New England ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

07/03/07

Technical Report for

GEI Consultants, Inc.

Indoor & Outdoor Air Samples Tufts St., Somerville MA

045162

Accutest Job Number: M65803

Sampling Date: 06/18/07

Report to:

GEI Consultants, Inc.
400 Unicorn Park Drive
Woburn, MA 01801-1970

ATTN: Raymond Siegener, Ph.D.

Total number of pages in report: **632**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Kristen Blanchard 508-481-6200

Certifications: MA (M-MA136) CT (PH-0109) NH (250204) RI (00071) ME (MA136) FL (E87579) NY (23346) NJ (MA926) NAVY USACE

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Test results relate only to samples analyzed.

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Sample Summary

GEI Consultants, Inc.

Job No: M65803

Indoor & Outdoor Air Samples Tufts St., Somerville MA
Project No: 045162

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
M65803-1	06/18/07	13:51	SLS	06/22/07	AIR	Air	045162-6MORT-1
M65803-2	06/18/07	13:53	SLS	06/22/07	AIR	Air	045162-6MORT-B

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	GEI Consultants, Inc.	**Job No**	M65803
Site:	Indoor & Outdoor Air Samples Tufts St., Somerville MA	**Report Date**	7/3/2007 1:08:22 PM

2 Sample(s) were collected on 06/18/2007 and were received at Accutest on 06/22/2007. These Samples received an Accutest job number of M65803. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method TO-15

Matrix AIR **Batch ID:** MSJ558

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M65576-1DUP were used as the QC samples indicated.

Matrix AIR **Batch ID:** MSQ206

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M65828-1DUP were used as the QC samples indicated.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(M65803).

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID: 045162-6MORT-1
Lab Sample ID: M65803-1 **Date Sampled:** 06/18/07
Matrix: AIR - Air Summa ID: M125 **Date Received:** 06/22/07
Method: TO-15 **Percent Solids:** n/a
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J10805.D	1	06/28/07	DFT	n/a	n/a	MSJ558
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	64.52	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
56-23-5	153.8	Carbon tetrachloride	0.11	0.20	ppbv	J	0.69	1.3	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.20	ppbv		ND	1.4	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		57-139%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-6MORT-B		
Lab Sample ID:	M65803-2	**Date Sampled:**	06/18/07
Matrix:	AIR - Air Summa ID: M035	**Date Received:**	06/22/07
Method:	TO-15	**Percent Solids:**	n/a
Project:	Indoor & Outdoor Air Samples Tufts St., Somerville MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q3844.D	1	06/28/07	PB	n/a	n/a	MSQ206
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	64.52	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	ppbv		ND	1.3	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.20	0.20	ppbv		1.4	1.4	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		57-139%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log
- Sample Tracking Chronicle
- Internal Chain of Custody

CHAIN OF CUSTODY

ACCUTEST Laboratories

Air Sampling Field Data Sheet

FED-EX Tracking #: | Bottle Order Control #: | Lab Quote #: | Lab Job #: M65799 M65803

PAGE 1 OF 2

Client / Reporting Information

Company Name: GEI Consultants
Address: 400 Unicorn Park Drive
City: Woburn State: MA Zip: 01801
Project Contact: Mark Ensign E-mail: mensign@geiconsultants.com
Phone #: 781-721-4000 Fax #: 781-721-4073
Sampler(s) Name(s): Samantha Slater

Project Name: Tufts St.
Street:
City: Somerville State: MA
Project #: 045162
Client Purchase Order #:

Weather Parameters

Temperature (Fahrenheit)
Start: 75.0 Maximum:
Stop: Minimum:
Atmospheric Pressure (inches of Hg)
Start: 30.06 Maximum:
Stop: Minimum:
Other weather comment:

Requested Analysis

Lab Sample #	Field ID / Point of Collection	Air Type: Indoor(I) Sol Vap(SV) Ambient(A)	Sampling Equipment Info: Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Start Sampling Information: Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Stop Sampling Information: Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Standard TO-15 Reporting List	MA DEP APH
~~M65799~~ M65803-1	045162-6Mort-1	I	M125	6L	MC083	6.18.07	0924	29	78.4	SLS	6.18.07	1351	4	80.0	SLS		
-2	045162-6Mort-B	I	M035	6L	MC086	6.18.07	0927	30	71.2	SLS	6.18.07	1353	4	73.4	SLS		

Turnaround Time / Business days

Standard - 15 Days: X
10 Day
5 Day
3 Day
2 Day
1 Day
Other

Approved By:
Date:

Data Deliverable Information

Comm A
Comm B
Full T1
Other:

Comments / Remarks

please see attached analyte list

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Laboratory:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		1	2 GEI Lab	6/18/07 0830	2 Samantha Slater
3 Samantha Slater	1430	3 GEI Lab	4 GEI Lab	6.22.07 1700	4 Raja Tabekhan
5 Raja Tabekhan	6/22/07 1700	5 Raja Tabekhan	Custody Seal #		

LOC AMBIENT

SM013-01 (2/14/06)

M65803: Chain of Custody
Page 1 of 2

Indoor Air Sampling Analyte List

- Chloroethane
- Carbon Tetrachloride
- 1,1-Dichloroethane
- 1,1-Dichloroethylene
- 1,2-Dichloroethane
- trans-1,2-Dichloroethylene
- cis-1,2-Dichloroethylene
- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- Tetrachloroethylene
- Trichloroethylene
- Vinyl Chloride

Summa Canister and Flow Controller Log

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA
Received: 06/22/07

SUMMA CANISTERS

Shipping							Receiving						
Summa ID	L	Vac " Hg	Date Out	By	SCC Batch	SCC FileID	Sample Number	Date In	By	Vac " Hg	Pres psig	Final psig	Dil Fact
M125	6	29.4	06/15/07	PB	CP429	Q3730.D	M65803-1	06/27/07	DFT	3			1
M035	6	29.4	06/15/07	PB	CP429	Q3730.D	M65803-2	06/27/07	DFT	1			1

FLOW CONTROLLERS

Shipping					Receiving		
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min
MC083	06/04/07	PB	20	4	06/26/07	DFT	21
MC086	06/04/07	PB	20	4	06/26/07	DFT	22

Accutest Bottle Order(s):
PB/6-15-07/GEI/TUFTS ST.
PB/6-4-07/GEI/TUFTS ST.

Prep Date	Room Temp(F)	Bar Pres "Hg
06/15/07	70	29.92

Internal Sample Tracking Chronicle

GEI Consultants, Inc.

Job No: M65803

Indoor & Outdoor Air Samples Tufts St., Somerville MA
Project No: 045162

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M65803-1	Collected: 18-JUN-07 13:51 By: SLS		Received: 22-JUN-07 By: SAP			
045162-6MORT-1						
M65803-1	TO-15	28-JUN-07 08:55	DFT			VTO15STD
M65803-2	Collected: 18-JUN-07 13:53 By: SLS		Received: 22-JUN-07 By: SAP			
045162-6MORT-B						
M65803-2	TO-15	28-JUN-07 18:41	PB			VTO15STD

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Internal Standard Area Summaries
- Initial Calibration RT/ISTD Area Summaries
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries

Method Blank Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSJ558-MB	J10796.D	1	06/27/07	DFT	n/a	n/a	MSJ558

The QC reported here applies to the following samples: **Method:** TO-15

M65803-1

CAS No.	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	ppbv		ND	1.3	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
127-18-4	Tetrachloroethylene	ND	0.20	ppbv		ND	1.4	ug/m3
79-01-6	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	93%	57-139%

Method Blank Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ206-MB	Q3838.D	1	06/28/07	PB	n/a	n/a	MSQ206

The QC reported here applies to the following samples: **Method:** TO-15

M65803-2

CAS No.	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	ppbv		ND	1.3	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
127-18-4	Tetrachloroethylene	ND	0.20	ppbv		ND	1.4	ug/m3
79-01-6	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	94%	57-139%

Method Blank Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSJ548-MB	J10589.D	1	06/07/07	DFT	n/a	n/a	MSJ548

The QC reported here applies to the following samples: **Method:** TO-15

MSJ548-SCC

CAS No.	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	ppbv		ND	1.3	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
127-18-4	Tetrachloroethylene	ND	0.20	ppbv		ND	1.4	ug/m3
79-01-6	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	100%	57-139%

Method Blank Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ201-MB	Q3722.D	1	06/14/07	PB	n/a	n/a	MSQ201

The QC reported here applies to the following samples: **Method:** TO-15

MSQ201-SCC

CAS No.	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	ppbv		ND	1.3	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
127-18-4	Tetrachloroethylene	ND	0.20	ppbv		ND	1.4	ug/m3
79-01-6	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	84%	57-139%

Blank Spike Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSJ558-BS	J10794A.D	1	06/27/07	DFT	n/a	n/a	MSJ558

The QC reported here applies to the following samples: **Method:** TO-15

M65803-1

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	9.3	93	70-130
56-23-5	Carbon tetrachloride	10	9.4	94	70-130
75-34-3	1,1-Dichloroethane	10	8.9	89	70-130
75-35-4	1,1-Dichloroethylene	10	8.9	89	70-130
107-06-2	1,2-Dichloroethane	10	9.1	91	70-130
156-60-5	trans-1,2-Dichloroethylene	10	9.0	90	70-130
156-59-2	cis-1,2-Dichloroethylene	10	9.0	90	70-130
71-55-6	1,1,1-Trichloroethane	10	8.8	88	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	11.1	111	70-130
79-00-5	1,1,2-Trichloroethane	10	9.7	97	70-130
127-18-4	Tetrachloroethylene	10	10.0	100	70-130
79-01-6	Trichloroethylene	10	10	100	70-130
75-01-4	Vinyl chloride	10	9.0	90	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	109%	57-139%

Blank Spike Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ206-BS	Q3837A.D	1	06/28/07	PB	n/a	n/a	MSQ206

The QC reported here applies to the following samples: **Method:** TO-15

M65803-2

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	10.9	109	70-130
56-23-5	Carbon tetrachloride	10	9.7	97	70-130
75-34-3	1,1-Dichloroethane	10	10.2	102	70-130
75-35-4	1,1-Dichloroethylene	10	9.9	99	70-130
107-06-2	1,2-Dichloroethane	10	10.5	105	70-130
156-60-5	trans-1,2-Dichloroethylene	10	9.2	92	70-130
156-59-2	cis-1,2-Dichloroethylene	10	9.5	95	70-130
71-55-6	1,1,1-Trichloroethane	10	10.0	100	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	8.6	86	70-130
79-00-5	1,1,2-Trichloroethane	10	8.9	89	70-130
127-18-4	Tetrachloroethylene	10	7.9	79	70-130
79-01-6	Trichloroethylene	10	9.0	90	70-130
75-01-4	Vinyl chloride	10	10.4	104	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	112%	57-139%

Blank Spike Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSJ548-BS	J10587B.D	1	06/07/07	DFT	n/a	n/a	MSJ548

The QC reported here applies to the following samples: **Method:** TO-15

MSJ548-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	11.2	112	70-130
56-23-5	Carbon tetrachloride	10	11.0	110	70-130
75-34-3	1,1-Dichloroethane	10	10.3	103	70-130
75-35-4	1,1-Dichloroethylene	10	11.4	114	70-130
107-06-2	1,2-Dichloroethane	10	10	100	70-130
156-60-5	trans-1,2-Dichloroethylene	10	11.1	111	70-130
156-59-2	cis-1,2-Dichloroethylene	10	10.7	107	70-130
71-55-6	1,1,1-Trichloroethane	10	10.2	102	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	9.9	99	70-130
79-00-5	1,1,2-Trichloroethane	10	10.1	101	70-130
127-18-4	Tetrachloroethylene	10	10.4	104	70-130
79-01-6	Trichloroethylene	10	10.2	102	70-130
75-01-4	Vinyl chloride	10	11.6	116	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	104%	57-139%

Blank Spike Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ201-BS	Q3721A.D	1	06/14/07	PB	n/a	n/a	MSQ201

The QC reported here applies to the following samples: **Method:** TO-15

MSQ201-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	8.5	85	70-130
56-23-5	Carbon tetrachloride	10	9.3	93	70-130
75-34-3	1,1-Dichloroethane	10	9.8	98	70-130
75-35-4	1,1-Dichloroethylene	10	7.7	77	70-130
107-06-2	1,2-Dichloroethane	10	9.2	92	70-130
156-60-5	trans-1,2-Dichloroethylene	10	9.6	96	70-130
156-59-2	cis-1,2-Dichloroethylene	10	11.7	117	70-130
71-55-6	1,1,1-Trichloroethane	10	8.5	85	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	11.1	111	70-130
79-00-5	1,1,2-Trichloroethane	10	11.7	117	70-130
127-18-4	Tetrachloroethylene	10	10.9	109	70-130
79-01-6	Trichloroethylene	10	11.4	114	70-130
75-01-4	Vinyl chloride	10	10.3	103	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	115%	57-139%

Duplicate Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M65576-1DUP	J10799.D	500	06/27/07	DFT	n/a	n/a	MSJ558
M65576-1	J10797.D	500	06/27/07	DFT	n/a	n/a	MSJ558
M65576-1	J10798.D	2000	06/27/07	DFT	n/a	n/a	MSJ558

The QC reported here applies to the following samples: **Method:** TO-15

M65803-1

CAS No.	Compound	M65576-1 ppbv	Q	DUP ppbv	Q	RPD	Limits
75-00-3	Chloroethane	ND		ND		nc	25
56-23-5	Carbon tetrachloride	ND		ND		nc	25
75-34-3	1,1-Dichloroethane	ND		ND		nc	25
75-35-4	1,1-Dichloroethylene	ND		ND		nc	25
107-06-2	1,2-Dichloroethane	ND		ND		nc	25
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	25
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	25
71-55-6	1,1,1-Trichloroethane	138		122		12	25
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	25
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	25
127-18-4	Tetrachloroethylene	ND		ND		nc	25
79-01-6	Trichloroethylene	ND		ND		nc	25
75-01-4	Vinyl chloride	ND		ND		nc	25

CAS No.	Surrogate Recoveries	DUP	M65576-1	M65576-1	Limits
460-00-4	4-Bromofluorobenzene	116%	111%	86%	57-139%

Duplicate Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M65828-1DUP	Q3851.D	20	06/29/07	PB	n/a	n/a	MSQ206
M65828-1	Q3852.D	20	06/29/07	PB	n/a	n/a	MSQ206

The QC reported here applies to the following samples: **Method:** TO-15

M65803-2

CAS No.	Compound	M65828-1 ppbv	Q	DUP ppbv	Q	RPD	Limits
75-00-3	Chloroethane	ND		ND		nc	25
56-23-5	Carbon tetrachloride	ND		ND		nc	25
75-34-3	1,1-Dichloroethane	ND		ND		nc	25
75-35-4	1,1-Dichloroethylene	ND		ND		nc	25
107-06-2	1,2-Dichloroethane	ND		ND		nc	25
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	25
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	25
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	25
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	25
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	25
127-18-4	Tetrachloroethylene	ND		ND		nc	25
79-01-6	Trichloroethylene	ND		ND		nc	25
75-01-4	Vinyl chloride	ND		ND		nc	25

CAS No.	Surrogate Recoveries	DUP	M65828-1	Limits
460-00-4	4-Bromofluorobenzene	136%	132%	57-139%

Summa Cleaning Certification

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSJ548-SCC	J10597.D	1	06/08/07	DFT	n/a	n/a	MSJ548

The QC reported here (Summa M125) applies to the following samples: **Method:** TO-15

Batch CP429 cleaned 06/05/07: M65803-1(M125)

CAS No.	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	ppbv		ND	1.3	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
127-18-4	Tetrachloroethylene	ND	0.20	ppbv		ND	1.4	ug/m3
79-01-6	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	99%	57-139%

Summa Cleaning Certification

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ201-SCC	Q3726.D	1	06/14/07	PB	n/a	n/a	MSQ201

The QC reported here (Summa M035) applies to the following samples: **Method:** TO-15

Batch CP429 cleaned 06/05/07: M65803-2(M035)

CAS No.	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	ppbv		ND	1.3	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
127-18-4	Tetrachloroethylene	ND	0.20	ppbv		ND	1.4	ug/m3
79-01-6	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	82%	57-139%

Instrument Performance Check (BFB)

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSJ548-BFB
Lab File ID: J10580.D
Instrument ID: GCMSJ
Injection Date: 06/07/07
Injection Time: 09:39

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	48352	18.6		Pass
75	30.0 - 66.0% of mass 95	122221	46.9		Pass
95	Base peak, 100% relative abundance	260629	100.0		Pass
96	5.0 - 9.0% of mass 95	17365	6.7		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	267626	102.7		Pass
175	4.0 - 9.0% of mass 174	14306	5.5	(5.3) [a]	Pass
176	93.0 - 101.0% of mass 174	257984	99.0	(96.4) [a]	Pass
177	5.0 - 9.0% of mass 176	15568	6.0	(6.0) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSJ548-IC548	J10580.D	06/07/07	09:39	00:00	Initial cal 0.5
MSJ548-IC548	J10581.D	06/07/07	10:30	00:51	Initial cal 0.2
MSJ548-IC548	J10582.D	06/07/07	11:22	01:43	Initial cal 2
MSJ548-IC548	J10583.D	06/07/07	12:16	02:37	Initial cal 5
MSJ548-ICC548	J10584.D	06/07/07	14:01	04:22	Initial cal 10
MSJ548-IC548	J10585.D	06/07/07	14:55	05:16	Initial cal 20
MSJ548-IC548	J10586.D	06/07/07	15:51	06:12	Initial cal 40
MSJ548-ICV548	J10587.D	06/07/07	16:48	07:09	Initial cal verification 10

Instrument Performance Check (BFB)

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSJ548-BFB
Lab File ID: J10587A.D
Instrument ID: GCMSJ
Injection Date: 06/07/07
Injection Time: 16:48

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	39509	17.0		Pass
75	30.0 - 66.0% of mass 95	107081	46.1		Pass
95	Base peak, 100% relative abundance	232049	100.0		Pass
96	5.0 - 9.0% of mass 95	15734	6.8		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	240270	103.5		Pass
175	4.0 - 9.0% of mass 174	12172	5.2	(5.1) [a]	Pass
176	93.0 - 101.0% of mass 174	234552	101.1	(97.6) [a]	Pass
177	5.0 - 9.0% of mass 176	15830	6.8	(6.7) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSJ548-CC548	J10587A.D	06/07/07	16:48	00:00	Continuing cal 10
MSJ548-BS	J10587B.D	06/07/07	16:48	00:00	Blank Spike
MSJ548-MB	J10589.D	06/07/07	18:41	01:53	Method Blank
MSJ548-SCC	J10589A.D	06/07/07	18:41	01:53	Summa Cleaning Certification
M65248-1	J10590.D	06/07/07	19:35	02:47	(used for QC only; not part of job M65803)
M65248-1DUP	J10591.D	06/07/07	20:28	03:40	Duplicate
ZZZZZZ	J10592.D	06/07/07	21:22	04:34	(unrelated sample)
ZZZZZZ	J10593.D	06/07/07	22:12	05:24	(unrelated sample)
ZZZZZZ	J10594.D	06/07/07	23:03	06:15	(unrelated sample)
ZZZZZZ	J10595.D	06/07/07	23:54	07:06	(unrelated sample)
MSJ548-SCC	J10596.D	06/08/07	00:44	07:56	Summa Cleaning Certification
MSJ548-SCC	J10597.D	06/08/07	01:34	08:46	Summa Cleaning Certification
MSJ548-SCC	J10598.D	06/08/07	08:56	16:08	Summa Cleaning Certification
MSJ548-SCC	J10599.D	06/08/07	09:47	16:59	Summa Cleaning Certification
MSJ548-SCC	J10600.D	06/08/07	10:38	17:50	Summa Cleaning Certification
ZZZZZZ	J10601.D	06/08/07	11:33	18:45	(unrelated sample)
ZZZZZZ	J10602.D	06/08/07	12:24	19:36	(unrelated sample)
ZZZZZZ	J10606.D	06/08/07	16:02	23:14	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSJ557-BFB
Lab File ID: J10757.D
Instrument ID: GCMSJ
Injection Date: 06/25/07
Injection Time: 10:16

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	46130	19.5		Pass
75	30.0 - 66.0% of mass 95	119232	50.5		Pass
95	Base peak, 100% relative abundance	236096	100.0		Pass
96	5.0 - 9.0% of mass 95	16112	6.8		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	232533	98.5		Pass
175	4.0 - 9.0% of mass 174	13538	5.7	(5.8) [a]	Pass
176	93.0 - 101.0% of mass 174	222378	94.2	(95.6) [a]	Pass
177	5.0 - 9.0% of mass 176	15745	6.7	(7.1) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSJ557-IC557	J10757.D	06/25/07	10:16	00:00	Initial cal 0.5
MSJ557-IC557	J10758.D	06/25/07	11:05	00:49	Initial cal 0.2
MSJ557-IC557	J10760.D	06/25/07	12:42	02:26	Initial cal 40
MSJ557-IC557	J10761.D	06/25/07	13:59	03:43	Initial cal 20
MSJ557-ICC557	J10762.D	06/25/07	14:46	04:30	Initial cal 10
MSJ557-IC557	J10763.D	06/25/07	15:34	05:18	Initial cal 5
MSJ557-IC557	J10765.D	06/25/07	17:14	06:58	Initial cal 2

Instrument Performance Check (BFB)

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSJ558-BFB
Lab File ID: J10794.D
Instrument ID: GCMSJ
Injection Date: 06/27/07
Injection Time: 12:22

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	39070	19.9		Pass
75	30.0 - 66.0% of mass 95	97970	49.8		Pass
95	Base peak, 100% relative abundance	196655	100.0		Pass
96	5.0 - 9.0% of mass 95	14138	7.2		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	193323	98.3		Pass
175	4.0 - 9.0% of mass 174	7988	4.1	(4.1) [a]	Pass
176	93.0 - 101.0% of mass 174	189057	96.1	(97.8) [a]	Pass
177	5.0 - 9.0% of mass 176	13057	6.6	(6.9) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSJ558-CC557	J10794.D	06/27/07	12:22	00:00	Continuing cal 10
MSJ558-BS	J10794A.D	06/27/07	12:22	00:00	Blank Spike
MSJ558-MB	J10796.D	06/27/07	14:04	01:42	Method Blank
MSJ558-SCC	J10796A.D	06/27/07	14:04	01:42	Summa Cleaning Certification
M65576-1	J10797.D	06/27/07	14:49	02:27	(used for QC only; not part of job M65803)
M65576-1	J10798.D	06/27/07	15:36	03:14	(used for QC only; not part of job M65803)
M65576-1DUP	J10799.D	06/27/07	16:23	04:01	Duplicate
ZZZZZZ	J10800.D	06/27/07	17:11	04:49	(unrelated sample)
ZZZZZZ	J10802.D	06/27/07	20:09	07:47	(unrelated sample)
ZZZZZZ	J10803.D	06/27/07	21:17	08:55	(unrelated sample)
ZZZZZZ	J10804.D	06/27/07	22:19	09:57	(unrelated sample)
M65803-1	J10805.D	06/28/07	08:55	20:33	045162-6MORT-1
ZZZZZZ	J10807.D	06/28/07	10:41	22:19	(unrelated sample)
ZZZZZZ	J10808.D	06/28/07	11:37	23:15	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ201-BFB
Lab File ID: Q3715.D
Instrument ID: GCMSQ
Injection Date: 06/14/07
Injection Time: 11:26

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	16408	22.5		Pass
75	30.0 - 66.0% of mass 95	43760	60.1		Pass
95	Base peak, 100% relative abundance	72832	100.0		Pass
96	5.0 - 9.0% of mass 95	5219	7.2		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	44976	61.8		Pass
175	4.0 - 9.0% of mass 174	3117	4.3	(6.9) [a]	Pass
176	93.0 - 101.0% of mass 174	44560	61.2	(99.1) [a]	Pass
177	5.0 - 9.0% of mass 176	3182	4.4	(7.1) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSQ201-IC201	Q3715.D	06/14/07	11:26	00:00	Initial cal 40
MSQ201-IC201	Q3716.D	06/14/07	12:07	00:41	Initial cal .5
MSQ201-IC201	Q3717.D	06/14/07	13:43	02:17	Initial cal .2
MSQ201-ICC201	Q3718.D	06/14/07	14:23	02:57	Initial cal 10
MSQ201-IC201	Q3719.D	06/14/07	15:04	03:38	Initial cal 5
MSQ201-IC201	Q3720.D	06/14/07	15:41	04:15	Initial cal 2
MSQ201-ICV201	Q3721.D	06/14/07	17:04	05:38	Initial cal verification 10
MSQ201-BS	Q3721A.D	06/14/07	17:04	05:38	Blank Spike
MSQ201-SCC	Q3722A.D	06/14/07	17:45	06:19	Summa Cleaning Certification
MSQ201-MB	Q3722.D	06/14/07	17:45	06:19	Method Blank
M65235-11	Q3723.D	06/14/07	18:24	06:58	(used for QC only; not part of job M65803)
M65235-11DUP	Q3724.D	06/14/07	19:07	07:41	Duplicate
MSQ201-SCC	Q3725.D	06/14/07	19:50	08:24	Summa Cleaning Certification
MSQ201-SCC	Q3726.D	06/14/07	20:32	09:06	Summa Cleaning Certification
MSQ201-SCC	Q3727.D	06/14/07	21:13	09:47	Summa Cleaning Certification
MSQ201-SCC	Q3728.D	06/14/07	21:55	10:29	Summa Cleaning Certification
MSQ201-SCC	Q3729.D	06/14/07	22:37	11:11	Summa Cleaning Certification
MSQ201-SCC	Q3730.D	06/14/07	23:18	11:52	Summa Cleaning Certification
ZZZZZZ	Q3733.D	06/15/07	01:22	13:56	(unrelated sample)
ZZZZZZ	Q3734.D	06/15/07	02:03	14:37	(unrelated sample)
ZZZZZZ	Q3735.D	06/15/07	02:44	15:18	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ205-BFB
Lab File ID: Q3817.D
Instrument ID: GCMSQ
Injection Date: 06/27/07
Injection Time: 11:33

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	47699	27.2		Pass
75	30.0 - 66.0% of mass 95	83635	47.6		Pass
95	Base peak, 100% relative abundance	175661	100.0		Pass
96	5.0 - 9.0% of mass 95	11668	6.6		Pass
173	Less than 2.0% of mass 174	431	0.25	(0.44) [a]	Pass
174	50.0 - 120.0% of mass 95	96997	55.2		Pass
175	4.0 - 9.0% of mass 174	6997	4.0	(7.2) [a]	Pass
176	93.0 - 101.0% of mass 174	92628	52.7	(95.5) [a]	Pass
177	5.0 - 9.0% of mass 176	6290	3.6	(6.8) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSQ205-IC205	Q3817.D	06/27/07	11:33	00:00	Initial cal 40
MSQ205-IC205	Q3818.D	06/27/07	12:21	00:48	Initial cal 20
MSQ205-ICC205	Q3819.D	06/27/07	13:10	01:37	Initial cal 10
MSQ205-IC205	Q3820.D	06/27/07	14:02	02:29	Initial cal 5
MSQ205-IC205	Q3821.D	06/27/07	14:55	03:22	Initial cal 2
MSQ205-IC205	Q3822.D	06/27/07	15:52	04:19	Initial cal .5
MSQ205-IC205	Q3823.D	06/27/07	16:40	05:07	Initial cal .2
MSQ205-ICV205	Q3824.D	06/27/07	17:27	05:54	Initial cal verification 10
MSQ205-BS	Q3824A.D	06/27/07	17:27	05:54	Blank Spike
MSQ205-MB	Q3825.D	06/27/07	18:10	06:37	Method Blank
MSQ205-SCC	Q3825A.D	06/27/07	18:10	06:37	Summa Cleaning Certification
M65720-1	Q3826.D	06/27/07	19:02	07:29	(used for QC only; not part of job M65803)
M65720-1DUP	Q3827.D	06/27/07	19:54	08:21	Duplicate
ZZZZZZ	Q3828.D	06/27/07	20:46	09:13	(unrelated sample)
ZZZZZZ	Q3829.D	06/27/07	21:39	10:06	(unrelated sample)
ZZZZZZ	Q3830.D	06/27/07	22:28	10:55	(unrelated sample)
ZZZZZZ	Q3831.D	06/27/07	23:16	11:43	(unrelated sample)
ZZZZZZ	Q3832.D	06/28/07	00:03	12:30	(unrelated sample)
M65720-1	Q3833.D	06/28/07	09:32	21:59	(used for QC only; not part of job M65803)
ZZZZZZ	Q3834.D	06/28/07	10:15	22:42	(unrelated sample)
ZZZZZZ	Q3835.D	06/28/07	10:59	23:26	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ206-BFB
Lab File ID: Q3837.D
Instrument ID: GCMSQ
Injection Date: 06/28/07
Injection Time: 12:44

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	32436	28.7		Pass
75	30.0 - 66.0% of mass 95	56824	50.4		Pass
95	Base peak, 100% relative abundance	112828	100.0		Pass
96	5.0 - 9.0% of mass 95	7677	6.8		Pass
173	Less than 2.0% of mass 174	343	0.3	(0.58) [a]	Pass
174	50.0 - 120.0% of mass 95	59444	52.7		Pass
175	4.0 - 9.0% of mass 174	4321	3.8	(7.3) [a]	Pass
176	93.0 - 101.0% of mass 174	57092	50.6	(96.0) [a]	Pass
177	5.0 - 9.0% of mass 176	3129	2.8	(5.5) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSQ206-BS	Q3837A.D	06/28/07	12:44	00:00	Blank Spike
MSQ206-CC205	Q3837.D	06/28/07	12:44	00:00	Continuing cal 10
MSQ206-MB	Q3838.D	06/28/07	14:10	01:26	Method Blank
MSQ206-SCC	Q3838A.D	06/28/07	14:10	01:26	Summa Cleaning Certification
ZZZZZZ	Q3839.D	06/28/07	14:54	02:10	(unrelated sample)
ZZZZZZ	Q3840.D	06/28/07	15:38	02:54	(unrelated sample)
ZZZZZZ	Q3841.D	06/28/07	16:24	03:40	(unrelated sample)
ZZZZZZ	Q3842.D	06/28/07	17:12	04:28	(unrelated sample)
M65803-2	Q3844.D	06/28/07	18:41	05:57	045162-6MORT-B
ZZZZZZ	Q3845.D	06/28/07	19:25	06:41	(unrelated sample)
ZZZZZZ	Q3847.D	06/28/07	20:49	08:05	(unrelated sample)
ZZZZZZ	Q3848.D	06/28/07	21:31	08:47	(unrelated sample)
ZZZZZZ	Q3849.D	06/29/07	09:01	20:17	(unrelated sample)
ZZZZZZ	Q3850.D	06/29/07	09:42	20:58	(unrelated sample)
M65828-1DUP	Q3851.D	06/29/07	11:03	22:19	Duplicate
M65828-1	Q3852.D	06/29/07	11:55	23:11	(used for QC only; not part of job M65803)
MSQ206-SCC	Q3853.D	06/29/07	12:37	23:53	Summa Cleaning Certification

Volatile Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Check Std:	MSJ548-CC548	**Injection Date:**	06/07/07
Lab File ID:	J10587A.D	**Injection Time:**	16:48
Instrument ID:	GCMSJ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	350642	8.63	1587599	10.45	1421456	14.68
Upper Limit [a]	490899	8.96	2222639	10.78	1990038	15.01
Lower Limit [b]	210385	8.30	952559	10.12	852874	14.35

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSJ548-MB	349729	8.62	1565972	10.43	1349596	14.66
MSJ548-SCC	349729	8.62	1565972	10.43	1349596	14.66
M65248-1	324788	8.62	1414932	10.43	1250626	14.66
M65248-1DUP	303894	8.61	1248309	10.42	1124442	14.66
ZZZZZZ	309729	8.62	1291951	10.43	1129523	14.67
ZZZZZZ	292544	8.62	1237382	10.44	1093356	14.67
ZZZZZZ	265858	8.65	1055948	10.46	1006591	14.69
ZZZZZZ	291569	8.63	1187580	10.45	1077946	14.67
MSJ548-SCC	280730	8.63	1194072	10.44	1079884	14.67
MSJ548-SCC	282837	8.62	1134746	10.43	1047764	14.67
MSJ548-SCC	259370	8.63	877810*	10.44	722109*	14.67
MSJ548-SCC	303065	8.62	1137695	10.43	1026188	14.66
MSJ548-SCC	309500	8.61	1138408	10.43	1004543	14.66
ZZZZZZ	233385	8.63	863523[c]	10.44	815927[c]	14.67
ZZZZZZ	273901	8.62	997028	10.43	911165	14.66
ZZZZZZ	272457	8.62	985320	10.43	846902[c]	14.67

IS 1 = Bromochloromethane
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5

(a) Upper Limit = +40% of check standard area; Retention time +0.33 minutes.
(b) Lower Limit = -40% of check standard area; Retention time -0.33 minutes.
(c) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

Volatile Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Check Std:	MSJ558-CC557	**Injection Date:**	06/27/07
Lab File ID:	J10794.D	**Injection Time:**	12:22
Instrument ID:	GCMSJ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	448217	8.60	1993423	10.43	1807896	14.68
Upper Limit [a]	627504	8.93	2790792	10.76	2531054	15.01
Lower Limit [b]	268930	8.27	1196054	10.10	1084738	14.35

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSJ558-BS	448217	8.60	1993423	10.43	1807896	14.68
MSJ558-MB	404558	8.53	1710266	10.37	1585199	14.64
MSJ558-SCC	404558	8.53	1710266	10.37	1585199	14.64
M65576-1	414234	8.50	1865820	10.34	2135719	14.64
M65576-1	346041	8.47	1546761	10.32	1438170	14.63
M65576-1DUP	336462	8.48	1475492	10.32	1546927	14.64
ZZZZZZ	323987	8.49	1235116	10.33	1107880	14.63
ZZZZZZ	345968	8.56	1407597	10.39	1256228	14.65
ZZZZZZ	399987	8.56	1378826	10.39	1166085	14.65
ZZZZZZ	357365	8.59	1269019	10.41	1098584	14.66
M65803-1	383193	8.62	1306678	10.43	1100612	14.67
ZZZZZZ	367513	8.62	1364296	10.44	1308763	14.68
ZZZZZZ	389368	8.62	1442474	10.43	1380427	14.66

IS 1 = Bromochloromethane
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5

(a) Upper Limit = +40% of check standard area; Retention time +0.33 minutes.
(b) Lower Limit = -40% of check standard area; Retention time -0.33 minutes.

Volatile Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Check Std:	MSQ201-ICC201	**Injection Date:**	06/14/07
Lab File ID:	Q3718.D	**Injection Time:**	14:23
Instrument ID:	GCMSQ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	55508	8.44	276195	10.35	224739	14.70
Upper Limit [a]	77711	8.77	386673	10.68	314635	15.03
Lower Limit [b]	33305	8.11	165717	10.02	134843	14.37

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSQ201-BS	50585	8.43	256387	10.35	220485	14.70
MSQ201-MB	46656	8.44	261655	10.35	251144	14.69
MSQ201-SCC	46656	8.44	261655	10.35	251144	14.69
M65235-11	47545	8.43	247526	10.35	225893	14.69
M65235-11DUP	21826[c]	8.43	248857	10.35	219314	14.70
MSQ201-SCC	44291	8.43	314485	10.35	274935	14.69
MSQ201-SCC	42207	8.43	195852	10.35	268715	14.70
MSQ201-SCC	39652	8.43	189102	10.35	257327	14.69
MSQ201-SCC	37494	8.43	177698	10.35	258109	14.69
MSQ201-SCC	38282	8.43	180276	10.35	242177	14.70
MSQ201-SCC	38152	8.43	167837	10.34	229272	14.69
ZZZZZZ	33023[c]	8.44	170515	10.35	248912	14.69
ZZZZZZ	38645	8.44	206033	10.35	322193[c]	14.71
ZZZZZZ	51651	8.44	228831	10.35	260999	14.71

IS 1 = Bromochloromethane
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5

(a) Upper Limit = +40% of check standard area; Retention time +0.33 minutes.
(b) Lower Limit = -40% of check standard area; Retention time -0.33 minutes.
(c) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

Volatile Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Check Std:	MSQ206-CC205	**Injection Date:**	06/28/07
Lab File ID:	Q3837.D	**Injection Time:**	12:44
Instrument ID:	GCMSQ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	118185	8.63	588820	10.46	500723	14.71
Upper Limit [a]	165459	8.96	824348	10.79	701012	15.04
Lower Limit [b]	70911	8.30	353292	10.13	300434	14.38

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSQ206-MB	96900	8.64	443229	10.46	340148	14.71
MSQ206-SCC	96900	8.64	443229	10.46	340148	14.71
ZZZZZZ	91236	8.63	448624	10.46	359649	14.71
ZZZZZZ	93815	8.63	451688	10.46	367563	14.70
ZZZZZZ	84396	8.63	391712	10.46	312347	14.70
ZZZZZZ	81310	8.64	383847	10.46	319905	14.71
M65803-2	91665	8.63	441601	10.46	356784	14.71
ZZZZZZ	86196	8.63	418762	10.46	344426	14.70
ZZZZZZ	74437	8.64	307980[c]	10.46	253555[c]	14.71
ZZZZZZ	66268[c]	8.63	272930[c]	10.46	220661[c]	14.71
ZZZZZZ	74585	8.63	289554[c]	10.46	229081[c]	14.70
ZZZZZZ	55841[c]	8.64	252176[c]	10.46	204316[c]	14.70
M65828-1DUP	88796	8.64	394903	10.46	458793	14.71
M65828-1	93812	8.64	420710	10.47	466683	14.71
MSQ206-SCC	100452	8.64	418385	10.46	320125	14.70

IS 1 = Bromochloromethane
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5

(a) Upper Limit = +40% of check standard area; Retention time +0.33 minutes.
(b) Lower Limit = -40% of check standard area; Retention time -0.33 minutes.
(c) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	Reporting this level
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.69	8.62	0.660	ok	0.658	0.598-0.718
1,3-Butadiene	4.58	8.62	0.531	ok	0.531	0.471-0.591
Benzene	10.12	10.43	0.970	ok	0.969	0.909-1.029
Bromodichloromethane	11.08	10.43	1.062	ok	1.062	1.002-1.122
Bromoform	15.39	14.67	1.049	ok	1.050	0.990-1.110
Bromomethane	4.86	8.62	0.564	ok	0.563	0.503-0.623
Bromoethene	5.38	8.62	0.624	ok	0.624	0.564-0.684
Benzyl Chloride	17.88	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.62	0.795	ok	0.794	0.734-0.854
Chlorobenzene	14.71	14.67	1.003	ok	1.003	0.943-1.063
Chloroethane	5.04	8.62	0.585	ok	0.583	0.523-0.643
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.24	8.62	0.492	ok	0.491	0.431-0.551
3-Chloropropene	6.67	8.62	0.774	ok	0.772	0.712-0.832
2-Chlorotoluene	16.98	14.67	1.157	ok	1.158	1.098-1.218
Carbon tetrachloride	10.26	8.62	1.190	ok	1.190	1.130-1.250
Cyclohexane	10.37	10.43	0.994	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.65	8.62	0.887	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.62	0.746	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.56	14.67	0.924	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.62	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.89	10.43	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.27	10.43	1.081	ok	1.073	1.013-1.133
Dichlorodifluoromethane	4.07	8.62	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.32	14.67	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.46	8.62	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.62	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.93	10.43	1.144	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.90	14.67	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.37	14.67	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.97	14.67	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.44	10.43	1.193	ok	1.192	1.132-1.252
Ethanol	5.29	8.62	0.614	ok	0.607	0.547-0.667
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.71	8.62	1.010	ok	1.010	0.950-1.070
4-Ethyltoluene	17.17	14.67	1.170	ok	1.170	1.110-1.230
Freon 113	6.79	8.62	0.788	ok	0.787	0.727-0.847
Freon 114	4.33	8.62	0.502	ok	0.502	0.442-0.562
Heptane	11.35	10.43	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.67	1.415	ok	1.415	1.355-1.475
Hexane	8.63	8.62	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	Reporting this level
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.20	14.67	0.900	ok	0.899	0.839-0.959
Isopropylbenzene	16.42	14.67	1.119	ok	1.120	1.060-1.180
Isopropyl Alcohol	6.02	8.62	0.698	ok	0.696	0.636-0.756
Methylene chloride	6.56	8.62	0.761	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.11	8.62	0.941	ok	0.938	0.878-0.998
Methyl Isobutyl Ketone	12.02	10.43	1.152	ok	1.151	1.091-1.211
Methyl Tert Butyl Ether	7.77	8.62	0.901	ok	0.899	0.839-0.959
Nonane	15.97	14.67	1.089	ok	1.089	1.029-1.149
Pentane	6.14	8.62	0.712	ok	0.711	0.651-0.771
Propylene	4.01	8.62	0.465	ok	0.464	0.404-0.524
Styrene	15.66	14.67	1.067	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.68	8.62	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.79	14.67	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.62	10.43	1.210	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.28	14.67	1.382	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.72	14.67	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.25	14.67	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.12	10.43	1.066	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.64	8.62	0.770	ok	0.766	0.706-0.826
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.24	8.62	1.072	ok	1.066	1.006-1.126
Toluene	12.89	10.43	1.236	ok	1.235	1.175-1.295
Trichloroethylene	11.11	10.43	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.80	8.62	0.673	ok	0.671	0.611-0.731
Vinyl chloride	4.45	8.62	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.81	8.62	0.906	ok	0.905	0.845-0.965
m,p-Xylene	15.28	14.67	1.042	ok	1.042	0.982-1.102
o-Xylene	15.78	14.67	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.62	8.29-8.95	396095	ok	370262	222157-518367
1,4-Difluorobenzene	10.43	ok	10.44	10.11-10.77	1783950	ok	1653951	992371-2315531
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	1514383	ok	1465364	879218-2051510

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	Reporting this level
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.72	8.62	0.664	ok	0.658	0.598-0.718
1,3-Butadiene	4.58	8.62	0.531	ok	0.531	0.471-0.591
Benzene	10.12	10.43	0.970	ok	0.969	0.909-1.029
Bromodichloromethane	11.08	10.43	1.062	ok	1.062	1.002-1.122
Bromoform	15.38	14.67	1.048	ok	1.050	0.990-1.110
Bromomethane	4.86	8.62	0.564	ok	0.563	0.503-0.623
Bromoethene	5.38	8.62	0.624	ok	0.624	0.564-0.684
Benzyl Chloride	17.89	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.62	0.795	ok	0.794	0.734-0.854
Chlorobenzene	14.71	14.67	1.003	ok	1.003	0.943-1.063
Chloroethane	5.03	8.62	0.584	ok	0.583	0.523-0.643
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.24	8.62	0.492	ok	0.491	0.431-0.551
3-Chloropropene	6.67	8.62	0.774	ok	0.772	0.712-0.832
2-Chlorotoluene	16.97	14.67	1.157	ok	1.158	1.098-1.218
Carbon tetrachloride	10.25	8.62	1.189	ok	1.190	1.130-1.250
Cyclohexane	10.37	10.43	0.994	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.66	8.62	0.889	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.62	0.746	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.57	14.67	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.62	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.89	10.43	1.044	ok	1.044	0.984-1.104
Dichlorodifluoromethane	4.07	8.62	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.32	14.67	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.47	8.62	0.867	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.45	8.62	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.93	10.43	1.144	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.90	14.67	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.36	14.67	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.98	14.67	1.226	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.43	10.43	1.192	ok	1.192	1.132-1.252
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.73	8.62	1.013	ok	1.010	0.950-1.070
4-Ethyltoluene	17.16	14.67	1.170	ok	1.170	1.110-1.230
Freon 113	6.79	8.62	0.788	ok	0.787	0.727-0.847
Freon 114	4.32	8.62	0.501	ok	0.502	0.442-0.562
Heptane	11.35	10.43	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.67	1.415	ok	1.415	1.355-1.475
Hexane	8.63	8.62	1.001	ok	1.001	0.941-1.061
2-Hexanone	13.21	14.67	0.900	ok	0.899	0.839-0.959
Isopropylbenzene	16.42	14.67	1.119	ok	1.120	1.060-1.180

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	Reporting this level
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Isopropyl Alcohol	6.07	8.62	0.704	ok	0.696	0.636-0.756
Methylene chloride	6.56	8.62	0.761	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.13	8.62	0.943	ok	0.938	0.878-0.998
Methyl Isobutyl Ketone	12.04	10.43	1.154	ok	1.151	1.091-1.211
Methyl Tert Butyl Ether	7.79	8.62	0.904	ok	0.899	0.839-0.959
Nonane	15.97	14.67	1.089	ok	1.089	1.029-1.149
Pentane	6.13	8.62	0.711	ok	0.711	0.651-0.771
Propylene	4.00	8.62	0.464	ok	0.464	0.404-0.524
Styrene	15.66	14.67	1.067	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.67	8.62	1.122	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.79	14.67	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.62	10.43	1.210	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.28	14.67	1.382	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.72	14.67	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.24	14.67	1.175	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.12	10.43	1.066	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.71	8.62	0.778	ok	0.766	0.706-0.826
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Toluene	12.89	10.43	1.236	ok	1.235	1.175-1.295
Trichloroethylene	11.11	10.43	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.79	8.62	0.672	ok	0.671	0.611-0.731
Vinyl chloride	4.44	8.62	0.515	ok	0.516	0.456-0.576
m,p-Xylene	15.28	14.67	1.042	ok	1.042	0.982-1.102
o-Xylene	15.78	14.67	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.62	8.29-8.95	370872	ok	370262	222157-518367
1,4-Difluorobenzene	10.43	ok	10.44	10.11-10.77	1637674	ok	1653951	992371-2315531
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	1332043	ok	1465364	879218-2051510

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	Reporting this level
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.66	8.61	0.657	ok	0.658	0.598-0.718
1,3-Butadiene	4.58	8.61	0.532	ok	0.531	0.471-0.591
Benzene	10.11	10.43	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.08	10.43	1.062	ok	1.062	1.002-1.122
Bromoform	15.39	14.66	1.050	ok	1.050	0.990-1.110
Bromomethane	4.85	8.61	0.563	ok	0.563	0.503-0.623
Bromoethene	5.38	8.61	0.625	ok	0.624	0.564-0.684
Benzyl Chloride	17.88	14.66	1.220	ok	1.219	1.159-1.279
Carbon disulfide	6.84	8.61	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.71	14.66	1.003	ok	1.003	0.943-1.063
Chloroethane	5.02	8.61	0.583	ok	0.583	0.523-0.643
Chloroform	8.73	8.61	1.014	ok	1.014	0.954-1.074
Chloromethane	4.22	8.61	0.490	ok	0.491	0.431-0.551
3-Chloropropene	6.65	8.61	0.772	ok	0.772	0.712-0.832
2-Chlorotoluene	16.98	14.66	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.25	8.61	1.190	ok	1.190	1.130-1.250
Cyclohexane	10.36	10.43	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.65	8.61	0.889	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	8.61	0.746	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.57	14.66	0.926	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.43	8.61	1.095	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.89	10.43	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.19	10.43	1.073	ok	1.073	1.013-1.133
Dichlorodifluoromethane	4.06	8.61	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.32	14.66	0.909	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.45	8.61	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.45	8.61	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.93	10.43	1.144	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.90	14.66	1.221	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.37	14.66	1.253	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.97	14.66	1.226	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.43	10.43	1.192	ok	1.192	1.132-1.252
Ethanol	5.22	8.61	0.606	ok	0.607	0.547-0.667
Ethylbenzene	15.09	14.66	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.68	8.61	1.008	ok	1.010	0.950-1.070
4-Ethyltoluene	17.16	14.66	1.171	ok	1.170	1.110-1.230
Freon 113	6.78	8.61	0.787	ok	0.787	0.727-0.847
Freon 114	4.32	8.61	0.502	ok	0.502	0.442-0.562
Heptane	11.35	10.43	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.66	1.416	ok	1.415	1.355-1.475
Hexane	8.62	8.61	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	Reporting this level
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.17	14.66	0.898	ok	0.899	0.839-0.959
Isopropylbenzene	16.42	14.66	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.95	8.61	0.691	ok	0.696	0.636-0.756
Methylene chloride	6.54	8.61	0.760	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.07	8.61	0.937	ok	0.938	0.878-0.998
Methyl Isobutyl Ketone	11.99	10.43	1.150	ok	1.151	1.091-1.211
Methyl Tert Butyl Ether	7.73	8.61	0.898	ok	0.899	0.839-0.959
Nonane	15.97	14.66	1.089	ok	1.089	1.029-1.149
Pentane	6.13	8.61	0.712	ok	0.711	0.651-0.771
Propylene	4.00	8.61	0.465	ok	0.464	0.404-0.524
Styrene	15.66	14.66	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.67	8.61	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.78	14.66	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.61	10.43	1.209	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.28	14.66	1.383	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.71	14.66	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.25	14.66	1.177	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.11	10.43	1.065	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.55	8.61	0.761	ok	0.766	0.706-0.826
Tetrachloroethylene	14.01	14.66	0.956	ok	0.955	0.895-1.015
Tetrahydrofuran	9.19	8.61	1.067	ok	1.066	1.006-1.126
Toluene	12.88	10.43	1.235	ok	1.235	1.175-1.295
Trichloroethylene	11.10	10.43	1.064	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.78	8.61	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.45	8.61	0.517	ok	0.516	0.456-0.576
Vinyl Acetate	7.79	8.61	0.905	ok	0.905	0.845-0.965
m,p-Xylene	15.27	14.66	1.042	ok	1.042	0.982-1.102
o-Xylene	15.78	14.66	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.61	ok	8.62	8.29-8.95	365236	ok	370262	222157-518367
1,4-Difluorobenzene	10.43	ok	10.44	10.11-10.77	1610084	ok	1653951	992371-2315531
Chlorobenzene-D5	14.66	ok	14.67	14.34-15.00	1440404	ok	1465364	879218-2051510

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	Reporting this level
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.65	8.60	0.657	ok	0.658	0.598-0.718
1,3-Butadiene	4.57	8.60	0.531	ok	0.531	0.471-0.591
Benzene	10.11	10.43	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.07	10.43	1.061	ok	1.062	1.002-1.122
Bromoform	15.39	14.67	1.049	ok	1.050	0.990-1.110
Bromomethane	4.85	8.60	0.564	ok	0.563	0.503-0.623
Bromoethene	5.37	8.60	0.624	ok	0.624	0.564-0.684
Benzyl Chloride	17.88	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.83	8.60	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.71	14.67	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.60	0.583	ok	0.583	0.523-0.643
Chloroform	8.73	8.60	1.015	ok	1.014	0.954-1.074
Chloromethane	4.22	8.60	0.491	ok	0.491	0.431-0.551
3-Chloropropene	6.64	8.60	0.772	ok	0.772	0.712-0.832
2-Chlorotoluene	16.97	14.67	1.157	ok	1.158	1.098-1.218
Carbon tetrachloride	10.24	8.60	1.191	ok	1.190	1.130-1.250
Cyclohexane	10.36	10.43	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.63	8.60	0.887	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.41	8.60	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.56	14.67	0.924	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.43	8.60	1.097	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.88	10.43	1.043	ok	1.044	0.984-1.104
1,4-Dioxane	11.17	10.43	1.071	ok	1.073	1.013-1.133
Dichlorodifluoromethane	4.06	8.60	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.32	14.67	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.44	8.60	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.44	8.60	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.92	10.43	1.143	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.90	14.67	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.37	14.67	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.97	14.67	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.43	10.43	1.192	ok	1.192	1.132-1.252
Ethanol	5.20	8.60	0.605	ok	0.607	0.547-0.667
Ethylbenzene	15.08	14.67	1.028	ok	1.029	0.969-1.089
Ethyl Acetate	8.68	8.60	1.009	ok	1.010	0.950-1.070
4-Ethyltoluene	17.17	14.67	1.170	ok	1.170	1.110-1.230
Freon 113	6.77	8.60	0.787	ok	0.787	0.727-0.847
Freon 114	4.31	8.60	0.501	ok	0.502	0.442-0.562
Heptane	11.35	10.43	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.67	1.415	ok	1.415	1.355-1.475
Hexane	8.61	8.60	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	Reporting this level
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.16	14.67	0.897	ok	0.899	0.839-0.959
Isopropylbenzene	16.42	14.67	1.119	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.93	8.60	0.690	ok	0.696	0.636-0.756
Methylene chloride	6.53	8.60	0.759	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.06	8.60	0.937	ok	0.938	0.878-0.998
Methyl Isobutyl Ketone	11.98	10.43	1.149	ok	1.151	1.091-1.211
Methyl Tert Butyl Ether	7.72	8.60	0.898	ok	0.899	0.839-0.959
Nonane	15.97	14.67	1.089	ok	1.089	1.029-1.149
Pentane	6.12	8.60	0.712	ok	0.711	0.651-0.771
Propylene	4.00	8.60	0.465	ok	0.464	0.404-0.524
Styrene	15.66	14.67	1.067	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.67	8.60	1.124	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.78	14.67	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.61	10.43	1.209	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.27	14.67	1.382	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.72	14.67	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.25	14.67	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.11	10.43	1.065	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.53	8.60	0.759	ok	0.766	0.706-0.826
Tetrachloroethylene	14.00	14.67	0.954	ok	0.955	0.895-1.015
Tetrahydrofuran	9.17	8.60	1.066	ok	1.066	1.006-1.126
Toluene	12.88	10.43	1.235	ok	1.235	1.175-1.295
Trichloroethylene	11.10	10.43	1.064	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.78	8.60	0.672	ok	0.671	0.611-0.731
Vinyl chloride	4.44	8.60	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.78	8.60	0.905	ok	0.905	0.845-0.965
m,p-Xylene	15.26	14.67	1.040	ok	1.042	0.982-1.102
o-Xylene	15.78	14.67	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.60	ok	8.62	8.29-8.95	382768	ok	370262	222157-518367
1,4-Difluorobenzene	10.43	ok	10.44	10.11-10.77	1702002	ok	1653951	992371-2315531
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	1469534	ok	1465364	879218-2051510

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	Reporting this level
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.66	8.62	0.657	ok	0.658	0.598-0.718
1,3-Butadiene	4.59	8.62	0.532	ok	0.531	0.471-0.591
Benzene	10.12	10.44	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.09	10.44	1.062	ok	1.062	1.002-1.122
Bromoform	15.41	14.68	1.050	ok	1.050	0.990-1.110
Bromomethane	4.86	8.62	0.564	ok	0.563	0.503-0.623
Bromoethene	5.39	8.62	0.625	ok	0.624	0.564-0.684
Benzyl Chloride	17.89	14.68	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.84	8.62	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.72	14.68	1.003	ok	1.003	0.943-1.063
Chloroethane	5.03	8.62	0.584	ok	0.583	0.523-0.643
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.24	8.62	0.492	ok	0.491	0.431-0.551
3-Chloropropene	6.66	8.62	0.773	ok	0.772	0.712-0.832
2-Chlorotoluene	16.99	14.68	1.157	ok	1.158	1.098-1.218
Carbon tetrachloride	10.25	8.62	1.189	ok	1.190	1.130-1.250
Cyclohexane	10.37	10.44	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.65	8.62	0.887	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	8.62	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.58	14.68	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.62	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.90	10.44	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.19	10.44	1.072	ok	1.073	1.013-1.133
Dichlorodifluoromethane	4.08	8.62	0.473	ok	0.472	0.412-0.532
Dibromochloromethane	13.34	14.68	0.909	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.45	8.62	0.864	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.62	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.94	10.44	1.144	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.91	14.68	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.38	14.68	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.99	14.68	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.45	10.44	1.193	ok	1.192	1.132-1.252
Ethanol	5.24	8.62	0.608	ok	0.607	0.547-0.667
Ethylbenzene	15.10	14.68	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.70	8.62	1.009	ok	1.010	0.950-1.070
4-Ethyltoluene	17.18	14.68	1.170	ok	1.170	1.110-1.230
Freon 113	6.79	8.62	0.788	ok	0.787	0.727-0.847
Freon 114	4.33	8.62	0.502	ok	0.502	0.442-0.562
Heptane	11.36	10.44	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.68	1.414	ok	1.415	1.355-1.475
Hexane	8.63	8.62	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	Reporting this level
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.18	14.68	0.898	ok	0.899	0.839-0.959
Isopropylbenzene	16.44	14.68	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.99	8.62	0.695	ok	0.696	0.636-0.756
Methylene chloride	6.54	8.62	0.759	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.08	8.62	0.937	ok	0.938	0.878-0.998
Methyl Isobutyl Ketone	12.01	10.44	1.150	ok	1.151	1.091-1.211
Methyl Tert Butyl Ether	7.73	8.62	0.897	ok	0.899	0.839-0.959
Nonane	15.98	14.68	1.089	ok	1.089	1.029-1.149
Pentane	6.13	8.62	0.711	ok	0.711	0.651-0.771
Propylene	4.00	8.62	0.464	ok	0.464	0.404-0.524
Styrene	15.68	14.68	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.68	8.62	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.81	14.68	1.077	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.63	10.44	1.210	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.27	14.68	1.381	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.73	14.68	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.26	14.68	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.12	10.44	1.065	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.58	8.62	0.763	ok	0.766	0.706-0.826
Tetrachloroethylene	14.02	14.68	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.18	8.62	1.065	ok	1.066	1.006-1.126
Toluene	12.89	10.44	1.235	ok	1.235	1.175-1.295
Trichloroethylene	11.12	10.44	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.79	8.62	0.672	ok	0.671	0.611-0.731
Vinyl chloride	4.46	8.62	0.517	ok	0.516	0.456-0.576
Vinyl Acetate	7.80	8.62	0.905	ok	0.905	0.845-0.965
m,p-Xylene	15.29	14.68	1.042	ok	1.042	0.982-1.102
o-Xylene	15.79	14.68	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.62	8.29-8.95	335391	ok	370262	222157-518367
1,4-Difluorobenzene	10.44	ok	10.44	10.11-10.77	1562152	ok	1653951	992371-2315531
Chlorobenzene-D5	14.68	ok	14.67	14.34-15.00	1446956	ok	1465364	879218-2051510

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	Reporting this level
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.65	8.62	0.655	ok	0.658	0.598-0.718
1,3-Butadiene	4.58	8.62	0.531	ok	0.531	0.471-0.591
Benzene	10.12	10.45	0.968	ok	0.969	0.909-1.029
Bromodichloromethane	11.10	10.45	1.062	ok	1.062	1.002-1.122
Bromoform	15.42	14.68	1.050	ok	1.050	0.990-1.110
Bromomethane	4.85	8.62	0.563	ok	0.563	0.503-0.623
Bromoethene	5.38	8.62	0.624	ok	0.624	0.564-0.684
Benzyl Chloride	17.90	14.68	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.84	8.62	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.73	14.68	1.003	ok	1.003	0.943-1.063
Chloroethane	5.02	8.62	0.582	ok	0.583	0.523-0.643
Chloroform	8.75	8.62	1.015	ok	1.014	0.954-1.074
Chloromethane	4.23	8.62	0.491	ok	0.491	0.431-0.551
3-Chloropropene	6.65	8.62	0.771	ok	0.772	0.712-0.832
2-Chlorotoluene	17.00	14.68	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.25	8.62	1.189	ok	1.190	1.130-1.250
Cyclohexane	10.36	10.45	0.991	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.65	8.62	0.887	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.41	8.62	0.744	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.59	14.68	0.926	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.62	1.097	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.90	10.45	1.043	ok	1.044	0.984-1.104
1,4-Dioxane	11.18	10.45	1.070	ok	1.073	1.013-1.133
Dichlorodifluoromethane	4.07	8.62	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.34	14.68	0.909	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.44	8.62	0.863	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.45	8.62	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.94	10.45	1.143	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.92	14.68	1.221	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.38	14.68	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.99	14.68	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.46	10.45	1.192	ok	1.192	1.132-1.252
Ethanol	5.23	8.62	0.607	ok	0.607	0.547-0.667
Ethylbenzene	15.10	14.68	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.70	8.62	1.009	ok	1.010	0.950-1.070
4-Ethyltoluene	17.18	14.68	1.170	ok	1.170	1.110-1.230
Freon 113	6.78	8.62	0.787	ok	0.787	0.727-0.847
Freon 114	4.33	8.62	0.502	ok	0.502	0.442-0.562
Heptane	11.36	10.45	1.087	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.68	1.414	ok	1.415	1.355-1.475
Hexane	8.62	8.62	1.000	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	Reporting this level
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.19	14.68	0.899	ok	0.899	0.839-0.959
Isopropylbenzene	16.44	14.68	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	6.01	8.62	0.697	ok	0.696	0.636-0.756
Methylene chloride	6.54	8.62	0.759	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.08	8.62	0.937	ok	0.938	0.878-0.998
Methyl Isobutyl Ketone	12.02	10.45	1.150	ok	1.151	1.091-1.211
Methyl Tert Butyl Ether	7.73	8.62	0.897	ok	0.899	0.839-0.959
Nonane	15.98	14.68	1.089	ok	1.089	1.029-1.149
Pentane	6.12	8.62	0.710	ok	0.711	0.651-0.771
Propylene	4.00	8.62	0.464	ok	0.464	0.404-0.524
Styrene	15.69	14.68	1.069	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.68	8.62	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.82	14.68	1.078	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.64	10.45	1.210	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.27	14.68	1.381	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.73	14.68	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.27	14.68	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.12	10.45	1.064	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.60	8.62	0.766	ok	0.766	0.706-0.826
Tetrachloroethylene	14.02	14.68	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.17	8.62	1.064	ok	1.066	1.006-1.126
Toluene	12.90	10.45	1.234	ok	1.235	1.175-1.295
Trichloroethylene	11.12	10.45	1.064	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.78	8.62	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.45	8.62	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.80	8.62	0.905	ok	0.905	0.845-0.965
m,p-Xylene	15.30	14.68	1.042	ok	1.042	0.982-1.102
o-Xylene	15.80	14.68	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.62	8.29-8.95	371158	ok	370262	222157-518367
1,4-Difluorobenzene	10.45	ok	10.44	10.11-10.77	1632139	ok	1653951	992371-2315531
Chlorobenzene-D5	14.68	ok	14.67	14.34-15.00	1523938	ok	1465364	879218-2051510

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.64	8.62	0.654	ok	0.658	0.598-0.718
1,3-Butadiene	4.57	8.62	0.530	ok	0.531	0.471-0.591
Benzene	10.12	10.45	0.968	ok	0.969	0.909-1.029
Bromodichloromethane	11.10	10.45	1.062	ok	1.062	1.002-1.122
Bromoform	15.43	14.68	1.051	ok	1.050	0.990-1.110
Bromomethane	4.85	8.62	0.563	ok	0.563	0.503-0.623
Bromoethene	5.37	8.62	0.623	ok	0.624	0.564-0.684
Benzyl Chloride	17.90	14.68	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.83	8.62	0.792	ok	0.794	0.734-0.854
Chlorobenzene	14.73	14.68	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.62	0.581	ok	0.583	0.523-0.643
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.22	8.62	0.490	ok	0.491	0.431-0.551
3-Chloropropene	6.64	8.62	0.770	ok	0.772	0.712-0.832
2-Chlorotoluene	17.00	14.68	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.25	8.62	1.189	ok	1.190	1.130-1.250
Cyclohexane	10.36	10.45	0.991	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.64	8.62	0.886	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.40	8.62	0.742	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.59	14.68	0.926	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.62	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.90	10.45	1.043	ok	1.044	0.984-1.104
1,4-Dioxane	11.18	10.45	1.070	ok	1.073	1.013-1.133
Dichlorodifluoromethane	4.06	8.62	0.471	ok	0.472	0.412-0.532
Dibromochloromethane	13.35	14.68	0.909	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.44	8.62	0.863	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.45	8.62	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.95	10.45	1.144	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.92	14.68	1.221	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.38	14.68	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.00	14.68	1.226	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.46	10.45	1.192	ok	1.192	1.132-1.252
Ethanol	5.21	8.62	0.604	ok	0.607	0.547-0.667
Ethylbenzene	15.11	14.68	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.69	8.62	1.008	ok	1.010	0.950-1.070
4-Ethyltoluene	17.18	14.68	1.170	ok	1.170	1.110-1.230
Freon 113	6.77	8.62	0.785	ok	0.787	0.727-0.847
Freon 114	4.32	8.62	0.501	ok	0.502	0.442-0.562
Heptane	11.36	10.45	1.087	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.68	1.414	ok	1.415	1.355-1.475
Hexane	8.62	8.62	1.000	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.18	14.68	0.898	ok	0.899	0.839-0.959
Isopropylbenzene	16.44	14.68	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.99	8.62	0.695	ok	0.696	0.636-0.756
Methylene chloride	6.53	8.62	0.758	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.07	8.62	0.936	ok	0.938	0.878-0.998
Methyl Isobutyl Ketone	12.01	10.45	1.149	ok	1.151	1.091-1.211
Methyl Tert Butyl Ether	7.72	8.62	0.896	ok	0.899	0.839-0.959
Nonane	15.98	14.68	1.089	ok	1.089	1.029-1.149
Pentane	6.12	8.62	0.710	ok	0.711	0.651-0.771
Propylene	3.99	8.62	0.463	ok	0.464	0.404-0.524
Styrene	15.69	14.68	1.069	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.68	8.62	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.82	14.68	1.078	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.64	10.45	1.210	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.27	14.68	1.381	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.74	14.68	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.27	14.68	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.12	10.45	1.064	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.58	8.62	0.763	ok	0.766	0.706-0.826
Tetrachloroethylene	14.02	14.68	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.16	8.62	1.063	ok	1.066	1.006-1.126
Toluene	12.90	10.45	1.234	ok	1.235	1.175-1.295
Trichloroethylene	11.12	10.45	1.064	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.77	8.62	0.669	ok	0.671	0.611-0.731
Vinyl chloride	4.44	8.62	0.515	ok	0.516	0.456-0.576
Vinyl Acetate	7.79	8.62	0.904	ok	0.905	0.845-0.965
m,p-Xylene	15.30	14.68	1.042	ok	1.042	0.982-1.102
o-Xylene	15.80	14.68	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.62	8.29-8.95	370314	ok	370262	222157-518367
1,4-Difluorobenzene	10.45	ok	10.44	10.11-10.77	1649653	ok	1653951	992371-2315531
Chlorobenzene-D5	14.68	ok	14.67	14.34-15.00	1530293	ok	1465364	879218-2051510

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	Reporting this level
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.68	8.62	0.659	ok	0.657	0.597-0.717
1,3-Butadiene	4.59	8.62	0.532	ok	0.532	0.472-0.592
Benzene	10.12	10.44	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.08	10.44	1.061	ok	1.062	1.002-1.122
Bromoform	15.39	14.67	1.049	ok	1.050	0.990-1.110
Bromomethane	4.86	8.62	0.564	ok	0.564	0.504-0.624
Bromoethene	5.40	8.62	0.626	ok	0.624	0.564-0.684
Benzyl Chloride	17.89	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.62	0.795	ok	0.794	0.734-0.854
Chlorobenzene	14.71	14.67	1.003	ok	1.003	0.943-1.063
Chloroethane	5.04	8.62	0.585	ok	0.583	0.523-0.643
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.23	8.62	0.491	ok	0.491	0.431-0.551
3-Chloropropene	6.66	8.62	0.773	ok	0.772	0.712-0.832
2-Chlorotoluene	16.97	14.67	1.157	ok	1.157	1.097-1.217
Carbon tetrachloride	10.26	8.62	1.190	ok	1.189	1.129-1.249
Cyclohexane	10.37	10.44	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.65	8.62	0.887	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.62	0.746	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.57	14.67	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.62	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.90	10.44	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.25	10.44	1.078	ok	1.072	1.012-1.132
Dichlorodifluoromethane	4.07	8.62	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.32	14.67	0.908	ok	0.909	0.849-0.969
trans-1,2-Dichloroethylene	7.46	8.62	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.62	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.93	10.44	1.143	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.90	14.67	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.37	14.67	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.97	14.67	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.44	10.44	1.192	ok	1.192	1.132-1.252
Ethanol	5.30	8.62	0.615	ok	0.609	0.549-0.669
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.72	8.62	1.012	ok	1.009	0.949-1.069
4-Ethyltoluene	17.16	14.67	1.170	ok	1.170	1.110-1.230
Freon 113	6.80	8.62	0.789	ok	0.788	0.728-0.848
Freon 114	4.33	8.62	0.502	ok	0.502	0.442-0.562
Heptane	11.36	10.44	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.67	1.415	ok	1.415	1.355-1.475
Hexane	8.64	8.62	1.002	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	Reporting this level
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.21	14.67	0.900	ok	0.899	0.839-0.959
Isopropylbenzene	16.42	14.67	1.119	ok	1.120	1.060-1.180
Isopropyl Alcohol	6.03	8.62	0.700	ok	0.695	0.635-0.755
Methylene chloride	6.55	8.62	0.760	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.11	8.62	0.941	ok	0.939	0.879-0.999
Methyl Isobutyl Ketone	12.02	10.44	1.151	ok	1.150	1.090-1.210
Methyl Tert Butyl Ether	7.76	8.62	0.900	ok	0.898	0.838-0.958
Nonane	15.97	14.67	1.089	ok	1.089	1.029-1.149
Pentane	6.14	8.62	0.712	ok	0.712	0.652-0.772
Propylene	4.01	8.62	0.465	ok	0.464	0.404-0.524
Styrene	15.67	14.67	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.68	8.62	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.79	14.67	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.61	10.44	1.208	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.28	14.67	1.382	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.71	14.67	1.207	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.25	14.67	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.12	10.44	1.065	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.66	8.62	0.773	ok	0.766	0.706-0.826
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.23	8.62	1.071	ok	1.065	1.005-1.125
Toluene	12.88	10.44	1.234	ok	1.234	1.174-1.294
Trichloroethylene	11.11	10.44	1.064	ok	1.064	1.004-1.124
Trichlorofluoromethane	5.79	8.62	0.672	ok	0.672	0.612-0.732
Vinyl chloride	4.45	8.62	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.80	8.62	0.905	ok	0.905	0.845-0.965
m,p-Xylene	15.28	14.67	1.042	ok	1.042	0.982-1.102
o-Xylene	15.78	14.67	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.63	8.30-8.96	419744	ok	428684	257210-600158
1,4-Difluorobenzene	10.44	ok	10.45	10.12-10.78	1843308	ok	1924799	1154879-2694719
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	1602957	ok	1734986	1040992-2428980

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	Reporting this level
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.70	8.62	0.661	ok	0.657	0.597-0.717
1,3-Butadiene	4.59	8.62	0.532	ok	0.532	0.472-0.592
Benzene	10.12	10.43	0.970	ok	0.969	0.909-1.029
Bromodichloromethane	11.09	10.43	1.063	ok	1.062	1.002-1.122
Bromoform	15.39	14.66	1.050	ok	1.050	0.990-1.110
Bromomethane	4.86	8.62	0.564	ok	0.564	0.504-0.624
Bromoethene	5.39	8.62	0.625	ok	0.624	0.564-0.684
Carbon disulfide	6.85	8.62	0.795	ok	0.794	0.734-0.854
Chlorobenzene	14.71	14.66	1.003	ok	1.003	0.943-1.063
Chloroethane	5.03	8.62	0.584	ok	0.583	0.523-0.643
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.24	8.62	0.492	ok	0.491	0.431-0.551
3-Chloropropene	6.66	8.62	0.773	ok	0.772	0.712-0.832
Carbon tetrachloride	10.26	8.62	1.190	ok	1.189	1.129-1.249
1,1-Dichloroethane	7.66	8.62	0.889	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.62	0.746	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.56	14.66	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.44	8.62	1.095	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.89	10.43	1.044	ok	1.044	0.984-1.104
Dichlorodifluoromethane	4.07	8.62	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.32	14.66	0.909	ok	0.909	0.849-0.969
trans-1,2-Dichloroethylene	7.46	8.62	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.62	0.981	ok	0.981	0.921-1.041
Freon 113	6.80	8.62	0.789	ok	0.788	0.728-0.848
Freon 114	4.33	8.62	0.502	ok	0.502	0.442-0.562
Hexachlorobutadiene	20.76	14.66	1.416	ok	1.415	1.355-1.475
Hexane	8.64	8.62	1.002	ok	1.001	0.941-1.061
Methylene chloride	6.55	8.62	0.760	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.14	8.62	0.944	ok	0.939	0.879-0.999
Methyl Tert Butyl Ether	7.79	8.62	0.904	ok	0.898	0.838-0.958
Pentane	6.15	8.62	0.713	ok	0.712	0.652-0.772
Propylene	4.00	8.62	0.464	ok	0.464	0.404-0.524
1,1,1-Trichloroethane	9.68	8.62	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.79	14.66	1.077	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.62	10.43	1.210	ok	1.209	1.149-1.269
Tetrachloroethylene	14.00	14.66	0.955	ok	0.955	0.895-1.015
Trichloroethylene	11.11	10.43	1.065	ok	1.064	1.004-1.124
Trichlorofluoromethane	5.80	8.62	0.673	ok	0.672	0.612-0.732
Vinyl chloride	4.46	8.62	0.517	ok	0.516	0.456-0.576
m,p-Xylene	15.28	14.66	1.042	ok	1.042	0.982-1.102

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	Reporting this level
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.63	8.30-8.96	410191	ok	428684	257210-600158
1,4-Difluorobenzene	10.43	ok	10.45	10.12-10.78	1809825	ok	1924799	1154879-2694719
Chlorobenzene-D5	14.66	ok	14.67	14.34-15.00	1513108	ok	1734986	1040992-2428980

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	Reporting this level
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.66	8.64	0.655	ok	0.657	0.597-0.717
1,3-Butadiene	4.59	8.64	0.531	ok	0.532	0.472-0.592
Benzene	10.14	10.47	0.968	ok	0.969	0.909-1.029
Bromodichloromethane	11.12	10.47	1.062	ok	1.062	1.002-1.122
Bromoform	15.44	14.70	1.050	ok	1.050	0.990-1.110
Bromomethane	4.86	8.64	0.562	ok	0.564	0.504-0.624
Bromoethene	5.39	8.64	0.624	ok	0.624	0.564-0.684
Benzyl Chloride	17.90	14.70	1.218	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.64	0.793	ok	0.794	0.734-0.854
Chlorobenzene	14.74	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	5.03	8.64	0.582	ok	0.583	0.523-0.643
Chloroform	8.77	8.64	1.015	ok	1.014	0.954-1.074
Chloromethane	4.24	8.64	0.491	ok	0.491	0.431-0.551
3-Chloropropene	6.67	8.64	0.772	ok	0.772	0.712-0.832
2-Chlorotoluene	17.00	14.70	1.156	ok	1.157	1.097-1.217
Carbon tetrachloride	10.27	8.64	1.189	ok	1.189	1.129-1.249
Cyclohexane	10.38	10.47	0.991	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.67	8.64	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.64	0.744	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.61	14.70	0.926	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.48	8.64	1.097	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.93	10.47	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.20	10.47	1.070	ok	1.072	1.012-1.132
Dichlorodifluoromethane	4.07	8.64	0.471	ok	0.472	0.412-0.532
Dibromochloromethane	13.36	14.70	0.909	ok	0.909	0.849-0.969
trans-1,2-Dichloroethylene	7.46	8.64	0.863	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.47	8.64	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.96	10.47	1.142	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.92	14.70	1.219	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.38	14.70	1.250	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.00	14.70	1.224	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.47	10.47	1.191	ok	1.192	1.132-1.252
Ethanol	5.23	8.64	0.605	ok	0.609	0.549-0.669
Ethylbenzene	15.12	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.72	8.64	1.009	ok	1.009	0.949-1.069
4-Ethyltoluene	17.19	14.70	1.169	ok	1.170	1.110-1.230
Freon 113	6.80	8.64	0.787	ok	0.788	0.728-0.848
Freon 114	4.33	8.64	0.501	ok	0.502	0.442-0.562
Heptane	11.38	10.47	1.087	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.70	1.412	ok	1.415	1.355-1.475
Hexane	8.64	8.64	1.000	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	Reporting this level
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.20	14.70	0.898	ok	0.899	0.839-0.959
Isopropylbenzene	16.45	14.70	1.119	ok	1.120	1.060-1.180
Isopropyl Alcohol	6.03	8.64	0.698	ok	0.695	0.635-0.755
Methylene chloride	6.55	8.64	0.758	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.10	8.64	0.938	ok	0.939	0.879-0.999
Methyl Isobutyl Ketone	12.03	10.47	1.149	ok	1.150	1.090-1.210
Methyl Tert Butyl Ether	7.74	8.64	0.896	ok	0.898	0.838-0.958
Nonane	15.99	14.70	1.088	ok	1.089	1.029-1.149
Pentane	6.14	8.64	0.711	ok	0.712	0.652-0.772
Propylene	4.00	8.64	0.463	ok	0.464	0.404-0.524
Styrene	15.70	14.70	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.70	8.64	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.83	14.70	1.077	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.66	10.47	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.27	14.70	1.379	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.74	14.70	1.207	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.27	14.70	1.175	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.14	10.47	1.064	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.65	8.64	0.770	ok	0.766	0.706-0.826
Tetrachloroethylene	14.03	14.70	0.954	ok	0.955	0.895-1.015
Tetrahydrofuran	9.18	8.64	1.062	ok	1.065	1.005-1.125
Toluene	12.91	10.47	1.233	ok	1.234	1.174-1.294
Trichloroethylene	11.14	10.47	1.064	ok	1.064	1.004-1.124
Trichlorofluoromethane	5.80	8.64	0.671	ok	0.672	0.612-0.732
Vinyl chloride	4.45	8.64	0.515	ok	0.516	0.456-0.576
Vinyl Acetate	7.82	8.64	0.905	ok	0.905	0.845-0.965
m,p-Xylene	15.31	14.70	1.041	ok	1.042	0.982-1.102
o-Xylene	15.81	14.70	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.64	ok	8.63	8.30-8.96	426129	ok	428684	257210-600158
1,4-Difluorobenzene	10.47	ok	10.45	10.12-10.78	1871381	ok	1924799	1154879-2694719
Chlorobenzene-D5	14.70	ok	14.67	14.34-15.00	1859953	ok	1734986	1040992-2428980

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	Reporting this level
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.65	8.63	0.655	ok	0.657	0.597-0.717
1,3-Butadiene	4.58	8.63	0.531	ok	0.532	0.472-0.592
Benzene	10.13	10.45	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.10	10.45	1.062	ok	1.062	1.002-1.122
Bromoform	15.42	14.68	1.050	ok	1.050	0.990-1.110
Bromomethane	4.86	8.63	0.563	ok	0.564	0.504-0.624
Bromoethene	5.38	8.63	0.623	ok	0.624	0.564-0.684
Benzyl Chloride	17.90	14.68	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.63	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.73	14.68	1.003	ok	1.003	0.943-1.063
Chloroethane	5.03	8.63	0.583	ok	0.583	0.523-0.643
Chloroform	8.76	8.63	1.015	ok	1.014	0.954-1.074
Chloromethane	4.23	8.63	0.490	ok	0.491	0.431-0.551
3-Chloropropene	6.66	8.63	0.772	ok	0.772	0.712-0.832
2-Chlorotoluene	16.99	14.68	1.157	ok	1.157	1.097-1.217
Carbon tetrachloride	10.26	8.63	1.189	ok	1.189	1.129-1.249
Cyclohexane	10.38	10.45	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.66	8.63	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	8.63	0.744	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.59	14.68	0.926	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.47	8.63	1.097	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.91	10.45	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.18	10.45	1.070	ok	1.072	1.012-1.132
Dichlorodifluoromethane	4.07	8.63	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.35	14.68	0.909	ok	0.909	0.849-0.969
trans-1,2-Dichloroethylene	7.46	8.63	0.864	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.47	8.63	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.95	10.45	1.144	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.92	14.68	1.221	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.38	14.68	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.99	14.68	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.46	10.45	1.192	ok	1.192	1.132-1.252
Ethanol	5.24	8.63	0.607	ok	0.609	0.549-0.669
Ethylbenzene	15.10	14.68	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.70	8.63	1.008	ok	1.009	0.949-1.069
4-Ethyltoluene	17.18	14.68	1.170	ok	1.170	1.110-1.230
Freon 113	6.79	8.63	0.787	ok	0.788	0.728-0.848
Freon 114	4.33	8.63	0.502	ok	0.502	0.442-0.562
Heptane	11.37	10.45	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.68	1.414	ok	1.415	1.355-1.475
Hexane	8.64	8.63	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	Reporting this level
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.19	14.68	0.899	ok	0.899	0.839-0.959
Isopropylbenzene	16.44	14.68	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	6.00	8.63	0.695	ok	0.695	0.635-0.755
Methylene chloride	6.55	8.63	0.759	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.09	8.63	0.937	ok	0.939	0.879-0.999
Methyl Isobutyl Ketone	12.01	10.45	1.149	ok	1.150	1.090-1.210
Methyl Tert Butyl Ether	7.74	8.63	0.897	ok	0.898	0.838-0.958
Nonane	15.98	14.68	1.089	ok	1.089	1.029-1.149
Pentane	6.13	8.63	0.710	ok	0.712	0.652-0.772
Propylene	4.00	8.63	0.463	ok	0.464	0.404-0.524
Styrene	15.69	14.68	1.069	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.69	8.63	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.81	14.68	1.077	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.64	10.45	1.210	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.27	14.68	1.381	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.73	14.68	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.27	14.68	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.13	10.45	1.065	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.60	8.63	0.765	ok	0.766	0.706-0.826
Tetrachloroethylene	14.02	14.68	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.18	8.63	1.064	ok	1.065	1.005-1.125
Toluene	12.90	10.45	1.234	ok	1.234	1.174-1.294
Trichloroethylene	11.13	10.45	1.065	ok	1.064	1.004-1.124
Trichlorofluoromethane	5.79	8.63	0.671	ok	0.672	0.612-0.732
Vinyl chloride	4.45	8.63	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.81	8.63	0.905	ok	0.905	0.845-0.965
m,p-Xylene	15.30	14.68	1.042	ok	1.042	0.982-1.102
o-Xylene	15.80	14.68	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.63	8.30-8.96	454420	ok	428684	257210-600158
1,4-Difluorobenzene	10.45	ok	10.45	10.12-10.78	2027697	ok	1924799	1154879-2694719
Chlorobenzene-D5	14.68	ok	14.67	14.34-15.00	1910580	ok	1734986	1040992-2428980

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	Reporting this level
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.66	8.63	0.656	ok	0.657	0.597-0.717
1,3-Butadiene	4.58	8.63	0.531	ok	0.532	0.472-0.592
Benzene	10.12	10.45	0.968	ok	0.969	0.909-1.029
Bromodichloromethane	11.09	10.45	1.061	ok	1.062	1.002-1.122
Bromoform	15.40	14.67	1.050	ok	1.050	0.990-1.110
Bromomethane	4.86	8.63	0.563	ok	0.564	0.504-0.624
Bromoethene	5.38	8.63	0.623	ok	0.624	0.564-0.684
Benzyl Chloride	17.89	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.63	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.72	14.67	1.003	ok	1.003	0.943-1.063
Chloroethane	5.03	8.63	0.583	ok	0.583	0.523-0.643
Chloroform	8.75	8.63	1.014	ok	1.014	0.954-1.074
Chloromethane	4.23	8.63	0.490	ok	0.491	0.431-0.551
3-Chloropropene	6.66	8.63	0.772	ok	0.772	0.712-0.832
2-Chlorotoluene	16.99	14.67	1.158	ok	1.157	1.097-1.217
Carbon tetrachloride	10.26	8.63	1.189	ok	1.189	1.129-1.249
Cyclohexane	10.37	10.45	0.992	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.66	8.63	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	8.63	0.744	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.58	14.67	0.926	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.63	1.095	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.90	10.45	1.043	ok	1.044	0.984-1.104
1,4-Dioxane	11.18	10.45	1.070	ok	1.072	1.012-1.132
Dichlorodifluoromethane	4.07	8.63	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.33	14.67	0.909	ok	0.909	0.849-0.969
trans-1,2-Dichloroethylene	7.46	8.63	0.864	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.63	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.94	10.45	1.143	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.91	14.67	1.221	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.37	14.67	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.99	14.67	1.226	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.45	10.45	1.191	ok	1.192	1.132-1.252
Ethanol	5.23	8.63	0.606	ok	0.609	0.549-0.669
Ethylbenzene	15.10	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.70	8.63	1.008	ok	1.009	0.949-1.069
4-Ethyltoluene	17.17	14.67	1.170	ok	1.170	1.110-1.230
Freon 113	6.79	8.63	0.787	ok	0.788	0.728-0.848
Freon 114	4.32	8.63	0.501	ok	0.502	0.442-0.562
Heptane	11.36	10.45	1.087	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.67	1.415	ok	1.415	1.355-1.475
Hexane	8.63	8.63	1.000	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	Reporting this level
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.18	14.67	0.898	ok	0.899	0.839-0.959
Isopropylbenzene	16.43	14.67	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.98	8.63	0.693	ok	0.695	0.635-0.755
Methylene chloride	6.55	8.63	0.759	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.08	8.63	0.936	ok	0.939	0.879-0.999
Methyl Isobutyl Ketone	12.00	10.45	1.148	ok	1.150	1.090-1.210
Methyl Tert Butyl Ether	7.73	8.63	0.896	ok	0.898	0.838-0.958
Nonane	15.98	14.67	1.089	ok	1.089	1.029-1.149
Pentane	6.13	8.63	0.710	ok	0.712	0.652-0.772
Propylene	4.00	8.63	0.463	ok	0.464	0.404-0.524
Styrene	15.67	14.67	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.68	8.63	1.122	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.80	14.67	1.077	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.63	10.45	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.27	14.67	1.382	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.72	14.67	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.26	14.67	1.177	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.12	10.45	1.064	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.57	8.63	0.761	ok	0.766	0.706-0.826
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.18	8.63	1.064	ok	1.065	1.005-1.125
Toluene	12.89	10.45	1.233	ok	1.234	1.174-1.294
Trichloroethylene	11.12	10.45	1.064	ok	1.064	1.004-1.124
Trichlorofluoromethane	5.79	8.63	0.671	ok	0.672	0.612-0.732
Vinyl chloride	4.45	8.63	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.81	8.63	0.905	ok	0.905	0.845-0.965
m,p-Xylene	15.29	14.67	1.042	ok	1.042	0.982-1.102
o-Xylene	15.79	14.67	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.63	8.30-8.96	435479	ok	428684	257210-600158
1,4-Difluorobenzene	10.45	ok	10.45	10.12-10.78	1969866	ok	1924799	1154879-2694719
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	1764652	ok	1734986	1040992-2428980

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	Reporting this level
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.68	8.63	0.658	ok	0.657	0.597-0.717
1,3-Butadiene	4.58	8.63	0.531	ok	0.532	0.472-0.592
Benzene	10.12	10.44	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.09	10.44	1.062	ok	1.062	1.002-1.122
Bromoform	15.40	14.67	1.050	ok	1.050	0.990-1.110
Bromomethane	4.87	8.63	0.564	ok	0.564	0.504-0.624
Bromoethene	5.39	8.63	0.625	ok	0.624	0.564-0.684
Benzyl Chloride	17.89	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.63	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.72	14.67	1.003	ok	1.003	0.943-1.063
Chloroethane	5.04	8.63	0.584	ok	0.583	0.523-0.643
Chloroform	8.74	8.63	1.013	ok	1.014	0.954-1.074
Chloromethane	4.24	8.63	0.491	ok	0.491	0.431-0.551
3-Chloropropene	6.66	8.63	0.772	ok	0.772	0.712-0.832
2-Chlorotoluene	16.98	14.67	1.157	ok	1.157	1.097-1.217
Carbon tetrachloride	10.26	8.63	1.189	ok	1.189	1.129-1.249
Cyclohexane	10.37	10.44	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.66	8.63	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.63	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.57	14.67	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.63	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.90	10.44	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.20	10.44	1.073	ok	1.072	1.012-1.132
Dichlorodifluoromethane	4.07	8.63	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.33	14.67	0.909	ok	0.909	0.849-0.969
trans-1,2-Dichloroethylene	7.46	8.63	0.864	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.63	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.94	10.44	1.144	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.90	14.67	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.37	14.67	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.98	14.67	1.226	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.44	10.44	1.192	ok	1.192	1.132-1.252
Ethanol	5.26	8.63	0.610	ok	0.609	0.549-0.669
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.70	8.63	1.008	ok	1.009	0.949-1.069
4-Ethyltoluene	17.17	14.67	1.170	ok	1.170	1.110-1.230
Freon 113	6.80	8.63	0.788	ok	0.788	0.728-0.848
Freon 114	4.33	8.63	0.502	ok	0.502	0.442-0.562
Heptane	11.36	10.44	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.67	1.415	ok	1.415	1.355-1.475
Hexane	8.63	8.63	1.000	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	Reporting this level
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.19	14.67	0.899	ok	0.899	0.839-0.959
Isopropylbenzene	16.43	14.67	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.97	8.63	0.692	ok	0.695	0.635-0.755
Methylene chloride	6.55	8.63	0.759	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.09	8.63	0.937	ok	0.939	0.879-0.999
Methyl Isobutyl Ketone	12.01	10.44	1.150	ok	1.150	1.090-1.210
Methyl Tert Butyl Ether	7.75	8.63	0.898	ok	0.898	0.838-0.958
Nonane	15.97	14.67	1.089	ok	1.089	1.029-1.149
Pentane	6.14	8.63	0.711	ok	0.712	0.652-0.772
Propylene	4.00	8.63	0.463	ok	0.464	0.404-0.524
Styrene	15.67	14.67	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.68	8.63	1.122	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.80	14.67	1.077	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.63	10.44	1.210	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.27	14.67	1.382	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.72	14.67	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.26	14.67	1.177	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.12	10.44	1.065	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.57	8.63	0.761	ok	0.766	0.706-0.826
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.19	8.63	1.065	ok	1.065	1.005-1.125
Toluene	12.89	10.44	1.235	ok	1.234	1.174-1.294
Trichloroethylene	11.11	10.44	1.064	ok	1.064	1.004-1.124
Trichlorofluoromethane	5.80	8.63	0.672	ok	0.672	0.612-0.732
Vinyl chloride	4.46	8.63	0.517	ok	0.516	0.456-0.576
Vinyl Acetate	7.81	8.63	0.905	ok	0.905	0.845-0.965
m,p-Xylene	15.27	14.67	1.041	ok	1.042	0.982-1.102
o-Xylene	15.78	14.67	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.63	8.30-8.96	438436	ok	428684	257210-600158
1,4-Difluorobenzene	10.44	ok	10.45	10.12-10.78	2029733	ok	1924799	1154879-2694719
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	1791020	ok	1734986	1040992-2428980

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.67	8.62	0.658	ok	0.657	0.597-0.717
1,3-Butadiene	4.59	8.62	0.532	ok	0.532	0.472-0.592
Benzene	10.12	10.44	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.08	10.44	1.061	ok	1.062	1.002-1.122
Bromoform	15.40	14.67	1.050	ok	1.050	0.990-1.110
Bromomethane	4.86	8.62	0.564	ok	0.564	0.504-0.624
Bromoethene	5.38	8.62	0.624	ok	0.624	0.564-0.684
Benzyl Chloride	17.89	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.62	0.795	ok	0.794	0.734-0.854
Chlorobenzene	14.71	14.67	1.003	ok	1.003	0.943-1.063
Chloroethane	5.03	8.62	0.584	ok	0.583	0.523-0.643
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.24	8.62	0.492	ok	0.491	0.431-0.551
3-Chloropropene	6.66	8.62	0.773	ok	0.772	0.712-0.832
2-Chlorotoluene	16.98	14.67	1.157	ok	1.157	1.097-1.217
Carbon tetrachloride	10.26	8.62	1.190	ok	1.189	1.129-1.249
Cyclohexane	10.37	10.44	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.66	8.62	0.889	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.62	0.746	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.57	14.67	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.62	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.90	10.44	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.20	10.44	1.073	ok	1.072	1.012-1.132
Dichlorodifluoromethane	4.07	8.62	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.32	14.67	0.908	ok	0.909	0.849-0.969
trans-1,2-Dichloroethylene	7.46	8.62	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.62	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.94	10.44	1.144	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.90	14.67	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.37	14.67	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.98	14.67	1.226	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.44	10.44	1.192	ok	1.192	1.132-1.252
Ethanol	5.25	8.62	0.609	ok	0.609	0.549-0.669
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.70	8.62	1.009	ok	1.009	0.949-1.069
4-Ethyltoluene	17.16	14.67	1.170	ok	1.170	1.110-1.230
Freon 113	6.79	8.62	0.788	ok	0.788	0.728-0.848
Freon 114	4.33	8.62	0.502	ok	0.502	0.442-0.562
Heptane	11.35	10.44	1.087	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.67	1.415	ok	1.415	1.355-1.475
Hexane	8.63	8.62	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.19	14.67	0.899	ok	0.899	0.839-0.959
Isopropylbenzene	16.42	14.67	1.119	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.97	8.62	0.693	ok	0.695	0.635-0.755
Methylene chloride	6.55	8.62	0.760	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.09	8.62	0.939	ok	0.939	0.879-0.999
Methyl Isobutyl Ketone	12.00	10.44	1.149	ok	1.150	1.090-1.210
Methyl Tert Butyl Ether	7.74	8.62	0.898	ok	0.898	0.838-0.958
Nonane	15.97	14.67	1.089	ok	1.089	1.029-1.149
Pentane	6.14	8.62	0.712	ok	0.712	0.652-0.772
Propylene	4.00	8.62	0.464	ok	0.464	0.404-0.524
Styrene	15.67	14.67	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.68	8.62	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.79	14.67	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.62	10.44	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.27	14.67	1.382	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.72	14.67	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.25	14.67	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.12	10.44	1.065	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.59	8.62	0.765	ok	0.766	0.706-0.826
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.20	8.62	1.067	ok	1.065	1.005-1.125
Toluene	12.88	10.44	1.234	ok	1.234	1.174-1.294
Trichloroethylene	11.11	10.44	1.064	ok	1.064	1.004-1.124
Trichlorofluoromethane	5.79	8.62	0.672	ok	0.672	0.612-0.732
Vinyl chloride	4.45	8.62	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.80	8.62	0.905	ok	0.905	0.845-0.965
m,p-Xylene	15.28	14.67	1.042	ok	1.042	0.982-1.102
o-Xylene	15.78	14.67	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.63	8.30-8.96	416388	ok	428684	257210-600158
1,4-Difluorobenzene	10.44	ok	10.45	10.12-10.78	1921784	ok	1924799	1154879-2694719
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	1702630	ok	1734986	1040992-2428980

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ201-IC201	Q3715.D	06/14/07 11:26	PB	40	GCMSQ	TO-15	Reporting this level
MSQ201-IC201	Q3716.D	06/14/07 12:07	PB	.5	GCMSQ	TO-15	
MSQ201-IC201	Q3717.D	06/14/07 13:43	PB	.2	GCMSQ	TO-15	
MSQ201-ICC201	Q3718.D	06/14/07 14:23	PB	10	GCMSQ	TO-15	
MSQ201-IC201	Q3719.D	06/14/07 15:04	PB	5	GCMSQ	TO-15	
MSQ201-IC201	Q3720.D	06/14/07 15:41	PB	2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.21	8.43	0.618	ok	0.618	0.558-0.678
1,3-Butadiene	4.14	8.43	0.491	ok	0.491	0.431-0.551
Benzene	10.02	10.36	0.967	ok	0.967	0.907-1.027
Bromodichloromethane	11.02	10.36	1.064	ok	1.064	1.004-1.124
Bromoform	15.43	14.70	1.050	ok	1.049	0.989-1.109
Bromomethane	4.42	8.43	0.524	ok	0.524	0.464-0.584
Bromoethene	4.96	8.43	0.588	ok	0.588	0.528-0.648
Benzyl Chloride	17.94	14.70	1.220	ok	1.221	1.161-1.281
Carbon disulfide	6.54	8.43	0.776	ok	0.776	0.716-0.836
Chlorobenzene	14.75	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	4.59	8.43	0.544	ok	0.544	0.484-0.604
Chloroform	8.57	8.43	1.017	ok	1.016	0.956-1.076
Chloromethane	3.78	8.43	0.448	ok	0.448	0.388-0.508
3-Chloropropene	6.34	8.43	0.752	ok	0.752	0.692-0.812
2-Chlorotoluene	17.04	14.70	1.159	ok	1.159	1.099-1.219
Carbon tetrachloride	10.17	8.43	1.206	ok	1.206	1.146-1.266
Cyclohexane	10.29	10.36	0.993	ok	0.994	0.934-1.054
1,1-Dichloroethane	7.41	8.43	0.879	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.09	8.43	0.722	ok	0.722	0.662-0.782
1,2-Dibromoethane	13.58	14.70	0.924	ok	0.924	0.864-0.984
1,2-Dichloroethane	9.31	8.43	1.104	ok	1.104	1.044-1.164
1,2-Dichloropropane	10.83	10.36	1.045	ok	1.045	0.985-1.105
1,4-Dioxane	11.05	10.36	1.067	ok	1.068	1.008-1.128
Dichlorodifluoromethane	3.61	8.43	0.428	ok	0.428	0.368-0.488
Dibromochloromethane	13.33	14.70	0.907	ok	0.907	0.847-0.967
trans-1,2-Dichloroethylene	7.19	8.43	0.853	ok	0.854	0.794-0.914
cis-1,2-Dichloroethylene	8.26	8.43	0.980	ok	0.979	0.919-1.039
cis-1,3-Dichloropropene	11.90	10.36	1.149	ok	1.150	1.090-1.210
m-Dichlorobenzene	17.96	14.70	1.222	ok	1.222	1.162-1.282
o-Dichlorobenzene	18.42	14.70	1.253	ok	1.254	1.194-1.314
p-Dichlorobenzene	18.03	14.70	1.227	ok	1.227	1.167-1.287
trans-1,3-Dichloropropene	12.42	10.36	1.199	ok	1.200	1.140-1.260
Ethanol	4.73	8.43	0.561	ok	0.559	0.499-0.619
Ethylbenzene	15.13	14.70	1.029	ok	1.030	0.970-1.090
Ethyl Acetate	8.48	8.43	1.006	ok	1.005	0.945-1.065
4-Ethyltoluene	17.23	14.70	1.172	ok	1.172	1.112-1.232
Freon 113	6.48	8.43	0.769	ok	0.769	0.709-0.829
Freon 114	3.87	8.43	0.459	ok	0.460	0.400-0.520
Heptane	11.33	10.36	1.094	ok	1.094	1.034-1.154
Hexachlorobutadiene	20.81	14.70	1.416	ok	1.416	1.356-1.476
Hexane	8.46	8.43	1.004	ok	1.004	0.944-1.064
2-Hexanone	13.12	14.70	0.893	ok	0.893	0.833-0.953

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ201-IC201	Q3715.D	06/14/07 11:26	PB	40	GCMSQ	TO-15	Reporting this level
MSQ201-IC201	Q3716.D	06/14/07 12:07	PB	.5	GCMSQ	TO-15	
MSQ201-IC201	Q3717.D	06/14/07 13:43	PB	.2	GCMSQ	TO-15	
MSQ201-ICC201	Q3718.D	06/14/07 14:23	PB	10	GCMSQ	TO-15	
MSQ201-IC201	Q3719.D	06/14/07 15:04	PB	5	GCMSQ	TO-15	
MSQ201-IC201	Q3720.D	06/14/07 15:41	PB	2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Isopropylbenzene	16.48	14.70	1.121	ok	1.121	1.061-1.181
Isopropyl Alcohol	5.49	8.43	0.651	ok	0.650	0.590-0.710
Methylene chloride	6.21	8.43	0.737	ok	0.737	0.677-0.797
Methyl ethyl ketone	7.81	8.43	0.926	ok	0.926	0.866-0.986
Methyl Isobutyl Ketone	11.92	10.36	1.151	ok	1.151	1.091-1.211
Methyl Tert Butyl Ether	7.46	8.43	0.885	ok	0.886	0.826-0.946
Nonane	16.04	14.70	1.091	ok	1.091	1.031-1.151
Pentane	5.79	8.43	0.687	ok	0.686	0.626-0.746
Propylene	3.54	8.43	0.420	ok	0.420	0.360-0.480
Styrene	15.71	14.70	1.069	ok	1.069	1.009-1.129
1,1,1-Trichloroethane	9.56	8.43	1.134	ok	1.134	1.074-1.194
1,1,2,2-Tetrachloroethane	15.82	14.70	1.076	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.61	10.36	1.217	ok	1.217	1.157-1.277
1,2,4-Trichlorobenzene	20.32	14.70	1.382	ok	1.384	1.324-1.444
1,2,4-Trimethylbenzene	17.78	14.70	1.210	ok	1.210	1.150-1.270
1,3,5-Trimethylbenzene	17.31	14.70	1.178	ok	1.178	1.118-1.238
2,2,4-Trimethylpentane	11.08	10.36	1.069	ok	1.070	1.010-1.130
Tertiary Butyl Alcohol	6.13	8.43	0.727	ok	0.726	0.666-0.786
Tetrachloroethylene	14.04	14.70	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	8.97	8.43	1.064	ok	1.064	1.004-1.124
Toluene	12.88	10.36	1.243	ok	1.244	1.184-1.304
Trichloroethylene	11.06	10.36	1.068	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.41	8.43	0.642	ok	0.641	0.581-0.701
Vinyl chloride	4.00	8.43	0.474	ok	0.475	0.415-0.535
Vinyl Acetate	7.55	8.43	0.896	ok	0.895	0.835-0.955
m,p-Xylene	15.33	14.70	1.043	ok	1.042	0.982-1.102
o-Xylene	15.83	14.70	1.077	ok	1.077	1.017-1.137

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.43	ok	8.43	8.10-8.76	48331	ok	51134	30680-71588
1,4-Difluorobenzene	10.36	ok	10.35	10.02-10.68	328560	ok	283773	170264-397282
Chlorobenzene-D5	14.70	ok	14.69	14.36-15.02	271876	ok	242523	145514-339532

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ201-IC201	Q3715.D	06/14/07 11:26	PB	40	GCMSQ	TO-15	
MSQ201-IC201	Q3716.D	06/14/07 12:07	PB	.5	GCMSQ	TO-15	Reporting this level
MSQ201-IC201	Q3717.D	06/14/07 13:43	PB	.2	GCMSQ	TO-15	
MSQ201-ICC201	Q3718.D	06/14/07 14:23	PB	10	GCMSQ	TO-15	
MSQ201-IC201	Q3719.D	06/14/07 15:04	PB	5	GCMSQ	TO-15	
MSQ201-IC201	Q3720.D	06/14/07 15:41	PB	2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.22	8.43	0.619	ok	0.618	0.558-0.678
1,3-Butadiene	4.14	8.43	0.491	ok	0.491	0.431-0.551
Benzene	10.01	10.35	0.967	ok	0.967	0.907-1.027
Bromodichloromethane	11.02	10.35	1.065	ok	1.064	1.004-1.124
Bromoform	15.41	14.69	1.049	ok	1.049	0.989-1.109
Bromomethane	4.42	8.43	0.524	ok	0.524	0.464-0.584
Bromoethene	4.96	8.43	0.588	ok	0.588	0.528-0.648
Benzyl Chloride	17.94	14.69	1.221	ok	1.221	1.161-1.281
Carbon disulfide	6.54	8.43	0.776	ok	0.776	0.716-0.836
Chlorobenzene	14.74	14.69	1.003	ok	1.003	0.943-1.063
Chloroethane	4.59	8.43	0.544	ok	0.544	0.484-0.604
Chloroform	8.56	8.43	1.015	ok	1.016	0.956-1.076
Chloromethane	3.78	8.43	0.448	ok	0.448	0.388-0.508
3-Chloropropene	6.34	8.43	0.752	ok	0.752	0.692-0.812
2-Chlorotoluene	17.02	14.69	1.159	ok	1.159	1.099-1.219
Carbon tetrachloride	10.17	8.43	1.206	ok	1.206	1.146-1.266
Cyclohexane	10.28	10.35	0.993	ok	0.994	0.934-1.054
1,1-Dichloroethane	7.40	8.43	0.878	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.10	8.43	0.724	ok	0.722	0.662-0.782
1,2-Dibromoethane	13.56	14.69	0.923	ok	0.924	0.864-0.984
1,2-Dichloroethane	9.31	8.43	1.104	ok	1.104	1.044-1.164
1,2-Dichloropropane	10.82	10.35	1.045	ok	1.045	0.985-1.105
1,4-Dioxane	11.06	10.35	1.069	ok	1.068	1.008-1.128
Dichlorodifluoromethane	3.61	8.43	0.428	ok	0.428	0.368-0.488
Dibromochloromethane	13.32	14.69	0.907	ok	0.907	0.847-0.967
trans-1,2-Dichloroethylene	7.20	8.43	0.854	ok	0.854	0.794-0.914
cis-1,2-Dichloroethylene	8.25	8.43	0.979	ok	0.979	0.919-1.039
cis-1,3-Dichloropropene	11.90	10.35	1.150	ok	1.150	1.090-1.210
m-Dichlorobenzene	17.96	14.69	1.223	ok	1.222	1.162-1.282
o-Dichlorobenzene	18.42	14.69	1.254	ok	1.254	1.194-1.314
p-Dichlorobenzene	18.03	14.69	1.227	ok	1.227	1.167-1.287
trans-1,3-Dichloropropene	12.42	10.35	1.200	ok	1.200	1.140-1.260
Ethanol	4.71	8.43	0.559	ok	0.559	0.499-0.619
Ethylbenzene	15.13	14.69	1.030	ok	1.030	0.970-1.090
Ethyl Acetate	8.47	8.43	1.005	ok	1.005	0.945-1.065
4-Ethyltoluene	17.23	14.69	1.173	ok	1.172	1.112-1.232
Freon 113	6.48	8.43	0.769	ok	0.769	0.709-0.829
Freon 114	3.88	8.43	0.460	ok	0.460	0.400-0.520
Heptane	11.32	10.35	1.094	ok	1.094	1.034-1.154
Hexachlorobutadiene	20.81	14.69	1.417	ok	1.416	1.356-1.476
Hexane	8.48	8.43	1.006	ok	1.004	0.944-1.064
2-Hexanone	13.12	14.69	0.893	ok	0.893	0.833-0.953

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ201-IC201	Q3715.D	06/14/07 11:26	PB	40	GCMSQ	TO-15	
MSQ201-IC201	Q3716.D	06/14/07 12:07	PB	.5	GCMSQ	TO-15	Reporting this level
MSQ201-IC201	Q3717.D	06/14/07 13:43	PB	.2	GCMSQ	TO-15	
MSQ201-ICC201	Q3718.D	06/14/07 14:23	PB	10	GCMSQ	TO-15	
MSQ201-IC201	Q3719.D	06/14/07 15:04	PB	5	GCMSQ	TO-15	
MSQ201-IC201	Q3720.D	06/14/07 15:41	PB	2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Isopropylbenzene	16.48	14.69	1.122	ok	1.121	1.061-1.181
Isopropyl Alcohol	5.47	8.43	0.649	ok	0.650	0.590-0.710
Methylene chloride	6.21	8.43	0.737	ok	0.737	0.677-0.797
Methyl ethyl ketone	7.82	8.43	0.928	ok	0.926	0.866-0.986
Methyl Isobutyl Ketone	11.92	10.35	1.152	ok	1.151	1.091-1.211
Methyl Tert Butyl Ether	7.47	8.43	0.886	ok	0.886	0.826-0.946
Nonane	16.03	14.69	1.091	ok	1.091	1.031-1.151
Pentane	5.79	8.43	0.687	ok	0.686	0.626-0.746
Propylene	3.54	8.43	0.420	ok	0.420	0.360-0.480
Styrene	15.72	14.69	1.070	ok	1.069	1.009-1.129
1,1,1-Trichloroethane	9.55	8.43	1.133	ok	1.134	1.074-1.194
1,1,2,2-Tetrachloroethane	15.81	14.69	1.076	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.60	10.35	1.217	ok	1.217	1.157-1.277
1,2,4-Trichlorobenzene	20.32	14.69	1.383	ok	1.384	1.324-1.444
1,2,4-Trimethylbenzene	17.78	14.69	1.210	ok	1.210	1.150-1.270
1,3,5-Trimethylbenzene	17.30	14.69	1.178	ok	1.178	1.118-1.238
2,2,4-Trimethylpentane	11.08	10.35	1.071	ok	1.070	1.010-1.130
Tertiary Butyl Alcohol	6.13	8.43	0.727	ok	0.726	0.666-0.786
Tetrachloroethylene	14.03	14.69	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	8.98	8.43	1.065	ok	1.064	1.004-1.124
Toluene	12.88	10.35	1.244	ok	1.244	1.184-1.304
Trichloroethylene	11.05	10.35	1.068	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.40	8.43	0.641	ok	0.641	0.581-0.701
Vinyl chloride	4.00	8.43	0.474	ok	0.475	0.415-0.535
Vinyl Acetate	7.55	8.43	0.896	ok	0.895	0.835-0.955
m,p-Xylene	15.29	14.69	1.041	ok	1.042	0.982-1.102
o-Xylene	15.82	14.69	1.077	ok	1.077	1.017-1.137

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.43	ok	8.43	8.10-8.76	48809	ok	51134	30680-71588
1,4-Difluorobenzene	10.35	ok	10.35	10.02-10.68	306401	ok	283773	170264-397282
Chlorobenzene-D5	14.69	ok	14.69	14.36-15.02	196000	ok	242523	145514-339532

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ201-IC201	Q3715.D	06/14/07 11:26	PB	40	GCMSQ	TO-15	
MSQ201-IC201	Q3716.D	06/14/07 12:07	PB	.5	GCMSQ	TO-15	
MSQ201-IC201	Q3717.D	06/14/07 13:43	PB	.2	GCMSQ	TO-15	Reporting this level
MSQ201-ICC201	Q3718.D	06/14/07 14:23	PB	10	GCMSQ	TO-15	
MSQ201-IC201	Q3719.D	06/14/07 15:04	PB	5	GCMSQ	TO-15	
MSQ201-IC201	Q3720.D	06/14/07 15:41	PB	2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.21	8.43	0.618	ok	0.618	0.558-0.678
Benzene	10.01	10.35	0.967	ok	0.967	0.907-1.027
Bromodichloromethane	11.01	10.35	1.064	ok	1.064	1.004-1.124
Bromoform	15.41	14.69	1.049	ok	1.049	0.989-1.109
Bromomethane	4.40	8.43	0.522	ok	0.524	0.464-0.584
Bromoethene	4.96	8.43	0.588	ok	0.588	0.528-0.648
Benzyl Chloride	17.93	14.69	1.221	ok	1.221	1.161-1.281
Carbon disulfide	6.54	8.43	0.776	ok	0.776	0.716-0.836
Chloroethane	4.58	8.43	0.543	ok	0.544	0.484-0.604
Chloroform	8.56	8.43	1.015	ok	1.016	0.956-1.076
Chloromethane	3.78	8.43	0.448	ok	0.448	0.388-0.508
2-Chlorotoluene	17.02	14.69	1.159	ok	1.159	1.099-1.219
Carbon tetrachloride	10.17	8.43	1.206	ok	1.206	1.146-1.266
1,1-Dichloroethane	7.41	8.43	0.879	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.08	8.43	0.721	ok	0.722	0.662-0.782
1,2-Dichloroethane	9.30	8.43	1.103	ok	1.104	1.044-1.164
Dichlorodifluoromethane	3.61	8.43	0.428	ok	0.428	0.368-0.488
Dibromochloromethane	13.31	14.69	0.906	ok	0.907	0.847-0.967
trans-1,2-Dichloroethylene	7.21	8.43	0.855	ok	0.854	0.794-0.914
cis-1,2-Dichloroethylene	8.26	8.43	0.980	ok	0.979	0.919-1.039
m-Dichlorobenzene	17.95	14.69	1.222	ok	1.222	1.162-1.282
o-Dichlorobenzene	18.42	14.69	1.254	ok	1.254	1.194-1.314
p-Dichlorobenzene	18.02	14.69	1.227	ok	1.227	1.167-1.287
Ethanol	4.70	8.43	0.558	ok	0.559	0.499-0.619
4-Ethyltoluene	17.22	14.69	1.172	ok	1.172	1.112-1.232
Freon 113	6.48	8.43	0.769	ok	0.769	0.709-0.829
Freon 114	3.88	8.43	0.460	ok	0.460	0.400-0.520
Hexachlorobutadiene	20.81	14.69	1.417	ok	1.416	1.356-1.476
Isopropylbenzene	16.47	14.69	1.121	ok	1.121	1.061-1.181
Isopropyl Alcohol	5.48	8.43	0.650	ok	0.650	0.590-0.710
Methylene chloride	6.21	8.43	0.737	ok	0.737	0.677-0.797
Methyl Tert Butyl Ether	7.48	8.43	0.887	ok	0.886	0.826-0.946
Pentane	5.78	8.43	0.686	ok	0.686	0.626-0.746
1,1,1-Trichloroethane	9.57	8.43	1.135	ok	1.134	1.074-1.194
1,1,2,2-Tetrachloroethane	15.81	14.69	1.076	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.60	10.35	1.217	ok	1.217	1.157-1.277
1,2,4-Trichlorobenzene	20.35	14.69	1.385	ok	1.384	1.324-1.444
1,2,4-Trimethylbenzene	17.76	14.69	1.209	ok	1.210	1.150-1.270
1,3,5-Trimethylbenzene	17.30	14.69	1.178	ok	1.178	1.118-1.238
Tertiary Butyl Alcohol	6.13	8.43	0.727	ok	0.726	0.666-0.786
Tetrachloroethylene	14.03	14.69	0.955	ok	0.955	0.895-1.015
Trichloroethylene	11.05	10.35	1.068	ok	1.068	1.008-1.128

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ201-IC201	Q3715.D	06/14/07 11:26	PB	40	GCMSQ	TO-15	
MSQ201-IC201	Q3716.D	06/14/07 12:07	PB	.5	GCMSQ	TO-15	
MSQ201-IC201	Q3717.D	06/14/07 13:43	PB	.2	GCMSQ	TO-15	Reporting this level
MSQ201-ICC201	Q3718.D	06/14/07 14:23	PB	10	GCMSQ	TO-15	
MSQ201-IC201	Q3719.D	06/14/07 15:04	PB	5	GCMSQ	TO-15	
MSQ201-IC201	Q3720.D	06/14/07 15:41	PB	2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Trichlorofluoromethane	5.41	8.43	0.642	ok	0.641	0.581-0.701
Vinyl chloride	4.01	8.43	0.476	ok	0.475	0.415-0.535

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.43	ok	8.43	8.10-8.76	47981	ok	51134	30680-71588
1,4-Difluorobenzene	10.35	ok	10.35	10.02-10.68	239884	ok	283773	170264-397282
Chlorobenzene-D5	14.69	ok	14.69	14.36-15.02	267669	ok	242523	145514-339532

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ201-IC201	Q3715.D	06/14/07 11:26	PB	40	GCMSQ	TO-15	
MSQ201-IC201	Q3716.D	06/14/07 12:07	PB	.5	GCMSQ	TO-15	
MSQ201-IC201	Q3717.D	06/14/07 13:43	PB	.2	GCMSQ	TO-15	
MSQ201-ICC201	Q3718.D	06/14/07 14:23	PB	10	GCMSQ	TO-15	Reporting this level
MSQ201-IC201	Q3719.D	06/14/07 15:04	PB	5	GCMSQ	TO-15	
MSQ201-IC201	Q3720.D	06/14/07 15:41	PB	2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.21	8.44	0.617	ok	0.618	0.558-0.678
1,3-Butadiene	4.14	8.44	0.491	ok	0.491	0.431-0.551
Benzene	10.02	10.35	0.968	ok	0.967	0.907-1.027
Bromodichloromethane	11.02	10.35	1.065	ok	1.064	1.004-1.124
Bromoform	15.42	14.70	1.049	ok	1.049	0.989-1.109
Bromomethane	4.41	8.44	0.523	ok	0.524	0.464-0.584
Bromoethene	4.96	8.44	0.588	ok	0.588	0.528-0.648
Benzyl Chloride	17.93	14.70	1.220	ok	1.221	1.161-1.281
Carbon disulfide	6.54	8.44	0.775	ok	0.776	0.716-0.836
Chlorobenzene	14.74	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	4.59	8.44	0.544	ok	0.544	0.484-0.604
Chloroform	8.57	8.44	1.015	ok	1.016	0.956-1.076
Chloromethane	3.78	8.44	0.448	ok	0.448	0.388-0.508
3-Chloropropene	6.34	8.44	0.751	ok	0.752	0.692-0.812
2-Chlorotoluene	17.03	14.70	1.159	ok	1.159	1.099-1.219
Carbon tetrachloride	10.16	8.44	1.204	ok	1.206	1.146-1.266
Cyclohexane	10.29	10.35	0.994	ok	0.994	0.934-1.054
1,1-Dichloroethane	7.41	8.44	0.878	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.08	8.44	0.720	ok	0.722	0.662-0.782
1,2-Dibromoethane	13.57	14.70	0.923	ok	0.924	0.864-0.984
1,2-Dichloroethane	9.31	8.44	1.103	ok	1.104	1.044-1.164
1,2-Dichloropropane	10.82	10.35	1.045	ok	1.045	0.985-1.105
1,4-Dioxane	11.05	10.35	1.068	ok	1.068	1.008-1.128
Dichlorodifluoromethane	3.61	8.44	0.428	ok	0.428	0.368-0.488
Dibromochloromethane	13.32	14.70	0.906	ok	0.907	0.847-0.967
trans-1,2-Dichloroethylene	7.20	8.44	0.853	ok	0.854	0.794-0.914
cis-1,2-Dichloroethylene	8.26	8.44	0.979	ok	0.979	0.919-1.039
cis-1,3-Dichloropropene	11.90	10.35	1.150	ok	1.150	1.090-1.210
m-Dichlorobenzene	17.96	14.70	1.222	ok	1.222	1.162-1.282
o-Dichlorobenzene	18.42	14.70	1.253	ok	1.254	1.194-1.314
p-Dichlorobenzene	18.03	14.70	1.227	ok	1.227	1.167-1.287
trans-1,3-Dichloropropene	12.42	10.35	1.200	ok	1.200	1.140-1.260
Ethanol	4.70	8.44	0.557	ok	0.559	0.499-0.619
Ethylbenzene	15.13	14.70	1.029	ok	1.030	0.970-1.090
Ethyl Acetate	8.48	8.44	1.005	ok	1.005	0.945-1.065
4-Ethyltoluene	17.22	14.70	1.171	ok	1.172	1.112-1.232
Freon 113	6.48	8.44	0.768	ok	0.769	0.709-0.829
Freon 114	3.88	8.44	0.460	ok	0.460	0.400-0.520
Heptane	11.33	10.35	1.095	ok	1.094	1.034-1.154
Hexachlorobutadiene	20.81	14.70	1.416	ok	1.416	1.356-1.476
Hexane	8.46	8.44	1.002	ok	1.004	0.944-1.064
2-Hexanone	13.11	14.70	0.892	ok	0.893	0.833-0.953

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ201-IC201	Q3715.D	06/14/07 11:26	PB	40	GCMSQ	TO-15	
MSQ201-IC201	Q3716.D	06/14/07 12:07	PB	.5	GCMSQ	TO-15	
MSQ201-IC201	Q3717.D	06/14/07 13:43	PB	.2	GCMSQ	TO-15	
MSQ201-ICC201	Q3718.D	06/14/07 14:23	PB	10	GCMSQ	TO-15	Reporting this level
MSQ201-IC201	Q3719.D	06/14/07 15:04	PB	5	GCMSQ	TO-15	
MSQ201-IC201	Q3720.D	06/14/07 15:41	PB	2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Isopropylbenzene	16.48	14.70	1.121	ok	1.121	1.061-1.181
Isopropyl Alcohol	5.48	8.44	0.649	ok	0.650	0.590-0.710
Methylene chloride	6.21	8.44	0.736	ok	0.737	0.677-0.797
Methyl ethyl ketone	7.80	8.44	0.924	ok	0.926	0.866-0.986
Methyl Isobutyl Ketone	11.92	10.35	1.152	ok	1.151	1.091-1.211
Methyl Tert Butyl Ether	7.46	8.44	0.884	ok	0.886	0.826-0.946
Nonane	16.03	14.70	1.090	ok	1.091	1.031-1.151
Pentane	5.78	8.44	0.685	ok	0.686	0.626-0.746
Propylene	3.55	8.44	0.421	ok	0.420	0.360-0.480
Styrene	15.71	14.70	1.069	ok	1.069	1.009-1.129
1,1,1-Trichloroethane	9.56	8.44	1.133	ok	1.134	1.074-1.194
1,1,2,2-Tetrachloroethane	15.82	14.70	1.076	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.60	10.35	1.217	ok	1.217	1.157-1.277
1,2,4-Trichlorobenzene	20.33	14.70	1.383	ok	1.384	1.324-1.444
1,2,4-Trimethylbenzene	17.77	14.70	1.209	ok	1.210	1.150-1.270
1,3,5-Trimethylbenzene	17.31	14.70	1.178	ok	1.178	1.118-1.238
2,2,4-Trimethylpentane	11.08	10.35	1.071	ok	1.070	1.010-1.130
Tertiary Butyl Alcohol	6.12	8.44	0.725	ok	0.726	0.666-0.786
Tetrachloroethylene	14.04	14.70	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	8.97	8.44	1.063	ok	1.064	1.004-1.124
Toluene	12.88	10.35	1.244	ok	1.244	1.184-1.304
Trichloroethylene	11.06	10.35	1.069	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.41	8.44	0.641	ok	0.641	0.581-0.701
Vinyl chloride	4.00	8.44	0.474	ok	0.475	0.415-0.535
Vinyl Acetate	7.55	8.44	0.895	ok	0.895	0.835-0.955
m,p-Xylene	15.30	14.70	1.041	ok	1.042	0.982-1.102
o-Xylene	15.82	14.70	1.076	ok	1.077	1.017-1.137

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.44	ok	8.43	8.10-8.76	55508	ok	51134	30680-71588
1,4-Difluorobenzene	10.35	ok	10.35	10.02-10.68	276195	ok	283773	170264-397282
Chlorobenzene-D5	14.70	ok	14.69	14.36-15.02	224739	ok	242523	145514-339532

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ201-IC201	Q3715.D	06/14/07 11:26	PB	40	GCMSQ	TO-15	
MSQ201-IC201	Q3716.D	06/14/07 12:07	PB	.5	GCMSQ	TO-15	
MSQ201-IC201	Q3717.D	06/14/07 13:43	PB	.2	GCMSQ	TO-15	
MSQ201-ICC201	Q3718.D	06/14/07 14:23	PB	10	GCMSQ	TO-15	
MSQ201-IC201	Q3719.D	06/14/07 15:04	PB	5	GCMSQ	TO-15	Reporting this level
MSQ201-IC201	Q3720.D	06/14/07 15:41	PB	2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.21	8.43	0.618	ok	0.618	0.558-0.678
1,3-Butadiene	4.14	8.43	0.491	ok	0.491	0.431-0.551
Benzene	10.01	10.35	0.967	ok	0.967	0.907-1.027
Bromodichloromethane	11.02	10.35	1.065	ok	1.064	1.004-1.124
Bromoform	15.42	14.69	1.050	ok	1.049	0.989-1.109
Bromomethane	4.42	8.43	0.524	ok	0.524	0.464-0.584
Bromoethene	4.96	8.43	0.588	ok	0.588	0.528-0.648
Benzyl Chloride	17.93	14.69	1.221	ok	1.221	1.161-1.281
Carbon disulfide	6.54	8.43	0.776	ok	0.776	0.716-0.836
Chlorobenzene	14.74	14.69	1.003	ok	1.003	0.943-1.063
Chloroethane	4.59	8.43	0.544	ok	0.544	0.484-0.604
Chloroform	8.56	8.43	1.015	ok	1.016	0.956-1.076
Chloromethane	3.78	8.43	0.448	ok	0.448	0.388-0.508
3-Chloropropene	6.34	8.43	0.752	ok	0.752	0.692-0.812
2-Chlorotoluene	17.03	14.69	1.159	ok	1.159	1.099-1.219
Carbon tetrachloride	10.16	8.43	1.205	ok	1.206	1.146-1.266
Cyclohexane	10.29	10.35	0.994	ok	0.994	0.934-1.054
1,1-Dichloroethane	7.40	8.43	0.878	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.08	8.43	0.721	ok	0.722	0.662-0.782
1,2-Dibromoethane	13.57	14.69	0.924	ok	0.924	0.864-0.984
1,2-Dichloroethane	9.31	8.43	1.104	ok	1.104	1.044-1.164
1,2-Dichloropropane	10.82	10.35	1.045	ok	1.045	0.985-1.105
1,4-Dioxane	11.05	10.35	1.068	ok	1.068	1.008-1.128
Dichlorodifluoromethane	3.61	8.43	0.428	ok	0.428	0.368-0.488
Dibromochloromethane	13.32	14.69	0.907	ok	0.907	0.847-0.967
trans-1,2-Dichloroethylene	7.19	8.43	0.853	ok	0.854	0.794-0.914
cis-1,2-Dichloroethylene	8.26	8.43	0.980	ok	0.979	0.919-1.039
cis-1,3-Dichloropropene	11.90	10.35	1.150	ok	1.150	1.090-1.210
m-Dichlorobenzene	17.96	14.69	1.223	ok	1.222	1.162-1.282
o-Dichlorobenzene	18.42	14.69	1.254	ok	1.254	1.194-1.314
p-Dichlorobenzene	18.03	14.69	1.227	ok	1.227	1.167-1.287
trans-1,3-Dichloropropene	12.42	10.35	1.200	ok	1.200	1.140-1.260
Ethanol	4.71	8.43	0.559	ok	0.559	0.499-0.619
Ethylbenzene	15.13	14.69	1.030	ok	1.030	0.970-1.090
Ethyl Acetate	8.47	8.43	1.005	ok	1.005	0.945-1.065
4-Ethyltoluene	17.22	14.69	1.172	ok	1.172	1.112-1.232
Freon 113	6.49	8.43	0.770	ok	0.769	0.709-0.829
Freon 114	3.88	8.43	0.460	ok	0.460	0.400-0.520
Heptane	11.32	10.35	1.094	ok	1.094	1.034-1.154
Hexachlorobutadiene	20.81	14.69	1.417	ok	1.416	1.356-1.476
Hexane	8.47	8.43	1.005	ok	1.004	0.944-1.064
2-Hexanone	13.12	14.69	0.893	ok	0.893	0.833-0.953

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ201-IC201	Q3715.D	06/14/07 11:26	PB	40	GCMSQ	TO-15	
MSQ201-IC201	Q3716.D	06/14/07 12:07	PB	.5	GCMSQ	TO-15	
MSQ201-IC201	Q3717.D	06/14/07 13:43	PB	.2	GCMSQ	TO-15	
MSQ201-ICC201	Q3718.D	06/14/07 14:23	PB	10	GCMSQ	TO-15	
MSQ201-IC201	Q3719.D	06/14/07 15:04	PB	5	GCMSQ	TO-15	Reporting this level
MSQ201-IC201	Q3720.D	06/14/07 15:41	PB	2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Isopropylbenzene	16.47	14.69	1.121	ok	1.121	1.061-1.181
Isopropyl Alcohol	5.47	8.43	0.649	ok	0.650	0.590-0.710
Methylene chloride	6.21	8.43	0.737	ok	0.737	0.677-0.797
Methyl ethyl ketone	7.81	8.43	0.926	ok	0.926	0.866-0.986
Methyl Isobutyl Ketone	11.91	10.35	1.151	ok	1.151	1.091-1.211
Methyl Tert Butyl Ether	7.46	8.43	0.885	ok	0.886	0.826-0.946
Nonane	16.03	14.69	1.091	ok	1.091	1.031-1.151
Pentane	5.78	8.43	0.686	ok	0.686	0.626-0.746
Propylene	3.54	8.43	0.420	ok	0.420	0.360-0.480
Styrene	15.70	14.69	1.069	ok	1.069	1.009-1.129
1,1,1-Trichloroethane	9.56	8.43	1.134	ok	1.134	1.074-1.194
1,1,2,2-Tetrachloroethane	15.81	14.69	1.076	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.60	10.35	1.217	ok	1.217	1.157-1.277
1,2,4-Trichlorobenzene	20.32	14.69	1.383	ok	1.384	1.324-1.444
1,2,4-Trimethylbenzene	17.77	14.69	1.210	ok	1.210	1.150-1.270
1,3,5-Trimethylbenzene	17.30	14.69	1.178	ok	1.178	1.118-1.238
2,2,4-Trimethylpentane	11.08	10.35	1.071	ok	1.070	1.010-1.130
Tertiary Butyl Alcohol	6.11	8.43	0.725	ok	0.726	0.666-0.786
Tetrachloroethylene	14.04	14.69	0.956	ok	0.955	0.895-1.015
Tetrahydrofuran	8.97	8.43	1.064	ok	1.064	1.004-1.124
Toluene	12.88	10.35	1.244	ok	1.244	1.184-1.304
Trichloroethylene	11.06	10.35	1.069	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.41	8.43	0.642	ok	0.641	0.581-0.701
Vinyl chloride	4.00	8.43	0.474	ok	0.475	0.415-0.535
Vinyl Acetate	7.55	8.43	0.896	ok	0.895	0.835-0.955
m,p-Xylene	15.30	14.69	1.042	ok	1.042	0.982-1.102
o-Xylene	15.83	14.69	1.078	ok	1.077	1.017-1.137

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.43	ok	8.43	8.10-8.76	53414	ok	51134	30680-71588
1,4-Difluorobenzene	10.35	ok	10.35	10.02-10.68	291132	ok	283773	170264-397282
Chlorobenzene-D5	14.69	ok	14.69	14.36-15.02	284714	ok	242523	145514-339532

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ201-IC201	Q3715.D	06/14/07 11:26	PB	40	GCMSQ	TO-15	
MSQ201-IC201	Q3716.D	06/14/07 12:07	PB	.5	GCMSQ	TO-15	
MSQ201-IC201	Q3717.D	06/14/07 13:43	PB	.2	GCMSQ	TO-15	
MSQ201-ICC201	Q3718.D	06/14/07 14:23	PB	10	GCMSQ	TO-15	
MSQ201-IC201	Q3719.D	06/14/07 15:04	PB	5	GCMSQ	TO-15	
MSQ201-IC201	Q3720.D	06/14/07 15:41	PB	2	GCMSQ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.22	8.43	0.619	ok	0.618	0.558-0.678
1,3-Butadiene	4.15	8.43	0.492	ok	0.491	0.431-0.551
Benzene	10.01	10.35	0.967	ok	0.967	0.907-1.027
Bromodichloromethane	11.02	10.35	1.065	ok	1.064	1.004-1.124
Bromoform	15.42	14.69	1.050	ok	1.049	0.989-1.109
Bromomethane	4.42	8.43	0.524	ok	0.524	0.464-0.584
Bromoethene	4.97	8.43	0.590	ok	0.588	0.528-0.648
Benzyl Chloride	17.94	14.69	1.221	ok	1.221	1.161-1.281
Carbon disulfide	6.54	8.43	0.776	ok	0.776	0.716-0.836
Chlorobenzene	14.74	14.69	1.003	ok	1.003	0.943-1.063
Chloroethane	4.59	8.43	0.544	ok	0.544	0.484-0.604
Chloroform	8.56	8.43	1.015	ok	1.016	0.956-1.076
Chloromethane	3.78	8.43	0.448	ok	0.448	0.388-0.508
3-Chloropropene	6.34	8.43	0.752	ok	0.752	0.692-0.812
2-Chlorotoluene	17.03	14.69	1.159	ok	1.159	1.099-1.219
Carbon tetrachloride	10.17	8.43	1.206	ok	1.206	1.146-1.266
Cyclohexane	10.29	10.35	0.994	ok	0.994	0.934-1.054
1,1-Dichloroethane	7.41	8.43	0.879	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.08	8.43	0.721	ok	0.722	0.662-0.782
1,2-Dibromoethane	13.57	14.69	0.924	ok	0.924	0.864-0.984
1,2-Dichloroethane	9.31	8.43	1.104	ok	1.104	1.044-1.164
1,2-Dichloropropane	10.82	10.35	1.045	ok	1.045	0.985-1.105
1,4-Dioxane	11.05	10.35	1.068	ok	1.068	1.008-1.128
Dichlorodifluoromethane	3.61	8.43	0.428	ok	0.428	0.368-0.488
Dibromochloromethane	13.32	14.69	0.907	ok	0.907	0.847-0.967
trans-1,2-Dichloroethylene	7.20	8.43	0.854	ok	0.854	0.794-0.914
cis-1,2-Dichloroethylene	8.26	8.43	0.980	ok	0.979	0.919-1.039
cis-1,3-Dichloropropene	11.90	10.35	1.150	ok	1.150	1.090-1.210
m-Dichlorobenzene	17.95	14.69	1.222	ok	1.222	1.162-1.282
o-Dichlorobenzene	18.41	14.69	1.253	ok	1.254	1.194-1.314
p-Dichlorobenzene	18.03	14.69	1.227	ok	1.227	1.167-1.287
trans-1,3-Dichloropropene	12.42	10.35	1.200	ok	1.200	1.140-1.260
Ethanol	4.71	8.43	0.559	ok	0.559	0.499-0.619
Ethylbenzene	15.12	14.69	1.029	ok	1.030	0.970-1.090
Ethyl Acetate	8.48	8.43	1.006	ok	1.005	0.945-1.065
4-Ethyltoluene	17.22	14.69	1.172	ok	1.172	1.112-1.232
Freon 113	6.49	8.43	0.770	ok	0.769	0.709-0.829
Freon 114	3.88	8.43	0.460	ok	0.460	0.400-0.520
Heptane	11.33	10.35	1.095	ok	1.094	1.034-1.154
Hexachlorobutadiene	20.81	14.69	1.417	ok	1.416	1.356-1.476
Hexane	8.47	8.43	1.005	ok	1.004	0.944-1.064
2-Hexanone	13.11	14.69	0.892	ok	0.893	0.833-0.953

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ201-IC201	Q3715.D	06/14/07 11:26	PB	40	GCMSQ	TO-15	
MSQ201-IC201	Q3716.D	06/14/07 12:07	PB	.5	GCMSQ	TO-15	
MSQ201-IC201	Q3717.D	06/14/07 13:43	PB	.2	GCMSQ	TO-15	
MSQ201-ICC201	Q3718.D	06/14/07 14:23	PB	10	GCMSQ	TO-15	
MSQ201-IC201	Q3719.D	06/14/07 15:04	PB	5	GCMSQ	TO-15	
MSQ201-IC201	Q3720.D	06/14/07 15:41	PB	2	GCMSQ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Isopropylbenzene	16.48	14.69	1.122	ok	1.121	1.061-1.181
Isopropyl Alcohol	5.47	8.43	0.649	ok	0.650	0.590-0.710
Methylene chloride	6.21	8.43	0.737	ok	0.737	0.677-0.797
Methyl ethyl ketone	7.81	8.43	0.926	ok	0.926	0.866-0.986
Methyl Isobutyl Ketone	11.92	10.35	1.152	ok	1.151	1.091-1.211
Methyl Tert Butyl Ether	7.47	8.43	0.886	ok	0.886	0.826-0.946
Nonane	16.03	14.69	1.091	ok	1.091	1.031-1.151
Pentane	5.79	8.43	0.687	ok	0.686	0.626-0.746
Propylene	3.54	8.43	0.420	ok	0.420	0.360-0.480
Styrene	15.71	14.69	1.069	ok	1.069	1.009-1.129
1,1,1-Trichloroethane	9.55	8.43	1.133	ok	1.134	1.074-1.194
1,1,2,2-Tetrachloroethane	15.82	14.69	1.077	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.59	10.35	1.216	ok	1.217	1.157-1.277
1,2,4-Trichlorobenzene	20.33	14.69	1.384	ok	1.384	1.324-1.444
1,2,4-Trimethylbenzene	17.77	14.69	1.210	ok	1.210	1.150-1.270
1,3,5-Trimethylbenzene	17.30	14.69	1.178	ok	1.178	1.118-1.238
2,2,4-Trimethylpentane	11.08	10.35	1.071	ok	1.070	1.010-1.130
Tertiary Butyl Alcohol	6.11	8.43	0.725	ok	0.726	0.666-0.786
Tetrachloroethylene	14.03	14.69	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	8.97	8.43	1.064	ok	1.064	1.004-1.124
Toluene	12.88	10.35	1.244	ok	1.244	1.184-1.304
Trichloroethylene	11.05	10.35	1.068	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.41	8.43	0.642	ok	0.641	0.581-0.701
Vinyl chloride	4.00	8.43	0.474	ok	0.475	0.415-0.535
Vinyl Acetate	7.55	8.43	0.896	ok	0.895	0.835-0.955
m,p-Xylene	15.30	14.69	1.042	ok	1.042	0.982-1.102
o-Xylene	15.82	14.69	1.077	ok	1.077	1.017-1.137

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.43	ok	8.43	8.10-8.76	52758	ok	51134	30680-71588
1,4-Difluorobenzene	10.35	ok	10.35	10.02-10.68	260467	ok	283773	170264-397282
Chlorobenzene-D5	14.69	ok	14.69	14.36-15.02	210137	ok	242523	145514-339532

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ205-IC205	Q3817.D	06/27/07 11:33	PB	40	GCMSQ	TO-15	Reporting this level
MSQ205-IC205	Q3818.D	06/27/07 12:21	PB	20	GCMSQ	TO-15	
MSQ205-ICC205	Q3819.D	06/27/07 13:10	PB	10	GCMSQ	TO-15	
MSQ205-IC205	Q3820.D	06/27/07 14:02	PB	5	GCMSQ	TO-15	
MSQ205-IC205	Q3821.D	06/27/07 14:55	PB	2	GCMSQ	TO-15	
MSQ205-IC205	Q3822.D	06/27/07 15:52	PB	.5	GCMSQ	TO-15	
MSQ205-IC205	Q3823.D	06/27/07 16:40	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.59	8.64	0.647	ok	0.648	0.588-0.708
1,3-Butadiene	4.56	8.64	0.528	ok	0.528	0.468-0.588
Benzene	10.15	10.47	0.969	ok	0.970	0.910-1.030
Bromodichloromethane	11.11	10.47	1.061	ok	1.062	1.002-1.122
Bromoform	15.43	14.71	1.049	ok	1.049	0.989-1.109
Bromomethane	4.84	8.64	0.560	ok	0.560	0.500-0.620
Bromoethene	5.37	8.64	0.622	ok	0.621	0.561-0.681
Benzyl Chloride	17.92	14.71	1.218	ok	1.217	1.157-1.277
Carbon disulfide	6.86	8.64	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.76	14.71	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.64	0.580	ok	0.579	0.519-0.639
Chloroform	8.76	8.64	1.014	ok	1.014	0.954-1.074
Chloromethane	4.20	8.64	0.486	ok	0.486	0.426-0.546
3-Chloropropene	6.66	8.64	0.771	ok	0.770	0.710-0.830
2-Chlorotoluene	17.02	14.71	1.157	ok	1.157	1.097-1.217
Carbon tetrachloride	10.29	8.64	1.191	ok	1.193	1.133-1.253
Cyclohexane	10.42	10.47	0.995	ok	0.995	0.935-1.055
1,1-Dichloroethane	7.66	8.64	0.887	ok	0.887	0.827-0.947
1,1-Dichloroethylene	6.42	8.64	0.743	ok	0.743	0.683-0.803
1,2-Dibromoethane	13.61	14.71	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.47	8.64	1.096	ok	1.097	1.037-1.157
1,2-Dichloropropane	10.92	10.47	1.043	ok	1.044	0.984-1.104
1,4-Dioxane	11.14	10.47	1.064	ok	1.066	1.006-1.126
Dichlorodifluoromethane	4.03	8.64	0.466	ok	0.468	0.408-0.528
Dibromochloromethane	13.36	14.71	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.47	8.64	0.865	ok	0.864	0.804-0.924
cis-1,2-Dichloroethylene	8.47	8.64	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.97	10.47	1.143	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.95	14.71	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.41	14.71	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.02	14.71	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.47	10.47	1.191	ok	1.192	1.132-1.252
Ethanol	5.09	8.64	0.589	ok	0.590	0.530-0.650
Ethylbenzene	15.13	14.71	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.67	8.64	1.003	ok	1.003	0.943-1.063
4-Ethyltoluene	17.21	14.71	1.170	ok	1.171	1.111-1.231
Freon 113	6.80	8.64	0.787	ok	0.786	0.726-0.846
Freon 114	4.30	8.64	0.498	ok	0.498	0.438-0.558
Heptane	11.41	10.47	1.090	ok	1.091	1.031-1.151
Hexachlorobutadiene	20.80	14.71	1.414	ok	1.415	1.355-1.475
Hexane	8.67	8.64	1.003	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ205-IC205	Q3817.D	06/27/07 11:33	PB	40	GCMSQ	TO-15	Reporting this level
MSQ205-IC205	Q3818.D	06/27/07 12:21	PB	20	GCMSQ	TO-15	
MSQ205-ICC205	Q3819.D	06/27/07 13:10	PB	10	GCMSQ	TO-15	
MSQ205-IC205	Q3820.D	06/27/07 14:02	PB	5	GCMSQ	TO-15	
MSQ205-IC205	Q3821.D	06/27/07 14:55	PB	2	GCMSQ	TO-15	
MSQ205-IC205	Q3822.D	06/27/07 15:52	PB	.5	GCMSQ	TO-15	
MSQ205-IC205	Q3823.D	06/27/07 16:40	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.15	14.71	0.894	ok	0.894	0.834-0.954
Isopropylbenzene	16.47	14.71	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.83	8.64	0.675	ok	0.674	0.614-0.734
Methylene chloride	6.54	8.64	0.757	ok	0.756	0.696-0.816
Methyl ethyl ketone	8.03	8.64	0.929	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.98	10.47	1.144	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.71	8.64	0.892	ok	0.893	0.833-0.953
Nonane	16.03	14.71	1.090	ok	1.090	1.030-1.150
Pentane	6.14	8.64	0.711	ok	0.711	0.651-0.771
Propylene	3.96	8.64	0.458	ok	0.460	0.400-0.520
Styrene	15.71	14.71	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.71	8.64	1.124	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.82	14.71	1.075	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.65	10.47	1.208	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.31	14.71	1.381	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.76	14.71	1.207	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.30	14.71	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.17	10.47	1.067	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.43	8.64	0.744	ok	0.745	0.685-0.805
Tetrachloroethylene	14.06	14.71	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.14	8.64	1.058	ok	1.060	1.000-1.120
Toluene	12.93	10.47	1.235	ok	1.236	1.176-1.296
Trichloroethylene	11.15	10.47	1.065	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.79	8.64	0.670	ok	0.670	0.610-0.730
Vinyl chloride	4.42	8.64	0.512	ok	0.512	0.452-0.572
Vinyl Acetate	7.79	8.64	0.902	ok	0.901	0.841-0.961
m,p-Xylene	15.33	14.71	1.042	ok	1.042	0.982-1.102
o-Xylene	15.83	14.71	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.64	ok	8.61	8.28-8.94	156003	ok	146294	87776-204812
1,4-Difluorobenzene	10.47	ok	10.45	10.12-10.78	791017	ok	695163	417098-973228
Chlorobenzene-D5	14.71	ok	14.70	14.37-15.03	684005	ok	587971	352783-823159

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ205-IC205	Q3817.D	06/27/07 11:33	PB	40	GCMSQ	TO-15	
MSQ205-IC205	Q3818.D	06/27/07 12:21	PB	20	GCMSQ	TO-15	Reporting this level
MSQ205-ICC205	Q3819.D	06/27/07 13:10	PB	10	GCMSQ	TO-15	
MSQ205-IC205	Q3820.D	06/27/07 14:02	PB	5	GCMSQ	TO-15	
MSQ205-IC205	Q3821.D	06/27/07 14:55	PB	2	GCMSQ	TO-15	
MSQ205-IC205	Q3822.D	06/27/07 15:52	PB	.5	GCMSQ	TO-15	
MSQ205-IC205	Q3823.D	06/27/07 16:40	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.59	8.63	0.648	ok	0.648	0.588-0.708
1,3-Butadiene	4.55	8.63	0.527	ok	0.528	0.468-0.588
Benzene	10.15	10.46	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.11	10.46	1.062	ok	1.062	1.002-1.122
Bromoform	15.42	14.71	1.048	ok	1.049	0.989-1.109
Bromomethane	4.83	8.63	0.560	ok	0.560	0.500-0.620
Bromoethene	5.36	8.63	0.621	ok	0.621	0.561-0.681
Benzyl Chloride	17.92	14.71	1.218	ok	1.217	1.157-1.277
Carbon disulfide	6.86	8.63	0.795	ok	0.794	0.734-0.854
Chlorobenzene	14.75	14.71	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.63	0.581	ok	0.579	0.519-0.639
Chloroform	8.75	8.63	1.014	ok	1.014	0.954-1.074
Chloromethane	4.20	8.63	0.487	ok	0.486	0.426-0.546
3-Chloropropene	6.65	8.63	0.771	ok	0.770	0.710-0.830
2-Chlorotoluene	17.02	14.71	1.157	ok	1.157	1.097-1.217
Carbon tetrachloride	10.29	8.63	1.192	ok	1.193	1.133-1.253
Cyclohexane	10.41	10.46	0.995	ok	0.995	0.935-1.055
1,1-Dichloroethane	7.66	8.63	0.888	ok	0.887	0.827-0.947
1,1-Dichloroethylene	6.42	8.63	0.744	ok	0.743	0.683-0.803
1,2-Dibromoethane	13.60	14.71	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.63	1.096	ok	1.097	1.037-1.157
1,2-Dichloropropane	10.92	10.46	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.13	10.46	1.064	ok	1.066	1.006-1.126
Dichlorodifluoromethane	4.03	8.63	0.467	ok	0.468	0.408-0.528
Dibromochloromethane	13.35	14.71	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.46	8.63	0.864	ok	0.864	0.804-0.924
cis-1,2-Dichloroethylene	8.47	8.63	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.96	10.46	1.143	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.94	14.71	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.41	14.71	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.02	14.71	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.46	10.46	1.191	ok	1.192	1.132-1.252
Ethanol	5.09	8.63	0.590	ok	0.590	0.530-0.650
Ethylbenzene	15.13	14.71	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.66	8.63	1.003	ok	1.003	0.943-1.063
4-Ethyltoluene	17.21	14.71	1.170	ok	1.171	1.111-1.231
Freon 113	6.79	8.63	0.787	ok	0.786	0.726-0.846
Freon 114	4.29	8.63	0.497	ok	0.498	0.438-0.558
Heptane	11.41	10.46	1.091	ok	1.091	1.031-1.151
Hexachlorobutadiene	20.80	14.71	1.414	ok	1.415	1.355-1.475
Hexane	8.67	8.63	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ205-IC205	Q3817.D	06/27/07 11:33	PB	40	GCMSQ	TO-15	
MSQ205-IC205	Q3818.D	06/27/07 12:21	PB	20	GCMSQ	TO-15	Reporting this level
MSQ205-ICC205	Q3819.D	06/27/07 13:10	PB	10	GCMSQ	TO-15	
MSQ205-IC205	Q3820.D	06/27/07 14:02	PB	5	GCMSQ	TO-15	
MSQ205-IC205	Q3821.D	06/27/07 14:55	PB	2	GCMSQ	TO-15	
MSQ205-IC205	Q3822.D	06/27/07 15:52	PB	.5	GCMSQ	TO-15	
MSQ205-IC205	Q3823.D	06/27/07 16:40	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.15	14.71	0.894	ok	0.894	0.834-0.954
Isopropylbenzene	16.47	14.71	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.82	8.63	0.674	ok	0.674	0.614-0.734
Methylene chloride	6.54	8.63	0.758	ok	0.756	0.696-0.816
Methyl ethyl ketone	8.03	8.63	0.930	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.98	10.46	1.145	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.71	8.63	0.893	ok	0.893	0.833-0.953
Nonane	16.03	14.71	1.090	ok	1.090	1.030-1.150
Pentane	6.14	8.63	0.711	ok	0.711	0.651-0.771
Propylene	3.96	8.63	0.459	ok	0.460	0.400-0.520
Styrene	15.71	14.71	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.71	8.63	1.125	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.81	14.71	1.075	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.65	10.46	1.209	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.31	14.71	1.381	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.76	14.71	1.207	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.30	14.71	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.17	10.46	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.42	8.63	0.744	ok	0.745	0.685-0.805
Tetrachloroethylene	14.06	14.71	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.14	8.63	1.059	ok	1.060	1.000-1.120
Toluene	12.92	10.46	1.235	ok	1.236	1.176-1.296
Trichloroethylene	11.15	10.46	1.066	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.78	8.63	0.670	ok	0.670	0.610-0.730
Vinyl chloride	4.42	8.63	0.512	ok	0.512	0.452-0.572
Vinyl Acetate	7.79	8.63	0.903	ok	0.901	0.841-0.961
m,p-Xylene	15.33	14.71	1.042	ok	1.042	0.982-1.102
o-Xylene	15.83	14.71	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.61	8.28-8.94	163216	ok	146294	87776-204812
1,4-Difluorobenzene	10.46	ok	10.45	10.12-10.78	788263	ok	695163	417098-973228
Chlorobenzene-D5	14.71	ok	14.70	14.37-15.03	681218	ok	587971	352783-823159

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ205-IC205	Q3817.D	06/27/07 11:33	PB	40	GCMSQ	TO-15	
MSQ205-IC205	Q3818.D	06/27/07 12:21	PB	20	GCMSQ	TO-15	
MSQ205-ICC205	Q3819.D	06/27/07 13:10	PB	10	GCMSQ	TO-15	Reporting this level
MSQ205-IC205	Q3820.D	06/27/07 14:02	PB	5	GCMSQ	TO-15	
MSQ205-IC205	Q3821.D	06/27/07 14:55	PB	2	GCMSQ	TO-15	
MSQ205-IC205	Q3822.D	06/27/07 15:52	PB	.5	GCMSQ	TO-15	
MSQ205-IC205	Q3823.D	06/27/07 16:40	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.59	8.63	0.648	ok	0.648	0.588-0.708
1,3-Butadiene	4.55	8.63	0.527	ok	0.528	0.468-0.588
Benzene	10.14	10.46	0.969	ok	0.970	0.910-1.030
Bromodichloromethane	11.10	10.46	1.061	ok	1.062	1.002-1.122
Bromoform	15.43	14.71	1.049	ok	1.049	0.989-1.109
Bromomethane	4.83	8.63	0.560	ok	0.560	0.500-0.620
Bromoethene	5.36	8.63	0.621	ok	0.621	0.561-0.681
Benzyl Chloride	17.92	14.71	1.218	ok	1.217	1.157-1.277
Carbon disulfide	6.85	8.63	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.75	14.71	1.003	ok	1.003	0.943-1.063
Chloroethane	5.00	8.63	0.579	ok	0.579	0.519-0.639
Chloroform	8.75	8.63	1.014	ok	1.014	0.954-1.074
Chloromethane	4.19	8.63	0.486	ok	0.486	0.426-0.546
3-Chloropropene	6.65	8.63	0.771	ok	0.770	0.710-0.830
2-Chlorotoluene	17.02	14.71	1.157	ok	1.157	1.097-1.217
Carbon tetrachloride	10.29	8.63	1.192	ok	1.193	1.133-1.253
Cyclohexane	10.41	10.46	0.995	ok	0.995	0.935-1.055
1,1-Dichloroethane	7.65	8.63	0.886	ok	0.887	0.827-0.947
1,1-Dichloroethylene	6.42	8.63	0.744	ok	0.743	0.683-0.803
1,2-Dibromoethane	13.60	14.71	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.63	1.096	ok	1.097	1.037-1.157
1,2-Dichloropropane	10.92	10.46	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.14	10.46	1.065	ok	1.066	1.006-1.126
Dichlorodifluoromethane	4.03	8.63	0.467	ok	0.468	0.408-0.528
Dibromochloromethane	13.35	14.71	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.46	8.63	0.864	ok	0.864	0.804-0.924
cis-1,2-Dichloroethylene	8.46	8.63	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.96	10.46	1.143	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.94	14.71	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.40	14.71	1.251	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.02	14.71	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.46	10.46	1.191	ok	1.192	1.132-1.252
Ethanol	5.08	8.63	0.589	ok	0.590	0.530-0.650
Ethylbenzene	15.13	14.71	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.65	8.63	1.002	ok	1.003	0.943-1.063
4-Ethyltoluene	17.21	14.71	1.170	ok	1.171	1.111-1.231
Freon 113	6.79	8.63	0.787	ok	0.786	0.726-0.846
Freon 114	4.29	8.63	0.497	ok	0.498	0.438-0.558
Heptane	11.40	10.46	1.090	ok	1.091	1.031-1.151
Hexachlorobutadiene	20.80	14.71	1.414	ok	1.415	1.355-1.475
Hexane	8.66	8.63	1.003	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ205-IC205	Q3817.D	06/27/07 11:33	PB	40	GCMSQ	TO-15	
MSQ205-IC205	Q3818.D	06/27/07 12:21	PB	20	GCMSQ	TO-15	
MSQ205-ICC205	Q3819.D	06/27/07 13:10	PB	10	GCMSQ	TO-15	Reporting this level
MSQ205-IC205	Q3820.D	06/27/07 14:02	PB	5	GCMSQ	TO-15	
MSQ205-IC205	Q3821.D	06/27/07 14:55	PB	2	GCMSQ	TO-15	
MSQ205-IC205	Q3822.D	06/27/07 15:52	PB	.5	GCMSQ	TO-15	
MSQ205-IC205	Q3823.D	06/27/07 16:40	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.14	14.71	0.893	ok	0.894	0.834-0.954
Isopropylbenzene	16.47	14.71	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.81	8.63	0.673	ok	0.674	0.614-0.734
Methylene chloride	6.53	8.63	0.757	ok	0.756	0.696-0.816
Methyl ethyl ketone	8.02	8.63	0.929	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.98	10.46	1.145	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.70	8.63	0.892	ok	0.893	0.833-0.953
Nonane	16.03	14.71	1.090	ok	1.090	1.030-1.150
Pentane	6.14	8.63	0.711	ok	0.711	0.651-0.771
Propylene	3.96	8.63	0.459	ok	0.460	0.400-0.520
Styrene	15.71	14.71	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.71	8.63	1.125	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.81	14.71	1.075	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.64	10.46	1.208	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.31	14.71	1.381	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.76	14.71	1.207	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.29	14.71	1.175	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.16	10.46	1.067	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.42	8.63	0.744	ok	0.745	0.685-0.805
Tetrachloroethylene	14.06	14.71	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.14	8.63	1.059	ok	1.060	1.000-1.120
Toluene	12.92	10.46	1.235	ok	1.236	1.176-1.296
Trichloroethylene	11.14	10.46	1.065	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.78	8.63	0.670	ok	0.670	0.610-0.730
Vinyl chloride	4.41	8.63	0.511	ok	0.512	0.452-0.572
Vinyl Acetate	7.78	8.63	0.902	ok	0.901	0.841-0.961
m,p-Xylene	15.33	14.71	1.042	ok	1.042	0.982-1.102
o-Xylene	15.82	14.71	1.075	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.61	8.28-8.94	151304	ok	146294	87776-204812
1,4-Difluorobenzene	10.46	ok	10.45	10.12-10.78	722387	ok	695163	417098-973228
Chlorobenzene-D5	14.71	ok	14.70	14.37-15.03	615880	ok	587971	352783-823159

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ205-IC205	Q3817.D	06/27/07 11:33	PB	40	GCMSQ	TO-15	
MSQ205-IC205	Q3818.D	06/27/07 12:21	PB	20	GCMSQ	TO-15	
MSQ205-ICC205	Q3819.D	06/27/07 13:10	PB	10	GCMSQ	TO-15	
MSQ205-IC205	Q3820.D	06/27/07 14:02	PB	5	GCMSQ	TO-15	Reporting this level
MSQ205-IC205	Q3821.D	06/27/07 14:55	PB	2	GCMSQ	TO-15	
MSQ205-IC205	Q3822.D	06/27/07 15:52	PB	.5	GCMSQ	TO-15	
MSQ205-IC205	Q3823.D	06/27/07 16:40	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.58	8.62	0.647	ok	0.648	0.588-0.708
1,3-Butadiene	4.55	8.62	0.528	ok	0.528	0.468-0.588
Benzene	10.13	10.45	0.969	ok	0.970	0.910-1.030
Bromodichloromethane	11.10	10.45	1.062	ok	1.062	1.002-1.122
Bromoform	15.42	14.70	1.049	ok	1.049	0.989-1.109
Bromomethane	4.82	8.62	0.559	ok	0.560	0.500-0.620
Bromoethene	5.35	8.62	0.621	ok	0.621	0.561-0.681
Benzyl Chloride	17.92	14.70	1.219	ok	1.217	1.157-1.277
Carbon disulfide	6.84	8.62	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.75	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	4.99	8.62	0.579	ok	0.579	0.519-0.639
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.19	8.62	0.486	ok	0.486	0.426-0.546
3-Chloropropene	6.64	8.62	0.770	ok	0.770	0.710-0.830
2-Chlorotoluene	17.02	14.70	1.158	ok	1.157	1.097-1.217
Carbon tetrachloride	10.28	8.62	1.193	ok	1.193	1.133-1.253
Cyclohexane	10.40	10.45	0.995	ok	0.995	0.935-1.055
1,1-Dichloroethane	7.65	8.62	0.887	ok	0.887	0.827-0.947
1,1-Dichloroethylene	6.41	8.62	0.744	ok	0.743	0.683-0.803
1,2-Dibromoethane	13.60	14.70	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.62	1.096	ok	1.097	1.037-1.157
1,2-Dichloropropane	10.91	10.45	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.13	10.45	1.065	ok	1.066	1.006-1.126
Dichlorodifluoromethane	4.03	8.62	0.468	ok	0.468	0.408-0.528
Dibromochloromethane	13.35	14.70	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.45	8.62	0.864	ok	0.864	0.804-0.924
cis-1,2-Dichloroethylene	8.45	8.62	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.95	10.45	1.144	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.94	14.70	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.40	14.70	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.02	14.70	1.226	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.46	10.45	1.192	ok	1.192	1.132-1.252
Ethanol	5.08	8.62	0.589	ok	0.590	0.530-0.650
Ethylbenzene	15.13	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.65	8.62	1.003	ok	1.003	0.943-1.063
4-Ethyltoluene	17.21	14.70	1.171	ok	1.171	1.111-1.231
Freon 113	6.78	8.62	0.787	ok	0.786	0.726-0.846
Freon 114	4.29	8.62	0.498	ok	0.498	0.438-0.558
Heptane	11.40	10.45	1.091	ok	1.091	1.031-1.151
Hexachlorobutadiene	20.80	14.70	1.415	ok	1.415	1.355-1.475
Hexane	8.65	8.62	1.003	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ205-IC205	Q3817.D	06/27/07 11:33	PB	40	GCMSQ	TO-15	
MSQ205-IC205	Q3818.D	06/27/07 12:21	PB	20	GCMSQ	TO-15	
MSQ205-ICC205	Q3819.D	06/27/07 13:10	PB	10	GCMSQ	TO-15	
MSQ205-IC205	Q3820.D	06/27/07 14:02	PB	5	GCMSQ	TO-15	Reporting this level
MSQ205-IC205	Q3821.D	06/27/07 14:55	PB	2	GCMSQ	TO-15	
MSQ205-IC205	Q3822.D	06/27/07 15:52	PB	.5	GCMSQ	TO-15	
MSQ205-IC205	Q3823.D	06/27/07 16:40	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.14	14.70	0.894	ok	0.894	0.834-0.954
Isopropylbenzene	16.47	14.70	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.81	8.62	0.674	ok	0.674	0.614-0.734
Methylene chloride	6.52	8.62	0.756	ok	0.756	0.696-0.816
Methyl ethyl ketone	8.02	8.62	0.930	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.97	10.45	1.145	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.69	8.62	0.892	ok	0.893	0.833-0.953
Nonane	16.03	14.70	1.090	ok	1.090	1.030-1.150
Pentane	6.13	8.62	0.711	ok	0.711	0.651-0.771
Propylene	3.96	8.62	0.459	ok	0.460	0.400-0.520
Styrene	15.71	14.70	1.069	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.70	8.62	1.125	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.81	14.70	1.076	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.64	10.45	1.210	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.31	14.70	1.382	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.76	14.70	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.29	14.70	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.16	10.45	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.42	8.62	0.745	ok	0.745	0.685-0.805
Tetrachloroethylene	14.05	14.70	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.13	8.62	1.059	ok	1.060	1.000-1.120
Toluene	12.92	10.45	1.236	ok	1.236	1.176-1.296
Trichloroethylene	11.14	10.45	1.066	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.78	8.62	0.671	ok	0.670	0.610-0.730
Vinyl chloride	4.41	8.62	0.512	ok	0.512	0.452-0.572
Vinyl Acetate	7.77	8.62	0.901	ok	0.901	0.841-0.961
m,p-Xylene	15.30	14.70	1.041	ok	1.042	0.982-1.102
o-Xylene	15.82	14.70	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.61	8.28-8.94	155097	ok	146294	87776-204812
1,4-Difluorobenzene	10.45	ok	10.45	10.12-10.78	746537	ok	695163	417098-973228
Chlorobenzene-D5	14.70	ok	14.70	14.37-15.03	628368	ok	587971	352783-823159

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ205-IC205	Q3817.D	06/27/07 11:33	PB	40	GCMSQ	TO-15	
MSQ205-IC205	Q3818.D	06/27/07 12:21	PB	20	GCMSQ	TO-15	
MSQ205-ICC205	Q3819.D	06/27/07 13:10	PB	10	GCMSQ	TO-15	
MSQ205-IC205	Q3820.D	06/27/07 14:02	PB	5	GCMSQ	TO-15	
MSQ205-IC205	Q3821.D	06/27/07 14:55	PB	2	GCMSQ	TO-15	Reporting this level
MSQ205-IC205	Q3822.D	06/27/07 15:52	PB	.5	GCMSQ	TO-15	
MSQ205-IC205	Q3823.D	06/27/07 16:40	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.58	8.61	0.648	ok	0.648	0.588-0.708
1,3-Butadiene	4.54	8.61	0.527	ok	0.528	0.468-0.588
Benzene	10.13	10.44	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.09	10.44	1.062	ok	1.062	1.002-1.122
Bromoform	15.42	14.70	1.049	ok	1.049	0.989-1.109
Bromomethane	4.82	8.61	0.560	ok	0.560	0.500-0.620
Bromoethene	5.35	8.61	0.621	ok	0.621	0.561-0.681
Benzyl Chloride	17.92	14.70	1.219	ok	1.217	1.157-1.277
Carbon disulfide	6.83	8.61	0.793	ok	0.794	0.734-0.854
Chlorobenzene	14.75	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	4.99	8.61	0.580	ok	0.579	0.519-0.639
Chloroform	8.73	8.61	1.014	ok	1.014	0.954-1.074
Chloromethane	4.18	8.61	0.485	ok	0.486	0.426-0.546
3-Chloropropene	6.63	8.61	0.770	ok	0.770	0.710-0.830
2-Chlorotoluene	17.02	14.70	1.158	ok	1.157	1.097-1.217
Carbon tetrachloride	10.27	8.61	1.193	ok	1.193	1.133-1.253
Cyclohexane	10.39	10.44	0.995	ok	0.995	0.935-1.055
1,1-Dichloroethane	7.63	8.61	0.886	ok	0.887	0.827-0.947
1,1-Dichloroethylene	6.40	8.61	0.743	ok	0.743	0.683-0.803
1,2-Dibromoethane	13.59	14.70	0.924	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.44	8.61	1.096	ok	1.097	1.037-1.157
1,2-Dichloropropane	10.90	10.44	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.12	10.44	1.065	ok	1.066	1.006-1.126
Dichlorodifluoromethane	4.03	8.61	0.468	ok	0.468	0.408-0.528
Dibromochloromethane	13.34	14.70	0.907	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.44	8.61	0.864	ok	0.864	0.804-0.924
cis-1,2-Dichloroethylene	8.45	8.61	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.95	10.44	1.145	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.94	14.70	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.40	14.70	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.01	14.70	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.45	10.44	1.193	ok	1.192	1.132-1.252
Ethanol	5.08	8.61	0.590	ok	0.590	0.530-0.650
Ethylbenzene	15.12	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.64	8.61	1.003	ok	1.003	0.943-1.063
4-Ethyltoluene	17.21	14.70	1.171	ok	1.171	1.111-1.231
Freon 113	6.77	8.61	0.786	ok	0.786	0.726-0.846
Freon 114	4.28	8.61	0.497	ok	0.498	0.438-0.558
Heptane	11.39	10.44	1.091	ok	1.091	1.031-1.151
Hexachlorobutadiene	20.80	14.70	1.415	ok	1.415	1.355-1.475
Hexane	8.64	8.61	1.003	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ205-IC205	Q3817.D	06/27/07 11:33	PB	40	GCMSQ	TO-15	
MSQ205-IC205	Q3818.D	06/27/07 12:21	PB	20	GCMSQ	TO-15	
MSQ205-ICC205	Q3819.D	06/27/07 13:10	PB	10	GCMSQ	TO-15	
MSQ205-IC205	Q3820.D	06/27/07 14:02	PB	5	GCMSQ	TO-15	
MSQ205-IC205	Q3821.D	06/27/07 14:55	PB	2	GCMSQ	TO-15	Reporting this level
MSQ205-IC205	Q3822.D	06/27/07 15:52	PB	.5	GCMSQ	TO-15	
MSQ205-IC205	Q3823.D	06/27/07 16:40	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.14	14.70	0.894	ok	0.894	0.834-0.954
Isopropylbenzene	16.47	14.70	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.81	8.61	0.675	ok	0.674	0.614-0.734
Methylene chloride	6.51	8.61	0.756	ok	0.756	0.696-0.816
Methyl ethyl ketone	8.02	8.61	0.931	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.97	10.44	1.147	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.68	8.61	0.892	ok	0.893	0.833-0.953
Nonane	16.02	14.70	1.090	ok	1.090	1.030-1.150
Pentane	6.12	8.61	0.711	ok	0.711	0.651-0.771
Propylene	3.96	8.61	0.460	ok	0.460	0.400-0.520
Styrene	15.70	14.70	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.69	8.61	1.125	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.81	14.70	1.076	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.63	10.44	1.210	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.30	14.70	1.381	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.76	14.70	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.29	14.70	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.15	10.44	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.41	8.61	0.744	ok	0.745	0.685-0.805
Tetrachloroethylene	14.05	14.70	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.13	8.61	1.060	ok	1.060	1.000-1.120
Toluene	12.91	10.44	1.237	ok	1.236	1.176-1.296
Trichloroethylene	11.13	10.44	1.066	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.76	8.61	0.669	ok	0.670	0.610-0.730
Vinyl chloride	4.41	8.61	0.512	ok	0.512	0.452-0.572
Vinyl Acetate	7.76	8.61	0.901	ok	0.901	0.841-0.961
m,p-Xylene	15.31	14.70	1.041	ok	1.042	0.982-1.102
o-Xylene	15.82	14.70	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.61	ok	8.61	8.28-8.94	130219	ok	146294	87776-204812
1,4-Difluorobenzene	10.44	ok	10.45	10.12-10.78	605152	ok	695163	417098-973228
Chlorobenzene-D5	14.70	ok	14.70	14.37-15.03	507923	ok	587971	352783-823159

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ205-IC205	Q3817.D	06/27/07 11:33	PB	40	GCMSQ	TO-15	
MSQ205-IC205	Q3818.D	06/27/07 12:21	PB	20	GCMSQ	TO-15	
MSQ205-ICC205	Q3819.D	06/27/07 13:10	PB	10	GCMSQ	TO-15	
MSQ205-IC205	Q3820.D	06/27/07 14:02	PB	5	GCMSQ	TO-15	
MSQ205-IC205	Q3821.D	06/27/07 14:55	PB	2	GCMSQ	TO-15	
MSQ205-IC205	Q3822.D	06/27/07 15:52	PB	.5	GCMSQ	TO-15	Reporting this level
MSQ205-IC205	Q3823.D	06/27/07 16:40	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.58	8.60	0.649	ok	0.648	0.588-0.708
1,3-Butadiene	4.54	8.60	0.528	ok	0.528	0.468-0.588
Benzene	10.12	10.43	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.08	10.43	1.062	ok	1.062	1.002-1.122
Bromoform	15.41	14.70	1.048	ok	1.049	0.989-1.109
Bromomethane	4.81	8.60	0.559	ok	0.560	0.500-0.620
Bromoethene	5.34	8.60	0.621	ok	0.621	0.561-0.681
Benzyl Chloride	17.92	14.70	1.219	ok	1.217	1.157-1.277
Carbon disulfide	6.82	8.60	0.793	ok	0.794	0.734-0.854
Chlorobenzene	14.75	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	4.98	8.60	0.579	ok	0.579	0.519-0.639
Chloroform	8.72	8.60	1.014	ok	1.014	0.954-1.074
Chloromethane	4.19	8.60	0.487	ok	0.486	0.426-0.546
3-Chloropropene	6.62	8.60	0.770	ok	0.770	0.710-0.830
2-Chlorotoluene	17.01	14.70	1.157	ok	1.157	1.097-1.217
Carbon tetrachloride	10.27	8.60	1.194	ok	1.193	1.133-1.253
Cyclohexane	10.39	10.43	0.996	ok	0.995	0.935-1.055
1,1-Dichloroethane	7.63	8.60	0.887	ok	0.887	0.827-0.947
1,1-Dichloroethylene	6.40	8.60	0.744	ok	0.743	0.683-0.803
1,2-Dibromoethane	13.59	14.70	0.924	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.44	8.60	1.098	ok	1.097	1.037-1.157
1,2-Dichloropropane	10.90	10.43	1.045	ok	1.044	0.984-1.104
1,4-Dioxane	11.14	10.43	1.068	ok	1.066	1.006-1.126
Dichlorodifluoromethane	4.03	8.60	0.469	ok	0.468	0.408-0.528
Dibromochloromethane	13.33	14.70	0.907	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.43	8.60	0.864	ok	0.864	0.804-0.924
cis-1,2-Dichloroethylene	8.44	8.60	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.94	10.43	1.145	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.94	14.70	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.40	14.70	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.01	14.70	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.45	10.43	1.194	ok	1.192	1.132-1.252
Ethanol	5.08	8.60	0.591	ok	0.590	0.530-0.650
Ethylbenzene	15.13	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.64	8.60	1.005	ok	1.003	0.943-1.063
4-Ethyltoluene	17.21	14.70	1.171	ok	1.171	1.111-1.231
Freon 113	6.76	8.60	0.786	ok	0.786	0.726-0.846
Freon 114	4.28	8.60	0.498	ok	0.498	0.438-0.558
Heptane	11.38	10.43	1.091	ok	1.091	1.031-1.151
Hexachlorobutadiene	20.80	14.70	1.415	ok	1.415	1.355-1.475
Hexane	8.64	8.60	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ205-IC205	Q3817.D	06/27/07 11:33	PB	40	GCMSQ	TO-15	
MSQ205-IC205	Q3818.D	06/27/07 12:21	PB	20	GCMSQ	TO-15	
MSQ205-ICC205	Q3819.D	06/27/07 13:10	PB	10	GCMSQ	TO-15	
MSQ205-IC205	Q3820.D	06/27/07 14:02	PB	5	GCMSQ	TO-15	
MSQ205-IC205	Q3821.D	06/27/07 14:55	PB	2	GCMSQ	TO-15	
MSQ205-IC205	Q3822.D	06/27/07 15:52	PB	.5	GCMSQ	TO-15	Reporting this level
MSQ205-IC205	Q3823.D	06/27/07 16:40	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.15	14.70	0.895	ok	0.894	0.834-0.954
Isopropylbenzene	16.47	14.70	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.81	8.60	0.676	ok	0.674	0.614-0.734
Methylene chloride	6.50	8.60	0.756	ok	0.756	0.696-0.816
Methyl ethyl ketone	8.01	8.60	0.931	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.97	10.43	1.148	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.69	8.60	0.894	ok	0.893	0.833-0.953
Nonane	16.02	14.70	1.090	ok	1.090	1.030-1.150
Pentane	6.11	8.60	0.710	ok	0.711	0.651-0.771
Propylene	3.96	8.60	0.460	ok	0.460	0.400-0.520
Styrene	15.70	14.70	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.68	8.60	1.126	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.81	14.70	1.076	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.63	10.43	1.211	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.31	14.70	1.382	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.75	14.70	1.207	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.29	14.70	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.15	10.43	1.069	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.42	8.60	0.747	ok	0.745	0.685-0.805
Tetrachloroethylene	14.05	14.70	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.13	8.60	1.062	ok	1.060	1.000-1.120
Toluene	12.91	10.43	1.238	ok	1.236	1.176-1.296
Trichloroethylene	11.13	10.43	1.067	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.76	8.60	0.670	ok	0.670	0.610-0.730
Vinyl chloride	4.40	8.60	0.512	ok	0.512	0.452-0.572
Vinyl Acetate	7.75	8.60	0.901	ok	0.901	0.841-0.961
m,p-Xylene	15.30	14.70	1.041	ok	1.042	0.982-1.102
o-Xylene	15.82	14.70	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.60	ok	8.61	8.28-8.94	142407	ok	146294	87776-204812
1,4-Difluorobenzene	10.43	ok	10.45	10.12-10.78	633957	ok	695163	417098-973228
Chlorobenzene-D5	14.70	ok	14.70	14.37-15.03	524787	ok	587971	352783-823159

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ205-IC205	Q3817.D	06/27/07 11:33	PB	40	GCMSQ	TO-15	
MSQ205-IC205	Q3818.D	06/27/07 12:21	PB	20	GCMSQ	TO-15	
MSQ205-ICC205	Q3819.D	06/27/07 13:10	PB	10	GCMSQ	TO-15	
MSQ205-IC205	Q3820.D	06/27/07 14:02	PB	5	GCMSQ	TO-15	
MSQ205-IC205	Q3821.D	06/27/07 14:55	PB	2	GCMSQ	TO-15	
MSQ205-IC205	Q3822.D	06/27/07 15:52	PB	.5	GCMSQ	TO-15	
MSQ205-IC205	Q3823.D	06/27/07 16:40	PB	.2	GCMSQ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.55	8.57	0.648	ok	0.648	0.588-0.708
1,3-Butadiene	4.53	8.57	0.529	ok	0.528	0.468-0.588
Benzene	10.10	10.41	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.06	10.41	1.062	ok	1.062	1.002-1.122
Bromoform	15.41	14.69	1.049	ok	1.049	0.989-1.109
Bromomethane	4.79	8.57	0.559	ok	0.560	0.500-0.620
Bromoethene	5.31	8.57	0.620	ok	0.621	0.561-0.681
Benzyl Chloride	17.76	14.69	1.209	ok	1.217	1.157-1.277
Carbon disulfide	6.79	8.57	0.792	ok	0.794	0.734-0.854
Chlorobenzene	14.73	14.69	1.003	ok	1.003	0.943-1.063
Chloroethane	4.95	8.57	0.578	ok	0.579	0.519-0.639
Chloroform	8.69	8.57	1.014	ok	1.014	0.954-1.074
Chloromethane	4.18	8.57	0.488	ok	0.486	0.426-0.546
3-Chloropropene	6.58	8.57	0.768	ok	0.770	0.710-0.830
2-Chlorotoluene	17.01	14.69	1.158	ok	1.157	1.097-1.217
Carbon tetrachloride	10.24	8.57	1.195	ok	1.193	1.133-1.253
Cyclohexane	10.36	10.41	0.995	ok	0.995	0.935-1.055
1,1-Dichloroethane	7.60	8.57	0.887	ok	0.887	0.827-0.947
1,1-Dichloroethylene	6.36	8.57	0.742	ok	0.743	0.683-0.803
1,2-Dibromoethane	13.58	14.69	0.924	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.40	8.57	1.097	ok	1.097	1.037-1.157
1,2-Dichloropropane	10.87	10.41	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.12	10.41	1.068	ok	1.066	1.006-1.126
Dichlorodifluoromethane	4.02	8.57	0.469	ok	0.468	0.408-0.528
Dibromochloromethane	13.32	14.69	0.907	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.40	8.57	0.863	ok	0.864	0.804-0.924
cis-1,2-Dichloroethylene	8.40	8.57	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.92	10.41	1.145	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.94	14.69	1.221	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.40	14.69	1.253	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.02	14.69	1.227	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.42	10.41	1.193	ok	1.192	1.132-1.252
Ethanol	5.05	8.57	0.589	ok	0.590	0.530-0.650
Ethylbenzene	15.12	14.69	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.60	8.57	1.004	ok	1.003	0.943-1.063
4-Ethyltoluene	17.21	14.69	1.172	ok	1.171	1.111-1.231
Freon 113	6.73	8.57	0.785	ok	0.786	0.726-0.846
Freon 114	4.28	8.57	0.499	ok	0.498	0.438-0.558
Heptane	11.36	10.41	1.091	ok	1.091	1.031-1.151
Hexachlorobutadiene	20.80	14.69	1.416	ok	1.415	1.355-1.475
Hexane	8.60	8.57	1.004	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ205-IC205	Q3817.D	06/27/07 11:33	PB	40	GCMSQ	TO-15	
MSQ205-IC205	Q3818.D	06/27/07 12:21	PB	20	GCMSQ	TO-15	
MSQ205-ICC205	Q3819.D	06/27/07 13:10	PB	10	GCMSQ	TO-15	
MSQ205-IC205	Q3820.D	06/27/07 14:02	PB	5	GCMSQ	TO-15	
MSQ205-IC205	Q3821.D	06/27/07 14:55	PB	2	GCMSQ	TO-15	
MSQ205-IC205	Q3822.D	06/27/07 15:52	PB	.5	GCMSQ	TO-15	
MSQ205-IC205	Q3823.D	06/27/07 16:40	PB	.2	GCMSQ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.13	14.69	0.894	ok	0.894	0.834-0.954
Isopropylbenzene	16.46	14.69	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.78	8.57	0.674	ok	0.674	0.614-0.734
Methylene chloride	6.47	8.57	0.755	ok	0.756	0.696-0.816
Methyl ethyl ketone	7.98	8.57	0.931	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.95	10.41	1.148	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.66	8.57	0.894	ok	0.893	0.833-0.953
Nonane	16.01	14.69	1.090	ok	1.090	1.030-1.150
Pentane	6.07	8.57	0.708	ok	0.711	0.651-0.771
Propylene	3.95	8.57	0.461	ok	0.460	0.400-0.520
Styrene	15.68	14.69	1.067	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.66	8.57	1.127	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.80	14.69	1.076	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.62	10.41	1.212	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.31	14.69	1.383	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.75	14.69	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.29	14.69	1.177	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.12	10.41	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.39	8.57	0.746	ok	0.745	0.685-0.805
Tetrachloroethylene	14.03	14.69	0.955	ok	0.956	0.896-1.016
Tetrahydrofuran	9.11	8.57	1.063	ok	1.060	1.000-1.120
Toluene	12.89	10.41	1.238	ok	1.236	1.176-1.296
Trichloroethylene	11.10	10.41	1.066	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.73	8.57	0.669	ok	0.670	0.610-0.730
Vinyl chloride	4.39	8.57	0.512	ok	0.512	0.452-0.572
Vinyl Acetate	7.72	8.57	0.901	ok	0.901	0.841-0.961
m,p-Xylene	15.30	14.69	1.042	ok	1.042	0.982-1.102
o-Xylene	15.82	14.69	1.077	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.57	ok	8.61	8.28-8.94	125809	ok	146294	87776-204812
1,4-Difluorobenzene	10.41	ok	10.45	10.12-10.78	578831	ok	695163	417098-973228
Chlorobenzene-D5	14.69	ok	14.70	14.37-15.03	473614	ok	587971	352783-823159

Volatile Surrogate Recovery Summary

Job Number: M65803
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Method: TO-15 **Matrix:** AIR

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1
M65803-1	J10805.D	93.0
M65803-2	Q3844.D	94.0
M65576-1DUP	J10799.D	116.0
M65828-1DUP	Q3851.D	136.0
MSJ548-SCC	J10597.D	99.0
MSJ558-BS	J10794A.D	109.0
MSJ558-MB	J10796.D	93.0
MSQ201-SCC	Q3726.D	82.0
MSQ206-BS	Q3837A.D	112.0
MSQ206-MB	Q3838.D	94.0
MSJ548-BS	J10587B.D	104.0
MSJ548-MB	J10589.D	100.0
MSQ201-BS	Q3721A.D	115.0
MSQ201-MB	Q3722.D	84.0

Surrogate Compounds	Recovery Limits
S1 = 4-Bromofluorobenzene	57-139%

Initial Calibration Summary

Job Number: M65803 **Sample:** MSJ548-ICC548
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10584.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Response Factor Report MSJ

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration

Calibration Files
40 =J10586.D 20 =J10585.D 10 =J10584.D 5 =J10583.D
2 =J10582.D .5 =J10580.D .2 =J10581.D 4 =J10094.D

Compound	40	20	10	5	2	.5	.2	4	Avg	%RSD
1) I BROMOCHLOROMETHANE	----------ISTD----------									
2) DICHLORODIFL	3.717	3.577	3.998	3.004	3.569	3.050	3.546		3.494	10.16
3) PROPYLENE	0.644	0.622	0.742	0.499	0.580	0.586	0.585		0.608	12.25
4) FREON 114	3.524	3.317	3.542	2.756	3.309	2.707	3.392		3.221	10.77
5) CHLOROMETHAN	0.870	0.840	0.984	0.726	0.853	0.737	0.895		0.843	10.66
6) VINYL CHLORI	1.091	1.040	1.170	0.841	1.022	0.822	0.950		0.991	12.92
7) 1,3-BUTADIEN	0.761	0.729	0.795	0.601	0.710	0.582	0.542		0.674	14.57
8) BROMOMETHANE	1.282	1.210	1.264	0.980	1.134	0.929	1.103		1.129	12.07
9) CHLOROETHANE	0.538	0.511	0.491	0.396	0.493	0.404	0.346		0.454	15.75
10) TRICHLOROFLU	3.983	3.736	3.856	3.063	3.728	3.028	3.748		3.591	10.69
11) ISOPROPYL AL	1.417	1.273	1.401	0.892	1.095	1.088	0.870		1.148	19.52
12) ACETONE	1.361	1.236	1.380	0.969	1.444	1.553	1.543		1.355	14.95
13) PENTANE	0.862	0.832	0.909	0.730	0.843	0.827	0.898		0.843	7.02
14) 1,1-DICHLORO	1.304	1.211	1.190	0.894	1.022	0.854	0.903		1.054	17.11
15) CARBON DISUL	3.366	3.260	3.491	2.689	3.268	2.769	3.372		3.173	9.90
16) ETHANOL	0.258	0.231	0.255	0.155	0.188	0.175			0.210	20.75
17) BROMOETHENE	1.326	1.230	1.221	0.903	1.013	0.854	0.885		1.062	18.26
18) METHYLENE CH	1.181	1.123	1.075	0.906	1.316	3.249	2.304		1.593	54.06
----- Linear regression ----- Coefficient = 0.9973										
Response Ratio = -0.01503 + 1.16813 *A										
19) 3-CHLOROPROP	0.857	0.933	0.746	0.562	0.707	0.643	0.541		0.713	20.48
20) FREON 113	2.742	2.503	2.406	1.941	2.372	2.180	2.159		2.329	11.23
21) TRANS-1,2-DI	1.269	1.174	1.103	0.842	1.012	0.827	0.872		1.014	17.22
22) TERTIARY BUT	1.176	1.754	1.881	1.192	1.362	0.820	0.679		1.266	35.05
----- Quadratic regression ----- Coefficient = 0.9928										
Response Ratio = -0.16759 + 2.31634 *A + -0.27286 *A^2										
23) METHYL TERTI	2.807	2.491	2.678	1.692	2.018	1.618	1.478		2.112	25.78
24) TETRAHYDROFU	0.885	0.793	0.841	0.520	0.631	0.469			0.690	25.35
25) HEXANE	1.272	1.231	1.206	0.951	1.190	2.478	1.435		1.395	35.75
----- Linear regression ----- Coefficient = 0.9985										
Response Ratio = -0.03565 + 1.27055 *A										
26) VINYL ACETAT	1.737	1.579	1.640	0.967	1.099	1.052			1.346	25.40
27) 1,1-DICHLORO	1.994	1.861	1.816	1.390	1.828	1.451	1.482		1.689	14.24
28) METHYL ETHYL	1.508	1.402	1.488	0.969	1.283	0.976	0.838		1.209	22.89
29) cis-1,2-DICH	1.269	1.130	1.095	0.785	1.005	0.841	0.799		0.989	18.88
30) ETHYL ACETAT	1.652	1.556	1.639	1.031	1.340	0.998	0.941		1.308	24.15
31) CHLOROFORM	2.713	2.498	2.565	1.947	2.530	2.242	2.169		2.381	11.28
32) 1,1,1-TRICHL	3.142	2.875	2.757	2.092	2.840	2.238	2.229		2.596	15.55
33) CARBON TETRA	3.736	3.425	3.418	2.632	3.115	2.544	2.561		3.062	15.90
34) 1,2-DICHLORO	1.668	1.454	1.583	1.069	1.357	1.025	1.111		1.324	19.59
35) I 1,4-DIFLUOROBENZENE	----------ISTD----------									
36) BENZENE	0.733	0.643	0.620	0.433	0.585	0.440	0.404		0.551	22.87

Initial Calibration Summary

Job Number: M65803 **Sample:** MSJ548-ICC548
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10584.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
37) CYCLOHEXANE  0.324 0.306 0.285 0.224 0.251 0.190 0.163       0.249  24.11
38) TRICHLOROETH 0.359 0.322 0.333 0.241 0.302 0.241 0.229       0.290  17.95
39) 1,2-DICHLORO 0.240 0.212 0.218 0.150 0.205 0.145 0.151       0.189  20.59
40) BROMODICHLOR 0.614 0.549 0.566 0.405 0.527 0.395 0.393       0.493  18.85
41) 2,2,4-TRIMET 0.978 0.955 0.904 0.710 0.926 0.630 0.540       0.806  21.91
42) 1,4-DIOXANE  0.136 0.122 0.114 0.070 0.071 0.033             0.091  43.40
            ----- Linear regression -----  Coefficient =  0.9966
              Response Ratio = -0.02081 + 0.13933 *A

43) HEPTANE      0.331 0.306 0.311 0.227 0.297 0.218 0.172       0.266  22.56
44) METHYL ISOBU 0.439 0.388 0.382 0.257 0.351 0.207 0.143       0.309  35.19
            ----- Linear regression -----  Coefficient =  0.9956
              Response Ratio = -0.04140 + 0.43972 *A

45) cis-1,3-DICH 0.394 0.340 0.343 0.207 0.234 0.148 0.133       0.257  40.02
            ----- Linear regression -----  Coefficient =  0.9944
              Response Ratio = -0.04442 + 0.39490 *A

46) TOLUENE      0.541 0.468 0.477 0.300 0.364 0.257 0.219       0.375  32.78
            ----- Linear regression -----  Coefficient =  0.9946
              Response Ratio = -0.05579 + 0.54156 *A

47) trans-1,3-DI 0.389 0.332 0.327 0.185 0.178 0.113 0.095       0.231  50.46
         ----- Quadratic regression -----                Coefficient =  0.9986
              Response Ratio = -0.01768 + 0.29106 *A + 0.02570 *A^2

48) 1,1,2-TRICHL 0.261 0.229 0.237 0.163 0.213 0.145 0.151       0.200  23.23

49) I   CHLOROBENZENE-D5      ----------------ISTD---------------------
50) 2-HEXANONE   0.407 0.354 0.357 0.237 0.241 0.137 0.077       0.258  47.17
            ----- Linear regression -----  Coefficient =  0.9954
              Response Ratio = -0.04317 + 0.40778 *A

51) TETRACHLOROE 0.532 0.443 0.447 0.311 0.383 0.316 0.319       0.393  21.53
52) DIBROMOCHLOR 0.739 0.637 0.650 0.454 0.552 0.411 0.419       0.552  23.30
53) 1,2-DIBROMOE 0.561 0.477 0.481 0.326 0.349 0.258 0.252       0.387  31.20
            ----- Linear regression -----  Coefficient =  0.9940
              Response Ratio = -0.06071 + 0.56085 *A

54) CHLOROBENZEN 0.838 0.708 0.732 0.501 0.561 0.420 0.437       0.600  26.92
55) ETHYLBENZENE 1.316 1.126 1.149 0.771 0.831 0.501 0.421       0.873  38.88
            ----- Linear regression -----  Coefficient =  0.9944
              Response Ratio = -0.13925 + 1.31602 *A

56) m,p-XYLENE   0.532 0.456 0.460 0.308 0.339 0.187 0.149       0.347  41.66
            ----- Linear regression -----  Coefficient =  0.9944
              Response Ratio = -0.11494 + 0.53246 *A

57) o-XYLENE     0.548 0.465 0.473 0.313 0.349 0.194 0.153       0.356  41.55
            ----- Linear regression -----  Coefficient =  0.9940
              Response Ratio = -0.05996 + 0.54733 *A

58) STYRENE      0.797 0.662 0.614 0.362 0.283 0.144 0.125       0.427  62.25
         ----- Quadratic regression -----                Coefficient =  0.9990
              Response Ratio = -0.03872 + 0.55040 *A + 0.06427 *A^2

59) NONANE       0.506 0.468 0.487 0.344 0.430 0.220 0.153       0.373  37.29
            ----- Linear regression -----  Coefficient =  0.9979
              Response Ratio = -0.03223 + 0.50795 *A
```

Initial Calibration Summary

Job Number: M65803 **Sample:** MSJ548-ICC548
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10584.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
60) BROMOFORM    0.840 0.693 0.676 0.439 0.505 0.350 0.337       0.548  34.94
            ----- Linear regression -----  Coefficient =  0.9915
              Response Ratio = -0.10659 + 0.83820 *A

61) 4-BROMOFLUOR 0.680 0.679 0.639 0.589 0.601 0.554 0.506       0.607  10.61
62) 1,1,2,2-TETR 0.718 0.640 0.640 0.457 0.583 0.376 0.366       0.540  25.90
63) ISOPROPYLBEN 1.584 1.348 1.349 0.882 1.050 0.562 0.453       1.032  41.17
            ----- Linear regression -----  Coefficient =  0.9938
              Response Ratio = -0.17672 + 1.58378 *A

64) 2-CHLOROTOLU 1.125 0.965 0.965 0.592 0.640 0.359 0.324       0.710  44.30
            ----- Linear regression -----  Coefficient =  0.9941
              Response Ratio = -0.13201 + 1.12833 *A

65) 4-ETHYLTOLUE 1.528 1.281 1.209 0.737 0.729 0.368 0.280       0.876  54.23
            ----- Linear regression -----  Coefficient =  0.9923
              Response Ratio = -0.21351 + 1.53347 *A

66) 1,3,5-TRIMET 1.373 1.156 1.111 0.717 0.835 0.395 0.286       0.839  48.10
            ----- Linear regression -----  Coefficient =  0.9929
              Response Ratio = -0.17306 + 1.37393 *A

67) 1,2,4-TRIMET 1.326 1.092 1.052 0.638 0.639 0.317 0.249       0.759  53.86
            ----- Linear regression -----  Coefficient =  0.9913
              Response Ratio = -0.18730 + 1.32790 *A

68) m-DICHLOROBE 0.979 0.789 0.777 0.488 0.327 0.211 0.197       0.538  58.03
            ----- Linear regression -----  Coefficient =  0.9904
              Response Ratio = -0.14556 + 0.98012 *A

69) BENZYL CHLOR 0.822 0.657 0.660 0.355 0.144 0.106 0.079       0.403  76.34
         ----- Quadratic regression -----                Coefficient =  0.9982
              Response Ratio = -0.04210 + 0.54750 *A + 0.07122 *A^2

70) p-DICHLOROBE 0.927 0.747 0.741 0.442 0.241 0.174 0.154       0.489  64.45
            ----- Linear regression -----  Coefficient =  0.9904
              Response Ratio = -0.14231 + 0.92916 *A

71) o-DICHLOROBE 0.898 0.730 0.737 0.439 0.339 0.229 0.223       0.514  53.08
            ----- Linear regression -----  Coefficient =  0.9909
              Response Ratio = -0.12742 + 0.89883 *A

72) HEXACHLOROBU 0.580 0.478 0.516 0.311 0.453 0.373 0.380       0.442  21.05
73) 1,2,4-TRICHL 0.353 0.294 0.311 0.147 0.049 0.059 0.043       0.180  76.22
         ----- Quadratic regression -----                Coefficient =  0.9970
              Response Ratio = -0.02240 + 0.26486 *A + 0.02348 *A^2

74) NAPHTHALENE                                                  0.000  -1.00
-------------------------------------------------------------------------------
(#) = Out of Range  ###  Number of calibration levels exceeded format  ###

          J060707T.M        Fri Jun 08 15:32:56 2007
```

Continuing Calibration Summary

Job Number: M65803 **Sample:** MSJ548-CC548
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10587A.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\J10587A.D Vial: 3
Acq On : 7 Jun 2007 4:48 pm Operator: danat
Sample : cc548-10 (m179) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:30:04 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 40% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 180%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	105	0.01	8.63
2	m	DICHLORODIFLUOROMETHANE	3.494	4.068	-16.4	106	0.00	4.08
3	m	PROPYLENE	0.608	0.709	-16.6	100	0.00	4.01
4	m	FREON 114	3.221	3.592	-11.5	106	0.00	4.34
5	m	CHLOROMETHANE	0.843	0.952	-12.9	101	0.00	4.25
6	m	VINYL CHLORIDE	0.991	1.149	-15.9	103	0.00	4.46
7	m	1,3-BUTADIENE	0.674	0.735	-9.1	97	0.00	4.59
8	m	BROMOMETHANE	1.129	1.345	-19.1	111	0.00	4.87
9	m	CHLOROETHANE	0.454	0.508	-11.9	108	0.00	5.04
10	m	TRICHLOROFLUOROMETHANE	3.591	3.934	-9.6	107	0.01	5.80
11	m	ISOPROPYL ALCOHOL	1.148	1.296	-12.9	97	0.02	6.00
12	m	ACETONE	1.355	1.125	17.0	85	0.02	5.68
13	m	PENTANE	0.843	0.900	-6.8	103	0.01	6.15
14	m	1,1-DICHLOROETHYLENE	1.054	1.196	-13.5	105	0.00	6.43
15	m	CARBON DISULFIDE	3.173	3.393	-6.9	102	0.02	6.86
16	m	ETHANOL	0.210	0.217	-3.3	89	0.00	5.25
17	m	BROMOETHENE	1.062	1.322	-24.5	113	0.00	5.39
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	9.443	5.6	106	0.01	6.56
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	0.713	0.768	-7.7	108	0.01	6.67
20	m	FREON 113	2.329	2.452	-5.3	107	0.01	6.80
21	m	TRANS-1,2-DICHLOROETHYLEN	1.014	1.126	-11.0	107	0.01	7.46
		----------	True	Calc.	% Drift	----------		
22	m	TERTIARY BUTYL ALCOHOL	10.000	9.475	5.3	99	0.03	6.61
		----------	AvgRF	CCRF	% Dev	----------		
23	m	METHYL TERTIARY BUTYL ETH	2.112	2.317	-9.7	90	0.01	7.75
24	m	TETRAHYDROFURAN	0.690	0.700	-1.4	87	0.02	9.20
		----------	True	Calc.	% Drift	----------		
25	m	HEXANE	10.000	9.677	3.2	103	0.01	8.64
		----------	AvgRF	CCRF	% Dev	----------		
26	m	VINYL ACETATE	1.346	1.370	-1.8	87	0.02	7.81
27	m	1,1-DICHLOROETHANE	1.689	1.745	-3.3	100	0.02	7.67
28	m	METHYL ETHYL KETONE	1.209	1.313	-8.6	92	0.01	8.09
29	m	cis-1,2-DICHLOROETHYLENE	0.989	1.063	-7.5	101	0.00	8.47
30	m	ETHYL ACETATE	1.308	1.353	-3.4	86	0.01	8.71

Continuing Calibration Summary

Job Number: M65803 **Sample:** MSJ548-CC548
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10587A.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

31	m	CHLOROFORM	2.381	2.363	0.8	96	0.01	8.76
32	m	1,1,1-TRICHLOROETHANE	2.596	2.649	-2.0	100	0.01	9.69
33	m	CARBON TETRACHLORIDE	3.062	3.355	-9.6	103	0.00	10.26
34	m	1,2-DICHLOROETHANE	1.324	1.317	0.5	87	0.00	9.46
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	102	0.01	10.45
36	m	BENZENE	0.551	0.558	-1.3	92	0.01	10.13
37	m	CYCLOHEXANE	0.249	0.290	-16.5	103	0.01	10.38
38	m	TRICHLOROETHYLENE	0.290	0.296	-2.1	90	0.00	11.12
39	m	1,2-DICHLOROPROPANE	0.189	0.187	1.1	87	0.00	10.91
40	m	BROMODICHLOROMETHANE	0.493	0.477	3.2	86	0.01	11.10
41	m	2,2,4-TRIMETHYLPENTANE	0.806	0.896	-11.2	101	0.00	11.13
			True	Calc.	% Drift			
42	m	1,4-DIOXANE	10.000	9.909	0.9	105	0.01	11.20
			AvgRF	CCRF	% Dev			
43	m	HEPTANE	0.266	0.274	-3.0	90	0.00	11.37
			True	Calc.	% Drift			
44	m	METHYL ISOBUTYL KETONE	10.000	8.289	17.1	86	0.00	12.02
45	m	cis-1,3-DICHLOROPROPENE	10.000	8.838	11.6	90	0.00	11.95
46	m	TOLUENE	10.000	8.271	17.3	84	0.00	12.90
47	m	trans-1,3-DICHLOROPROPENE	10.000	8.282	17.2	75	0.00	12.45
			AvgRF	CCRF	% Dev			
48	m	1,1,2-TRICHLOROETHANE	0.200	0.202	-1.0	87	0.00	12.64
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	98	0.00	14.68
			True	Calc.	% Drift			
50	m	2-HEXANONE	10.000	8.766	12.3	87	0.01	13.20
			AvgRF	CCRF	% Dev			
51	m	TETRACHLOROETHYLENE	0.393	0.411	-4.6	90	0.00	14.02
52	m	DIBROMOCHLOROMETHANE	0.552	0.563	-2.0	85	0.00	13.34
			True	Calc.	% Drift			
53	m	1,2-DIBROMOETHANE	10.000	8.572	14.3	86	0.00	13.59
			AvgRF	CCRF	% Dev			
54	m	CHLOROBENZENE	0.525	0.628	-19.6	84	0.00	14.73
			True	Calc.	% Drift			
55	m	ETHYLBENZENE	10.000	8.363	16.4	82	0.00	15.10
56	m	m,p-XYLENE	20.000	16.936	15.3	84	0.00	15.29
57	m	o-XYLENE	10.000	8.232	17.7	81	0.00	15.80
58	m	STYRENE	10.000	9.160	8.4	83	0.00	15.68
59	m	NONANE	10.000	8.512	14.9	81	0.00	15.98
60	m	BROMOFORM	10.000	8.052	19.5	83	0.00	15.41
			AvgRF	CCRF	% Dev			
61	S	4-BROMOFLUOROBENZENE	0.531	0.634	-19.4	98	0.00	16.30
62	m	1,1,2,2-TETRACHLOROETHANE	0.540	0.532	1.5	82	0.00	15.81
			True	Calc.	% Drift			
63	m	ISOPROPYLBENZENE	10.000	8.378	16.2	84	0.00	16.44
64	m	2-CHLOROTOLUENE	10.000	8.225	17.8	81	0.00	16.99
65	m	4-ETHYLTOLUENE	10.000	7.492	25.1	76	0.00	17.18
66	m	1,3,5-TRIMETHYLBENZENE	10.000	7.816	21.8	80	0.00	17.26

Continuing Calibration Summary

Job Number: M65803 **Sample:** MSJ548-CC548
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10587A.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

67 m	1,2,4-TRIMETHYLBENZENE	10.000	7.769	22.3	79	0.00	17.73
68 m	m-DICHLOROBENZENE	10.000	7.748	22.5	78	0.00	17.91
69 m	BENZYL CHLORIDE	10.000	9.047	9.5	76	0.00	17.90
70 m	p-DICHLOROBENZENE	10.000	7.849	21.5	78	0.00	17.99
71 m	o-DICHLOROBENZENE	10.000	8.033	19.7	79	0.00	18.38
	----------	AvgRF	CCRF	% Dev	----------		
72 m	HEXACHLOROBUTADIENE	0.442	0.528	-19.5	101	0.00	20.76
	----------	True	Calc.	% Drift	----------		
73 m	1,2,4-TRICHLOROBENZENE	10.000	12.027	-20.3	104	0.00	20.27
	----------	AvgRF	CCRF	% Dev	----------		
74 m	NAPHTHALENE	0.000	0.000	0.0	0#	0.00	20.40

(0.0 %) 0 of 70 compounds'%D > 30

(#) = Out of Range SPCC's out = 0 CCC's out = 0
J10584.D J060707T.M Fri Jun 08 15:36:35 2007

Initial Calibration Verification

Job Number: M65803 **Sample:** MSJ548-ICV548
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10587.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\J10587.D Vial: 3
Acq On : 7 Jun 2007 4:48 pm Operator: danat
Sample : icv548-10 (m179) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:30:04 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 40% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 180%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	105	0.01	8.63
2	m	DICHLORODIFLUOROMETHANE	3.494	4.068	-16.4	106	0.00	4.08
3	m	PROPYLENE	0.608	0.709	-16.6	100	0.00	4.01
4	m	FREON 114	3.221	3.592	-11.5	106	0.00	4.34
5	m	CHLOROMETHANE	0.843	0.952	-12.9	101	0.00	4.25
6	m	VINYL CHLORIDE	0.991	1.149	-15.9	103	0.00	4.46
7	m	1,3-BUTADIENE	0.674	0.735	-9.1	97	0.00	4.59
8	m	BROMOMETHANE	1.129	1.345	-19.1	111	0.00	4.87
9	m	CHLOROETHANE	0.454	0.508	-11.9	108	0.00	5.04
10	m	TRICHLOROFLUOROMETHANE	3.591	3.934	-9.6	107	0.01	5.80
11	m	ISOPROPYL ALCOHOL	1.148	1.296	-12.9	97	0.02	6.00
12	m	ACETONE	1.355	1.125	17.0	85	0.02	5.68
13	m	PENTANE	0.843	0.900	-6.8	103	0.01	6.15
14	m	1,1-DICHLOROETHYLENE	1.054	1.196	-13.5	105	0.00	6.43
15	m	CARBON DISULFIDE	3.173	3.393	-6.9	102	0.02	6.86
16	m	ETHANOL	0.210	0.217	-3.3	89	0.00	5.25
17	m	BROMOETHENE	1.062	1.322	-24.5	113	0.00	5.39
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	9.443	5.6	106	0.01	6.56
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	0.713	0.768	-7.7	108	0.01	6.67
20	m	FREON 113	2.329	2.452	-5.3	107	0.01	6.80
21	m	TRANS-1,2-DICHLOROETHYLEN	1.014	1.126	-11.0	107	0.01	7.46
		----------	True	Calc.	% Drift	----------		
22	m	TERTIARY BUTYL ALCOHOL	10.000	9.475	5.3	99	0.03	6.61
		----------	AvgRF	CCRF	% Dev	----------		
23	m	METHYL TERTIARY BUTYL ETH	2.112	2.317	-9.7	90	0.01	7.75
24	m	TETRAHYDROFURAN	0.690	0.700	-1.4	87	0.02	9.20
		----------	True	Calc.	% Drift	----------		
25	m	HEXANE	10.000	9.677	3.2	103	0.01	8.64
		----------	AvgRF	CCRF	% Dev	----------		
26	m	VINYL ACETATE	1.346	1.370	-1.8	87	0.02	7.81
27	m	1,1-DICHLOROETHANE	1.689	1.745	-3.3	100	0.02	7.67
28	m	METHYL ETHYL KETONE	1.209	1.313	-8.6	92	0.01	8.09
29	m	cis-1,2-DICHLOROETHYLENE	0.989	1.063	-7.5	101	0.00	8.47
30	m	ETHYL ACETATE	1.308	1.353	-3.4	86	0.01	8.71

Initial Calibration Verification

Job Number: M65803 **Sample:** MSJ548-ICV548
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10587.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

31	m	CHLOROFORM	2.381	2.363	0.8	96	0.01	8.76
32	m	1,1,1-TRICHLOROETHANE	2.596	2.649	-2.0	100	0.01	9.69
33	m	CARBON TETRACHLORIDE	3.062	3.355	-9.6	103	0.00	10.26
34	m	1,2-DICHLOROETHANE	1.324	1.317	0.5	87	0.00	9.46
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	102	0.01	10.45
36	m	BENZENE	0.551	0.558	-1.3	92	0.01	10.13
37	m	CYCLOHEXANE	0.249	0.290	-16.5	103	0.01	10.38
38	m	TRICHLOROETHYLENE	0.290	0.296	-2.1	90	0.00	11.12
39	m	1,2-DICHLOROPROPANE	0.189	0.187	1.1	87	0.00	10.91
40	m	BROMODICHLOROMETHANE	0.493	0.477	3.2	86	0.01	11.10
41	m	2,2,4-TRIMETHYLPENTANE	0.806	0.896	-11.2	101	0.00	11.13
			True	Calc.	% Drift			
42	m	1,4-DIOXANE	10.000	9.909	0.9	105	0.01	11.20
			AvgRF	CCRF	% Dev			
43	m	HEPTANE	0.266	0.274	-3.0	90	0.00	11.37
			True	Calc.	% Drift			
44	m	METHYL ISOBUTYL KETONE	10.000	8.289	17.1	86	0.00	12.02
45	m	cis-1,3-DICHLOROPROPENE	10.000	8.838	11.6	90	0.00	11.95
46	m	TOLUENE	10.000	8.271	17.3	84	0.00	12.90
47	m	trans-1,3-DICHLOROPROPENE	10.000	8.282	17.2	75	0.00	12.45
			AvgRF	CCRF	% Dev			
48	m	1,1,2-TRICHLOROETHANE	0.200	0.202	-1.0	87	0.00	12.64
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	98	0.00	14.68
			True	Calc.	% Drift			
50	m	2-HEXANONE	10.000	8.766	12.3	87	0.01	13.20
			AvgRF	CCRF	% Dev			
51	m	TETRACHLOROETHYLENE	0.393	0.411	-4.6	90	0.00	14.02
52	m	DIBROMOCHLOROMETHANE	0.552	0.563	-2.0	85	0.00	13.34
			True	Calc.	% Drift			
53	m	1,2-DIBROMOETHANE	10.000	8.572	14.3	86	0.00	13.59
			AvgRF	CCRF	% Dev			
54	m	CHLOROBENZENE	0.525	0.628	-19.6	84	0.00	14.73
			True	Calc.	% Drift			
55	m	ETHYLBENZENE	10.000	8.363	16.4	82	0.00	15.10
56	m	m,p-XYLENE	20.000	16.936	15.3	84	0.00	15.29
57	m	o-XYLENE	10.000	8.232	17.7	81	0.00	15.80
58	m	STYRENE	10.000	9.160	8.4	83	0.00	15.68
59	m	NONANE	10.000	8.512	14.9	81	0.00	15.98
60	m	BROMOFORM	10.000	8.052	19.5	83	0.00	15.41
			AvgRF	CCRF	% Dev			
61	S	4-BROMOFLUOROBENZENE	0.531	0.634	-19.4	98	0.00	16.30
62	m	1,1,2,2-TETRACHLOROETHANE	0.540	0.532	1.5	82	0.00	15.81
			True	Calc.	% Drift			
63	m	ISOPROPYLBENZENE	10.000	8.378	16.2	84	0.00	16.44
64	m	2-CHLOROTOLUENE	10.000	8.225	17.8	81	0.00	16.99
65	m	4-ETHYLTOLUENE	10.000	7.492	25.1	76	0.00	17.18
66	m	1,3,5-TRIMETHYLBENZENE	10.000	7.816	21.8	80	0.00	17.26

Initial Calibration Verification

Job Number: M65803 **Sample:** MSJ548-ICV548
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10587.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

67 m	1,2,4-TRIMETHYLBENZENE	10.000	7.769	22.3	79	0.00	17.73
68 m	m-DICHLOROBENZENE	10.000	7.748	22.5	78	0.00	17.91
69 m	BENZYL CHLORIDE	10.000	9.047	9.5	76	0.00	17.90
70 m	p-DICHLOROBENZENE	10.000	7.849	21.5	78	0.00	17.99
71 m	o-DICHLOROBENZENE	10.000	8.033	19.7	79	0.00	18.38
	----------	AvgRF	CCRF	% Dev	----------		
72 m	HEXACHLOROBUTADIENE	0.442	0.528	-19.5	101	0.00	20.76
	----------	True	Calc.	% Drift	----------		
73 m	1,2,4-TRICHLOROBENZENE	10.000	12.027	-20.3	104	0.00	20.27
	----------	AvgRF	CCRF	% Dev	----------		
74 m	NAPHTHALENE		----------NA----------				

(0.0 %) 0 of 70 compounds'%D > 30

(#) = Out of Range SPCC's out = 0 CCC's out = 0
J10584.D J060707T.M Fri Jun 08 15:32:24 2007

Initial Calibration Summary

Job Number: M65803 **Sample:** MSJ557-ICC557
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10762.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Response Factor Report MSJ

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:16:44 2007
Response via : Initial Calibration

Calibration Files
40 =J10760.D 20 =J10761.D 10 =J10762.D 5 =J10763.D
2 =J10765.D .5 =J10757.D .2 =J10758.D 4 =J10094.D

Compound	40	20	10	5	2	.5	.2	4	Avg	%RSD
1) I BROMOCHLOROMETHANE	----------ISTD----------									
2) DICHLORODIFL	3.368	3.221	3.102	3.260	3.558	4.875	3.538		3.560	16.94
3) PROPYLENE	0.561	0.534	0.505	0.499	0.528	0.654	0.385		0.524	15.32
4) FREON 114	2.914	3.003	2.694	2.762	3.239	3.983	3.114		3.101	13.95
5) CHLOROMETHAN	0.716	0.727	0.660	0.682	0.800	1.020	0.789		0.771	15.74
6) VINYL CHLORI	0.859	0.887	0.794	0.801	0.918	1.112	0.818		0.884	12.51
7) 1,3-BUTADIEN	0.682	0.684	0.594	0.595	0.642	0.768	0.413		0.625	17.76
8) BROMOMETHANE	0.962	1.031	0.930	0.919	1.076	1.326	0.776		1.003	17.07
9) CHLOROETHANE	0.410	0.425	0.385	0.367	0.453	0.537	0.289		0.409	18.72
10) TRICHLOROFLU	3.507	3.502	3.217	3.289	3.974	4.957	3.738		3.741	15.90
11) ISOPROPYL AL	1.063	1.159	1.063	0.838	1.257	1.421			1.134	17.47
12) ACETONE	1.117	1.143	1.021	0.950	1.590	5.313	2.429		1.937	81.27
----- Linear regression ----- Coefficient = 0.9959										
Response Ratio = 0.04897 + 1.09899 *A										
13) PENTANE	0.755	0.761	0.693	0.696	0.800	1.916	0.770		0.913	48.63
----- Linear regression ----- Coefficient = 0.9989										
Response Ratio = 0.00156 + 0.75190 *A										
14) 1,1-DICHLORO	0.981	1.022	0.934	0.891	0.948	1.206	0.699		0.954	15.92
15) CARBON DISUL	2.701	2.763	2.590	2.601	2.918	3.861	2.829		2.895	15.27
16) ETHANOL	0.179	0.190	0.168	0.136	0.189	0.347			0.201	36.78
----- Linear regression ----- Coefficient = 0.9971										
Response Ratio = -0.00259 + 0.18086 *A										
17) BROMOETHENE	1.000	1.053	0.953	0.912	0.956	1.131	0.768		0.967	11.82
18) METHYLENE CH	0.878	0.885	0.857	0.860	2.229	3.591	3.261		1.795	68.18
----- Linear regression ----- Coefficient = 0.9942										
Response Ratio = 0.09939 + 0.84516 *A										
19) 3-CHLOROPROP	0.975	0.788	0.655	0.637	0.769	0.982	0.470		0.754	24.59
20) FREON 113	2.210	2.227	2.002	1.956	2.527	3.160	2.309		2.342	17.43
21) TRANS-1,2-DI	0.977	0.957	0.888	0.828	0.946	1.108	0.746		0.921	12.55
22) TERTIARY BUT	1.409	1.523	1.434	1.014	1.036	1.059			1.246	18.70
23) METHYL TERTI	2.078	2.196	1.959	1.665	1.993	2.263	1.209		1.909	19.08
24) TETRAHYDROFU	0.651	0.656	0.573	0.481	0.574	0.541			0.579	11.49
25) HEXANE	1.056	1.043	0.938	0.890	1.229	1.799	1.157		1.159	26.35
26) VINYL ACETAT	1.351	1.394	1.155	1.059	1.182	1.490			1.272	12.96
27) 1,1-DICHLORO	1.647	1.594	1.398	1.377	1.823	2.050	1.374		1.609	15.95
28) METHYL ETHYL	1.224	1.254	1.110	0.957	1.346	1.566	1.020		1.211	17.09
29) cis-1,2-DICH	0.977	0.910	0.813	0.746	0.924	1.081	0.701		0.879	15.18
30) ETHYL ACETAT	1.369	1.369	1.195	1.042	1.378	1.156			1.252	11.27
31) CHLOROFORM	2.269	2.147	1.932	1.854	2.449	2.977	2.165		2.256	16.63
32) 1,1,1-TRICHL	2.769	2.504	2.284	2.150	2.967	3.342	2.281		2.614	16.57
33) CARBON TETRA	3.343	3.154	2.944	2.719	3.477	4.090	2.925		3.236	14.13
34) 1,2-DICHLORO	1.393	1.340	1.147	1.113	1.425	1.638	1.053		1.301	15.97

Initial Calibration Summary

Job Number: M65803 **Sample:** MSJ557-ICC557
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10762.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
35) I   1,4-DIFLUOROBENZENE   ----------------ISTD--------------------
36) BENZENE      0.561 0.523 0.444 0.403 0.513 0.527 0.306       0.468  19.17
37) CYCLOHEXANE  0.260 0.250 0.225 0.200 0.209 0.217             0.227  10.38
38) TRICHLOROETH 0.299 0.271 0.241 0.218 0.280 0.306 0.196       0.259  16.03
39) 1,2-DICHLORO 0.189 0.169 0.145 0.136 0.171 0.174 0.125       0.159  14.66
40) BROMODICHLOR 0.520 0.474 0.409 0.381 0.492 0.581 0.401       0.465  15.60
41) 2,2,4-TRIMET 0.926 0.820 0.705 0.620 0.792 0.796 0.296       0.708  28.96
42) 1,4-DIOXANE  0.100 0.096 0.081 0.056 0.099 0.090             0.087  19.13
43) HEPTANE      0.293 0.263 0.227 0.201 0.256 0.224 0.100       0.224  27.86
44) METHYL ISOBU 0.357 0.328 0.274 0.208 0.299 0.236             0.283  19.65
45) cis-1,3-DICH 0.299 0.280 0.230 0.193 0.204 0.182 0.104       0.213  30.47
            ----- Linear regression -----  Coefficient =  0.9964
              Response Ratio = -0.02976 + 0.30133 *A

46) TOLUENE      0.424 0.384 0.319 0.280 0.315 0.295 0.156       0.310  27.43
47) trans-1,3-DI 0.303 0.275 0.220 0.183 0.174 0.147 0.083       0.198  38.06
         ----- Quadratic regression -----                Coefficient =  0.9989
              Response Ratio = -0.01325 + 0.23504 *A + 0.01807 *A^2

48) 1,1,2-TRICHL 0.197 0.181 0.157 0.144 0.180 0.196 0.142       0.171  13.54

49) I   CHLOROBENZENE-D5      ----------------ISTD--------------------
50) 2-HEXANONE   0.313 0.288 0.255 0.183 0.232 0.173             0.241  23.28
51) TETRACHLOROE 0.389 0.360 0.318 0.283 0.346 0.381 0.243       0.331  16.16
52) DIBROMOCHLOR 0.536 0.526 0.469 0.420 0.524 0.584 0.408       0.495  13.11
53) 1,2-DIBROMOE 0.389 0.377 0.329 0.289 0.332 0.356 0.228       0.328  16.94
54) CHLOROBENZEN 0.608 0.587 0.519 0.464 0.550 0.561 0.394       0.526  14.24
55) ETHYLBENZENE 0.947 0.907 0.796 0.673 0.737 0.495 0.239       0.685  36.16
            ----- Linear regression -----  Coefficient =  0.9982
              Response Ratio = -0.07306 + 0.95531 *A

56) m,p-XYLENE   0.397 0.372 0.327 0.279 0.315 0.204 0.087       0.283  37.75
            ----- Linear regression -----  Coefficient =  0.9977
              Response Ratio = -0.06549 + 0.39936 *A

57) o-XYLENE     0.405 0.373 0.329 0.273 0.319 0.175 0.069       0.277  42.62
            ----- Linear regression -----  Coefficient =  0.9970
              Response Ratio = -0.03674 + 0.40695 *A

58) STYRENE      0.579 0.525 0.421 0.323 0.288 0.148 0.068       0.336  55.93
            ----- Linear regression -----  Coefficient =  0.9947
              Response Ratio = -0.07685 + 0.58626 *A

59) NONANE       0.416 0.382 0.333 0.278 0.380 0.147             0.323  30.48
            ----- Linear regression -----  Coefficient =  0.9967
              Response Ratio = -0.04651 + 0.42111 *A

60) BROMOFORM    0.593 0.544 0.466 0.396 0.502 0.511 0.335       0.478  18.39
61) 4-BROMOFLUOR 0.731 0.693 0.662 0.627 0.653 0.552 0.503       0.631  12.62
62) 1,1,2,2-TETR 0.508 0.465 0.401 0.346 0.522 0.456 0.265       0.423  21.80
63) ISOPROPYLBEN 1.156 1.075 0.925 0.754 0.947 0.524 0.212       0.799  41.62
            ----- Linear regression -----  Coefficient =  0.9968
              Response Ratio = -0.10637 + 1.16342 *A

64) 2-CHLOROTOLU 0.820 0.742 0.627 0.501 0.600 0.320 0.146       0.537  44.06
            ----- Linear regression -----  Coefficient =  0.9954
              Response Ratio = -0.08980 + 0.82500 *A

65) 4-ETHYLTOLUE 1.123 0.996 0.778 0.602 0.696 0.277 0.127       0.657  54.75
```

Initial Calibration Summary

Job Number: M65803 **Sample:** MSJ557-ICC557
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10762.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
            ----- Linear regression -----  Coefficient =  0.9930
              Response Ratio = -0.15365 + 1.13173 *A

66) 1,3,5-TRIMET 0.993 0.886 0.735 0.585 0.783 0.319 0.119       0.632  49.71
            ----- Linear regression -----  Coefficient =  0.9943
              Response Ratio = -0.11488 + 0.99783 *A

67) 1,2,4-TRIMET 0.939 0.811 0.667 0.509 0.632 0.226 0.087       0.553  55.26
            ----- Linear regression -----  Coefficient =  0.9924
              Response Ratio = -0.12628 + 0.94228 *A

68) m-DICHLOROBE 0.677 0.568 0.483 0.403 0.420 0.266 0.137       0.422  42.85
            ----- Linear regression -----  Coefficient =  0.9914
              Response Ratio = -0.08962 + 0.67658 *A

69) BENZYL CHLOR 0.564 0.458 0.387 0.284 0.231 0.072             0.333  52.55
            ----- Linear regression -----  Coefficient =  0.9906
              Response Ratio = -0.11648 + 0.57403 *A

70) p-DICHLOROBE 0.645 0.543 0.467 0.384 0.344 0.197 0.098       0.383  49.81
            ----- Linear regression -----  Coefficient =  0.9921
              Response Ratio = -0.08702 + 0.64524 *A

71) o-DICHLOROBE 0.595 0.493 0.419 0.340 0.416 0.255 0.127       0.378  40.83
            ----- Linear regression -----  Coefficient =  0.9902
              Response Ratio = -0.07928 + 0.59303 *A

72) HEXACHLOROBU 0.367 0.323 0.296 0.231 0.743 0.360 0.220       0.363  48.82
         ----- Quadratic regression -----                Coefficient =  0.9951
              Response Ratio = 0.02088 + 0.25448 *A + 0.02689 *A^2

73) 1,2,4-TRICHL 0.228 0.197 0.166 0.113 0.146 0.072             0.154  36.61
            ----- Linear regression -----  Coefficient =  0.9933
              Response Ratio = -0.03971 + 0.23216 *A

74) NAPHTHALENE                                                  0.000  -1.00
-------------------------------------------------------------------------------
(#) = Out of Range  ###  Number of calibration levels exceeded format  ###

          J062507T.M        Tue Jun 26 11:26:42 2007
```

Initial Calibration Verification

Job Number: M65803 **Sample:** MSJ557-ICV557
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10768.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\J10768.D Vial: 1
Acq On : 26 Jun 2007 11:20 am Operator: danat
Sample : icv557-10 (M080) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:16:44 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 40% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 180%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	93	0.00	8.63
2	m	DICHLORODIFLUOROMETHANE	3.560	3.752	-5.4	113	0.00	4.07
3	m	PROPYLENE	0.524	0.599	-14.3	111	0.00	4.00
4	m	FREON 114	3.101	2.921	5.8	101	0.00	4.33
5	m	CHLOROMETHANE	0.771	0.767	0.5	108	0.00	4.24
6	m	VINYL CHLORIDE	0.884	0.867	1.9	102	0.01	4.46
7	m	1,3-BUTADIENE	0.625	0.646	-3.4	101	0.00	4.59
8	m	BROMOMETHANE	1.003	0.989	1.4	99	0.00	4.86
9	m	CHLOROETHANE	0.409	0.401	2.0	97	0.00	5.04
10	m	TRICHLOROFLUOROMETHANE	3.741	3.576	4.4	104	0.00	5.80
11	m	ISOPROPYL ALCOHOL	1.134	1.023	9.8	90	0.00	5.98
		----------	True	Calc.	% Drift		----------	
12	m	ACETONE	10.000	8.820	11.8	93	0.01	5.67
13	m	PENTANE	10.000	10.098	-1.0	102	0.00	6.14
		----------	AvgRF	CCRF	% Dev		----------	
14	m	1,1-DICHLOROETHYLENE	0.954	0.903	5.3	90	0.00	6.43
15	m	CARBON DISULFIDE	2.895	2.700	6.7	97	0.00	6.86
		----------	True	Calc.	% Drift		----------	
16	m	ETHANOL	10.000	9.662	3.4	95	0.01	5.24
		----------	AvgRF	CCRF	% Dev		----------	
17	m	BROMOETHENE	0.967	0.957	1.0	94	0.00	5.39
		----------	True	Calc.	% Drift		----------	
18	m	METHYLENE CHLORIDE	10.000	8.509	14.9	89	0.00	6.56
		----------	AvgRF	CCRF	% Dev		----------	
19	m	3-CHLOROPROPENE	0.754	0.728	3.4	103	0.01	6.67
20	m	FREON 113	2.342	2.044	12.7	95	0.00	6.80
21	m	TRANS-1,2-DICHLOROETHYLEN	0.921	0.877	4.8	92	0.00	7.46
22	m	TERTIARY BUTYL ALCOHOL	1.246	1.413	-13.4	92	0.01	6.58
23	m	METHYL TERTIARY BUTYL ETH	1.909	1.855	2.8	88	0.01	7.75
24	m	TETRAHYDROFURAN	0.579	0.568	1.9	92	0.00	9.19
25	m	HEXANE	1.159	0.958	17.3	95	0.00	8.64
26	m	VINYL ACETATE	1.272	1.096	13.8	88	0.00	7.81
27	m	1,1-DICHLOROETHANE	1.609	1.497	7.0	100	0.00	7.66
28	m	METHYL ETHYL KETONE	1.211	1.131	6.6	95	0.00	8.08
29	m	cis-1,2-DICHLOROETHYLENE	0.879	0.823	6.4	94	0.00	8.47
30	m	ETHYL ACETATE	1.252	1.191	4.9	93	0.00	8.70

Initial Calibration Verification

Job Number: M65803 **Sample:** MSJ557-ICV557
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10768.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

31	m	CHLOROFORM	2.256	2.090	7.4	101	0.00	8.75
32	m	1,1,1-TRICHLOROETHANE	2.614	2.466	5.7	101	0.00	9.69
33	m	CARBON TETRACHLORIDE	3.236	3.274	-1.2	104	0.00	10.26
34	m	1,2-DICHLOROETHANE	1.301	1.240	4.7	101	0.00	9.46
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	90	0.00	10.45
36	m	BENZENE	0.468	0.466	0.4	94	0.00	10.13
37	m	CYCLOHEXANE	0.227	0.243	-7.0	97	0.00	10.37
38	m	TRICHLOROETHYLENE	0.259	0.271	-4.6	101	0.00	11.12
39	m	1,2-DICHLOROPROPANE	0.159	0.159	0.0	99	0.00	10.91
40	m	BROMODICHLOROMETHANE	0.465	0.451	3.0	99	0.00	11.10
41	m	2,2,4-TRIMETHYLPENTANE	0.708	0.815	-15.1	104	0.00	11.12
42	m	1,4-DIOXANE	0.087	0.087	0.0	97	0.00	11.19
43	m	HEPTANE	0.224	0.253	-12.9	100	0.00	11.36
44	m	METHYL ISOBUTYL KETONE	0.283	0.296	-4.6	97	0.00	12.01
		----------	True	Calc.	% Drift	----------		
45	m	cis-1,3-DICHLOROPROPENE	10.000	9.405	6.0	99	0.00	11.94
		----------	AvgRF	CCRF	% Dev	----------		
46	m	TOLUENE	0.310	0.342	-10.3	96	0.00	12.89
		----------	True	Calc.	% Drift	----------		
47	m	trans-1,3-DICHLOROPROPENE	10.000	8.701	13.0	84	0.00	12.45
		----------	AvgRF	CCRF	% Dev	----------		
48	m	1,1,2-TRICHLOROETHANE	0.171	0.175	-2.3	101	0.00	12.63
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	91	0.00	14.68
50	m	2-HEXANONE	0.241	0.258	-7.1	92	0.00	13.18
51	m	TETRACHLOROETHYLENE	0.331	0.352	-6.3	101	0.00	14.01
52	m	DIBROMOCHLOROMETHANE	0.495	0.511	-3.2	99	0.00	13.33
53	m	1,2-DIBROMOETHANE	0.328	0.353	-7.6	98	0.00	13.58
54	m	CHLOROBENZENE	0.460	0.561	-22.0	99	0.00	14.72
		----------	True	Calc.	% Drift	----------		
55	m	ETHYLBENZENE	10.000	9.766	2.3	98	0.00	15.09
56	m	m,p-XYLENE	20.000	19.851	0.7	101	0.00	15.29
57	m	o-XYLENE	10.000	9.857	1.4	101	0.00	15.79
58	m	STYRENE	10.000	9.217	7.8	100	0.00	15.68
59	m	NONANE	10.000	10.451	-4.5	108	0.00	15.97
		----------	AvgRF	CCRF	% Dev	----------		
60	m	BROMOFORM	0.478	0.528	-10.5	103	0.00	15.41
61	S	4-BROMOFLUOROBENZENE	0.552	0.673	-21.9	93	0.00	16.30
62	m	1,1,2,2-TETRACHLOROETHANE	0.423	0.501	-18.4	114	0.00	15.80
		----------	True	Calc.	% Drift	----------		
63	m	ISOPROPYLBENZENE	10.000	10.228	-2.3	107	0.00	16.43
64	m	2-CHLOROTOLUENE	10.000	10.226	-2.3	110	0.00	16.99
65	m	4-ETHYLTOLUENE	10.000	9.084	9.2	102	0.00	17.17
66	m	1,3,5-TRIMETHYLBENZENE	10.000	9.988	0.1	109	0.00	17.26
67	m	1,2,4-TRIMETHYLBENZENE	10.000	9.953	0.5	111	0.00	17.72
68	m	m-DICHLOROBENZENE	10.000	10.222	-2.2	114	0.00	17.91
69	m	BENZYL CHLORIDE	10.000	10.065	-0.6	109	0.00	17.89
70	m	p-DICHLOROBENZENE	10.000	10.075	-0.7	110	0.00	17.99
71	m	o-DICHLOROBENZENE	10.000	10.662	-6.6	120	0.00	18.37
72	m	HEXACHLOROBUTADIENE	10.000	14.409	-44.1#	137	0.00	20.76
73	m	1,2,4-TRICHLOROBENZENE	10.000	11.586	-15.9	126	0.00	20.27

Initial Calibration Verification

Job Number: M65803 **Sample:** MSJ557-ICV557
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10768.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
            ----------------------- AvgRF   CCRF     % Dev   -------------
74 m   NAPHTHALENE                          ----------NA----------
-------------------------------------------------------------------------------

 (  1.4 %)  1 of  70 compounds'%D > 30
-------------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    J10762.D   J062507T.M       Tue Jun 26 11:52:32 2007
```

Continuing Calibration Summary

Job Number: M65803 **Sample:** MSJ558-CC557
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10794.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

```
Data File : C:\MSDCHEM\1\DATA\J10794.D                    Vial: 1
Acq On    : 27 Jun 2007  12:22 pm                    Operator: danat
Sample    : cc557-10 (M080)                          Inst    : MSJ
Misc      : MS13762, MSJ558,,,,,1                    Multiplr: 1.00
MS Integration Params: LSCINT.P

Method       : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title        :  TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update  : Mon Jun 25 18:15:12 2007
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  40%  Max. R.T. Dev  0.33min
Max. RRF Dev :  30%     Max. Rel. Area : 180%
```

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	103	-0.02	8.60
2	m	DICHLORODIFLUOROMETHANE	3.560	3.328	6.5	110	0.00	4.07
3	m	PROPYLENE	0.524	0.532	-1.5	108	0.00	4.00
4	m	FREON 114	3.101	2.746	11.4	105	0.00	4.32
5	m	CHLOROMETHANE	0.771	0.698	9.5	109	0.00	4.23
6	m	VINYL CHLORIDE	0.884	0.797	9.8	103	0.00	4.45
7	m	1,3-BUTADIENE	0.625	0.602	3.7	104	0.00	4.58
8	m	BROMOMETHANE	1.003	0.927	7.6	103	-0.01	4.85
9	m	CHLOROETHANE	0.409	0.382	6.6	102	-0.02	5.01
10	m	TRICHLOROFLUOROMETHANE	3.741	3.332	10.9	107	-0.02	5.77
11	m	ISOPROPYL ALCOHOL	1.134	0.935	17.5	90	0.04	6.02
		----------	True	Calc.	% Drift	----------		
12	m	ACETONE	10.000	8.628	13.7	100	0.00	5.65
13	m	PENTANE	10.000	10.223	-2.2	114	-0.02	6.11
		----------	AvgRF	CCRF	% Dev	----------		
14	m	1,1-DICHLOROETHYLENE	0.954	0.850	10.9	94	-0.02	6.40
15	m	CARBON DISULFIDE	2.895	2.516	13.1	100	-0.02	6.83
		----------	True	Calc.	% Drift	----------		
16	m	ETHANOL	10.000	7.854	21.5	85	0.03	5.26
		----------	AvgRF	CCRF	% Dev	----------		
17	m	BROMOETHENE	0.967	0.911	5.8	98	-0.01	5.37
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	8.039	19.6	93	-0.03	6.52
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	0.754	0.851	-12.9	134	-0.02	6.64
20	m	FREON 113	2.342	1.942	17.1	100	-0.03	6.77
21	m	TRANS-1,2-DICHLOROETHYLEN	0.921	0.833	9.6	97	-0.02	7.43
22	m	TERTIARY BUTYL ALCOHOL	1.246	1.164	6.6	84	0.05	6.62
23	m	METHYL TERTIARY BUTYL ETH	1.909	1.743	8.7	92	-0.01	7.72
24	m	TETRAHYDROFURAN	0.579	0.543	6.2	98	-0.01	9.17
25	m	HEXANE	1.159	0.934	19.4	102	-0.02	8.61
26	m	VINYL ACETATE	1.272	1.107	13.0	99	-0.02	7.79
27	m	1,1-DICHLOROETHANE	1.609	1.435	10.8	106	-0.02	7.63
28	m	METHYL ETHYL KETONE	1.211	1.072	11.5	99	0.00	8.07
29	m	cis-1,2-DICHLOROETHYLENE	0.879	0.787	10.5	100	-0.02	8.44
30	m	ETHYL ACETATE	1.252	1.162	7.2	100	-0.01	8.69

Continuing Calibration Summary

Job Number: M65803 **Sample:** MSJ558-CC557
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10794.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

31	m	CHLOROFORM	2.256	2.040	9.6	109	-0.02	8.73
32	m	1,1,1-TRICHLOROETHANE	2.614	2.292	12.3	103	-0.02	9.67
33	m	CARBON TETRACHLORIDE	3.236	3.053	5.7	107	-0.02	10.24
34	m	1,2-DICHLOROETHANE	1.301	1.187	8.8	107	-0.01	9.44
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	101	-0.01	10.43
36	m	BENZENE	0.468	0.439	6.2	100	-0.01	10.11
37	m	CYCLOHEXANE	0.227	0.222	2.2	100	-0.02	10.35
38	m	TRICHLOROETHYLENE	0.259	0.258	0.4	108	0.00	11.11
39	m	1,2-DICHLOROPROPANE	0.159	0.152	4.4	106	0.00	10.90
40	m	BROMODICHLOROMETHANE	0.465	0.430	7.5	107	0.00	11.09
41	m	2,2,4-TRIMETHYLPENTANE	0.708	0.754	-6.5	108	-0.01	11.11
42	m	1,4-DIOXANE	0.087	0.080	8.0	100	0.01	11.19
43	m	HEPTANE	0.224	0.241	-7.6	107	-0.01	11.35
44	m	METHYL ISOBUTYL KETONE	0.283	0.273	3.5	101	0.01	12.01
		----------	True	Calc.	% Drift	----------		
45	m	cis-1,3-DICHLOROPROPENE	10.000	8.772	12.3	103	0.00	11.94
		----------	AvgRF	CCRF	% Dev	----------		
46	m	TOLUENE	0.310	0.324	-4.5	103	0.00	12.89
		----------	True	Calc.	% Drift	----------		
47	m	trans-1,3-DICHLOROPROPENE	10.000	7.398	26.0	87	0.00	12.45
		----------	AvgRF	CCRF	% Dev	----------		
48	m	1,1,2-TRICHLOROETHANE	0.171	0.166	2.9	107	0.00	12.63
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	102	0.00	14.68
50	m	2-HEXANONE	0.241	0.228	5.4	92	0.02	13.20
51	m	TETRACHLOROETHYLENE	0.331	0.332	-0.3	107	0.00	14.01
52	m	DIBROMOCHLOROMETHANE	0.495	0.488	1.4	107	0.00	13.34
53	m	1,2-DIBROMOETHANE	0.328	0.335	-2.1	104	0.00	13.58
54	m	CHLOROBENZENE	0.460	0.539	-17.2	106	0.00	14.73
		----------	True	Calc.	% Drift	----------		
55	m	ETHYLBENZENE	10.000	9.419	5.8	106	0.00	15.10
56	m	m,p-XYLENE	20.000	19.063	4.7	109	0.00	15.29
57	m	o-XYLENE	10.000	9.502	5.0	109	0.00	15.80
58	m	STYRENE	10.000	8.795	12.1	107	0.00	15.68
59	m	NONANE	10.000	10.032	-0.3	116	0.00	15.98
		----------	AvgRF	CCRF	% Dev	----------		
60	m	BROMOFORM	0.478	0.502	-5.0	110	0.01	15.42
61	S	4-BROMOFLUOROBENZENE	0.552	0.691	-25.2	107	0.01	16.31
62	m	1,1,2,2-TETRACHLOROETHANE	0.423	0.472	-11.6	120	0.01	15.81
		----------	True	Calc.	% Drift	----------		
63	m	ISOPROPYLBENZENE	10.000	9.751	2.5	114	0.01	16.44
64	m	2-CHLOROTOLUENE	10.000	9.794	2.1	117	0.00	16.99
65	m	4-ETHYLTOLUENE	10.000	8.792	12.1	111	0.00	17.18
66	m	1,3,5-TRIMETHYLBENZENE	10.000	9.450	5.5	115	0.00	17.27
67	m	1,2,4-TRIMETHYLBENZENE	10.000	9.470	5.3	118	0.00	17.73
68	m	m-DICHLOROBENZENE	10.000	9.605	3.9	119	0.00	17.92
69	m	BENZYL CHLORIDE	10.000	9.216	7.8	109	0.01	17.90
70	m	p-DICHLOROBENZENE	10.000	9.347	6.5	113	0.00	17.99
71	m	o-DICHLOROBENZENE	10.000	9.931	0.7	124	0.00	18.38
72	m	HEXACHLOROBUTADIENE	10.000	13.495	-34.9#	143	0.00	20.76
73	m	1,2,4-TRICHLOROBENZENE	10.000	10.586	-5.9	127	0.00	20.28

Continuing Calibration Summary

Job Number: M65803 **Sample:** MSJ558-CC557
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10794.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
            ---------------------- AvgRF   CCRF     % Dev   -------------
74 m   NAPHTHALENE                          ----------NA----------
-------------------------------------------------------------------------------

 (  1.4 %)  1 of  70 compounds'%D > 30
-------------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    J10762.D   J062507T.M       Thu Jun 28 14:58:15 2007
```

Initial Calibration Summary

Job Number: M65803 **Sample:** MSQ201-ICC201
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3718.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Response Factor Report MAMSQ

Method : C:\msdchem\1\METHODS\Q061407T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 14 17:36:13 2007
Response via : Initial Calibration

Calibration Files
.2 =Q3717.D .5 =Q3716.D 2 =Q3720.D
5 =Q3719.D 10 =Q3718.D 40 =Q3715.D =

Compound	.2	.5	2	5	10	40	Avg	%RSD
1) I BROMOCHLOROMETHANE	----------ISTD----------							
2)m DICHLORODIFLUOROM	0.861	1.162	0.940	0.957	0.684	0.842	0.908 E1	17.37
3)m PROPYLENE		1.121	1.158	1.419	0.861	1.442	1.200	19.95
4)m FREON 114	7.394	9.886	8.638	6.512	5.822	6.682	7.489	20.22
5)m CHLOROMETHANE	1.130	1.274	1.807	1.419	1.039	1.441	1.351	20.21
6)m VINYL CHLORIDE	1.490	2.181	2.115	1.617	1.380	1.755	1.756	18.73
7)m 1,3-BUTADIENE		1.755	1.666	1.423	1.212	1.613	1.534	14.16
8)m BROMOMETHANE		2.593	1.919	1.833	1.374	1.864	1.916	22.76
9)m CHLOROETHANE	0.391	0.900	0.879	0.750	0.599	0.585	0.684	28.66
10)m TRICHLOROFLUOROME	1.062	0.880	0.968	0.770	0.893	0.798	0.895 E1	12.09
11)m ISOPROPYL ALCOHOL		3.014	2.681	1.978	2.205	2.044	2.384	18.72
12)m ACETONE		4.515	3.623	2.770	2.825	2.292	3.205	27.28
13)m PENTANE	1.553	1.087	1.606	1.206	1.359	1.292	1.351	14.81
14)m 1,1-DICHLOROETHYL	2.361	2.226	1.678	1.386	1.501	1.797	1.825	21.49
15)m CARBON DISULFIDE	5.087	4.581	5.164	4.651	4.723	4.807	4.836	4.93
16)m ETHANOL	0.411	0.600	0.548	0.513	0.338	0.309	0.453	26.13
17)m BROMOETHENE	1.602	1.853	1.678	1.329	1.351	1.183	1.499	16.85
18)m METHYLENE CHLORID	5.914	3.617	2.745	2.056	1.973	1.784	3.015	52.15
----- Linear regression (equal Weighting)----- Coefficient = 0.9996								
Response Ratio = 0.14480 + 1.75351 *A								
19)m 3-CHLOROPROPENE		2.863	2.353	2.284	2.372	2.405	2.455	9.45
20)m FREON 113	3.582	3.048	3.173	2.893	3.032	3.217	3.157	7.51
21)m TRANS-1,2-DICHLOR	2.386	1.793	1.714	1.592	1.589	1.698	1.795	16.70
22)m TERTIARY BUTYL AL	4.087	4.010	3.614	3.239	3.452	3.365	3.628	9.62
23)m METHYL TERTIARY B	6.218	5.664	5.245	4.773	4.640	5.429	5.328	10.95
24)m TETRAHYDROFURAN		0.813	1.093	1.163	1.075	1.543	1.137	23.12
25)m HEXANE		1.945	1.806	1.716	1.605	1.579	1.730	8.70
26)m VINYL ACETATE		3.175	2.993	3.257	3.417	4.049	3.378	11.99
27)m 1,1-DICHLOROETHAN	4.355	4.118	4.410	3.827	3.630	3.937	4.046	7.54
28)m METHYL ETHYL KETO		2.037	2.156	2.296	2.432	2.344	2.253	6.96
29)m cis-1,2-DICHLOROE	0.871	1.035	1.036	1.141	1.184	1.329	1.099	14.20
30)m ETHYL ACETATE		4.294	4.354	4.202	4.200	4.224	4.255	1.59
31)m CHLOROFORM	6.020	5.292	5.049	4.374	4.497	4.511	4.957	12.76
32)m 1,1,1-TRICHLOROET	6.167	6.389	5.181	4.662	4.693	6.391	5.581	14.88
33)m CARBON TETRACHLOR	5.109	6.342	5.494	5.205	5.440	7.287	5.813	14.52
34)m 1,2-DICHLOROETHAN	3.526	3.981	2.809	2.986	3.021	4.024	3.391	15.64
35) I 1,4-DIFLUOROBENZENE	----------ISTD----------							
36)m BENZENE	0.588	0.742	0.703	0.340	0.776	0.819	0.661	26.63
37)m CYCLOHEXANE		0.110	0.219	0.242	0.245	0.267	0.217	28.68
38)m TRICHLOROETHYLENE	0.215	0.345	0.429	0.396	0.445	0.448	0.379	23.60
39)m 1,2-DICHLOROPROPA		0.259	0.279	0.272	0.311	0.308	0.286	8.00
40)m BROMODICHLOROMETH	1.017	0.775	0.954	0.872	0.908	0.920	0.908	8.97
41)m 2,2,4-TRIMETHYLPE		0.915	1.161	1.075	1.207	1.142	1.100	10.34
42)m 1,4-DIOXANE		0.120	0.146	0.128	0.147	0.160	0.140	11.40

Initial Calibration Summary

Job Number: M65803 **Sample:** MSQ201-ICC201
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3718.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
43)m HEPTANE                 0.250 0.375 0.381 0.391 0.387       0.357  16.74
44)m METHYL ISOBUTYL K       0.317 0.484 0.611 0.668 0.637       0.543  26.59
45)m cis-1,3-DICHLOROP       0.267 0.370 0.426 0.514 0.544       0.424  26.33
46)m TOLUENE                 0.293 0.414 0.507 0.537 0.557       0.462  23.63
47)m trans-1,3-DICHLOR       0.174 0.307 0.348 0.420 0.496       0.349  34.79
  ----- Linear regression  (equal Weighting)-----  Coefficient =  0.9987
              Response Ratio = -0.05317 + 0.50700 *A

48)m 1,1,2-TRICHLOROET 0.263 0.238 0.354 0.354 0.344 0.336       0.315  16.23

49) I   CHLOROBENZENE-D5      ----------------ISTD---------------------
50)m 2-HEXANONE              0.414 0.438 0.540 0.704 0.692       0.558  24.50
51)m TETRACHLOROETHYLE 0.304 0.282 0.344 0.312 0.355 0.316       0.319   8.33
52)m DIBROMOCHLOROMETH 0.497 0.805 0.838 0.713 0.922 0.917       0.782  20.43
53)m 1,2-DIBROMOETHANE       0.511 0.625 0.590 0.705 0.720       0.630  13.61
54)m CHLOROBENZENE           0.771 0.822 0.779 0.791 0.661       0.765   8.00
55)m ETHYLBENZENE            0.834 1.153 1.346 1.517 1.274       1.225  20.83
56)m m,p-XYLENE              0.394 0.480 0.521 0.538 0.400       0.467  14.40
57)m o-XYLENE                0.395 0.492 0.475 0.587 0.543       0.498  14.61
58)m STYRENE                 0.396 0.475 0.596 0.763 0.727       0.591  26.65
59)m NONANE                  0.516 0.752 0.754 0.915 0.773       0.742  19.34
60)m BROMOFORM         0.712 0.601 0.725 0.693 0.834 0.711       0.713  10.43
61)S 4-BROMOFLUOROBENZ 0.874 0.933 0.886 0.887 1.087 0.779       0.908  11.17
62)m 1,1,2,2-TETRACHLO 0.822 0.991 0.989 0.939 1.147 0.996       0.981  10.70
63)m ISOPROPYLBENZENE  1.014 1.216 1.582 1.394 1.892 1.447       1.424  21.23
64)m 2-CHLOROTOLUENE   0.631 0.780 0.934 1.166 1.495 1.216       1.037  30.49
  ----- Linear regression  (equal Weighting)-----  Coefficient =  0.9956
              Response Ratio = 0.01947 + 1.22393 *A

65)m 4-ETHYLTOLUENE    0.532 0.693 1.132 1.329 1.707 1.294       1.115  39.06
  ----- Linear regression  (equal Weighting)-----  Coefficient =  0.9924
              Response Ratio = 0.05277 + 1.30037 *A

66)m 1,3,5-TRIMETHYLBE       0.833 1.247 1.350 1.695 1.269       1.279  24.04
67)m 1,2,4-TRIMETHYLBE 0.446 0.615 0.853 1.152 1.999 1.597       1.111  53.75
  ----- Linear regression  (equal Weighting)-----  Coefficient =  0.9927
              Response Ratio = -0.03131 + 1.62259 *A

68)m m-DICHLOROBENZENE 0.343 0.573 0.589 0.600 1.073 0.788       0.661  37.28
         ----- Quadratic regression -----  Coefficient =  0.9940
              Response Ratio = -0.07223 + 1.12131 *A + -0.07847 *A^2

69)m BENZYL CHLORIDE   0.272 0.384 0.477 0.672 1.223 1.134       0.694  57.49
         ----- Quadratic regression -----  Coefficient =  0.9965
              Response Ratio = -0.09255 + 1.21931 *A + -0.01531 *A^2

70)m p-DICHLOROBENZENE 0.256 0.417 0.495 0.516 0.928 0.728       0.557  42.73
         ----- Quadratic regression -----  Coefficient =  0.9949
              Response Ratio = -0.06387 + 0.95818 *A + -0.05337 *A^2

71)m o-DICHLOROBENZENE 0.300 0.425 0.389 0.706 0.801 0.825       0.574  39.99
         ----- Quadratic regression -----  Coefficient =  0.9995
              Response Ratio = -0.03756 + 0.81322 *A + 0.00538 *A^2

72)m HEXACHLOROBUTADIE 0.359 0.424 0.202 0.254 0.394 0.415       0.341  26.97
73)m 1,2,4-TRICHLOROBE 0.015 0.050 0.080 0.109 0.122 0.096       0.079  50.81
         ----- Quadratic regression -----  Coefficient =  0.9994
              Response Ratio = -0.00597 + 0.13360 *A + -0.00907 *A^2

74)m NAPHTHALENE                                                0.000  -1.00
```

Initial Calibration Summary

Job Number: M65803 **Sample:** MSQ201-ICC201
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3718.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
75)  2-METHYLNAPHTHALE                                          0.000  -1.00
76)  1-METHYLNAPHTHALE                                          0.000  -1.00
---------------------------------------------------------------------------
(#) = Out of Range

          Q061407T.m        Thu Jun 14 17:36:27 2007   RPT1
```

Initial Calibration Verification

Job Number: M65803 **Sample:** MSQ201-ICV201
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3721.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Q3721.D Vial: 4
Acq On : 14 Jun 2007 5:04 pm Operator: PhilipB
Sample : ICV201-10 (M057) Inst : MAMSQ
Misc : MS13754, MSQ201,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\msdchem\1\METHODS\Q061407T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 14 17:32:33 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 40% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 180%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	RT Window
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	91	0.00	8.23- 8.64
2	m	DICHLORODIFLUOROMETHAN	9.077	10.785	-18.8	144	0.00	3.40- 3.82
3	m	PROPYLENE	1.200	1.547	-28.9	164	0.00	3.34- 3.75
4	m	FREON 114	7.489	6.780	9.5	106	0.00	3.67- 4.08
5	m	CHLOROMETHANE	1.351	1.489	-10.2	131	0.00	3.58- 3.99
6	m	VINYL CHLORIDE	1.756	1.809	-3.0	119	0.00	3.79- 4.21
7	m	1,3-BUTADIENE	1.534	1.517	1.1	114	0.00	3.94- 4.35
8	m	BROMOMETHANE	1.916	1.420	25.9	94	0.00	4.21- 4.62
9	m	CHLOROETHANE	0.684	0.578	15.5	88	0.00	4.39- 4.80
10	m	TRICHLOROFLUOROMETHANE	8.951	7.707	13.9	79	0.00	5.20- 5.61
11	m	ISOPROPYL ALCOHOL	2.384	1.984	16.8	82	0.00	5.24- 5.71
12	m	ACETONE	3.205	2.510	21.7	81	0.00	5.00- 5.41
13	m	PENTANE	1.351	1.098	18.7	74	0.00	5.63- 5.94
14	m	1,1-DICHLOROETHYLENE	1.825	1.410	22.7	86	0.00	5.88- 6.29
15	m	CARBON DISULFIDE	4.836	4.908	-1.5	95	0.00	6.33- 6.74
16	m	ETHANOL	0.453	0.355	21.6	96	0.00	4.47- 4.94
17	m	BROMOETHENE	1.499	1.212	19.1	82	0.00	4.76- 5.17
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	10.484	-4.8	92	0.00	6.06- 6.36
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	2.455	2.447	0.3	94	0.00	6.13- 6.54
20	m	FREON 113	3.157	3.195	-1.2	96	0.00	6.28- 6.69
21	m	TRANS-1,2-DICHLOROETHY	1.795	1.718	4.3	99	0.00	6.99- 7.40
22	m	TERTIARY BUTYL ALCOHOL	3.628	3.747	-3.3	99	0.00	5.85- 6.37
23	m	METHYL TERTIARY BUTYL	5.328	5.249	1.5	103	0.00	7.25- 7.66
24	m	TETRAHYDROFURAN	1.137	1.270	-11.7	108	0.00	8.82- 9.11
25	m	HEXANE	1.730	1.747	-1.0	99	0.00	8.26- 8.67
26	m	VINYL ACETATE	3.378	3.741	-10.7	100	0.00	7.37- 7.72
27	m	1,1-DICHLOROETHANE	4.046	3.966	2.0	100	0.00	7.20- 7.61
28	m	METHYL ETHYL KETONE	2.253	2.657	-17.9	100	0.00	7.56- 8.05
29	m	cis-1,2-DICHLOROETHYLE	1.099	1.287	-17.1	99	0.00	8.06- 8.47
30	m	ETHYL ACETATE	4.255	4.594	-8.0	100	0.00	8.26- 8.69
31	m	CHLOROFORM	4.957	4.629	6.6	94	0.00	8.36- 8.77
32	m	1,1,1-TRICHLOROETHANE	5.581	4.770	14.5	93	0.00	9.36- 9.77
33	m	CARBON TETRACHLORIDE	5.813	5.425	6.7	91	0.00	9.96-10.37
34	m	1,2-DICHLOROETHANE	3.391	3.121	8.0	94	0.00	9.10- 9.51
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	93	0.00	10.14-10.56
36	m	BENZENE	0.661	0.840	-27.1	101	0.00	9.81-10.22
37	m	CYCLOHEXANE	0.217	0.264	-21.7	100	0.00	10.08-10.50

Initial Calibration Verification

Job Number: M65803 **Sample:** MSQ201-ICV201
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3721.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

38	m	TRICHLOROETHYLENE	0.379	0.431	-13.7	90	0.00	10.90-11.21
39	m	1,2-DICHLOROPROPANE	0.286	0.311	-8.7	93	0.00	10.62-11.03
40	m	BROMODICHLOROMETHANE	0.908	0.952	-4.8	97	0.00	10.87-11.18
41	m	2,2,4-TRIMETHYLPENTANE	1.100	1.193	-8.5	92	0.00	10.87-11.29
42	m	1,4-DIOXANE	0.140	0.154	-10.0	97	-0.01	10.78-11.30
43	m	HEPTANE	0.357	0.436	-22.1	104	0.00	11.17-11.48
44	m	METHYL ISOBUTYL KETONE	0.543	0.702	-29.3	98	0.00	11.71-12.14
45	m	cis-1,3-DICHLOROPROPEN	0.424	0.542	-27.8	98	0.00	11.70-12.11
46	m	TOLUENE	0.462	0.565	-22.3	98	-0.01	12.67-13.09
		----------	True	Calc.	% Drift		----------	
47	m	trans-1,3-DICHLOROPROP	10.000	10.260	-2.6	103	0.00	12.26-12.57
		----------	AvgRF	CCRF	% Dev		----------	
48	m	1,1,2-TRICHLOROETHANE	0.315	0.369	-17.1	100	-0.01	12.41-12.78
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	98	0.00	14.54-14.85
50	m	2-HEXANONE	0.558	0.691	-23.8	96	-0.01	12.91-13.31
51	m	TETRACHLOROETHYLENE	0.319	0.348	-9.1	96	0.00	13.83-14.24
52	m	DIBROMOCHLOROMETHANE	0.782	0.886	-13.3	94	0.00	13.14-13.50
53	m	1,2-DIBROMOETHANE	0.630	0.685	-8.7	95	-0.01	13.42-13.73
54	m	CHLOROBENZENE	0.765	0.767	-0.3	95	-0.01	14.58-14.89
55	m	ETHYLBENZENE	1.225	1.509	-23.2	98	0.00	14.95-15.31
56	m	m,p-XYLENE	0.467	0.559	-19.7	102	0.00	15.15-15.51
57	m	o-XYLENE	0.498	0.567	-13.9	95	0.00	15.65-16.01
58	m	STYRENE	0.591	0.728	-23.2	94	0.00	15.55-15.86
59	m	NONANE	0.742	0.901	-21.4	97	0.00	15.88-16.19
60	m	BROMOFORM	0.713	0.803	-12.6	95	0.00	15.27-15.58
61	S	4-BROMOFLUOROBENZENE	0.908	1.047	-15.3	94	-0.01	16.18-16.49
62	m	1,1,2,2-TETRACHLOROETH	0.981	1.093	-11.4	94	0.00	15.67-15.98
63	m	ISOPROPYLBENZENE	1.424	1.799	-26.3	93	0.00	16.32-16.63
		----------	True	Calc.	% Drift		----------	
64	m	2-CHLOROTOLUENE	10.000	11.953	-19.5	97	0.00	16.82-17.24
65	m	4-ETHYLTOLUENE	10.000	11.984	-19.8	93	-0.01	17.08-17.35
		----------	AvgRF	CCRF	% Dev		----------	
66	m	1,3,5-TRIMETHYLBENZENE	1.279	1.641	-28.3	95	0.00	17.18-17.44
		----------	True	Calc.	% Drift		----------	
67	m	1,2,4-TRIMETHYLBENZENE	10.000	11.074	-10.7	87	-0.01	17.61-17.92
68	m	m-DICHLOROBENZENE	10.000	9.894	1.1	88	0.00	17.79-18.12
69	m	BENZYL CHLORIDE	10.000	10.608	-6.1	95	0.00	17.78-18.09
70	m	p-DICHLOROBENZENE	10.000	8.579	14.2	76	0.00	17.91-18.15
71	m	o-DICHLOROBENZENE	10.000	10.802	-8.0	104	0.00	18.27-18.58
		----------	AvgRF	CCRF	% Dev		----------	
72	m	HEXACHLOROBUTADIENE	0.341	0.398	-16.7	99	0.00	20.61-21.02
		----------	True	Calc.	% Drift		----------	
73	m	1,2,4-TRICHLOROBENZENE	10.000	9.176	8.2	88	0.00	20.11-20.53
		----------	AvgRF	CCRF	% Dev		----------	
74	m	NAPHTHALENE		----------NA----------				
75		2-METHYLNAPHTHALENE		----------NA----------				
76		1-METHYLNAPHTHALENE		----------NA----------				

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Initial Calibration Verification

Job Number: M65803 **Sample:** MSQ201-ICV201
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3721.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Q3718.D Q061407T.m Thu Jun 14 17:35:25 2007 RPT1

Initial Calibration Summary

Job Number: M65803 **Sample:** MSQ205-ICC205
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3819.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Response Factor Report MAMSQ

Method : C:\msdchem\1\METHODS\Q062707T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Wed Jun 27 17:20:02 2007
Response via : Initial Calibration

Calibration Files
.2 =Q3823.D .5 =Q3822.D 2 =Q3821.D
5 =Q3820.D 10 =Q3819.D 20 =Q3818.D 40 =Q3817.D

Compound	.2	.5	2	5	10	20	40	Avg	%RSD
1) I BROMOCHLOROMETHANE	----------ISTD----------								
2)m DICHLORODIFLUOROM	6.294	4.582	6.651	4.330	3.971	4.329	4.189	4.907	22.22
3)m PROPYLENE	2.182	1.639	2.305	1.511	1.465	0.915	1.476	1.642	28.74
4)m FREON 114	5.563	4.175	5.164	3.890	3.672	3.309	4.130	4.272	18.93
5)m CHLOROMETHANE	2.705	2.038	2.744	2.085	1.896	1.282	1.991	2.106	23.80
6)m VINYL CHLORIDE	2.341	1.675	2.315	1.729	1.613	1.229	1.710	1.802	22.06
7)m 1,3-BUTADIENE	2.131	1.585	1.872	1.430	1.382	1.185	1.429	1.573	20.58
8)m BROMOMETHANE	1.629	1.398	1.779	1.310	1.236	1.032	1.335	1.388	17.88
9)m CHLOROETHANE	0.736	0.699	0.826	0.684	0.677	0.563	0.708	0.699	11.20
10)m TRICHLOROFLUOROME	5.255	3.723	4.552	3.457	3.527	3.436	4.023	3.996	17.07
11)m ISOPROPYL ALCOHOL		3.604	3.645	2.764	2.816	2.697	2.661	3.031	15.27
12)m ACETONE		3.483	3.002	2.263	2.250	2.179	2.204	2.564	21.39
13)m PENTANE	2.867	2.096	2.298	1.767	1.765	1.850	1.783	2.061	19.84
14)m 1,1-DICHLOROETHYL	1.477	1.176	1.439	1.119	1.149	1.113	1.256	1.247	12.20
15)m CARBON DISULFIDE	4.492	3.392	4.366	3.268	3.248	3.275	3.521	3.652	14.80
16)m ETHANOL		0.772	0.745	0.546	0.537	0.411	0.514	0.587	24.04
17)m BROMOETHENE	1.422	1.206	1.552	1.157	1.156	1.111	1.250	1.265	12.84
18)m METHYLENE CHLORID	8.480	3.274	1.673	1.103	1.078	1.023	1.137	2.539	107.94
----- Linear regression (equal Weighting)----- Coefficient = 0.9950									
Response Ratio = 0.05696 + 1.09314 *A									
19)m 3-CHLOROPROPENE	1.748	1.285	1.306	1.112	1.179	1.274	1.357	1.323	15.47
20)m FREON 113	2.390	1.759	1.970	1.637	1.693	1.518	1.912	1.840	15.66
21)m TRANS-1,2-DICHLOR	1.130	1.049	1.270	1.047	1.076	1.006	1.165	1.106	8.15
22)m TERTIARY BUTYL AL	3.825	2.914	3.793	2.975	3.152	2.890	3.225	3.253	12.26
23)m METHYL TERTIARY B	3.007	2.365	3.061	2.497	2.552	2.312	2.709	2.643	11.22
24)m TETRAHYDROFURAN	1.622	1.303	1.773	1.500	1.506	1.437	1.611	1.536	9.78
25)m HEXANE		3.017	2.898	2.355	2.369	2.331	2.607	2.596	11.53
26)m VINYL ACETATE	3.503	2.562	3.187	2.747	2.696	2.703	2.898	2.899	11.47
27)m 1,1-DICHLOROETHAN	3.171	2.571	2.812	2.407	2.503	2.582	2.966	2.716	10.18
28)m METHYL ETHYL KETO	3.787	2.679	3.362	2.830	2.808	2.626	2.942	3.005	14.00
29)m cis-1,2-DICHLOROE	1.083	1.003	1.176	1.013	1.041	1.084	1.223	1.089	7.60
30)m ETHYL ACETATE	7.404	4.638	5.746	4.685	4.875	4.603	5.159	5.302	19.06
31)m CHLOROFORM	4.332	3.085	2.928	2.444	2.450	2.518	2.842	2.943	22.51
32)m 1,1,1-TRICHLOROET	2.743	2.226	2.434	2.149	2.180	2.304	2.715	2.393	10.36
33)m CARBON TETRACHLOR	3.043	2.320	2.847	2.414	2.457	2.532	3.055	2.667	11.57
34)m 1,2-DICHLOROETHAN	1.765	1.435	1.837	1.562	1.534	1.605	1.996	1.676	11.75
35) I 1,4-DIFLUOROBENZENE	----------ISTD----------								
36)m BENZENE	0.744	0.603	0.693	0.580	0.565	0.602	0.695	0.640	10.79
37)m CYCLOHEXANE	0.343	0.295	0.348	0.272	0.276	0.269	0.279	0.298	11.39
38)m TRICHLOROETHYLENE	0.336	0.290	0.359	0.278	0.302	0.297	0.352	0.316	10.12
39)m 1,2-DICHLOROPROPA	0.330	0.300	0.328	0.279	0.274	0.279	0.318	0.301	8.05
40)m BROMODICHLOROMETH	0.566	0.459	0.546	0.452	0.468	0.506	0.576	0.511	10.31
41)m 2,2,4-TRIMETHYLPE	1.803	1.507	1.762	1.431	1.519	1.545	1.705	1.610	8.93
42)m 1,4-DIOXANE	0.082	0.096	0.133	0.107	0.114	0.110	0.118	0.108	15.10

Initial Calibration Summary

Job Number: M65803 **Sample:** MSQ205-ICC205
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3819.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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43)m HEPTANE           0.679 0.567 0.673 0.562 0.598 0.608 0.644 0.619   7.68
44)m METHYL ISOBUTYL K 0.668 0.594 0.829 0.658 0.721 0.690 0.731 0.699  10.47
45)m cis-1,3-DICHLOROP 0.229 0.210 0.339 0.274 0.283 0.297 0.344 0.282  18.00
46)m TOLUENE           0.497 0.351 0.449 0.360 0.363 0.366 0.427 0.402  14.03
47)m trans-1,3-DICHLOR       0.104 0.240 0.209 0.220 0.221 0.265 0.210  26.49
48)m 1,1,2-TRICHLOROET 0.254 0.208 0.272 0.218 0.216 0.218 0.245 0.233  10.35

49) I   CHLOROBENZENE-D5      ----------------ISTD--------------------
50)m 2-HEXANONE        0.470 0.392 0.711 0.576 0.628 0.615 0.676 0.581  19.56
51)m TETRACHLOROETHYLE 0.274 0.242 0.278 0.231 0.246 0.245 0.315 0.262  11.20
52)m DIBROMOCHLOROMETH 0.459 0.357 0.496 0.427 0.442 0.469 0.614 0.466  16.82
53)m 1,2-DIBROMOETHANE 0.318 0.271 0.447 0.367 0.367 0.363 0.436 0.367  16.82
54)m CHLOROBENZENE     0.464 0.377 0.655 0.516 0.515 0.508 0.612 0.521  17.58
55)m ETHYLBENZENE      0.870 0.690 1.109 0.910 0.940 0.905 1.065 0.927  14.76
56)m m,p-XYLENE        0.331 0.242 0.421 0.342 0.355 0.335 0.410 0.348  16.93
57)m o-XYLENE          0.330 0.283 0.415 0.345 0.367 0.348 0.421 0.358  13.51
58)m STYRENE           0.147 0.128 0.445 0.400 0.419 0.403 0.491 0.348  42.26
  ----- Linear regression  (equal Weighting)-----  Coefficient =  0.9924
              Response Ratio = -0.03909 + 0.48379 *A

59)m NONANE            0.920 0.768 1.069 0.885 0.938 0.939 1.013 0.933  10.20
60)m BROMOFORM         0.243 0.210 0.315 0.285 0.322 0.317 0.461 0.308  25.90
61)S 4-BROMOFLUOROBENZ 0.698 0.719 0.755 0.766 0.814 0.808 0.860 0.774   7.34
62)m 1,1,2,2-TETRACHLO 0.845 0.697 0.809 0.627 0.679 0.641 0.746 0.721  11.52
63)m ISOPROPYLBENZENE  1.080 0.863 1.164 0.943 0.993 0.905 1.170 1.017  12.14
64)m 2-CHLOROTOLUENE   0.588 0.533 0.858 0.689 0.746 0.680 0.883 0.711  18.22
65)m 4-ETHYLTOLUENE    0.562 0.482 0.933 0.798 0.863 0.795 1.045 0.782  25.42
66)m 1,3,5-TRIMETHYLBE 0.761 0.641 0.919 0.766 0.810 0.756 0.993 0.806  14.42
67)m 1,2,4-TRIMETHYLBE 0.515 0.461 0.814 0.704 0.743 0.693 0.921 0.693  23.16
68)m m-DICHLOROBENZENE 0.105 0.108 0.354 0.294 0.319 0.287 0.403 0.267  43.59
         ----- Quadratic regression -----  Coefficient =  0.9971
              Response Ratio = 0.01646 + 0.20532 *A + 0.04790 *A^2

69)m BENZYL CHLORIDE   0.029 0.064 0.288 0.275 0.317 0.315 0.417 0.244  58.53
         ----- Quadratic regression -----  Coefficient =  0.9991
              Response Ratio = 0.00330 + 0.23776 *A + 0.04440 *A^2

70)m p-DICHLOROBENZENE 0.062 0.071 0.302 0.257 0.270 0.248 0.328 0.220  49.18
         ----- Quadratic regression -----  Coefficient =  0.9978
              Response Ratio = 0.01064 + 0.19340 *A + 0.03258 *A^2

71)m o-DICHLOROBENZENE 0.169 0.173 0.385 0.316 0.333 0.307 0.414 0.300  31.93
         ----- Quadratic regression -----  Coefficient =  0.9978
              Response Ratio = 0.01685 + 0.22925 *A + 0.04470 *A^2

72)m HEXACHLOROBUTADIE 0.587 0.411 0.139 0.108 0.110 0.127 0.129 0.230  83.02
         ----- Quadratic regression -----  Coefficient =  0.9983
              Response Ratio = 0.00720 + 0.10742 *A + 0.00510 *A^2

73)m 1,2,4-TRICHLOROBE 0.012 0.018 0.053 0.045 0.049 0.050 0.058 0.041  44.04
         ----- Quadratic regression -----  Coefficient =  0.9997
              Response Ratio = 0.00013 + 0.04304 *A + 0.00365 *A^2

74)m NAPHTHALENE                                                0.000  -1.00
75)  2-METHYLNAPHTHALE                                          0.000  -1.00
76)  1-METHYLNAPHTHALE                                          0.000  -1.00
-------------------------------------------------------------------------------
(#) = Out of Range

          Q062707T.m        Wed Jun 27 17:20:29 2007   RPT1
```

Initial Calibration Verification

Job Number: M65803 **Sample:** MSQ205-ICV205
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3824.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Q3824.D Vial: 2
Acq On : 27 Jun 2007 5:27 pm Operator: PhilipB
Sample : ICV205-10 (M080) Inst : MAMSQ
Misc : MS13820, MSQ205,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\msdchem\1\METHODS\Q062707T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Wed Jun 27 17:20:02 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 40% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 180%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	RT Window
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	72	-0.07	8.35- 8.77
2	m	DICHLORODIFLUOROMETHAN	4.907	4.681	4.6	85	-0.01	3.81- 4.23
3	m	PROPYLENE	1.642	1.538	6.3	76	-0.01	3.75- 4.16
4	m	FREON 114	4.272	3.969	7.1	78	-0.02	4.07- 4.48
5	m	CHLOROMETHANE	2.106	2.114	-0.4	81	-0.02	3.97- 4.38
6	m	VINYL CHLORIDE	1.802	1.708	5.2	77	-0.03	4.19- 4.60
7	m	1,3-BUTADIENE	1.573	1.435	8.8	75	-0.03	4.32- 4.73
8	m	BROMOMETHANE	1.388	1.355	2.4	79	-0.04	4.59- 5.00
9	m	CHLOROETHANE	0.699	0.694	0.7	74	-0.05	4.75- 5.16
10	m	TRICHLOROFLUOROMETHANE	3.996	3.807	4.7	78	-0.06	5.52- 5.93
11	m	ISOPROPYL ALCOHOL	3.031	2.668	12.0	69	-0.07	5.52- 5.99
12	m	ACETONE	2.564	2.341	8.7	75	-0.05	5.33- 5.74
13	m	PENTANE	2.061	1.820	11.7	75	-0.07	5.92- 6.23
14	m	1,1-DICHLOROETHYLENE	1.247	1.122	10.0	71	-0.07	6.15- 6.56
15	m	CARBON DISULFIDE	3.652	3.332	8.8	74	-0.07	6.58- 7.00
16	m	ETHANOL	0.587	0.503	14.3	68	-0.06	4.81- 5.27
17	m	BROMOETHENE	1.265	1.193	5.7	75	-0.05	5.11- 5.52
		----------	True	Calc.	% Drift		----------	
18	m	METHYLENE CHLORIDE	10.000	11.502	-15.0	88	-0.07	6.31- 6.61
		----------	AvgRF	CCRF	% Dev		----------	
19	m	3-CHLOROPROPENE	1.323	1.190	10.1	73	-0.08	6.38- 6.79
20	m	FREON 113	1.840	1.581	14.1	68	-0.08	6.52- 6.93
21	m	TRANS-1,2-DICHLOROETHY	1.106	1.044	5.6	70	-0.08	7.19- 7.60
22	m	TERTIARY BUTYL ALCOHOL	3.253	2.907	10.6	67	-0.07	6.10- 6.61
23	m	METHYL TERTIARY BUTYL	2.643	2.393	9.5	68	-0.07	7.43- 7.84
24	m	TETRAHYDROFURAN	1.536	1.455	5.3	70	-0.06	8.93- 9.22
25	m	HEXANE	2.596	2.435	6.2	74	-0.07	8.39- 8.81
26	m	VINYL ACETATE	2.899	2.797	3.5	75	-0.08	7.53- 7.88
27	m	1,1-DICHLOROETHANE	2.716	2.524	7.1	73	-0.07	7.39- 7.80
28	m	METHYL ETHYL KETONE	3.005	2.772	7.8	71	-0.08	7.72- 8.20
29	m	cis-1,2-DICHLOROETHYLE	1.089	1.060	2.7	74	-0.08	8.19- 8.60
30	m	ETHYL ACETATE	5.302	4.829	8.9	72	-0.07	8.38- 8.80
31	m	CHLOROFORM	2.943	2.671	9.2	79	-0.07	8.48- 8.89
32	m	1,1,1-TRICHLOROETHANE	2.393	2.304	3.7	76	-0.07	9.44- 9.85
33	m	CARBON TETRACHLORIDE	2.667	2.655	0.4	78	-0.06	10.03-10.44
34	m	1,2-DICHLOROETHANE	1.676	1.605	4.2	76	-0.07	9.19- 9.61
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	69	-0.06	10.20-10.61
36	m	BENZENE	0.640	0.634	0.9	77	-0.06	9.89-10.30
37	m	CYCLOHEXANE	0.298	0.299	-0.3	74	-0.06	10.15-10.56

Initial Calibration Verification

Job Number: M65803 **Sample:** MSQ205-ICV205
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3824.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

38	m	TRICHLOROETHYLENE	0.316	0.320	-1.3	73	-0.06	10.94-11.25
39	m	1,2-DICHLOROPROPANE	0.301	0.296	1.7	74	-0.05	10.67-11.08
40	m	BROMODICHLOROMETHANE	0.511	0.519	-1.6	76	-0.06	10.90-11.21
41	m	2,2,4-TRIMETHYLPENTANE	1.610	1.592	1.1	72	-0.05	10.92-11.33
42	m	1,4-DIOXANE	0.108	0.117	-8.3	71	-0.05	10.82-11.35
43	m	HEPTANE	0.619	0.622	-0.5	71	-0.05	11.20-11.51
44	m	METHYL ISOBUTYL KETONE	0.699	0.726	-3.9	69	-0.05	11.72-12.15
45	m	cis-1,3-DICHLOROPROPEN	0.282	0.306	-8.5	74	-0.04	11.71-12.13
46	m	TOLUENE	0.402	0.390	3.0	74	-0.04	12.69-13.10
47	m	trans-1,3-DICHLOROPROP	0.210	0.223	-6.2	69	-0.04	12.27-12.58
48	m	1,1,2-TRICHLOROETHANE	0.233	0.237	-1.7	75	-0.04	12.43-12.79
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	68	-0.02	14.53-14.84
50	m	2-HEXANONE	0.581	0.621	-6.9	67	-0.04	12.92-13.32
51	m	TETRACHLOROETHYLENE	0.262	0.253	3.4	70	-0.03	13.83-14.24
52	m	DIBROMOCHLOROMETHANE	0.466	0.475	-1.9	73	-0.04	13.14-13.50
53	m	1,2-DIBROMOETHANE	0.367	0.402	-9.5	74	-0.04	13.42-13.73
54	m	CHLOROBENZENE	0.521	0.549	-5.4	72	-0.02	14.58-14.89
55	m	ETHYLBENZENE	0.927	0.990	-6.8	72	-0.02	14.93-15.29
56	m	m,p-XYLENE	0.348	0.365	-4.9	70	-0.02	15.13-15.49
57	m	o-XYLENE	0.358	0.373	-4.2	69	-0.02	15.63-15.99
		----------	True	Calc.	% Drift		----------	
58	m	STYRENE	10.000	9.618	3.8	69	-0.02	15.54-15.85
		----------	AvgRF	CCRF	% Dev		----------	
59	m	NONANE	0.933	0.983	-5.4	71	-0.02	15.86-16.17
60	m	BROMOFORM	0.308	0.305	1.0	64	-0.02	15.25-15.56
61	S	4-BROMOFLUOROBENZENE	0.774	0.793	-2.5	66	-0.01	16.16-16.47
62	m	1,1,2,2-TETRACHLOROETH	0.721	0.713	1.1	71	-0.02	15.64-15.95
63	m	ISOPROPYLBENZENE	1.017	1.027	-1.0	70	-0.01	16.31-16.62
64	m	2-CHLOROTOLUENE	0.711	0.774	-8.9	71	-0.01	16.81-17.22
65	m	4-ETHYLTOLUENE	0.782	0.879	-12.4	69	-0.01	17.07-17.34
66	m	1,3,5-TRIMETHYLBENZENE	0.806	0.825	-2.4	69	-0.01	17.16-17.41
67	m	1,2,4-TRIMETHYLBENZENE	0.693	0.769	-11.0	70	0.00	17.60-17.91
		----------	True	Calc.	% Drift		----------	
68	m	m-DICHLOROBENZENE	10.000	11.507	-15.1	67	-0.01	17.77-18.10
69	m	BENZYL CHLORIDE	10.000	10.205	-2.1	63	-0.01	17.76-18.07
70	m	p-DICHLOROBENZENE	10.000	11.248	-12.5	68	-0.01	17.89-18.13
71	m	o-DICHLOROBENZENE	10.000	11.488	-14.9	69	0.00	18.25-18.56
72	m	HEXACHLOROBUTADIENE	10.000	9.461	5.4	70	0.00	20.59-21.00
73	m	1,2,4-TRICHLOROBENZENE	10.000	10.161	-1.6	66	0.00	20.10-20.52
		----------	AvgRF	CCRF	% Dev		----------	
74	m	NAPHTHALENE		----------NA----------				
75		2-METHYLNAPHTHALENE		----------NA----------				
76		1-METHYLNAPHTHALENE		----------NA----------				

(#) = Out of Range SPCC's out = 0 CCC's out = 0
Q3819.D Q062707T.m Thu Jun 28 09:07:06 2007 RPT1

Continuing Calibration Summary

Job Number: M65803 **Sample:** MSQ206-CC205
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3837.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Q3837.D Vial: 2
Acq On : 28 Jun 2007 12:44 pm Operator: PhilipB
Sample : CC205-10 (M080) Inst : MAMSQ
Misc : MS13820, MSQ206,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\msdchem\1\METHODS\Q062707T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 28 13:49:55 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 40% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 180%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	RT Window
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	78	0.00	8.43- 8.84
2	m	DICHLORODIFLUOROMETHAN	4.907	4.798	2.2	94	0.00	3.83- 4.24
3	m	PROPYLENE	1.642	1.649	-0.4	88	0.00	3.76- 4.17
4	m	FREON 114	4.272	4.600	-7.7	98	0.00	4.09- 4.50
5	m	CHLOROMETHANE	2.106	2.174	-3.2	90	0.00	3.99- 4.40
6	m	VINYL CHLORIDE	1.802	1.875	-4.1	91	0.00	4.22- 4.63
7	m	1,3-BUTADIENE	1.573	1.635	-3.9	92	0.00	4.35- 4.77
8	m	BROMOMETHANE	1.388	1.503	-8.3	95	0.00	4.63- 5.04
9	m	CHLOROETHANE	0.699	0.759	-8.6	88	0.00	4.80- 5.22
10	m	TRICHLOROFLUOROMETHANE	3.996	4.179	-4.6	93	0.00	5.58- 6.00
11	m	ISOPROPYL ALCOHOL	3.031	2.758	9.0	77	0.00	5.59- 6.06
12	m	ACETONE	2.564	2.600	-1.4	90	0.00	5.39- 5.80
13	m	PENTANE	2.061	1.957	5.0	87	0.00	5.99- 6.30
14	m	1,1-DICHLOROETHYLENE	1.247	1.239	0.6	84	0.00	6.22- 6.64
15	m	CARBON DISULFIDE	3.652	3.466	5.1	83	0.00	6.65- 7.06
16	m	ETHANOL	0.587	0.553	5.8	80	0.00	4.87- 5.33
17	m	BROMOETHENE	1.265	1.265	0.0	85	0.00	5.16- 5.57
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	16.261	-62.6#	133	0.00	6.39- 6.69
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	1.323	1.401	-5.9	93	0.00	6.45- 6.86
20	m	FREON 113	1.840	1.693	8.0	78	0.00	6.59- 7.00
21	m	TRANS-1,2-DICHLOROETHY	1.106	1.018	8.0	74	0.00	7.26- 7.68
22	m	TERTIARY BUTYL ALCOHOL	3.253	3.058	6.0	76	0.00	6.17- 6.69
23	m	METHYL TERTIARY BUTYL	2.643	2.390	9.6	73	0.00	7.51- 7.92
24	m	TETRAHYDROFURAN	1.536	1.474	4.0	76	0.00	9.00- 9.29
25	m	HEXANE	2.596	2.602	-0.2	86	0.00	8.46- 8.87
26	m	VINYL ACETATE	2.899	3.049	-5.2	88	0.00	7.61- 7.96
27	m	1,1-DICHLOROETHANE	2.716	2.763	-1.7	86	0.00	7.46- 7.87
28	m	METHYL ETHYL KETONE	3.005	2.921	2.8	81	0.00	7.79- 8.28
29	m	cis-1,2-DICHLOROETHYLE	1.089	1.033	5.1	78	0.00	8.26- 8.68
30	m	ETHYL ACETATE	5.302	5.191	2.1	83	0.00	8.46- 8.88
31	m	CHLOROFORM	2.943	2.811	4.5	90	0.00	8.55- 8.96
32	m	1,1,1-TRICHLOROETHANE	2.393	2.403	-0.4	86	0.00	9.50- 9.92
33	m	CARBON TETRACHLORIDE	2.667	2.577	3.4	82	0.00	10.09-10.50
34	m	1,2-DICHLOROETHANE	1.676	1.767	-5.4	90	0.00	9.26- 9.67
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	82	0.00	10.26-10.67
36	m	BENZENE	0.640	0.558	12.8	80	0.00	9.94-10.35
37	m	CYCLOHEXANE	0.298	0.248	16.8	73	0.00	10.21-10.62

Continuing Calibration Summary

Job Number: M65803 **Sample:** MSQ206-CC205
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3837.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

38	m	TRICHLOROETHYLENE	0.316	0.284	10.1	77	0.00	10.99-11.30
39	m	1,2-DICHLOROPROPANE	0.301	0.269	10.6	80	0.00	10.72-11.13
40	m	BROMODICHLOROMETHANE	0.511	0.485	5.1	84	0.00	10.95-11.26
41	m	2,2,4-TRIMETHYLPENTANE	1.610	1.472	8.6	79	0.00	10.96-11.38
42	m	1,4-DIOXANE	0.108	0.100	7.4	72	0.00	10.88-11.40
43	m	HEPTANE	0.619	0.583	5.8	79	0.00	11.25-11.56
44	m	METHYL ISOBUTYL KETONE	0.699	0.695	0.6	79	0.00	11.76-12.20
45	m	cis-1,3-DICHLOROPROPEN	0.282	0.266	5.7	77	0.00	11.76-12.17
46	m	TOLUENE	0.402	0.324	19.4	73	0.00	12.72-13.13
47	m	trans-1,3-DICHLOROPROP	0.210	0.200	4.8	74	0.00	12.31-12.62
48	m	1,1,2-TRICHLOROETHANE	0.233	0.207	11.2	78	0.00	12.47-12.83
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	81	0.00	14.55-14.86
50	m	2-HEXANONE	0.581	0.585	-0.7	76	0.00	12.95-13.35
51	m	TETRACHLOROETHYLENE	0.262	0.207	21.0	68	0.00	13.85-14.26
52	m	DIBROMOCHLOROMETHANE	0.466	0.412	11.6	76	0.00	13.17-13.53
53	m	1,2-DIBROMOETHANE	0.367	0.328	10.6	73	0.00	13.45-13.76
54	m	CHLOROBENZENE	0.521	0.447	14.2	71	0.00	14.60-14.91
55	m	ETHYLBENZENE	0.927	0.839	9.5	73	0.00	14.95-15.31
56	m	m,p-XYLENE	0.348	0.314	9.8	72	0.00	15.15-15.51
57	m	o-XYLENE	0.358	0.325	9.2	72	0.00	15.65-16.01
		----------	True	Calc.	% Drift			----------
58	m	STYRENE	10.000	7.800	22.0	66	0.00	15.55-15.86
		----------	AvgRF	CCRF	% Dev			----------
59	m	NONANE	0.933	0.901	3.4	78	0.00	15.87-16.18
60	m	BROMOFORM	0.308	0.271	12.0	68	0.00	15.27-15.58
61	S	4-BROMOFLUOROBENZENE	0.774	0.864	-11.6	86	0.00	16.17-16.48
62	m	1,1,2,2-TETRACHLOROETH	0.721	0.617	14.4	74	0.00	15.66-15.97
63	m	ISOPROPYLBENZENE	1.017	0.887	12.8	73	0.00	16.31-16.62
64	m	2-CHLOROTOLUENE	0.711	0.658	7.5	72	0.00	16.81-17.23
65	m	4-ETHYLTOLUENE	0.782	0.748	4.3	71	0.00	17.08-17.34
66	m	1,3,5-TRIMETHYLBENZENE	0.806	0.708	12.2	71	0.00	17.17-17.42
67	m	1,2,4-TRIMETHYLBENZENE	0.693	0.669	3.5	73	0.00	17.60-17.91
		----------	True	Calc.	% Drift			----------
68	m	m-DICHLOROBENZENE	10.000	9.389	6.1	64	0.00	17.78-18.11
69	m	BENZYL CHLORIDE	10.000	8.630	13.7	62	0.00	17.76-18.07
70	m	p-DICHLOROBENZENE	10.000	8.922	10.8	63	0.00	17.90-18.14
71	m	o-DICHLOROBENZENE	10.000	9.307	6.9	66	0.00	18.25-18.56
72	m	HEXACHLOROBUTADIENE	10.000	7.013	29.9	62	0.00	20.59-21.00
73	m	1,2,4-TRICHLOROBENZENE	10.000	7.690	23.1	52	0.00	20.10-20.51
74	m	NAPHTHALENE		----------NA----------				
75		2-METHYLNAPHTHALENE		----------NA----------				
76		1-METHYLNAPHTHALENE		----------NA----------				

(#) = Out of Range SPCC's out = 0 CCC's out = 0
Q3819.D Q062707T.m Thu Jun 28 13:50:35 2007 RPT1

GC/MS Volatiles

Raw Data

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10805.D
Acq On : 28 Jun 2007 8:55 am
Operator : danat
Sample : m65803-1 (M125)
Misc : MS13836, MSJ558,,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 28 09:24:27 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:15:12 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	383193	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.43	114	1306678	10.00	PPBV	-0.01
49) CHLOROBENZENE-D5	14.67	117	1100612	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	321488	4.63	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 92.60%

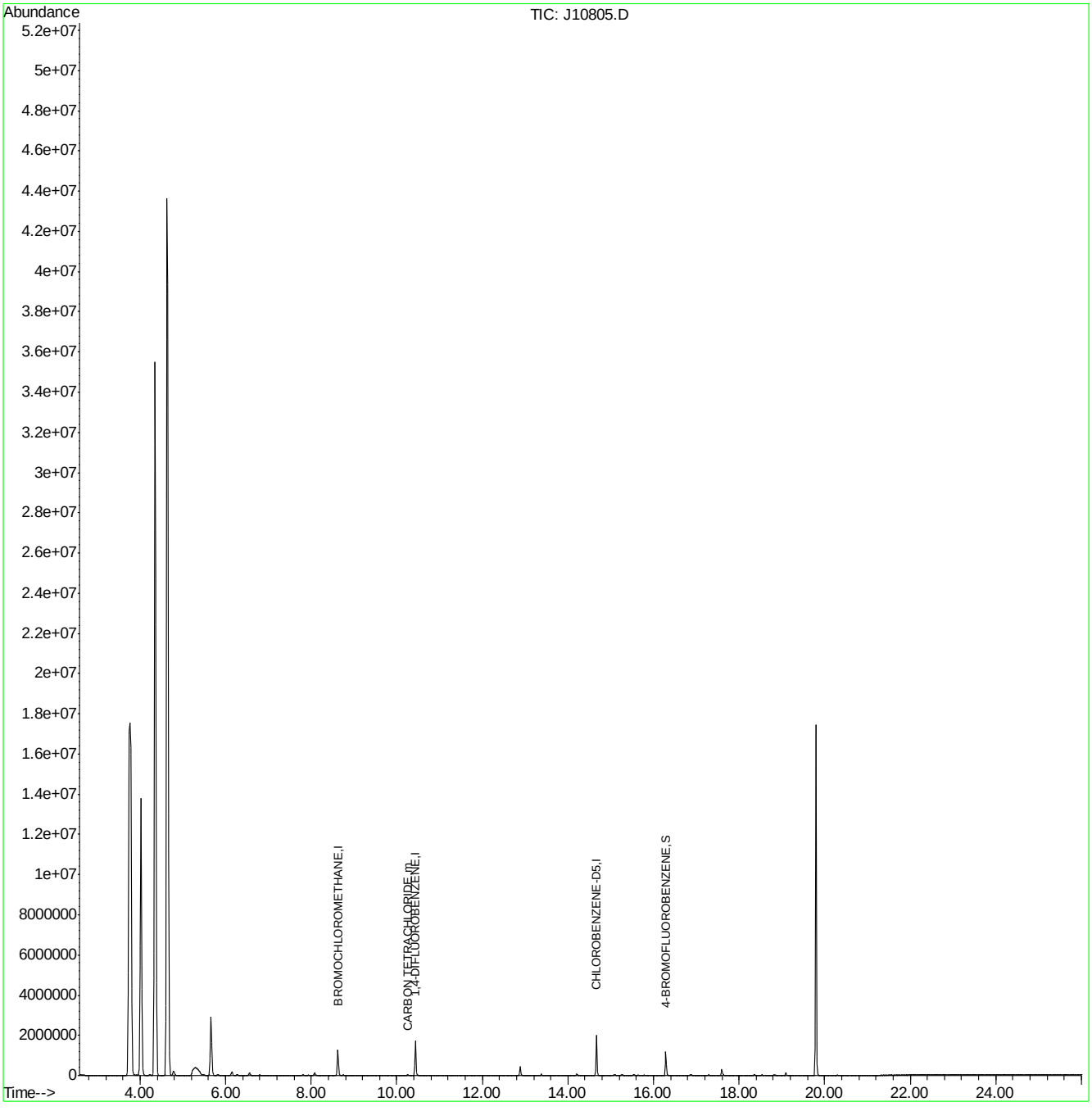
Target Compounds						Qvalue
33) CARBON TETRACHLORIDE	10.26	117	13397	0.11	PPBV	96

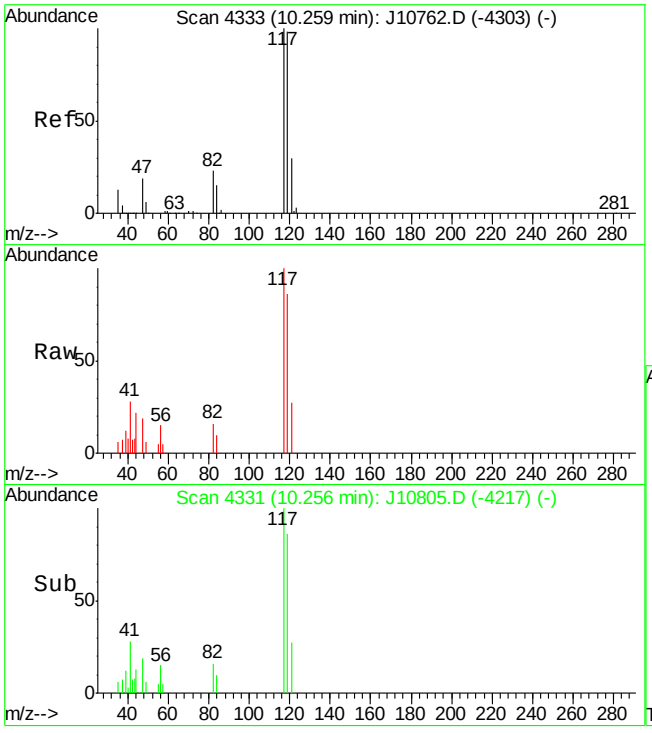
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10805.D
Acq On : 28 Jun 2007 8:55 am
Operator : danat
Sample : m65803-1 (M125)
Misc : MS13836, MSJ558,,,,,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 28 09:24:27 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:15:12 2007
Response via : Initial Calibration

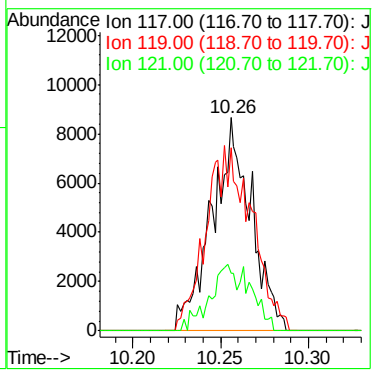




#33
CARBON TETRACHLORIDE
Concen: 0.11 PPBV
RT: 10.26 min Scan# 4331
Delta R.T. -0.00 min
Lab File: J10805.D
Acq: 28 Jun 2007 8:55 am

Tgt Ion:117 Resp: 13397

Ion	Ratio	Lower	Upper
117	100		
119	100.9	76.8	116.8
121	32.0	10.9	50.9



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3844.D
Acq On : 28 Jun 2007 6:41 pm
Operator : PhilipB
Sample : M65803-2
Misc : MS13836, MSQ206,,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 29 08:58:51 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 17:20:02 2007
Response via : Initial Calibration

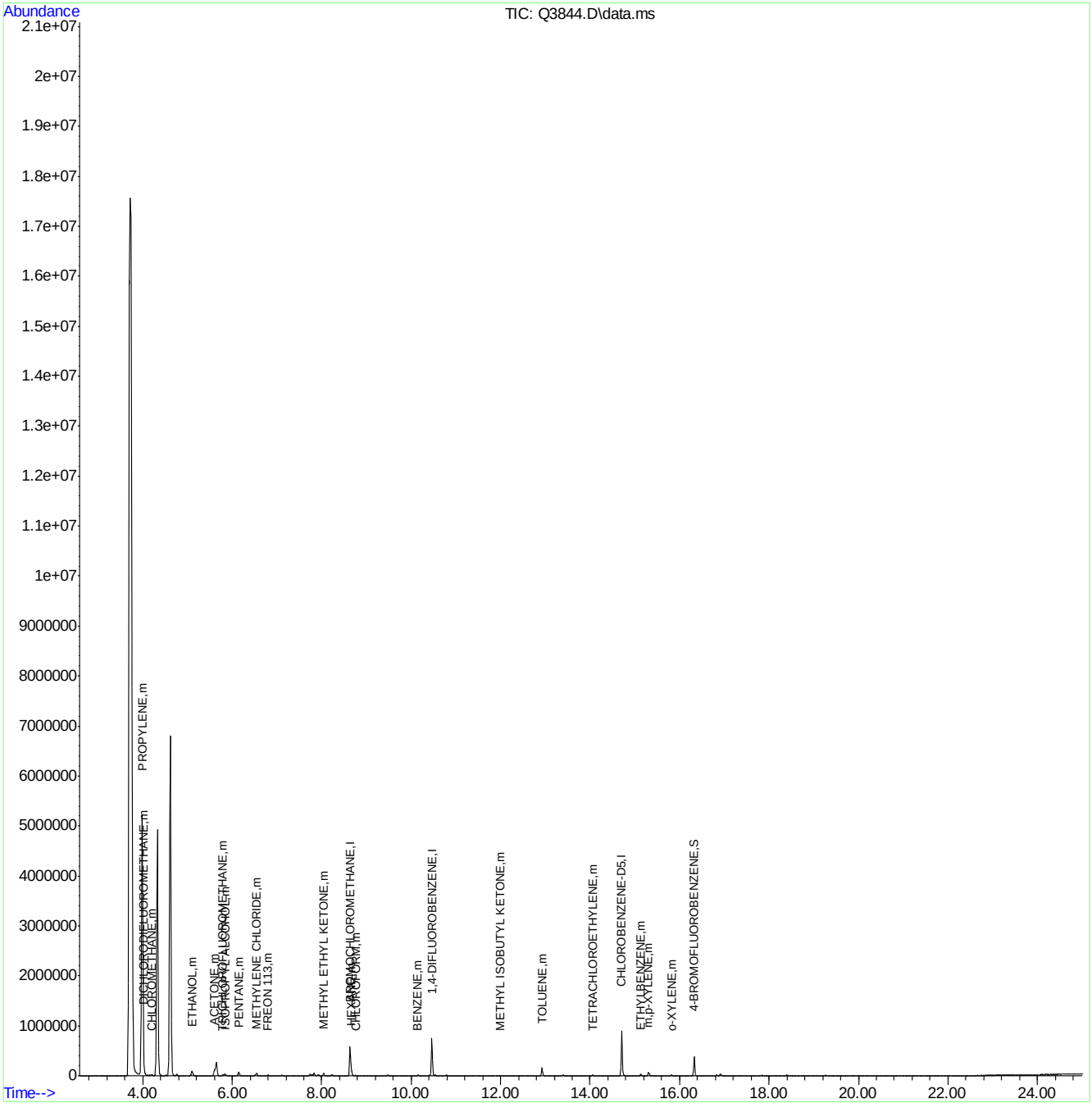
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.632	128	91665	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.461	114	441601	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.707	117	356784	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.329	95	129806	4.70	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 94.00%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.028	85	36351	0.81	PPBV	92
3) PROPYLENE	3.985	41	1617590	107.48	PPBV #	45
5) CHLOROMETHANE	4.202	50	13344	0.69	PPBV	86
10) TRICHLOROFLUOROMETHANE	5.790	101	17083	0.47	PPBV	99
11) ISOPROPYL ALCOHOL	5.838	45	45642	1.64	PPBV	95
12) ACETONE	5.600	43	180671	7.69	PPBV	97
13) PENTANE	6.147	42	33675	1.78	PPBV	95
16) ETHANOL	5.094	45	128001	23.77	PPBV	99
18) METHYLENE CHLORIDE	6.544	84	15780	1.05	PPBV	61
20) FREON 113	6.804	151	4416	0.26	PPBV #	72
25) HEXANE	8.672	57	24206	1.02	PPBV	86
28) METHYL ETHYL KETONE	8.042	43	60241	2.19	PPBV	97
31) CHLOROFORM	8.752	83	6799	0.25	PPBV	93
36) BENZENE	10.153	78	8574	0.30	PPBV	83
44) METHYL ISOBUTYL KETONE	11.997	43	6712	0.22	PPBV #	78
46) TOLUENE	12.925	92	52413	2.95	PPBV	96
51) TETRACHLOROETHYLENE	14.052	164	1867	0.20	PPBV #	56
55) ETHYLBENZENE	15.133	91	21263	0.64	PPBV	96
56) m,p-XYLENE	15.301	106	19366	1.56	PPBV #	98
57) o-XYLENE	15.821	106	5304	0.41	PPBV	97

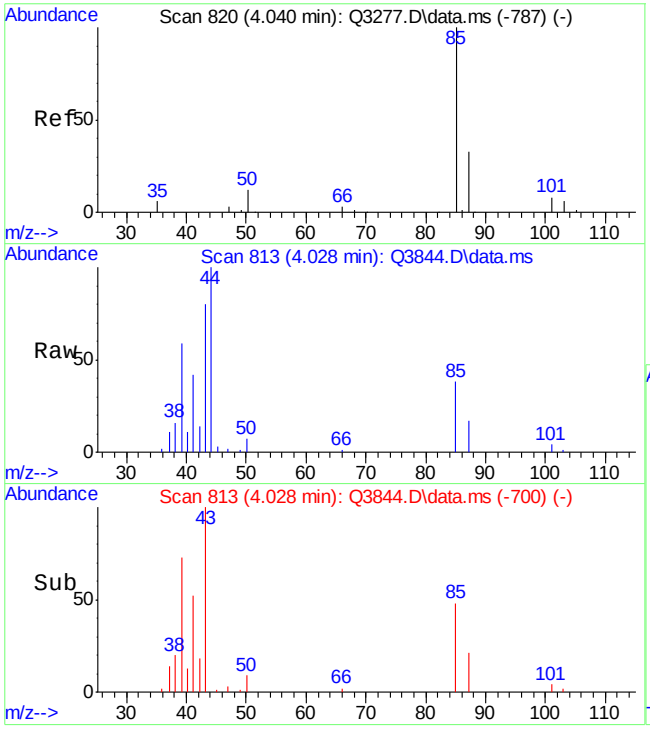
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3844.D
Acq On : 28 Jun 2007 6:41 pm
Operator : PhilipB
Sample : M65803-2
Misc : MS13836, MSQ206,,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 29 08:58:51 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 17:20:02 2007
Response via : Initial Calibration

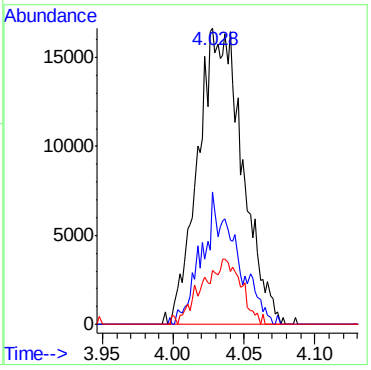


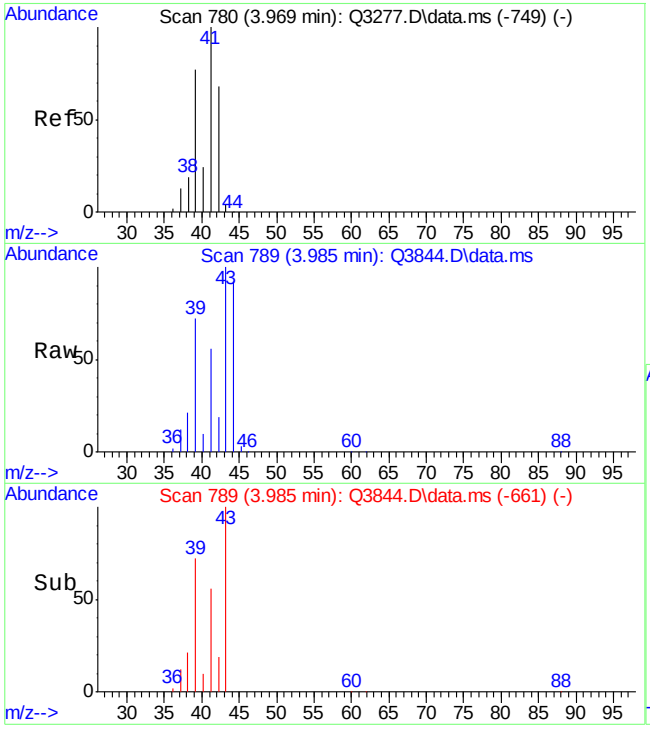


#2
DICHLORODIFLUOROMETHANE
Concen: 0.81 PPBV
RT: 4.028 min Scan# 813
Delta R.T. -0.005 min
Lab File: Q3844.D
Acq: 28 Jun 2007 6:41 pm

Tgt Ion: 85 Resp: 36351

Ion	Ratio	Lower	Upper
85	100		
87	34.8	12.1	52.1
50	19.4	0.0	33.8

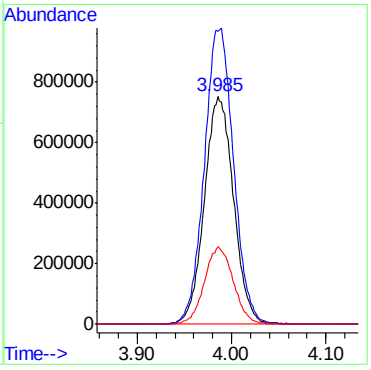


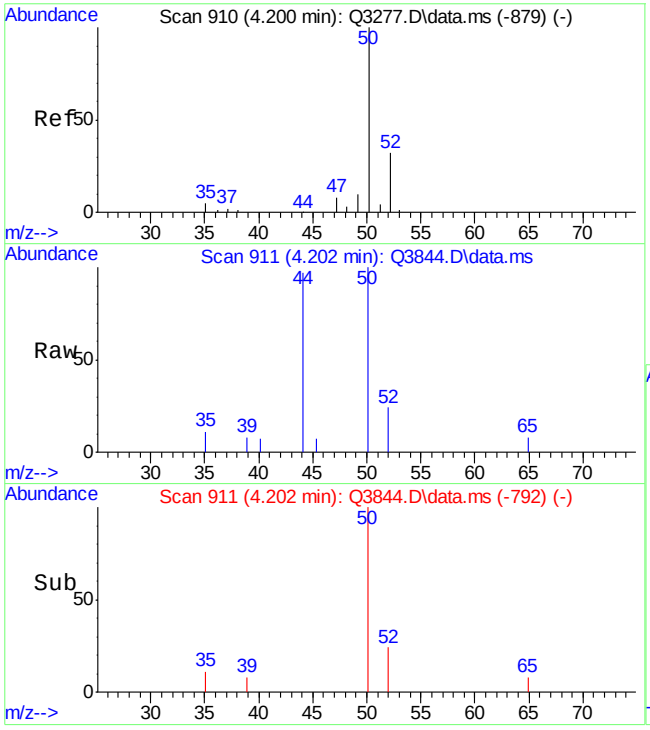


#3
PROPYLENE
Concen: 107.48 PPBV
RT: 3.985 min Scan# 789
Delta R.T. 0.021 min
Lab File: Q3844.D
Acq: 28 Jun 2007 6:41 pm

Tgt Ion: 41 Resp: 1617590

Ion	Ratio	Lower	Upper
41	100		
39	128.6	52.5	92.5#
42	33.8	47.8	87.8#

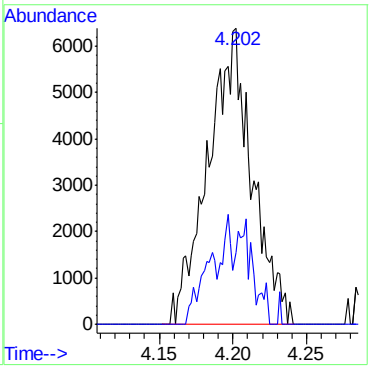


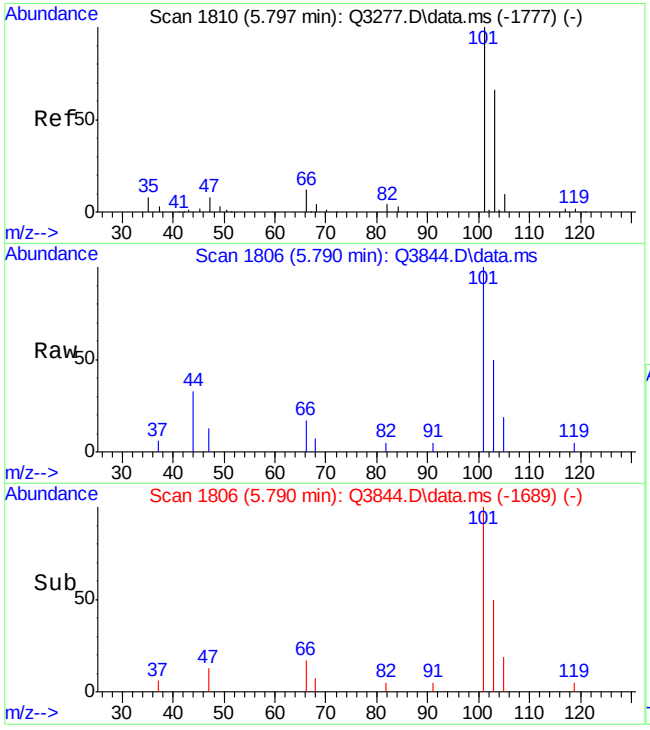


#5
CHLOROMETHANE
Concen: 0.69 PPBV
RT: 4.202 min Scan# 911
Delta R.T. 0.005 min
Lab File: Q3844.D
Acq: 28 Jun 2007 6:41 pm

Tgt Ion: 50 Resp: 13344

Ion	Ratio	Lower	Upper
50	100		
52	24.1	12.2	52.2

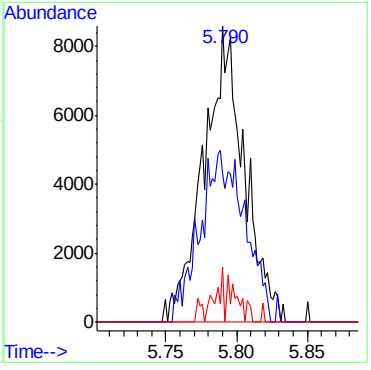


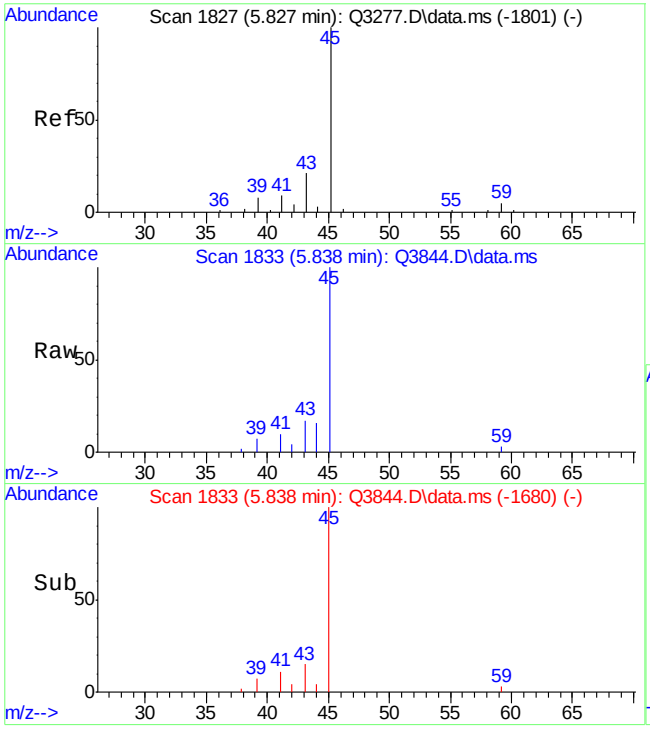


#10
TRICHLOROFLUOROMETHANE
Concen: 0.47 PPBV
RT: 5.790 min Scan# 1806
Delta R.T. 0.002 min
Lab File: Q3844.D
Acq: 28 Jun 2007 6:41 pm

Tgt Ion:101 Resp: 17083

Ion	Ratio	Lower	Upper
101	100		
103	63.9	44.3	84.3
105	8.7	0.0	30.2

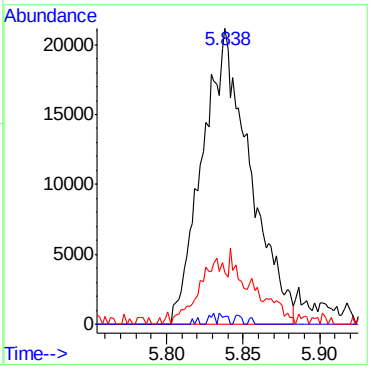


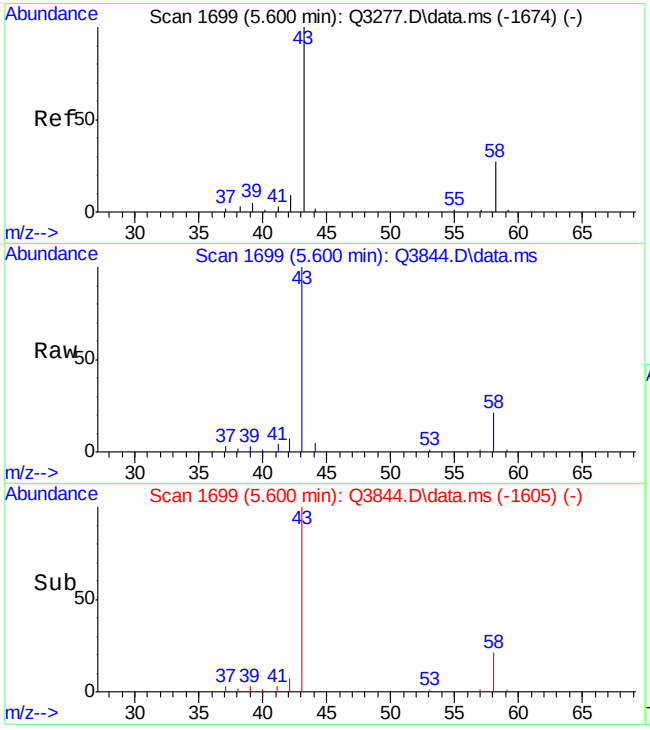


#11
ISOPROPYL ALCOHOL
Concen: 1.64 PPBV
RT: 5.838 min Scan# 1833
Delta R.T. 0.013 min
Lab File: Q3844.D
Acq: 28 Jun 2007 6:41 pm

Tgt Ion: 45 Resp: 45642

Ion	Ratio	Lower	Upper
45	100		
59	2.7	0.0	23.7
43	17.5	0.0	39.7

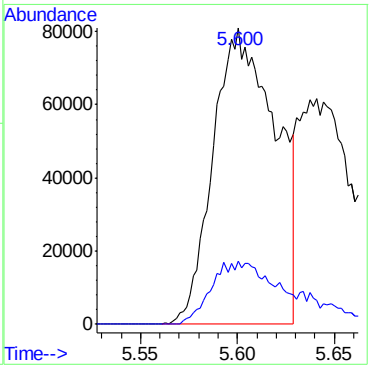


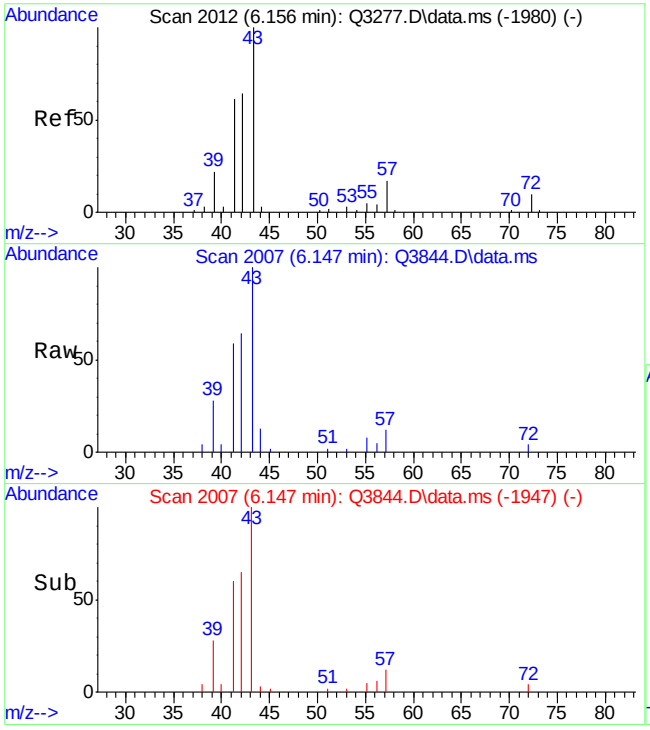


#12
ACETONE
Concen: 7.69 PPBV
RT: 5.600 min Scan# 1699
Delta R.T. 0.011 min
Lab File: Q3844.D
Acq: 28 Jun 2007 6:41 pm

Tgt Ion: 43 Resp: 180671

Ion	Ratio	Lower	Upper
43	100		
58	27.4	9.0	49.0

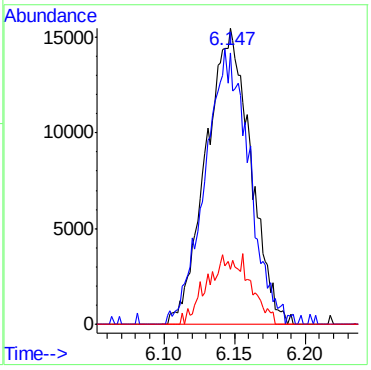


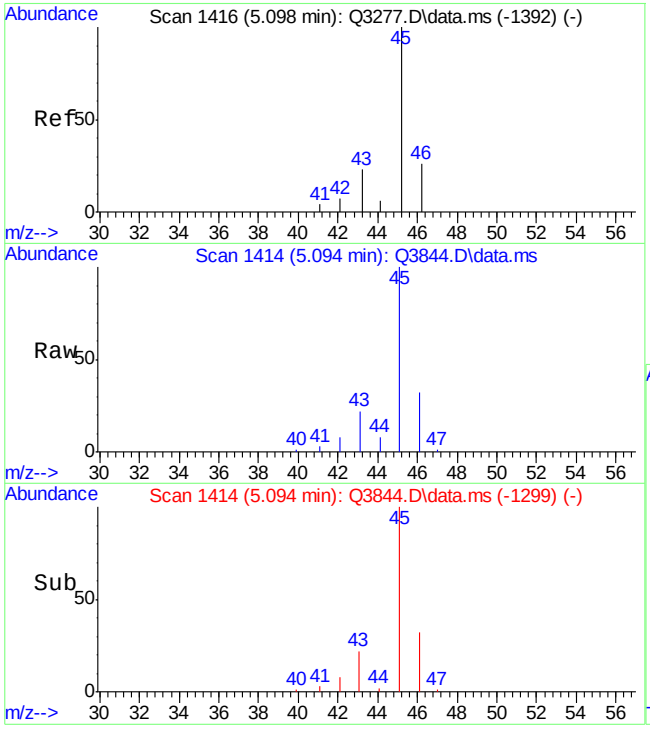


#13
PENTANE
Concen: 1.78 PPBV
RT: 6.147 min Scan# 2007
Delta R.T. 0.004 min
Lab File: Q3844.D
Acq: 28 Jun 2007 6:41 pm

Tgt Ion: 42 Resp: 33675

Ion	Ratio	Lower	Upper
42	100		
41	92.3	74.8	114.8
57	22.3	8.9	48.9

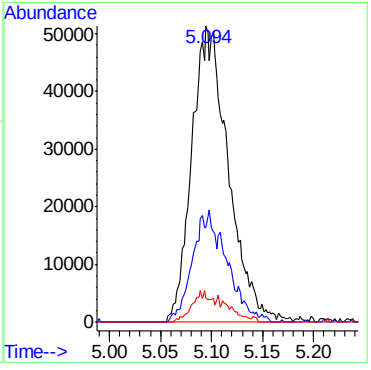


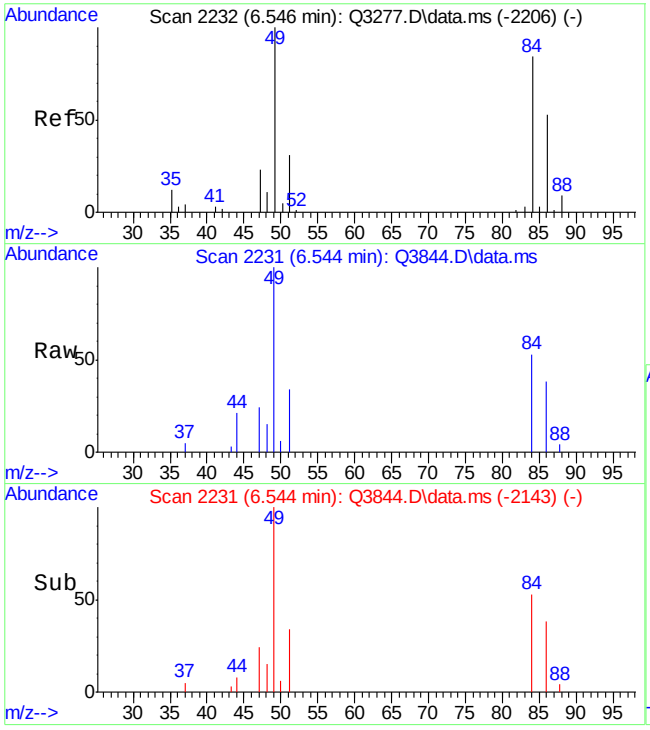


#16
ETHANOL
Concen: 23.77 PPBV
RT: 5.094 min Scan# 1414
Delta R.T. -0.002 min
Lab File: Q3844.D
Acq: 28 Jun 2007 6:41 pm

Tgt Ion: 45 Resp: 128001

Ion	Ratio	Lower	Upper
45	100		
46	35.1	14.7	54.7
42	9.3	0.0	28.4

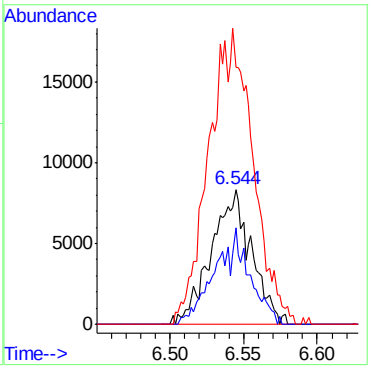


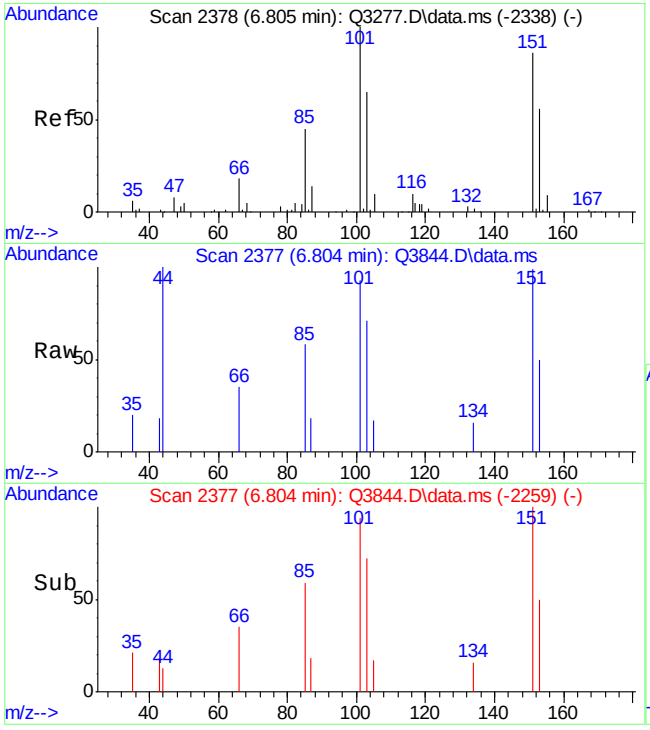


#18
METHYLENE CHLORIDE
Concen: 1.05 PPBV
RT: 6.544 min Scan# 2231
Delta R.T. 0.005 min
Lab File: Q3844.D
Acq: 28 Jun 2007 6:41 pm

Tgt Ion: 84 Resp: 15780

Ion	Ratio	Lower	Upper
84	100		
86	62.1	44.1	84.1
49	244.0	0.0	372.3

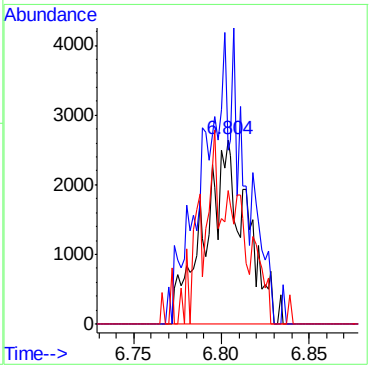


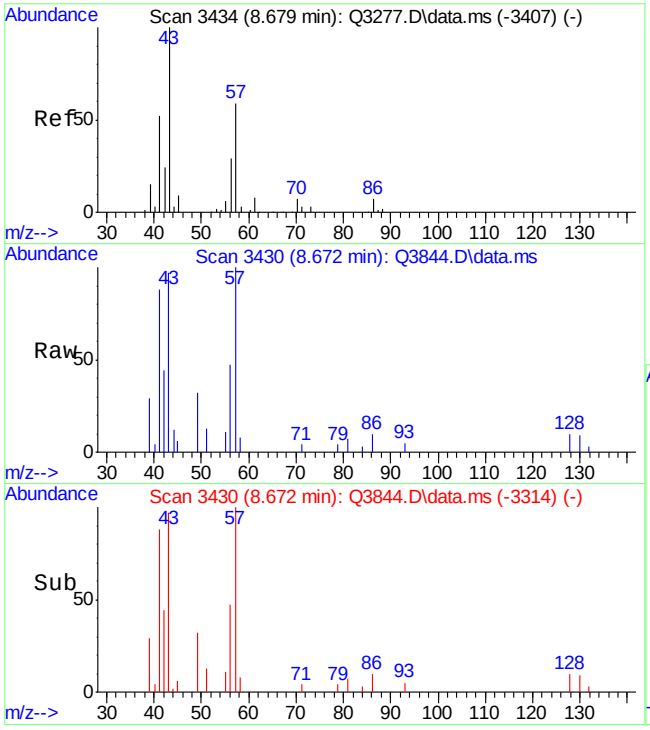


#20
FREON 113
Concen: 0.26 PPBV
RT: 6.804 min Scan# 2377
Delta R.T. 0.004 min
Lab File: Q3844.D
Acq: 28 Jun 2007 6:41 pm

Tgt Ion:151 Resp: 4416

Ion	Ratio	Lower	Upper
151	100		
101	154.4	110.1	150.1#
103	47.0	63.0	103.0#

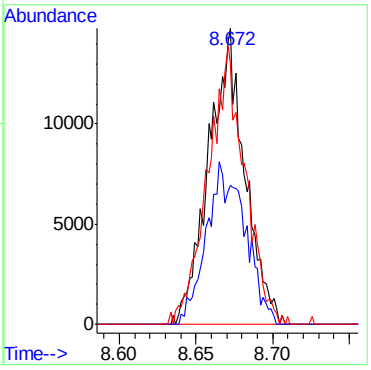


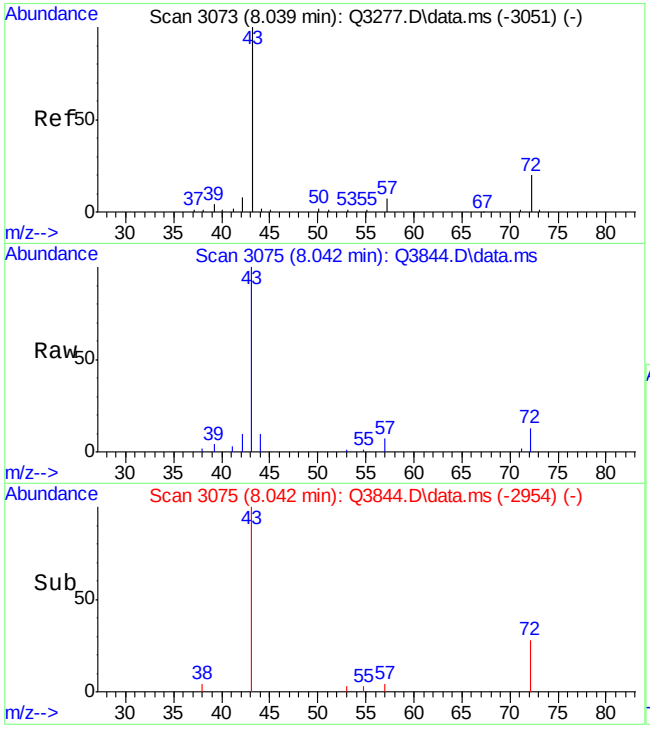


#25
HEXANE
Concen: 1.02 PPBV
RT: 8.672 min Scan# 3430
Delta R.T. 0.000 min
Lab File: Q3844.D
Acq: 28 Jun 2007 6:41 pm

Tgt Ion: 57 Resp: 24206

Ion	Ratio	Lower	Upper
57	100		
56	58.2	34.3	74.3
41	96.3	58.9	98.9

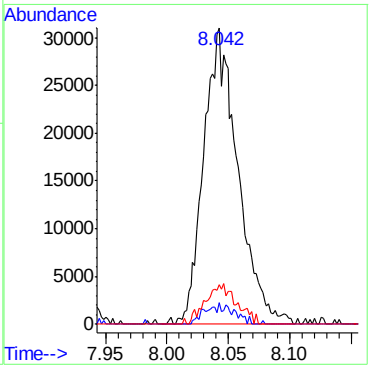




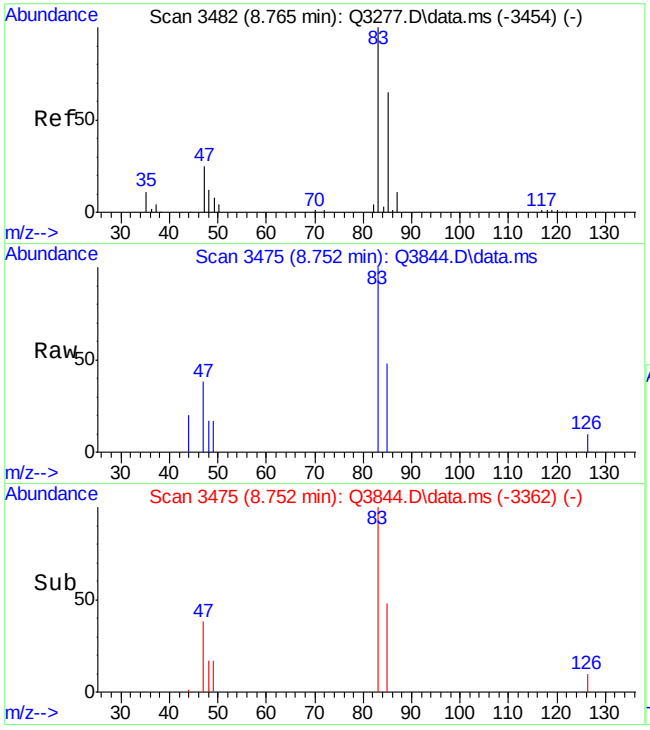
#28
METHYL ETHYL KETONE
Concen: 2.19 PPBV
RT: 8.042 min Scan# 3075
Delta R.T. 0.009 min
Lab File: Q3844.D
Acq: 28 Jun 2007 6:41 pm

Tgt Ion: 43 Resp: 60241

Ion	Ratio	Lower	Upper
43	100		
57	7.1	0.0	27.7
72	13.2	0.0	34.6



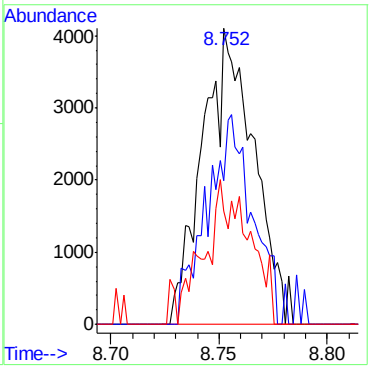
ACCUTEST Laboratories M65803

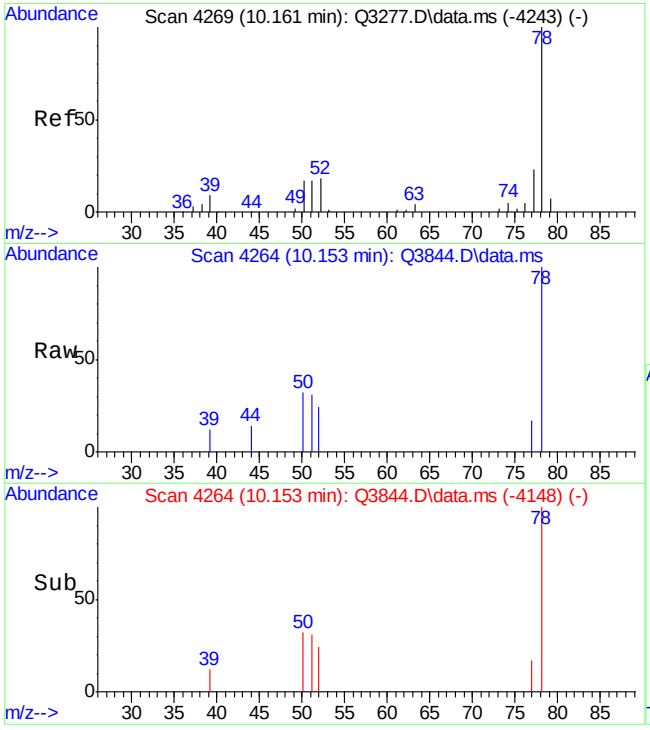


#31
CHLOROFORM
Concen: 0.25 PPBV
RT: 8.752 min Scan# 3475
Delta R.T. -0.005 min
Lab File: Q3844.D
Acq: 28 Jun 2007 6:41 pm

Tgt Ion: 83 Resp: 6799

Ion	Ratio	Lower	Upper
83	100		
85	64.1	44.2	84.2
47	43.4	11.8	51.8

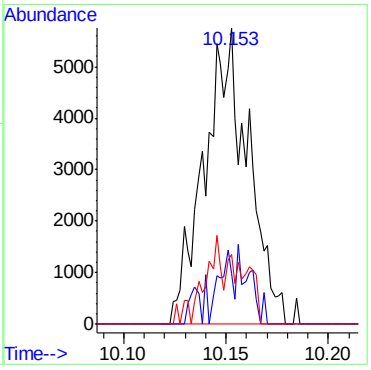


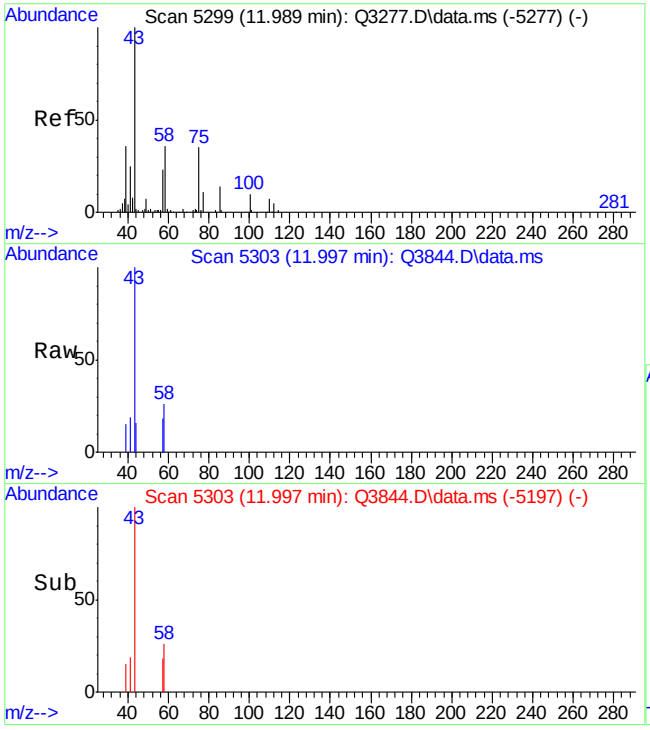


#36
BENZENE
Concen: 0.30 PPBV
RT: 10.153 min Scan# 4264
Delta R.T. 0.000 min
Lab File: Q3844.D
Acq: 28 Jun 2007 6:41 pm

Tgt Ion: 78 Resp: 8574

Ion	Ratio	Lower	Upper
78	100		
77	14.6	2.8	42.8
52	16.3	5.1	45.1

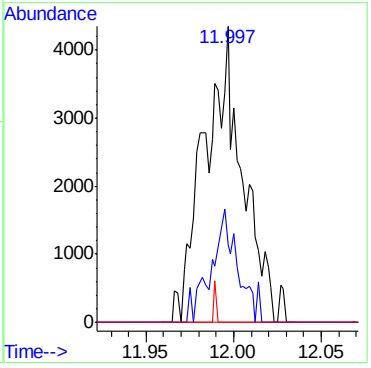


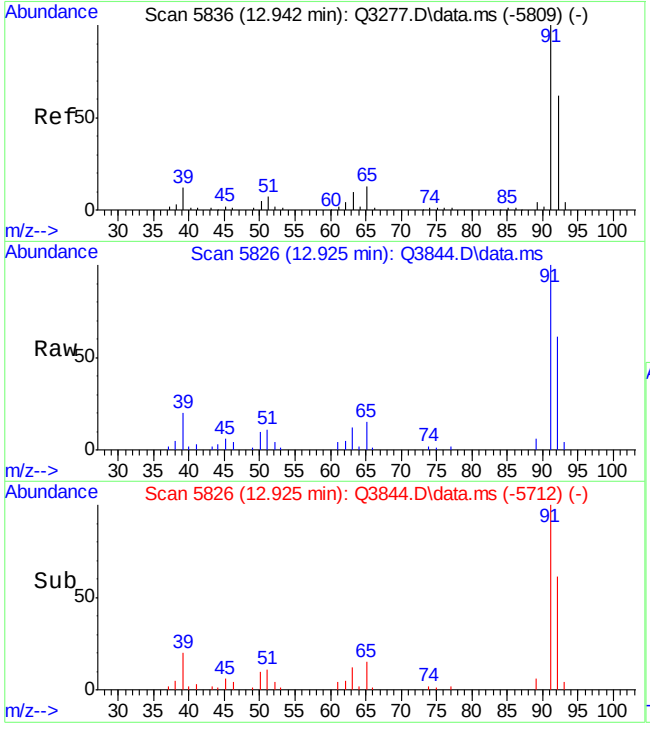


#44
METHYL ISOBUTYL KETONE
Concen: 0.22 PPBV
RT: 11.997 min Scan# 5303
Delta R.T. 0.012 min
Lab File: Q3844.D
Acq: 28 Jun 2007 6:41 pm

Tgt Ion: 43 Resp: 6712

Ion	Ratio	Lower	Upper
43	100		
58	26.3	19.3	59.3
100	0.0	0.0	28.7

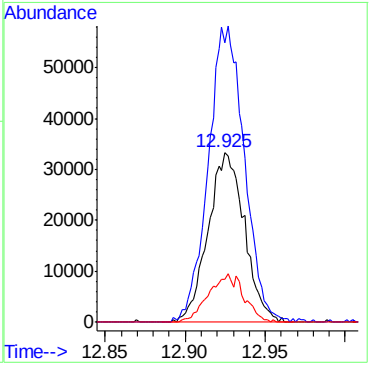


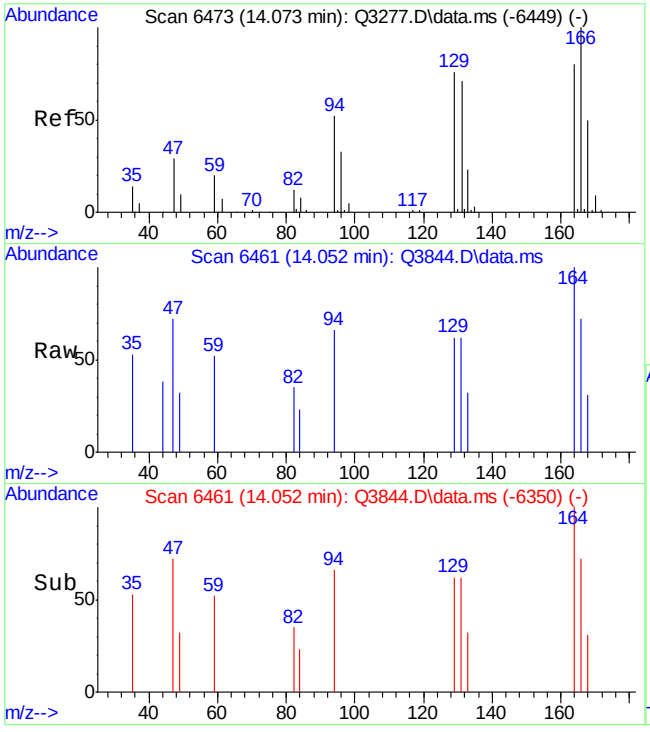


#46
TOLUENE
Concen: 2.95 PPBV
RT: 12.925 min Scan# 5826
Delta R.T. -0.004 min
Lab File: Q3844.D
Acq: 28 Jun 2007 6:41 pm

Tgt Ion: 92 Resp: 52413

Ion	Ratio	Lower	Upper
92	100		
91	174.0	149.0	189.0
65	27.4	4.1	44.1

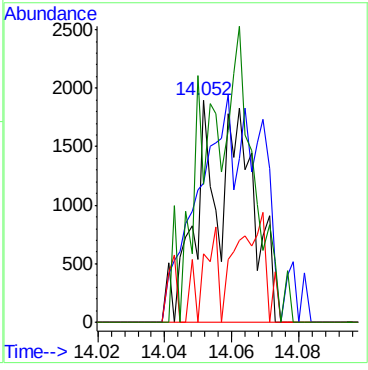


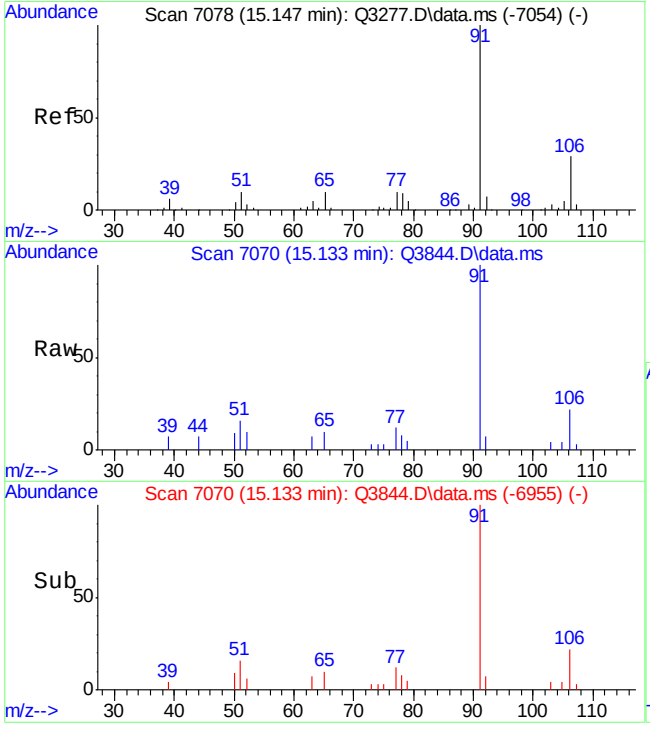


#51
TETRACHLOROETHYLENE
Concen: 0.20 PPBV
RT: 14.052 min Scan# 6461
Delta R.T. -0.009 min
Lab File: Q3844.D
Acq: 28 Jun 2007 6:41 pm

Tgt Ion:164 Resp: 1867

Ion	Ratio	Lower	Upper
164	100		
129	76.1	87.3	127.3#
168	8.8	39.5	79.5#
131	61.3	88.3	128.3#

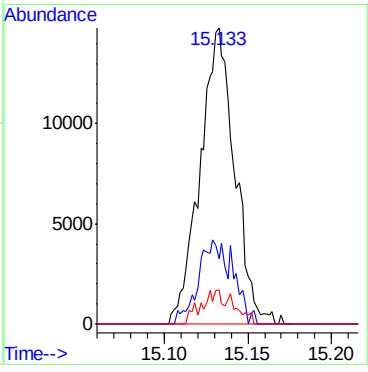


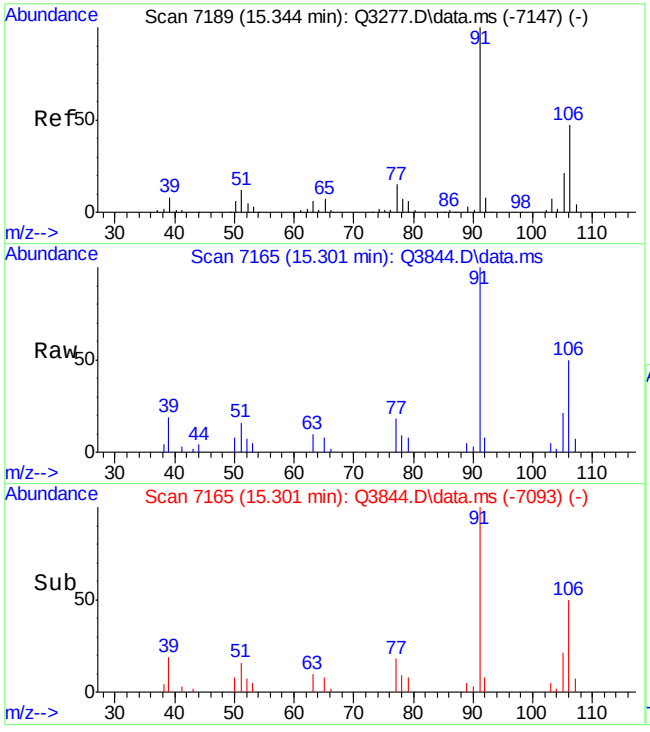


#55
ETHYLBENZENE
Concen: 0.64 PPBV
RT: 15.133 min Scan# 7070
Delta R.T. -0.002 min
Lab File: Q3844.D
Acq: 28 Jun 2007 6:41 pm

Tgt Ion: 91 Resp: 21263

Ion	Ratio	Lower	Upper
91	100		
106	28.3	10.5	50.5
77	10.4	0.0	29.1

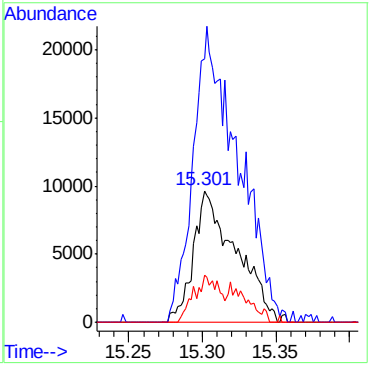


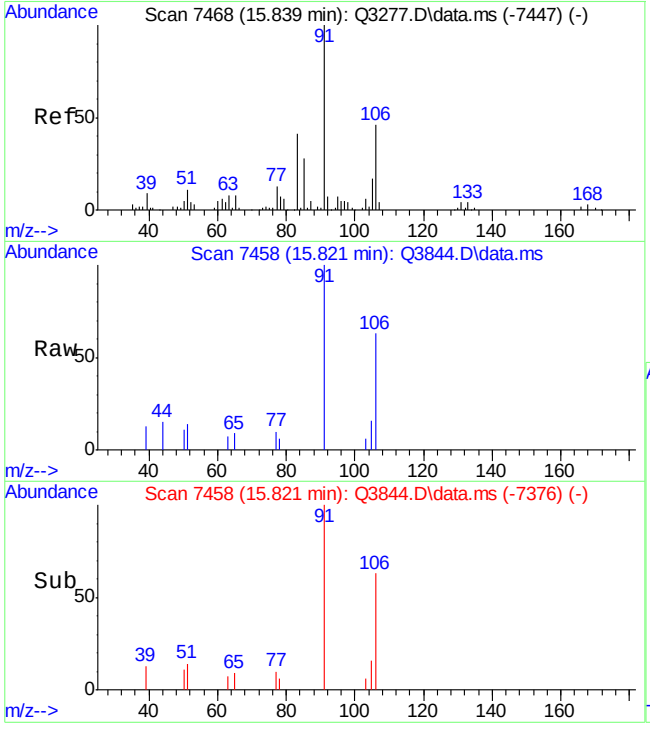


#56
m,p-XYLENE
Concen: 1.56 PPBV
RT: 15.301 min Scan# 7165
Delta R.T. -0.028 min
Lab File: Q3844.D
Acq: 28 Jun 2007 6:41 pm

Tgt Ion:106 Resp: 19366

Ion	Ratio	Lower	Upper
106	100		
91	200.6	161.0	241.6
77	35.9	21.8	32.8#

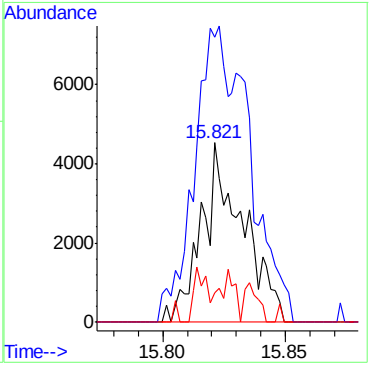




#57
o-XYLENE
Concen: 0.41 PPBV
RT: 15.821 min Scan# 7458
Delta R.T. -0.009 min
Lab File: Q3844.D
Acq: 28 Jun 2007 6:41 pm

Tgt Ion:106 Resp: 5304

Ion	Ratio	Lower	Upper
106	100		
91	219.2	196.2	236.2
77	20.4	7.8	47.8



Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10796.D
Acq On : 27 Jun 2007 2:04 pm
Operator : danat
Sample : mb (M012)
Misc : MS13762, MSJ558,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 15:30:30 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:15:12 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.53	128	404558	10.00	PPBV	-0.09
35) 1,4-DIFLUOROBENZENE	10.37	114	1710266	10.00	PPBV	-0.08
49) CHLOROBENZENE-D5	14.64	117	1585199	10.00	PPBV	-0.03

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.27	95	465028	4.65	PPBV	-0.02

Spiked Amount 5.000 Range 51 - 142 Recovery = 93.00%

Target Compounds	Qvalue

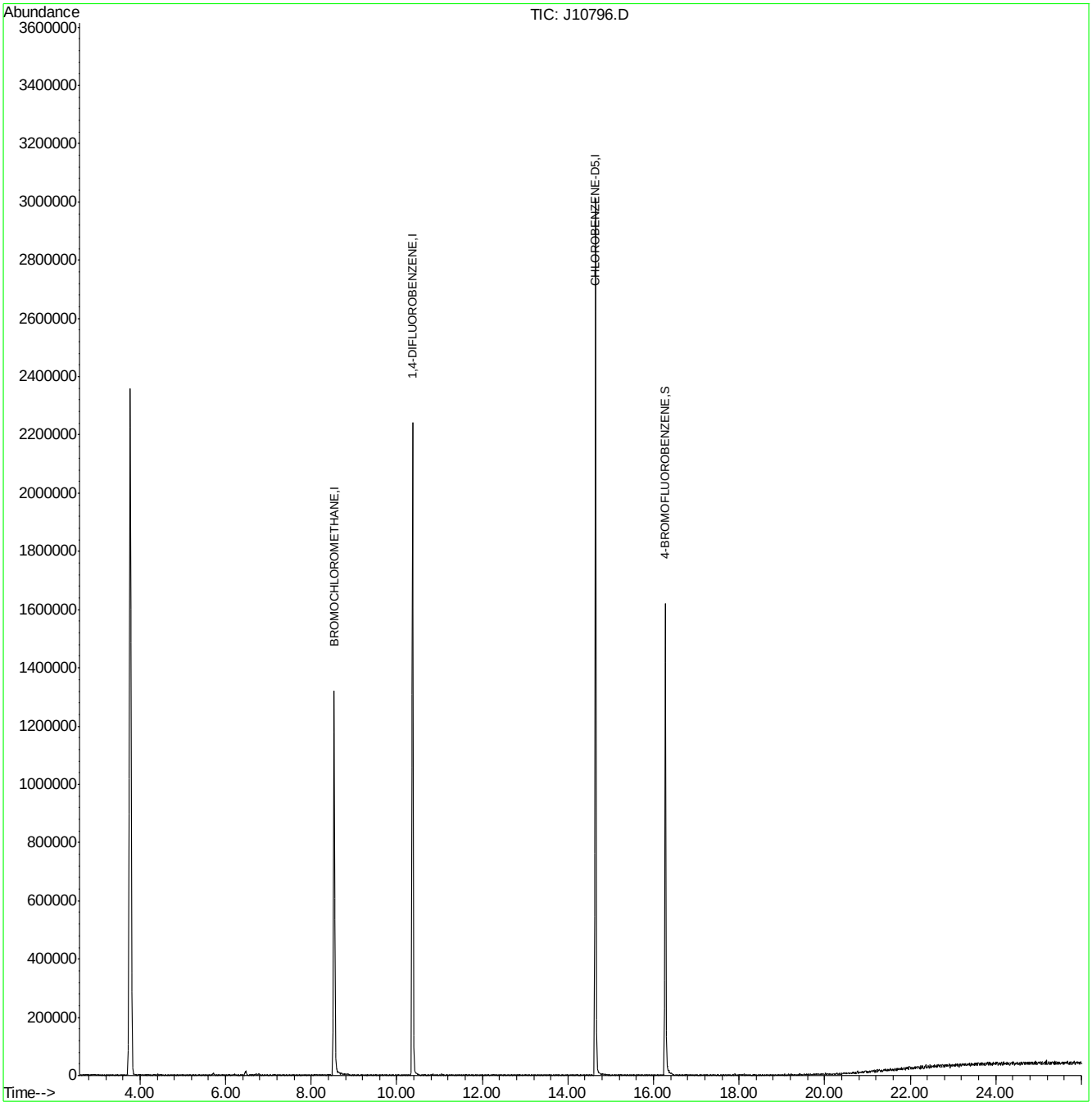
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ACCUTEST Laboratories M65803

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10796.D
Acq On : 27 Jun 2007 2:04 pm
Operator : danat
Sample : mb (M012)
Misc : MS13762, MSJ558,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 15:30:30 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:15:12 2007
Response via : Initial Calibration



Manual Integrations
APPROVED
(compounds with "m" flag)
Doug Yargeau
07/02/07 16:01

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3838.D
Acq On : 28 Jun 2007 2:10 pm
Operator : PhilipB
Sample : MB (M213)
Misc : MS13849, MSQ206,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 28 14:45:29 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 17:20:02 2007
Response via : Initial Calibration

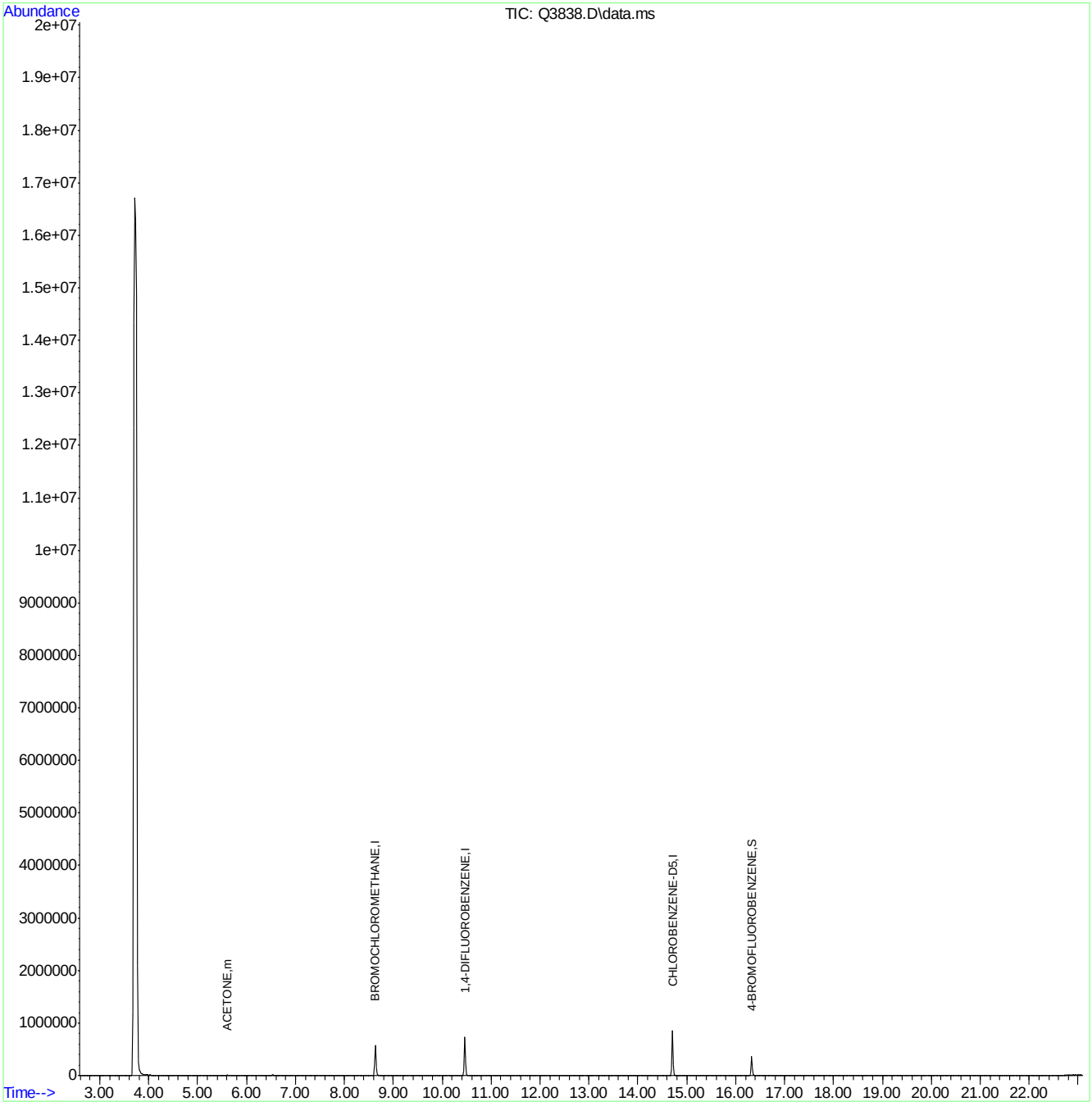
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.637	128	96900	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.463	114	443229	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.707	117	340148	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.327	95	123847	4.70	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 94.00%			
Target Compounds						Qvalue
12) ACETONE	5.611	43	11632m	0.47	PPBV	

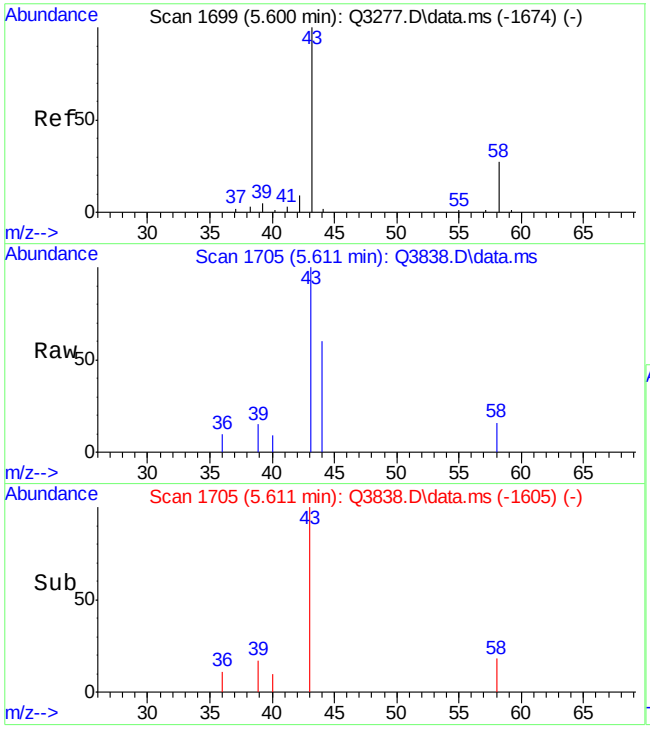
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3838.D
Acq On : 28 Jun 2007 2:10 pm
Operator : PhilipB
Sample : MB (M213)
Misc : MS13849, MSQ206,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 28 14:45:29 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 17:20:02 2007
Response via : Initial Calibration

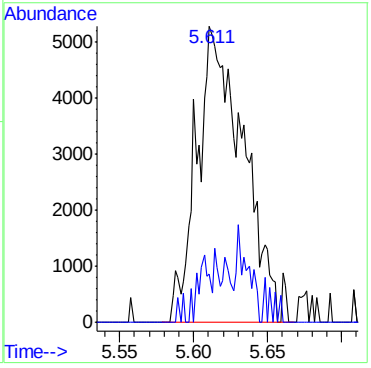




#12
ACETONE
Concen: 0.47 PPBV m
RT: 5.611 min Scan# 1705
Delta R.T. 0.022 min
Lab File: Q3838.D
Acq: 28 Jun 2007 2:10 pm

Tgt Ion: 43 Resp: 11632

Ion	Ratio	Lower	Upper
43	100		
58	0.0	9.0	49.0#



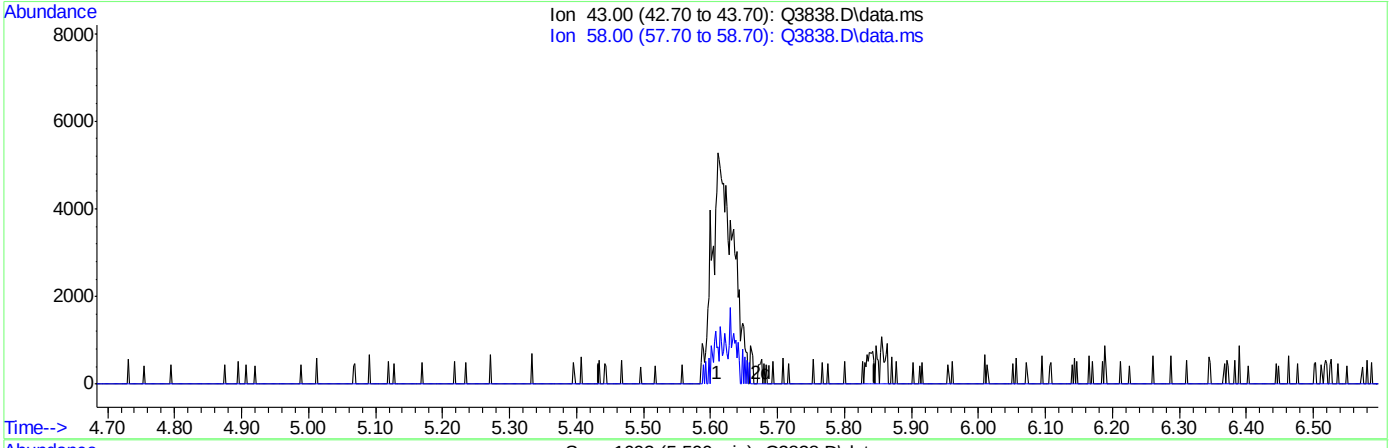
6.2.2

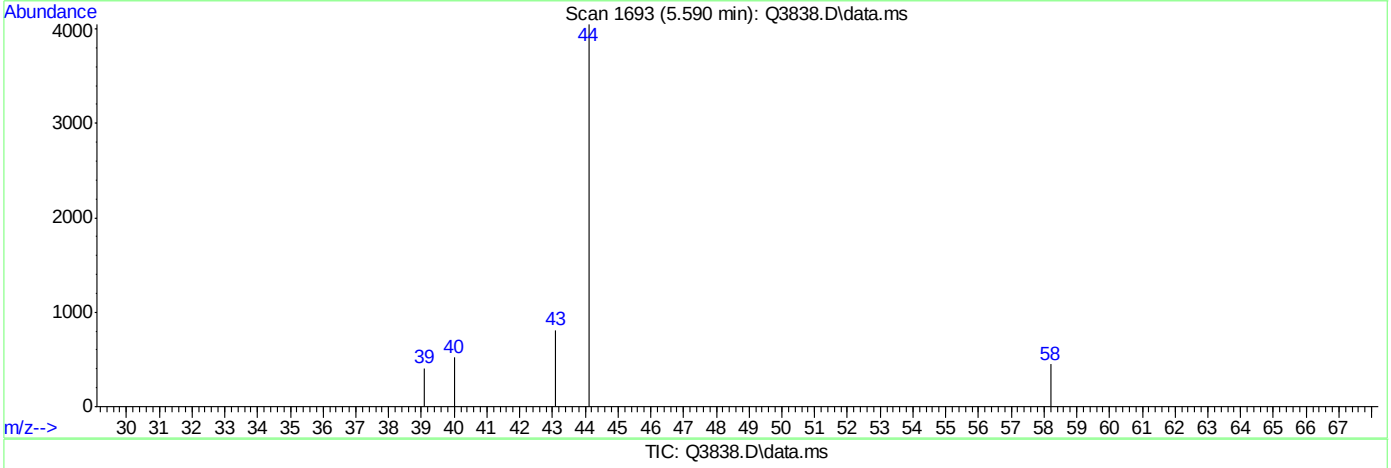
6

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3838.D
Acq On    : 28 Jun 2007   2:10 pm
Operator  : PhilipB
Sample    : MB (M213)
Misc      : MS13849, MSQ206,,,,,1
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Jun 28 14:45:00 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 17:20:02 2007
Response via : Initial Calibration
```



(12) ACETONE (m)

5.589min 0.00PPBV d

response 0

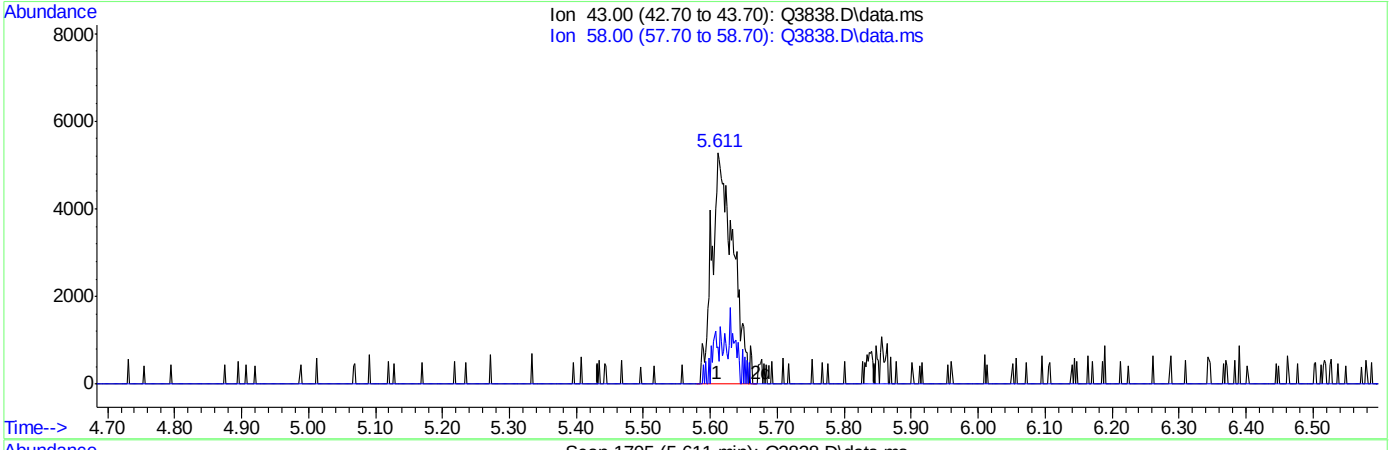
Ion	Exp%	Act%
43.00	100	0.00
58.00	29.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

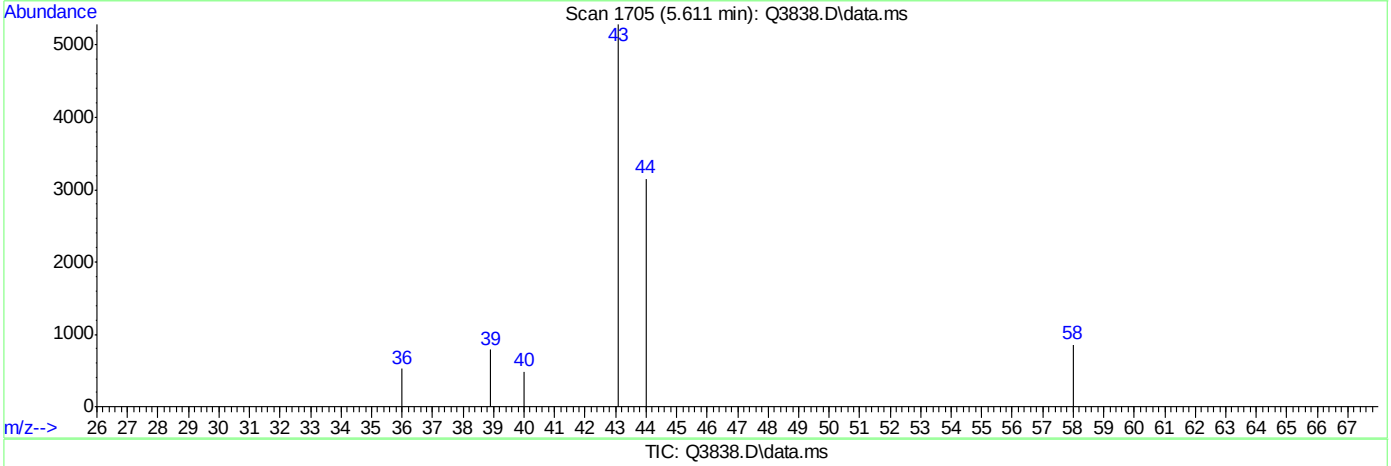
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3838.D
Acq On    : 28 Jun 2007   2:10 pm
Operator  : PhilipB
Sample    : MB (M213)
Misc      : MS13849, MSQ206,,,,,1
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Jun 28 14:45:00 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 17:20:02 2007
Response via : Initial Calibration
```



TIC: Q3838.D\data.ms

(12) ACETONE (m)

5.611min (+0.022) 0.47PPBV m

response 11632

Ion	Exp%	Act%
43.00	100	100
58.00	29.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

ACCUTEST Laboratories M65803

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
06/18/07 11:34

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10589.D
Acq On : 7 Jun 2007 6:41 pm
Operator : danat
Sample : mb (m151)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 08 15:54:56 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	349729	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.43	114	1565972	10.00	PPBV	-0.01
49) CHLOROBENZENE-D5	14.66	117	1349596m	10.00	PPBV	-0.01

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	410657m	5.01	PPBV	-0.02

Spiked Amount 5.000 Range 51 - 142 Recovery = 100.20%

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

6.2.3

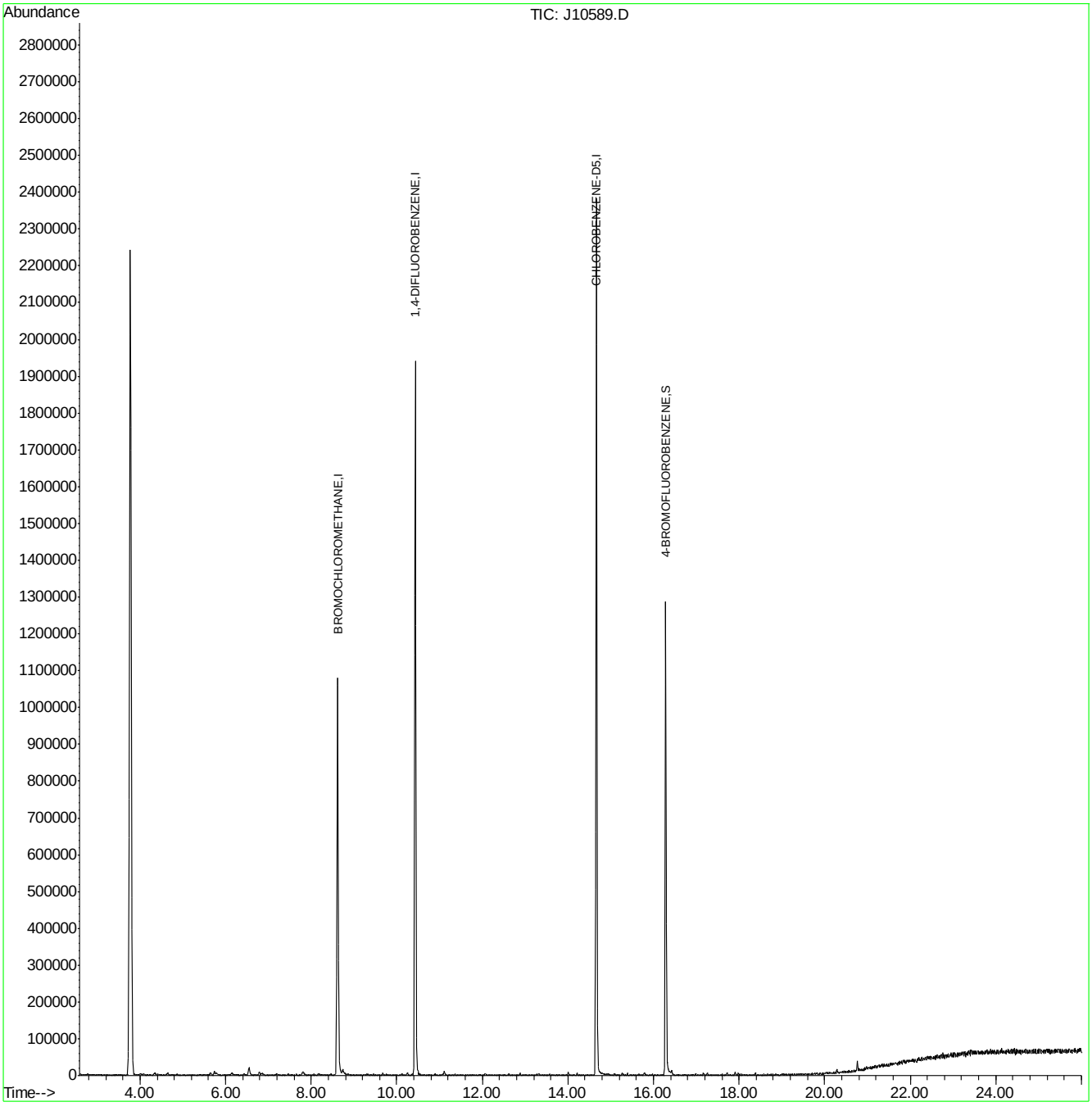
6

ACCUTEST Laboratories M65803

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10589.D
Acq On : 7 Jun 2007 6:41 pm
Operator : danat
Sample : mb (m151)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 08 15:54:56 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration

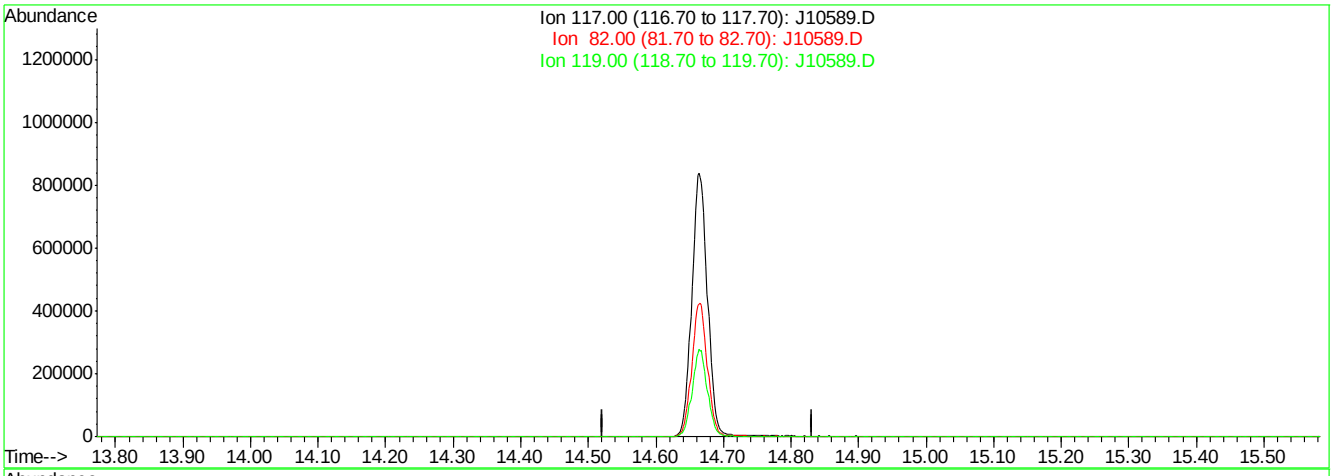


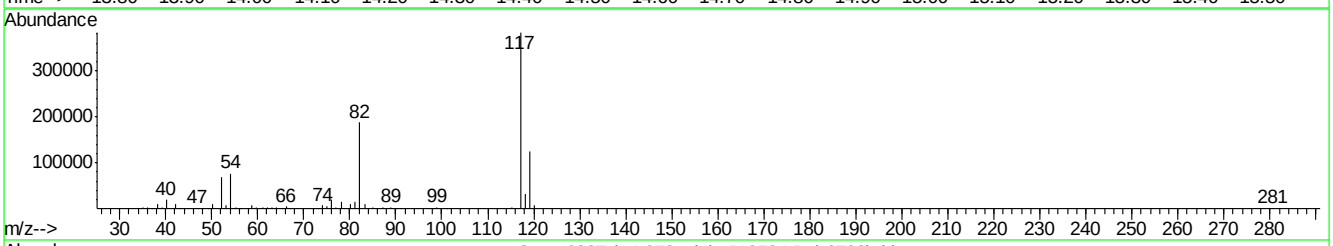
Quantitation Report (Qedit)

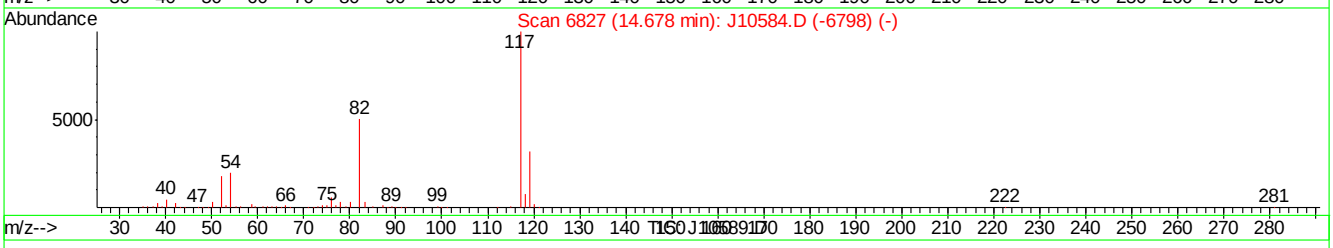
Data File : C:\MSDCHEM\1\DATA\J10589.D Vial: 4
Acq On : 7 Jun 2007 6:41 pm Operator: danat
Sample : mb (m151) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 08 08:10:41 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:30:04 2007
Response via : Multiple Level Calibration







(49) CHLOROBENZENE-D5 (I)

14.68min 0.00PPBV

response 0

Ion	Exp%	Act%
117.00	100	0.00
82.00	50.70	0.00#
119.00	32.40	0.00#
0.00	0.00	0.00

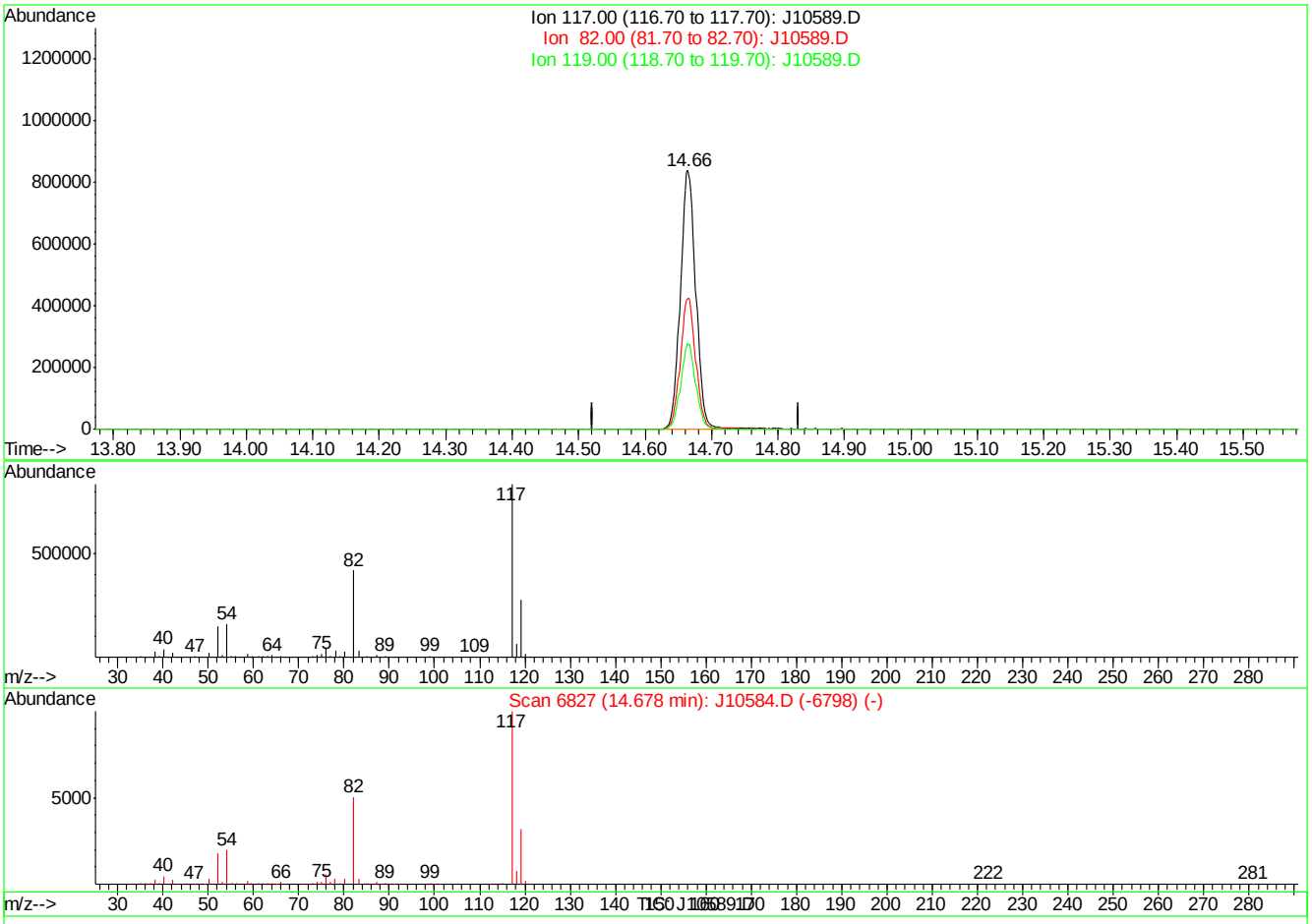
J10589.D J060707T.M Fri Jun 08 15:53:53 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10589.D Vial: 4
Acq On : 7 Jun 2007 6:41 pm Operator: danat
Sample : mb (m151) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 08 08:10:41 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:30:04 2007
Response via : Multiple Level Calibration



(49) CHLOROBENZENE-D5 (I)

14.66min 10.00PPBV m

response 1349596

Ion	Exp%	Act%
117.00	100	100
82.00	50.70	0.00#
119.00	32.40	0.00#
0.00	0.00	0.00

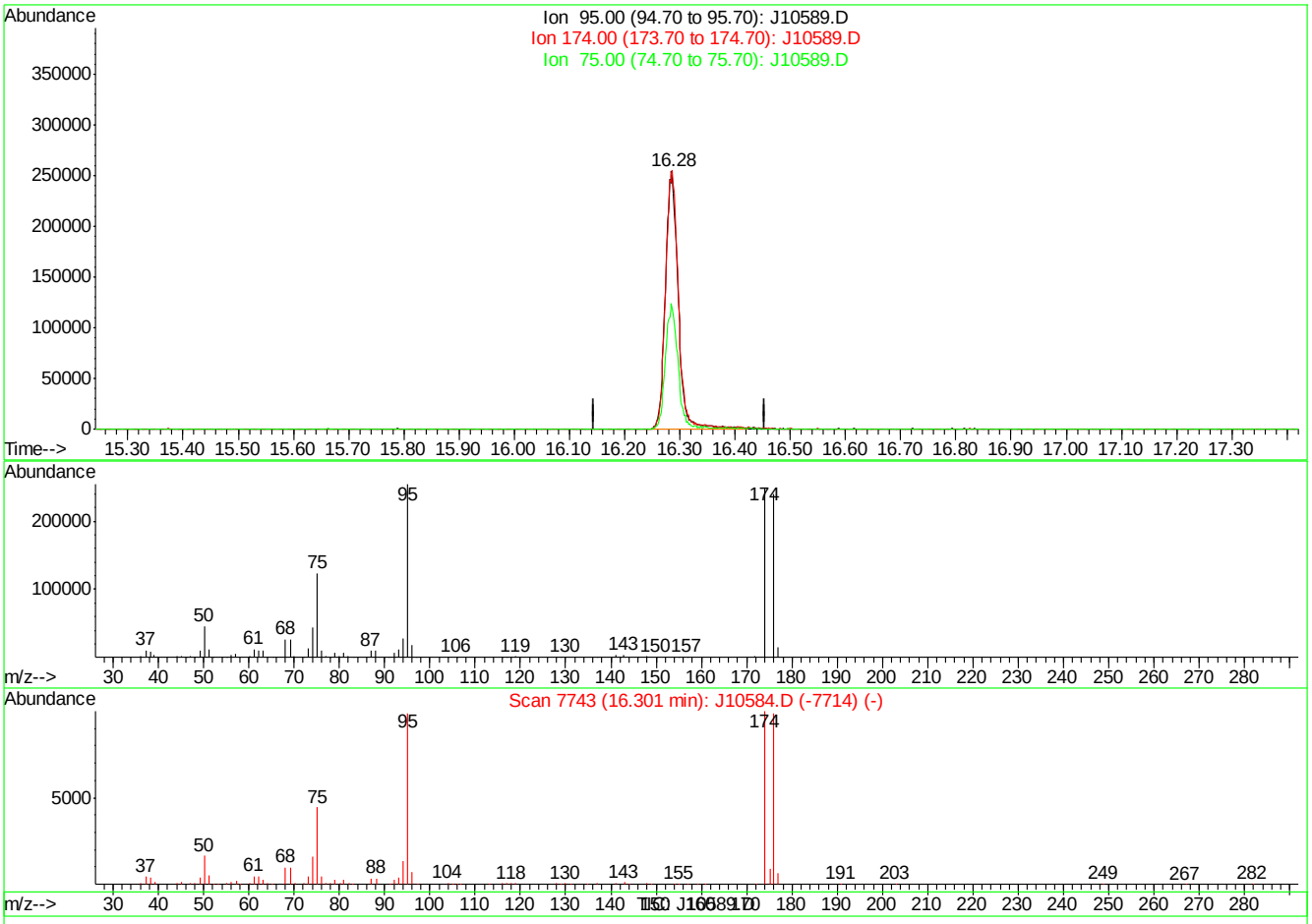
J10589.D J060707T.M Fri Jun 08 15:54:05 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10589.D Vial: 4
Acq On : 7 Jun 2007 6:41 pm Operator: danat
Sample : mb (m151) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 08 08:10:41 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:30:04 2007
Response via : Multiple Level Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.28min 5.00PPBV

response 409364

Ion	Exp%	Act%
95.00	100	100
174.00	102.70	100.75
75.00	46.50	47.12
0.00	0.00	0.00

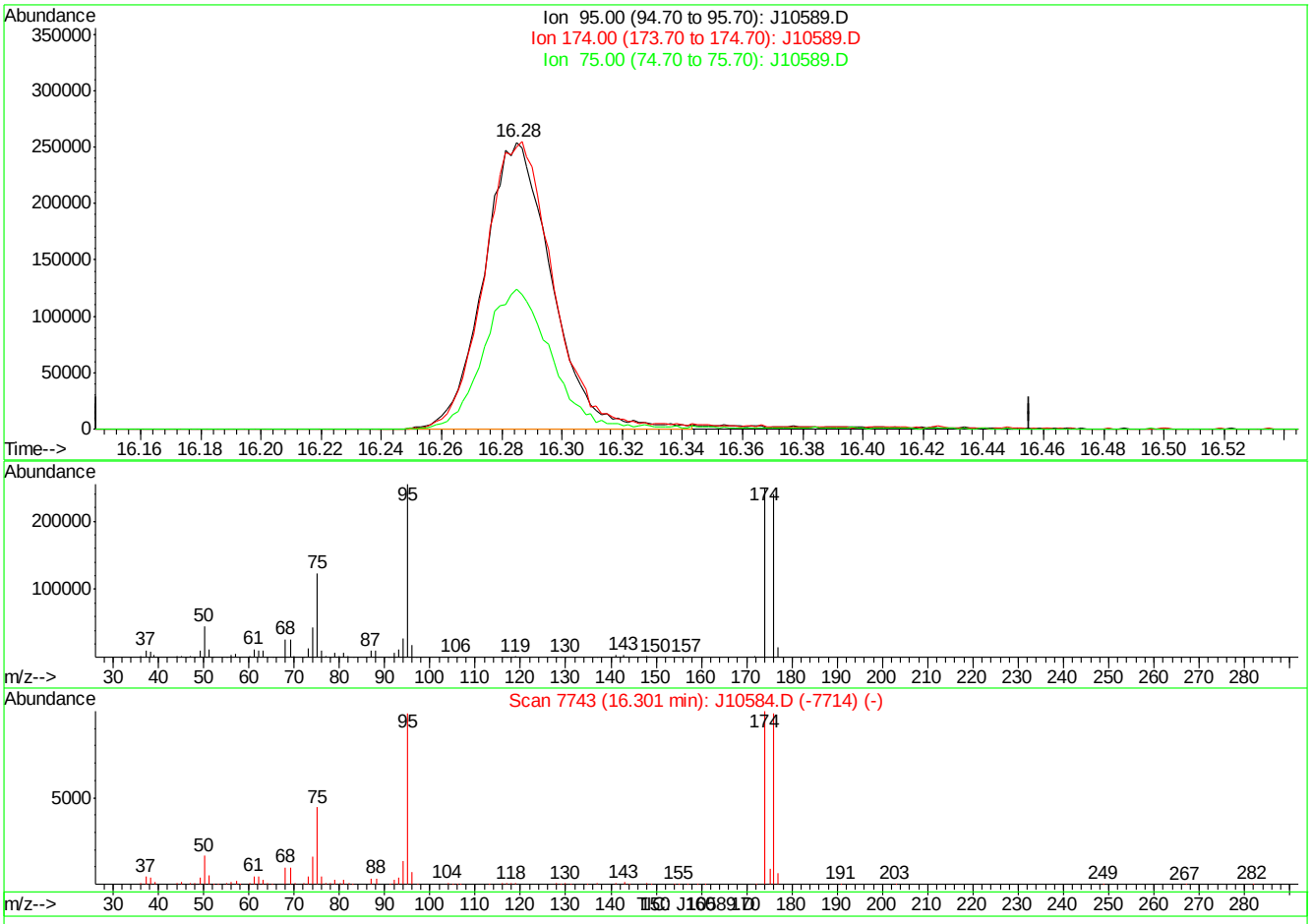
J10589.D J060707T.M Fri Jun 08 15:54:23 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10589.D Vial: 4
Acq On : 7 Jun 2007 6:41 pm Operator: danat
Sample : mb (m151) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 08 08:10:41 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:30:04 2007
Response via : Multiple Level Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.28min 4.88PPBV m

response 399751

Ion	Exp%	Act%
95.00	100	100
174.00	102.70	103.18
75.00	46.50	48.25
0.00	0.00	0.00

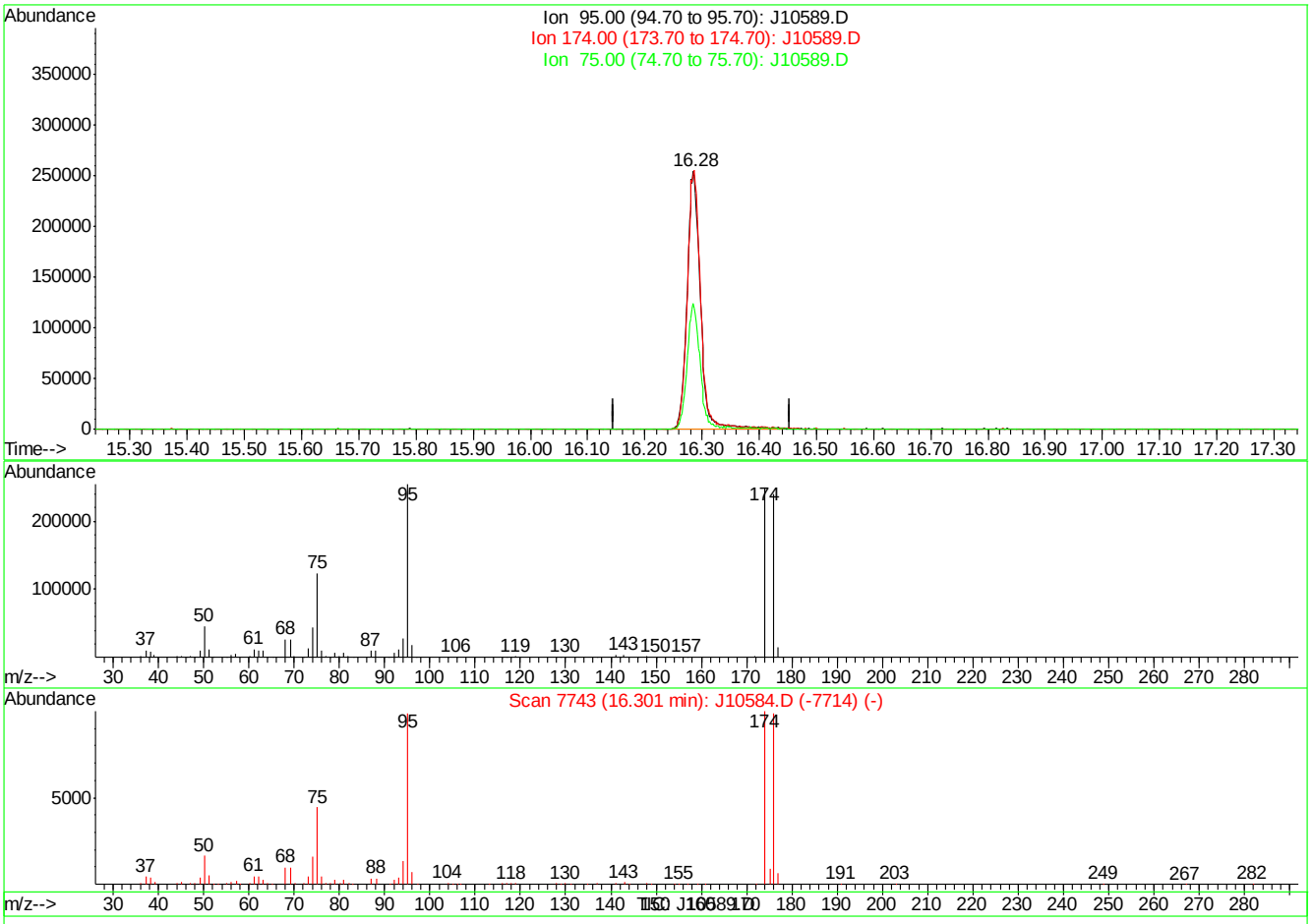
J10589.D J060707T.M Fri Jun 08 15:54:38 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10589.D Vial: 4
Acq On : 7 Jun 2007 6:41 pm Operator: danat
Sample : mb (m151) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 08 08:10:41 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:30:04 2007
Response via : Multiple Level Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.28min 5.01PPBV m

response 410657

Ion	Exp%	Act%
95.00	100	100
174.00	102.70	100.44
75.00	46.50	46.97
0.00	0.00	0.00

J10589.D J060707T.M Fri Jun 08 15:54:59 2007

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3722.D
Acq On : 14 Jun 2007 5:45 pm
Operator : PhilipB
Sample : MB (M097)
Misc : MS13754, MSQ201,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 14 18:11:15 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 17:36:13 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.438	128	46656	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.348	114	261655	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.694	117	251144	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.331	95	95932	4.21	PPBV	-0.01

Spiked Amount 5.000 Range 57 - 139 Recovery = 84.20%

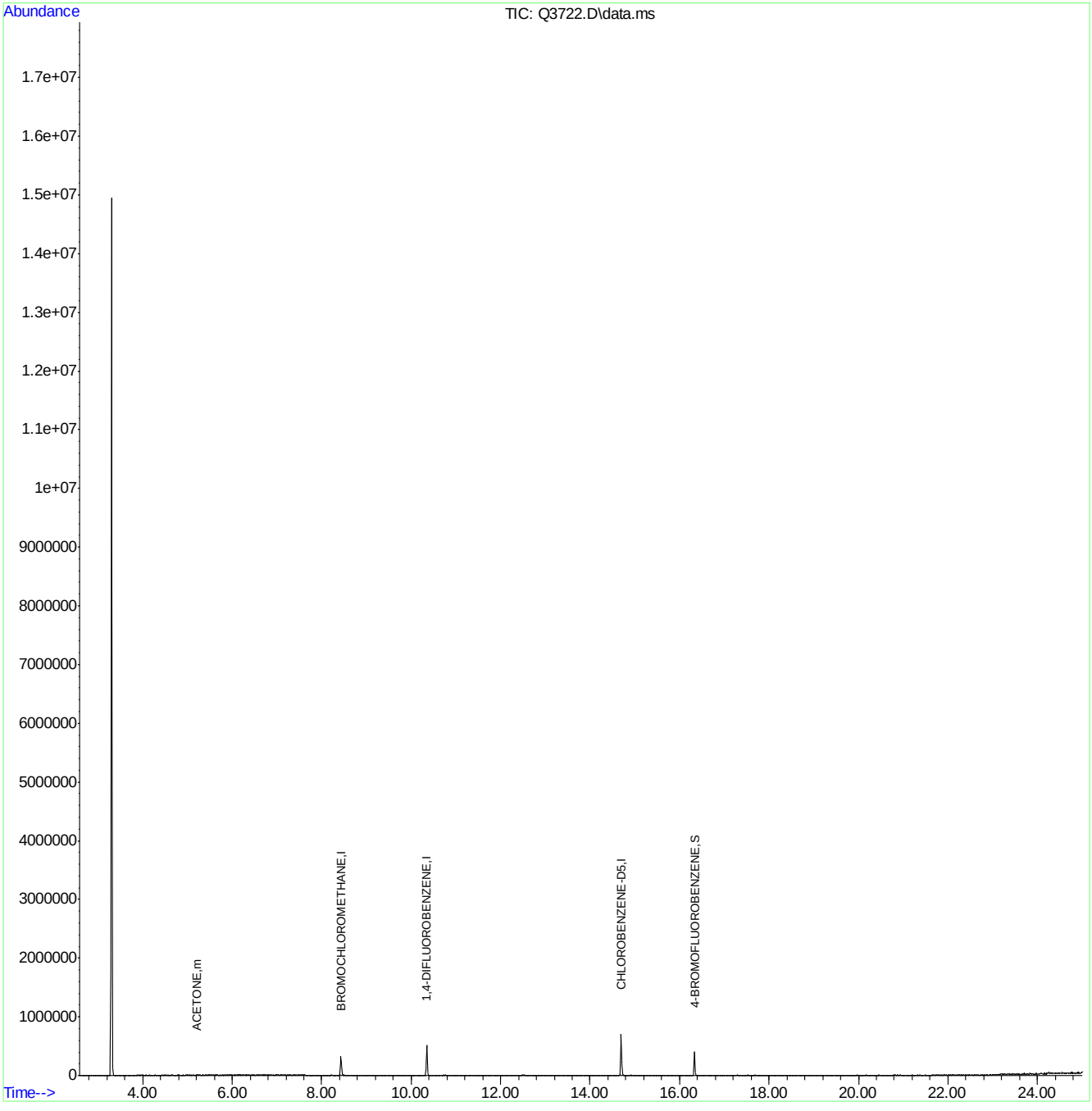
Target Compounds						Qvalue
12) ACETONE	5.220	43	4231	0.28	PPBV	89

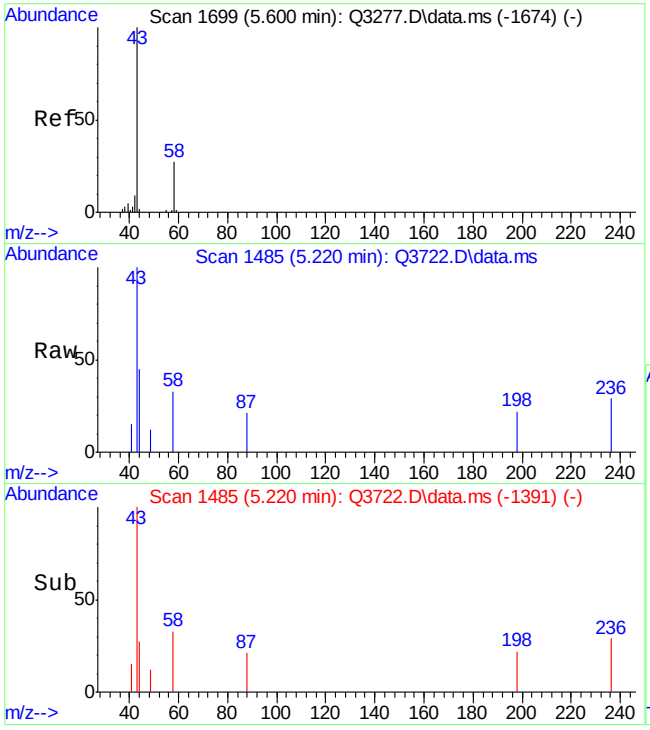
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3722.D
Acq On : 14 Jun 2007 5:45 pm
Operator : PhilipB
Sample : MB (M097)
Misc : MS13754, MSQ201,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 14 18:11:15 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 17:36:13 2007
Response via : Initial Calibration

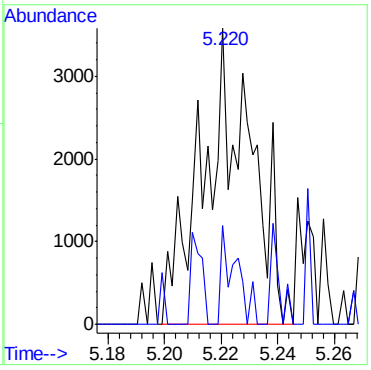




#12
ACETONE
Concen: 0.28 PPBV
RT: 5.220 min Scan# 1485
Delta R.T. 0.012 min
Lab File: Q3722.D
Acq: 14 Jun 2007 5:45 pm

Tgt Ion: 43 Resp: 4231

Ion	Ratio	Lower	Upper
43	100		
58	10.6	0.0	20.3



6.2.4

6

Manual Integrations
APPROVED
(compounds with "m" flag)
Doug Yargeau
06/29/07 09:54

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10794a.D
Acq On : 27 Jun 2007 12:22 pm
Operator : danat
Sample : bs (M080)
Misc : MS13762, MSJ558,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:39:03 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:15:12 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.60	128	448217	10.00	PPBV	-0.02
35) 1,4-DIFLUOROBENZENE	10.43	114	1993423	10.00	PPBV	-0.01
49) CHLOROBENZENE-D5	14.68	117	1807896	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.31	95	624288	5.47	PPBV	0.01

Spiked Amount 5.000 Range 51 - 142 Recovery = 109.40%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	1491765	9.35	PPBV	99
3) PROPYLENE	4.00	41	238327	10.15	PPBV	98
4) FREON 114	4.32	85	1230912	8.85	PPBV	100
5) CHLOROMETHANE	4.23	50	312870	9.06	PPBV	95
6) VINYL CHLORIDE	4.45	62	357327	9.02	PPBV	98
7) 1,3-BUTADIENE	4.58	39	269930	9.63	PPBV	96
8) BROMOMETHANE	4.85	94	415721	9.25	PPBV	99
9) CHLOROETHANE	5.01	64	171182	9.33	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.77	101	1493290	8.91	PPBV	100
11) ISOPROPYL ALCOHOL	6.02	45	421576m	8.30	PPBV	
12) ACETONE	5.65	43	446952	8.63	PPBV	98
13) PENTANE	6.11	42	345225	10.22	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.40	96	381027	8.91	PPBV	97
15) CARBON DISULFIDE	6.83	76	1127798	8.69	PPBV	99
16) ETHANOL	5.26	45	62506	7.85	PPBV #	45
17) BROMOETHENE	5.37	106	408197	9.41	PPBV	99
18) METHYLENE CHLORIDE	6.52	84	349073	8.04	PPBV	97
19) 3-CHLOROPROPENE	6.64	39	381514	11.29	PPBV	87
20) FREON 113	6.77	151	870601	8.30	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.43	96	373533	9.04	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.62	59	521794	9.34	PPBV #	1
23) METHYL TERTIARY BUTYL ETHE	7.72	73	781106	9.13	PPBV	98
24) TETRAHYDROFURAN	9.17	42	243275	9.37	PPBV	96
25) HEXANE	8.61	57	418843	8.06	PPBV	98
26) VINYL ACETATE	7.79	43	496151	8.70	PPBV	98
27) 1,1-DICHLOROETHANE	7.63	63	643174	8.92	PPBV	100
28) METHYL ETHYL KETONE	8.07	43	480650	8.86	PPBV	98
29) cis-1,2-DICHLOROETHYLENE	8.44	96	352749	8.96	PPBV	97
30) ETHYL ACETATE	8.69	43	520756	9.28	PPBV	97
31) CHLOROFORM	8.73	83	914440	9.04	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.67	97	1027535	8.77	PPBV	98
33) CARBON TETRACHLORIDE	10.24	117	1368375	9.43	PPBV	100
34) 1,2-DICHLOROETHANE	9.44	62	532235	9.13	PPBV	99
36) BENZENE	10.11	78	875028	9.38	PPBV	100
37) CYCLOHEXANE	10.35	84	441923	9.77	PPBV	99
38) TRICHLOROETHYLENE	11.11	95	513599	9.96	PPBV	99
39) 1,2-DICHLOROPROPANE	10.90	63	302573	9.58	PPBV	99
40) BROMODICHLOROMETHANE	11.09	83	858039	9.25	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.11	57	1502406	10.65	PPBV	98
42) 1,4-DIOXANE	11.19	88	160115	9.23	PPBV	91
43) HEPTANE	11.35	43	479897	10.77	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10794a.D
Acq On : 27 Jun 2007 12:22 pm
Operator : danat
Sample : bs (M080)
Misc : MS13762, MSJ558,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:39:03 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:15:12 2007
Response via : Initial Calibration

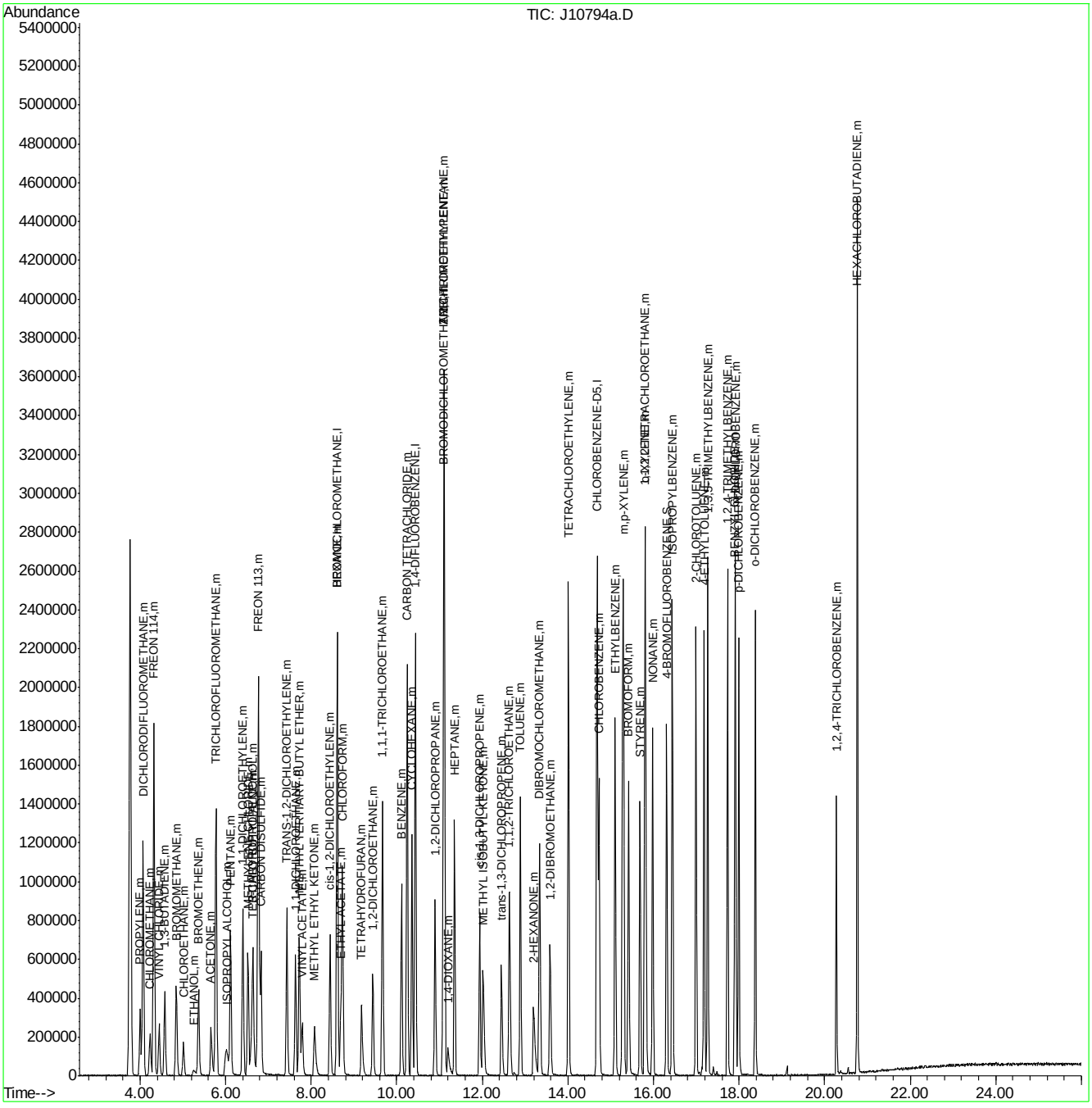
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	543429	9.62	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.94	75	467602	8.77	PPBV	98
46) TOLUENE	12.89	92	646811	10.45	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	377663	7.40	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.63	83	331583	9.72	PPBV	100
50) 2-HEXANONE	13.20	43	412930	9.48	PPBV	98
51) TETRACHLOROETHYLENE	14.01	164	599549	10.01	PPBV	99
52) DIBROMOCHLOROMETHANE	13.34	129	881504	9.85	PPBV	100
53) 1,2-DIBROMOETHANE	13.58	107	605353	10.19	PPBV	99
54) CHLOROBENZENE	14.73	112	975128	10.25	PPBV	99
55) ETHYLBENZENE	15.10	91	1494695	9.42	PPBV	99
56) m,p-XYLENE	15.29	106	1257977	19.06	PPBV	98
57) o-XYLENE	15.80	106	632636	9.50	PPBV	98
58) STYRENE	15.68	104	793216	8.79	PPBV	100
59) NONANE	15.98	43	679685	10.03	PPBV	99
60) BROMOFORM	15.42	173	907898	10.50	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.81	83	852879	11.14	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	1858669	9.75	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	1298453	9.79	PPBV	99
65) 4-ETHYLTOLUENE	17.18	105	1521114	8.79	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.27	105	1497022	9.45	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	1385029	9.47	PPBV	99
68) m-DICHLOROBENZENE	17.92	146	1012776	9.60	PPBV	100
69) BENZYL CHLORIDE	17.90	91	745817	9.22	PPBV	100
70) p-DICHLOROBENZENE	17.99	146	932970	9.35	PPBV	99
71) o-DICHLOROBENZENE	18.38	146	921354	9.93	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	747153	13.49	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.28	180	372516	10.59	PPBV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10794a.D
Acq On : 27 Jun 2007 12:22 pm
Operator : danat
Sample : bs (M080)
Misc : MS13762, MSJ558,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:39:03 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:15:12 2007
Response via : Initial Calibration

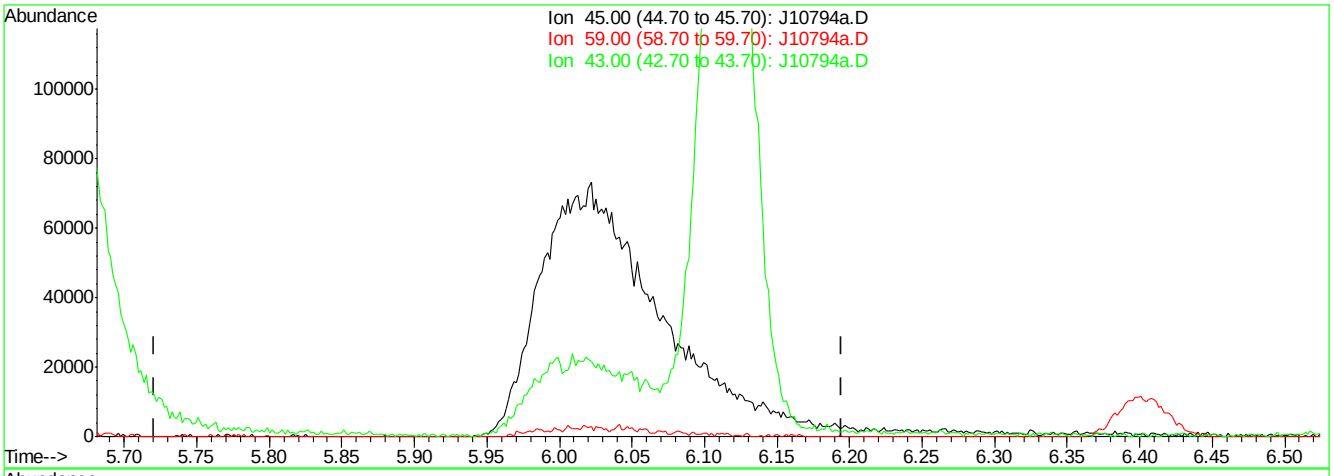


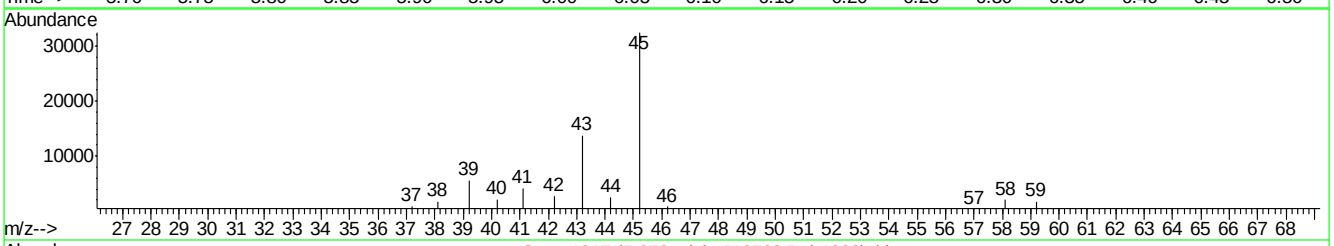
Quantitation Report (Qedit)

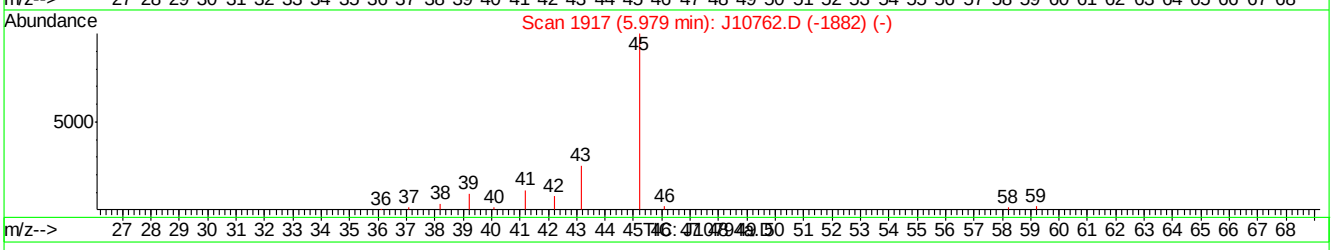
Data File : C:\MSDCHEM\1\DATA\J10794a.D Vial: 1
Acq On : 27 Jun 2007 12:22 pm Operator: danat
Sample : CC557-10 (M080) Inst : MSJ
Misc : MS13762, MSJ558,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 27 13:32:31 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:15:12 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

5.98min 0.00PPBV

response 0

Ion	Exp%	Act%
45.00	100	0.00
59.00	2.20	0.00
43.00	25.50	0.00#
0.00	0.00	0.00

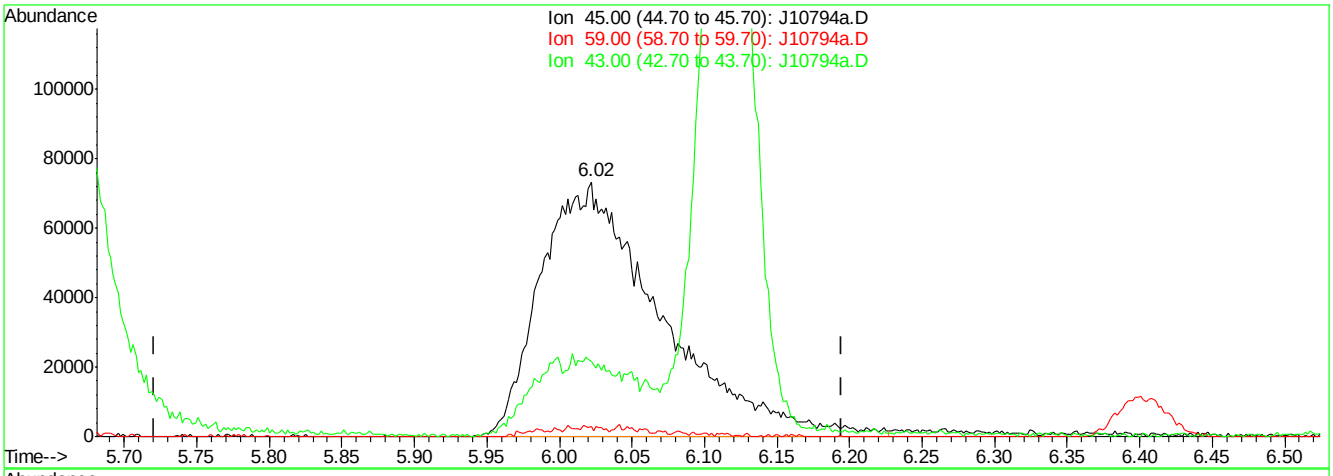
J10794a.D J062507T.M Wed Jun 27 13:38:53 2007

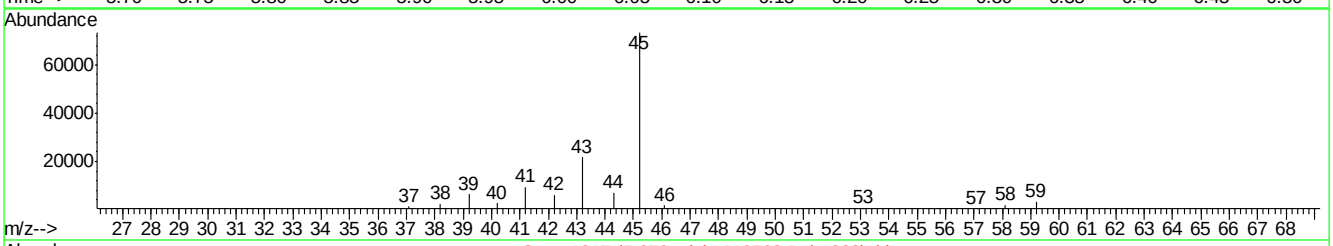
Quantitation Report (Qedit)

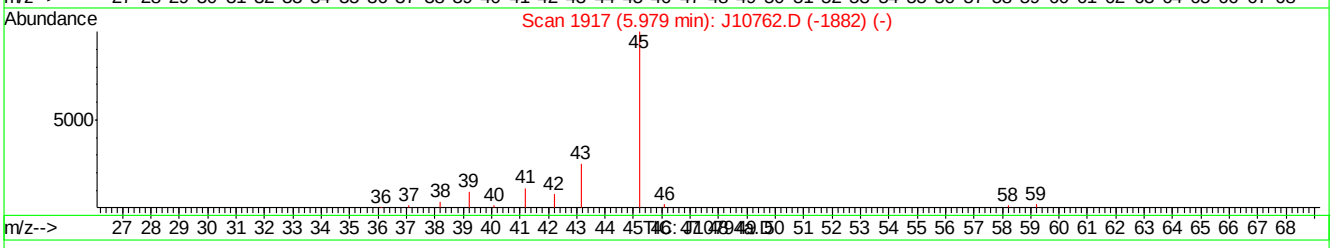
Data File : C:\MSDCHEM\1\DATA\J10794a.D Vial: 1
Acq On : 27 Jun 2007 12:22 pm Operator: danat
Sample : CC557-10 (M080) Inst : MSJ
Misc : MS13762, MSJ558,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 27 13:32:31 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:15:12 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.02min 8.30PPBV m

response 421576

Ion	Exp%	Act%
45.00	100	100
59.00	2.20	4.07
43.00	25.50	29.59
0.00	0.00	0.00

J10794a.D J062507T.M Wed Jun 27 13:38:59 2007

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
07/02/07 16:01

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3837A.D
Acq On : 28 Jun 2007 12:44 pm
Operator : PhilipB
Sample : BS (M080)
Misc : MS13820, MSQ206,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 28 13:52:17 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 28 13:49:55 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	118185	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.463	114	588820	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.708	117	500723	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.327	95	216261	5.58	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 111.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.037	85	567020	9.78	PPBV	97
3) PROPYLENE	3.964	41	194895	10.04	PPBV	95
4) FREON 114	4.298	85	543696	10.77	PPBV	86
5) CHLOROMETHANE	4.196	50	256886	10.32	PPBV	98
6) VINYL CHLORIDE	4.424	62	221629	10.41	PPBV	97
7) 1,3-BUTADIENE	4.560	39	193254	10.39	PPBV	86
8) BROMOMETHANE	4.834	94	177598	10.82	PPBV	99
9) CHLOROETHANE	5.009	64	89744	10.86	PPBV	91
10) TRICHLOROFLUOROMETHANE	5.790	101	493894	10.46	PPBV	99
11) ISOPROPYL ALCOHOL	5.826	45	325950	9.10	PPBV	100
12) ACETONE	5.598	43	307302	10.14	PPBV	94
13) PENTANE	6.143	42	231237	9.49	PPBV	91
14) 1,1-DICHLOROETHYLENE	6.429	96	146419	9.93	PPBV #	76
15) CARBON DISULFIDE	6.859	76	409605	9.49	PPBV	83
16) ETHANOL	5.098	45	65326	9.41	PPBV	84
17) BROMOETHENE	5.364	106	149518	10.00	PPBV #	97
18) METHYLENE CHLORIDE	6.537	84	216810	16.26	PPBV	49
19) 3-CHLOROPROPENE	6.658	39	165608	10.59	PPBV	90
20) FREON 113	6.796	151	200045	9.20	PPBV #	70
21) TRANS-1,2-DICHLOROETHY...	7.471	96	120360	9.21	PPBV #	70
22) TERTIARY BUTYL ALCOHOL	6.431	59	361377	9.40	PPBV	87
23) METHYL TERTIARY BUTYL ...	7.712	73	282413	9.04	PPBV	81
24) TETRAHYDROFURAN	9.144	42	174198	9.60	PPBV	95
25) HEXANE	8.669	57	307534	10.02	PPBV	93
26) VINYL ACETATE	7.789	43	360335	10.52	PPBV	92
27) 1,1-DICHLOROETHANE	7.666	63	326522	10.17	PPBV	97
28) METHYL ETHYL KETONE	8.035	43	345214	9.72	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.470	96	122109	9.49	PPBV	96
30) ETHYL ACETATE	8.667	43	613450	9.79	PPBV	99
31) CHLOROFORM	8.756	83	332223	9.55	PPBV	95
32) 1,1,1-TRICHLOROETHANE	9.711	97	284041	10.04	PPBV	92
33) CARBON TETRACHLORIDE	10.293	117	304545	9.66	PPBV	98
34) 1,2-DICHLOROETHANE	9.464	62	208804	10.54	PPBV	100
36) BENZENE	10.149	78	328555	8.72	PPBV	99
37) CYCLOHEXANE	10.413	84	146299	8.35	PPBV	90
38) TRICHLOROETHYLENE	11.148	95	167335	8.98	PPBV	89
39) 1,2-DICHLOROPROPANE	10.926	63	158500	8.94	PPBV	93
40) BROMODICHLOROMETHANE	11.107	83	285441	9.49	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.169	57	866836	9.14	PPBV #	94
42) 1,4-DIOXANE	11.139	88	59020	9.24	PPBV #	60
43) HEPTANE	11.409	43	343007	9.41	PPBV	88

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3837A.D
Acq On : 28 Jun 2007 12:44 pm
Operator : PhilipB
Sample : BS (M080)
Misc : MS13820, MSQ206,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 28 13:52:17 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 28 13:49:55 2007
Response via : Initial Calibration

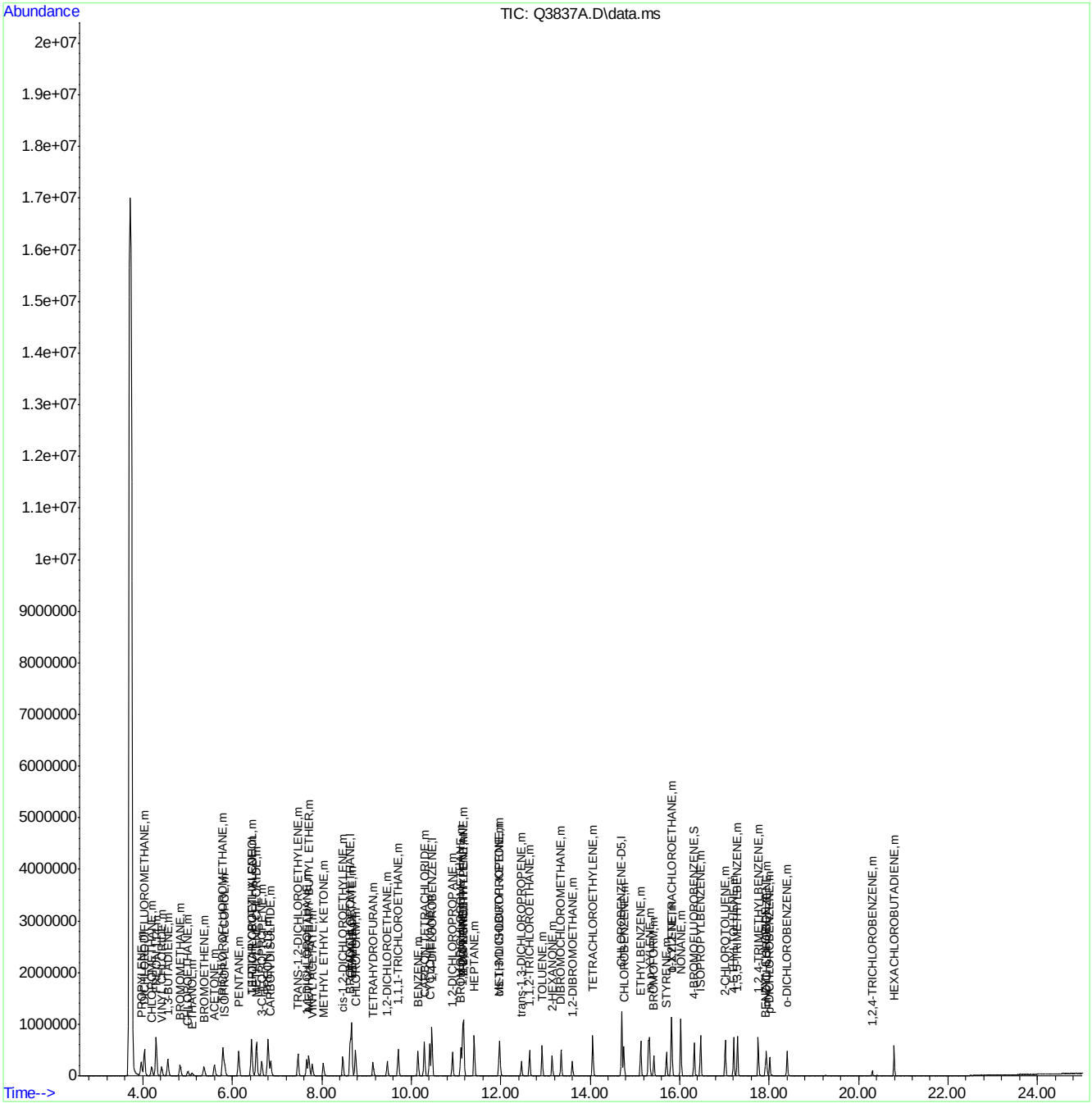
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.981	43	409454	9.95	PPBV	89
45) cis-1,3-DICHLOROPROPENE	11.965	75	156811	9.44	PPBV	84
46) TOLUENE	12.926	92	190733	8.06	PPBV	97
47) trans-1,3-DICHLOROPROPENE	12.461	75	117546	9.51	PPBV	91
48) 1,1,2-TRICHLOROETHANE	12.648	83	122121	8.91	PPBV	91
50) 2-HEXANONE	13.150	43	292913	10.06	PPBV	90
51) TETRACHLOROETHYLENE	14.057	164	103536	7.90	PPBV	87
52) DIBROMOCHLOROMETHANE	13.354	129	206286	8.83	PPBV	99
53) 1,2-DIBROMOETHANE	13.601	107	164321	8.94	PPBV	99
54) CHLOROBENZENE	14.751	112	223593	8.57	PPBV	92
55) ETHYLBENZENE	15.131	91	420250	9.05	PPBV	97
56) m,p-XYLENE	15.330	106	314097m	18.03	PPBV	
57) o-XYLENE	15.826	106	162873	9.07	PPBV	95
58) STYRENE	15.706	104	169370	7.80	PPBV	98
59) NONANE	16.027	43	450971	9.65	PPBV	90
60) BROMOFORM	15.424	173	135628	8.81	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.814	83	309155	8.57	PPBV	98
63) ISOPROPYLBENZENE	16.469	105	444130	8.72	PPBV #	100
64) 2-CHLOROTOLUENE	17.021	91	329305	9.25	PPBV	94
65) 4-ETHYLTOLUENE	17.209	105	374763	9.57	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.294	105	354688	8.78	PPBV	97
67) 1,2,4-TRIMETHYLBENZENE	17.757	105	334768	9.65	PPBV	97
68) m-DICHLOROBENZENE	17.940	146	125912	9.39	PPBV	95
69) BENZYL CHLORIDE	17.917	91	120951	8.63	PPBV	94
70) p-DICHLOROBENZENE	18.017	146	104710	8.92	PPBV	99
71) o-DICHLOROBENZENE	18.403	146	134653	9.31	PPBV	95
72) HEXACHLOROBUTADIENE	20.798	225	41602	7.01	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.308	180	15623	7.69	PPBV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3837A.D
Acq On : 28 Jun 2007 12:44 pm
Operator : PhilipB
Sample : BS (M080)
Misc : MS13820, MSQ206,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 28 13:52:17 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 28 13:49:55 2007
Response via : Initial Calibration

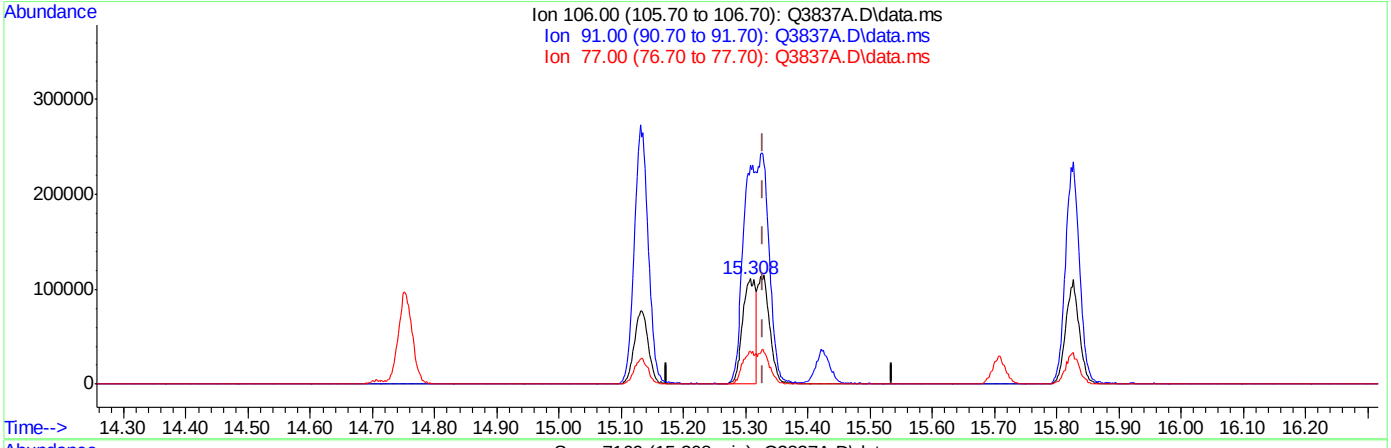


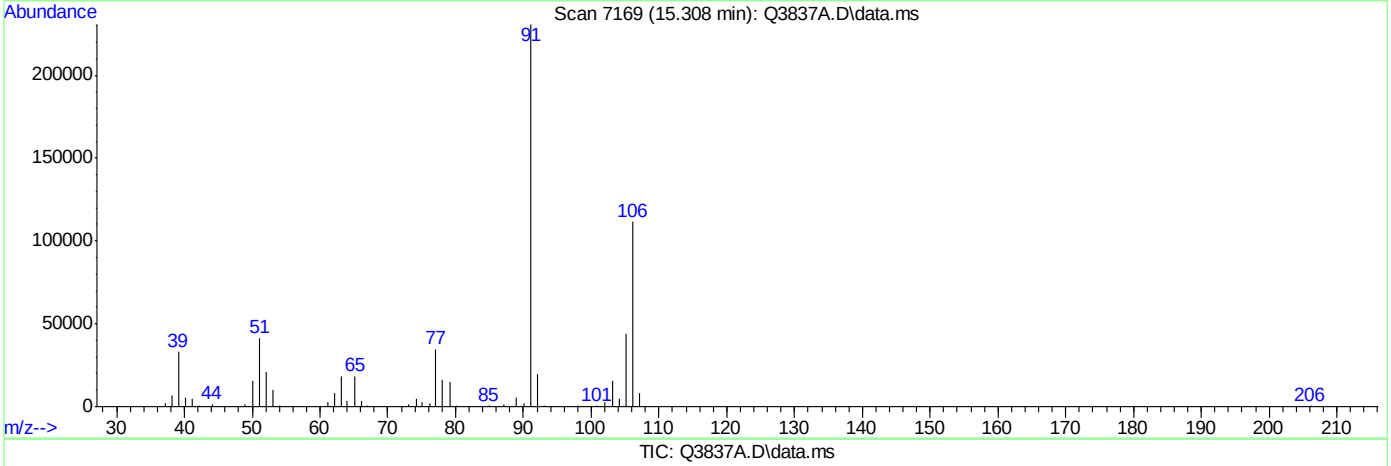
ACCUTEST Laboratories
M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3837A.D
Acq On : 28 Jun 2007 12:44 pm
Operator : PhilipB
Sample : BS (M080)
Misc : MS13820, MSQ206,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 28 13:52:08 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 28 13:49:55 2007
Response via : Initial Calibration





TIC: Q3837A.D\data.ms

(56) m,p-XYLENE (m)

15.308min (-0.021) 9.25PPBV

response 161149

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	207.20
77.00	27.30	31.03
0.00	0.00	0.00

ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3837A.D
Acq On    : 28 Jun 2007  12:44 pm
Operator  : PhilipB
Sample    : BS (M080)
Misc      : MS13820, MSQ206,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Jun 28 13:52:08 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 28 13:49:55 2007
Response via : Initial Calibration
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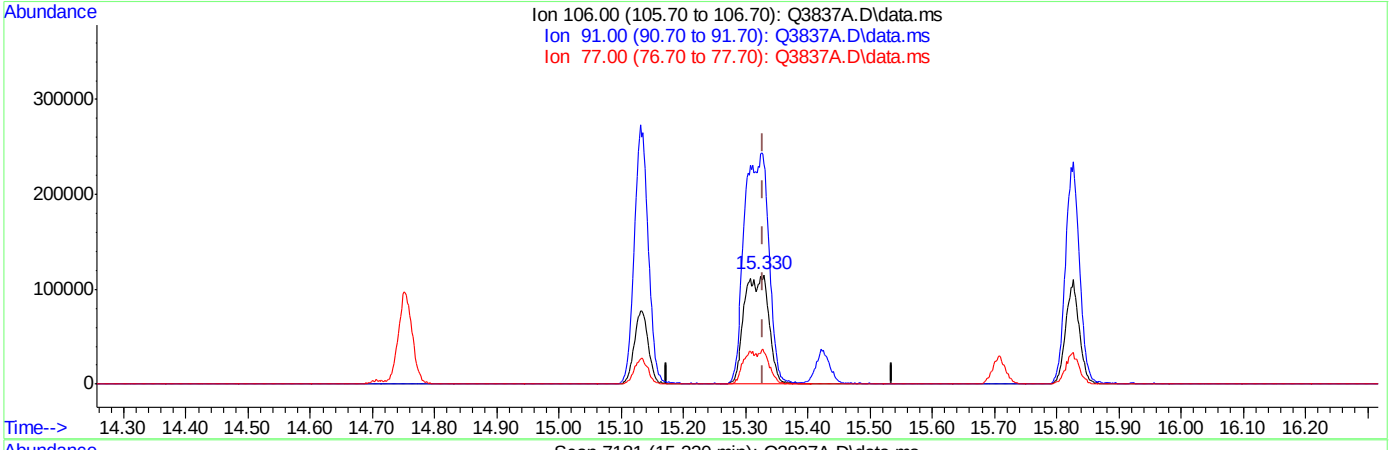
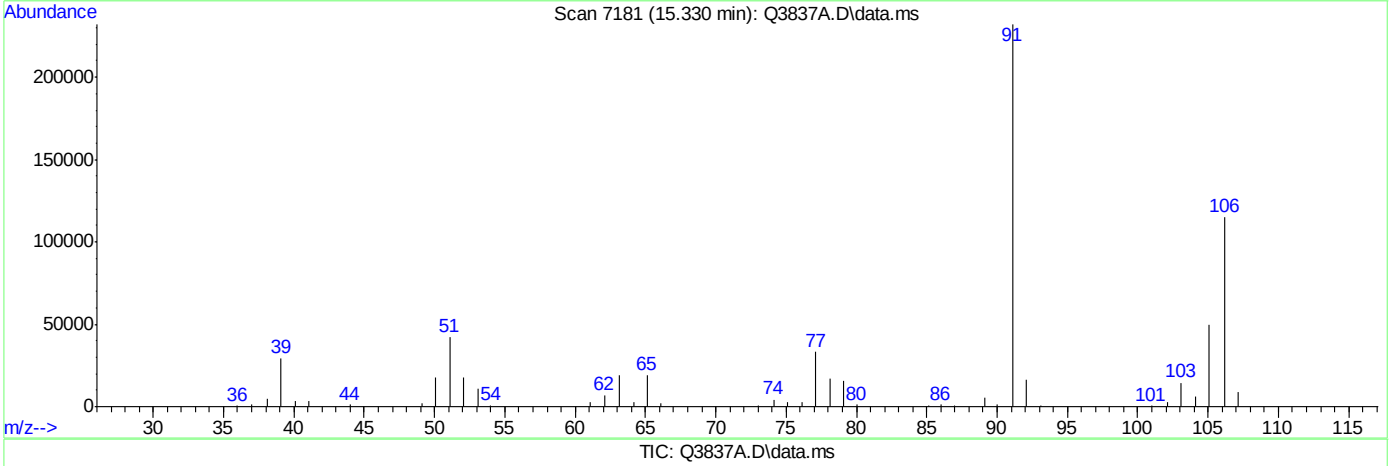




TIC: Q3837A.D\data.ms

(56) m,p-XYLENE (m)

15.330min (+0.001) 18.03PPBV m

response 314097

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	201.44
77.00	27.30	28.76
0.00	0.00	0.00

ACCUTEST Laboratories M65803

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10587b.D
Acq On : 7 Jun 2007 4:48 pm
Operator : danat
Sample : bs (m179)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 08 14:25:38 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	350642	10.00	PPBV	0.01
35) 1,4-DIFLUOROBENZENE	10.45	114	1587599	10.00	PPBV	0.01
49) CHLOROBENZENE-D5	14.68	117	1421456	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.30	95	450609	5.22	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 104.40%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.08	85	1426547	11.64	PPBV	99
3) PROPYLENE	4.01	41	248562	11.66	PPBV	99
4) FREON 114	4.34	85	1259333	11.15	PPBV	97
5) CHLOROMETHANE	4.25	50	333857	11.29	PPBV	95
6) VINYL CHLORIDE	4.46	62	402842	11.60	PPBV	98
7) 1,3-BUTADIENE	4.59	39	257681	10.90	PPBV	95
8) BROMOMETHANE	4.87	94	471517	11.91	PPBV	99
9) CHLOROETHANE	5.04	64	178112	11.18	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.80	101	1379319	10.95	PPBV	100
11) ISOPROPYL ALCOHOL	6.00	45	454536	11.29	PPBV	96
12) ACETONE	5.68	43	394366	8.30	PPBV	98
13) PENTANE	6.15	42	315604	10.68	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.43	96	419509	11.35	PPBV	93
15) CARBON DISULFIDE	6.86	76	1189650	10.69	PPBV	98
16) ETHANOL	5.25	45	76176	10.32	PPBV	94
17) BROMOETHENE	5.39	106	463711	12.45	PPBV	99
18) METHYLENE CHLORIDE	6.56	84	381515	9.44	PPBV	95
19) 3-CHLOROPROPENE	6.67	39	269309	10.78	PPBV	98
20) FREON 113	6.80	151	859659	10.53	PPBV	97
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	394964	11.11	PPBV	96
22) TERTIARY BUTYL ALCOHOL	6.61	59	624900	9.47	PPBV	91
23) METHYL TERTIARY BUTYL ETHE	7.75	73	812344	10.97	PPBV	98
24) TETRAHYDROFURAN	9.20	42	245395	10.14	PPBV	99
25) HEXANE	8.64	57	418623	9.68	PPBV	96
26) VINYL ACETATE	7.81	43	480449	10.18	PPBV	98
27) 1,1-DICHLOROETHANE	7.67	63	611703	10.33	PPBV	100
28) METHYL ETHYL KETONE	8.09	43	460474	10.86	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.47	96	372588	10.74	PPBV	98
30) ETHYL ACETATE	8.71	43	474514	10.35	PPBV	100
31) CHLOROFORM	8.76	83	828580	9.93	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.69	97	929020	10.21	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	1176378	10.96	PPBV	99
34) 1,2-DICHLOROETHANE	9.46	62	461884	9.95	PPBV	99
36) BENZENE	10.13	78	886567	10.13	PPBV	99
37) CYCLOHEXANE	10.38	84	459986	11.63	PPBV	97
38) TRICHLOROETHYLENE	11.12	95	469670	10.22	PPBV	98
39) 1,2-DICHLOROPROPANE	10.91	63	296199	9.88	PPBV	99
40) BROMODICHLOROMETHANE	11.10	83	756495	9.67	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.13	57	1422990	11.12	PPBV	99
42) 1,4-DIOXANE	11.20	88	186147	9.91	PPBV	90
43) HEPTANE	11.37	43	435119	10.31	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10587b.D
Acq On : 7 Jun 2007 4:48 pm
Operator : danat
Sample : bs (m179)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 08 14:25:38 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration

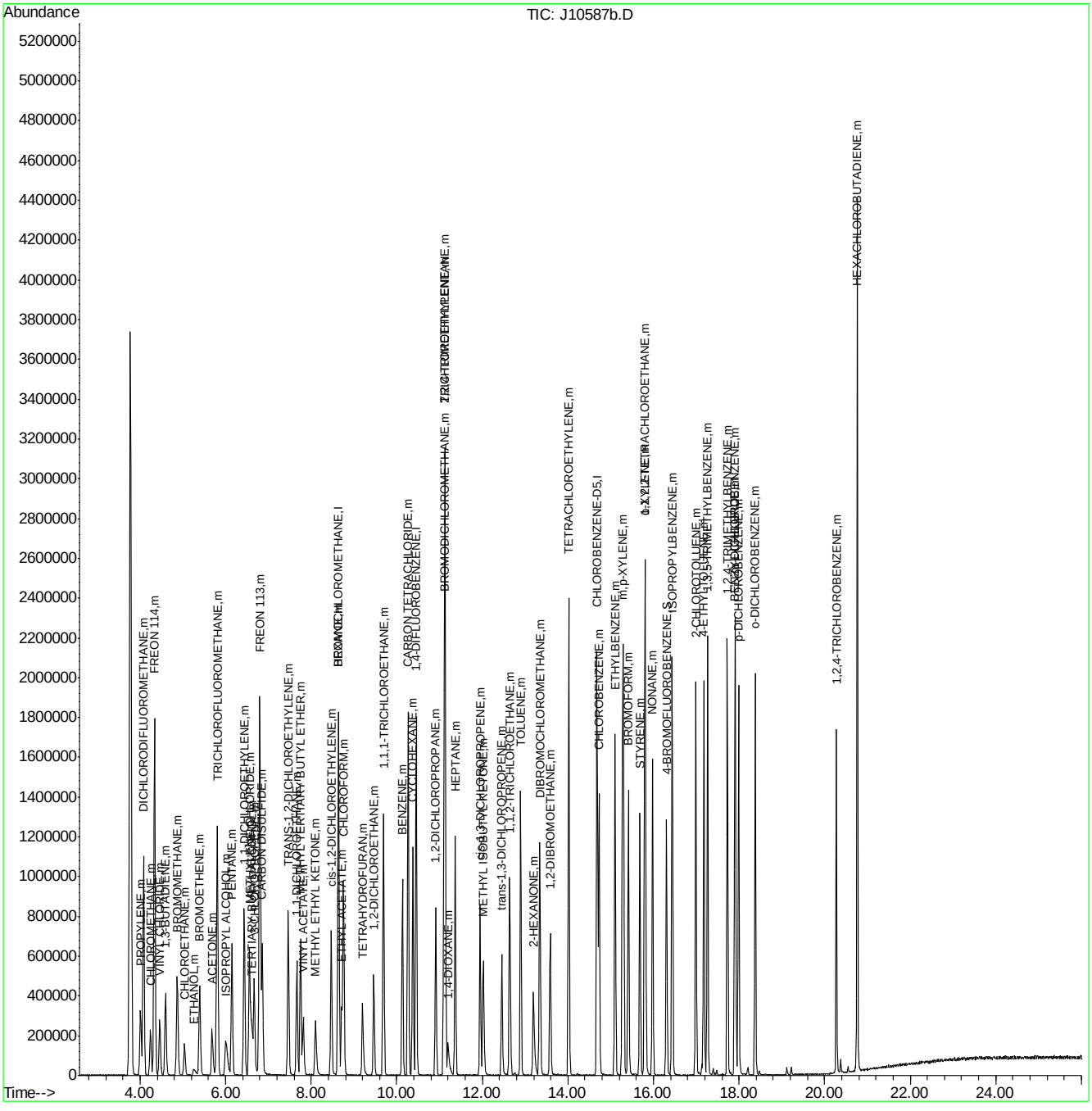
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.02	43	512900	8.29	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.95	75	483552	8.84	PPBV	97
46) TOLUENE	12.90	92	622578	8.27	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	382630	8.28	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.64	83	320127	10.09	PPBV	99
50) 2-HEXANONE	13.20	43	446755	8.77	PPBV	97
51) TETRACHLOROETHYLENE	14.02	164	583651	10.44	PPBV	99
52) DIBROMOCHLOROMETHANE	13.34	129	800412	10.21	PPBV	100
53) 1,2-DIBROMOETHANE	13.59	107	597096	8.57	PPBV	99
54) CHLOROBENZENE	14.73	112	892341	10.47	PPBV	100
55) ETHYLBENZENE	15.10	91	1366588	8.36	PPBV	100
56) m,p-XYLENE	15.29	106	1118411	16.94	PPBV	98
57) o-XYLENE	15.80	106	555234	8.23	PPBV	99
58) STYRENE	15.68	104	738273	9.16	PPBV	99
59) NONANE	15.98	43	568795	8.51	PPBV	99
60) BROMOFORM	15.41	173	807903	8.05	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.81	83	756785	9.86	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	1634872	8.38	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	1131519	8.22	PPBV	99
65) 4-ETHYLTOLUENE	17.18	105	1329590	7.49	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1280436	7.82	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	1200134	7.77	PPBV	100
68) m-DICHLOROBENZENE	17.91	146	872483	7.75	PPBV	100
69) BENZYL CHLORIDE	17.90	91	727079	9.05	PPBV	100
70) p-DICHLOROBENZENE	17.99	146	834408	7.85	PPBV	100
71) o-DICHLOROBENZENE	18.38	146	845184	8.03	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	750052	11.95	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	469259	12.03	PPBV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10587b.D
Acq On : 7 Jun 2007 4:48 pm
Operator : danat
Sample : bs (m179)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 08 14:25:38 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration



ACCUTEST Laboratories M65803

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
06/15/07 16:35

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3721A.D
Acq On : 14 Jun 2007 5:04 pm
Operator : PhilipB
Sample : BS (M057)
Misc : MS13754, MSQ201,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 14 17:37:51 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 17:36:13 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.435	128	50585	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.350	114	256387	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	220485	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.331	95	115387	5.77	PPBV	-0.01

Spiked Amount 5.000 Range 57 - 139 Recovery = 115.40%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.611	85	545572	11.88	PPBV	85
3) PROPYLENE	3.542	41	78233	12.89	PPBV	96
4) FREON 114	3.877	85	342962	9.05	PPBV #	100
5) CHLOROMETHANE	3.781	50	75321	11.02	PPBV	95
6) VINYL CHLORIDE	3.999	62	91526	10.30	PPBV	79
7) 1,3-BUTADIENE	4.141	39	76756	9.89	PPBV #	100
8) BROMOMETHANE	4.418	94	71810	7.41	PPBV #	100
9) CHLOROETHANE	4.592	64	29247	8.46	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.409	101	389856	8.61	PPBV #	100
11) ISOPROPYL ALCOHOL	5.474	45	100363	8.32	PPBV	92
12) ACETONE	5.206	43	126951	7.83	PPBV	82
13) PENTANE	5.787	42	55561	8.13	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.087	96	71325	7.73	PPBV #	1
15) CARBON DISULFIDE	6.537	76	248254	10.15	PPBV #	42
16) ETHANOL	4.704	45	17965	7.84	PPBV	100
17) BROMOETHENE	4.963	106	61330	8.09	PPBV #	100
18) METHYLENE CHLORIDE	6.214	84	100315	10.48	PPBV #	1
19) 3-CHLOROPROPENE	6.333	39	123774	9.97	PPBV #	22
20) FREON 113	6.484	151	161637	10.12	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.196	96	86916	9.57	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.110	59	189563	10.33	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.453	73	265544	9.85	PPBV #	100
24) TETRAHYDROFURAN	8.969	42	64223	11.16	PPBV #	100
25) HEXANE	8.468	57	88377	10.10	PPBV #	100
26) VINYL ACETATE	7.544	43	189217	11.07	PPBV	84
27) 1,1-DICHLOROETHANE	7.407	63	200596	9.80	PPBV #	100
28) METHYL ETHYL KETONE	7.805	43	134401	11.79	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.262	96	65109	11.71	PPBV #	100
30) ETHYL ACETATE	8.474	43	232411	10.80	PPBV	100
31) CHLOROFORM	8.562	83	234162	9.34	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.562	97	241307	8.55	PPBV	93
33) CARBON TETRACHLORIDE	10.163	117	274439	9.33	PPBV	90
34) 1,2-DICHLOROETHANE	9.304	62	157870	9.20	PPBV	94
36) BENZENE	10.018	78	215384	12.70	PPBV	95
37) CYCLOHEXANE	10.289	84	67635	12.18	PPBV	87
38) TRICHLOROETHYLENE	11.054	95	110522	11.36	PPBV #	76
39) 1,2-DICHLOROPROPANE	10.822	63	79756	10.89	PPBV #	77
40) BROMODICHLOROMETHANE	11.022	83	243971	10.48	PPBV	96
41) 2,2,4-TRIMETHYLPENTANE	11.081	57	305783	10.84	PPBV	93
42) 1,4-DIOXANE	11.038	88	39391	10.97	PPBV	79
43) HEPTANE	11.328	43	111761	12.22	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3721A.D
Acq On : 14 Jun 2007 5:04 pm
Operator : PhilipB
Sample : BS (M057)
Misc : MS13754, MSQ201,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 14 17:37:51 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 17:36:13 2007
Response via : Initial Calibration

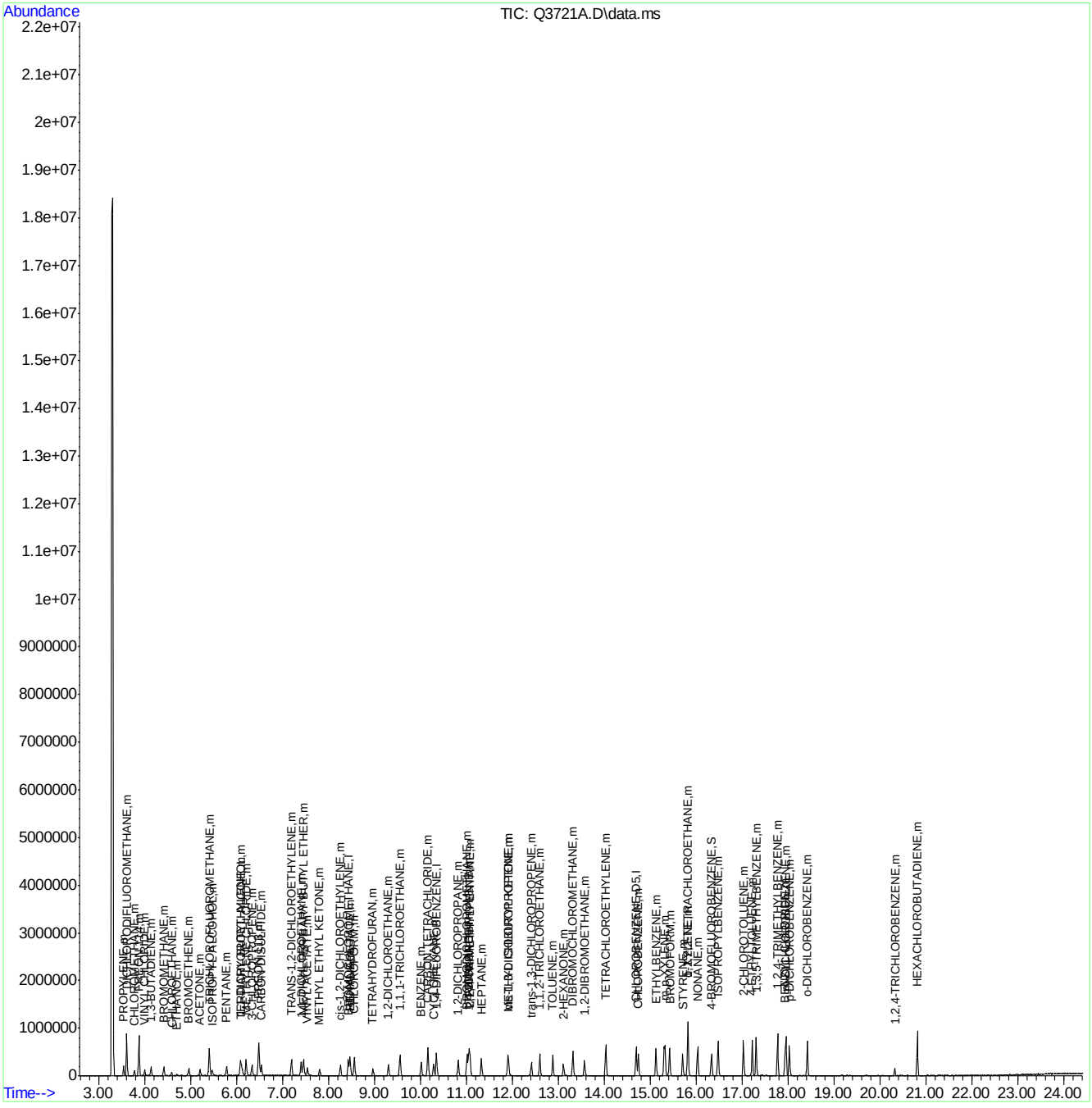
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.922	43	180020	12.92	PPBV		96
45) cis-1,3-DICHLOROPROPENE	11.904	75	138872	12.76	PPBV		90
46) TOLUENE	12.880	92	144851	12.24	PPBV		92
47) trans-1,3-DICHLOROPROPENE	12.415	75	119735	10.26	PPBV	#	98
48) 1,1,2-TRICHLOROETHANE	12.595	83	94674	11.73	PPBV	#	88
50) 2-HEXANONE	13.113	43	152433	12.40	PPBV		99
51) TETRACHLOROETHYLENE	14.038	164	76773	10.92	PPBV		90
52) DIBROMOCHLOROMETHANE	13.319	129	195424	11.33	PPBV		99
53) 1,2-DIBROMOETHANE	13.571	107	150980	10.86	PPBV		98
54) CHLOROBENZENE	14.737	112	169050	10.03	PPBV	#	81
55) ETHYLBENZENE	15.126	91	332765	12.32	PPBV		93
56) m,p-XYLENE	15.326	106	246223m	23.94	PPBV		
57) o-XYLENE	15.830	106	125036	11.38	PPBV		88
58) STYRENE	15.708	104	160447	12.31	PPBV		91
59) NONANE	16.032	43	198625	12.14	PPBV		95
60) BROMOFORM	15.424	173	177045	11.27	PPBV		96
62) 1,1,2,2-TETRACHLOROETHANE	15.821	83	241048	11.15	PPBV		94
63) ISOPROPYLBENZENE	16.478	105	396650	12.63	PPBV		92
64) 2-CHLOROTOLUENE	17.030	91	326858	11.95	PPBV		84
65) 4-ETHYLTOLUENE	17.218	105	355222	11.98	PPBV		95
66) 1,3,5-TRIMETHYLBENZENE	17.307	105	361727	12.83	PPBV		92
67) 1,2,4-TRIMETHYLBENZENE	17.770	105	389277	11.07	PPBV		92
68) m-DICHLOROBENZENE	17.954	146	211747	9.89	PPBV		96
69) BENZYL CHLORIDE	17.933	91	260989	10.61	PPBV		92
70) p-DICHLOROBENZENE	18.029	146	158497	8.58	PPBV		94
71) o-DICHLOROBENZENE	18.421	146	186786	10.80	PPBV		94
72) HEXACHLOROBUTADIENE	20.812	225	87824	11.67	PPBV		96
73) 1,2,4-TRICHLOROBENZENE	20.320	180	24028	9.18	PPBV		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3721A.D
Acq On : 14 Jun 2007 5:04 pm
Operator : PhilipB
Sample : BS (M057)
Misc : MS13754, MSQ201,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 14 17:37:51 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 17:36:13 2007
Response via : Initial Calibration

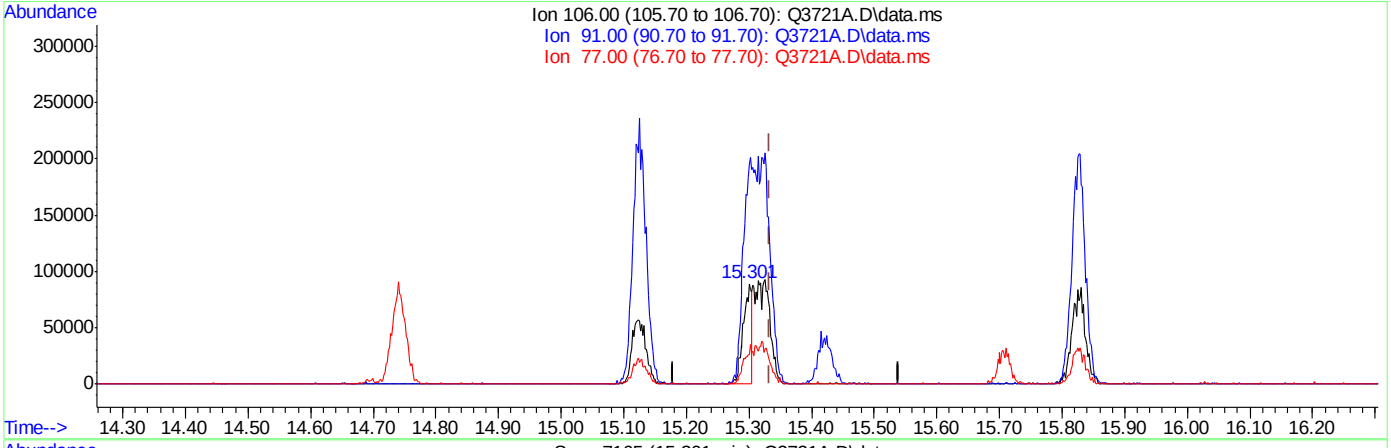


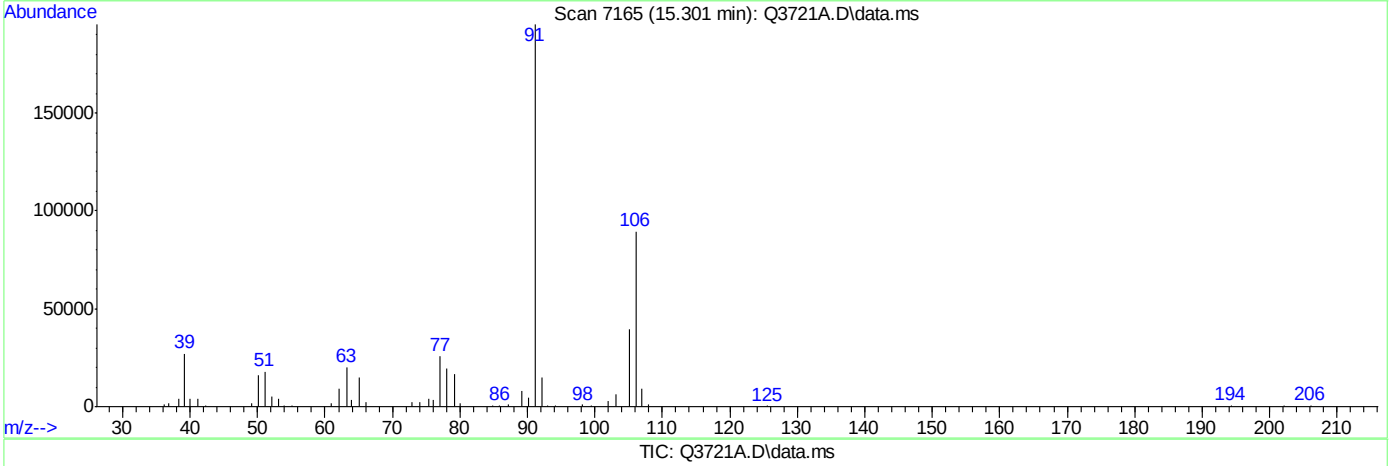
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3721A.D
Acq On : 14 Jun 2007 5:04 pm
Operator : PhilipB
Sample : BS (M057)
Misc : MS13754, MSQ201,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 14 17:37:30 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 17:36:13 2007
Response via : Initial Calibration





TIC: Q3721A.D\data.ms

(56) m,p-XYLENE (m)

15.301min (-0.033) 8.21PPBV

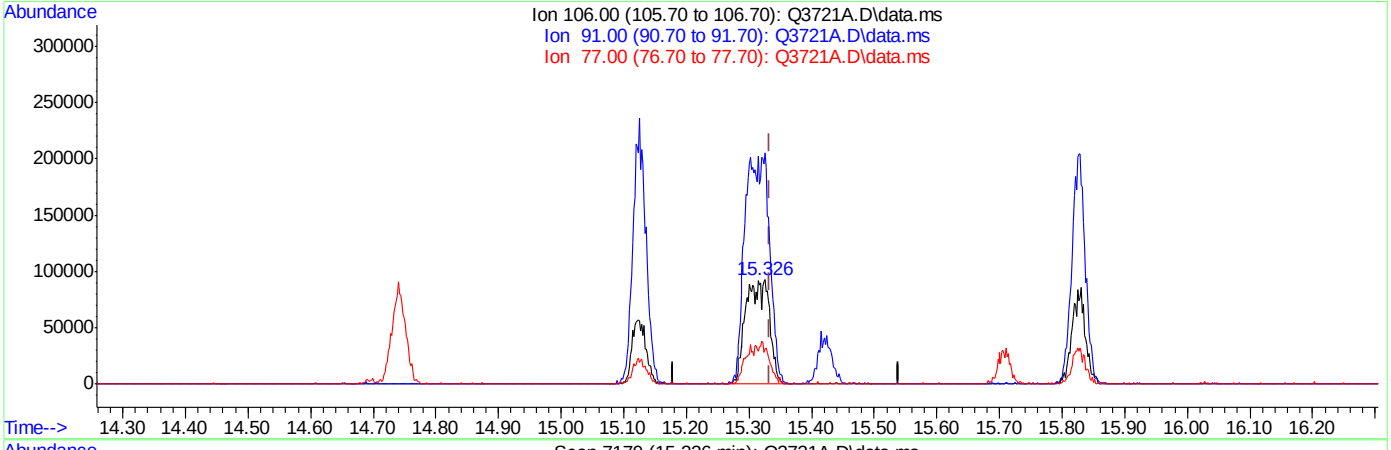
response 84473

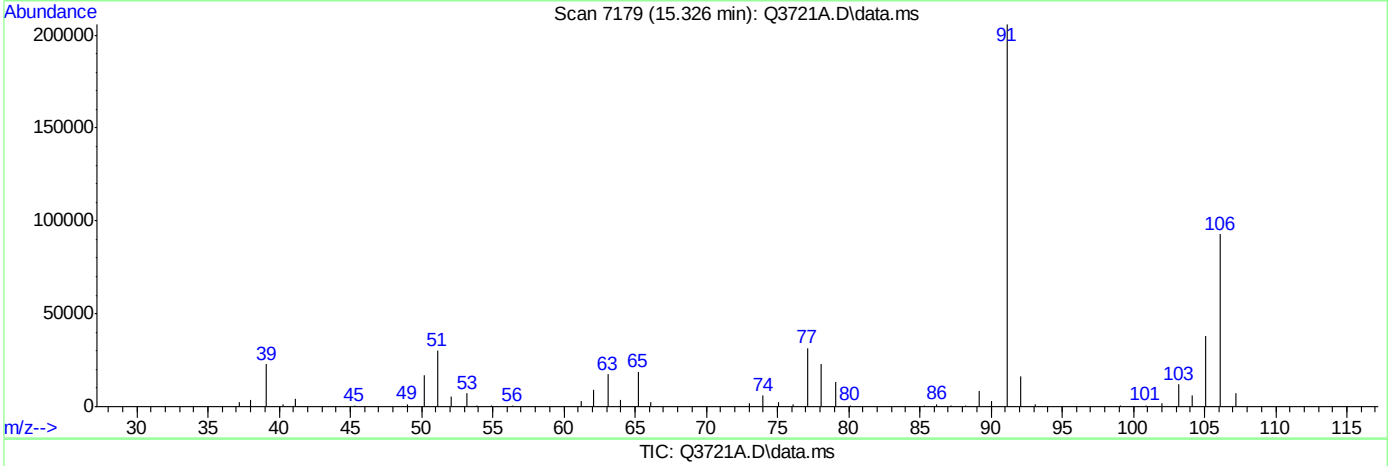
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	218.26
77.00	30.60	29.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3721A.D
Acq On : 14 Jun 2007 5:04 pm
Operator : PhilipB
Sample : BS (M057)
Misc : MS13754, MSQ201,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 14 17:37:30 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 17:36:13 2007
Response via : Initial Calibration





TIC: Q3721A.D\data.ms

(56) m,p-XYLENE (m)

15.326min (-0.008) 23.94PPBV m

response 246223

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	222.03
77.00	30.60	34.19
0.00	0.00	0.00

ACCUTEST Laboratories M65803

Manual Integrations
APPROVED
(compounds with "m" flag)
Doug Yargeau
06/29/07 09:54

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10799.D
Acq On : 27 Jun 2007 4:23 pm
Operator : danat
Sample : m65576-1dup (M180)
Misc : MS13762, MSJ558,,,,,500
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 27 17:29:11 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:15:12 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.48	128	336462	10.00	PPBV	-0.15
35) 1,4-DIFLUOROBENZENE	10.32	114	1475492	10.00	PPBV	-0.12
49) CHLOROBENZENE-D5	14.64	117	1546927m	10.00	PPBV	-0.04

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	564561	5.78	PPBV	-0.01

Spiked Amount 5.000 Range 51 - 142 Recovery = 115.60%

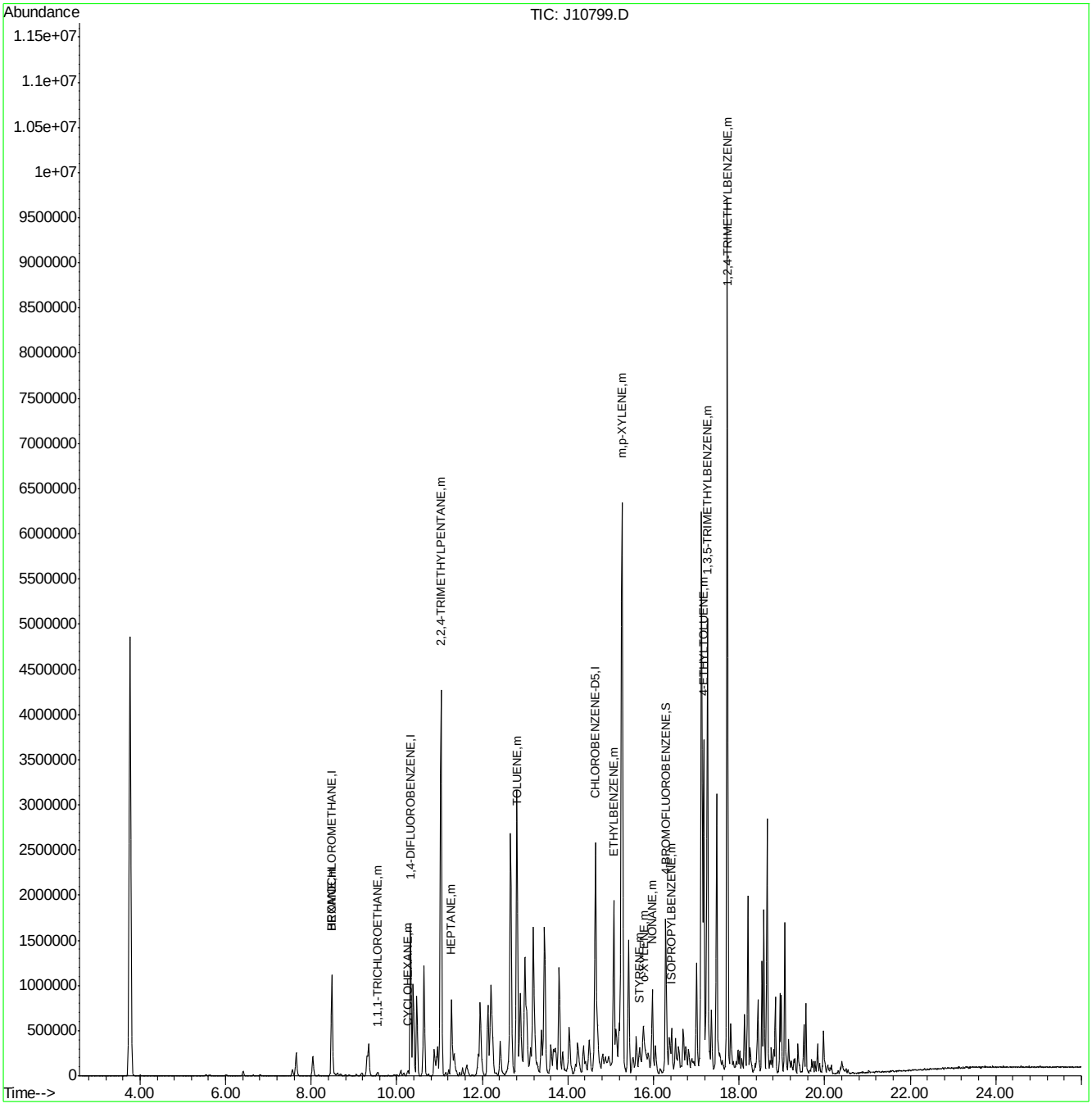
Target Compounds						Qvalue
25) HEXANE	8.49	57	121973	3.13	PPBV	97
32) 1,1,1-TRICHLOROETHANE	9.55	97	21400	0.24	PPBV	96
37) CYCLOHEXANE	10.26	84	21469	0.64	PPBV	94
41) 2,2,4-TRIMETHYLPENTANE	11.03	57	4051414	38.80	PPBV	95
43) HEPTANE	11.27	43	359417m	10.90	PPBV	
46) TOLUENE	12.83	92	49704	1.09	PPBV #	89
55) ETHYLBENZENE	15.07	91	1749630	12.60	PPBV	97
56) m,p-XYLENE	15.27	106	2573502	43.30	PPBV	93
57) o-XYLENE	15.77	106	102630	2.53	PPBV	98
58) STYRENE	15.66	104	2393m	1.34	PPBV	
59) NONANE	15.97	43	336771	6.27	PPBV	98
63) ISOPROPYLBENZENE	16.42	105	303311	2.60	PPBV	99
65) 4-ETHYLTOLUENE	17.17	105	2505844m	15.67	PPBV	
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	2852844	19.63	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	5645404	40.07	PPBV	98

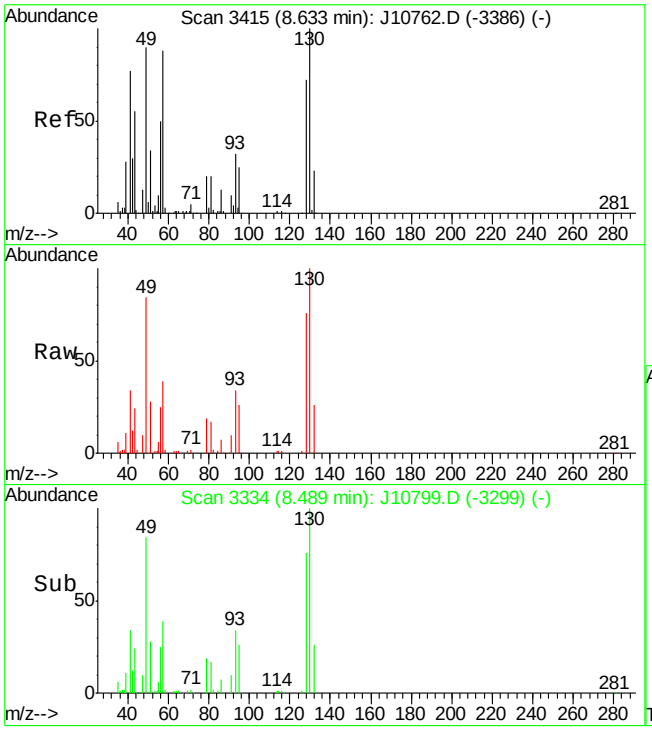
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10799.D
Acq On : 27 Jun 2007 4:23 pm
Operator : danat
Sample : m65576-1dup (M180)
Misc : MS13762, MSJ558,,,,,500
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 27 17:29:11 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:15:12 2007
Response via : Initial Calibration

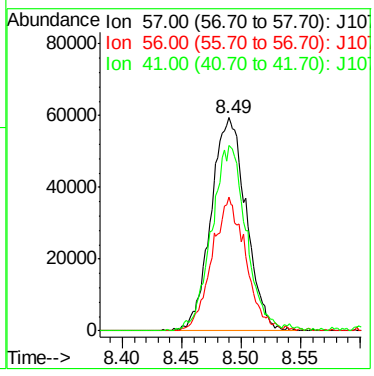


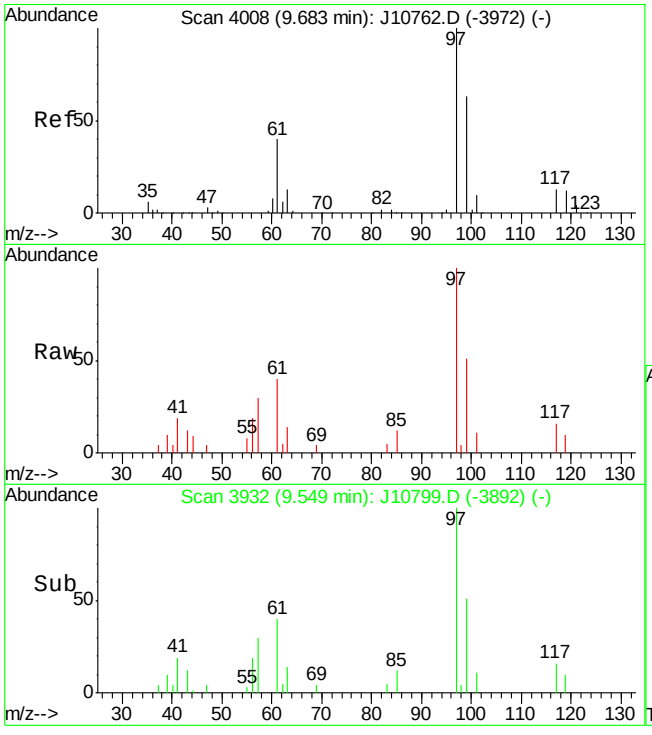


#25
HEXANE
Concen: 3.13 PPBV
RT: 8.49 min Scan# 3334
Delta R.T. -0.14 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion: 57 Resp: 121973

Ion	Ratio	Lower	Upper
57	100		
56	60.4	38.1	78.1
41	86.7	70.1	110.1

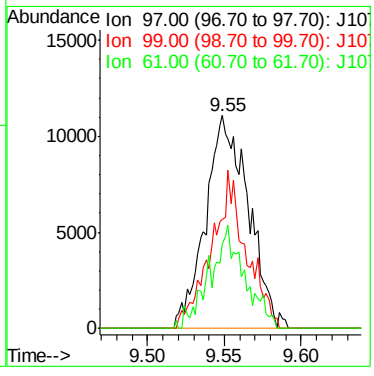


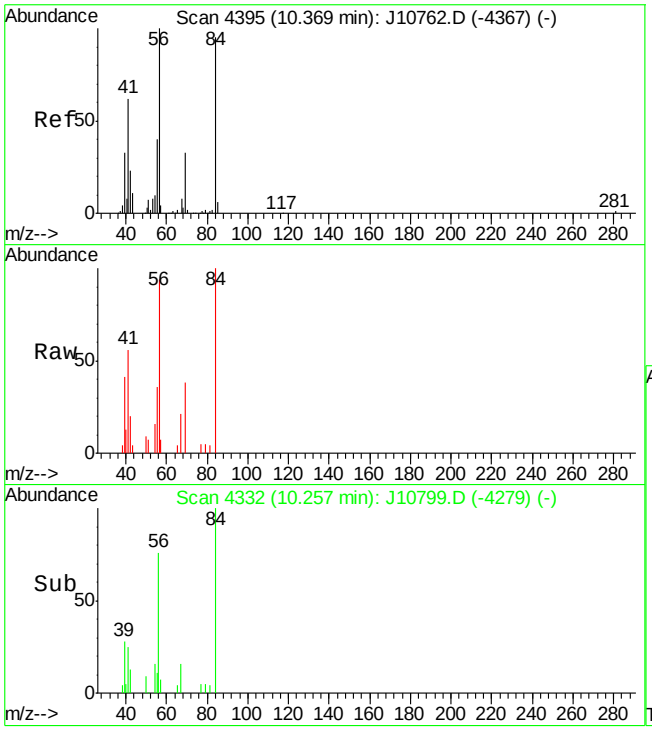


#32
1,1,1-TRICHLOROETHANE
Concen: 0.24 PPBV
RT: 9.55 min Scan# 3932
Delta R.T. -0.13 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion: 97 Resp: 21400

Ion	Ratio	Lower	Upper
97	100		
99	60.4	44.1	84.1
61	39.3	21.0	61.0

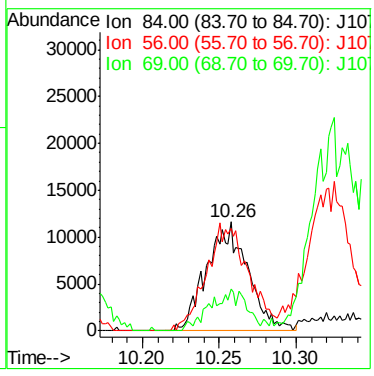


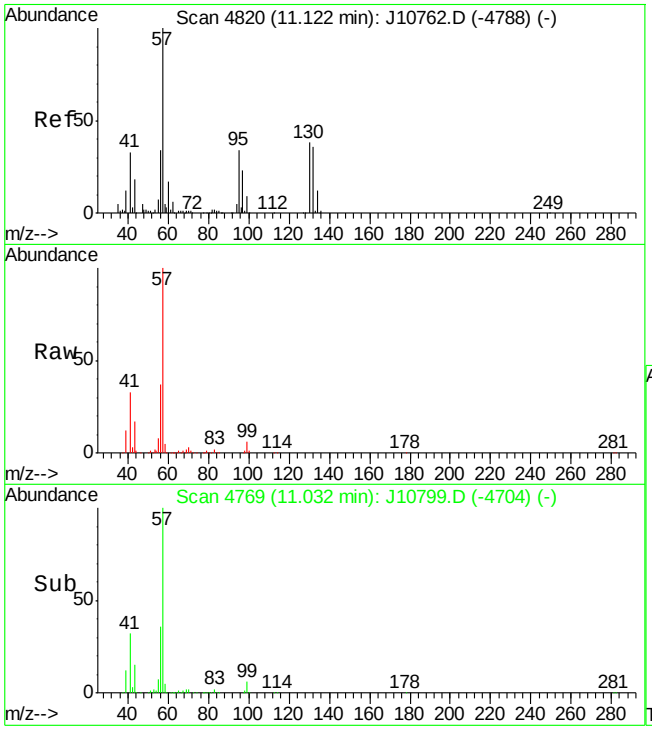


#37
CYCLOHEXANE
Concen: 0.64 PPBV
RT: 10.26 min Scan# 4332
Delta R.T. -0.11 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion: 84 Resp: 21469

Ion	Ratio	Lower	Upper
84	100		
56	101.2	88.3	128.3
69	35.4	16.8	56.8

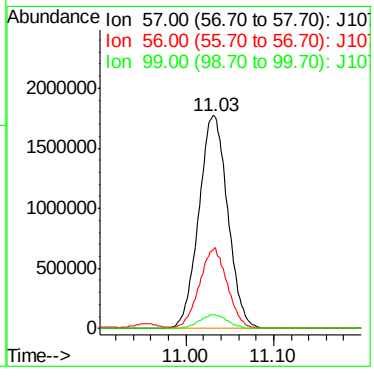


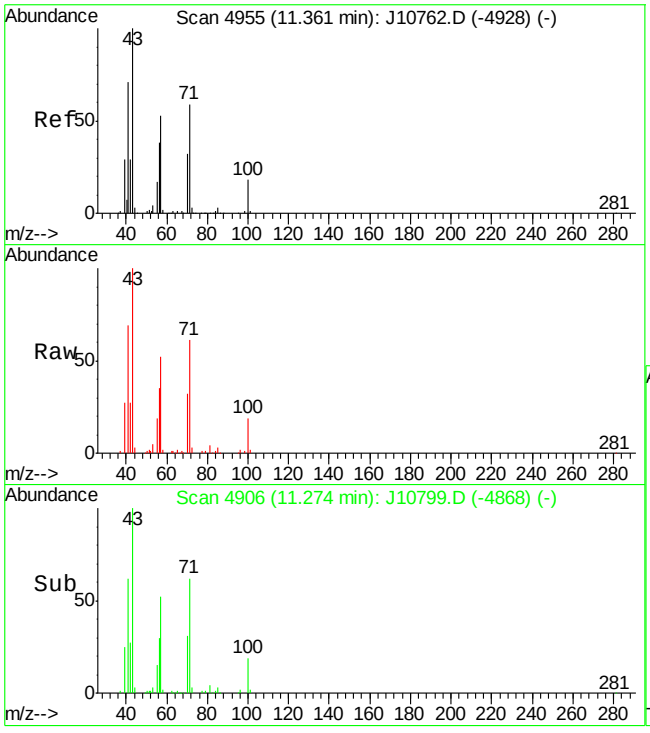


#41
2,2,4-TRIMETHYLPENTANE
Concen: 38.80 PPBV
RT: 11.03 min Scan# 4769
Delta R.T. -0.09 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion: 57 Resp: 4051414

Ion	Ratio	Lower	Upper
57	100		
56	36.6	14.1	54.1
99	6.4	0.0	29.1

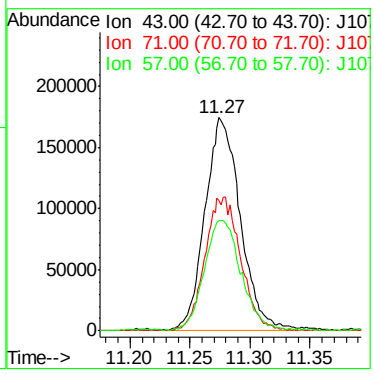


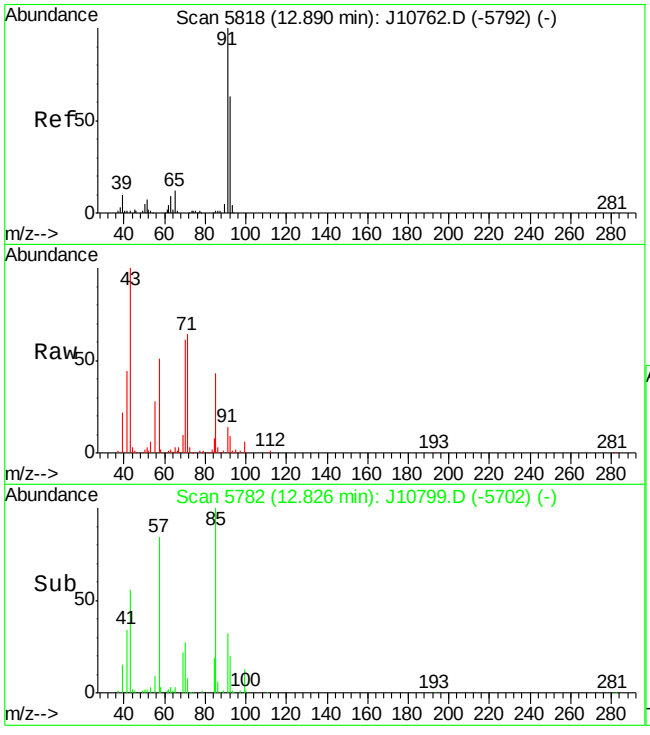


#43
HEPTANE
Concen: 10.90 PPBV m
RT: 11.27 min Scan# 4906
Delta R.T. -0.09 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion: 43 Resp: 359417

Ion	Ratio	Lower	Upper
43	100		
71	0.0	39.4	79.4#
57	0.0	32.7	72.7#

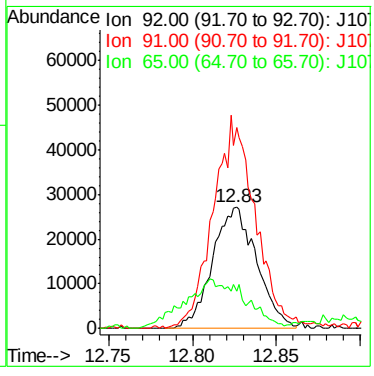


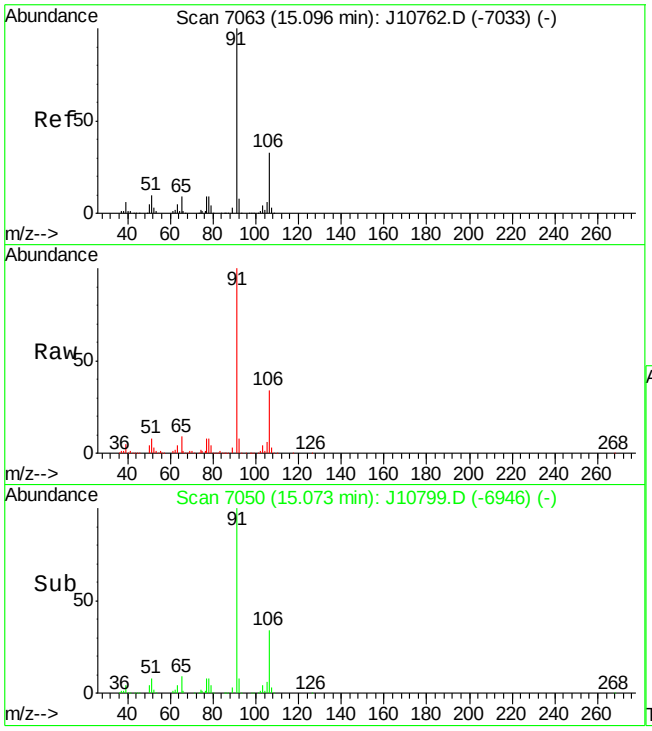


#46
TOLUENE
Concen: 1.09 PPBV
RT: 12.83 min Scan# 5782
Delta R.T. -0.06 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion: 92 Resp: 49704

Ion	Ratio	Lower	Upper
92	100		
91	168.6	145.3	185.3
65	55.7	0.0	39.7#

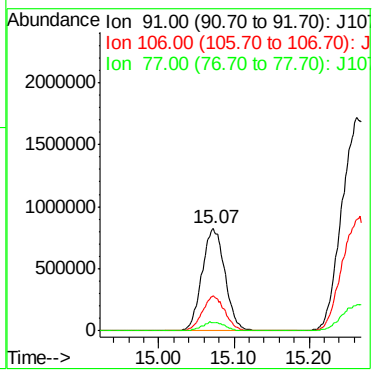


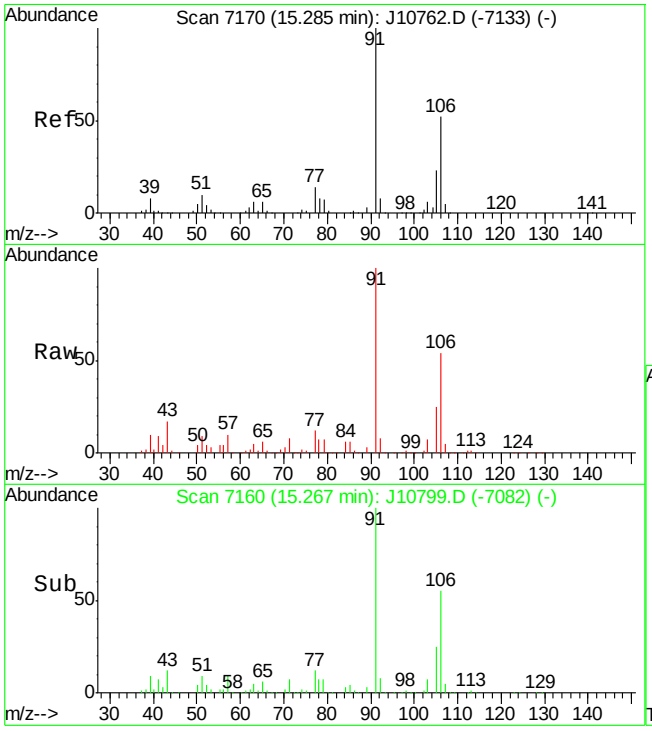


#55
ETHYLBENZENE
Concen: 12.60 PPBV
RT: 15.07 min Scan# 7050
Delta R.T. -0.02 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion: 91 Resp: 1749630

Ion	Ratio	Lower	Upper
91	100		
106	33.3	11.8	51.8
77	8.2	0.0	29.1

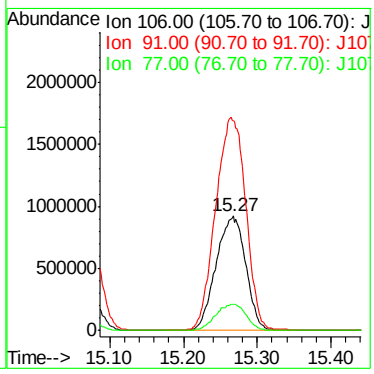


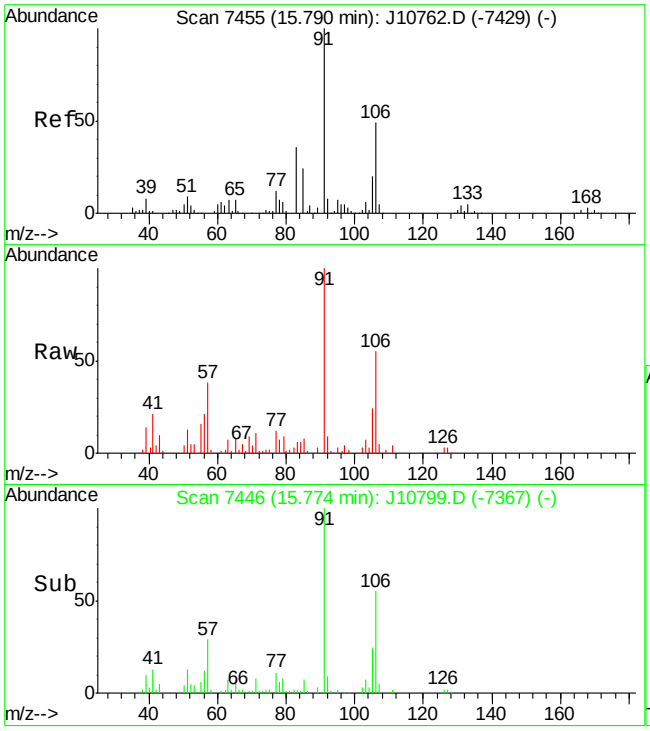


#56
m,p-XYLENE
Concen: 43.30 PPBV
RT: 15.27 min Scan# 7160
Delta R.T. -0.02 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion:106 Resp: 2573502

Ion	Ratio	Lower	Upper
106	100		
91	183.7	155.1	232.7
77	22.9	21.0	31.6

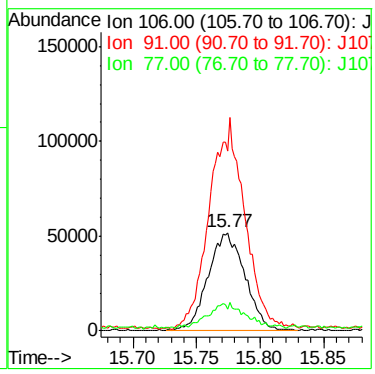


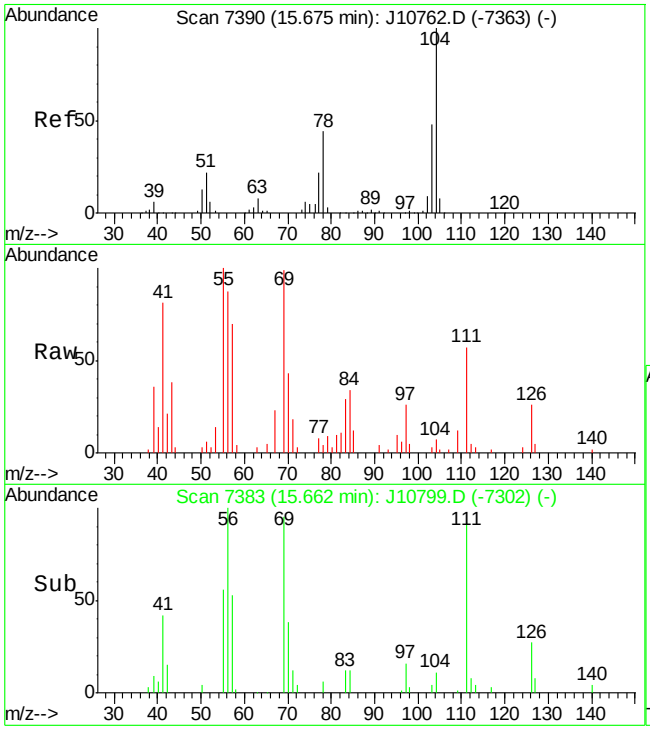


#57
o-XYLENE
Concen: 2.53 PPBV
RT: 15.77 min Scan# 7446
Delta R.T. -0.02 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion:106 Resp: 102630

Ion	Ratio	Lower	Upper
106	100		
91	208.2	186.9	226.9
77	30.4	6.5	46.5

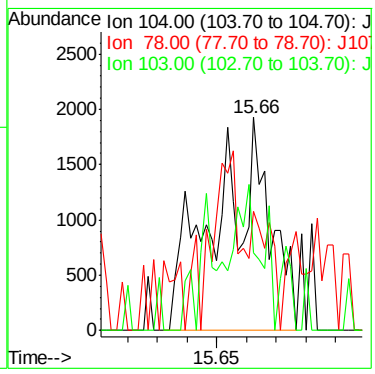


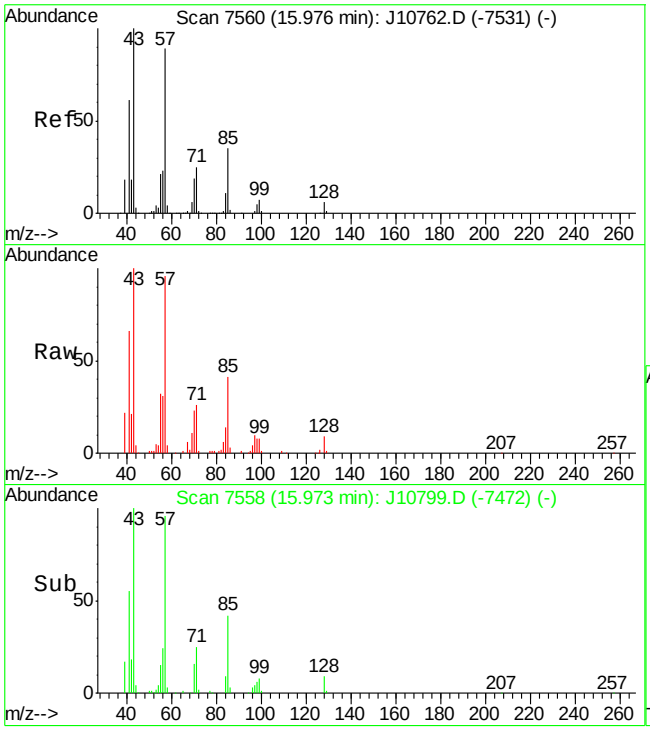


#58
STYRENE
Concen: 1.34 PPBV m
RT: 15.66 min Scan# 7383
Delta R.T. -0.01 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion:104 Resp: 2393

Ion	Ratio	Lower	Upper
104	100		
78	66.9	24.2	64.2#
103	42.2	27.1	67.1

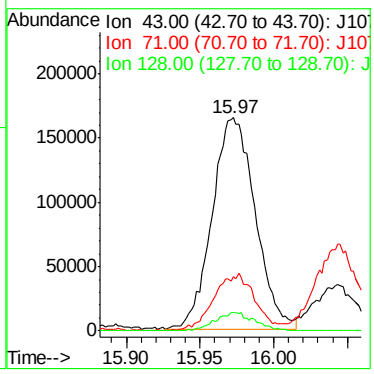


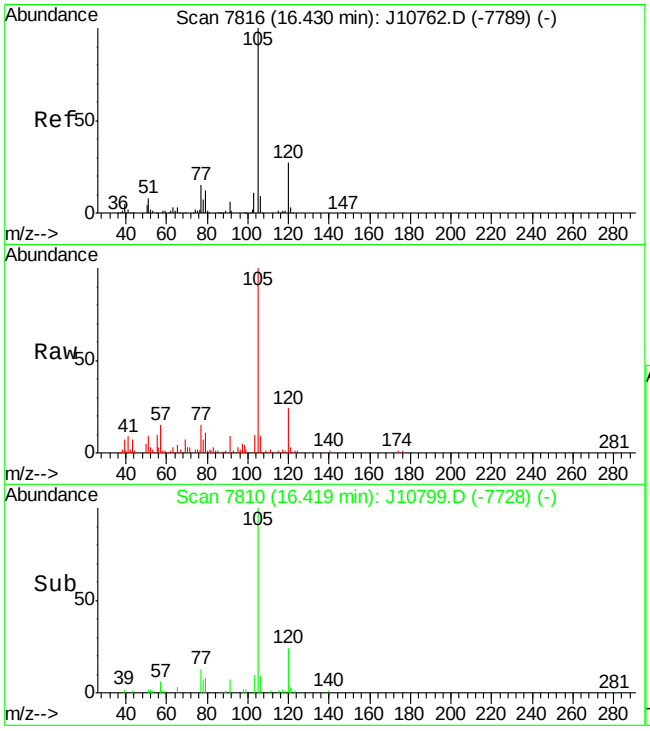


#59
NONANE
Concen: 6.27 PPBV
RT: 15.97 min Scan# 7558
Delta R.T. -0.00 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion: 43 Resp: 336771

Ion	Ratio	Lower	Upper
43	100		
71	25.7	5.1	45.1
128	7.9	0.0	26.7

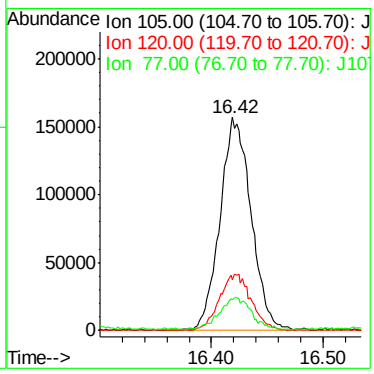


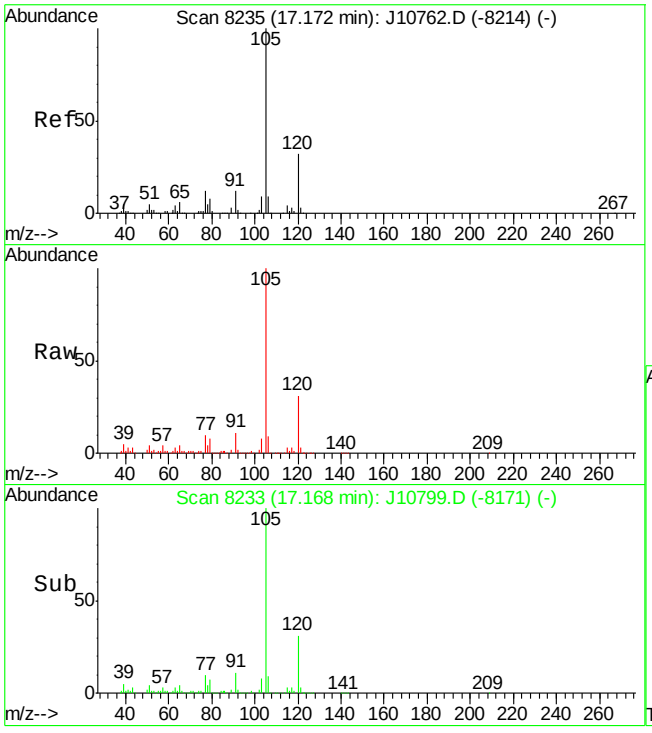


#63
ISOPROPYLBENZENE
Concen: 2.60 PPBV
RT: 16.42 min Scan# 7810
Delta R.T. -0.01 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion:105 Resp: 303311

Ion	Ratio	Lower	Upper
105	100		
120	27.1	6.6	46.6
77	15.8	0.0	35.9

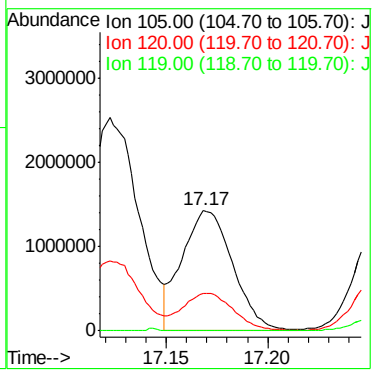


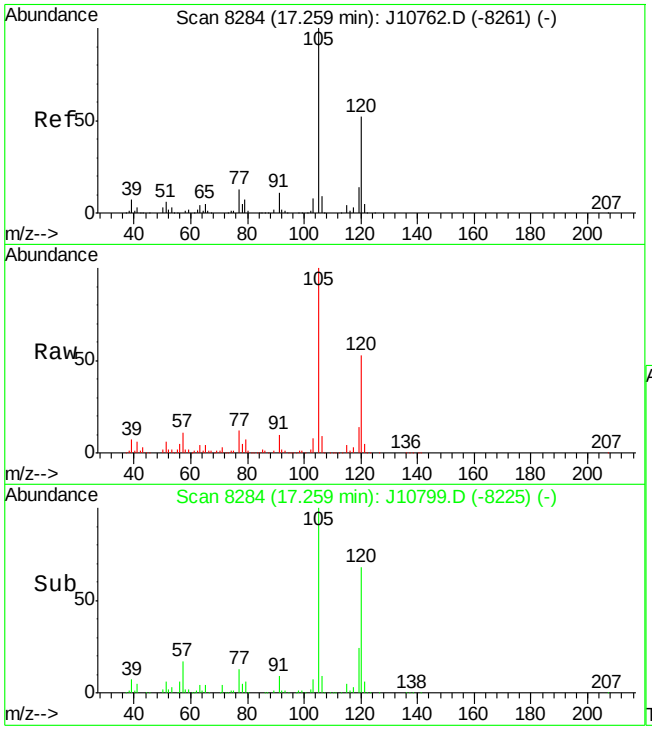


#65
4-ETHYLTOLUENE
Concen: 15.67 PPBV m
RT: 17.17 min Scan# 8233
Delta R.T. -0.00 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion:105 Resp: 2505844

Ion	Ratio	Lower	Upper
105	100		
120	62.5	11.0	51.0#
119	0.4	0.0	20.9

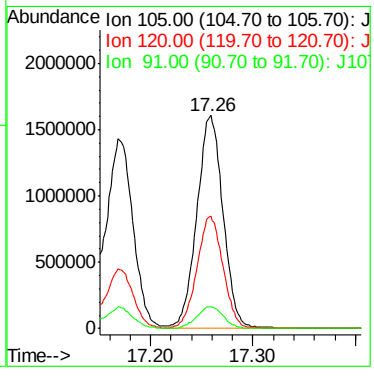


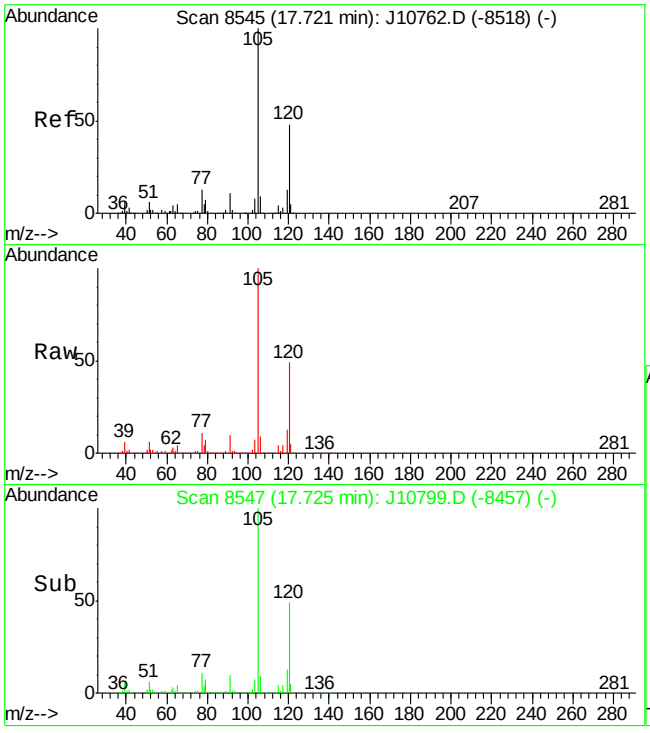


#66
1,3,5-TRIMETHYLBENZENE
Concen: 19.63 PPBV
RT: 17.26 min Scan# 8284
Delta R.T. 0.00 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion:105 Resp: 2852844

Ion	Ratio	Lower	Upper
105	100		
120	52.7	32.0	72.0
91	10.4	0.0	31.0

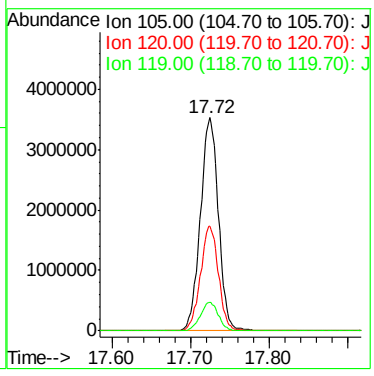




#67
1,2,4-TRIMETHYLBENZENE
Concen: 40.07 PPBV
RT: 17.72 min Scan# 8547
Delta R.T. 0.00 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion:105 Resp: 5645404

Ion	Ratio	Lower	Upper
105	100		
120	48.9	27.6	67.6
119	13.4	0.0	33.1

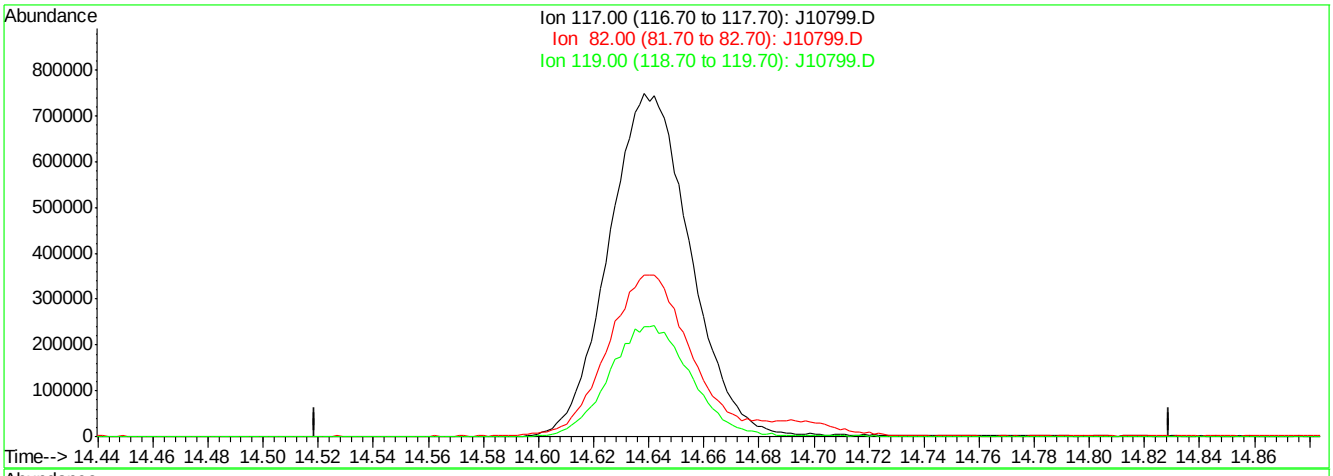


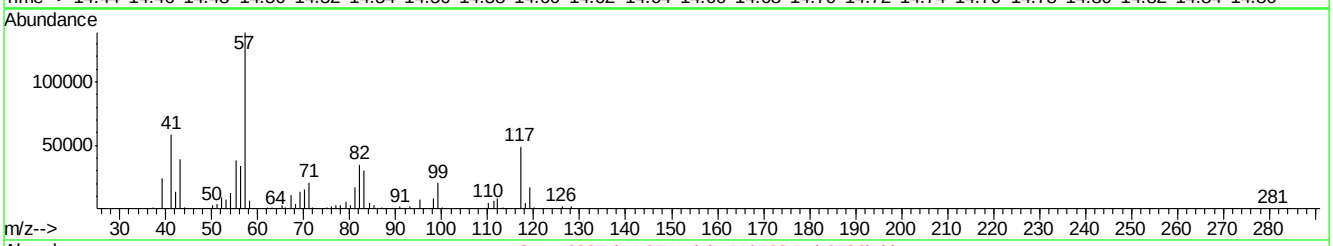
Quantitation Report (Qedit)

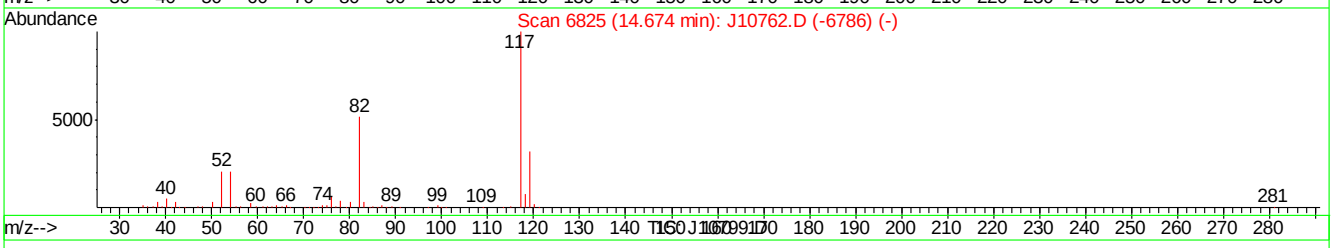
Data File : C:\MSDCHEM\1\DATA\J10799.D Vial: 3
Acq On : 27 Jun 2007 4:23 pm Operator: danat
Sample : m65576-1dup (M180) Inst : MSJ
Misc : MS13762, MSJ558,,,,,500 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 27 17:26:04 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:15:12 2007
Response via : Multiple Level Calibration







(49) CHLOROBENZENE-D5 (I)

14.67min 0.00PPBV

response 0

Ion	Exp%	Act%
117.00	100	0.00
82.00	0.00	0.00
119.00	0.00	0.00
0.00	0.00	0.00

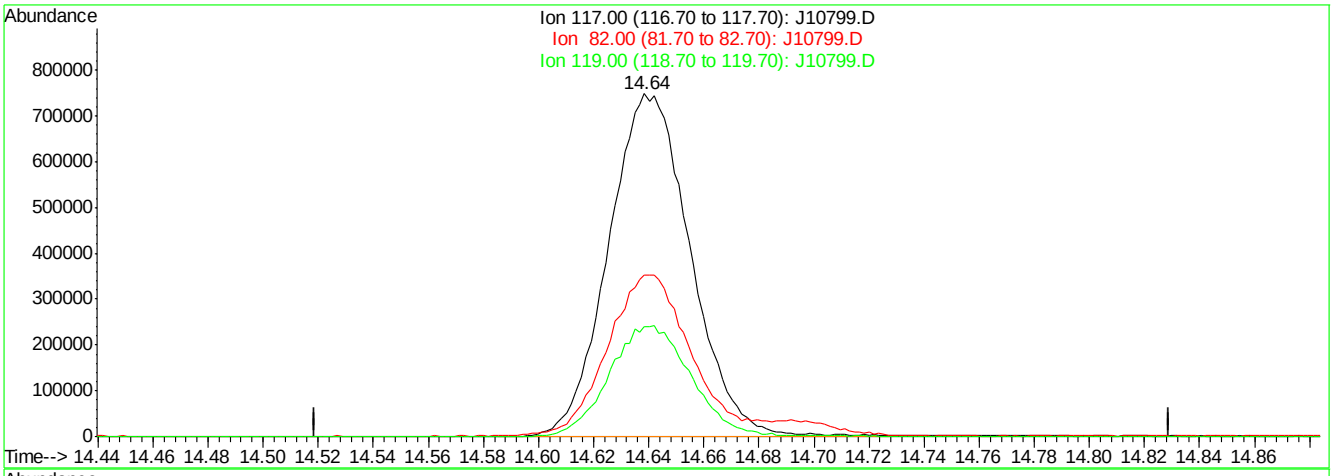
J10799.D J062507T.M Wed Jun 27 17:27:39 2007

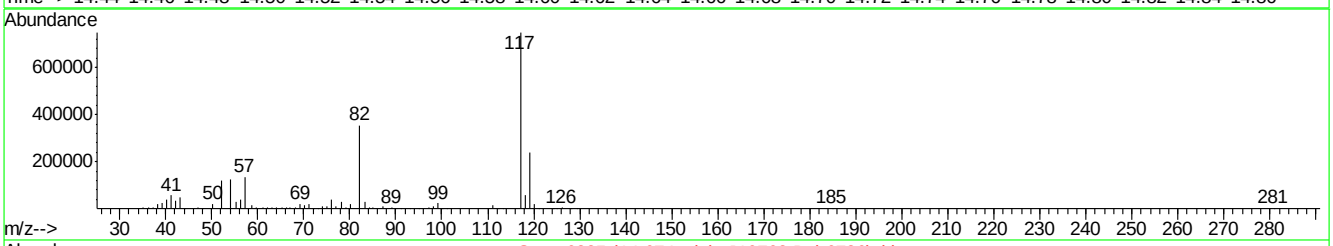
Quantitation Report (Qedit)

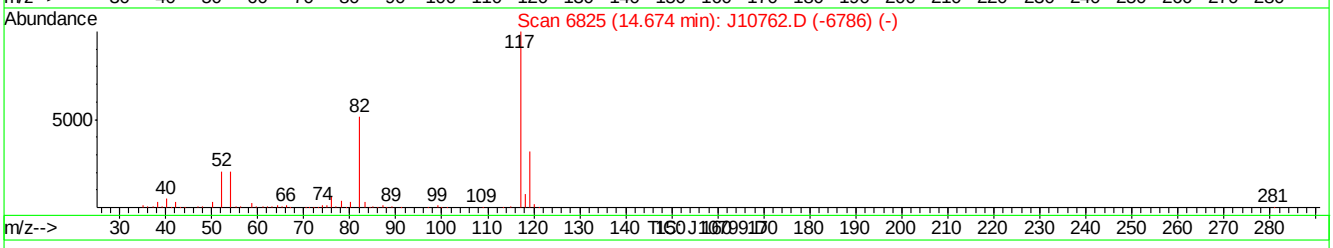
Data File : C:\MSDCHEM\1\DATA\J10799.D Vial: 3
Acq On : 27 Jun 2007 4:23 pm Operator: danat
Sample : m65576-1dup (M180) Inst : MSJ
Misc : MS13762, MSJ558,,,,,500 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 27 17:26:04 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:15:12 2007
Response via : Multiple Level Calibration







(49) CHLOROBENZENE-D5 (I)

14.64min 10.00PPBV m

response 1546927

Ion	Exp%	Act%
117.00	100	100
82.00	0.00	0.00
119.00	0.00	0.00
0.00	0.00	0.00

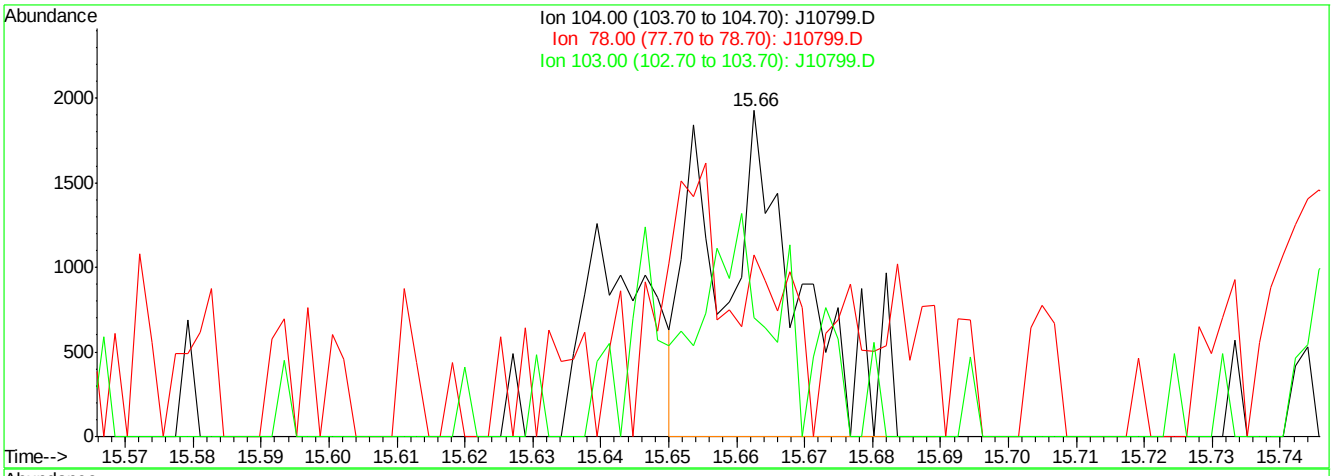
J10799.D J062507T.M Wed Jun 27 17:27:48 2007

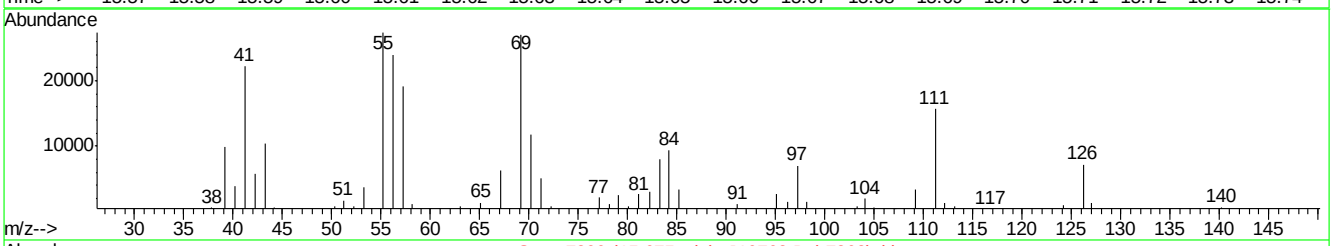
Quantitation Report (Qedit)

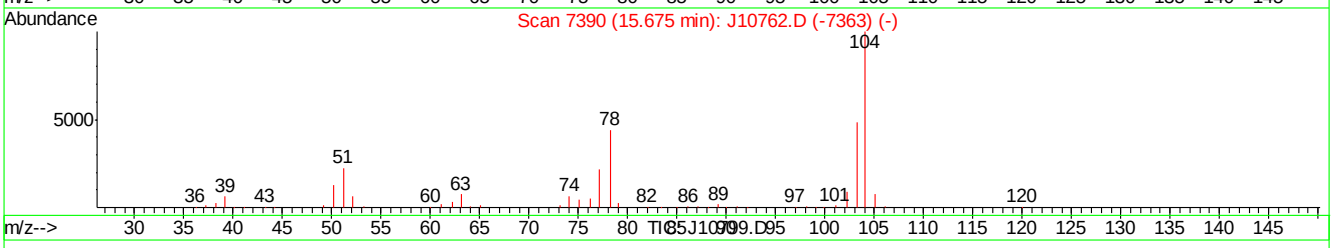
Data File : C:\MSDCHEM\1\DATA\J10799.D Vial: 3
Acq On : 27 Jun 2007 4:23 pm Operator: danat
Sample : m65576-1dup (M180) Inst : MSJ
Misc : MS13762, MSJ558,,,,,500 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 27 17:26:04 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:15:12 2007
Response via : Multiple Level Calibration







(58) STYRENE (m)

15.66min 1.33PPBV

response 1782

Ion	Exp%	Act%
104.00	100	100
78.00	44.20	89.79#
103.00	47.10	56.73
0.00	0.00	0.00

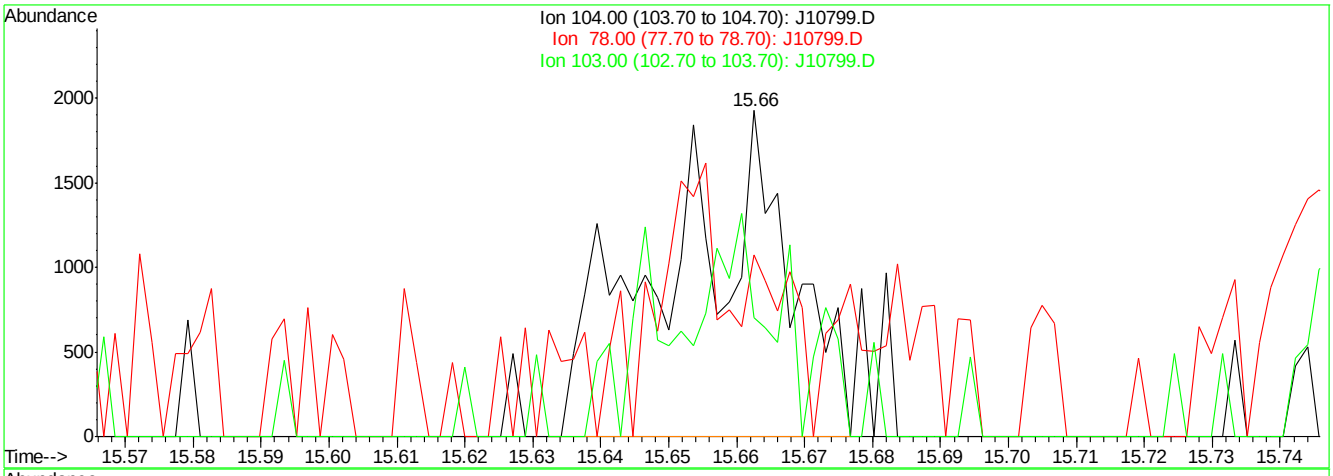
J10799.D J062507T.M Wed Jun 27 17:28:09 2007

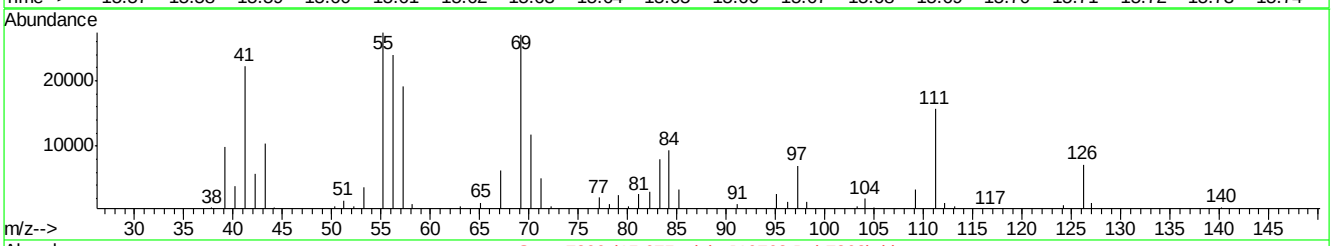
Quantitation Report (Qedit)

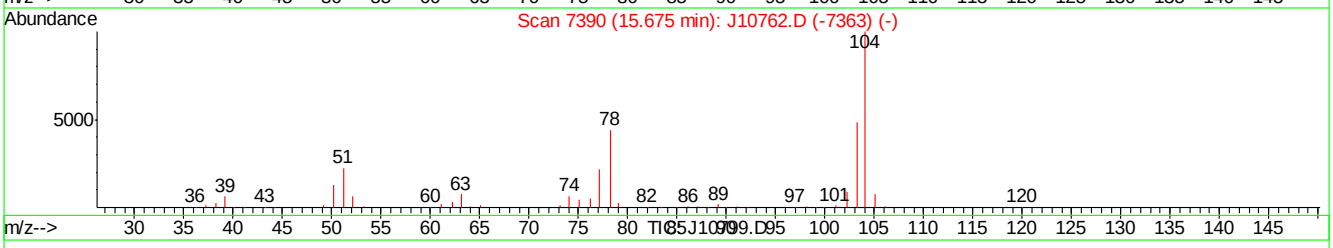
Data File : C:\MSDCHEM\1\DATA\J10799.D Vial: 3
Acq On : 27 Jun 2007 4:23 pm Operator: danat
Sample : m65576-1dup (M180) Inst : MSJ
Misc : MS13762, MSJ558,,,,,500 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 27 17:26:04 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:15:12 2007
Response via : Multiple Level Calibration







(58) STYRENE (m)

15.66min 1.34PPBV m

response 2393

Ion	Exp%	Act%
104.00	100	100
78.00	44.20	66.86#
103.00	47.10	42.25
0.00	0.00	0.00

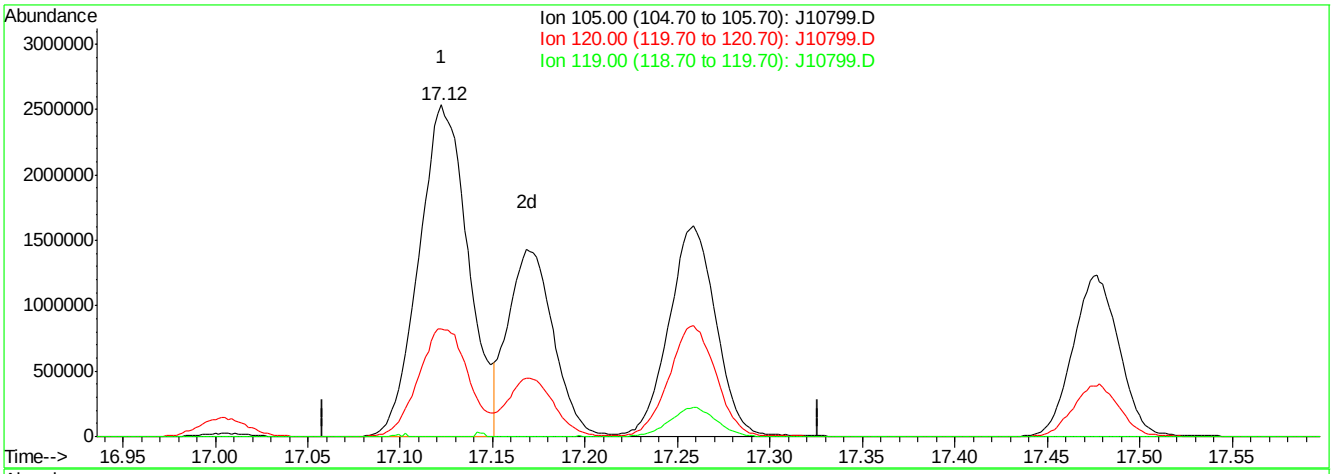
J10799.D J062507T.M Wed Jun 27 17:28:20 2007

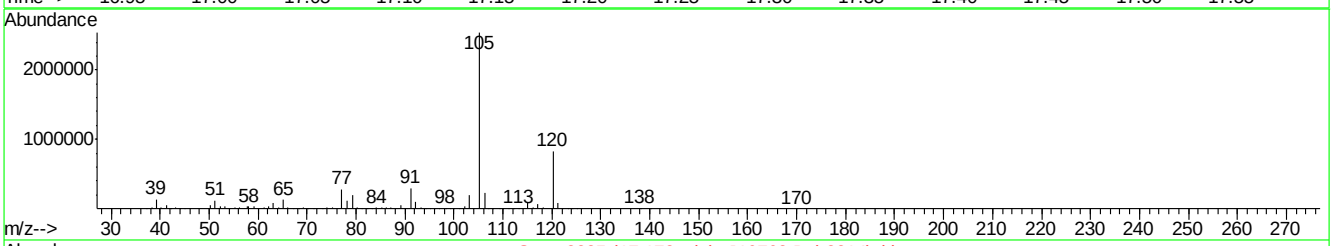
Quantitation Report (Qedit)

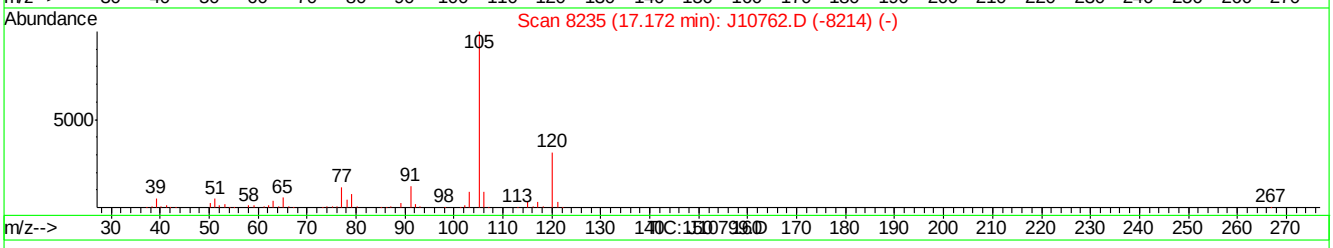
Data File : C:\MSDCHEM\1\DATA\J10799.D Vial: 3
Acq On : 27 Jun 2007 4:23 pm Operator: danat
Sample : m65576-1dup (M180) Inst : MSJ
Misc : MS13762, MSJ558,,,,,500 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 27 17:26:04 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:15:12 2007
Response via : Multiple Level Calibration







(65) 4-ETHYLTOLUENE (m)

17.12min 28.22PPBV

response 4701956

Ion	Exp%	Act%
105.00	100	100
120.00	31.00	33.33
119.00	0.90	0.20
0.00	0.00	0.00

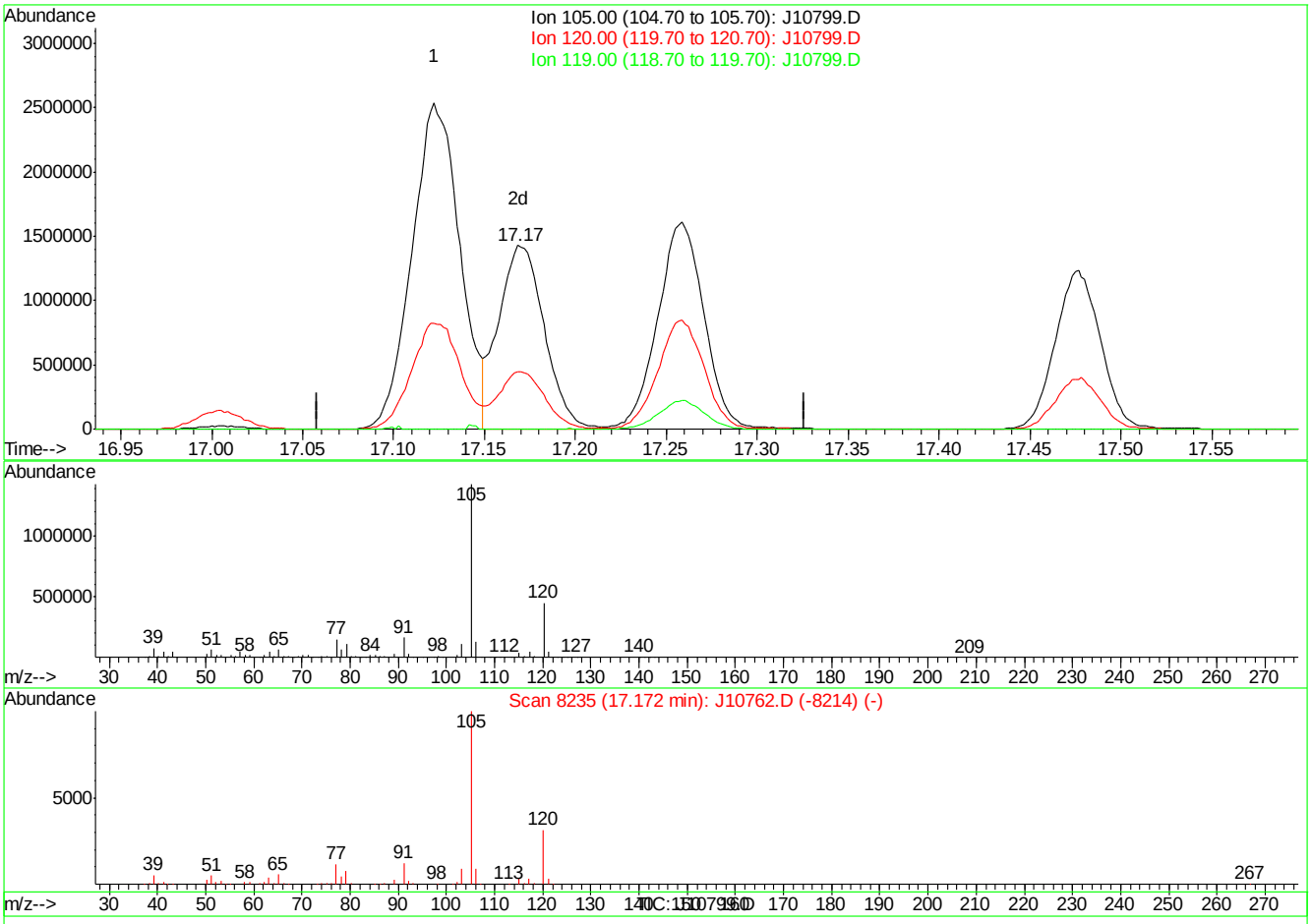
J10799.D J062507T.M Wed Jun 27 17:28:43 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10799.D Vial: 3
Acq On : 27 Jun 2007 4:23 pm Operator: danat
Sample : m65576-1dup (M180) Inst : MSJ
Misc : MS13762, MSJ558,,,,,500 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 27 17:26:04 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:15:12 2007
Response via : Multiple Level Calibration



(65) 4-ETHYLTOLUENE (m)

17.17min 15.67PPBV m

response 2505844

Ion	Exp%	Act%
105.00	100	100
120.00	31.00	62.54#
119.00	0.90	0.37
0.00	0.00	0.00

J10799.D J062507T.M Wed Jun 27 17:28:53 2007

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
07/02/07 16:14

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3851.D
Acq On : 29 Jun 2007 11:03 am
Operator : PhilipB
Sample : M65828-1dup
Misc : MS13836, MSQ206,,,,,20
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 29 13:38:32 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 17:20:02 2007
Response via : Initial Calibration

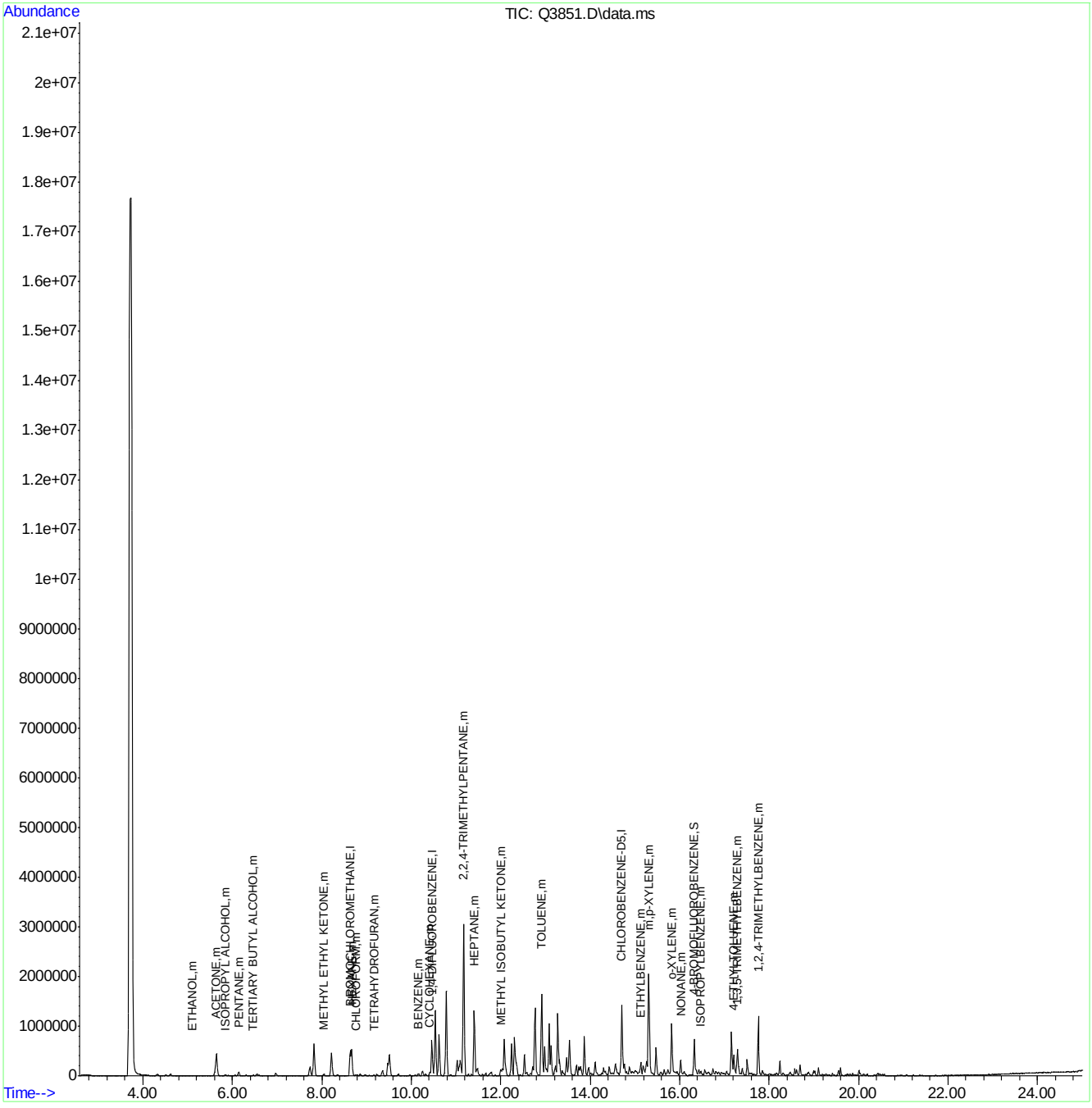
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.637	128	88796	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.463	114	394903	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.707	117	458793	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.329	95	240779	6.78	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 135.60%			
Target Compounds						Qvalue
11) ISOPROPYL ALCOHOL	5.842	45	24212	0.90	PPBV	89
12) ACETONE	5.620	43	67332m	2.96	PPBV	
13) PENTANE	6.147	42	33213	1.82	PPBV	83
16) ETHANOL	5.110	45	5525	1.06	PPBV #	69
22) TERTIARY BUTYL ALCOHOL	6.463	59	9418m	0.33	PPBV	
24) TETRAHYDROFURAN	9.166	42	8489	0.62	PPBV	76
25) HEXANE	8.674	57	205322	8.91	PPBV #	77
28) METHYL ETHYL KETONE	8.044	43	53593	2.01	PPBV	89
31) CHLOROFORM	8.754	83	8007	0.31	PPBV	92
36) BENZENE	10.158	78	8975	0.36	PPBV	91
37) CYCLOHEXANE	10.413	84	16744	1.43	PPBV #	84
41) 2,2,4-TRIMETHYLPENTANE	11.173	57	2298352	36.14	PPBV	91
43) HEPTANE	11.411	43	565913	23.16	PPBV	83
44) METHYL ISOBUTYL KETONE	12.002	43	15674	0.57	PPBV #	78
46) TOLUENE	12.926	92	208478	13.13	PPBV	96
55) ETHYLBENZENE	15.131	91	143785	3.38	PPBV	96
56) m,p-XYLENE	15.306	106	483530	30.29	PPBV	85
57) o-XYLENE	15.826	106	216522	13.17	PPBV #	86
59) NONANE	16.029	43	114870	2.68	PPBV	89
63) ISOPROPYLBENZENE	16.465	105	23930	0.51	PPBV #	100
65) 4-ETHYLTOLUENE	17.207	105	189242	5.27	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.292	105	231134	6.25	PPBV	94
67) 1,2,4-TRIMETHYLBENZENE	17.759	105	555198	17.46	PPBV	95

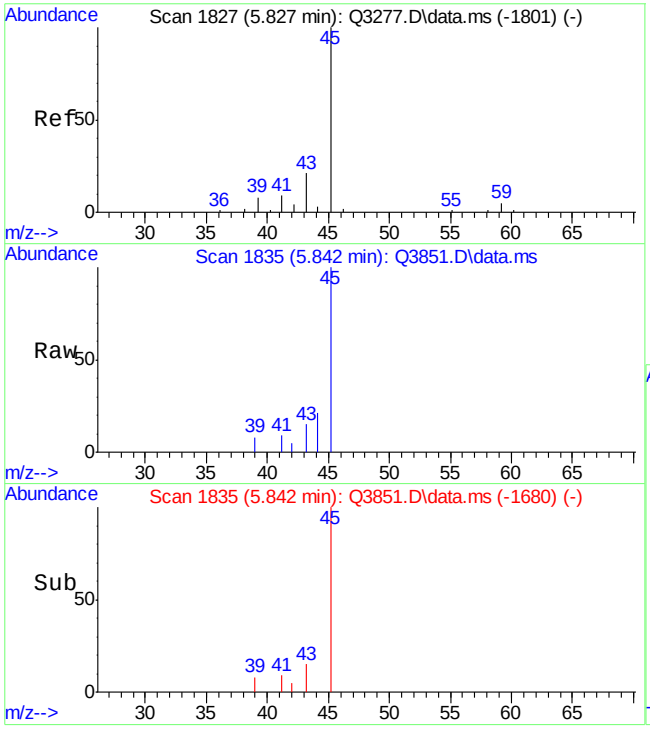
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3851.D
Acq On : 29 Jun 2007 11:03 am
Operator : PhilipB
Sample : M65828-1dup
Misc : MS13836, MSQ206,,,,,20
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 29 13:38:32 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 17:20:02 2007
Response via : Initial Calibration

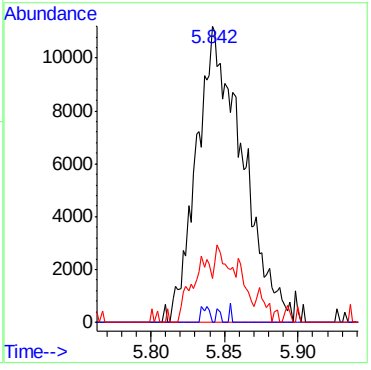


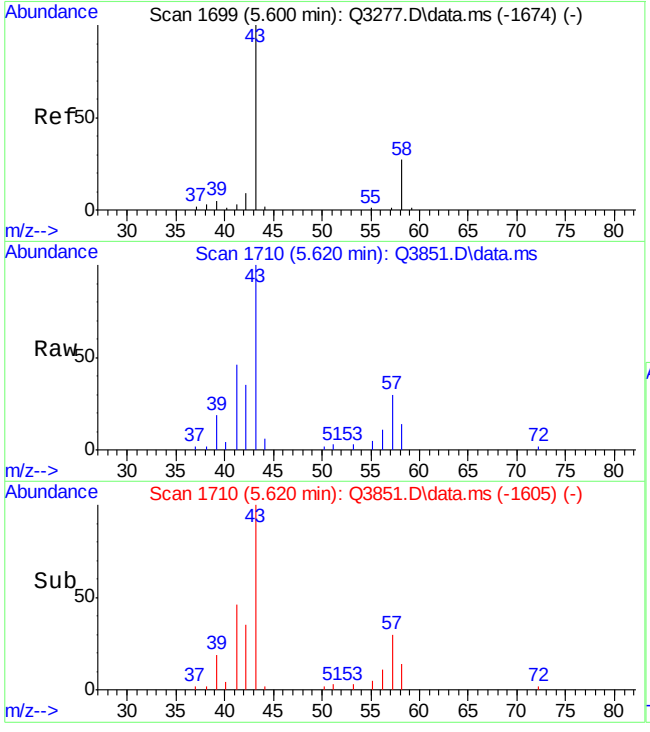


#11
ISOPROPYL ALCOHOL
Concen: 0.90 PPBV
RT: 5.842 min Scan# 1835
Delta R.T. 0.017 min
Lab File: Q3851.D
Acq: 29 Jun 2007 11:03 am

Tgt Ion: 45 Resp: 24212

Ion	Ratio	Lower	Upper
45	100		
59	0.0	0.0	23.7
43	14.7	0.0	39.7

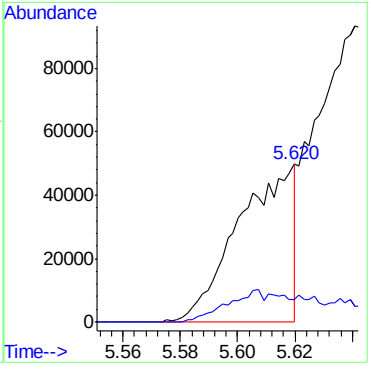


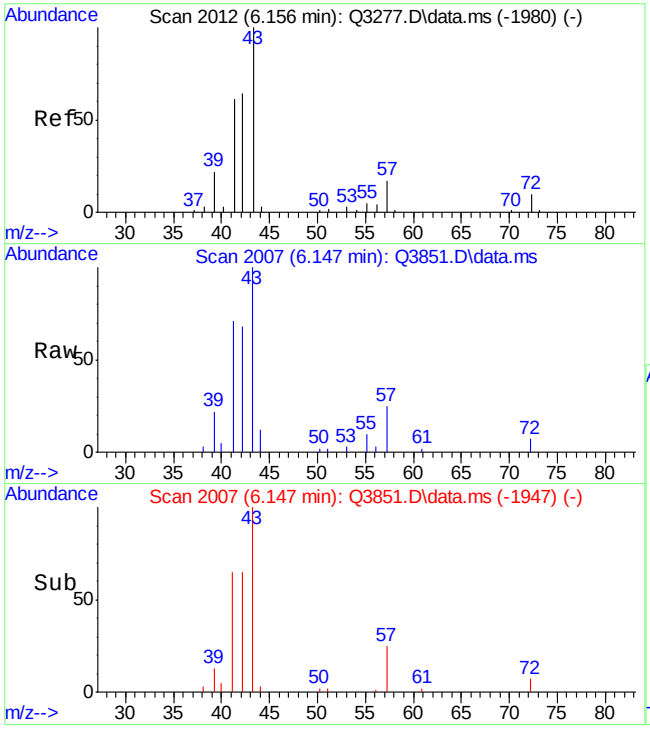


#12
ACETONE
Concen: 2.96 PPBV m
RT: 5.620 min Scan# 1710
Delta R.T. 0.031 min
Lab File: Q3851.D
Acq: 29 Jun 2007 11:03 am

Tgt Ion: 43 Resp: 67332

Ion	Ratio	Lower	Upper
43	100		
58	0.0	9.0	49.0#

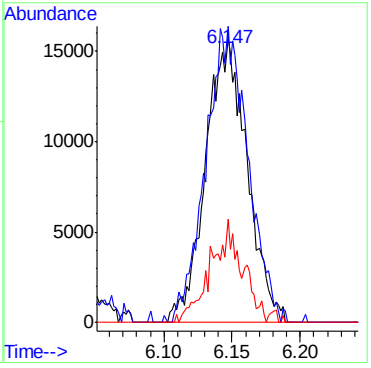


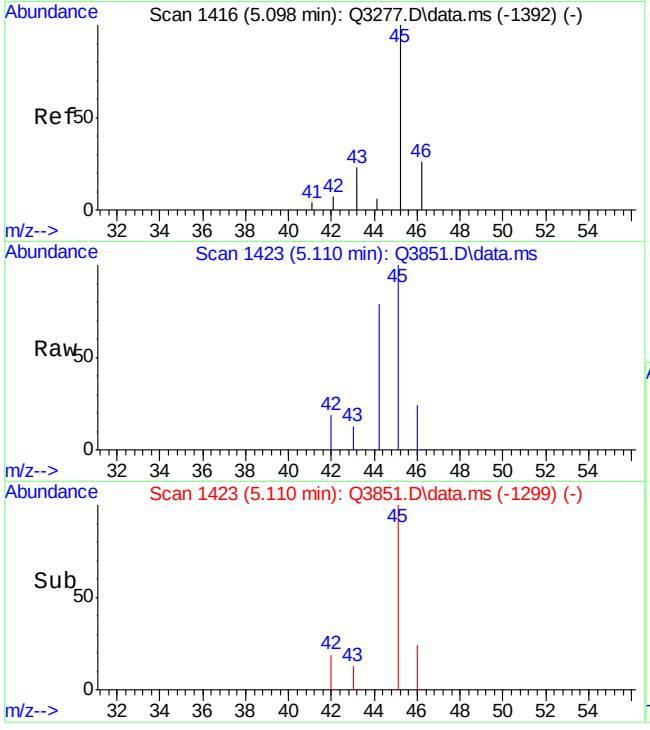


#13
PENTANE
Concen: 1.82 PPBV
RT: 6.147 min Scan# 2007
Delta R.T. 0.004 min
Lab File: Q3851.D
Acq: 29 Jun 2007 11:03 am

Tgt Ion: 42 Resp: 33213

Ion	Ratio	Lower	Upper
42	100		
41	106.4	74.8	114.8
57	11.0	8.9	48.9

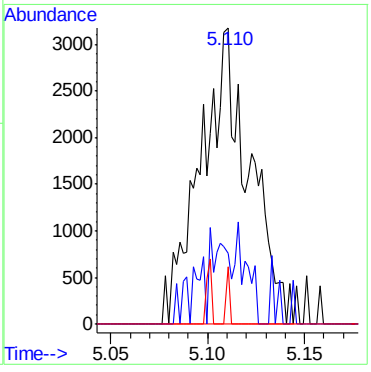


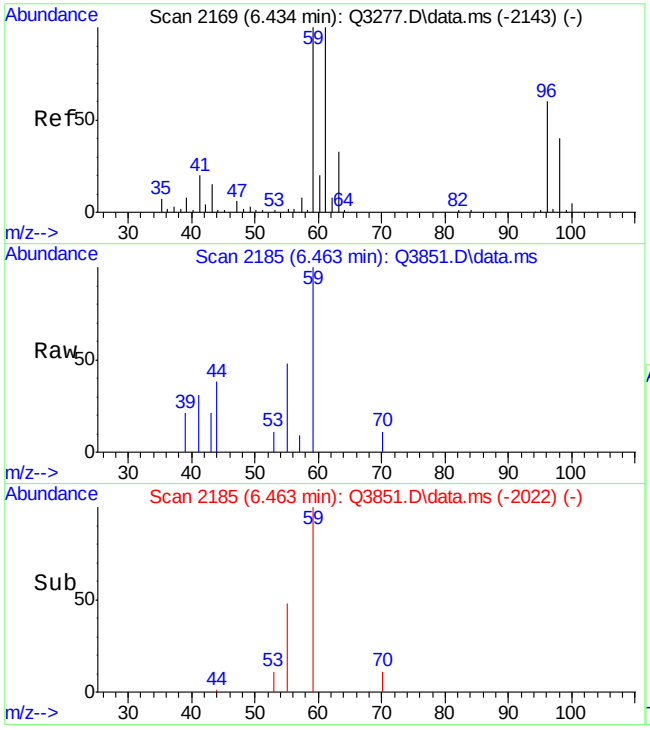


#16
ETHANOL
Concen: 1.06 PPBV
RT: 5.110 min Scan# 1423
Delta R.T. 0.014 min
Lab File: Q3851.D
Acq: 29 Jun 2007 11:03 am

Tgt Ion: 45 Resp: 5525

Ion	Ratio	Lower	Upper
45	100		
46	14.6	14.7	54.7#
42	2.3	0.0	28.4

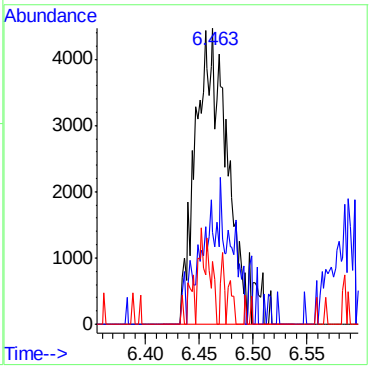


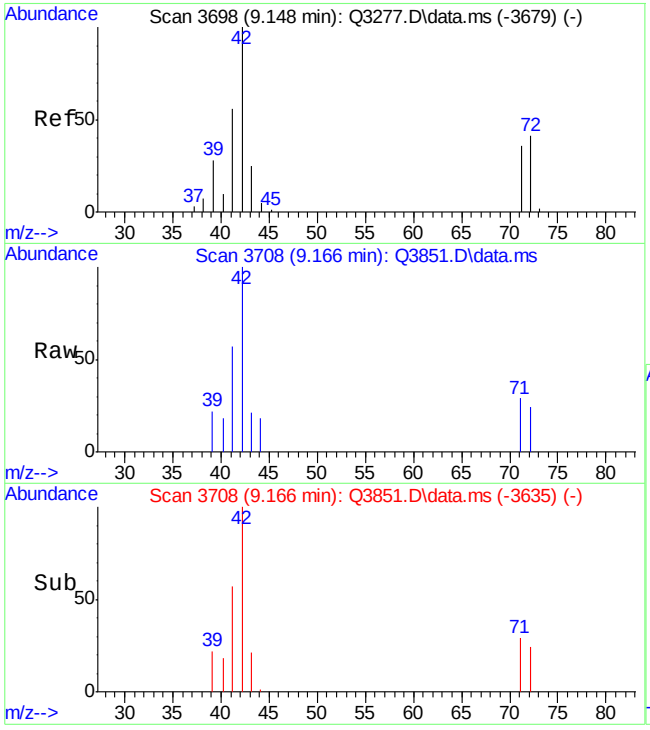


#22
TERTIARY BUTYL ALCOHOL
Concen: 0.33 PPBV m
RT: 6.463 min Scan# 2185
Delta R.T. 0.032 min
Lab File: Q3851.D
Acq: 29 Jun 2007 11:03 am

Tgt Ion: 59 Resp: 9418

Ion	Ratio	Lower	Upper
59	100		
41	1.5	0.0	36.4
43	1.0	0.0	33.4

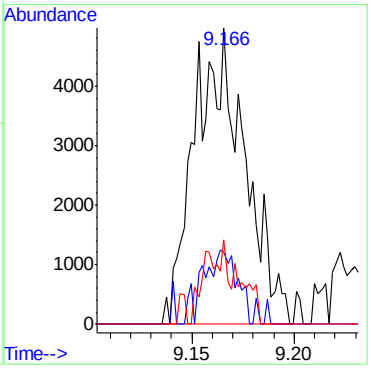


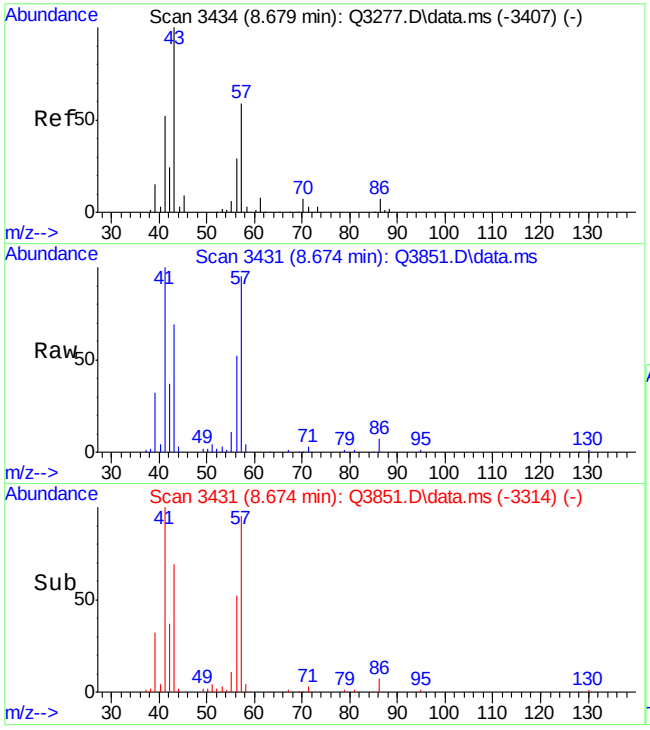


#24
TETRAHYDROFURAN
Concen: 0.62 PPBV
RT: 9.166 min Scan# 3708
Delta R.T. 0.027 min
Lab File: Q3851.D
Acq: 29 Jun 2007 11:03 am

Tgt Ion: 42 Resp: 8489

Ion	Ratio	Lower	Upper
42	100		
72	18.4	8.7	48.7
71	12.8	7.6	47.6

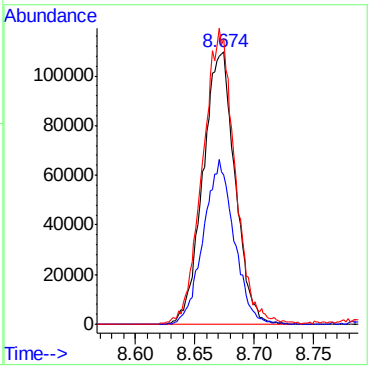


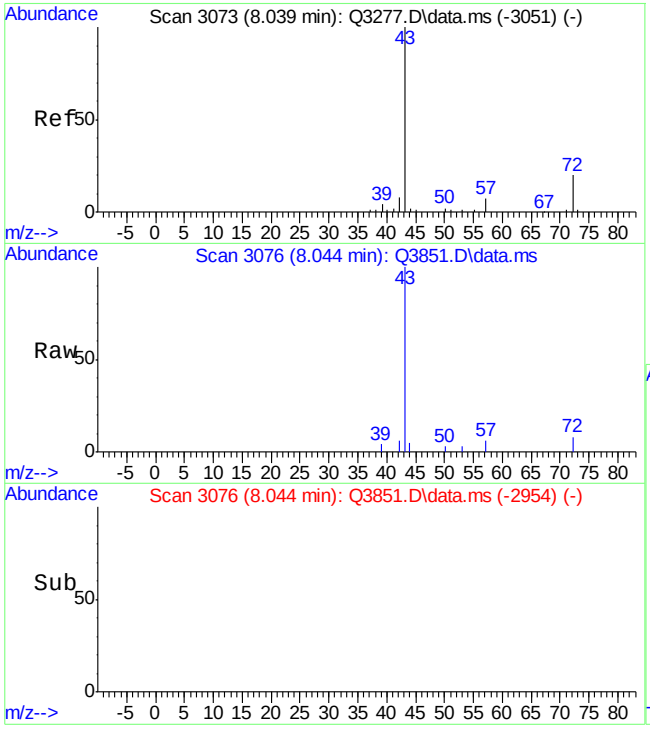


#25
HEXANE
Concen: 8.91 PPBV
RT: 8.674 min Scan# 3431
Delta R.T. 0.002 min
Lab File: Q3851.D
Acq: 29 Jun 2007 11:03 am

Tgt Ion: 57 Resp: 205322

Ion	Ratio	Lower	Upper
57	100		
56	58.0	34.3	74.3
41	109.8	58.9	98.9#

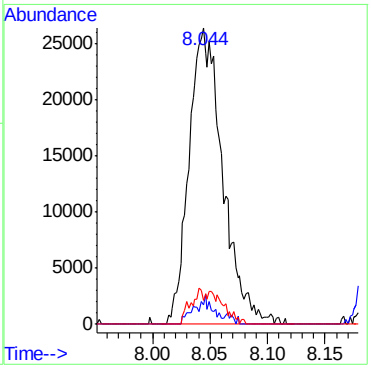


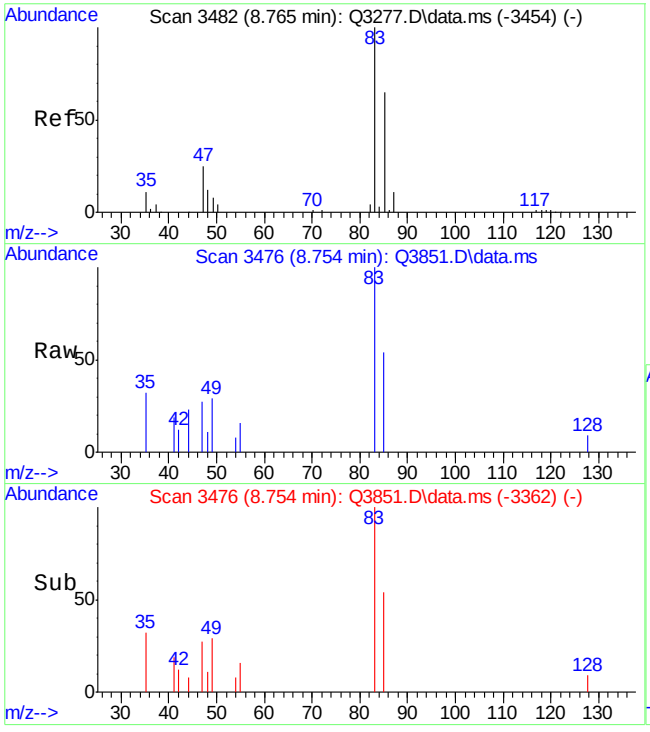


#28
METHYL ETHYL KETONE
Concen: 2.01 PPBV
RT: 8.044 min Scan# 3076
Delta R.T. 0.011 min
Lab File: Q3851.D
Acq: 29 Jun 2007 11:03 am

Tgt Ion: 43 Resp: 53593

Ion	Ratio	Lower	Upper
43	100		
57	6.5	0.0	27.7
72	8.2	0.0	34.6

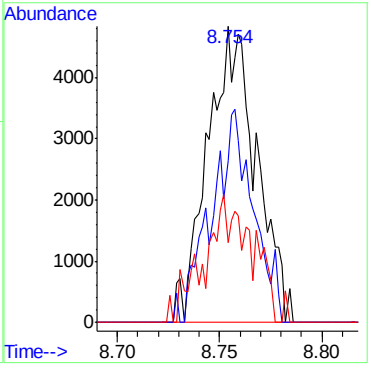


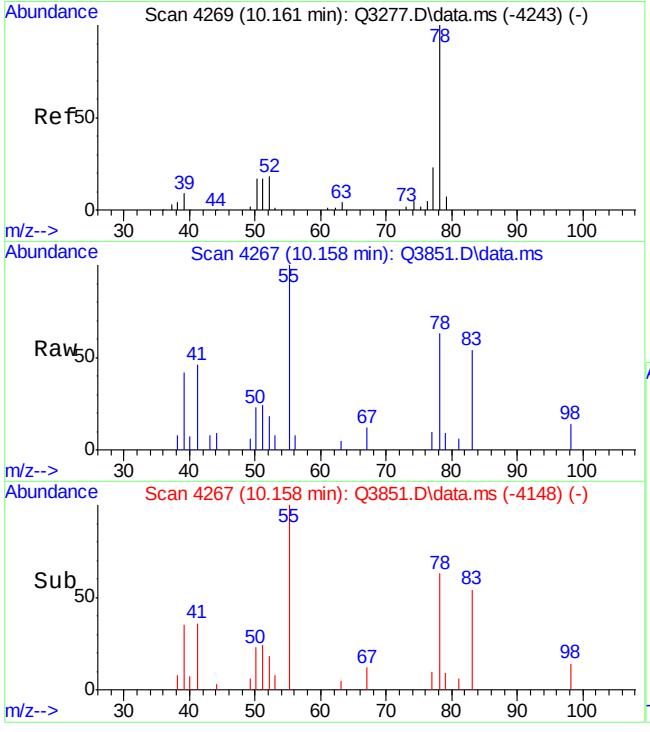


#31
CHLOROFORM
Concen: 0.31 PPBV
RT: 8.754 min Scan# 3476
Delta R.T. -0.004 min
Lab File: Q3851.D
Acq: 29 Jun 2007 11:03 am

Tgt Ion: 83 Resp: 8007

Ion	Ratio	Lower	Upper
83	100		
85	62.2	44.2	84.2
47	42.3	11.8	51.8

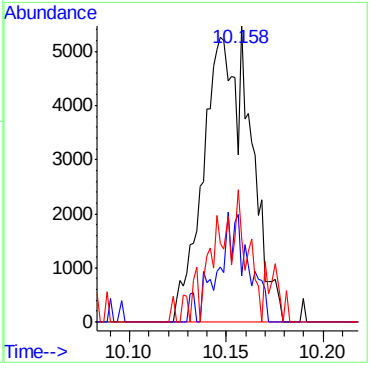


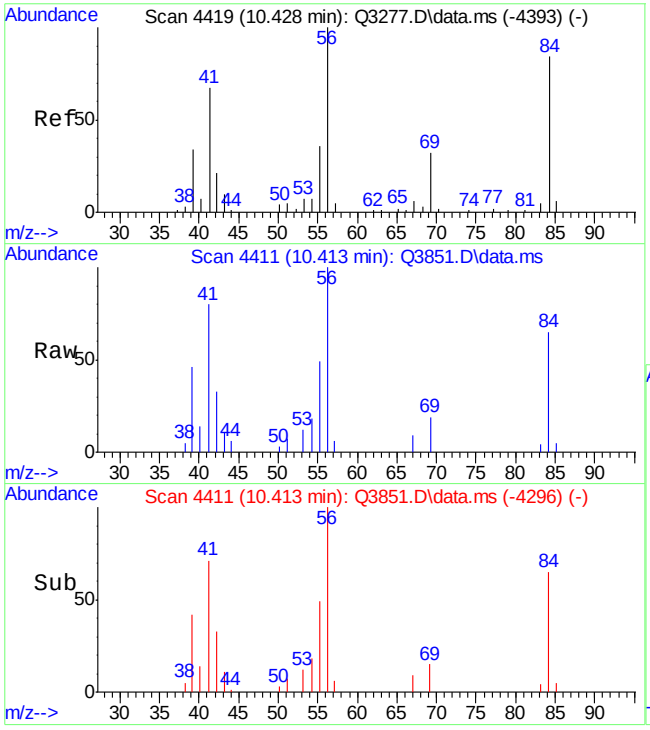


#36
BENZENE
Concen: 0.36 PPBV
RT: 10.158 min Scan# 4267
Delta R.T. 0.005 min
Lab File: Q3851.D
Acq: 29 Jun 2007 11:03 am

Tgt Ion: 78 Resp: 8975

Ion	Ratio	Lower	Upper
78	100		
77	24.9	2.8	42.8
52	18.3	5.1	45.1

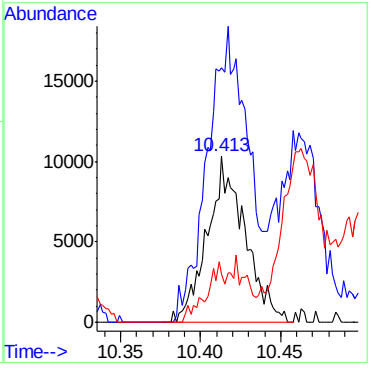


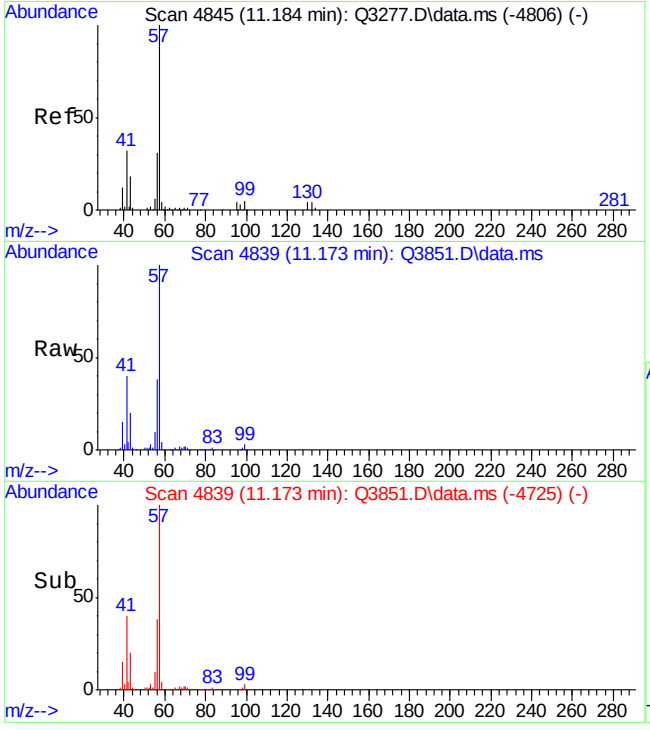


#37
CYCLOHEXANE
Concen: 1.43 PPBV
RT: 10.413 min Scan# 4411
Delta R.T. -0.002 min
Lab File: Q3851.D
Acq: 29 Jun 2007 11:03 am

Tgt Ion: 84 Resp: 16744

Ion	Ratio	Lower	Upper
84	100		
56	193.7	157.1	197.1
69	17.3	17.7	57.7#

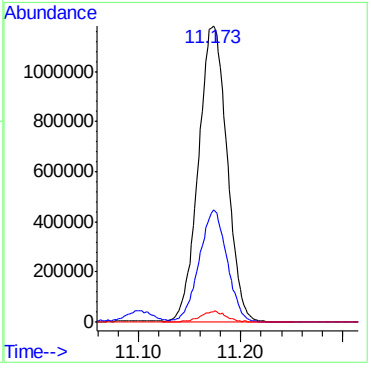


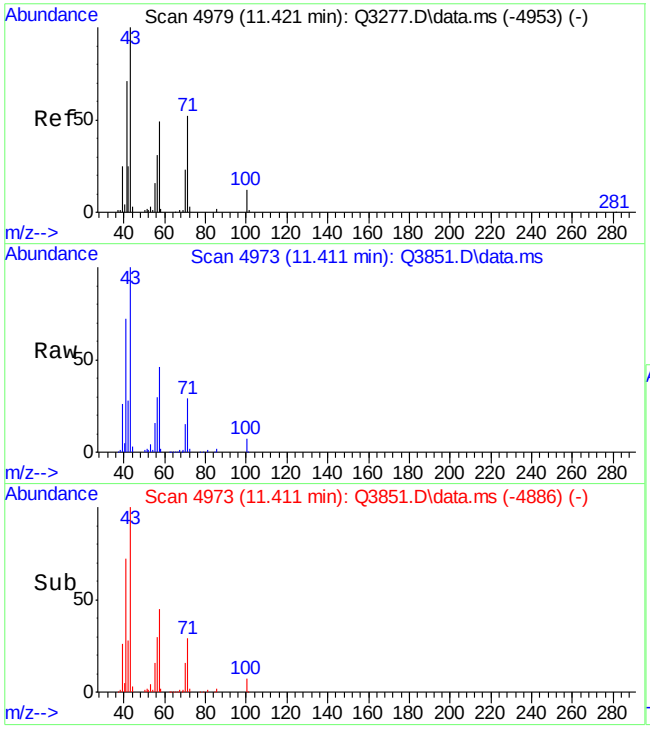


#41
2,2,4-TRIMETHYLPENTANE
Concen: 36.14 PPBV
RT: 11.173 min Scan# 4839
Delta R.T. -0.004 min
Lab File: Q3851.D
Acq: 29 Jun 2007 11:03 am

Tgt Ion: 57 Resp: 2298352

Ion	Ratio	Lower	Upper
57	100		
56	37.0	12.1	52.1
99	3.3	0.0	26.0

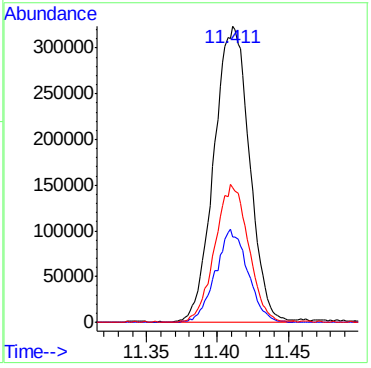


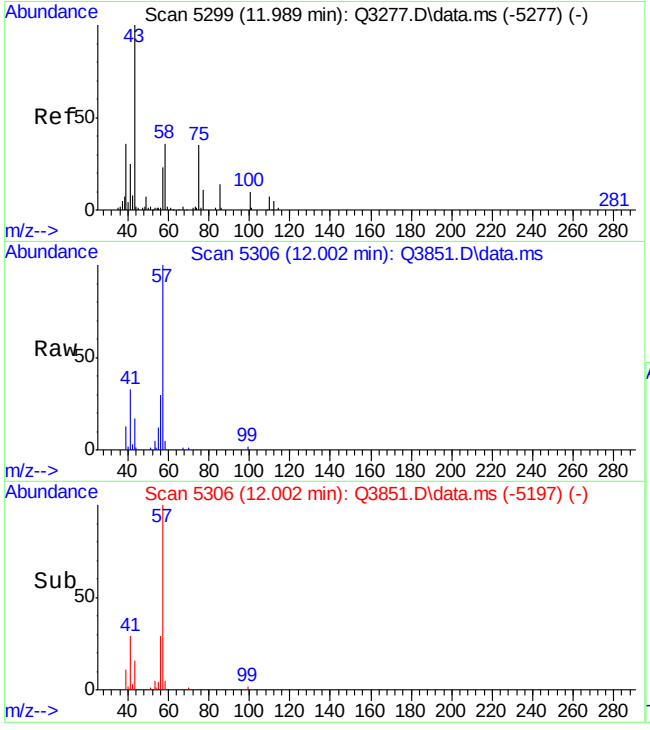


#43
HEPTANE
Concen: 23.16 PPBV
RT: 11.411 min Scan# 4973
Delta R.T. -0.000 min
Lab File: Q3851.D
Acq: 29 Jun 2007 11:03 am

Tgt Ion: 43 Resp: 565913

Ion	Ratio	Lower	Upper
43	100		
71	28.5	20.9	60.9
57	44.4	34.6	74.6

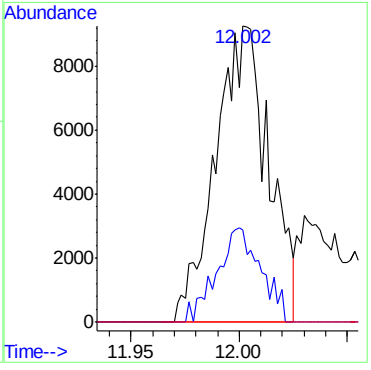


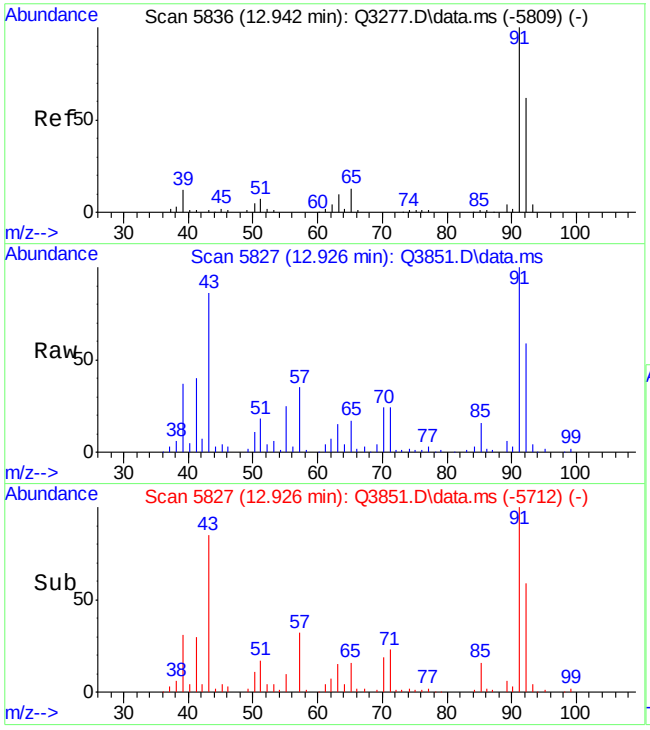


#44
METHYL ISOBUTYL KETONE
Concen: 0.57 PPBV
RT: 12.002 min Scan# 5306
Delta R.T. 0.018 min
Lab File: Q3851.D
Acq: 29 Jun 2007 11:03 am

Tgt Ion: 43 Resp: 15674

Ion	Ratio	Lower	Upper
43	100		
58	26.4	19.3	59.3
100	0.0	0.0	28.7

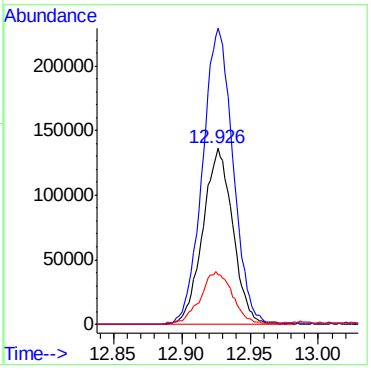


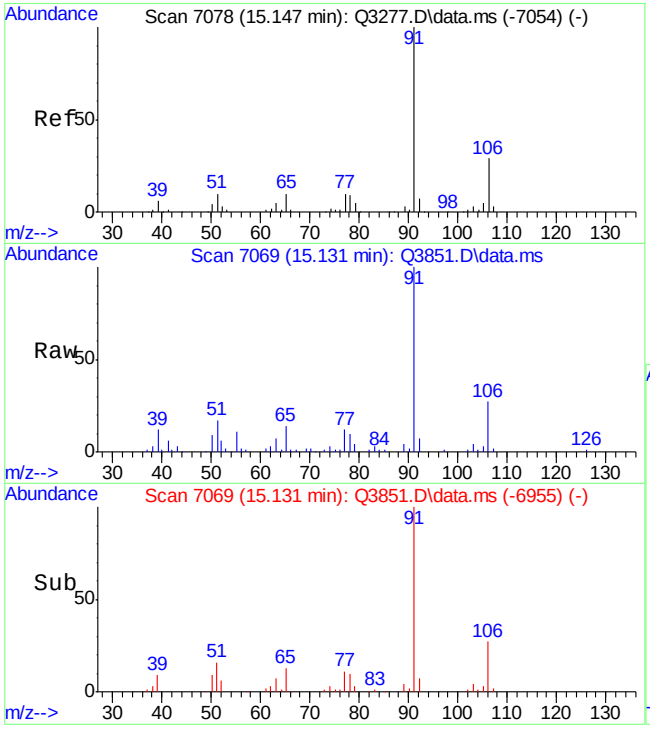


#46
TOLUENE
Concen: 13.13 PPBV
RT: 12.926 min Scan# 5827
Delta R.T. -0.002 min
Lab File: Q3851.D
Acq: 29 Jun 2007 11:03 am

Tgt Ion: 92 Resp: 208478

Ion	Ratio	Lower	Upper
92	100		
91	171.6	149.0	189.0
65	32.3	4.1	44.1

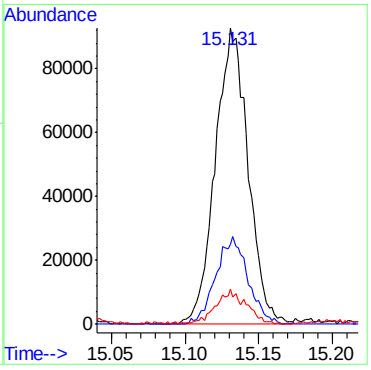


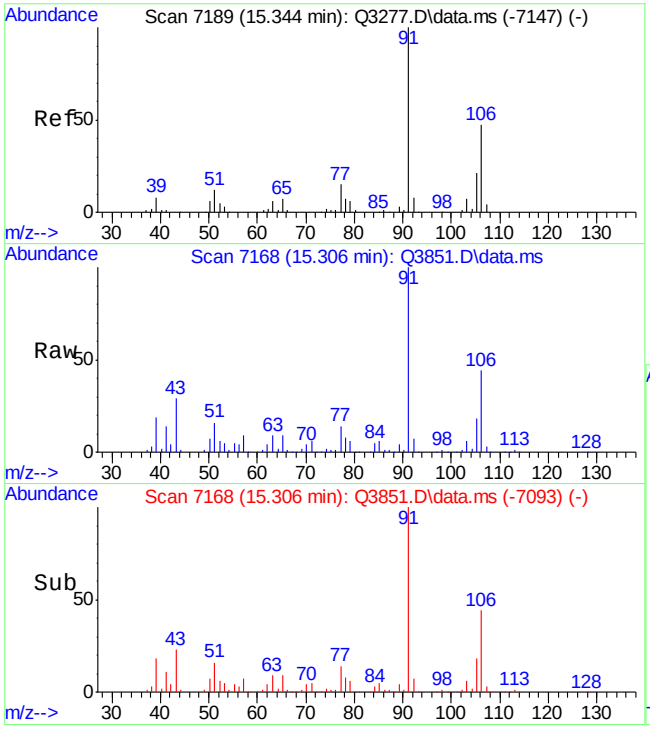


#55
ETHYLBENZENE
Concen: 3.38 PPBV
RT: 15.131 min Scan# 7069
Delta R.T. -0.004 min
Lab File: Q3851.D
Acq: 29 Jun 2007 11:03 am

Tgt Ion: 91 Resp: 143785

Ion	Ratio	Lower	Upper
91	100		
106	28.7	10.5	50.5
77	11.0	0.0	29.1

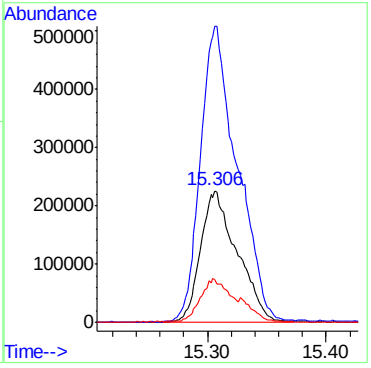


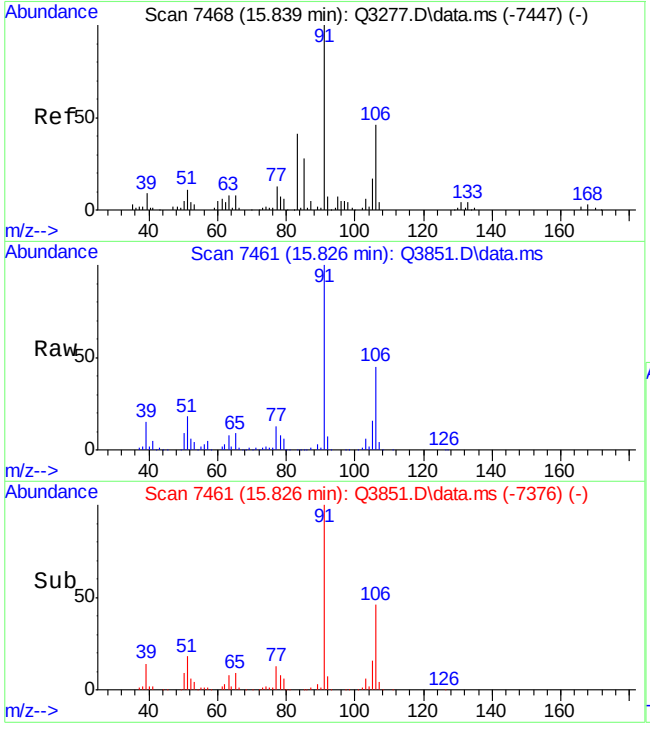


#56
m,p-XYLENE
Concen: 30.29 PPBV
RT: 15.306 min Scan# 7168
Delta R.T. -0.023 min
Lab File: Q3851.D
Acq: 29 Jun 2007 11:03 am

Tgt Ion:106 Resp: 483530

Ion	Ratio	Lower	Upper
106	100		
91	224.9	161.0	241.6
77	32.1	21.8	32.8

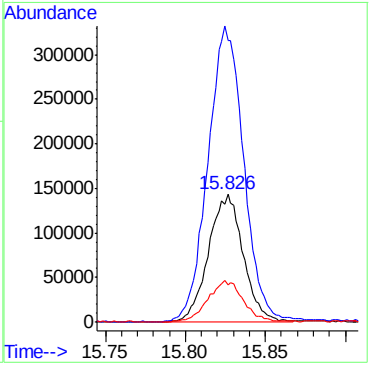


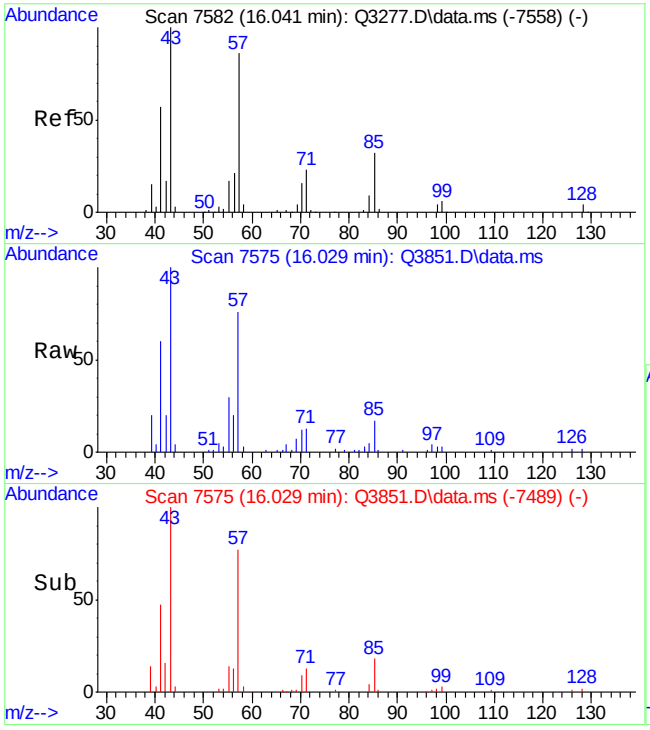


#57
o-XYLENE
Concen: 13.17 PPBV
RT: 15.826 min Scan# 7461
Delta R.T. -0.004 min
Lab File: Q3851.D
Acq: 29 Jun 2007 11:03 am

Tgt Ion:106 Resp: 216522

Ion	Ratio	Lower	Upper
106	100		
91	239.6	196.2	236.2#
77	33.4	7.8	47.8

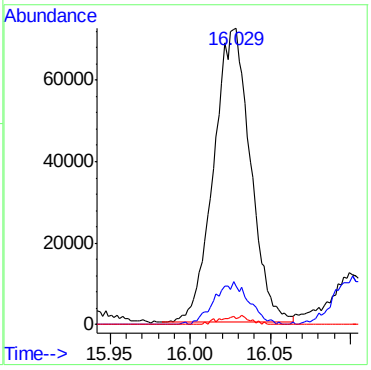


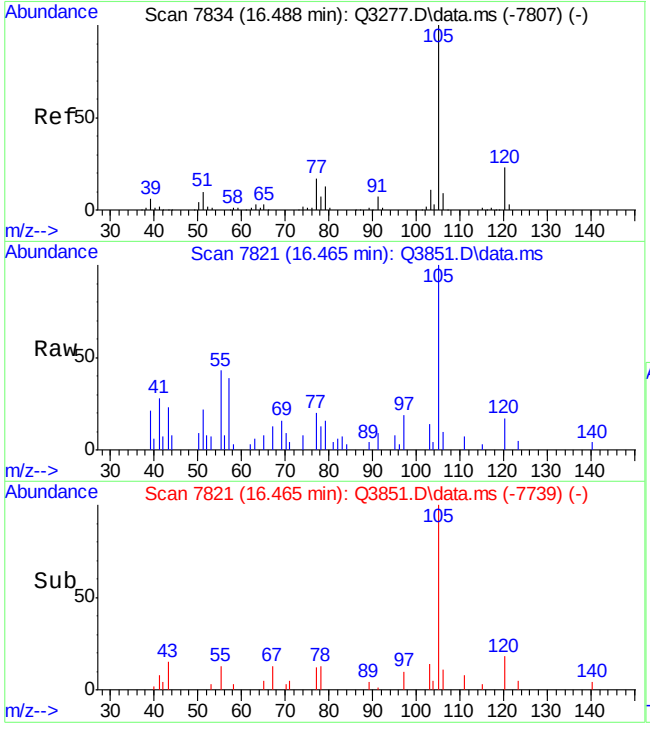


#59
NONANE
Concen: 2.68 PPBV
RT: 16.029 min Scan# 7575
Delta R.T. -0.002 min
Lab File: Q3851.D
Acq: 29 Jun 2007 11:03 am

Tgt Ion: 43 Resp: 114870

Ion	Ratio	Lower	Upper
43	100		
71	13.7	0.0	39.0
128	2.3	0.0	23.7

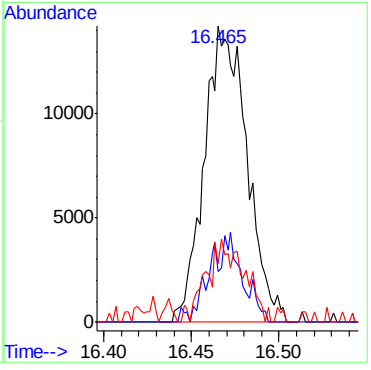


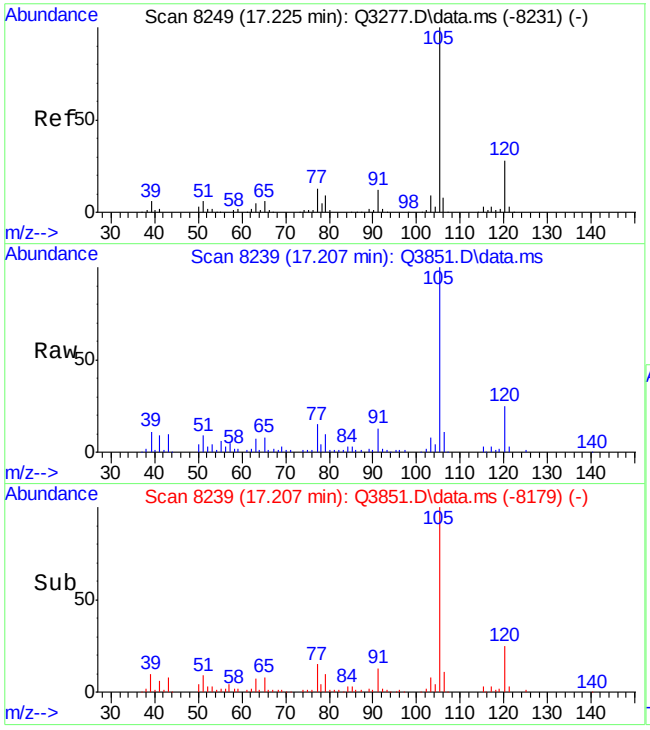


#63
ISOPROPYLBENZENE
Concen: 0.51 PPBV
RT: 16.465 min Scan# 7821
Delta R.T. -0.009 min
Lab File: Q3851.D
Acq: 29 Jun 2007 11:03 am

Tgt Ion:105 Resp: 23930

Ion	Ratio	Lower	Upper
105	100		
120	23.2	0.0	20.0#
77	25.5	0.0	20.0#

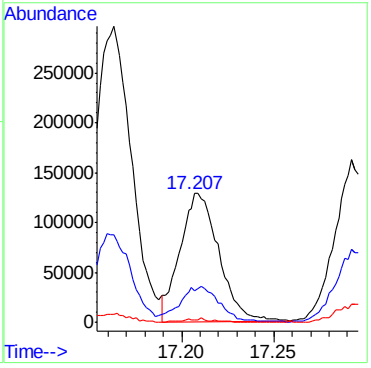


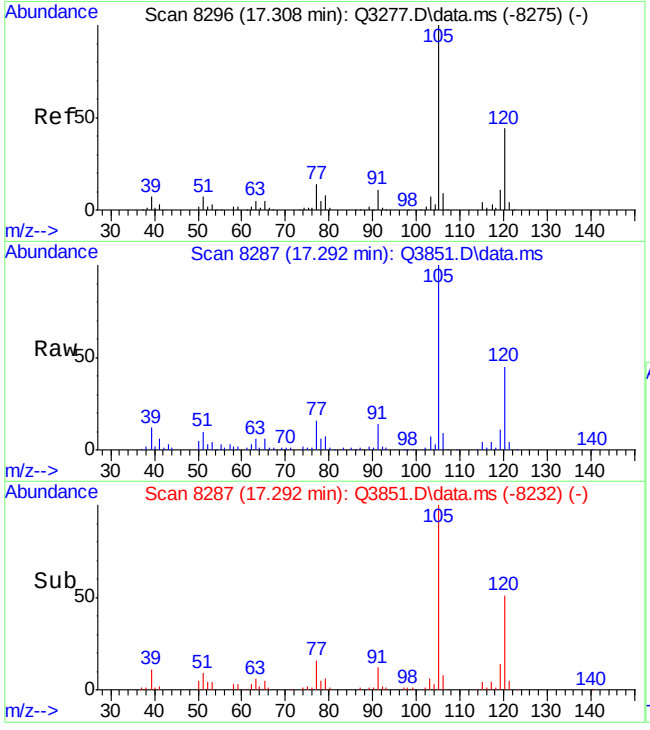


#65
4-ETHYLTOLUENE
Concen: 5.27 PPBV
RT: 17.207 min Scan# 8239
Delta R.T. -0.007 min
Lab File: Q3851.D
Acq: 29 Jun 2007 11:03 am

Tgt Ion:105 Resp: 189242

Ion	Ratio	Lower	Upper
105	100		
120	28.9	9.2	49.2
119	2.1	0.0	22.1

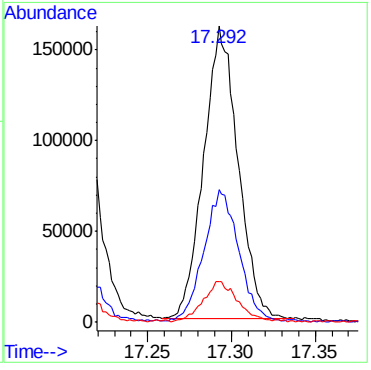


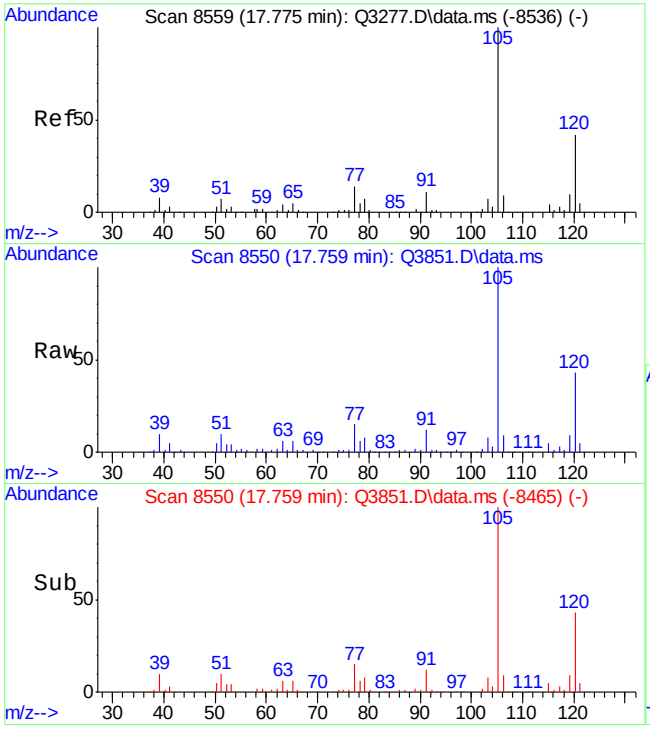


#66
1,3,5-TRIMETHYLBENZENE
Concen: 6.25 PPBV
RT: 17.292 min Scan# 8287
Delta R.T. -0.005 min
Lab File: Q3851.D
Acq: 29 Jun 2007 11:03 am

Tgt Ion:105 Resp: 231134

Ion	Ratio	Lower	Upper
105	100		
120	44.8	28.5	68.5
91	14.0	0.0	31.2

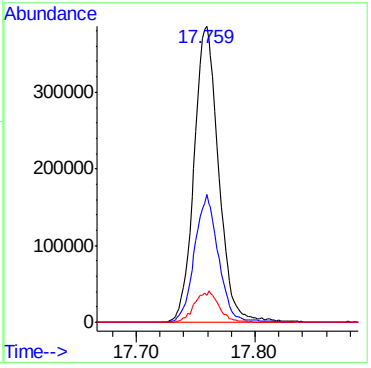




#67
1,2,4-TRIMETHYLBENZENE
Concen: 17.46 PPBV
RT: 17.759 min Scan# 8550
Delta R.T. -0.004 min
Lab File: Q3851.D
Acq: 29 Jun 2007 11:03 am

Tgt Ion:105 Resp: 555198

Ion	Ratio	Lower	Upper
105	100		
120	41.9	25.4	65.4
119	10.5	0.0	31.4



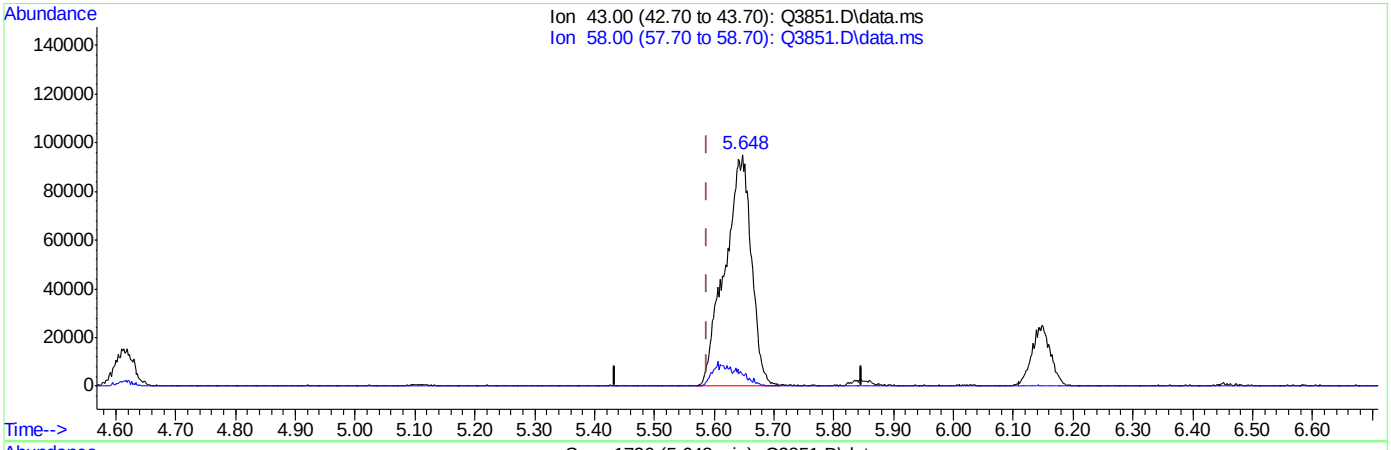
6.4.2

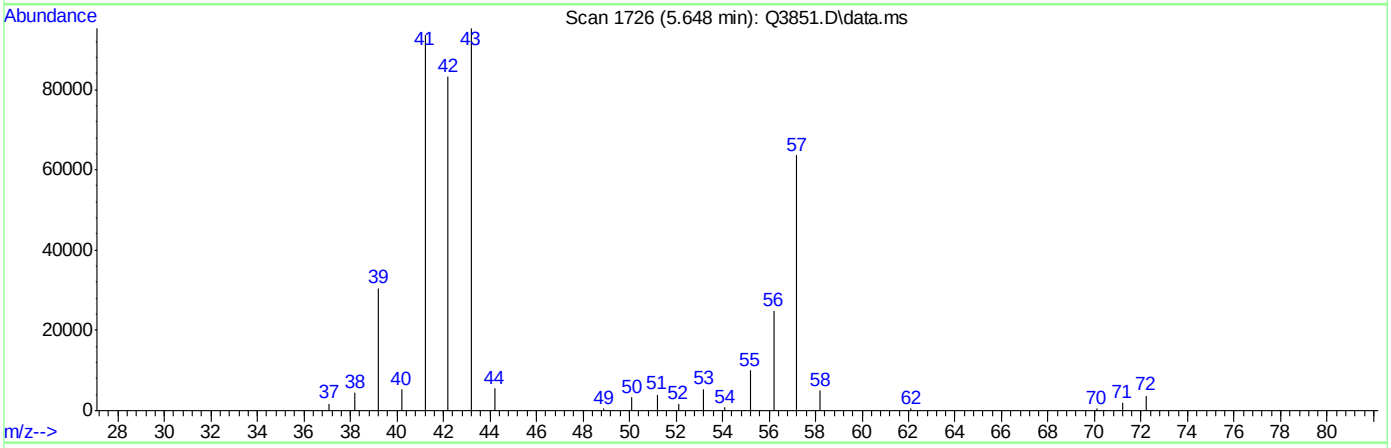
6

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3851.D
Acq On : 29 Jun 2007 11:03 am
Operator : PhilipB
Sample : M65828-1dup
Misc : MS13836, MSQ206,,,,,20
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 29 13:36:08 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 17:20:02 2007
Response via : Initial Calibration





TIC: Q3851.D\data.ms

(12) ACETONE (m)

5.648min (+0.059) 12.85PPBV

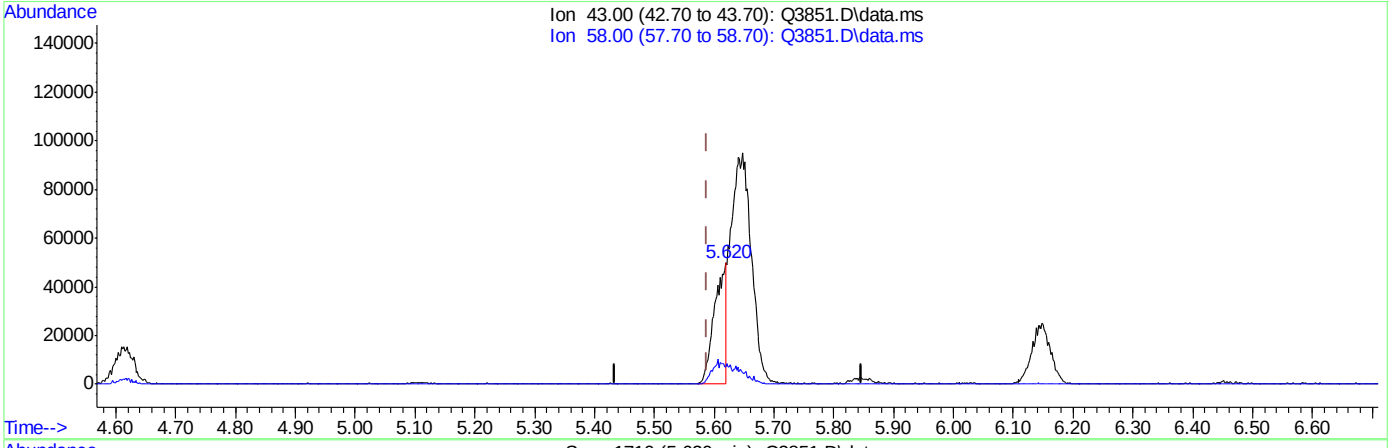
response 292445

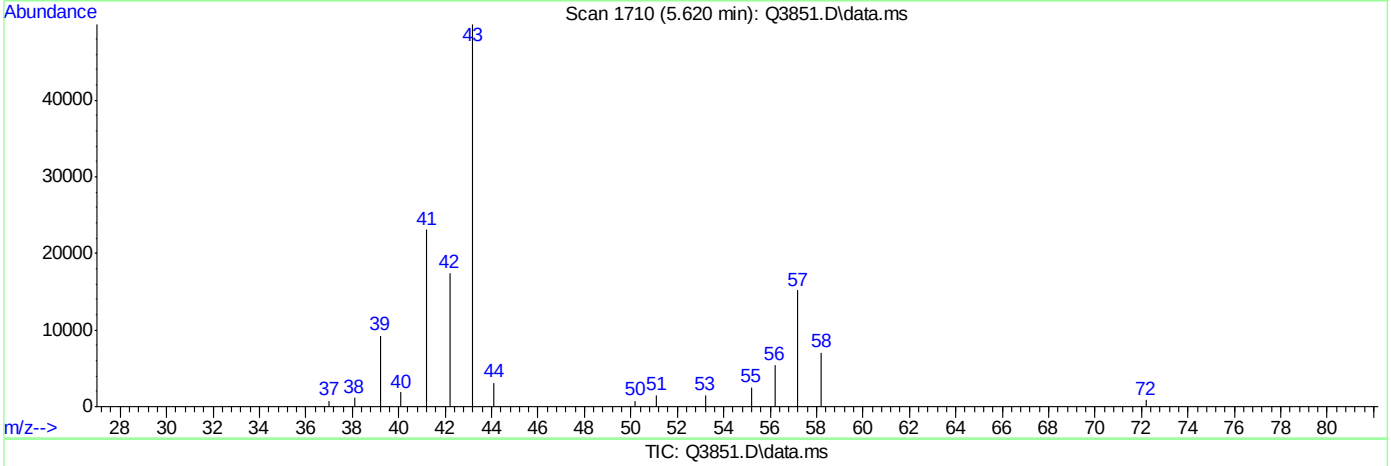
Ion	Exp%	Act%
43.00	100	100
58.00	29.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3851.D
Acq On    : 29 Jun 2007  11:03 am
Operator  : PhilipB
Sample    : M65828-1dup
Misc      : MS13836, MSQ206,,,,,20
ALS Vial  : 13   Sample Multiplier: 1

Quant Time: Jun 29 13:36:08 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 17:20:02 2007
Response via : Initial Calibration
```



TIC: Q3851.D\data.ms

(12) ACETONE (m)

5.620min (+0.031) 2.96PPBV m

response 67332

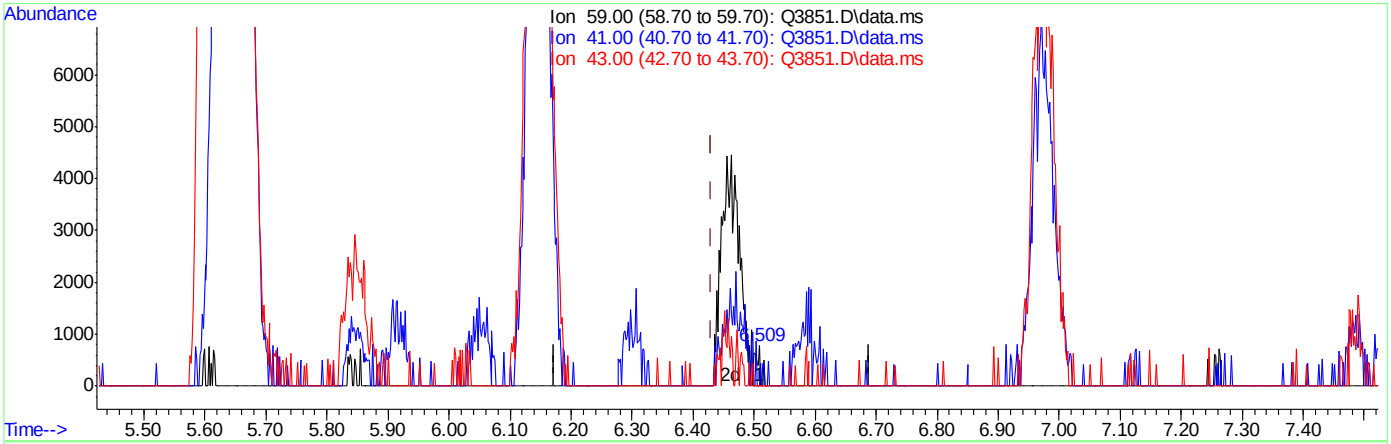
Ion	Exp%	Act%
43.00	100	100
58.00	29.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

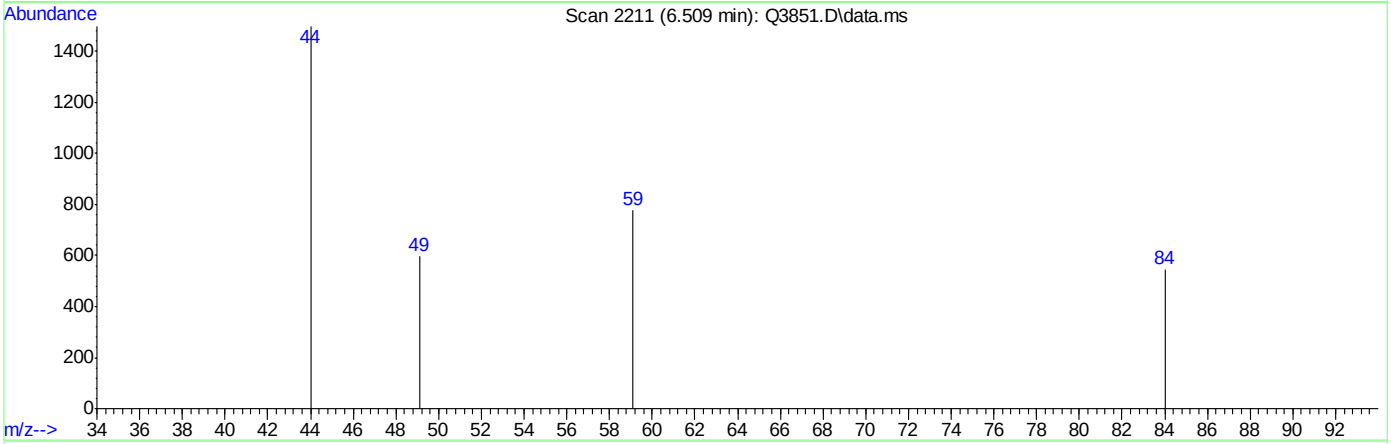
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3851.D
Acq On : 29 Jun 2007 11:03 am
Operator : PhilipB
Sample : M65828-1dup
Misc : MS13836, MSQ206,,,,,20
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 29 13:36:08 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 17:20:02 2007
Response via : Initial Calibration





TIC: Q3851.D\data.ms

(22) TERTIARY BUTYL ALCOHOL (m)

6.509min (+0.078) 0.01PPBV

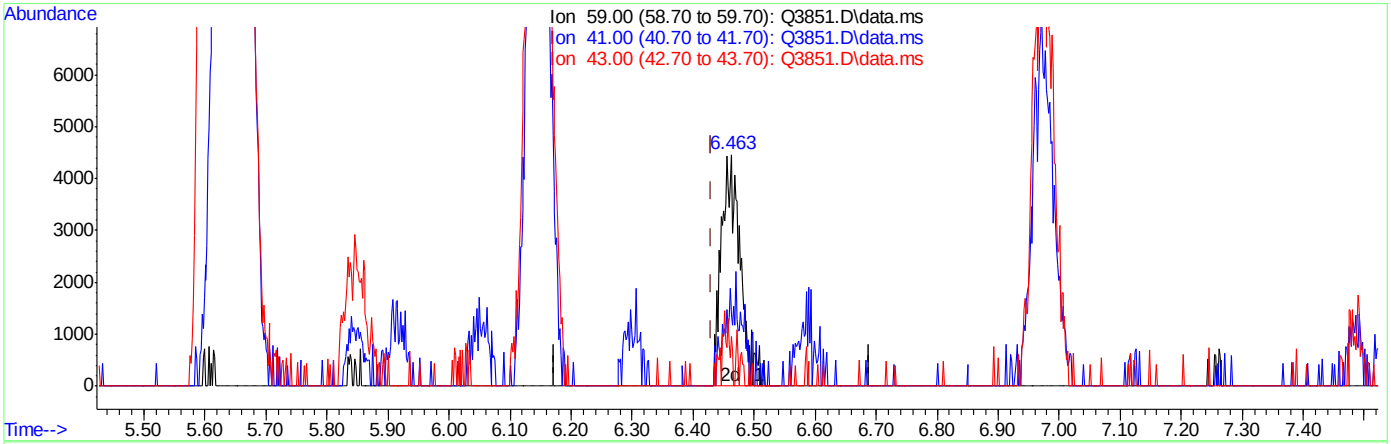
response 420

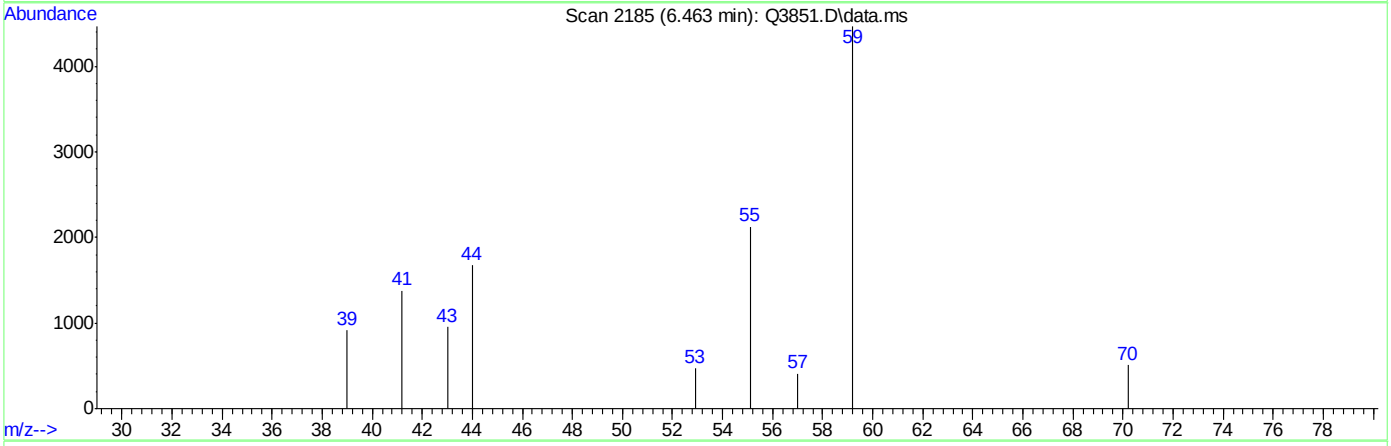
Ion	Exp%	Act%
59.00	100	100
41.00	16.40	33.10
43.00	13.40	22.14
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3851.D
Acq On : 29 Jun 2007 11:03 am
Operator : PhilipB
Sample : M65828-1dup
Misc : MS13836, MSQ206,,,,,20
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 29 13:36:08 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 17:20:02 2007
Response via : Initial Calibration





TIC: Q3851.D\data.ms

(22) TERTIARY BUTYL ALCOHOL (m)

6.463min (+0.032) 0.33PPBV m

response 9418

Ion	Exp%	Act%
59.00	100	100
41.00	16.40	1.48
43.00	13.40	0.99
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10597.D
Acq On : 8 Jun 2007 1:34 am
Operator : danat
Sample : m65337-5 (m125)
Misc : MS13707, MSJ548,,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 08 16:36:06 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	282837	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.43	114	1134746	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1047764	10.00	PPBV	-0.01

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	313202	4.93	PPBV	-0.02

Spiked Amount 5.000 Range 51 - 142 Recovery = 98.60%

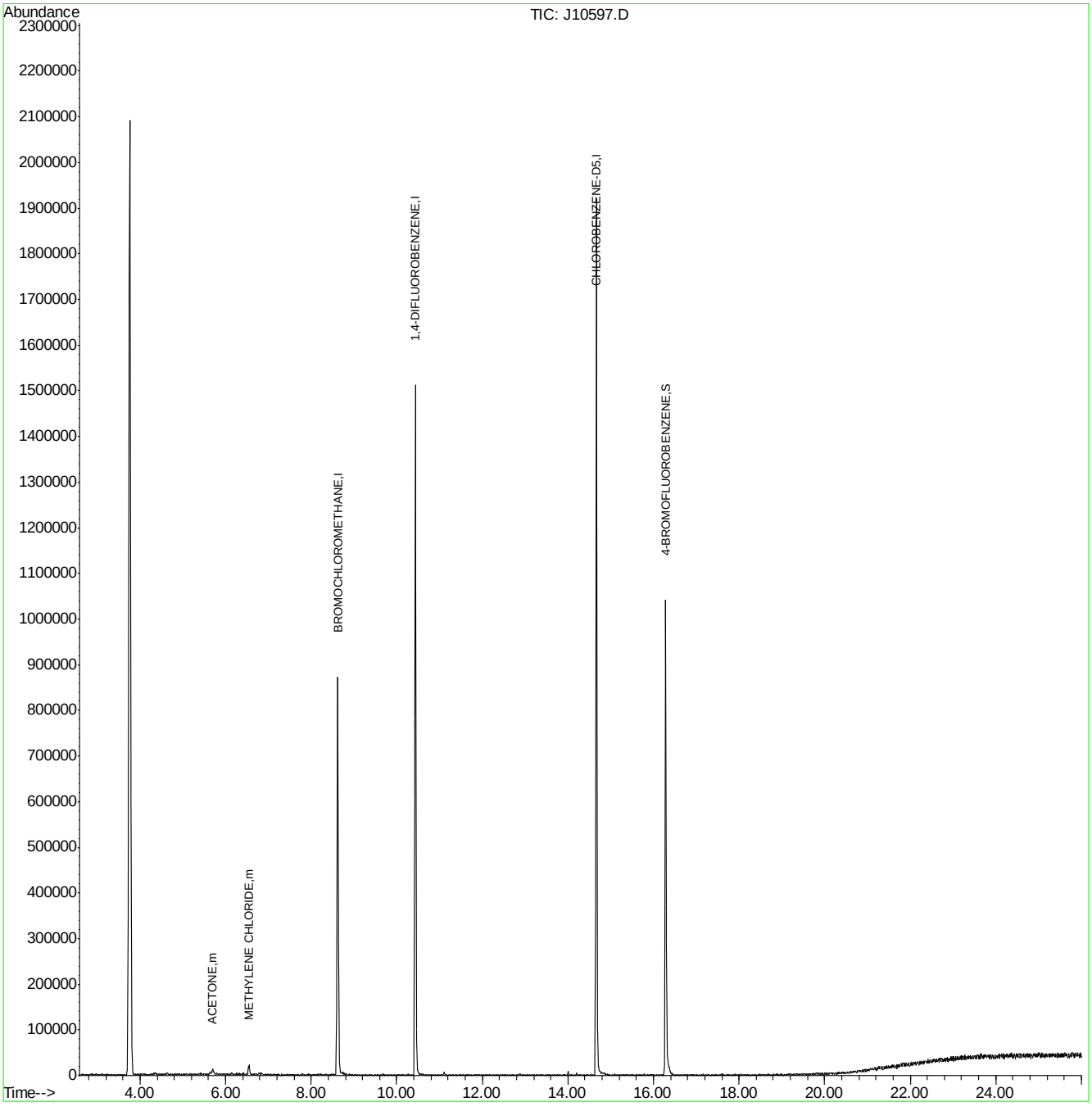
Target Compounds						Qvalue
12) ACETONE	5.69	43	19554	0.51	PPBV	95
18) METHYLENE CHLORIDE	6.54	84	11349	0.47	PPBV	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

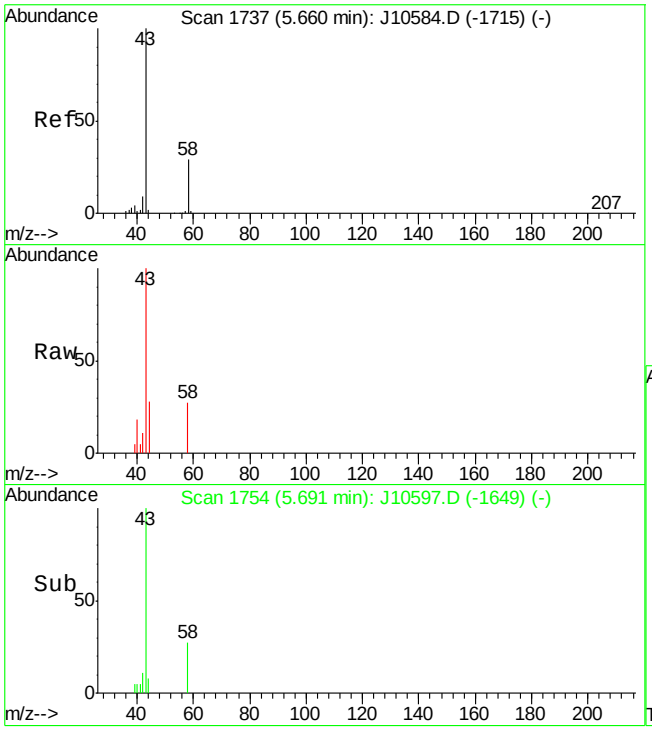
Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10597.D
Acq On : 8 Jun 2007 1:34 am
Operator : danat
Sample : m65337-5 (m125)
Misc : MS13707, MSJ548,,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 08 16:36:06 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration



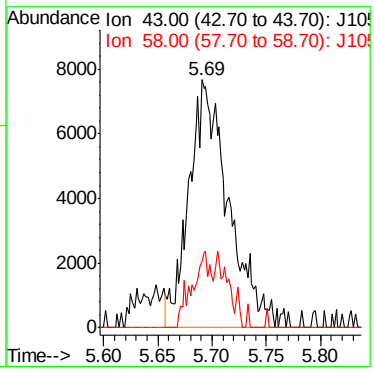
J060707T.M Fri Jun 08 16:36:12 2007 Page: 2

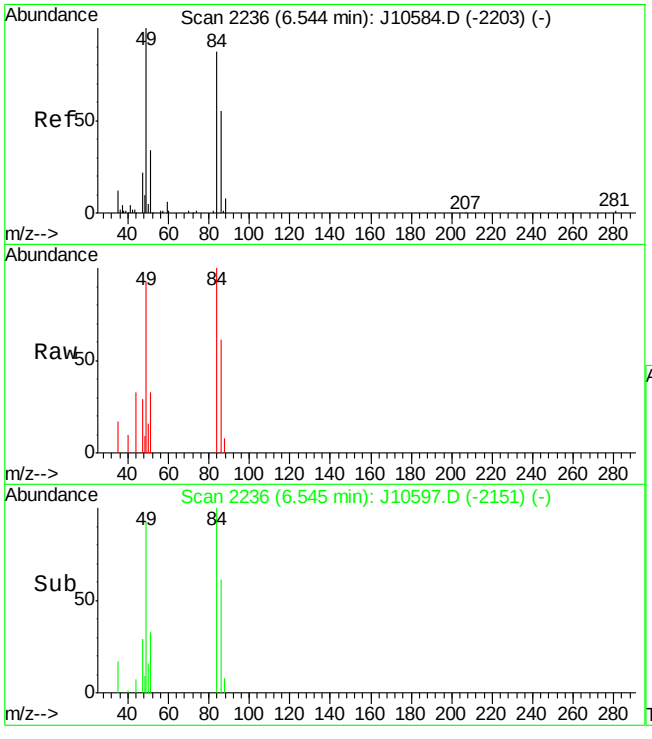


#12
ACETONE
Concen: 0.51 PPBV
RT: 5.69 min Scan# 1754
Delta R.T. 0.03 min
Lab File: J10597.D
Acq: 8 Jun 2007 1:34 am

Tgt Ion: 43 Resp: 19554

Ion	Ratio	Lower	Upper
43	100		
58	25.1	7.7	47.7

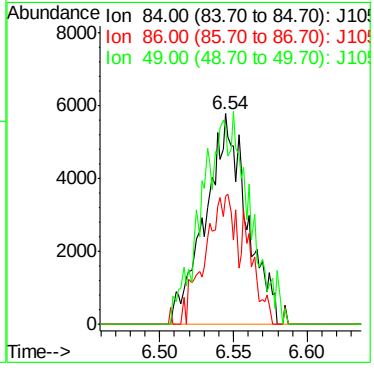




#18
METHYLENE CHLORIDE
Concen: 0.47 PPBV
RT: 6.54 min Scan# 2236
Delta R.T. 0.00 min
Lab File: J10597.D
Acq: 8 Jun 2007 1:34 am

Tgt Ion: 84 Resp: 11349

Ion	Ratio	Lower	Upper
84	100		
86	44.2	43.8	83.8
49	113.1	0.0	319.3



Manual Integrations
APPROVED
(compounds with "m" flag)
Doug Yargeau
06/15/07 16:35

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3726.D
Acq On : 14 Jun 2007 8:32 pm
Operator : PhilipB
Sample : M65337-17 (M035)
Misc : MS13754, MSQ201,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 15 09:47:21 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 17:36:13 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.435	128	42207	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.348	114	195852	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	268715	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.336	95	100606	4.12	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 82.40%

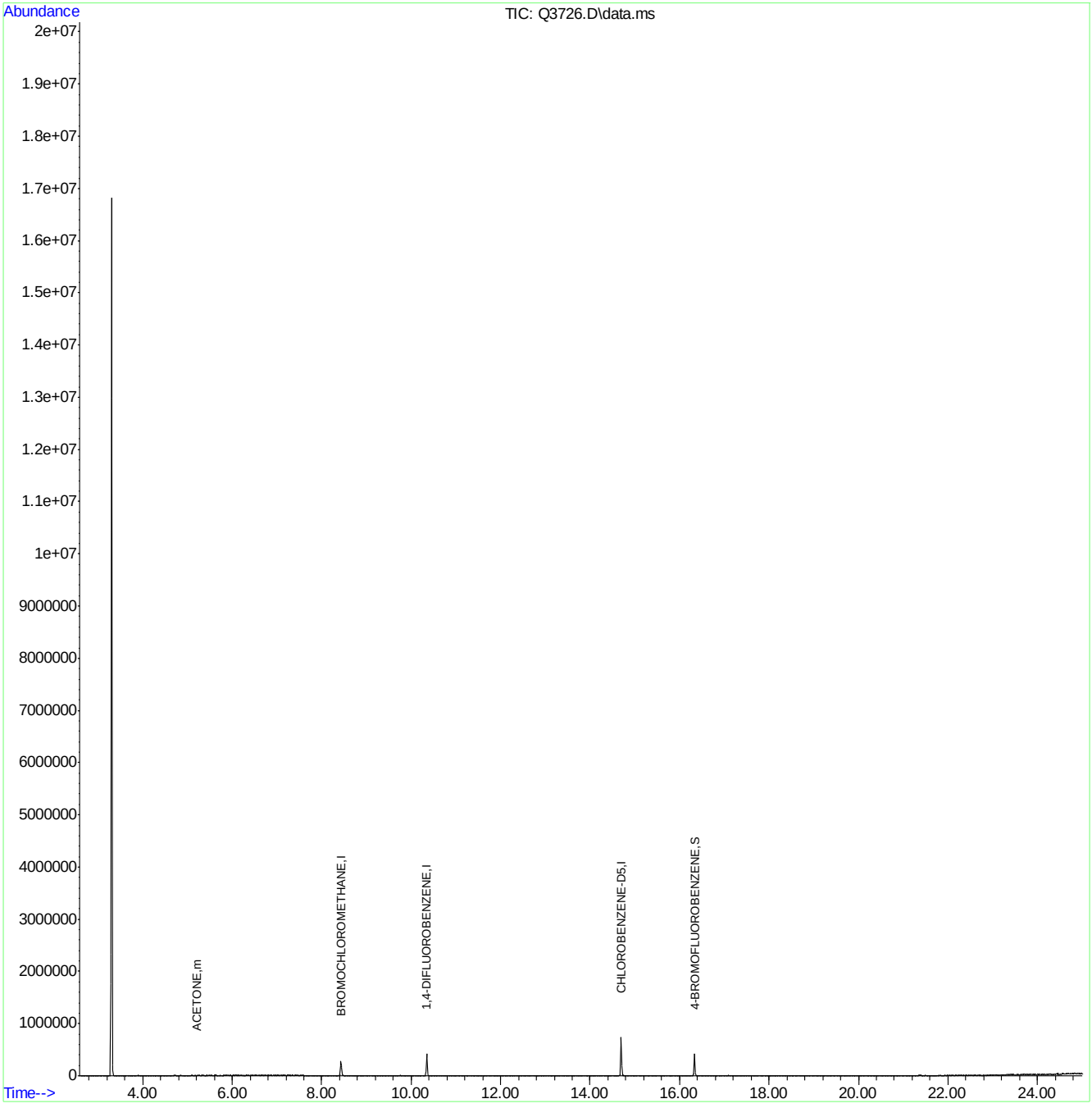
Target Compounds						Qvalue
12) ACETONE	5.224	43	6558m	0.48	PPBV	

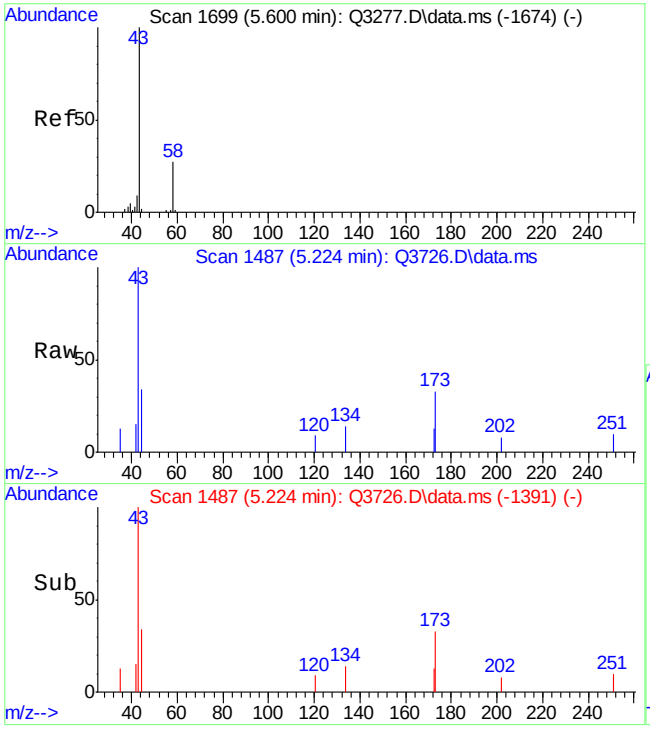
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3726.D
Acq On : 14 Jun 2007 8:32 pm
Operator : PhilipB
Sample : M65337-17 (M035)
Misc : MS13754, MSQ201,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 15 09:47:21 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 17:36:13 2007
Response via : Initial Calibration

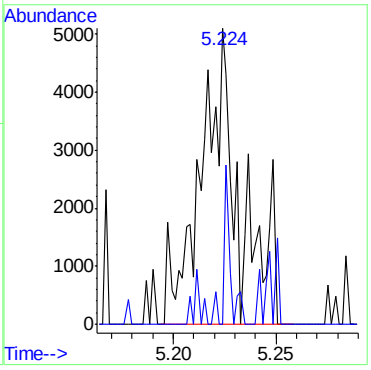




#12
ACETONE
Concen: 0.48 PPBV m
RT: 5.224 min Scan# 1487
Delta R.T. 0.016 min
Lab File: Q3726.D
Acq: 14 Jun 2007 8:32 pm

Tgt Ion: 43 Resp: 6558

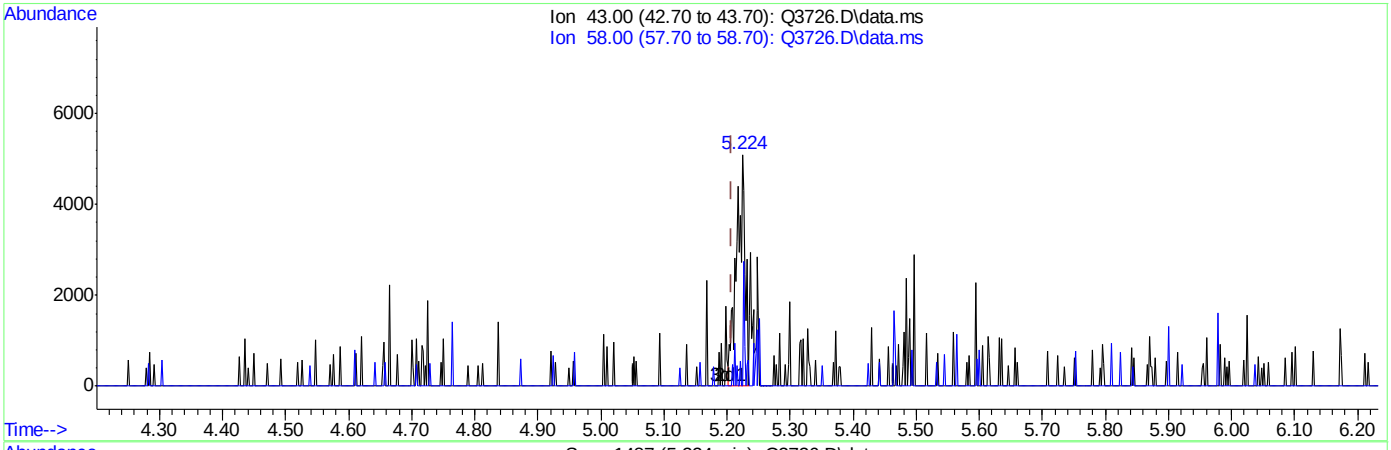
Ion	Ratio	Lower	Upper
43	100		
58	7.5	0.0	20.3

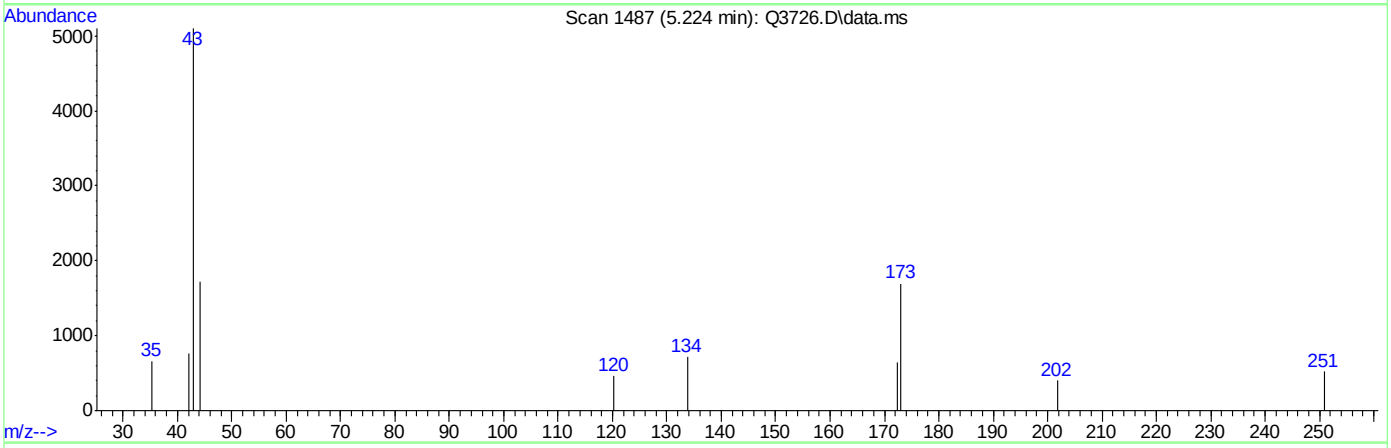


Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3726.D
Acq On    : 14 Jun 2007   8:32 pm
Operator  : PhilipB
Sample    : M65337-17 (M035)
Misc      : MS13754, MSQ201,,,,,1
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Jun 15 09:32:50 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 17:36:13 2007
Response via : Initial Calibration
```



TIC: Q3726.D\data.ms

(12) ACETONE (m)

5.224min (+0.016) 0.35PPBV

response 4703

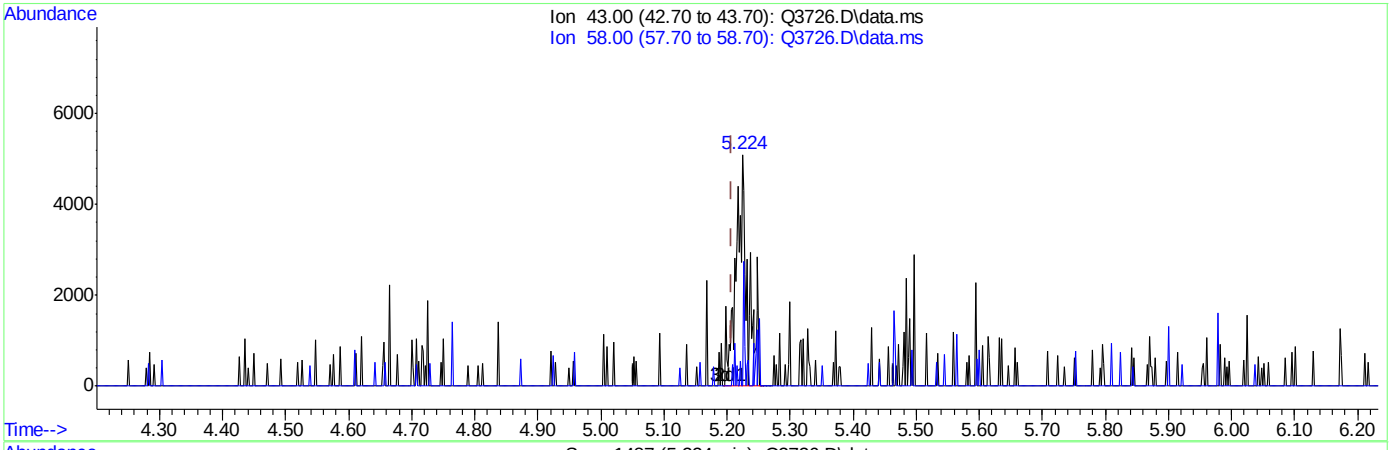
Ion	Exp%	Act%
43.00	100	100
58.00	0.30	10.53
0.00	0.00	0.00
0.00	0.00	0.00

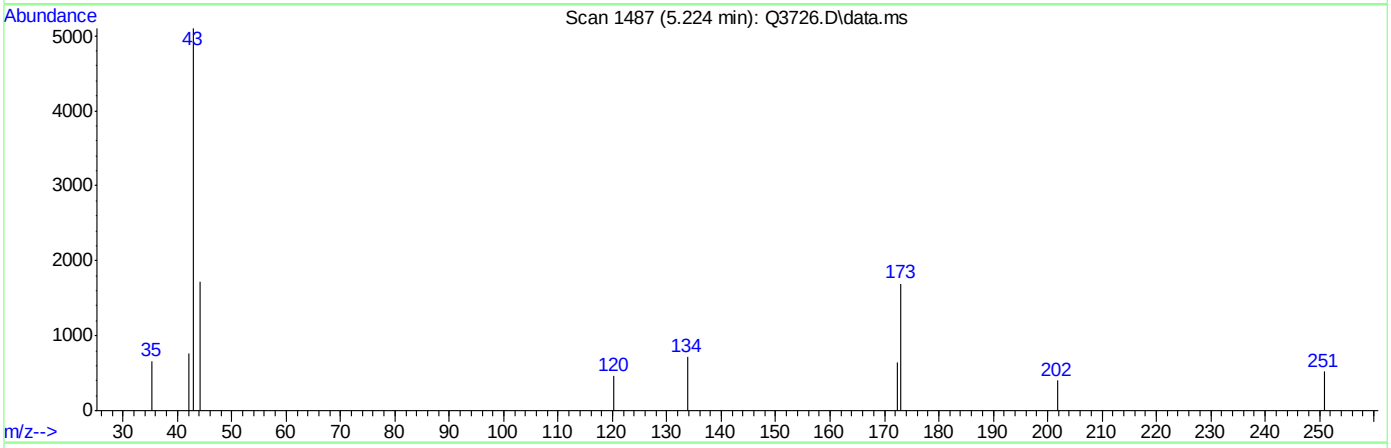
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3726.D
Acq On : 14 Jun 2007 8:32 pm
Operator : PhilipB
Sample : M65337-17 (M035)
Misc : MS13754, MSQ201,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 15 09:32:50 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 17:36:13 2007
Response via : Initial Calibration





TIC: Q3726.D\data.ms

(12) ACETONE (m)

5.224min (+0.016) 0.48PPBV m

response 6558

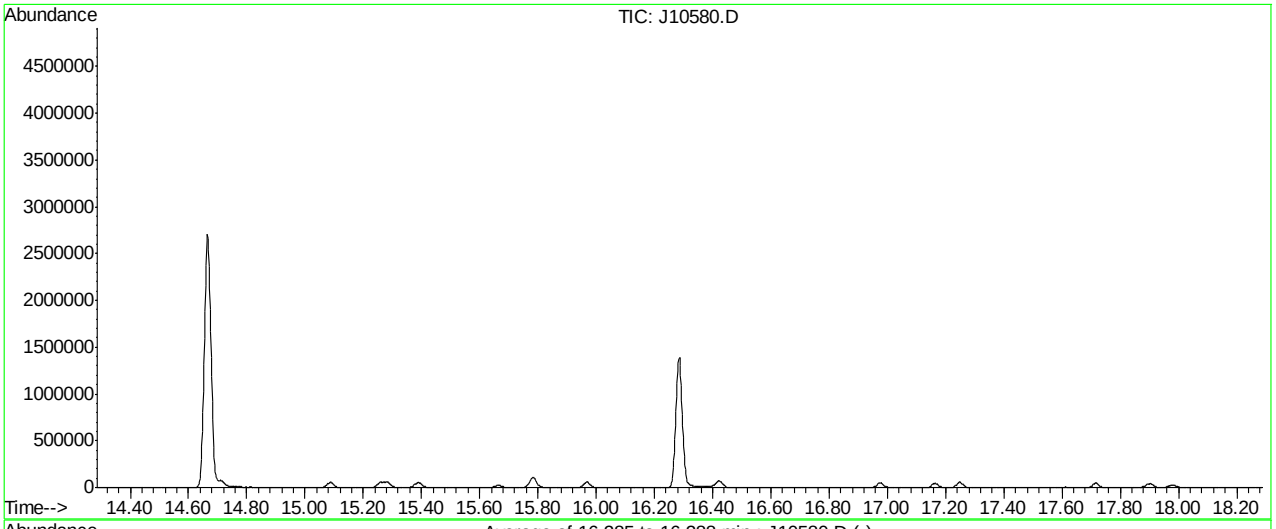
Ion	Exp%	Act%
43.00	100	100
58.00	0.30	7.55
0.00	0.00	0.00
0.00	0.00	0.00

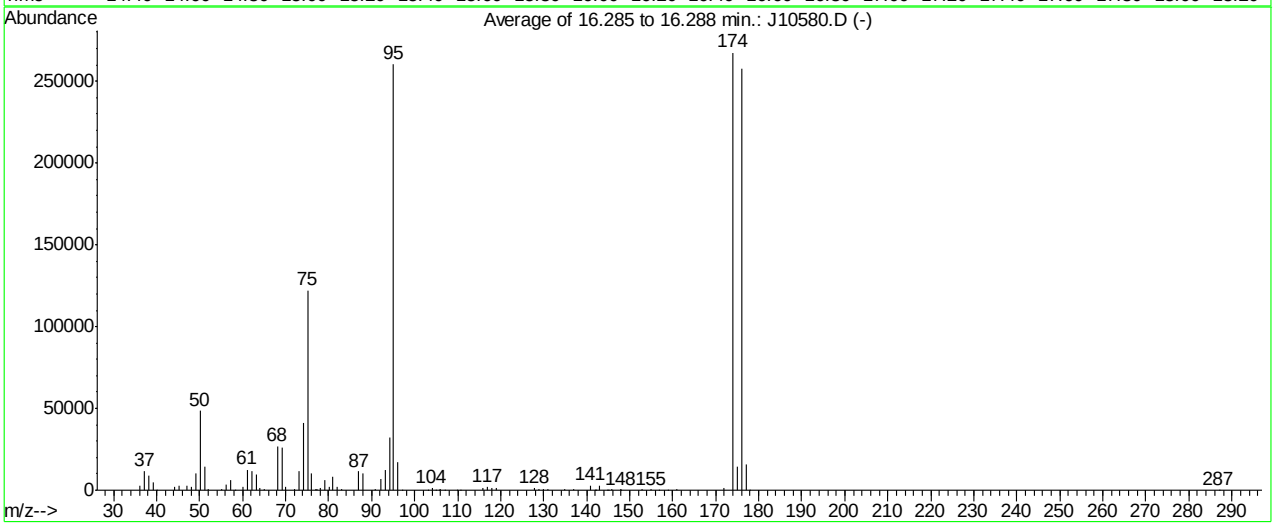
BFB

Data File : C:\MSDChem\1\data\J10580.D
Acq On : 7 Jun 2007 9:39 am
Sample : ic548-0.5 (m122)
Misc : MS13684, MSJ548,,,,,1
MS Integration Params: LSCINT.P

Vial: 1
Operator: danat
Inst : MSJ
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





AutoFind: Scans 7734, 7735, 7736; Background Corrected with Scan 7710

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	18.6	48352	PASS
75	95	30	66	46.9	122221	PASS
95	95	100	100	100.0	260629	PASS
96	95	5	9	6.7	17365	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	102.7	267626	PASS
175	174	4	9	5.3	14306	PASS
176	174	93	101	96.4	257984	PASS
177	176	5	9	6.0	15568	PASS

J10580.D J060707T.M Thu Jun 07 16:48:01 2007

Average of 16.285 to 16.288 min.: J10580.D
ic548-0.5 (m122)
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.20	2608	51.15	14484	65.15	1022	77.95	1204
37.15	11709	52.10	699	68.10	26978	79.00	6421
38.15	9158	55.05	645	69.10	26045	80.05	1992
39.15	4484	56.10	3485	70.10	1830	81.00	8428
39.95	324	57.10	6430	72.15	1005	82.00	1995
44.10	2108	58.20	212	73.10	11782	83.10	563
45.10	2549	60.15	2335	74.10	40872	87.05	11359
47.05	2506	61.10	12416	75.10	122221	88.00	10249
48.15	1792	62.10	11618	76.10	10627	90.95	1022
49.15	10215	63.10	9352	77.05	891	92.05	6981
50.10	48352	64.05	1202	77.30	520	93.10	12161

Average of 16.285 to 16.288 min.: J10580.D
ic548-0.5 (m122)
Modified:subtracted

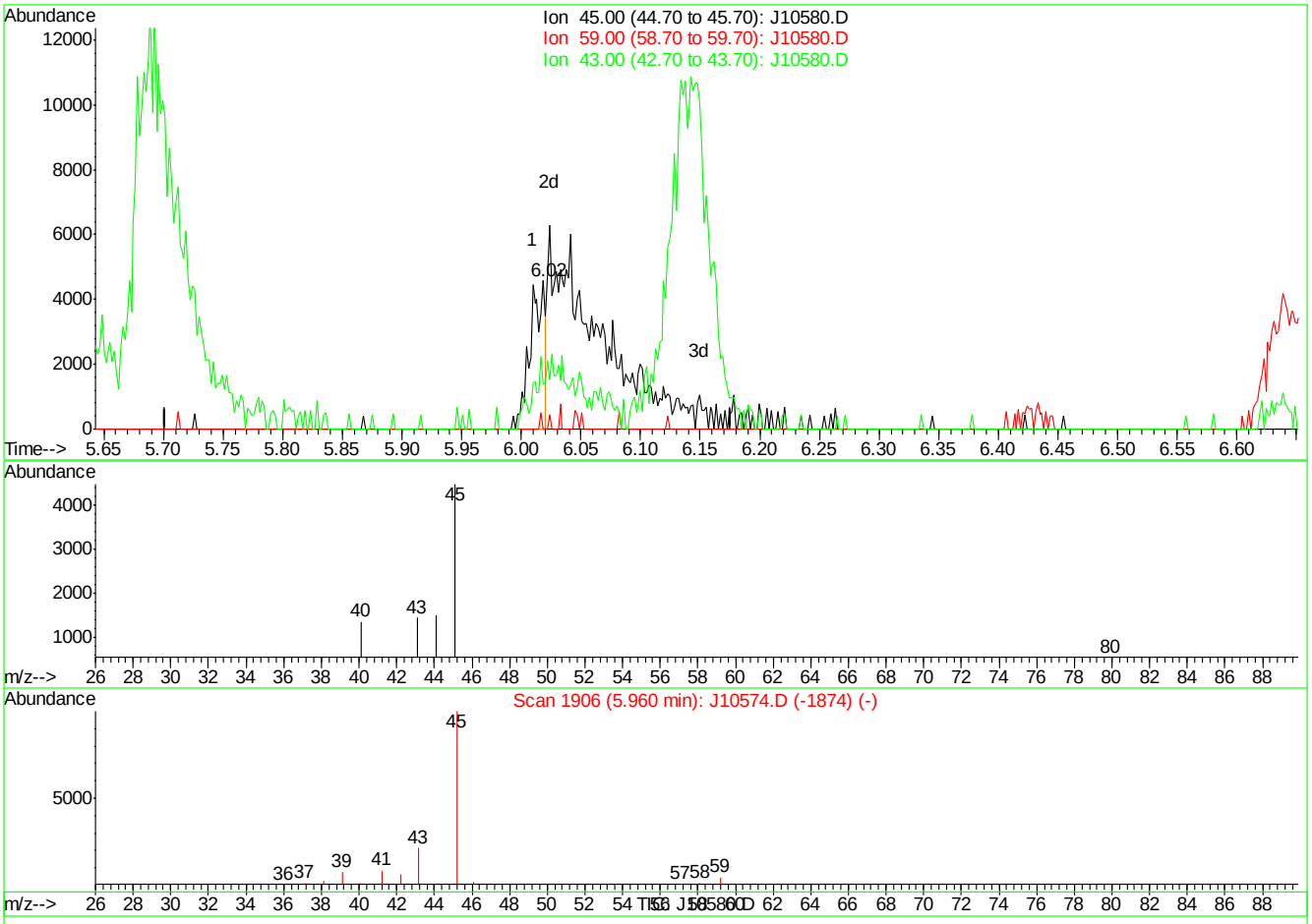
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
94.15	32104	110.70	174	141.00	3045	156.90	219
95.10	260629	115.95	1179	141.90	279	158.80	264
96.10	17365	117.00	1816	142.20	235	160.85	416
97.00	283	117.90	1249	143.00	2549	171.95	1539
103.10	147	119.00	1661	144.70	239	174.00	267626
104.00	1196	127.90	1274	145.00	348	175.00	14306
104.95	298	128.90	404	145.95	593	176.00	257984
105.70	220	129.95	886	147.80	274	177.00	15568
106.00	735	130.85	579	147.95	580	177.90	185
106.90	204	134.95	371	152.90	372	287.00	157
109.80	146	137.00	640	155.00	631		

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 10:11:17 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:11:07 2007
Response via : Multiple Level Calibration



(11) ISOPROPYL ALCOHOL (m)

6.01min 0.09PPBV

response 3923

Ion	Exp%	Act%
45.00	100	100
59.00	4.40	0.00
43.00	21.90	32.31
0.00	0.00	0.00

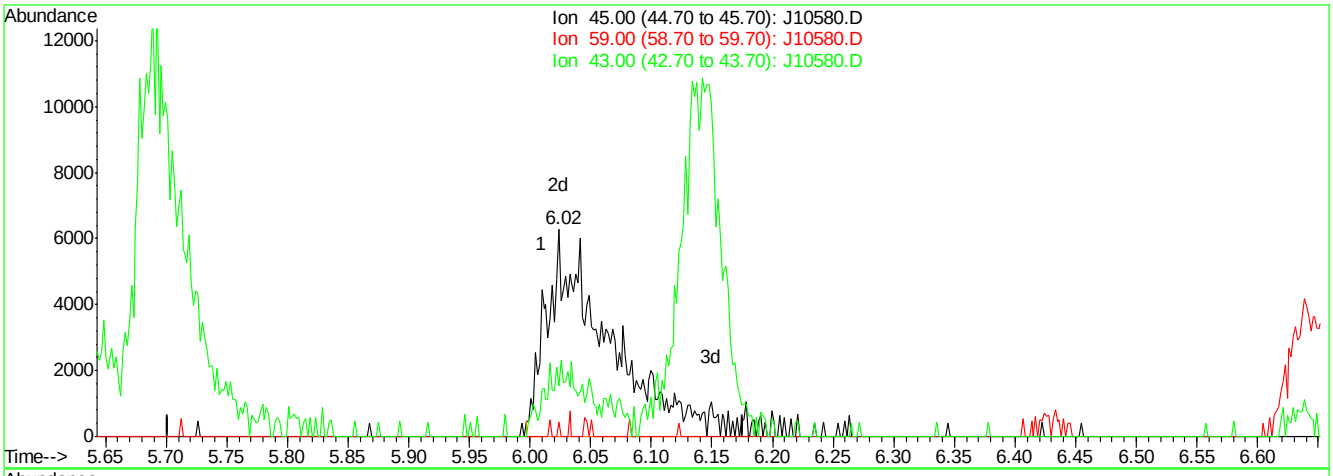
J10580.D J060707T.M Thu Jun 07 10:11:50 2007

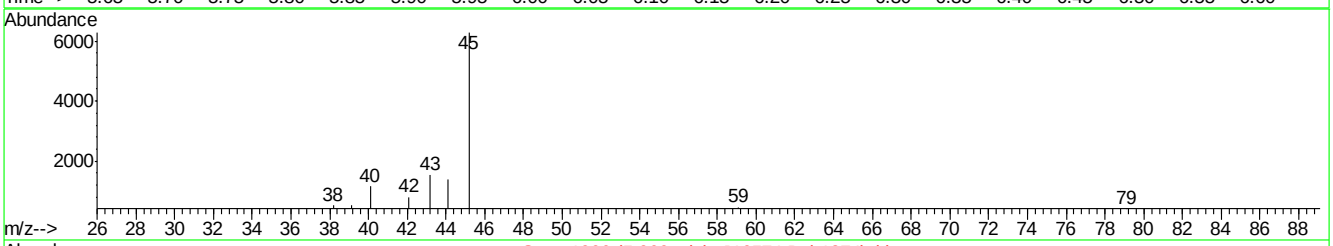
Quantitation Report (Qedit)

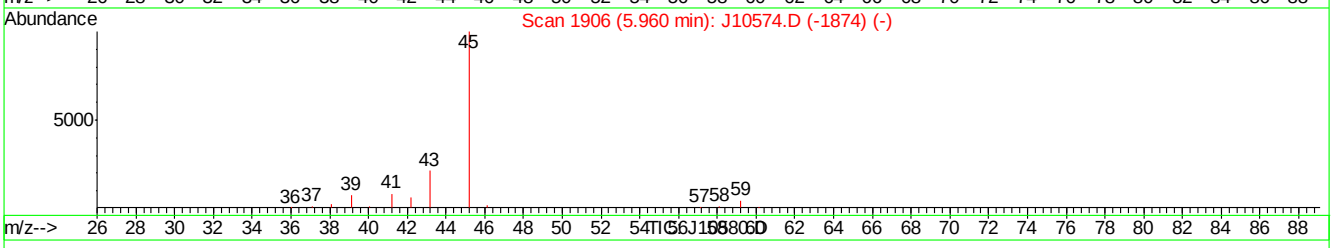
Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 10:11:17 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:11:07 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.02min 0.49PPBV m

response 21552

Ion	Exp%	Act%
45.00	100	100
59.00	4.40	7.28
43.00	21.90	24.31
0.00	0.00	0.00

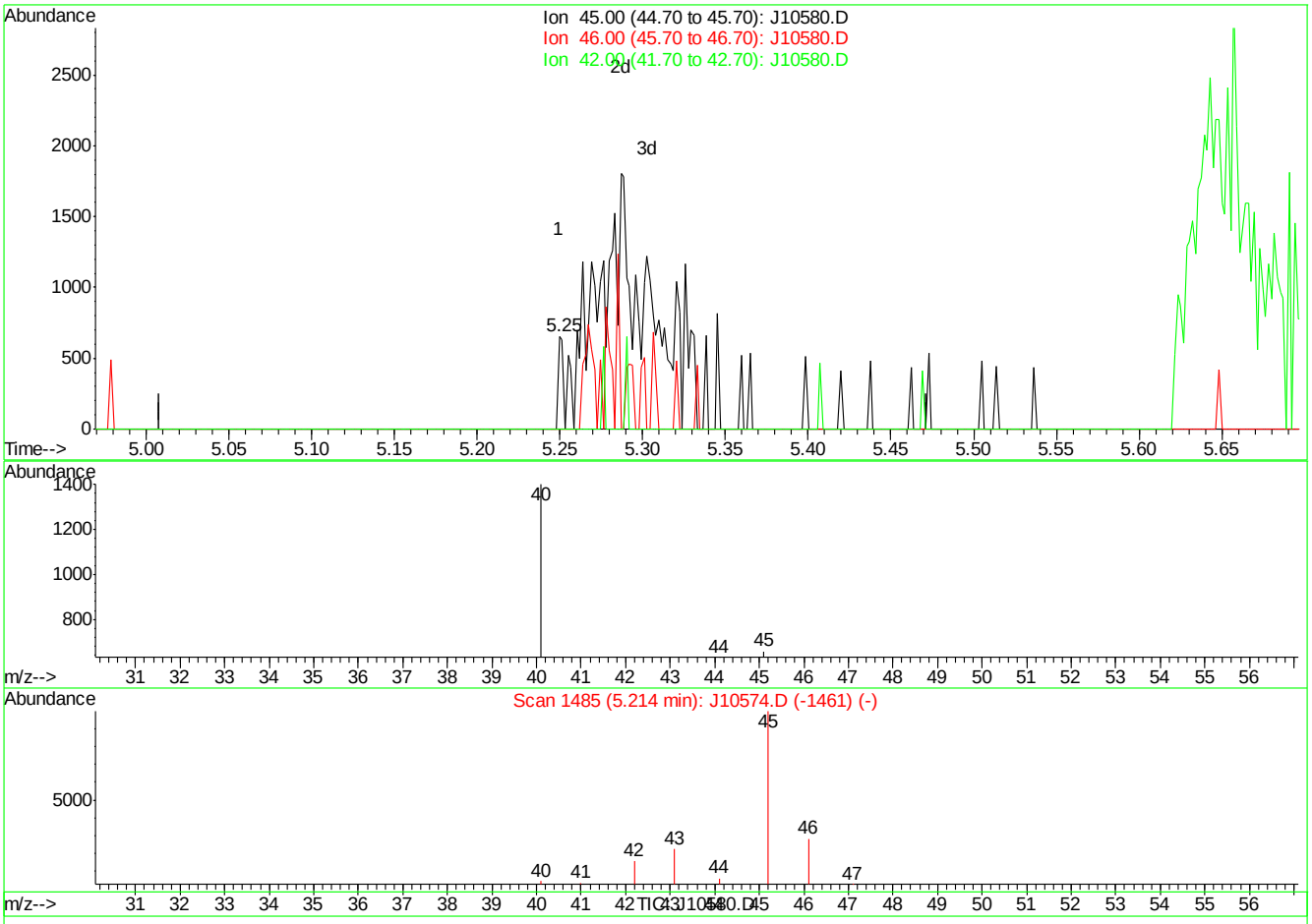
J10580.D J060707T.M Thu Jun 07 10:11:59 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 10:11:17 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:11:07 2007
Response via : Multiple Level Calibration



(16) ETHANOL (m)

5.25min 0.03PPBV

response 238

Ion	Exp%	Act%
45.00	100	100
46.00	30.00	142.86#
42.00	6.30	0.00
0.00	0.00	0.00

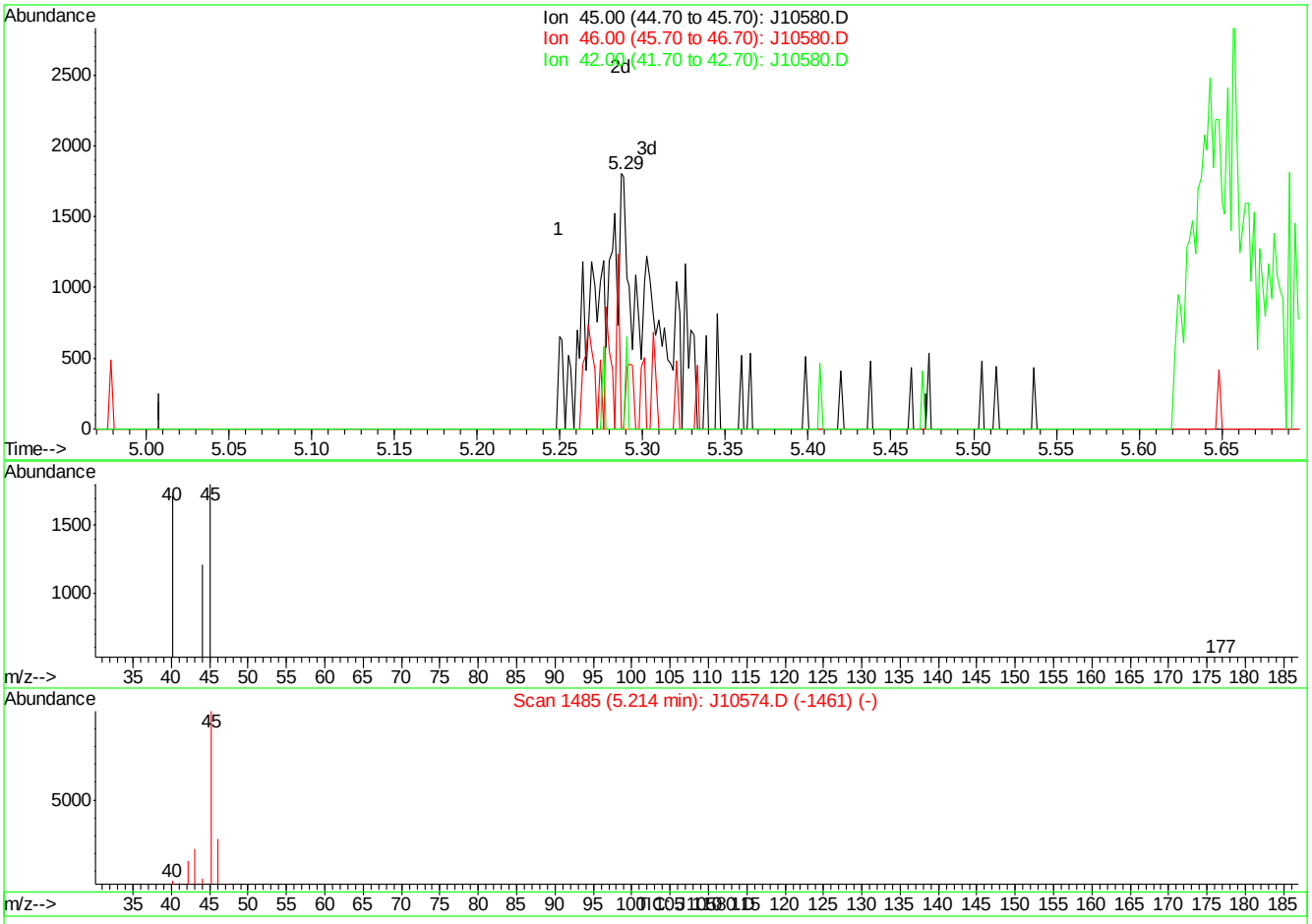
J10580.D J060707T.M Thu Jun 07 10:12:08 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 10:11:17 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:11:07 2007
Response via : Multiple Level Calibration



(16) ETHANOL (m)

5.29min 0.41PPBV m

response 3465

Ion	Exp%	Act%
45.00	100	100
46.00	30.00	9.81#
42.00	6.30	0.00
0.00	0.00	0.00

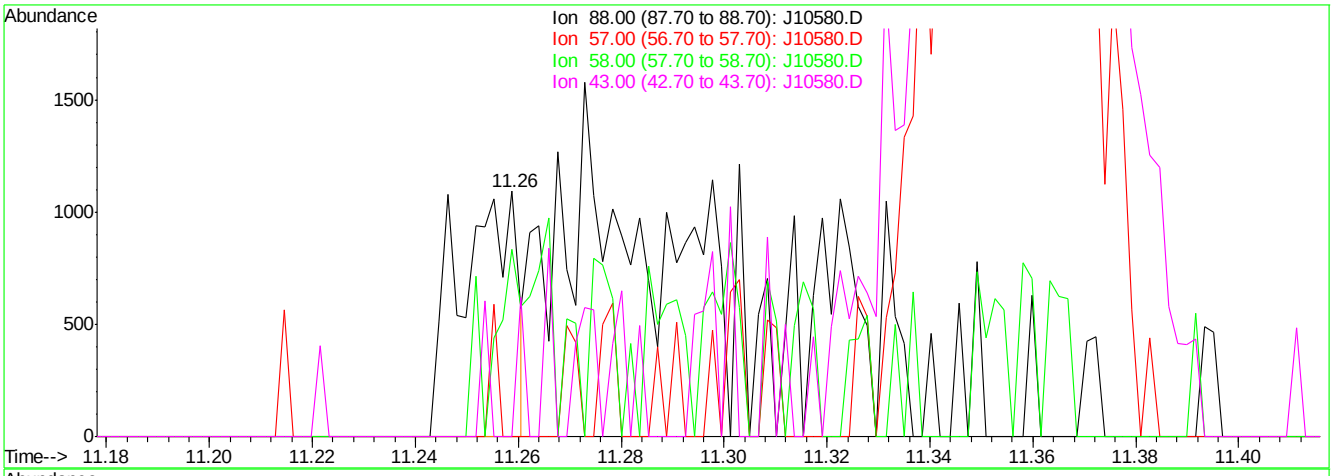
J10580.D J060707T.M Thu Jun 07 10:12:17 2007

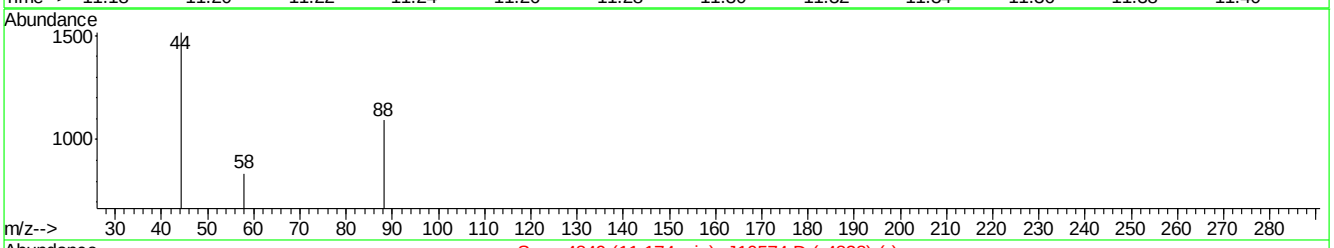
Quantitation Report (Qedit)

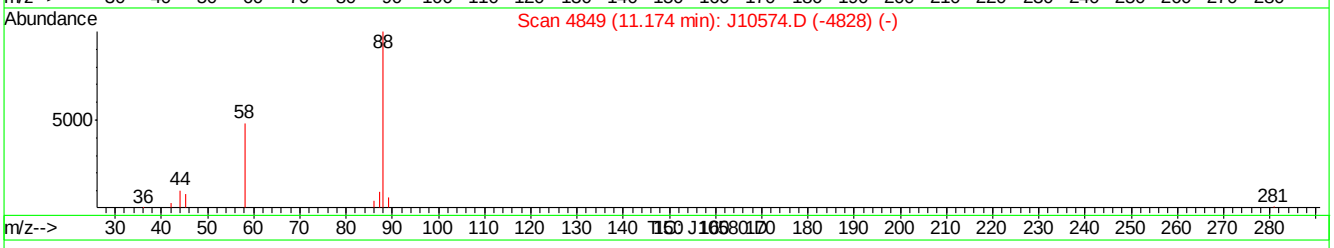
Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 10:11:17 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:11:07 2007
Response via : Multiple Level Calibration







(42) 1,4-DIOXANE (m)

11.26min 0.06PPBV

response 847

Ion	Exp%	Act%
88.00	100	100
57.00	23.80	0.00#
58.00	57.70	76.56
43.00	25.00	0.00#

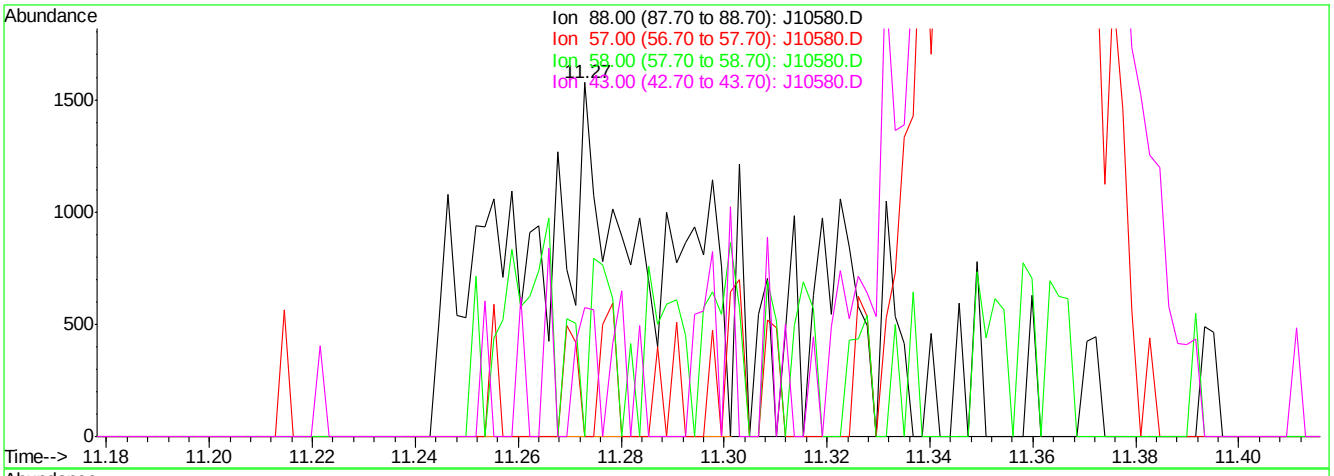
J10580.D J060707T.M Thu Jun 07 10:12:45 2007

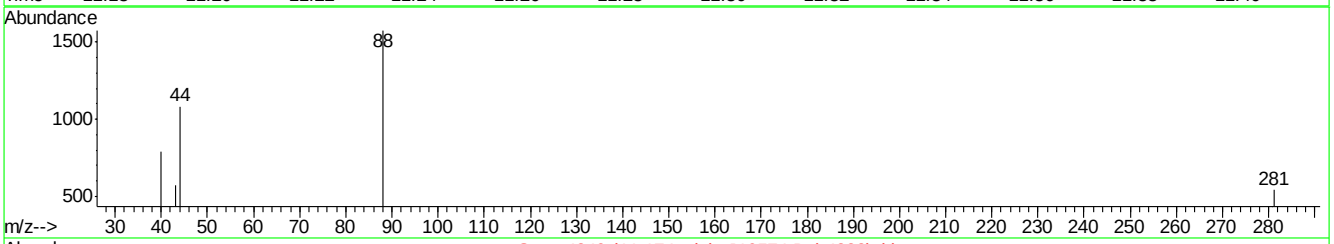
Quantitation Report (Qedit)

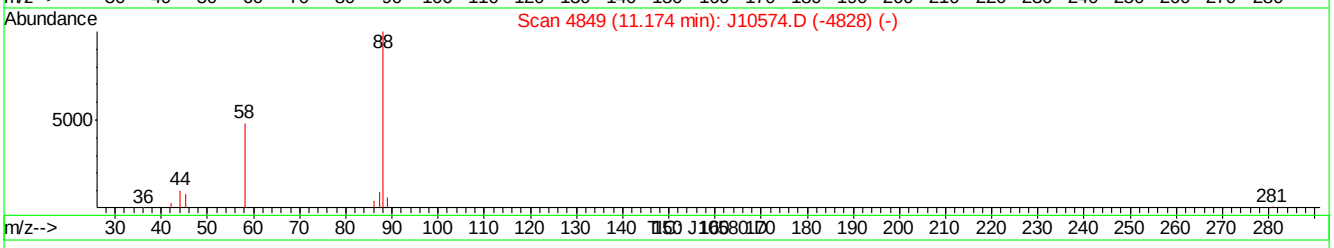
Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 10:11:17 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:11:07 2007
Response via : Multiple Level Calibration







(42) 1,4-DIOXANE (m)

11.27min 0.21PPBV m

response 2900

Ion	Exp%	Act%
88.00	100	100
57.00	23.80	0.00#
58.00	57.70	0.00#
43.00	25.00	36.29

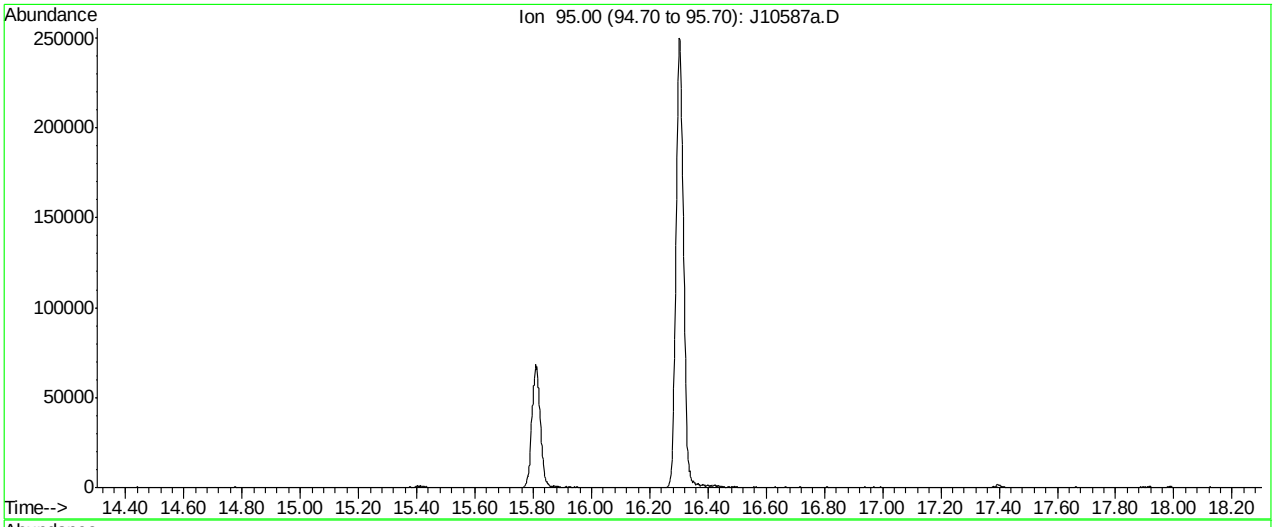
J10580.D J060707T.M Thu Jun 07 10:12:52 2007

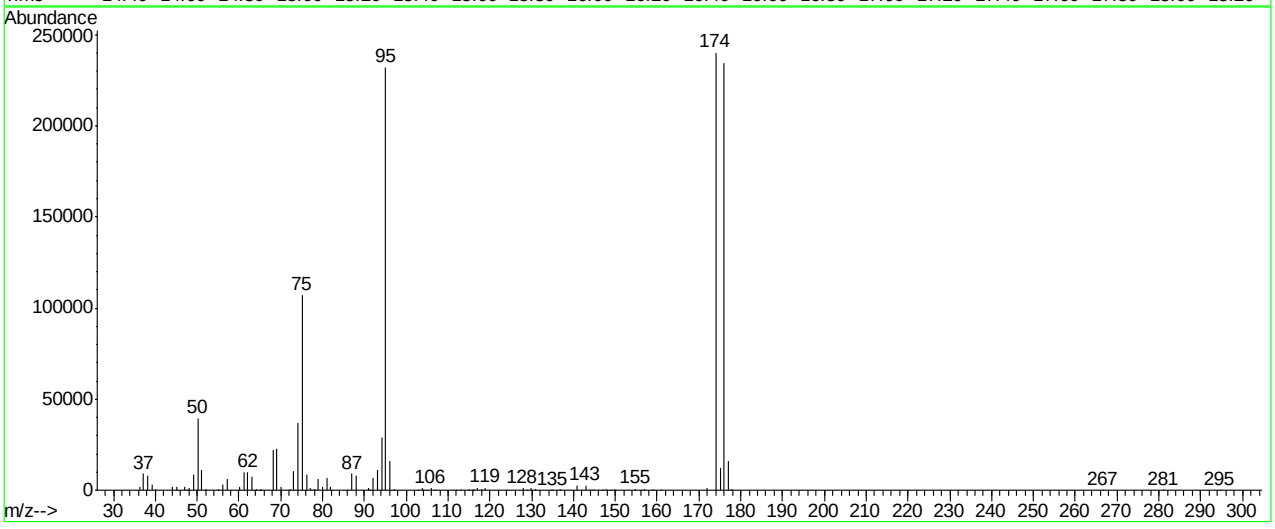
BFB

Data File : C:\MSDCHEM\1\DATA\J10587a.D
Acq On : 7 Jun 2007 4:48 pm
Sample : cc548-10 (m179)
Misc : MS13684, MSJ548,,,,,1
MS Integration Params: LSCINT.P

Vial: 3
Operator: danat
Inst : MSJ
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.295 to 16.310 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	17.0	39509	PASS
75	95	30	66	46.1	107081	PASS
95	95	100	100	100.0	232049	PASS
96	95	5	9	6.8	15734	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	103.5	240270	PASS
175	174	4	9	5.1	12172	PASS
176	174	93	101	97.6	234552	PASS
177	176	5	9	6.7	15830	PASS

J10587a.D J060707T.M Fri Jun 08 15:35:19 2007

Average of 16.295 to 16.310 min.: J10587a.D
cc548-10 (m179)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.15	2089	50.10	39509	64.90	46	77.05	1236
37.15	9231	51.15	11405	65.00	69	77.30	72
38.15	8018	52.05	567	65.15	244	78.00	409
39.15	3373	55.10	636	68.10	22212	78.15	397
40.05	683	56.15	3134	69.10	23064	79.00	6146
44.15	1852	57.10	6160	70.10	1904	80.00	1847
45.10	1648	60.05	2042	72.15	848	81.00	6559
47.10	2073	61.10	9602	73.10	10207	81.95	1754
47.60	126	62.10	9858	74.10	36844	85.85	169
48.10	1133	63.10	7454	75.10	107081	87.05	8985
49.15	8539	64.10	877	76.10	8943	88.05	8310

Average of 16.295 to 16.310 min.: J10587a.D
cc548-10 (m179)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
91.00	1113	105.00	287	118.95	1492	142.95	2773
91.20	82	105.95	1147	123.85	93	143.70	51
92.10	6830	106.90	45	127.95	1129	144.20	49
93.10	10839	112.00	54	128.80	274	144.90	155
94.10	28694	112.90	46	129.90	1116	145.85	309
95.10	232049	114.90	54	130.95	382	147.10	45
96.10	15734	115.10	62	134.80	261	147.85	623
97.05	390	115.90	229	135.00	78	148.95	196
102.90	56	116.05	797	136.90	380	149.70	49
103.95	988	116.95	1402	140.95	2462	150.00	104
104.20	107	118.00	879	141.95	282	154.90	854

Average of 16.295 to 16.310 min.: J10587a.D
cc548-10 (m179)

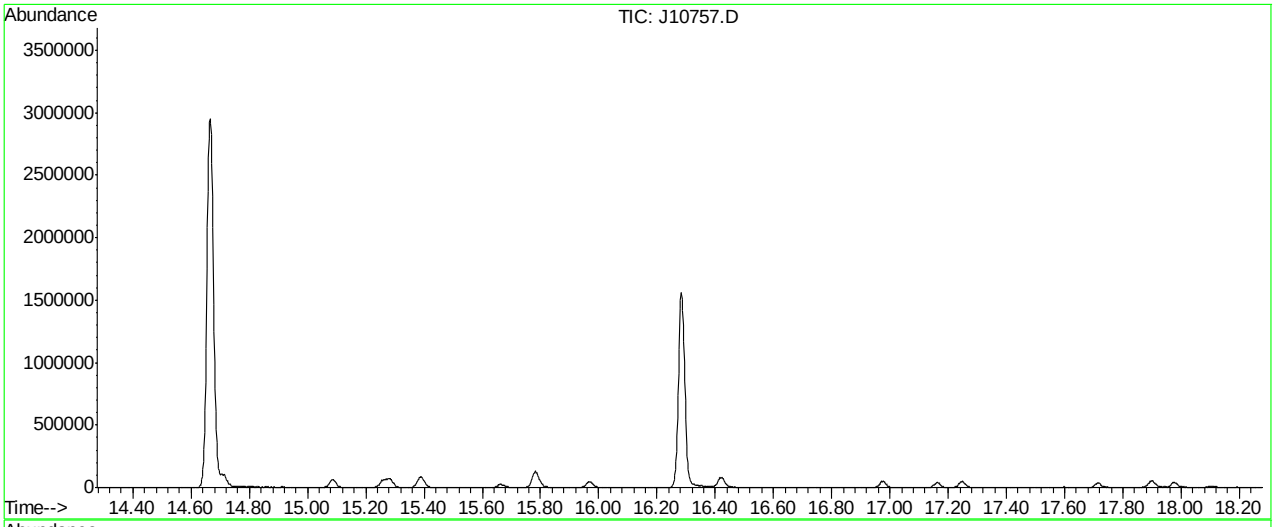
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
156.20	49	266.70	44				
156.90	359	281.10	45				
158.75	160	294.70	52				
158.95	119						
160.90	189						
171.95	970						
174.00	240270						
175.05	12172						
176.00	234552						
177.00	15830						
177.85	451						

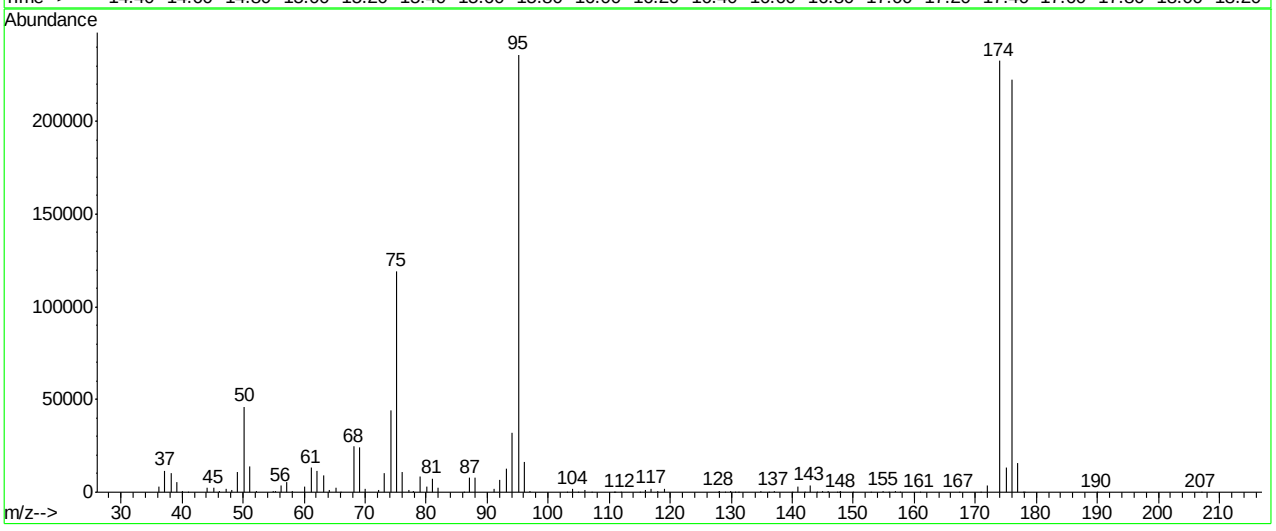
BFB

Data File : C:\MSDChem\1\data\J10757.D
Acq On : 25 Jun 2007 10:16 am
Sample : ic557-0.5 (m141)
Misc : MS13762, MSJ557,,,,,1
MS Integration Params: LSCINT.P

Vial: 2
Operator: danat
Inst : MSJ
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.276 to 16.279 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	19.5	46130	PASS
75	95	30	66	50.5	119232	PASS
95	95	100	100	100.0	236096	PASS
96	95	5	9	6.8	16112	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	98.5	232533	PASS
175	174	4	9	5.8	13538	PASS
176	174	93	101	95.6	222378	PASS
177	176	5	9	7.1	15745	PASS

J10757.D J062507T.M Mon Jun 25 10:47:52 2007

Average of 16.276 to 16.279 min.: J10757.D
ic557-0.5 (m141)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.15	3215	49.15	11179	62.15	11782	75.10	119232
37.20	11738	50.20	46130	63.15	9383	76.10	10981
38.20	10410	51.15	14066	64.10	1451	77.15	1196
39.15	5396	52.10	916	65.15	2661	77.90	837
40.10	583	55.00	337	66.00	286	79.00	8396
41.00	153	55.25	682	68.10	24546	80.05	3027
44.10	2217	56.15	3477	69.10	24173	81.00	7443
45.15	2401	57.15	5600	70.05	1760	82.00	2167
46.15	482	58.10	412	72.15	1297	86.10	161
47.15	1847	60.15	2790	73.15	10549	87.10	7842
48.15	1478	61.15	13170	74.15	44104	88.05	7588

Average of 16.276 to 16.279 min.: J10757.D
ic557-0.5 (m141)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
91.05	1557	107.10	138	129.00	260	144.00	156
92.10	6870	110.80	151	129.95	703	144.90	639
93.10	12991	111.00	151	130.70	146	145.80	425
94.15	32266	111.90	153	131.10	215	147.30	138
95.10	236096	115.00	216	134.95	408	147.80	207
96.10	16112	115.90	936	136.10	180	147.95	386
97.05	537	116.95	2135	137.00	745	149.85	311
103.00	138	117.95	903	140.00	147	152.80	139
104.05	1558	119.00	1691	140.95	3332	154.95	800
104.90	232	127.90	216	142.10	248	155.90	167
105.95	1142	128.05	892	142.95	3800	156.95	610

Average of 16.276 to 16.279 min.: J10757.D
ic557-0.5 (m141)

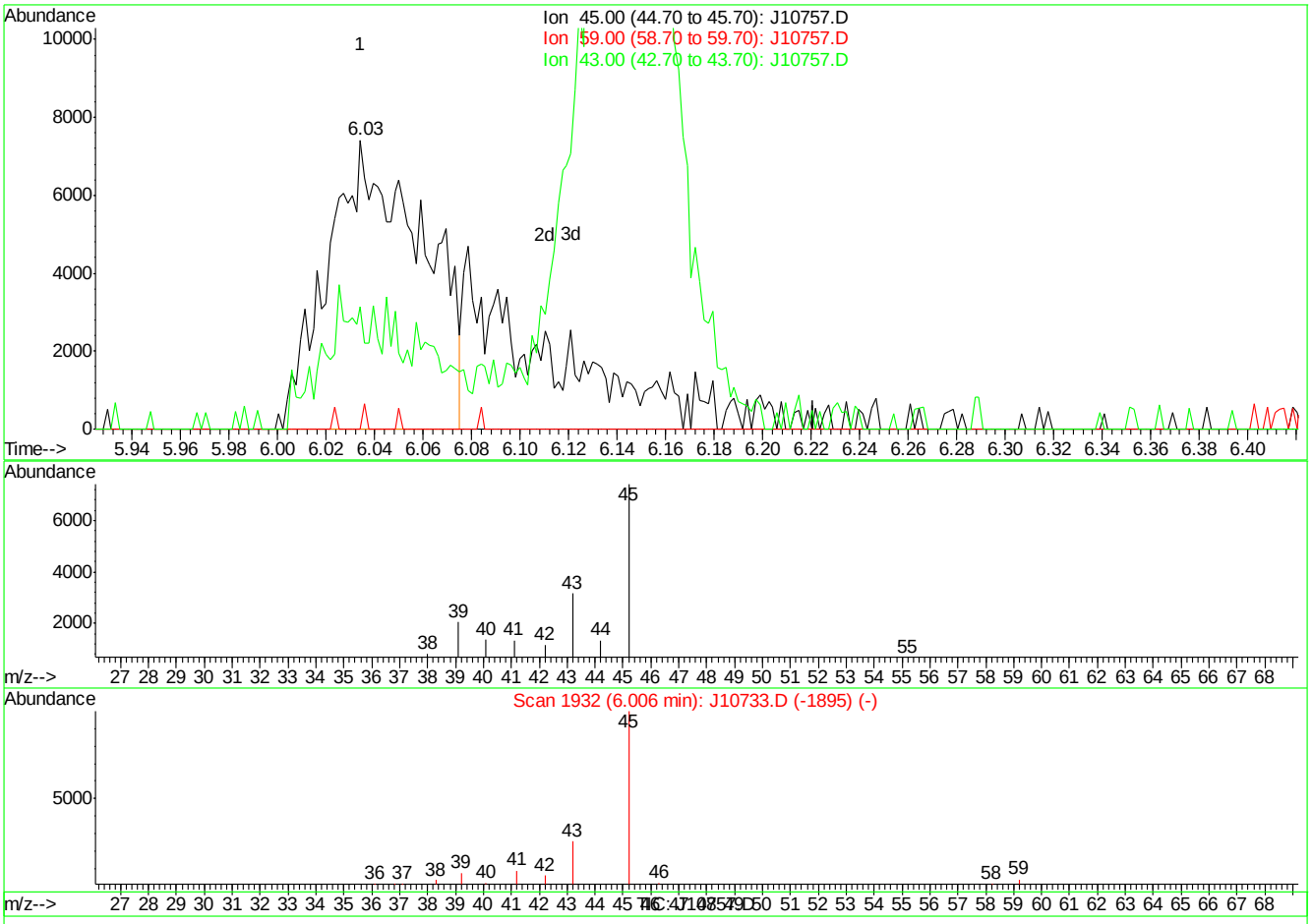
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
157.70	216	189.90	149				
160.90	252	207.00	144				
167.30	185						
170.90	169						
172.00	3719						
174.00	232533						
175.10	13538						
176.00	222378						
177.00	15745						
177.80	173						
178.10	138						

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 10:46:29 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration



(11) ISOPROPYL ALCOHOL (m)

6.03min 0.43PPBV

response 20053

Ion	Exp%	Act%
45.00	100	100
59.00	3.70	0.00
43.00	25.20	42.54
0.00	0.00	0.00

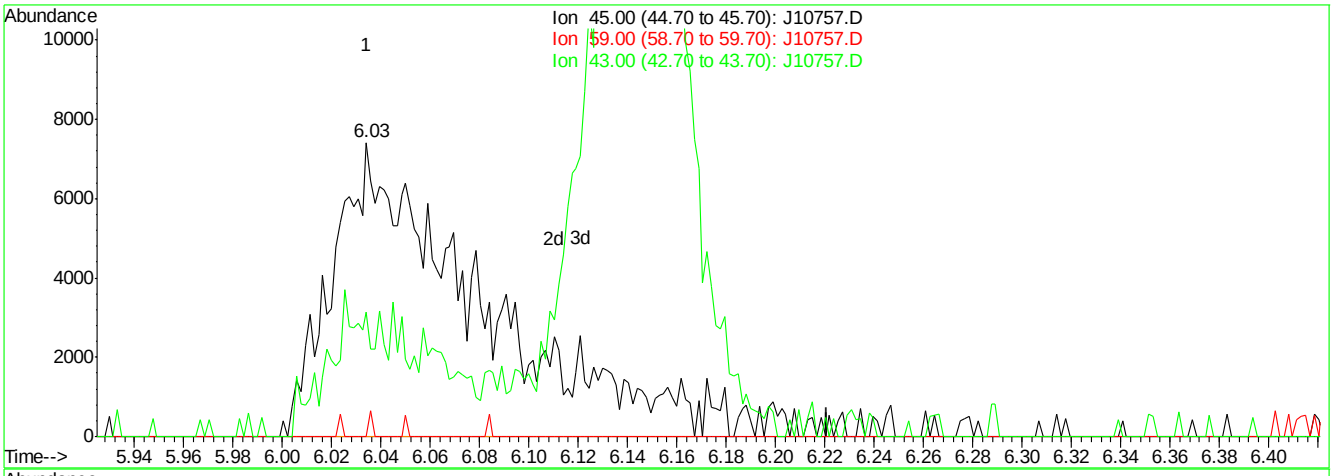
J10757.D J062507T.M Mon Jun 25 10:48:40 2007

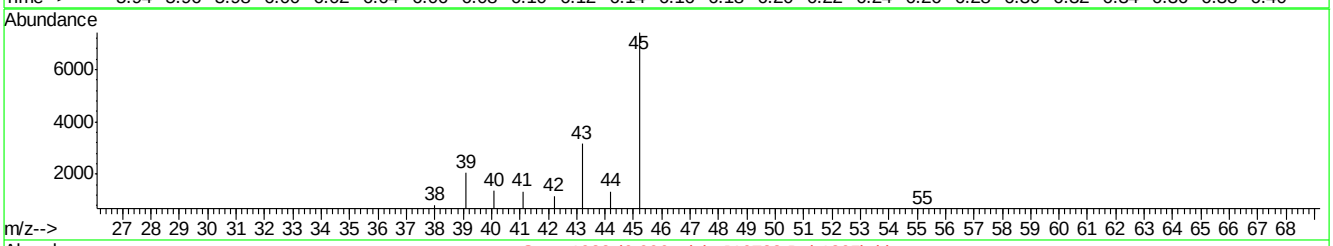
Quantitation Report (Qedit)

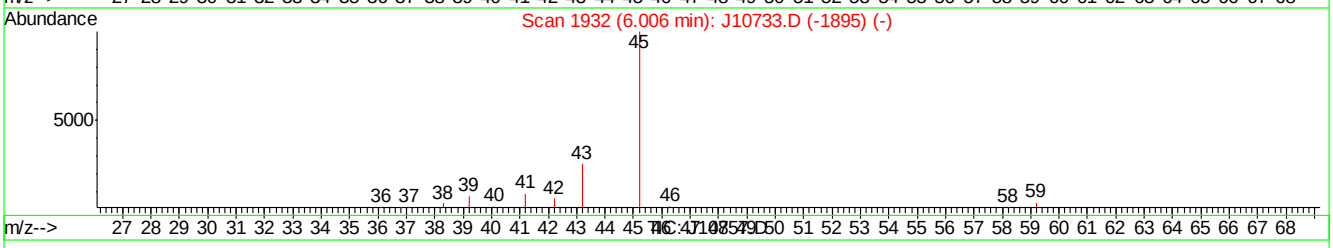
Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 10:46:29 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.03min 0.63PPBV m

response 29822

Ion	Exp%	Act%
45.00	100	100
59.00	3.70	0.00
43.00	25.20	42.54
0.00	0.00	0.00

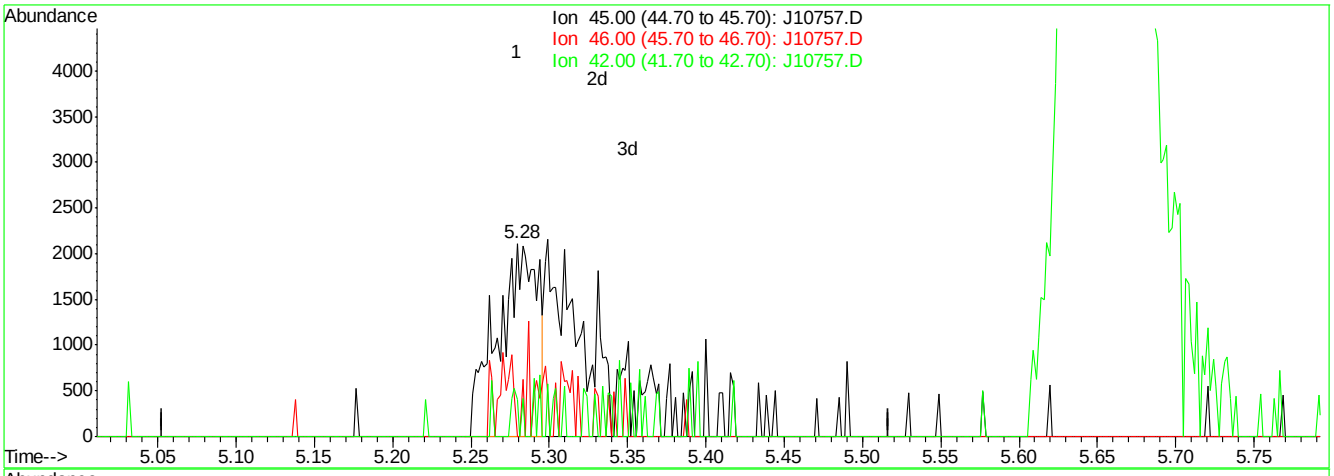
J10757.D J062507T.M Mon Jun 25 10:48:45 2007

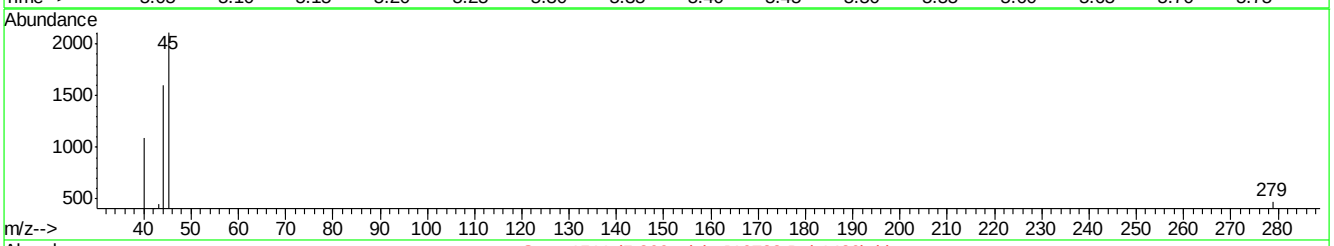
Quantitation Report (Qedit)

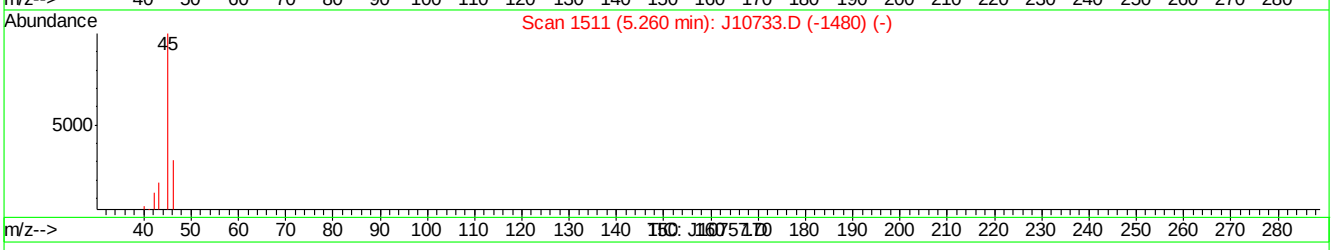
Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 10:46:29 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.28min 0.45PPBV

response 3685

Ion	Exp%	Act%
45.00	100	100
46.00	6.50	18.43
42.00	2.80	5.10
0.00	0.00	0.00

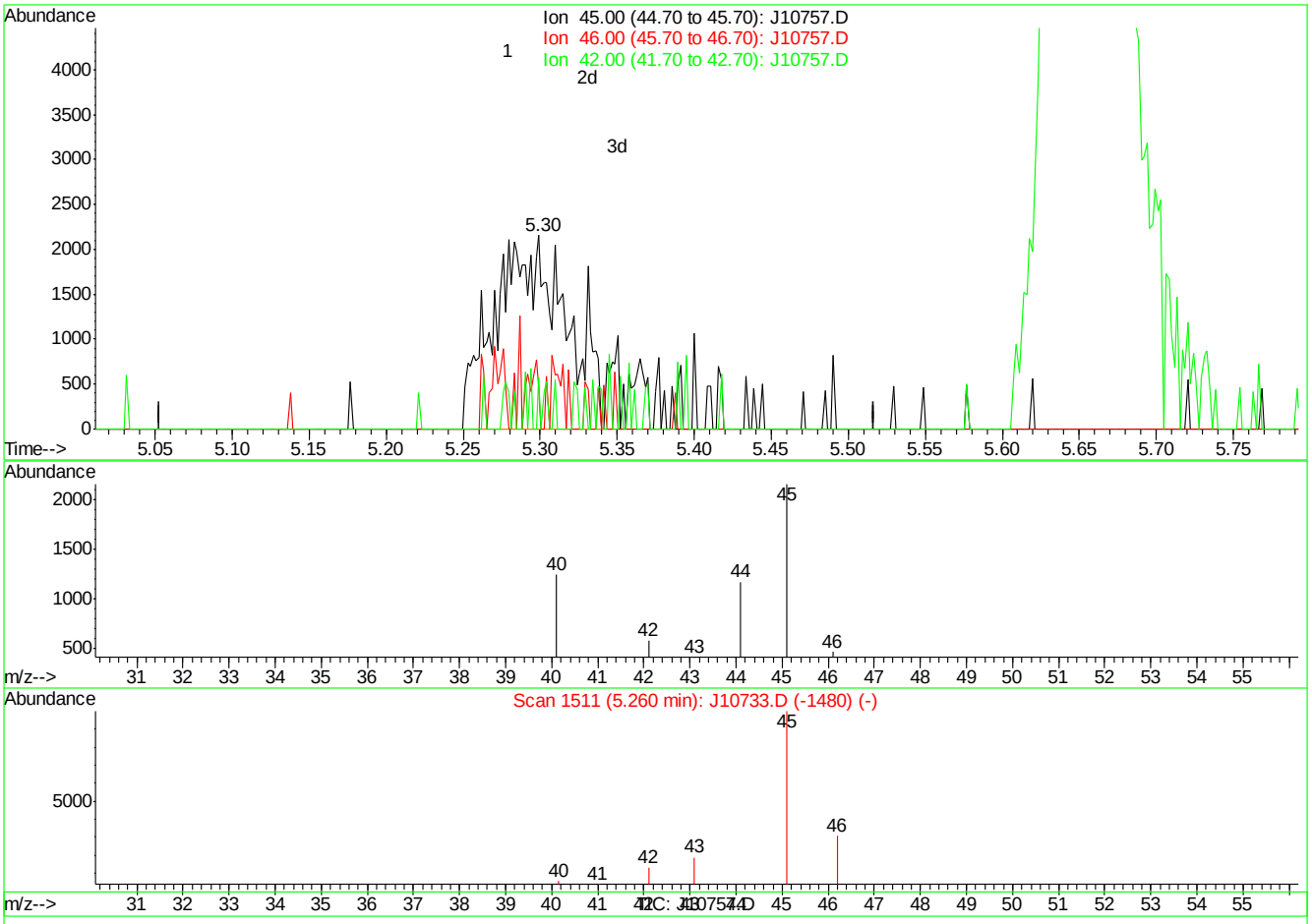
J10757.D J062507T.M Mon Jun 25 10:49:22 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 10:46:29 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration



(16) ETHANOL (m)

5.30min 0.89PPBV m

response 7283

Ion	Exp%	Act%
45.00	100	100
46.00	6.50	9.32
42.00	2.80	2.58
0.00	0.00	0.00

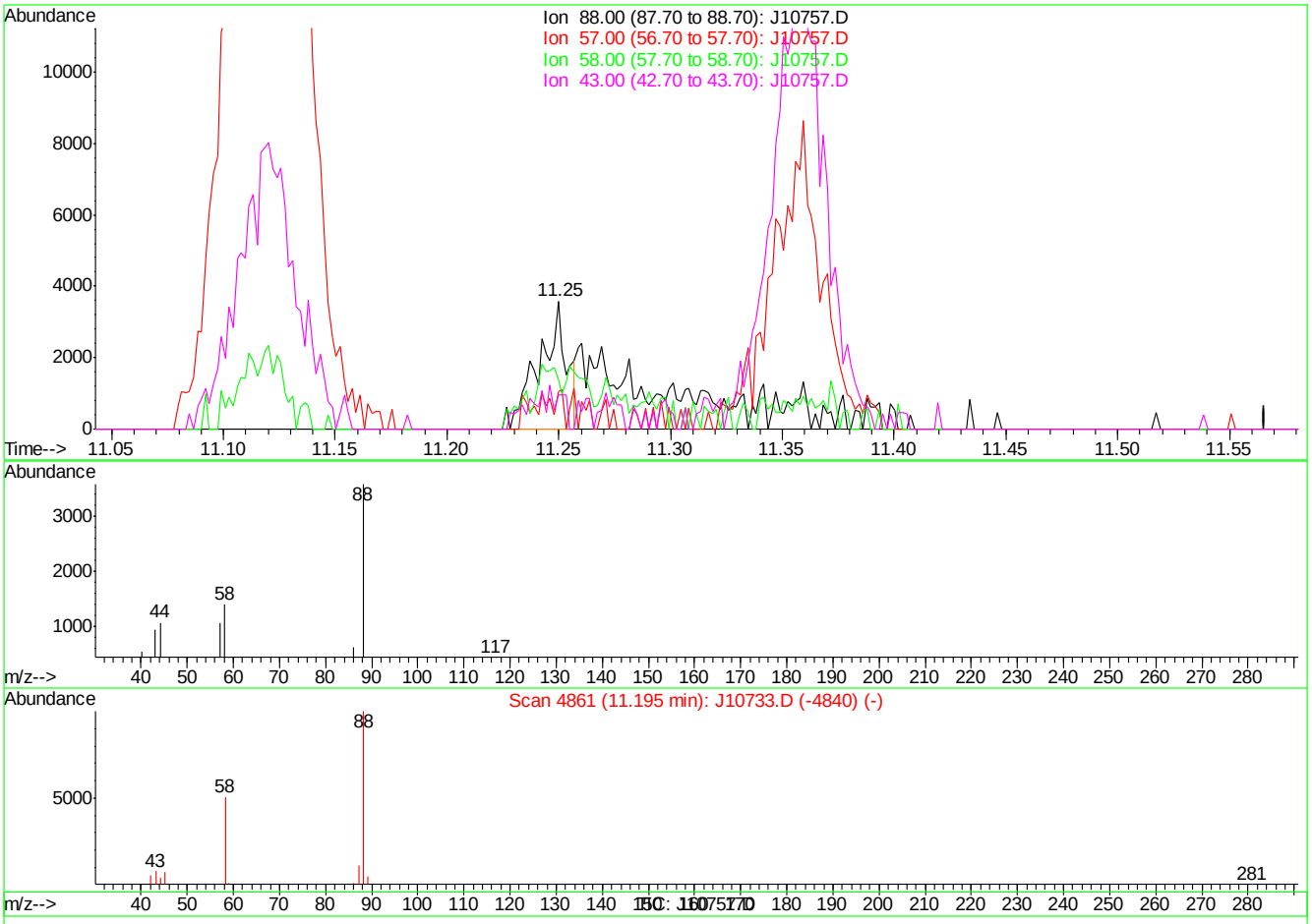
J10757.D J062507T.M Mon Jun 25 10:49:33 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 10:46:29 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration



(42) 1,4-DIOXANE (m)

11.25min 0.14PPBV

response 3047

Ion	Exp%	Act%
88.00	100	100
57.00	21.70	29.39
58.00	53.20	38.90
43.00	22.40	26.32

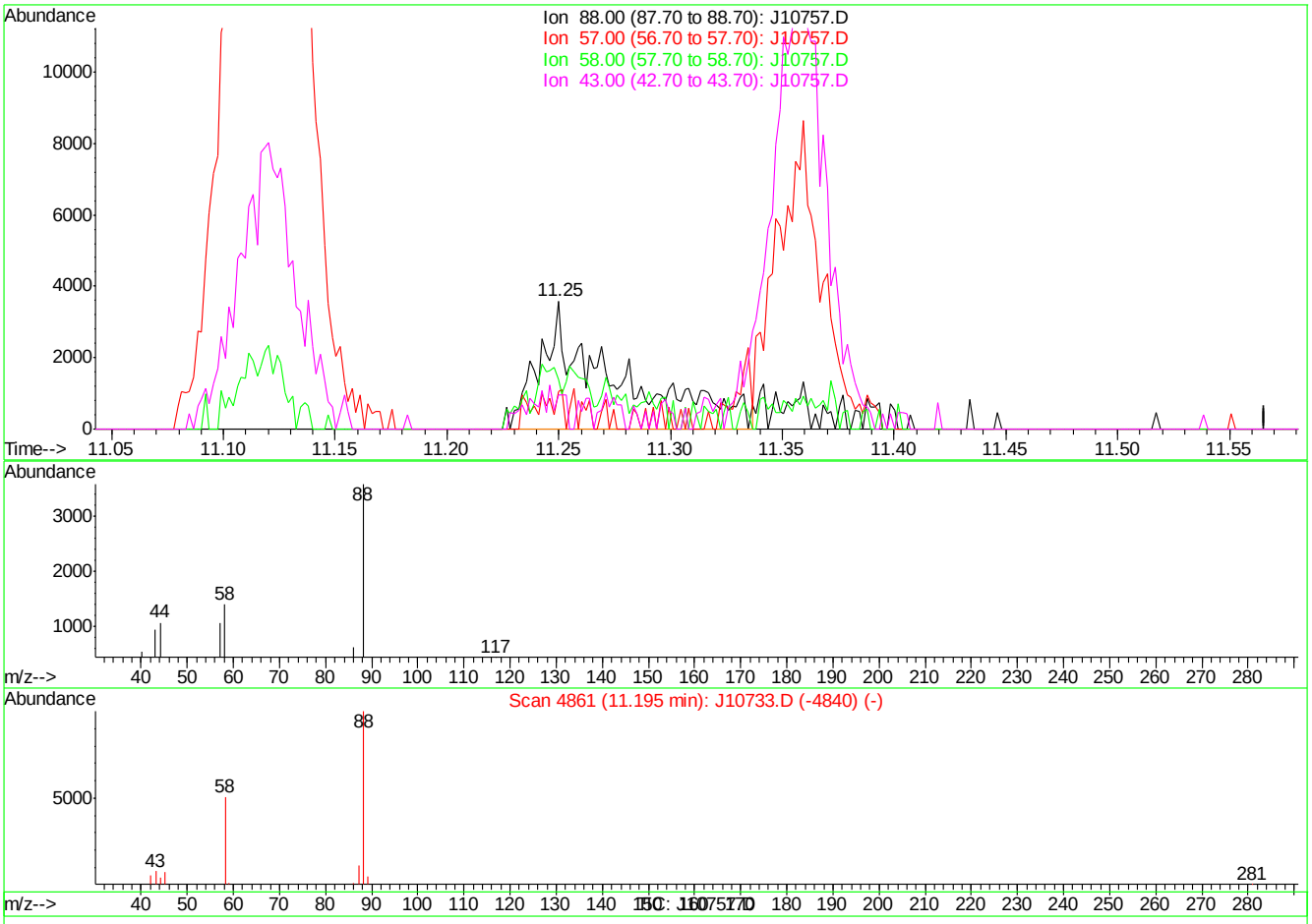
J10757.D J062507T.M Mon Jun 25 10:49:57 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 10:46:29 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration



(42) 1,4-DIOXANE (m)

11.25min 0.38PPBV m

response 8305

Ion	Exp%	Act%
88.00	100	100
57.00	21.70	29.39
58.00	53.20	38.90
43.00	22.40	26.32

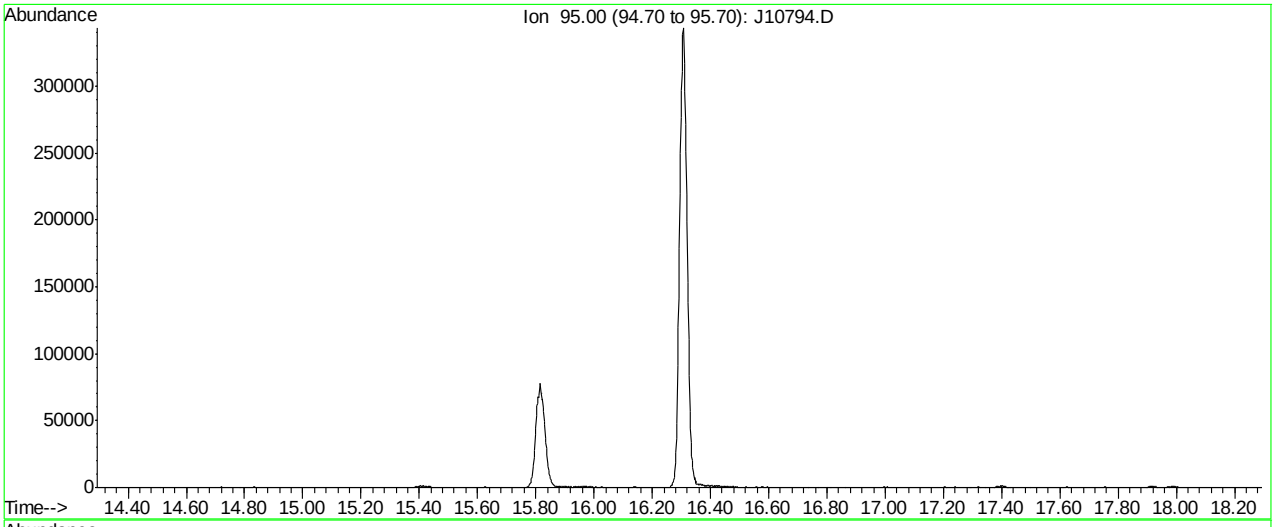
J10757.D J062507T.M Mon Jun 25 10:50:10 2007

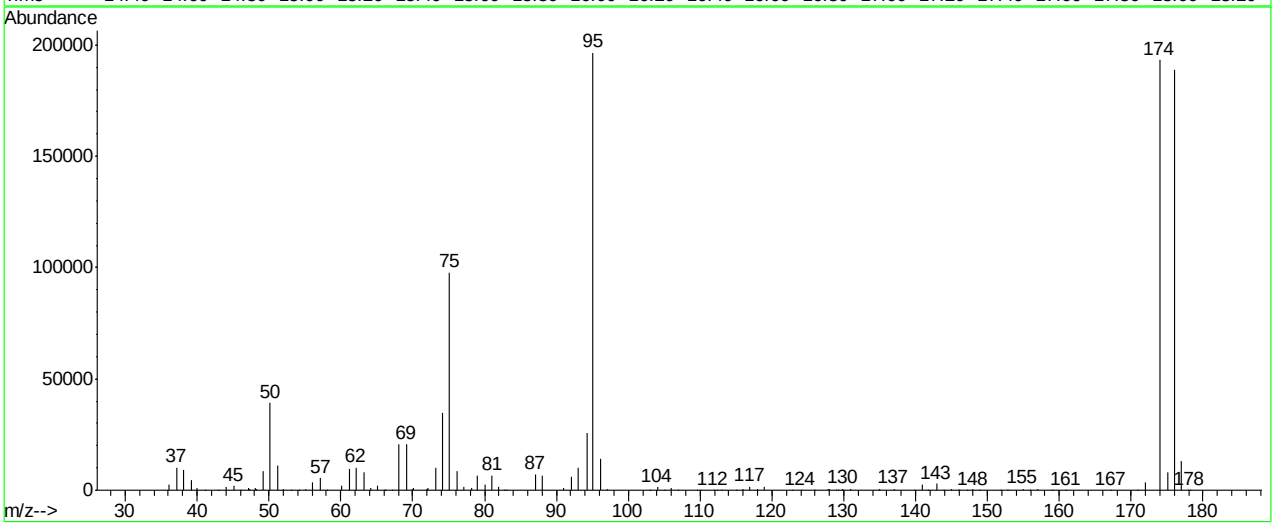
BFB

Data File : C:\MSDChem\1\data\J10794.D
Acq On : 27 Jun 2007 12:22 pm
Sample : CC557-10 (M080)
Misc : MS13762, MSJ558,,,,,1
MS Integration Params: LSCINT.P

Vial: 1
Operator: danat
Inst : MSJ
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.288 to 16.300 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	19.9	39070	PASS
75	95	30	66	49.8	97970	PASS
95	95	100	100	100.0	196655	PASS
96	95	5	9	7.2	14138	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	98.3	193323	PASS
175	174	4	9	4.1	7988	PASS
176	174	93	101	97.8	189057	PASS
177	176	5	9	6.9	13057	PASS

J10794.D J062507T.M Wed Jun 27 13:33:30 2007

Average of 16.288 to 16.300 min.: J10794.D
CC557-10 (M080)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.15	2616	47.25	730	57.15	5360	68.10	20548
37.15	10160	48.05	1054	58.15	225	69.10	20816
38.15	9138	48.25	440	60.15	2190	70.00	611
39.15	4508	49.20	8672	61.15	9557	70.15	1088
40.05	806	50.15	39070	62.10	10265	71.90	68
41.00	54	51.15	10932	63.15	8278	72.00	376
43.00	106	52.05	665	64.10	1184	72.15	971
44.10	1719	53.10	190	65.10	2084	73.15	9893
45.10	2014	54.10	59	66.00	58	74.15	34784
46.00	59	55.15	600	66.25	141	75.10	97970
47.10	1108	56.10	3469	67.05	226	76.10	8798

Average of 16.288 to 16.300 min.: J10794.D
CC557-10 (M080)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
77.10	1499	92.05	6237	109.60	58	124.00	75
78.15	883	93.10	9873	110.00	50	126.00	53
79.00	6719	94.20	25866	111.90	60	127.80	306
80.05	2581	95.10	196655	112.30	50	127.95	484
81.05	6669	96.10	14138	112.95	184	128.95	209
82.00	1776	97.10	302	115.00	118	129.20	127
82.80	61	103.00	75	116.00	759	129.70	80
83.10	55	104.05	1357	116.95	1615	129.90	606
87.05	7202	105.00	263	118.00	703	130.95	282
88.05	6562	106.00	1175	118.95	1359	134.80	62
91.00	996	106.95	117	122.90	57	134.95	286

Average of 16.288 to 16.300 min.: J10794.D
CC557-10 (M080)

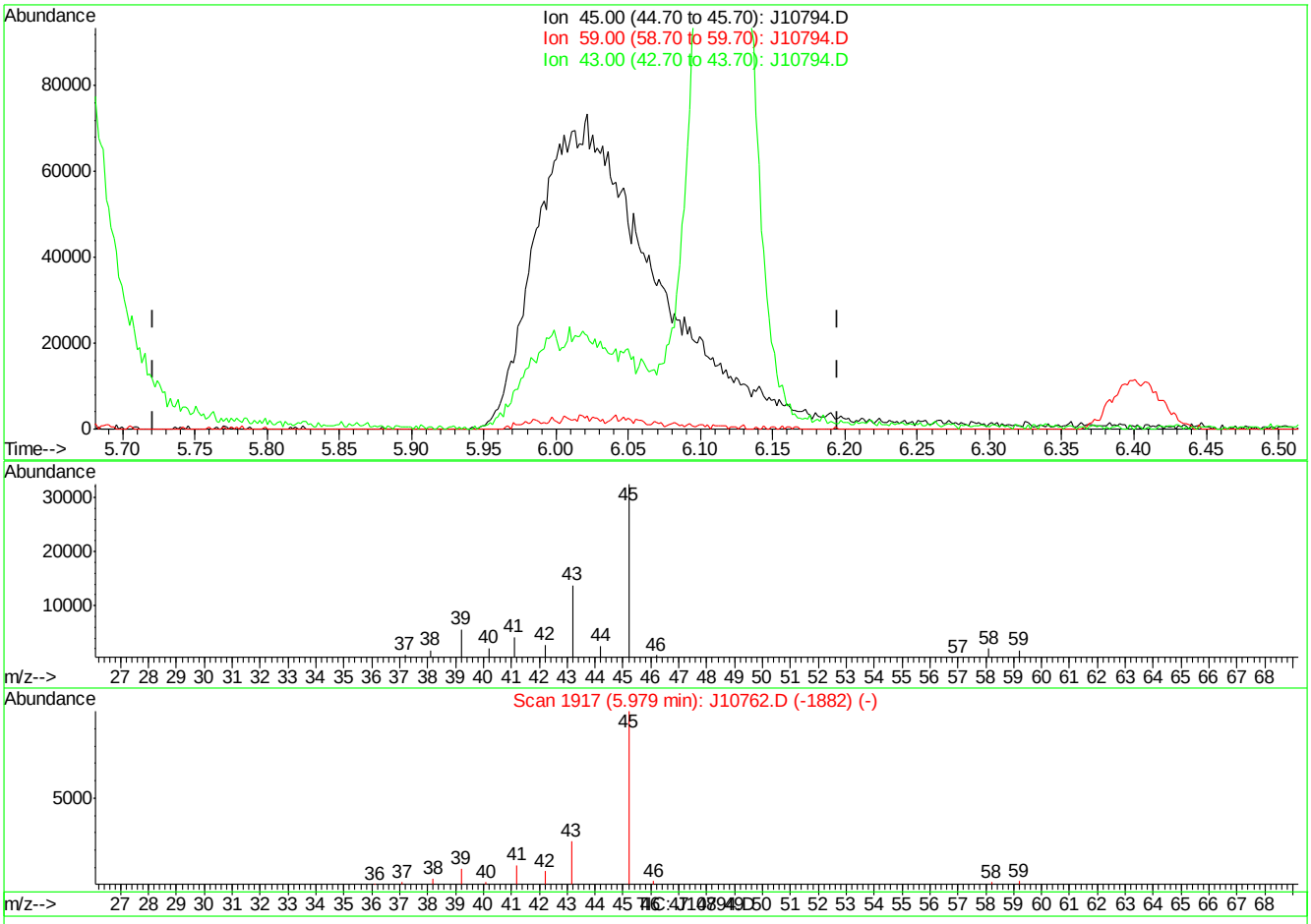
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
136.95	524	148.85	126	174.00	193323		
139.80	84	151.80	52	175.05	7988		
140.95	2396	152.80	97	176.00	189057		
141.75	173	154.90	517	177.00	13057		
142.95	2804	155.90	66	177.95	202		
143.90	162	157.00	417	178.20	56		
144.95	589	158.95	242				
145.85	185	160.95	236				
146.10	72	167.20	51				
147.10	91	170.90	61				
147.95	422	171.95	3624				

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10794.D Vial: 1
Acq On : 27 Jun 2007 12:22 pm Operator: danat
Sample : CC557-10 (M080) Inst : MSJ
Misc : MS13762, MSJ558,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 27 13:32:31 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:15:12 2007
Response via : Multiple Level Calibration



(11) ISOPROPYL ALCOHOL (m)

5.98min 0.00PPBV

response 0

Ion	Exp%	Act%
45.00	100	0.00
59.00	2.20	0.00
43.00	25.50	0.00#
0.00	0.00	0.00

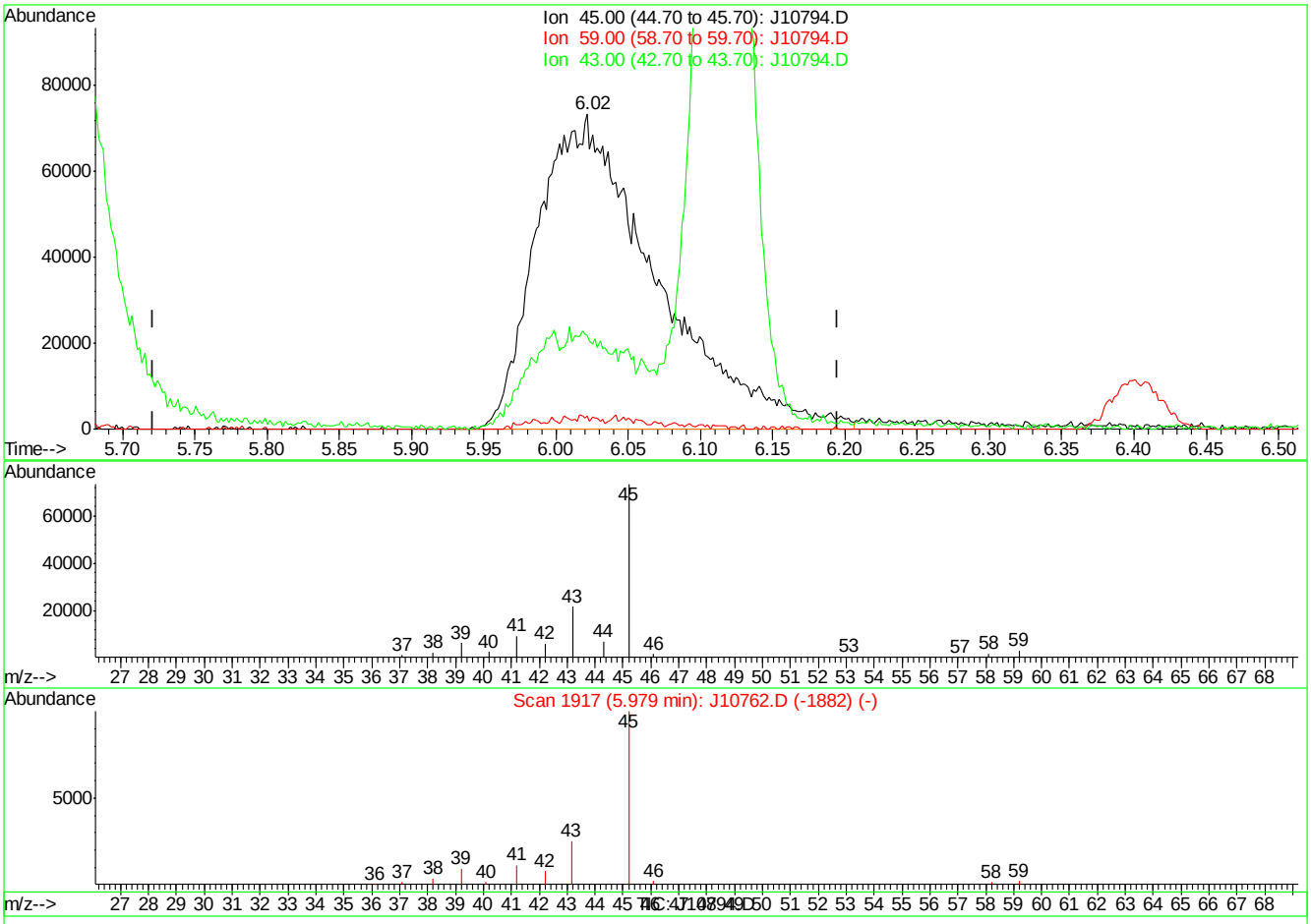
J10794.D J062507T.M Wed Jun 27 13:35:30 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10794.D Vial: 1
Acq On : 27 Jun 2007 12:22 pm Operator: danat
Sample : CC557-10 (M080) Inst : MSJ
Misc : MS13762, MSJ558,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 27 13:32:31 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:15:12 2007
Response via : Multiple Level Calibration



(11) ISOPROPYL ALCOHOL (m)

6.02min 8.25PPBV m

response 419075

Ion	Exp%	Act%
45.00	100	100
59.00	2.20	4.07
43.00	25.50	29.59
0.00	0.00	0.00

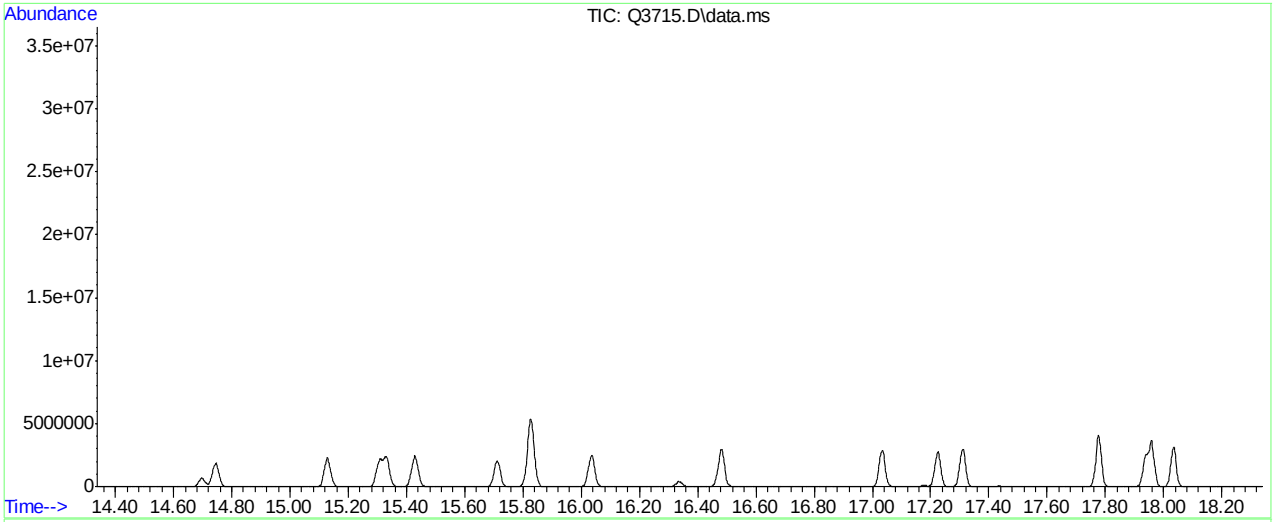
J10794.D J062507T.M Wed Jun 27 13:35:37 2007

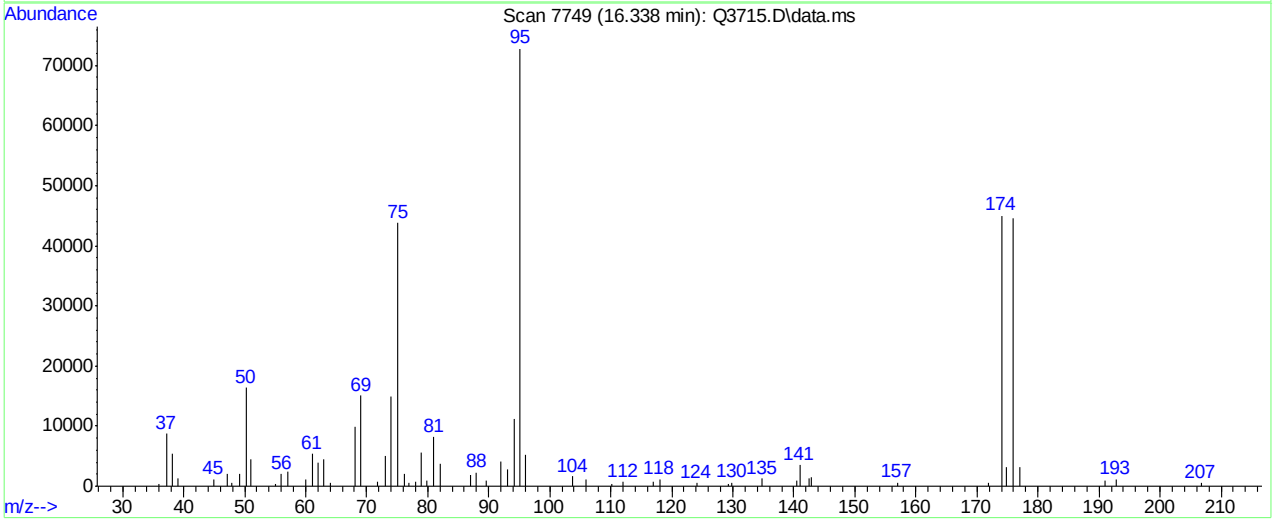
BFB

Data File : C:\msdchem\1\DATA\Q3715.D
Acq On : 14 Jun 2007 11:26 am
Sample : IC201-40 (M065)
Misc : MS13699, MSQ201,,,,,1
MS Integration Params: LSCINT.P

Vial: 2
Operator: PhilipB
Inst : MAMSQ
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\Q061407T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Scan 7749

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	22.5	16408	PASS
75	95	30	66	60.1	43760	PASS
95	95	100	100	100.0	72832	PASS
96	95	5	9	7.2	5219	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	61.8	44976	PASS
175	174	4	9	6.9	3117	PASS
176	174	93	101	99.1	44560	PASS
177	176	5	9	7.1	3182	PASS

Q3715.D Q061407T.m Thu Jun 14 17:33:29 2007 RPT1

Scan 7749 (16.338 min): Q3715.D\data.ms
IC201-40 (M065)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.90	443	56.00	2025	74.00	14902	89.60	966
37.20	8714	57.00	2423	75.10	43760	92.00	4134
38.10	5396	60.00	1059	76.10	2093	93.00	2890
39.00	1253	61.10	5325	77.00	605	94.10	11244
44.90	1154	62.00	3940	78.10	698	95.10	72832
47.10	2082	63.00	4546	79.00	5613	96.10	5219
47.90	646	64.00	498	79.90	1000	103.80	1592
49.10	2019	68.10	9807	81.00	8161	105.90	1154
50.20	16408	69.10	15100	82.10	3805	110.20	411
51.00	4428	71.80	663	87.10	1848	112.00	722
55.10	449	73.00	5131	88.00	2292	116.90	807

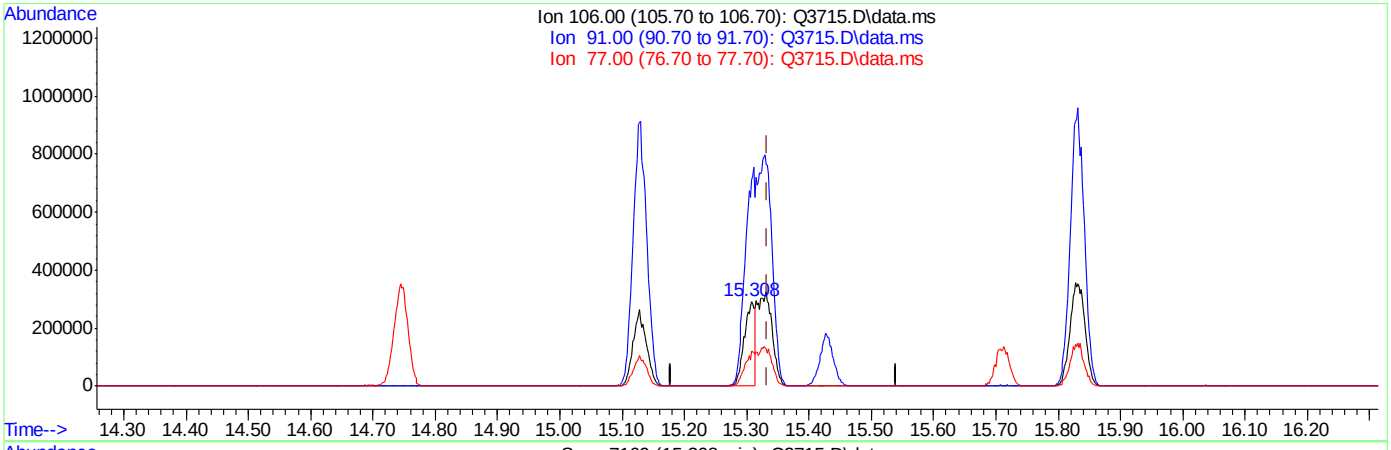
Scan 7749 (16.338 min): Q3715.D\data.ms
IC201-40 (M065)

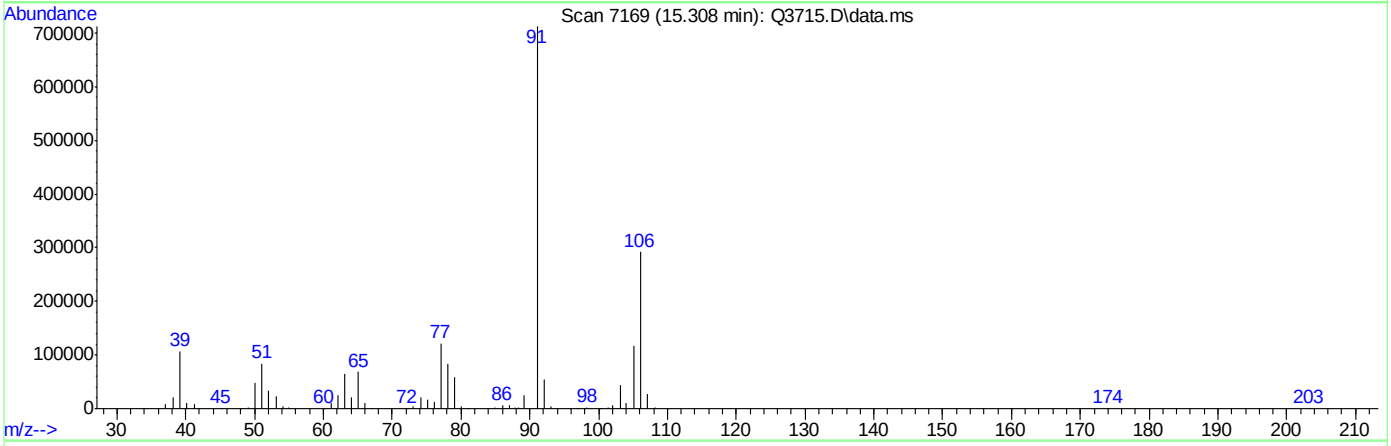
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
118.00	1191	174.00	44976				
124.10	477	174.90	3117				
129.20	433	176.00	44560				
129.90	654	177.00	3182				
134.80	1283	191.00	1006				
140.40	1011	192.80	1167				
141.00	3465	206.70	558				
142.40	1256						
142.80	1421						
157.00	654						
171.80	531						

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3715.D
Acq On : 14 Jun 2007 11:26 am
Operator : PhilipB
Sample : IC201-40 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 11:55:36 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:02:32 2007
Response via : Initial Calibration





TIC: Q3715.D\data.ms

(56) m,p-XYLENE (m)

15.308min (-0.026) 24.69PPBV

response 342816

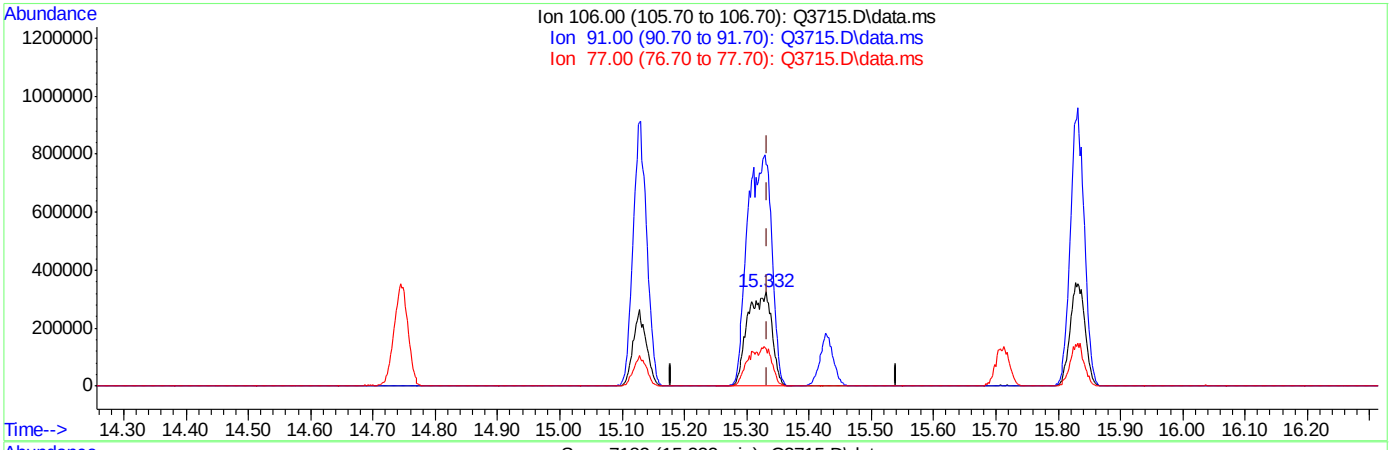
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	244.32
77.00	30.60	41.58#
0.00	0.00	0.00

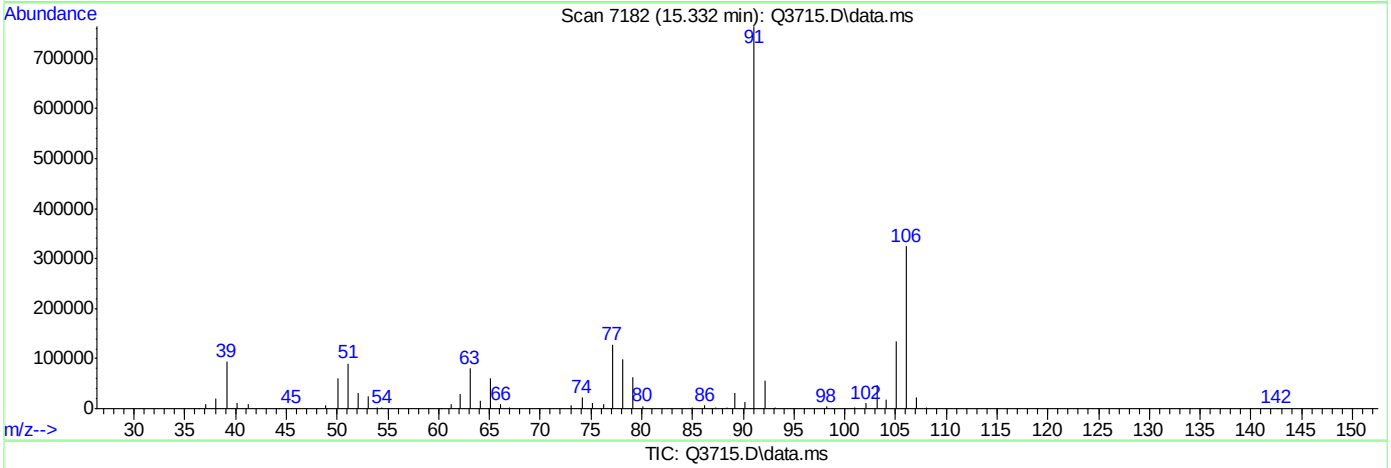
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3715.D
Acq On : 14 Jun 2007 11:26 am
Operator : PhilipB
Sample : IC201-40 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 11:55:36 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:02:32 2007
Response via : Initial Calibration





TIC: Q3715.D\data.ms

(56) m,p-XYLENE (m)

15.332min (-0.002) 62.62PPBV m

response 869610

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	235.52
77.00	30.60	39.17#
0.00	0.00	0.00

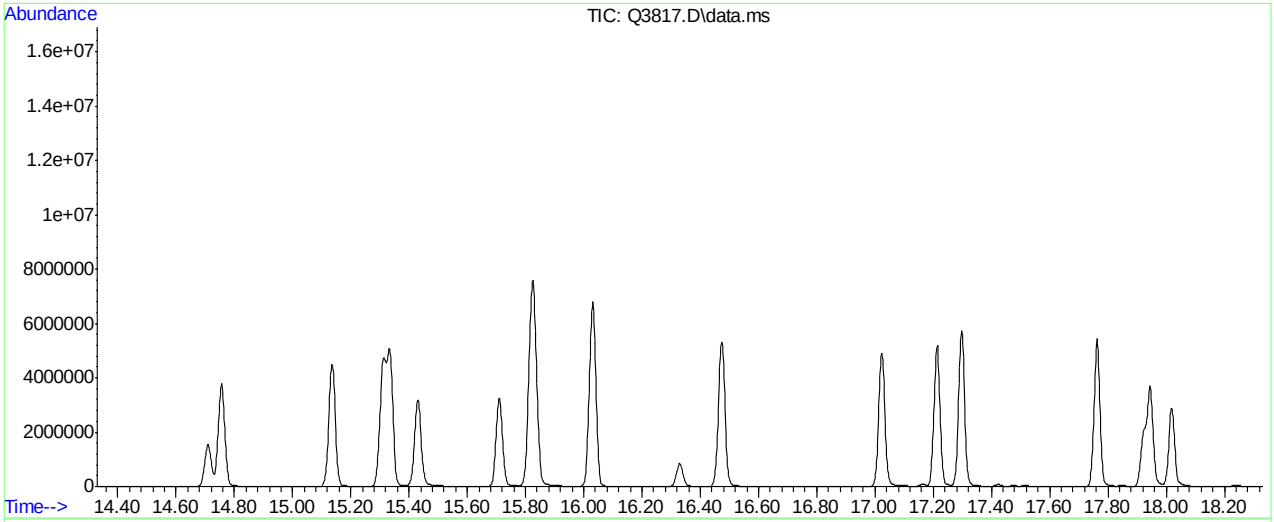
ACCUTEST Laboratories M65803

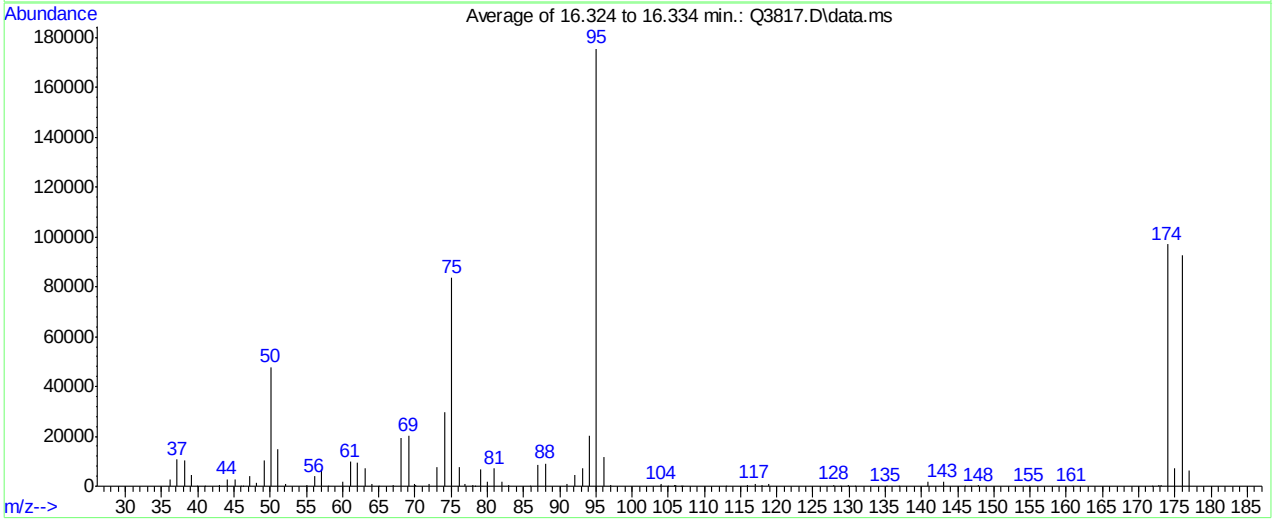
BFB

Data File : C:\msdchem\1\DATA\Q3817.D
Acq On : 27 Jun 2007 11:33 am
Sample : IC205-40 (M041)
Misc : MS13820, MSQ205,,,,,1
MS Integration Params: LSCINT.P

Vial: 1
Operator: PhilipB
Inst : MAMSQ
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\Q062507T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.324 to 16.334 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	27.2	47699	PASS
75	95	30	66	47.6	83635	PASS
95	95	100	100	100.0	175661	PASS
96	95	5	9	6.6	11668	PASS
173	174	0.00	2	0.4	431	PASS
174	95	50	120	55.2	96997	PASS
175	174	4	9	7.2	6997	PASS
176	174	93	101	95.5	92628	PASS
177	176	5	9	6.8	6290	PASS

Q3817.D Q062507T.m Wed Jun 27 17:17:20 2007 RPT1

Average of 16.324 to 16.334 min.: Q3817.D\data.ms
IC205-40 (M041)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	2559	47.10	4022	61.10	9838	73.10	7739
37.10	10763	48.05	1317	62.10	9660	74.10	29813
38.15	10208	49.15	10222	63.10	7159	75.10	83635
39.15	4558	50.10	47699	64.05	776	76.10	7443
39.90	65	51.10	14859	65.00	67	76.95	1140
41.00	91	52.05	758	66.95	440	78.00	687
43.05	275	55.10	652	68.10	19379	78.30	125
44.05	2832	56.10	3884	69.10	20123	79.00	6762
45.10	2762	57.15	6875	70.00	1052	80.05	1988
46.00	66	58.05	124	70.15	423	81.00	6993
46.30	63	60.05	1831	72.00	1012	82.00	1611

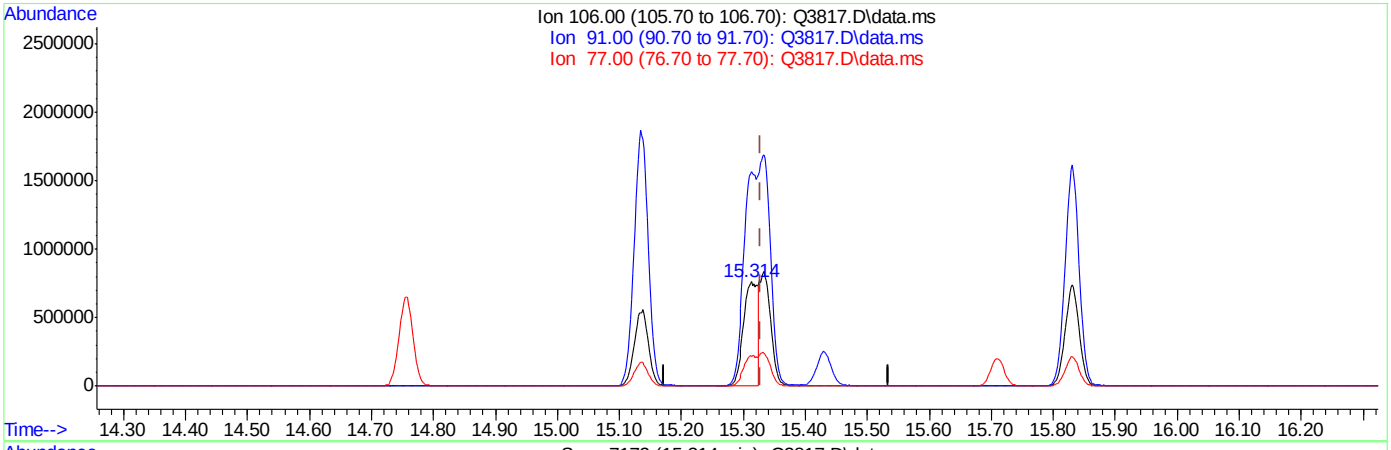
Average of 16.324 to 16.334 min.: Q3817.D\data.ms
IC205-40 (M041)

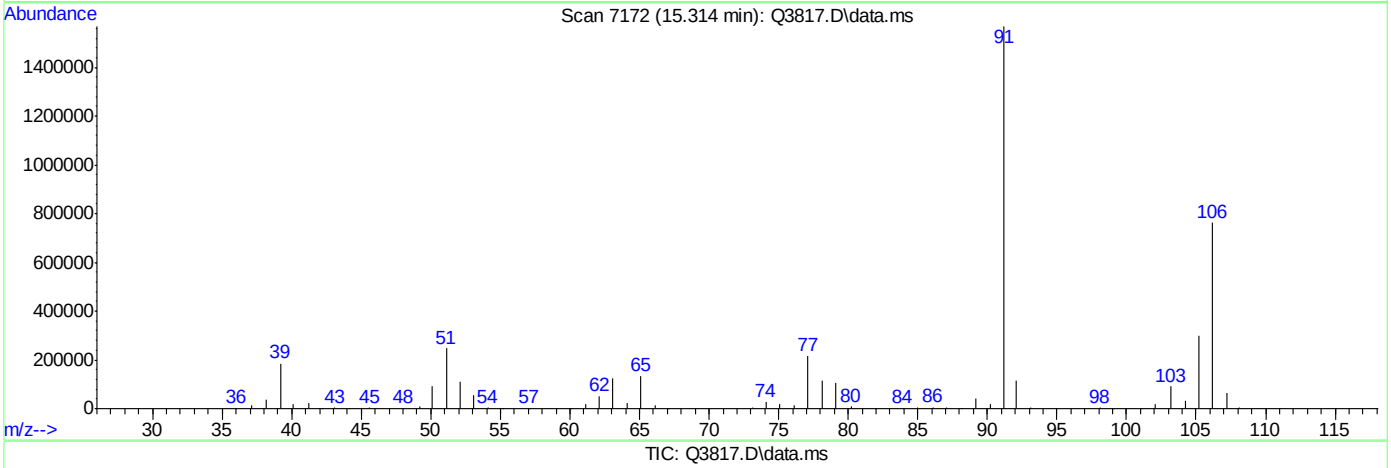
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
83.00	441	103.80	105	118.95	994	147.90	317
85.90	74	104.05	875	127.90	557	154.90	59
87.05	8687	104.90	130	128.85	134	160.80	57
88.00	9017	105.85	264	129.95	545	171.80	73
91.00	1006	106.05	557	130.80	88	172.75	272
92.05	4532	106.80	57	135.10	83	173.05	431
93.10	7298	107.00	68	136.80	71	174.00	96997
94.10	20184	113.00	84	140.95	1600	175.00	6997
95.10	175661	115.90	629	143.00	1671	176.00	92628
96.10	11668	116.95	1052	145.95	137	177.05	6290
97.05	344	117.90	467	146.80	67		

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3817.D
Acq On : 27 Jun 2007 11:33 am
Operator : PhilipB
Sample : IC205-40 (M041)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:09:27 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 13:09:21 2007
Response via : Initial Calibration





TIC: Q3817.D\data.ms

(56) m,p-XYLENE (m)

15.314min (-0.015) 53.46PPBV

response 1225036

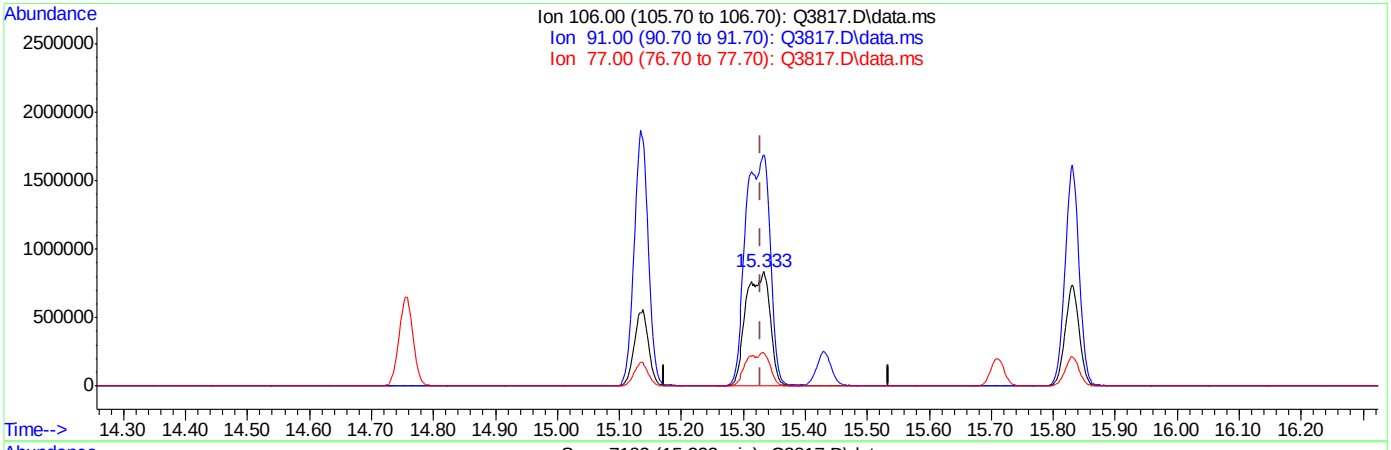
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	205.45
77.00	27.30	28.27
0.00	0.00	0.00

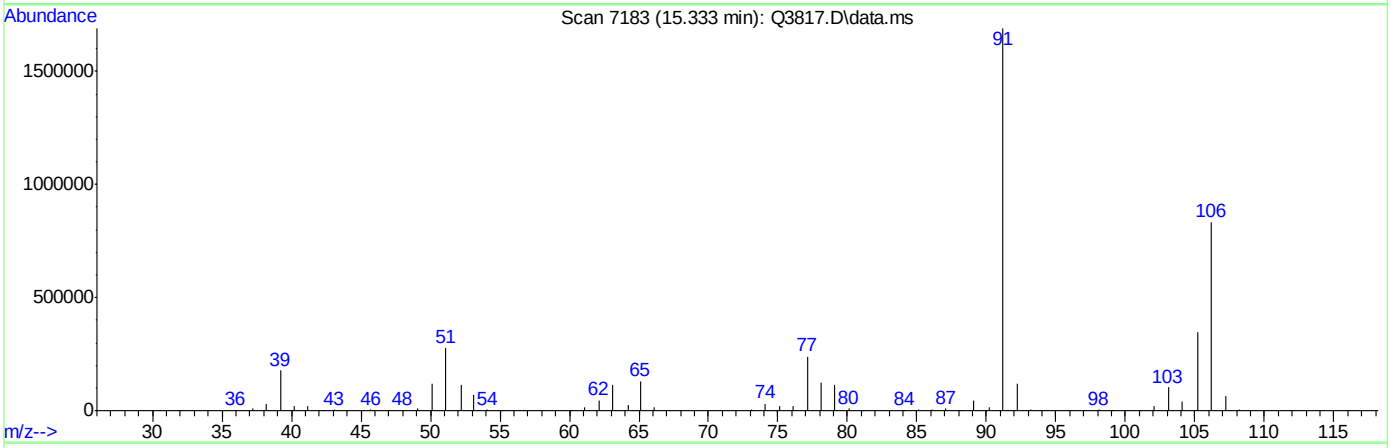
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3817.D
Acq On : 27 Jun 2007 11:33 am
Operator : PhilipB
Sample : IC205-40 (M041)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:09:27 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 13:09:21 2007
Response via : Initial Calibration





TIC: Q3817.D\data.ms

(56) m,p-XYLENE (m)

15.333min (+0.004) 97.88PPBV m

response 2242622

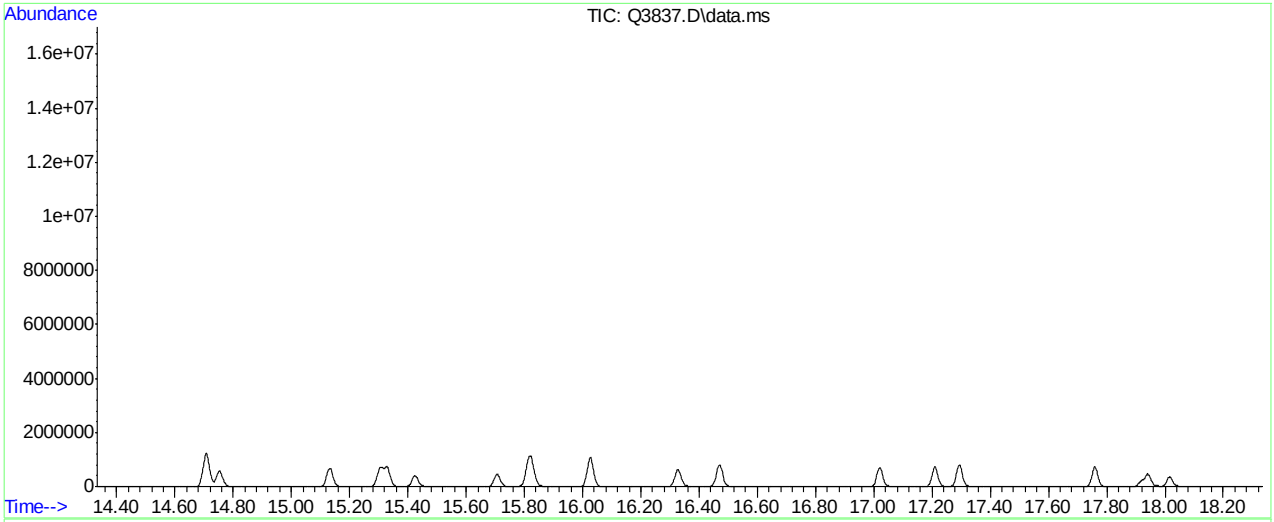
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	202.86
77.00	27.30	28.75
0.00	0.00	0.00

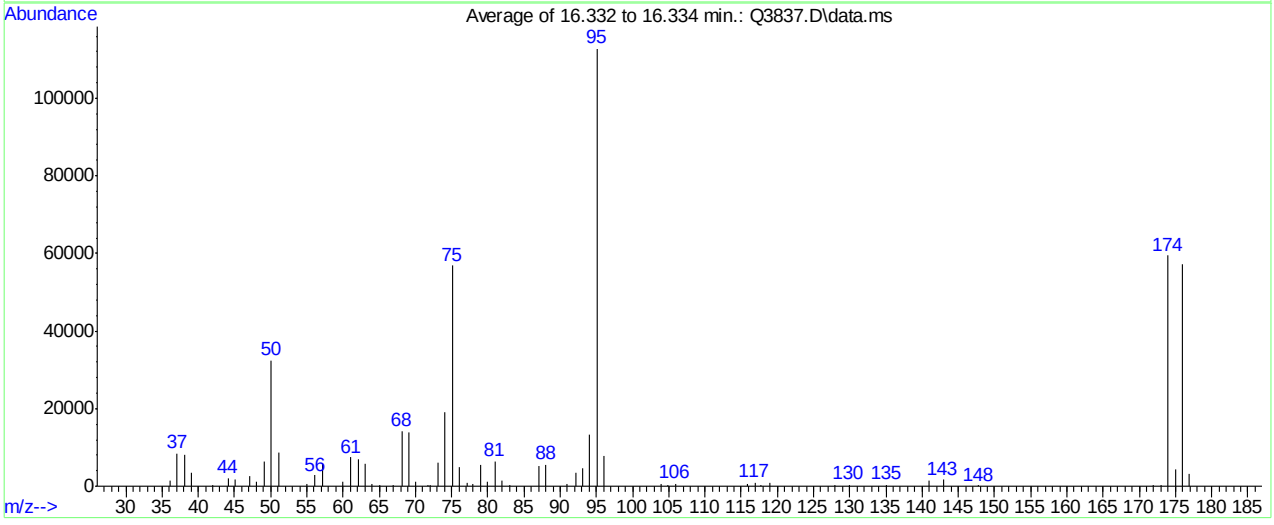
BFB

Data File : C:\msdchem\1\DATA\Q3837.D
Acq On : 28 Jun 2007 12:44 pm
Sample : CC204-10 (M080)
Misc : MS13820, MSQ206,,,,,1
MS Integration Params: LSCINT.P

Vial: 2
Operator: PhilipB
Inst : MAMSQ
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\Q062707T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.332 to 16.334 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	28.7	32436	PASS
75	95	30	66	50.4	56824	PASS
95	95	100	100	100.0	112828	PASS
96	95	5	9	6.8	7677	PASS
173	174	0.00	2	0.6	343	PASS
174	95	50	120	52.7	59444	PASS
175	174	4	9	7.3	4321	PASS
176	174	93	101	96.0	57092	PASS
177	176	5	9	5.5	3129	PASS

Q3837.D Q062707T.m Thu Jun 28 13:53:39 2007 RPT1

Average of 16.332 to 16.334 min.: Q3837.D\data.ms
CC204-10 (M080)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	1557	51.10	8661	68.10	14185	79.00	5471
37.10	8502	55.05	616	69.10	13795	79.95	1288
38.10	8181	56.10	2811	70.05	1074	81.00	6470
39.10	3333	57.10	5645	71.80	252	81.95	1362
42.00	237	60.00	1036	72.10	231	83.00	279
44.10	2114	61.10	7381	73.10	6130	87.05	5333
45.05	1810	62.15	6830	74.10	19016	88.00	5643
47.15	2547	63.10	5681	75.10	56824	90.90	486
48.05	1129	64.00	583	76.10	5017	92.10	3523
49.10	6267	65.00	224	77.10	819	93.10	4559
50.10	32436	67.00	208	77.95	643	94.10	13332

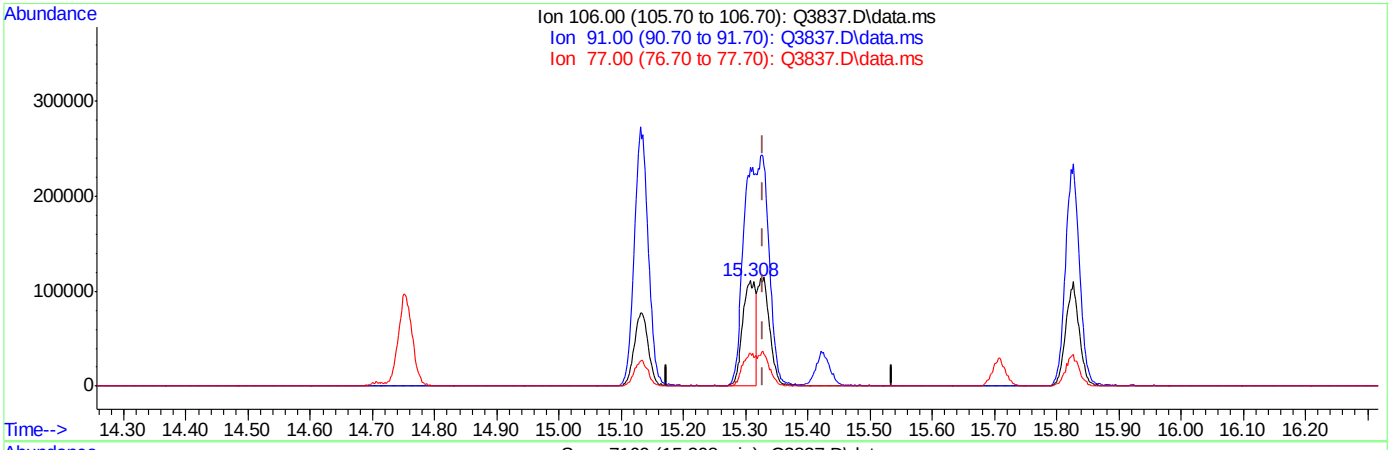
Average of 16.332 to 16.334 min.: Q3837.D\data.ms
CC204-10 (M080)

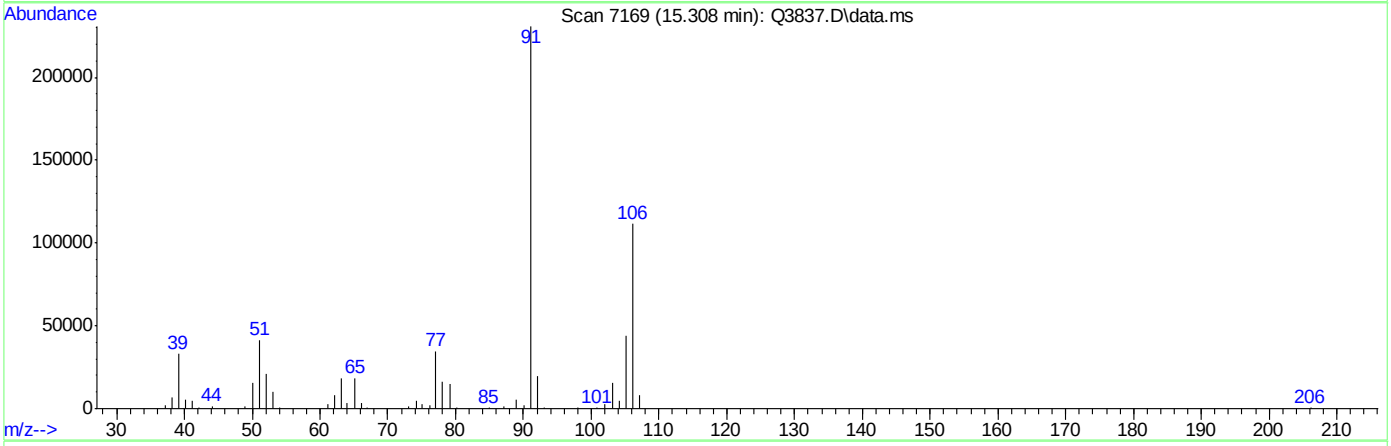
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
95.10	112828	135.10	349				
96.10	7677	140.95	1406				
103.95	584	142.95	1714				
104.90	345	147.80	208				
105.90	607	171.90	277				
115.90	707	173.00	343				
116.90	945	174.00	59444				
117.70	273	175.00	4321				
118.95	847	176.00	57092				
127.90	204	176.95	3129				
129.90	314						

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3837.D
Acq On : 28 Jun 2007 12:44 pm
Operator : PhilipB
Sample : CC204-10 (M080)
Misc : MS13820, MSQ206,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 28 13:49:59 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 28 13:49:55 2007
Response via : Initial Calibration





TIC: Q3837.D\data.ms

(56) m,p-XYLENE (m)

15.308min (-0.021) 9.25PPBV

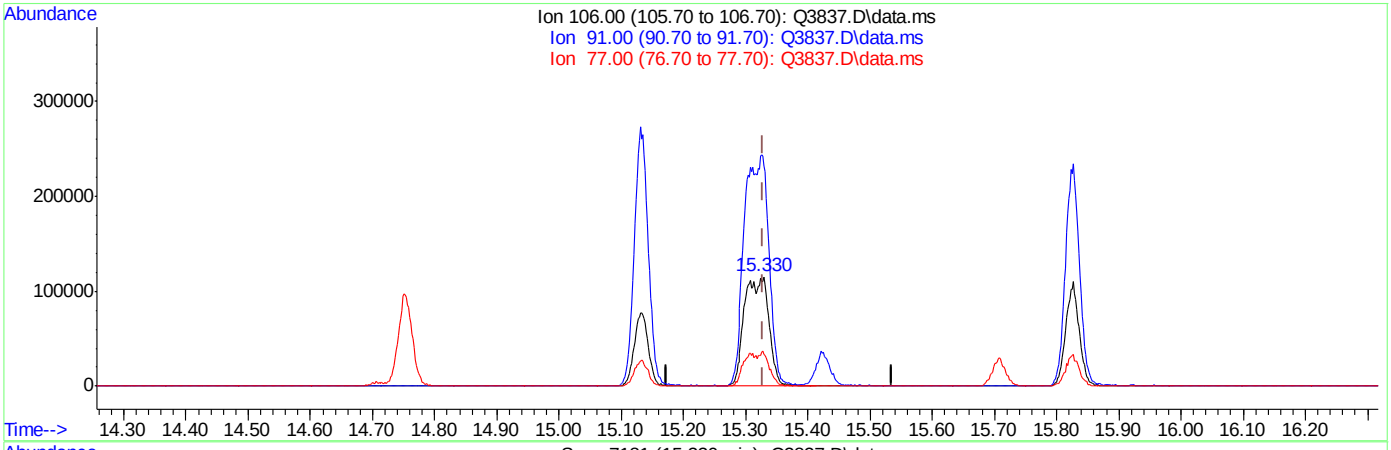
response 161149

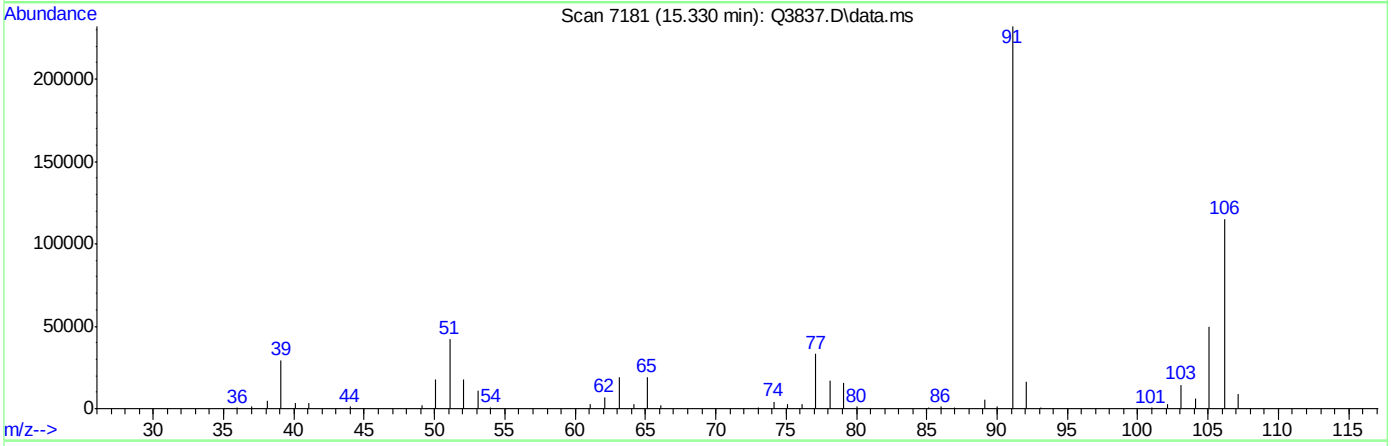
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	207.20
77.00	27.30	31.03
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3837.D
Acq On : 28 Jun 2007 12:44 pm
Operator : PhilipB
Sample : CC204-10 (M080)
Misc : MS13820, MSQ206,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 28 13:49:59 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 28 13:49:55 2007
Response via : Initial Calibration





TIC: Q3837.D\data.ms

(56) m,p-XYLENE (m)

15.330min (+0.001) 18.03PPBV m

response 314192

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	201.44
77.00	27.30	28.76
0.00	0.00	0.00

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Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
06/18/07 11:53

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10580.D
Acq On : 7 Jun 2007 9:39 am
Operator : danat
Sample : ic548-0.5 (m122)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 07 10:12:48 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 10:11:07 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	396095	10.00	PPBV	0.01
35) 1,4-DIFLUOROBENZENE	10.43	114	1783950	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1514383	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.29	95	419255	4.68	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 93.60%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	60407	0.43	PPBV	98
3) PROPYLENE	4.01	41	11607	0.46	PPBV	87
4) FREON 114	4.33	85	53606	0.43	PPBV	99
5) CHLOROMETHANE	4.24	50	14589	0.43	PPBV	86
6) VINYL CHLORIDE	4.45	62	16270	0.41	PPBV	95
7) 1,3-BUTADIENE	4.58	39	11535	0.42	PPBV	88
8) BROMOMETHANE	4.86	94	18396	0.43	PPBV #	14
9) CHLOROETHANE	5.04	64	8006	0.44	PPBV	76
10) TRICHLOROFLUOROMETHANE	5.80	101	59965	0.44	PPBV	99
11) ISOPROPYL ALCOHOL	6.02	45	21552m	0.49	PPBV	
12) ACETONE	5.69	43	30759	0.55	PPBV	99
13) PENTANE	6.14	42	16385	0.47	PPBV	96
14) 1,1-DICHLOROETHYLENE	6.43	96	16906	0.43	PPBV	94
15) CARBON DISULFIDE	6.85	76	54843	0.46	PPBV	96
16) ETHANOL	5.29	45	3465m	0.41	PPBV	
17) BROMOETHENE	5.38	106	16921	0.41	PPBV	98
18) METHYLENE CHLORIDE	6.56	84	64337	0.77	PPBV	99
19) 3-CHLOROPROPENE	6.67	39	12725	0.45	PPBV	92
20) FREON 113	6.79	151	43178	0.49	PPBV	96
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	16386	0.42	PPBV	100
22) TERTIARY BUTYL ALCOHOL	6.64	59	16240	0.35	PPBV #	64
23) METHYL TERTIARY BUTYL ETHE	7.77	73	32037	0.41	PPBV	86
24) TETRAHYDROFURAN	9.24	42	9279	0.40	PPBV	87
25) HEXANE	8.63	57	49085	0.87	PPBV	97
26) VINYL ACETATE	7.81	43	20838	0.41	PPBV #	83
27) 1,1-DICHLOROETHANE	7.65	63	28729	0.44	PPBV	99
28) METHYL ETHYL KETONE	8.11	43	19331	0.43	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.46	96	16659	0.45	PPBV	97
30) ETHYL ACETATE	8.71	43	19756	0.42	PPBV #	93
31) CHLOROFORM	8.74	83	44399	0.50	PPBV	98
32) 1,1,1-TRICHLOROETHANE	9.68	97	44320	0.46	PPBV	98
33) CARBON TETRACHLORIDE	10.26	117	50382	0.45	PPBV	100
34) 1,2-DICHLOROETHANE	9.45	62	20290	0.41	PPBV	98
36) BENZENE	10.12	78	39265	0.42	PPBV	98
37) CYCLOHEXANE	10.37	84	16933	0.40	PPBV	94
38) TRICHLOROETHYLENE	11.11	95	21534	0.44	PPBV	97
39) 1,2-DICHLOROPROPANE	10.89	63	12928	0.41	PPBV	99
40) BROMODICHLOROMETHANE	11.08	83	35202	0.45	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	56161	0.41	PPBV	97
42) 1,4-DIOXANE	11.27	88	2900m	0.21	PPBV	
43) HEPTANE	11.35	43	19404	0.44	PPBV	96

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10580.D
Acq On : 7 Jun 2007 9:39 am
Operator : danat
Sample : ic548-0.5 (m122)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 07 10:12:48 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 10:11:07 2007
Response via : Initial Calibration

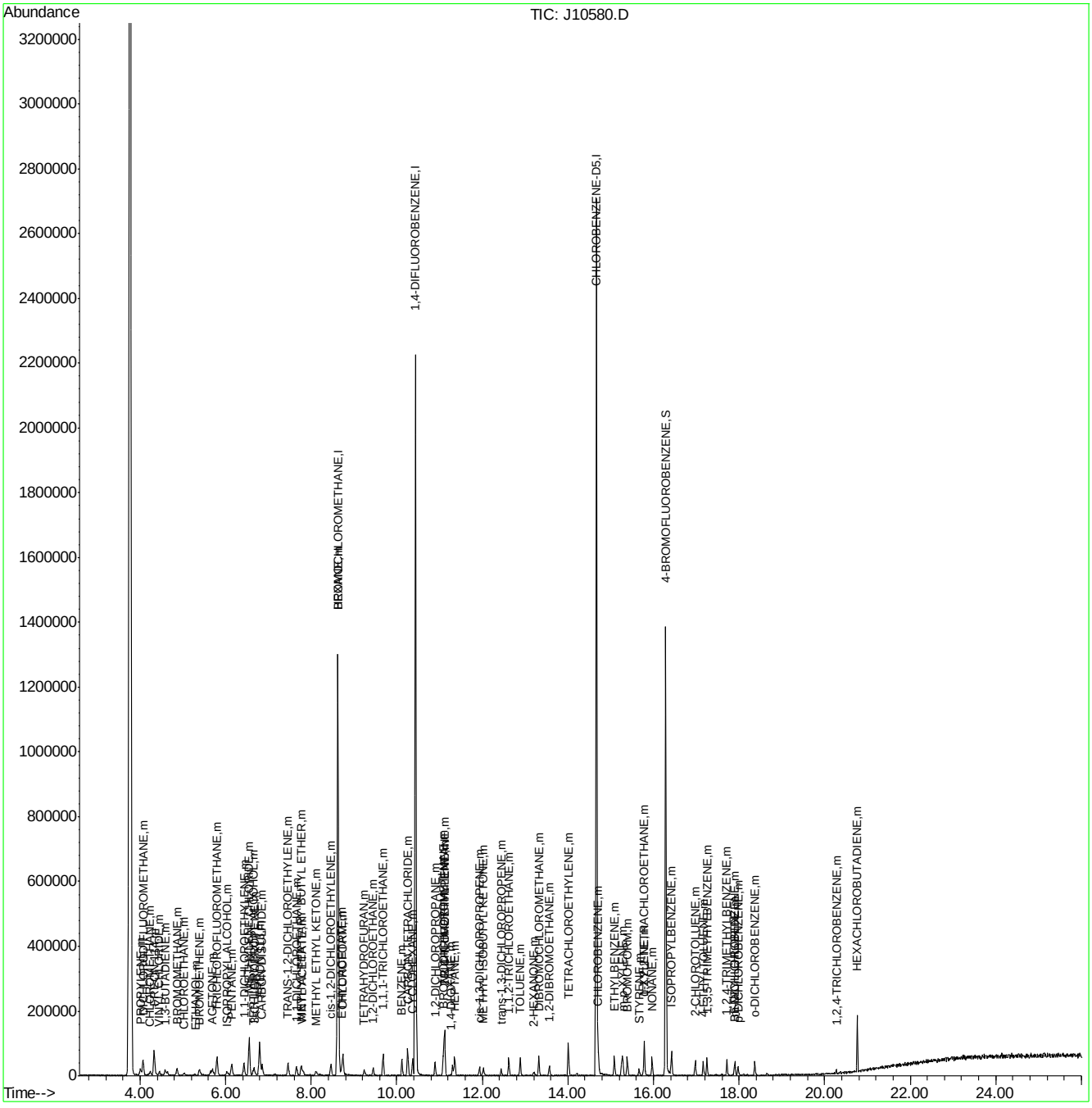
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.02	43	18426	0.42	PPBV	92
45) cis-1,3-DICHLOROPROPENE	11.93	75	13208	0.31	PPBV	95
46) TOLUENE	12.89	92	22951	0.38	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.44	75	10082	0.31	PPBV	97
48) 1,1,2-TRICHLOROETHANE	12.62	83	12944	0.40	PPBV	97
50) 2-HEXANONE	13.20	43	10402	0.34	PPBV	79
51) TETRACHLOROETHYLENE	14.01	164	23932	0.44	PPBV	99
52) DIBROMOCHLOROMETHANE	13.32	129	31097	0.42	PPBV	97
53) 1,2-DIBROMOETHANE	13.56	107	19552	0.37	PPBV	96
54) CHLOROBENZENE	14.71	112	31803	0.40	PPBV	96
55) ETHYLBENZENE	15.09	91	37919	0.34	PPBV	98
56) m,p-XYLENE	15.28	106	28253	0.63	PPBV	94
57) o-XYLENE	15.78	106	14688	0.33	PPBV	96
58) STYRENE	15.66	104	10930	0.22	PPBV	99
59) NONANE	15.97	43	16670	0.35	PPBV	95
60) BROMOFORM	15.39	173	26491	0.39	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	28502	0.43	PPBV	99
63) ISOPROPYLBENZENE	16.42	105	42565	0.33	PPBV	99
64) 2-CHLOROTOLUENE	16.98	91	27153	0.32	PPBV	97
65) 4-ETHYLTOLUENE	17.17	105	27863	0.29	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	29875	0.31	PPBV	97
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	23969	0.29	PPBV	97
68) m-DICHLOROBENZENE	17.90	146	15947	0.25	PPBV	97
69) BENZYL CHLORIDE	17.88	91	8017	0.19	PPBV	90
70) p-DICHLOROBENZENE	17.97	146	13154	0.23	PPBV	91
71) o-DICHLOROBENZENE	18.37	146	17358	0.30	PPBV	93
72) HEXACHLOROBUTADIENE	20.76	225	28251	0.54	PPBV	96
73) 1,2,4-TRICHLOROBENZENE	20.28	180	4430	0.19	PPBV	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10580.D
Acq On : 7 Jun 2007 9:39 am
Operator : danat
Sample : ic548-0.5 (m122)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 07 10:12:48 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 10:11:07 2007
Response via : Initial Calibration

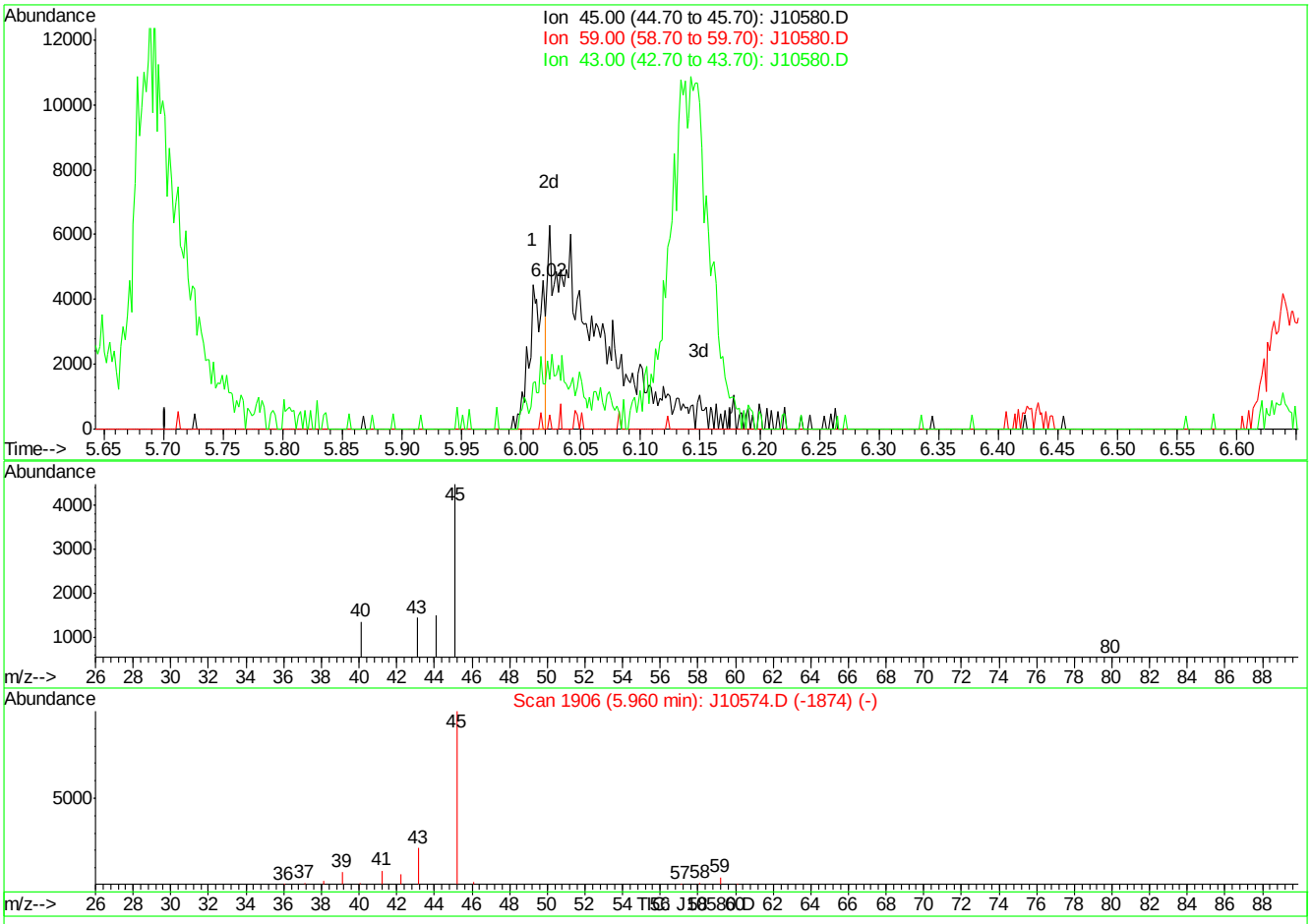


Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 10:11:17 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:11:07 2007
Response via : Multiple Level Calibration



(11) ISOPROPYL ALCOHOL (m)

6.01min 0.09PPBV

response 3923

Ion	Exp%	Act%
45.00	100	100
59.00	4.40	0.00
43.00	21.90	32.31
0.00	0.00	0.00

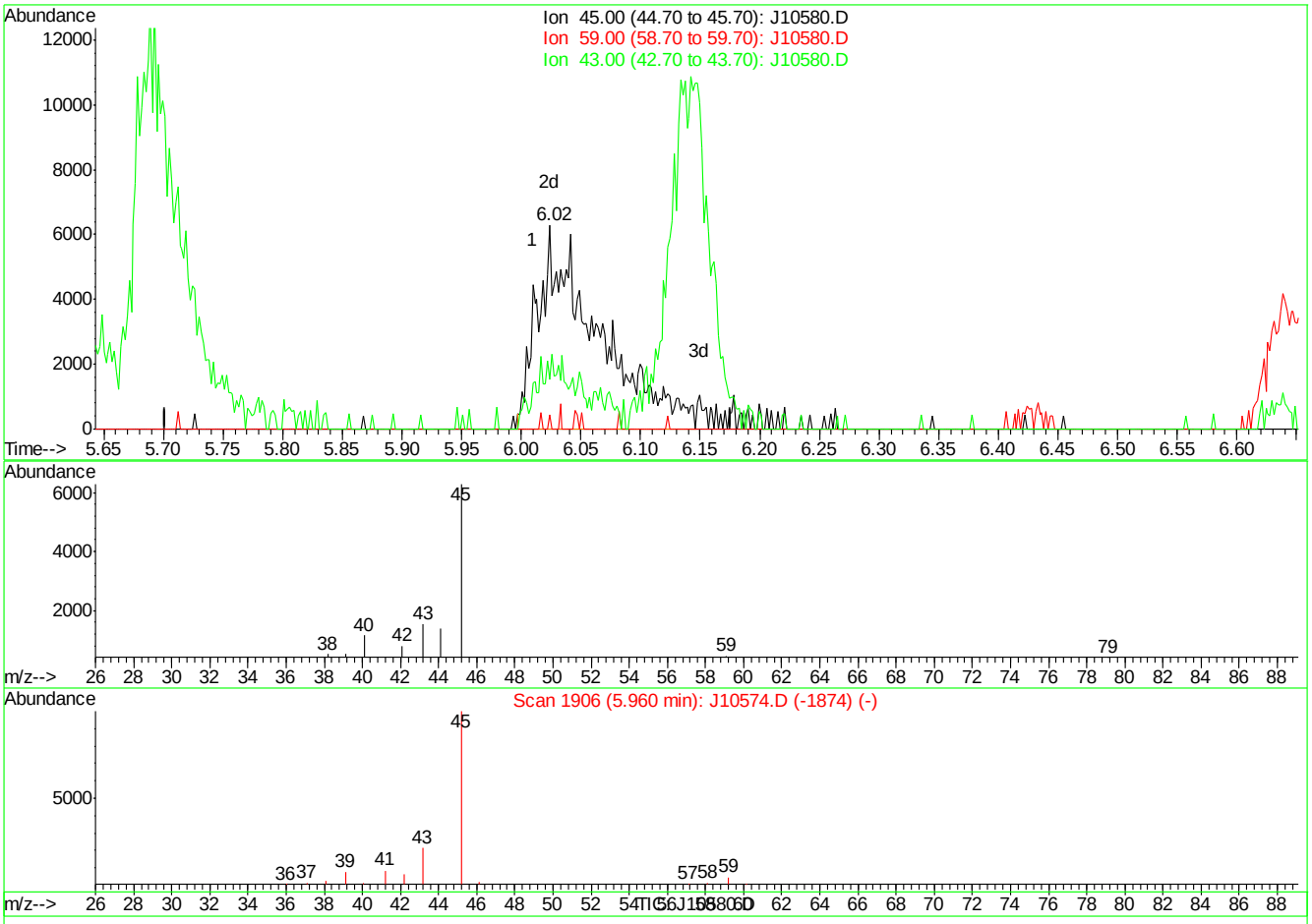
J10580.D J060707T.M Thu Jun 07 10:11:50 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 10:11:17 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:11:07 2007
Response via : Multiple Level Calibration



(11) ISOPROPYL ALCOHOL (m)

6.02min 0.49PPBV m

response 21552

Ion	Exp%	Act%
45.00	100	100
59.00	4.40	7.28
43.00	21.90	24.31
0.00	0.00	0.00

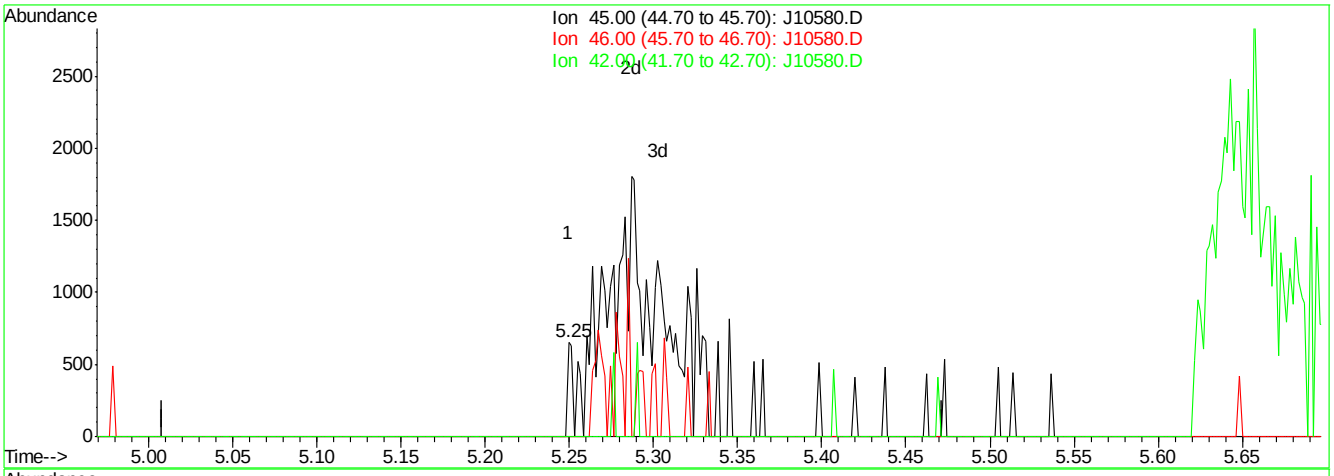
J10580.D J060707T.M Thu Jun 07 10:11:59 2007

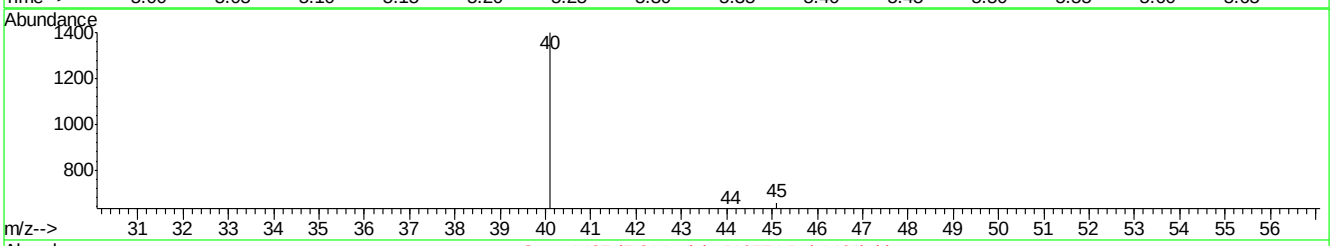
Quantitation Report (Qedit)

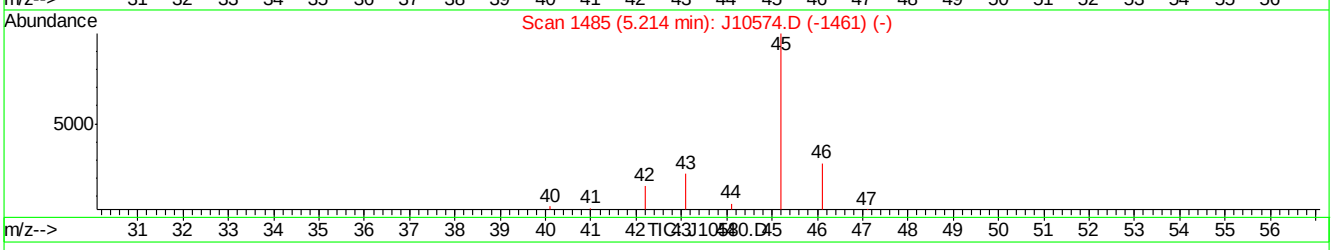
Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 10:11:17 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:11:07 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.25min 0.03PPBV

response 238

Ion	Exp%	Act%
45.00	100	100
46.00	30.00	142.86#
42.00	6.30	0.00
0.00	0.00	0.00

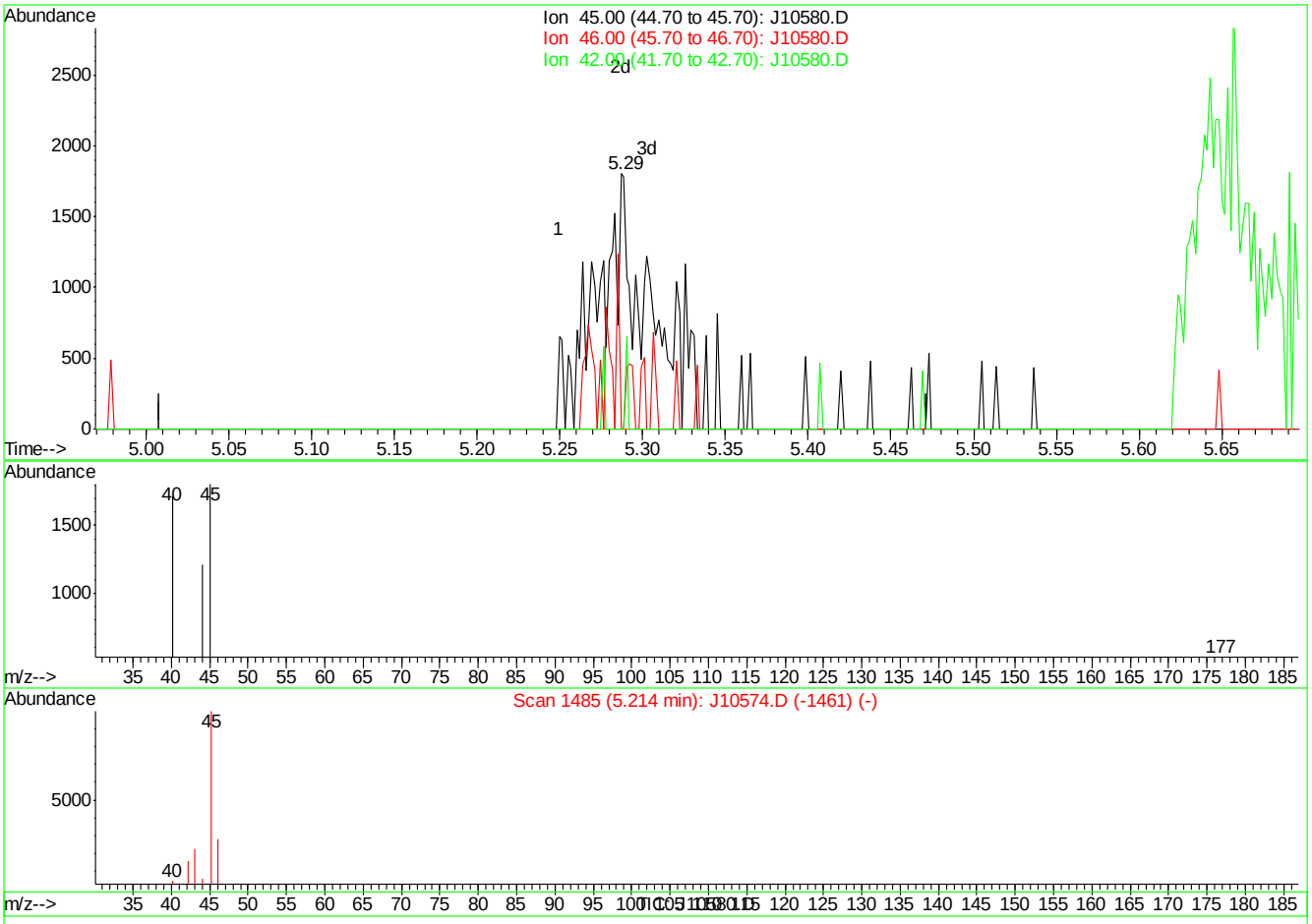
J10580.D J060707T.M Thu Jun 07 10:12:08 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 10:11:17 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:11:07 2007
Response via : Multiple Level Calibration



(16) ETHANOL (m)

5.29min 0.41PPBV m

response 3465

Ion	Exp%	Act%
45.00	100	100
46.00	30.00	9.81#
42.00	6.30	0.00
0.00	0.00	0.00

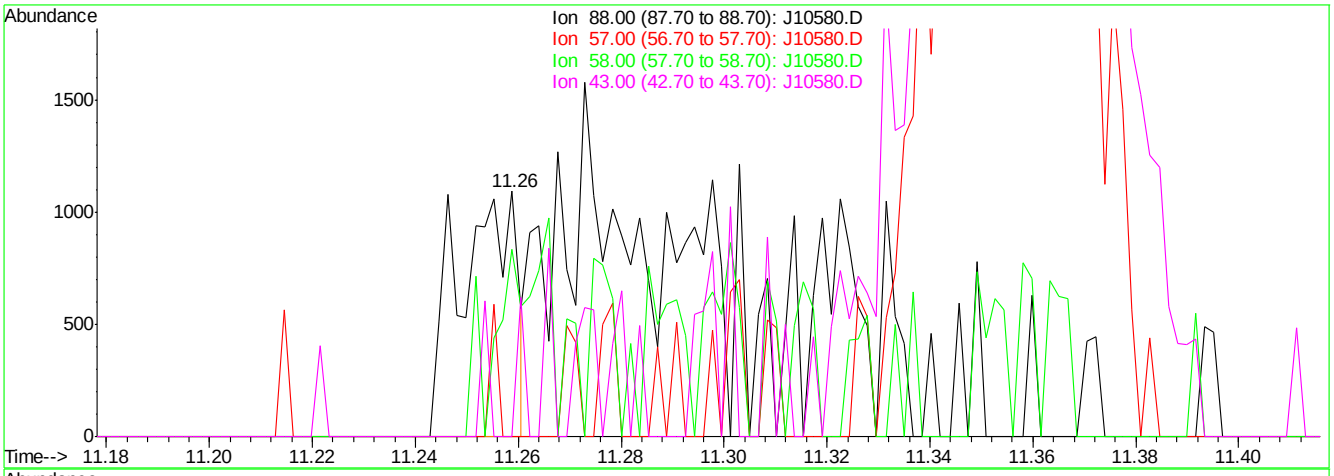
J10580.D J060707T.M Thu Jun 07 10:12:17 2007

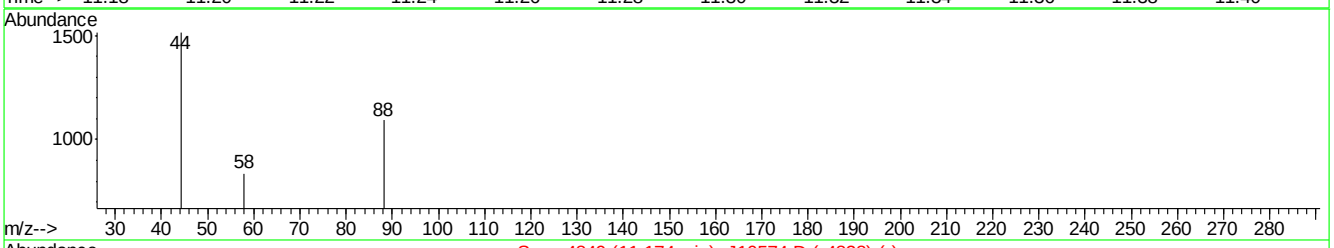
Quantitation Report (Qedit)

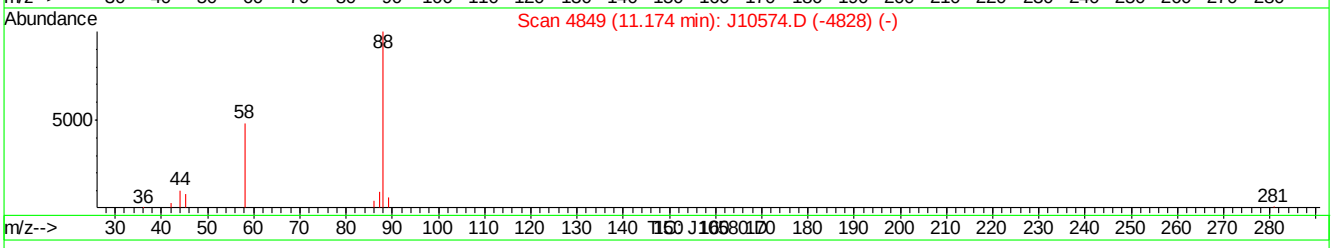
Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 10:11:17 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:11:07 2007
Response via : Multiple Level Calibration







(42) 1,4-DIOXANE (m)

11.26min 0.06PPBV

response 847

Ion	Exp%	Act%
88.00	100	100
57.00	23.80	0.00#
58.00	57.70	76.56
43.00	25.00	0.00#

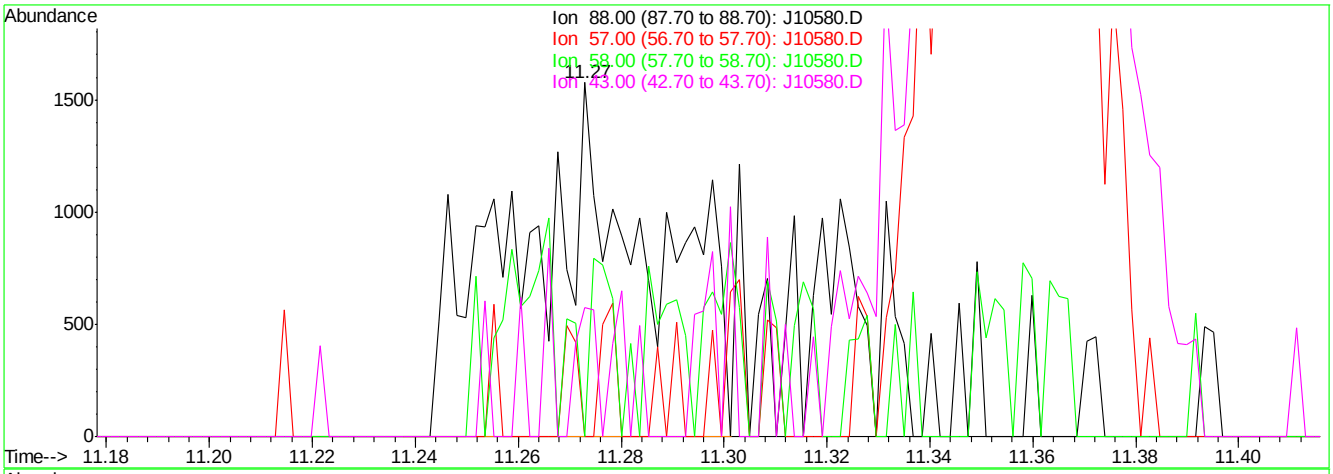
J10580.D J060707T.M Thu Jun 07 10:12:45 2007

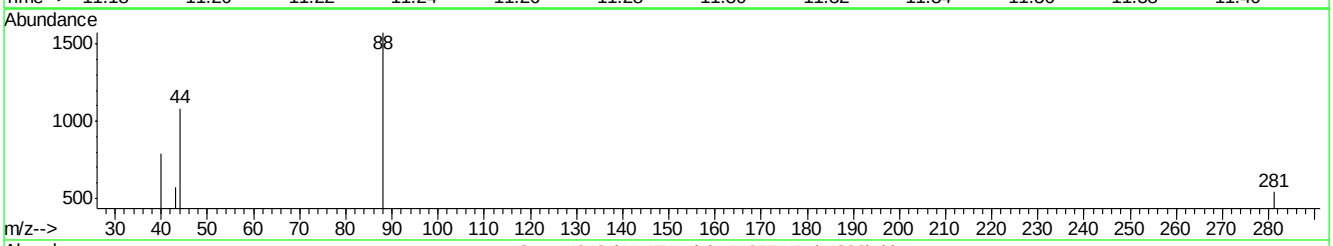
Quantitation Report (Qedit)

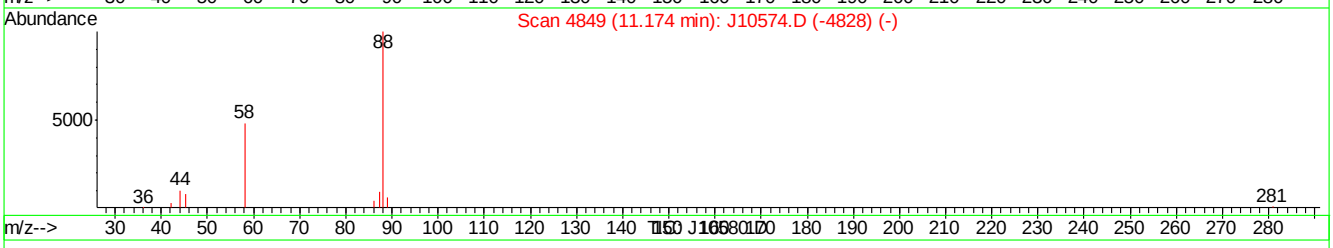
Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 10:11:17 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:11:07 2007
Response via : Multiple Level Calibration







(42) 1,4-DIOXANE (m)

11.27min 0.21PPBV m

response 2900

Ion	Exp%	Act%
88.00	100	100
57.00	23.80	0.00#
58.00	57.70	0.00#
43.00	25.00	36.29

J10580.D J060707T.M Thu Jun 07 10:12:52 2007

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
06/18/07 11:53

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10581.D
Acq On : 7 Jun 2007 10:30 am
Operator : danat
Sample : ic548-0.2 (m122)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 07 11:10:56 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 10:13:39 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	370872	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.43	114	1637674	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1332043	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	337244	4.57	PPBV	-0.01

Spiked Amount 5.000 Range 51 - 142 Recovery = 91.40%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	26301	0.23	PPBV		99
3) PROPYLENE	4.00	41	4337	0.20	PPBV		78
4) FREON 114	4.32	85	25161	0.25	PPBV		98
5) CHLOROMETHANE	4.24	50	6635	0.24	PPBV		89
6) VINYL CHLORIDE	4.44	62	7048	0.23	PPBV	#	92
7) 1,3-BUTADIENE	4.58	39	4017	0.19	PPBV	#	80
8) BROMOMETHANE	4.86	94	8180	0.24	PPBV		95
9) CHLOROETHANE	5.03	64	2567m	0.17	PPBV		
10) TRICHLOROFLUOROMETHANE	5.79	101	27802	0.25	PPBV		98
11) ISOPROPYL ALCOHOL	6.07	45	6454	0.16	PPBV		94
12) ACETONE	5.72	43	11442	0.20	PPBV		89
13) PENTANE	6.13	42	6661m	0.22	PPBV		
14) 1,1-DICHLOROETHYLENE	6.43	96	6700	0.21	PPBV		98
15) CARBON DISULFIDE	6.85	76	25008	0.24	PPBV		99
17) BROMOETHENE	5.38	106	6565	0.21	PPBV	#	50
18) METHYLENE CHLORIDE	6.56	84	17087	0.14	PPBV		99
19) 3-CHLOROPROPENE	6.67	39	4014	0.17	PPBV	#	8
20) FREON 113	6.79	151	16014	0.20	PPBV		98
21) TRANS-1,2-DICHLOROETHYLENE	7.47	96	6465	0.21	PPBV		93
22) TERTIARY BUTYL ALCOHOL	6.71	59	5040m	0.17	PPBV		
23) METHYL TERTIARY BUTYL ETHE	7.79	73	10963	0.18	PPBV	#	78
25) HEXANE	8.63	57	10642	0.12	PPBV		91
27) 1,1-DICHLOROETHANE	7.66	63	10993	0.20	PPBV		98
28) METHYL ETHYL KETONE	8.13	43	6216	0.17	PPBV		77
29) cis-1,2-DICHLOROETHYLENE	8.45	96	5925	0.19	PPBV		96
30) ETHYL ACETATE	8.73	43	6979	0.19	PPBV	#	89
31) CHLOROFORM	8.74	83	16091	0.19	PPBV		98
32) 1,1,1-TRICHLOROETHANE	9.67	97	16531	0.20	PPBV		99
33) CARBON TETRACHLORIDE	10.25	117	18993	0.20	PPBV		98
34) 1,2-DICHLOROETHANE	9.45	62	8242	0.22	PPBV		90
36) BENZENE	10.12	78	13247	0.18	PPBV		80
37) CYCLOHEXANE	10.37	84	5355m	0.17	PPBV		
38) TRICHLOROETHYLENE	11.11	95	7512	0.19	PPBV		95
39) 1,2-DICHLOROPROPANE	10.89	63	4961	0.21	PPBV		90
40) BROMODICHLOROMETHANE	11.08	83	12876	0.20	PPBV		97
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	17682	0.17	PPBV		94
43) HEPTANE	11.35	43	5623	0.16	PPBV	#	80
44) METHYL ISOBUTYL KETONE	12.04	43	4679m	0.14	PPBV		
45) cis-1,3-DICHLOROPROPENE	11.93	75	4340	0.18	PPBV		95
46) TOLUENE	12.89	92	7157	0.17	PPBV	#	1
47) trans-1,3-DICHLOROPROPENE	12.43	75	3115	0.17	PPBV		90

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10581.D
Acq On : 7 Jun 2007 10:30 am
Operator : danat
Sample : ic548-0.2 (m122)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 07 11:10:56 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 10:13:39 2007
Response via : Initial Calibration

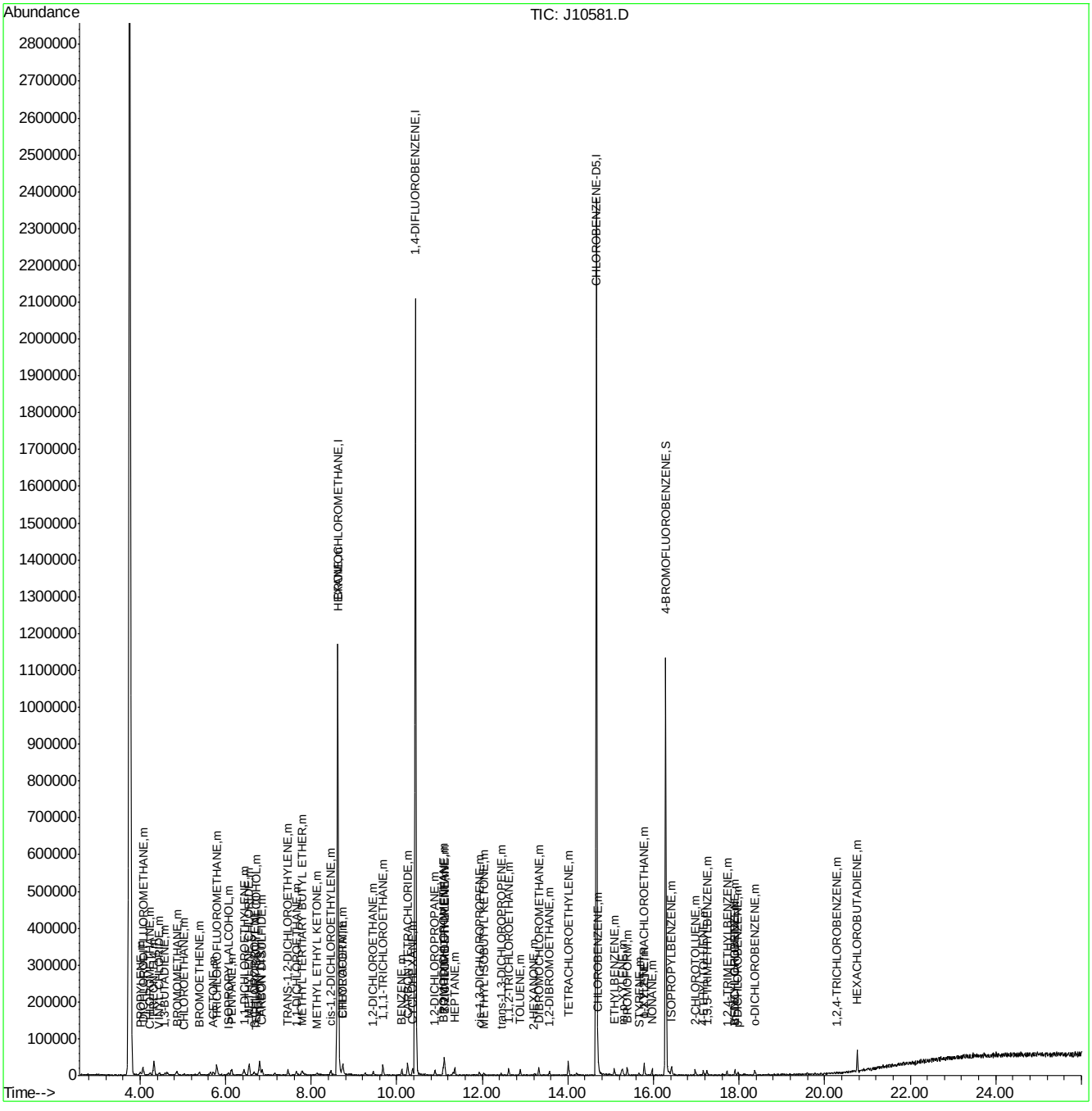
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,1,2-TRICHLOROETHANE	12.62	83	4933	0.21	PPBV		94
50) 2-HEXANONE	13.21	43	2044	0.11	PPBV	#	61
51) TETRACHLOROETHYLENE	14.01	164	8498	0.20	PPBV		92
52) DIBROMOCHLOROMETHANE	13.32	129	11152	0.20	PPBV		98
53) 1,2-DIBROMOETHANE	13.57	107	6718	0.20	PPBV	#	96
54) CHLOROBENZENE	14.71	112	11631	0.21	PPBV		98
55) ETHYLBENZENE	15.09	91	11213	0.17	PPBV		96
56) m,p-XYLENE	15.28	106	7928	0.32	PPBV	#	59
57) o-XYLENE	15.78	106	4076	0.16	PPBV		97
58) STYRENE	15.66	104	3323	0.17	PPBV	#	78
59) NONANE	15.97	43	4073	0.14	PPBV		87
60) BROMOFORM	15.38	173	8966	0.19	PPBV		95
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	9758	0.19	PPBV		97
63) ISOPROPYLBENZENE	16.42	105	12066	0.16	PPBV		95
64) 2-CHLOROTOLUENE	16.97	91	8633	0.18	PPBV		90
65) 4-ETHYLTOLUENE	17.16	105	7459	0.15	PPBV	#	76
66) 1,3,5-TRIMETHYLBENZENE	17.24	105	7625	0.15	PPBV		99
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	6645	0.16	PPBV		89
68) m-DICHLOROBENZENE	17.90	146	5239	0.19	PPBV		97
69) BENZYL CHLORIDE	17.89	91	2106m	0.15	PPBV		
70) p-DICHLOROBENZENE	17.98	146	4109	0.18	PPBV	#	35
71) o-DICHLOROBENZENE	18.36	146	5946	0.19	PPBV		97
72) HEXACHLOROBUTADIENE	20.76	225	10130	0.20	PPBV		97
73) 1,2,4-TRICHLOROBENZENE	20.28	180	1135	0.15	PPBV	#	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10581.D
Acq On : 7 Jun 2007 10:30 am
Operator : danat
Sample : ic548-0.2 (m122)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 07 11:10:56 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 10:13:39 2007
Response via : Initial Calibration



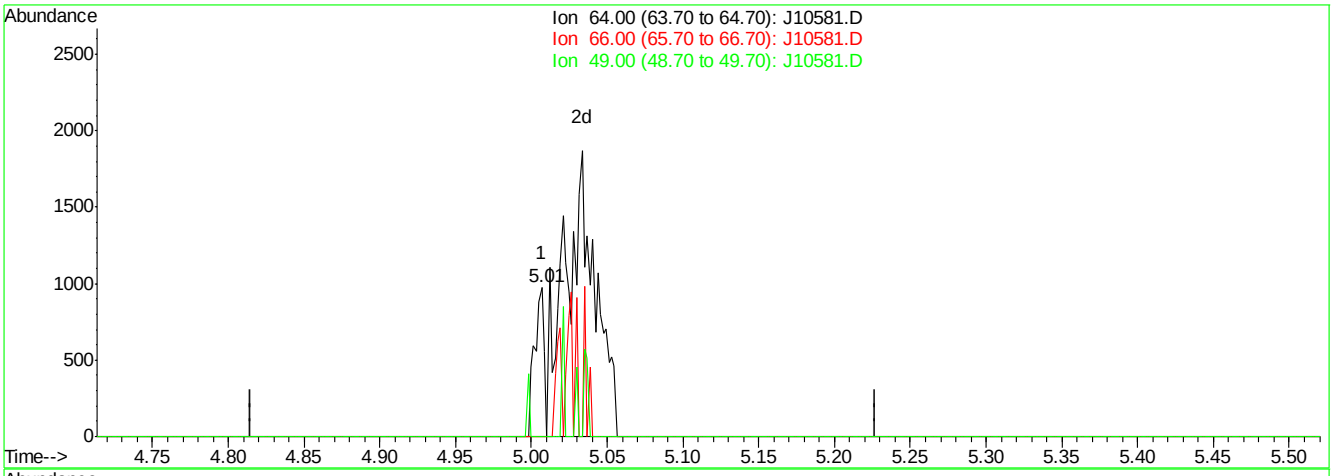
ACCUTEST Laboratories M65803

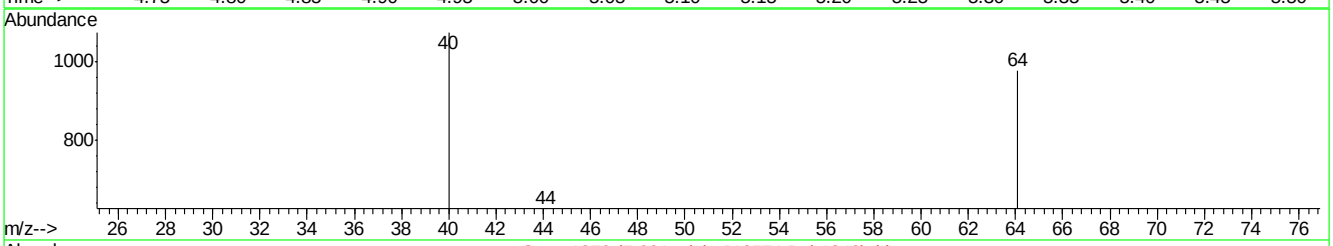
Quantitation Report (Qedit)

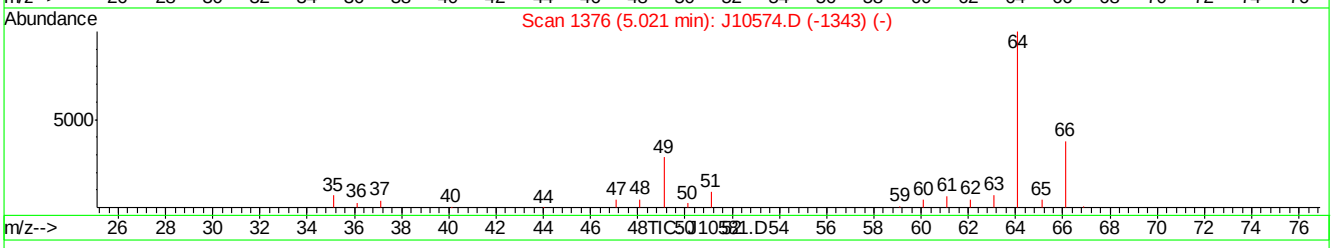
Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:06:44 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:13:39 2007
Response via : Multiple Level Calibration







(9) CHLOROETHANE (m)

5.01min 0.03PPBV

response 428

Ion	Exp%	Act%
64.00	100	100
66.00	33.70	43.22
49.00	28.10	21.26
0.00	0.00	0.00

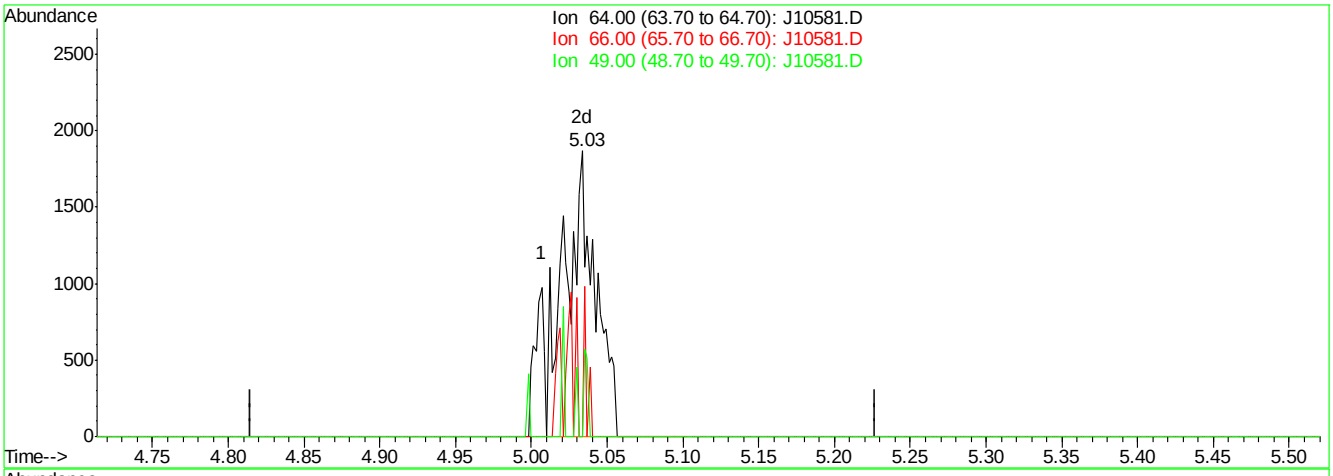
J10581.D J060707T.M Thu Jun 07 11:07:10 2007

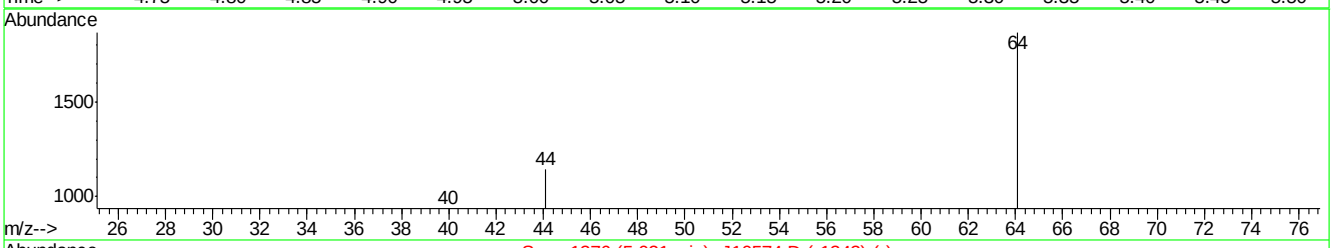
Quantitation Report (Qedit)

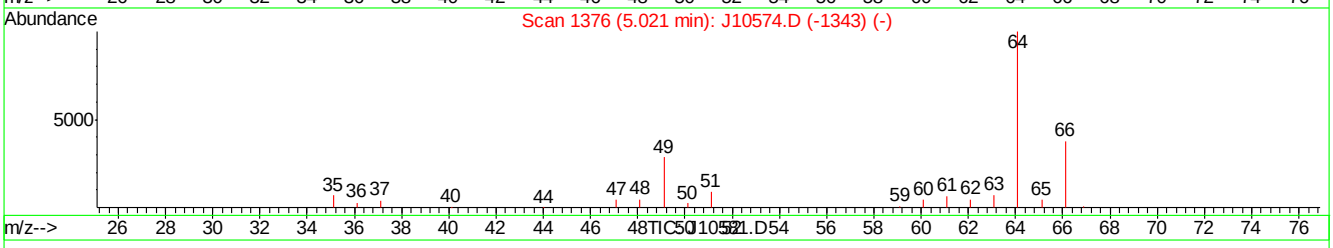
Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:06:44 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:13:39 2007
Response via : Multiple Level Calibration







(9) CHLOROETHANE (m)

5.03min 0.17PPBV m

response 2567

Ion	Exp%	Act%
64.00	100	100
66.00	33.70	7.21#
49.00	28.10	3.54#
0.00	0.00	0.00

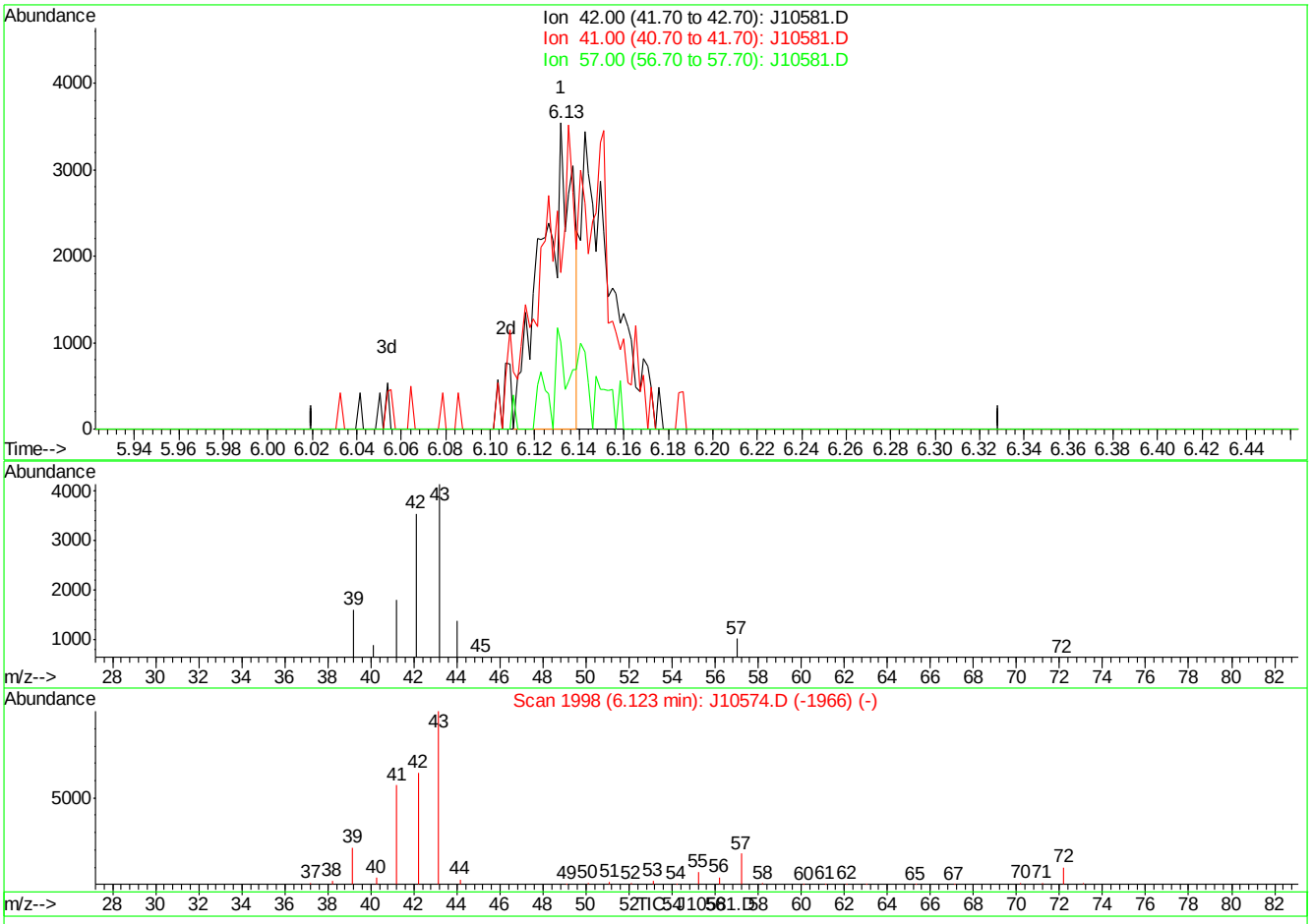
J10581.D J060707T.M Thu Jun 07 11:07:15 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:06:44 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:13:39 2007
Response via : Multiple Level Calibration



(13) PENTANE (m)

6.13min 0.11PPBV

response 3382

Ion	Exp%	Act%
42.00	100	100
41.00	93.90	195.15#
57.00	25.90	37.70
0.00	0.00	0.00

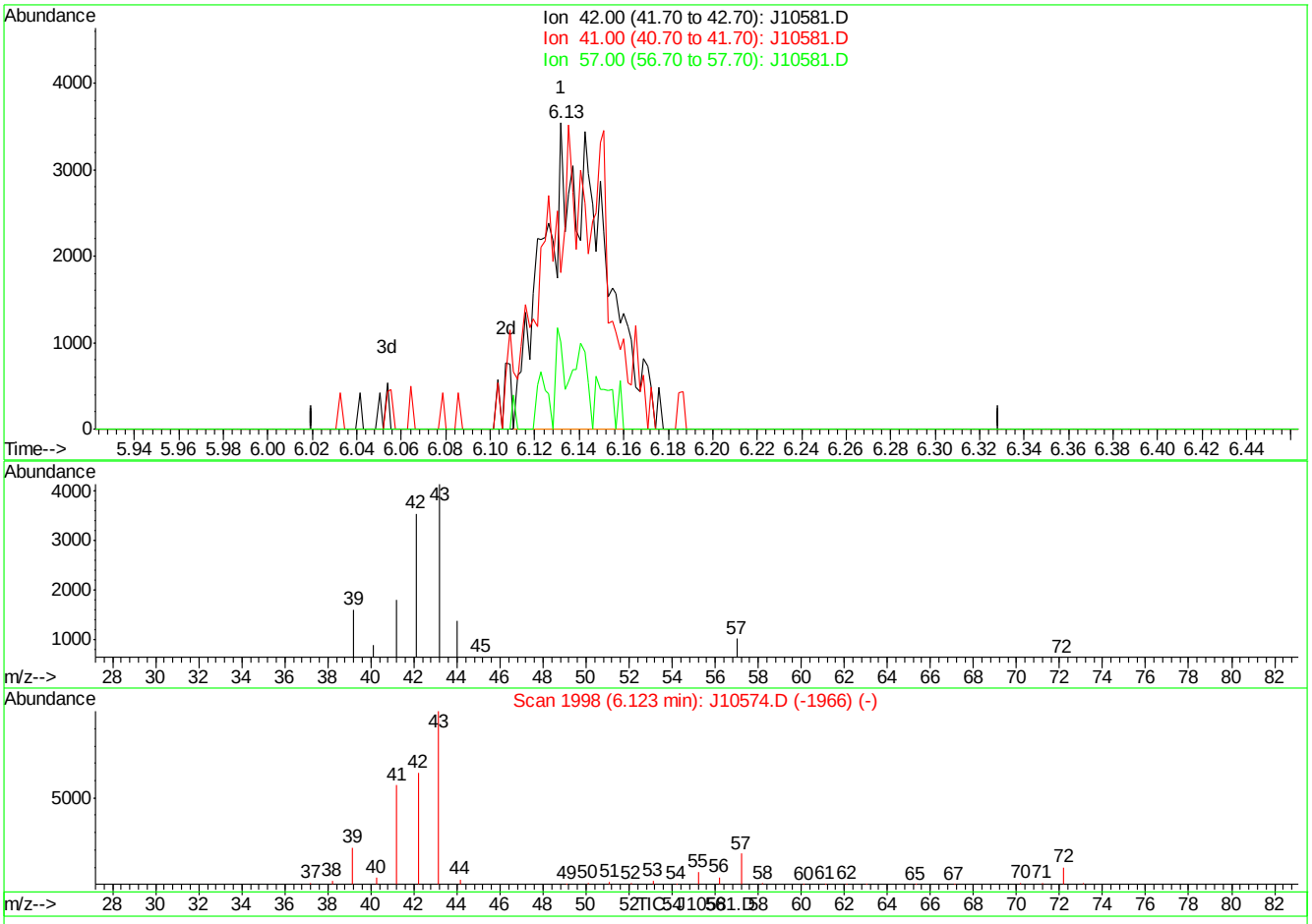
J10581.D J060707T.M Thu Jun 07 11:07:28 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:06:44 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:13:39 2007
Response via : Multiple Level Calibration



(13) PENTANE (m)

6.13min 0.22PPBV m

response 6661

Ion	Exp%	Act%
42.00	100	100
41.00	93.90	99.08
57.00	25.90	19.14
0.00	0.00	0.00

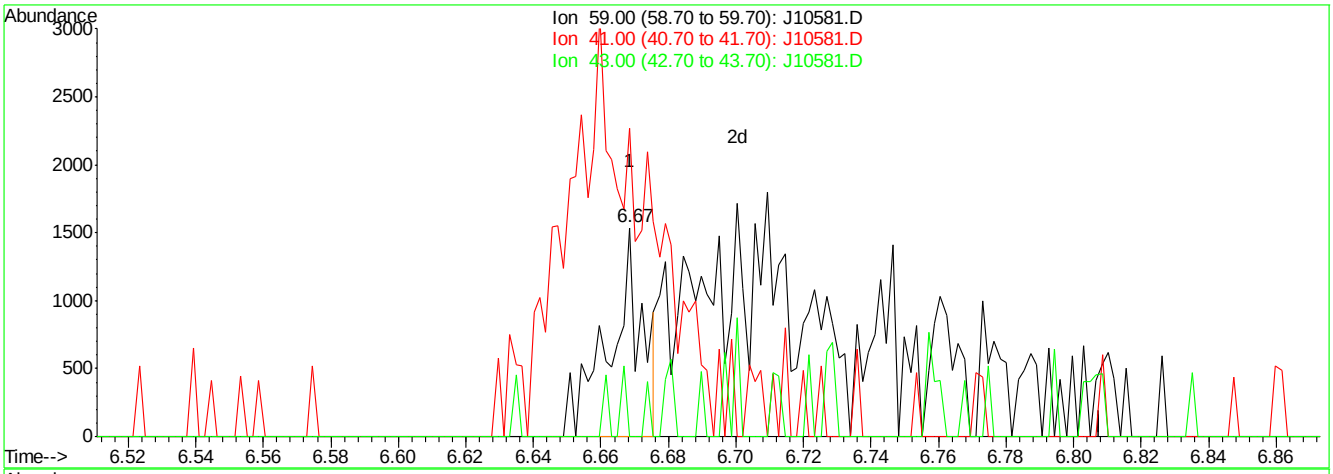
J10581.D J060707T.M Thu Jun 07 11:07:33 2007

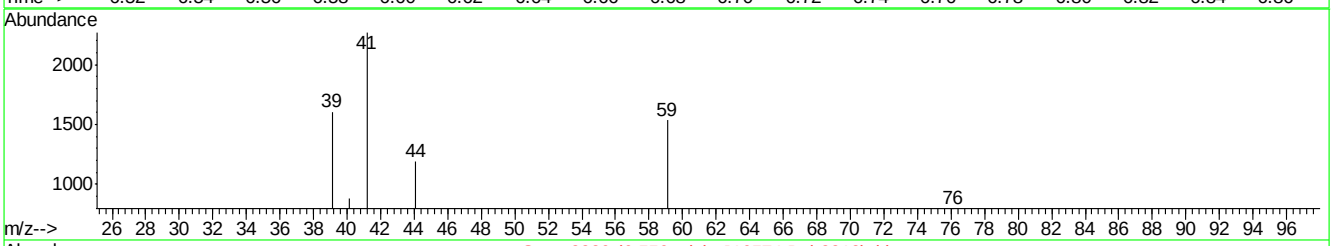
Quantitation Report (Qedit)

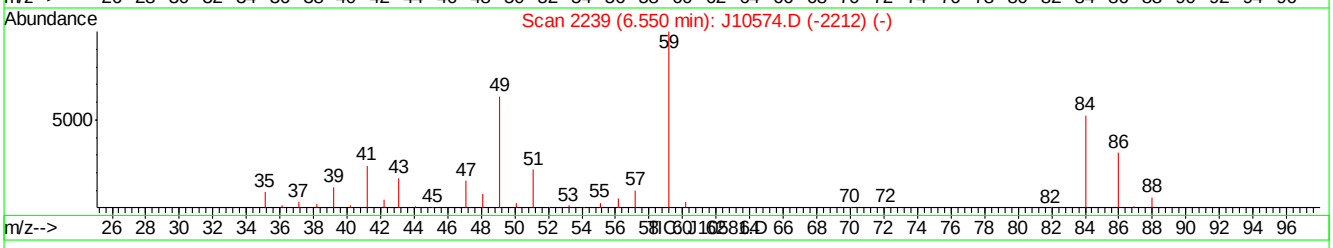
Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:06:44 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:13:39 2007
Response via : Multiple Level Calibration







(22) TERTIARY BUTYL ALCOHOL (m)

6.67min 0.03PPBV

response 1033

Ion	Exp%	Act%
59.00	100	100
41.00	21.50	499.61#
43.00	16.90	10.07
0.00	0.00	0.00

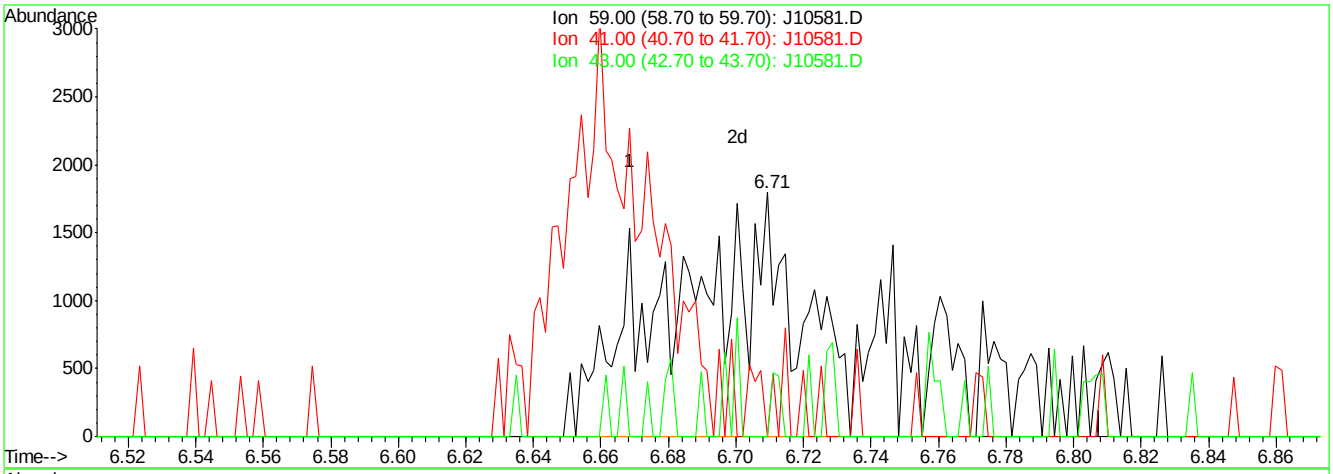
J10581.D J060707T.M Thu Jun 07 11:08:00 2007

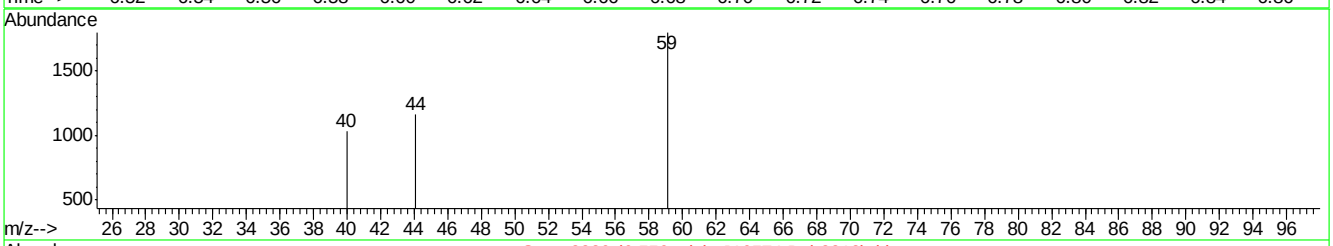
Quantitation Report (Qedit)

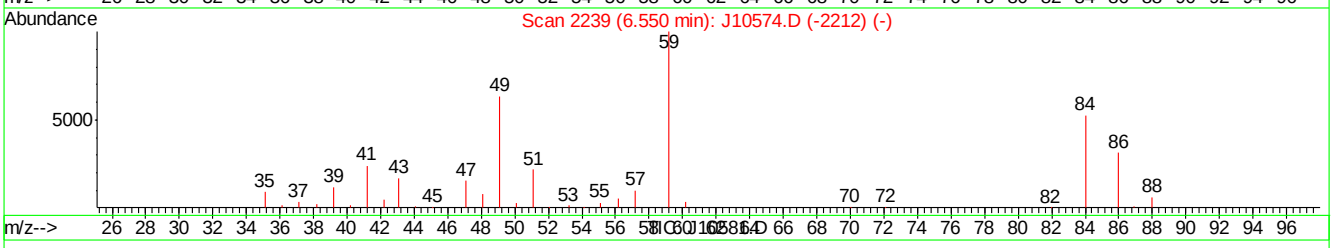
Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:06:44 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:13:39 2007
Response via : Multiple Level Calibration







(22) TERTIARY BUTYL ALCOHOL (m)

6.71min 0.17PPBV m

response 5040

Ion	Exp%	Act%
59.00	100	100
41.00	21.50	102.40#
43.00	16.90	2.06
0.00	0.00	0.00

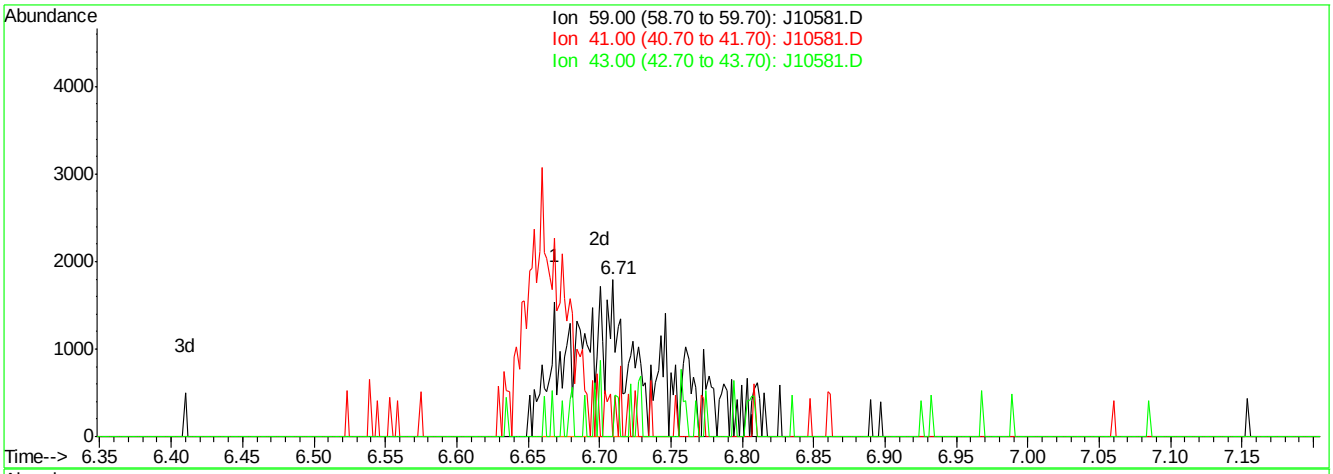
J10581.D J060707T.M Thu Jun 07 11:08:06 2007

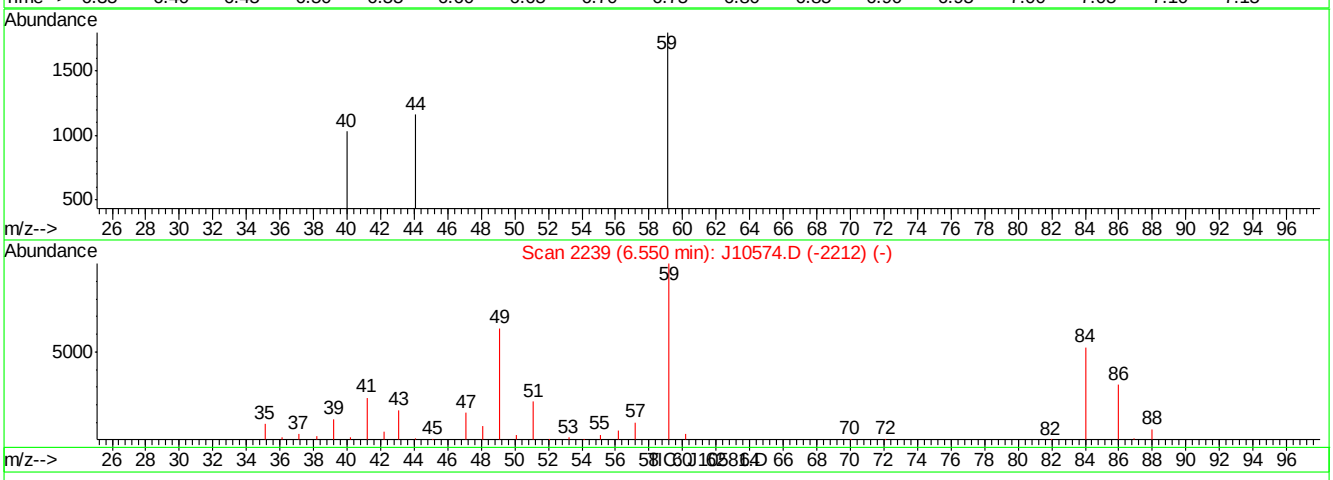
Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:06:44 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:13:39 2007
Response via : Multiple Level Calibration





(22) TERTIARY BUTYL ALCOHOL (m)

6.71min 0.17PPBV m

response 5040

Ion	Exp%	Act%
59.00	100	100
41.00	21.50	102.40#
43.00	16.90	2.06
0.00	0.00	0.00

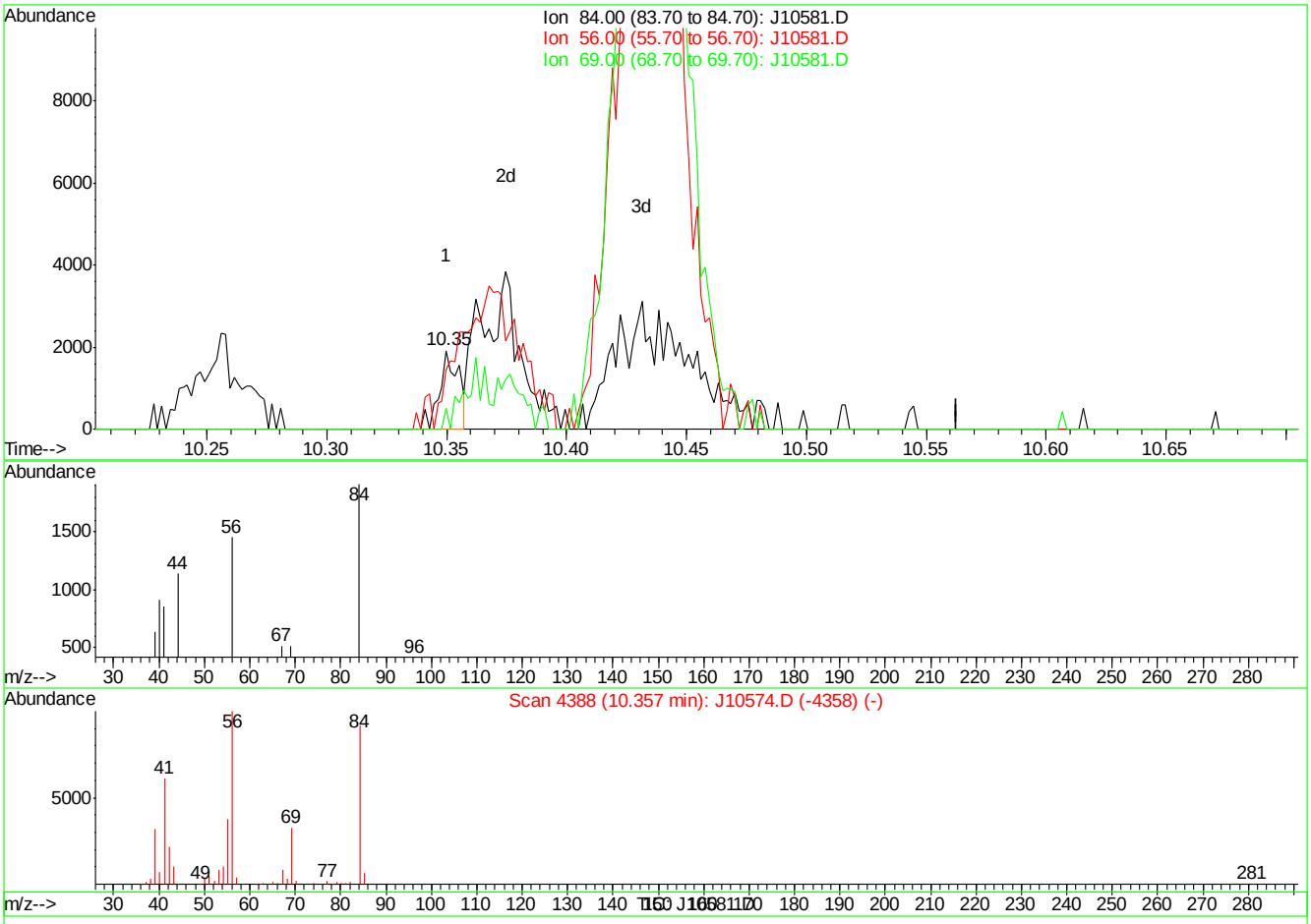
J10581.D J060707T.M Thu Jun 07 11:08:27 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:06:44 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:13:39 2007
Response via : Multiple Level Calibration



(37) CYCLOHEXANE (m)

10.35min 0.03PPBV

response 1054

Ion	Exp%	Act%
84.00	100	100
56.00	107.60	582.54#
69.00	35.30	91.84#
0.00	0.00	0.00

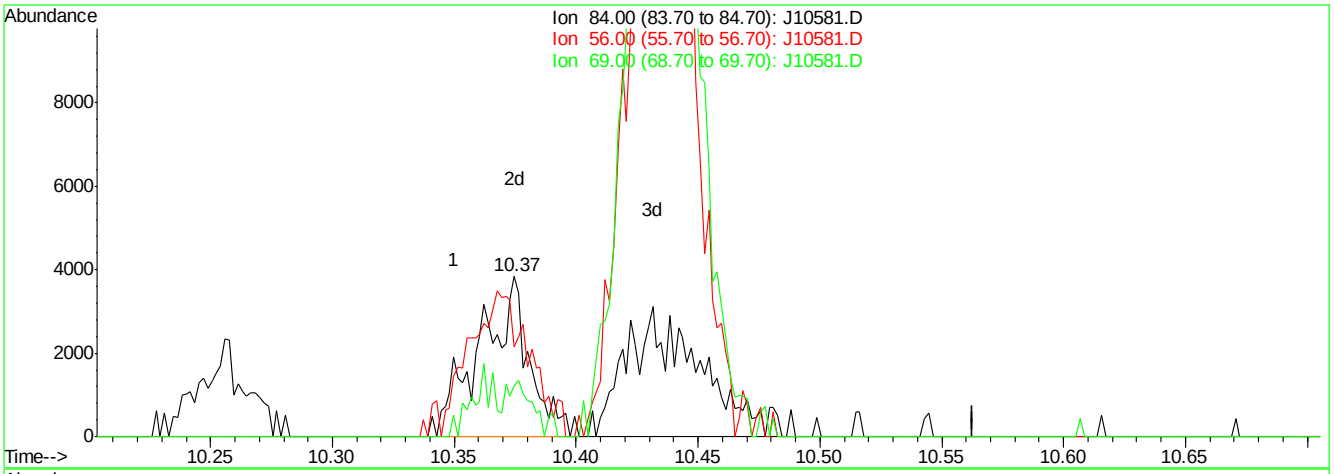
J10581.D J060707T.M Thu Jun 07 11:09:45 2007

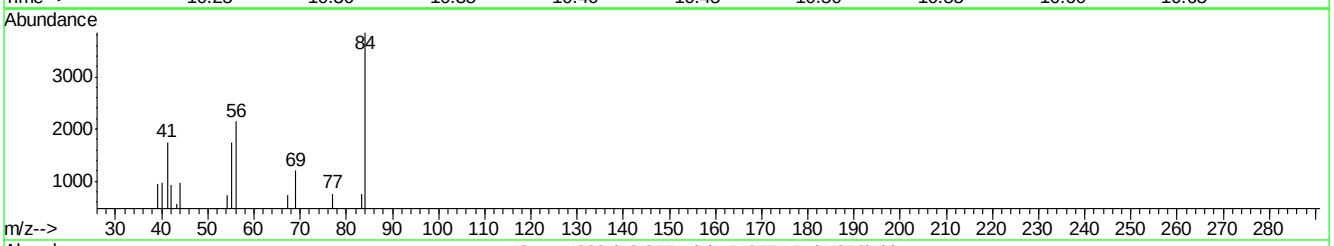
Quantitation Report (Qedit)

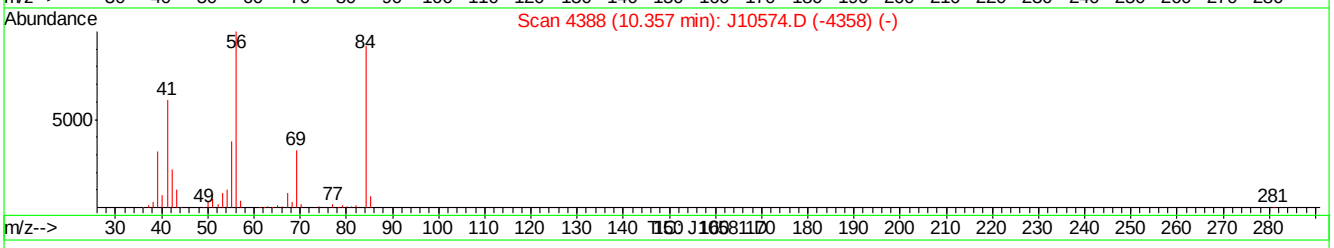
Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:06:44 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:13:39 2007
Response via : Multiple Level Calibration







(37) CYCLOHEXANE (m)

10.37min 0.17PPBV m

response 5355

Ion	Exp%	Act%
84.00	100	100
56.00	107.60	114.66
69.00	35.30	18.08
0.00	0.00	0.00

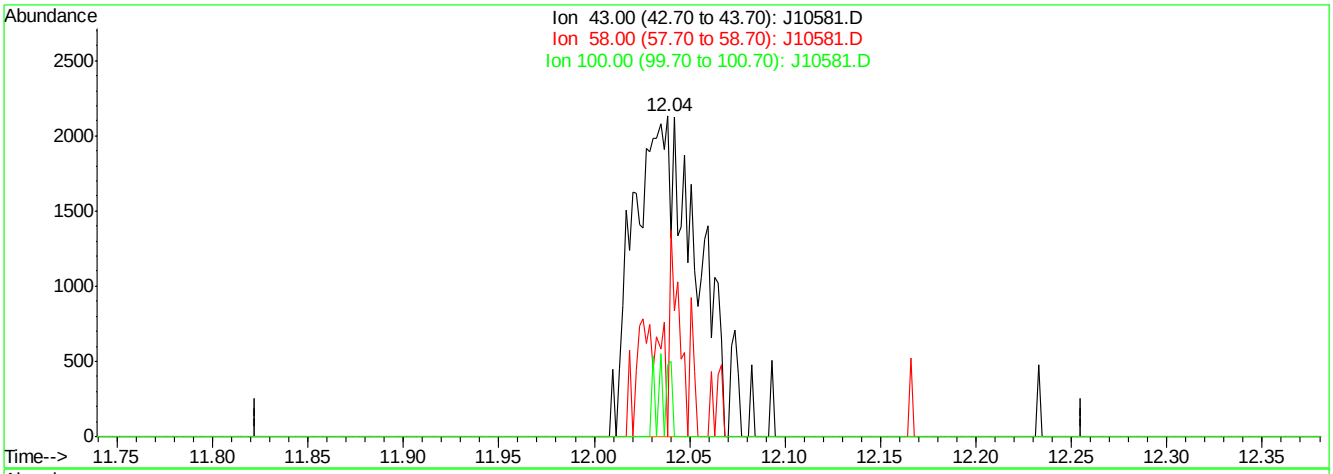
J10581.D J060707T.M Thu Jun 07 11:09:52 2007

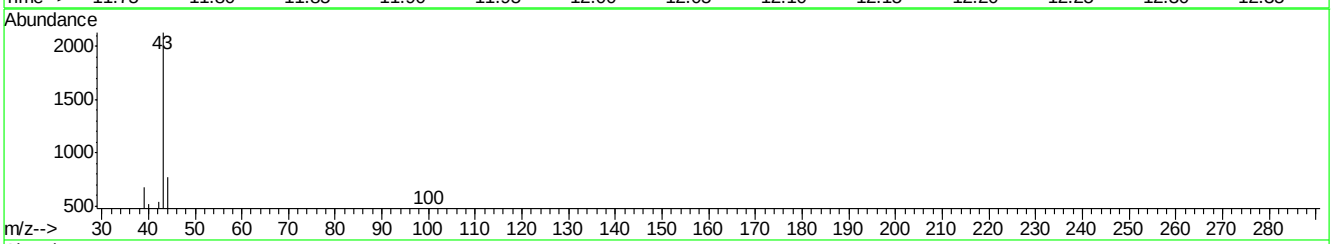
Quantitation Report (Qedit)

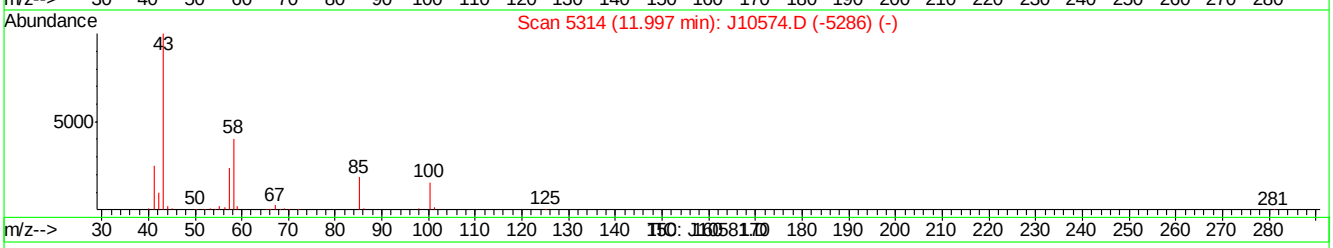
Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:06:44 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:13:39 2007
Response via : Multiple Level Calibration







(44) METHYL ISOBUTYL KETONE (m)

12.04min 0.15PPBV

response 4911

Ion	Exp%	Act%
43.00	100	100
58.00	39.10	12.28#
100.00	14.20	4.48
0.00	0.00	0.00

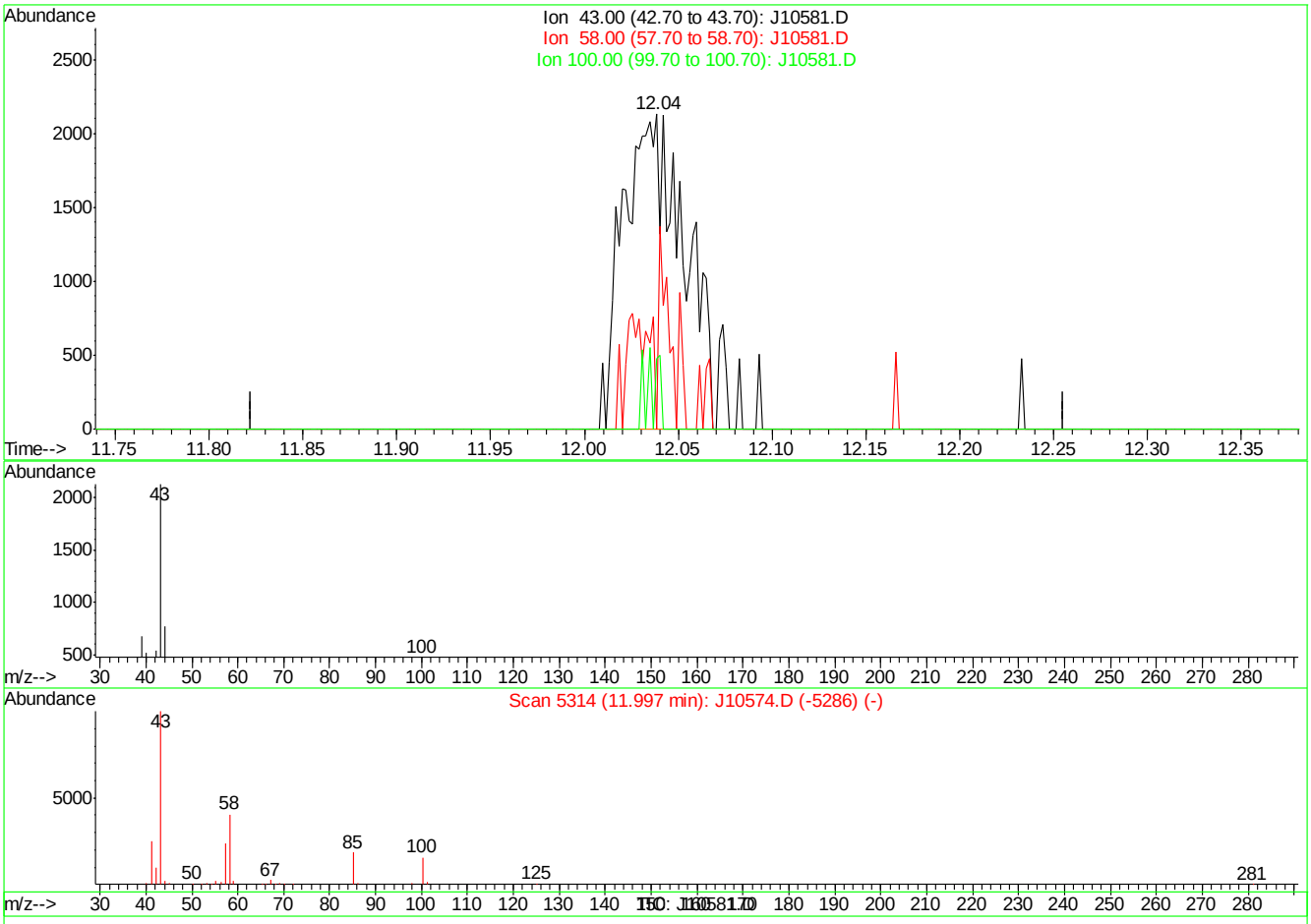
J10581.D J060707T.M Thu Jun 07 11:10:16 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:06:44 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:13:39 2007
Response via : Multiple Level Calibration



(44) METHYL ISOBUTYL KETONE (m)

12.04min 0.14PPBV m

response 4679

Ion	Exp%	Act%
43.00	100	100
58.00	39.10	12.89#
100.00	14.20	4.70
0.00	0.00	0.00

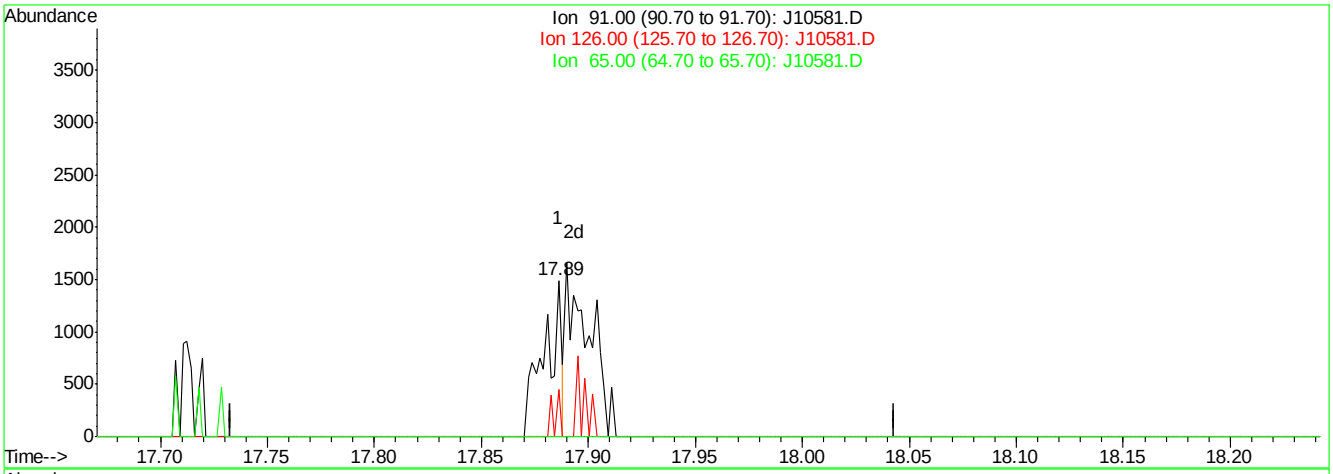
J10581.D J060707T.M Thu Jun 07 11:10:28 2007

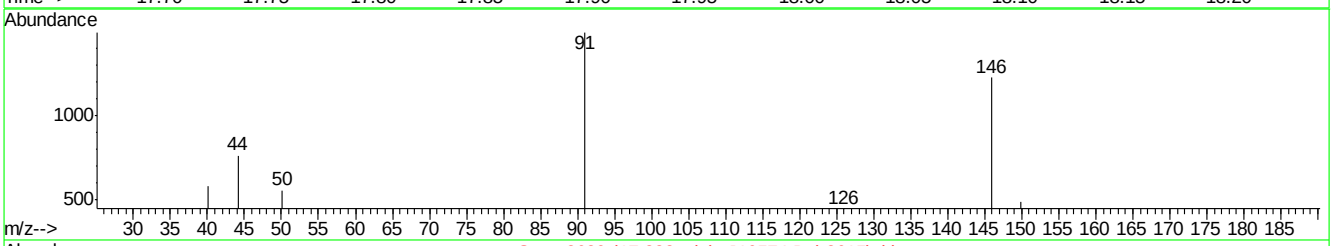
Quantitation Report (Qedit)

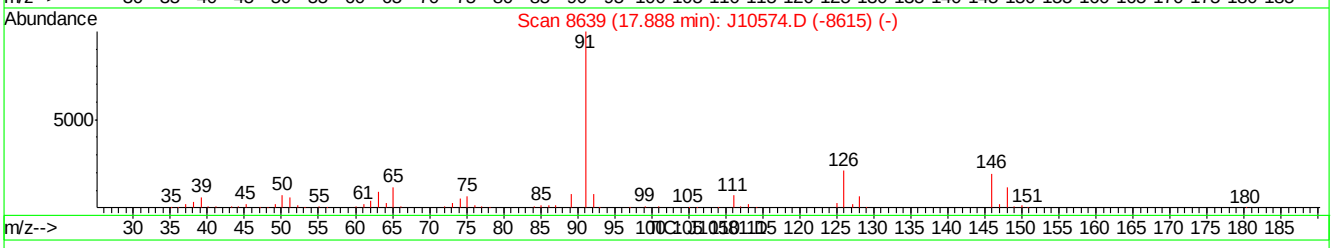
Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:06:44 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:13:39 2007
Response via : Multiple Level Calibration







(69) BENZYL CHLORIDE (m)

17.89min 0.06PPBV

response 823

Ion	Exp%	Act%
91.00	100	100
126.00	20.90	0.00#
65.00	11.30	0.00
0.00	0.00	0.00

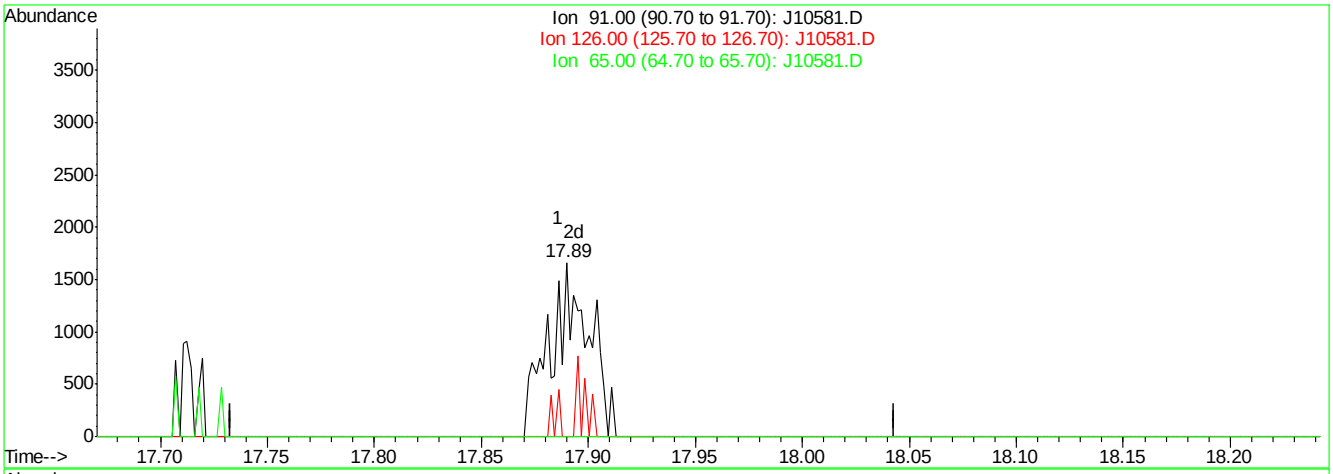
J10581.D J060707T.M Thu Jun 07 11:10:54 2007

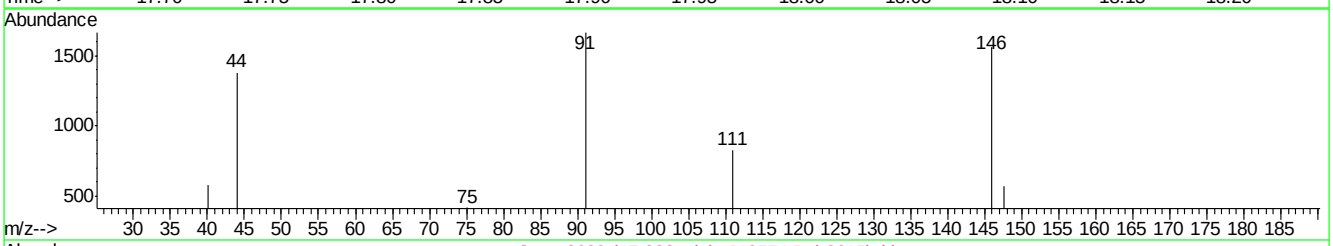
Quantitation Report (Qedit)

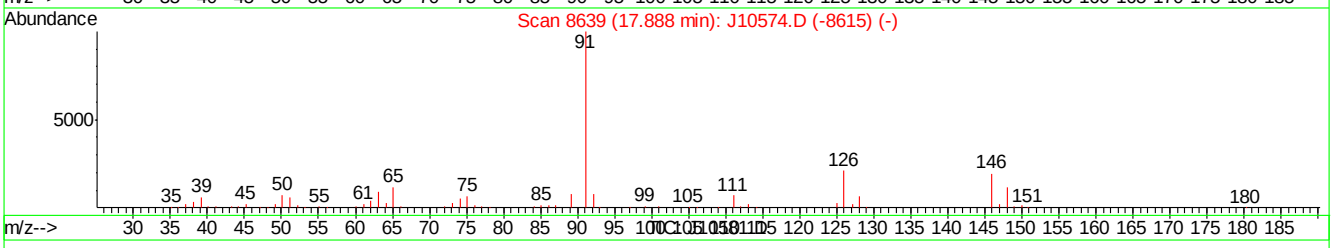
Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:06:44 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:13:39 2007
Response via : Multiple Level Calibration







(69) BENZYL CHLORIDE (m)

17.89min 0.15PPBV m

response 2106

Ion	Exp%	Act%
91.00	100	100
126.00	20.90	0.00#
65.00	11.30	0.00
0.00	0.00	0.00

J10581.D J060707T.M Thu Jun 07 11:10:59 2007

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 06/18/07 11:53

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10582.D
Acq On : 7 Jun 2007 11:22 am
Operator : danat
Sample : ic548-2 (m122)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 07 11:55:44 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 11:11:14 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.61	128	365236	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.43	114	1610084	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.66	117	1440404	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.28	95	432961	5.67	PPBV	-0.01
Spiked Amount 5.000	Range 51 - 142		Recovery = 113.40%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	260707	2.16	PPBV	100
3) PROPYLENE	4.00	41	42346	1.98	PPBV	96
4) FREON 114	4.32	85	241732	2.17	PPBV	98
5) CHLOROMETHANE	4.22	50	62302	2.09	PPBV	93
6) VINYL CHLORIDE	4.45	62	74622	2.31	PPBV	95
7) 1,3-BUTADIENE	4.58	39	51890	2.53	PPBV	91
8) BROMOMETHANE	4.85	94	82860	2.23	PPBV	98
9) CHLOROETHANE	5.02	64	36023	2.63	PPBV	97
10) TRICHLOROFLUOROMETHANE	5.78	101	272284	2.20	PPBV	99
11) ISOPROPYL ALCOHOL	5.95	45	80015	2.24	PPBV	79
12) ACETONE	5.66	43	105477	1.87	PPBV	98
13) PENTANE	6.13	42	61581	1.95	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.42	96	74662	2.33	PPBV	96
15) CARBON DISULFIDE	6.84	76	238732	2.13	PPBV	99
16) ETHANOL	5.22	45	13702m	2.14	PPBV	
17) BROMOETHENE	5.38	106	74025	2.33	PPBV	98
18) METHYLENE CHLORIDE	6.54	84	96161	0.95	PPBV	97
19) 3-CHLOROPROPENE	6.65	39	51645	2.39	PPBV	96
20) FREON 113	6.78	151	173284	2.19	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.45	96	73942	2.38	PPBV	98
22) TERTIARY BUTYL ALCOHOL	6.55	59	99468	3.63	PPBV	86
23) METHYL TERTIARY BUTYL ETHE	7.73	73	147380	2.61	PPBV	99
24) TETRAHYDROFURAN	9.19	42	46085	2.69	PPBV	97
25) HEXANE	8.62	57	86914	1.22	PPBV	95
26) VINYL ACETATE	7.79	43	80315	2.09	PPBV	93
27) 1,1-DICHLOROETHANE	7.65	63	133555	2.49	PPBV	100
28) METHYL ETHYL KETONE	8.07	43	93726	2.83	PPBV	95
29) cis-1,2-DICHLOROETHYLENE	8.45	96	73420	2.45	PPBV	99
30) ETHYL ACETATE	8.68	43	97857	2.76	PPBV #	96
31) CHLOROFORM	8.73	83	184824	2.29	PPBV	100
32) 1,1,1-TRICHLOROETHANE	9.67	97	207432	2.54	PPBV	99
33) CARBON TETRACHLORIDE	10.25	117	227560	2.44	PPBV	100
34) 1,2-DICHLOROETHANE	9.43	62	99121	2.54	PPBV	99
36) BENZENE	10.11	78	188505	2.77	PPBV	99
37) CYCLOHEXANE	10.36	84	80817	2.84	PPBV	100
38) TRICHLOROETHYLENE	11.10	95	97192	2.56	PPBV	99
39) 1,2-DICHLOROPROPANE	10.89	63	66058	2.77	PPBV	99
40) BROMODICHLOROMETHANE	11.08	83	169799	2.68	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.11	57	298152	3.17	PPBV	99
42) 1,4-DIOXANE	11.19	88	22957	4.39	PPBV	82
43) HEPTANE	11.35	43	95493	3.05	PPBV	96

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10582.D
Acq On : 7 Jun 2007 11:22 am
Operator : danat
Sample : ic548-2 (m122)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 07 11:55:44 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 11:11:14 2007
Response via : Initial Calibration

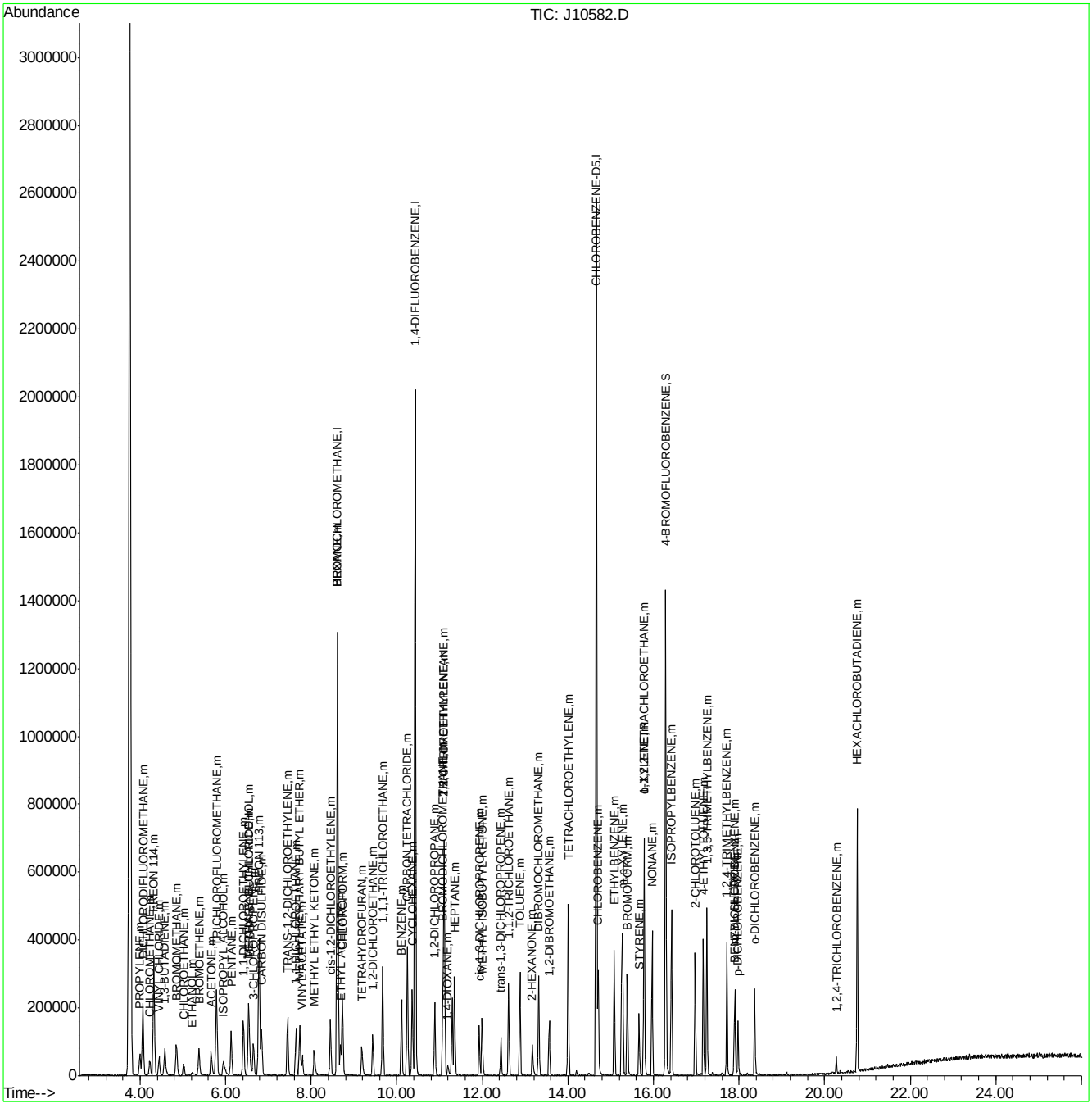
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.99	43	113090	4.02	PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.93	75	75255	3.33	PPBV	99
46) TOLUENE	12.88	92	117321	3.06	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.43	75	57249	3.42	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.61	83	68617	2.88	PPBV	98
50) 2-HEXANONE	13.17	43	69370	4.50	PPBV	95
51) TETRACHLOROETHYLENE	14.01	164	110465	2.42	PPBV	99
52) DIBROMOCHLOROMETHANE	13.32	129	158914	2.66	PPBV	98
53) 1,2-DIBROMOETHANE	13.57	107	100682	2.74	PPBV	97
54) CHLOROBENZENE	14.71	112	161472	2.62	PPBV	99
55) ETHYLBENZENE	15.09	91	239276	3.60	PPBV	99
56) m,p-XYLENE	15.27	106	195474	8.09	PPBV	92
57) o-XYLENE	15.78	106	100505	4.02	PPBV	97
58) STYRENE	15.66	104	81441	4.20	PPBV	99
59) NONANE	15.97	43	123957	4.61	PPBV	98
60) BROMOFORM	15.39	173	145409	2.94	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.78	83	168019	3.14	PPBV	100
63) ISOPROPYLBENZENE	16.42	105	302380	4.14	PPBV	99
64) 2-CHLOROTOLUENE	16.98	91	184489	3.75	PPBV	99
65) 4-ETHYLTOLUENE	17.16	105	210090	4.50	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	240588	4.91	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.71	105	184024	4.51	PPBV	99
68) m-DICHLOROBENZENE	17.90	146	94319	3.22	PPBV	100
69) BENZYL CHLORIDE	17.88	91	41500	3.12	PPBV	96
70) p-DICHLOROBENZENE	17.97	146	69504	2.94	PPBV	99
71) o-DICHLOROBENZENE	18.37	146	97628	3.00	PPBV	96
72) HEXACHLOROBUTADIENE	20.76	225	130536	2.41	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.28	180	14087	1.93	PPBV	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10582.D
Acq On : 7 Jun 2007 11:22 am
Operator : danat
Sample : ic548-2 (m122)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 07 11:55:44 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 11:11:14 2007
Response via : Initial Calibration

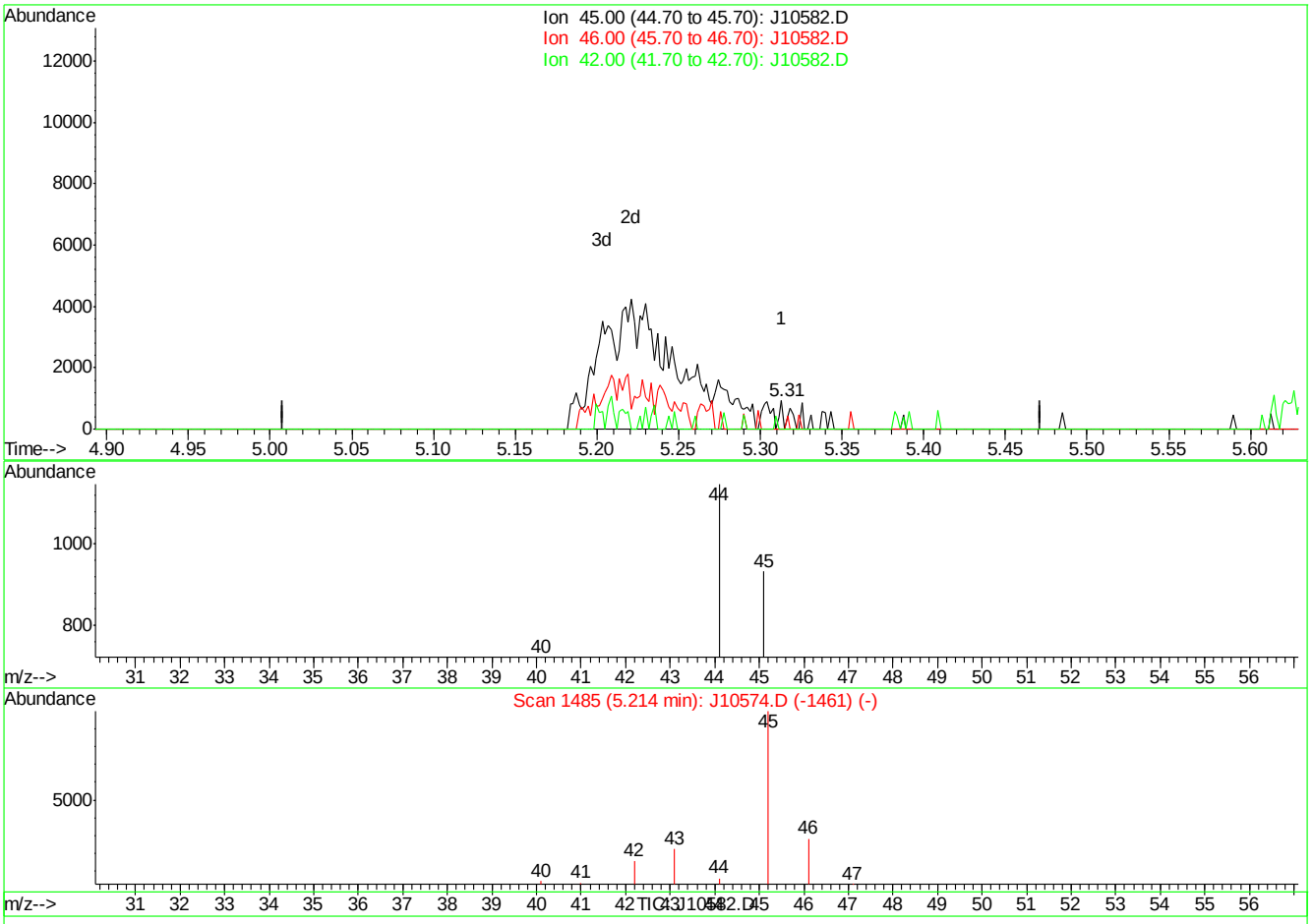


Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10582.D Vial: 1
Acq On : 7 Jun 2007 11:22 am Operator: danat
Sample : ic548-2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:54:12 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 11:54:37 2007
Response via : Multiple Level Calibration



(16) ETHANOL (m)

5.31min 0.06PPBV

response 404

Ion	Exp%	Act%
45.00	100	100
46.00	30.00	23.27
42.00	6.30	11.14
0.00	0.00	0.00

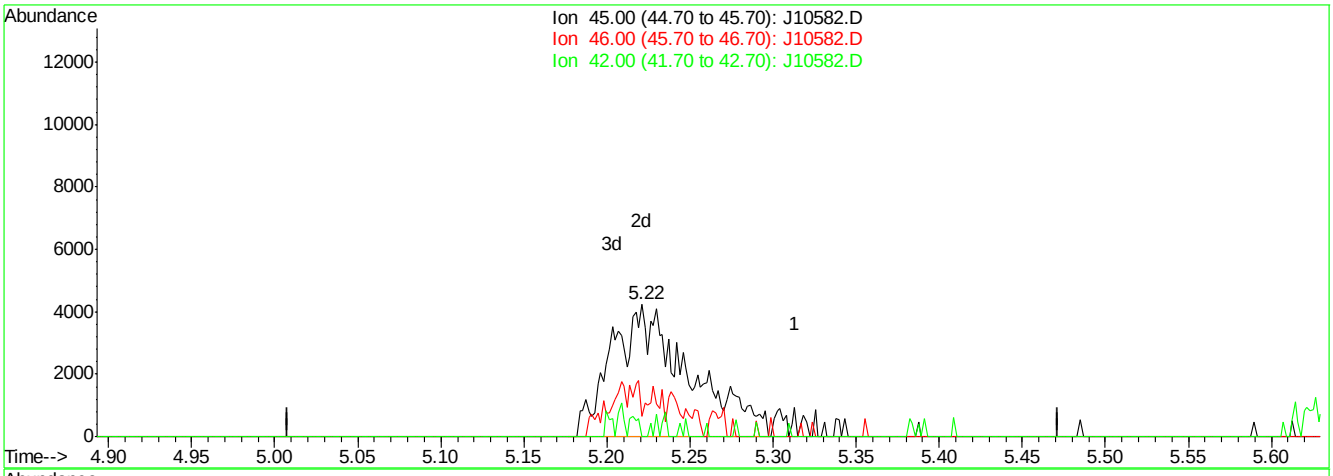
J10582.D J060707T.M Thu Jun 07 11:55:01 2007

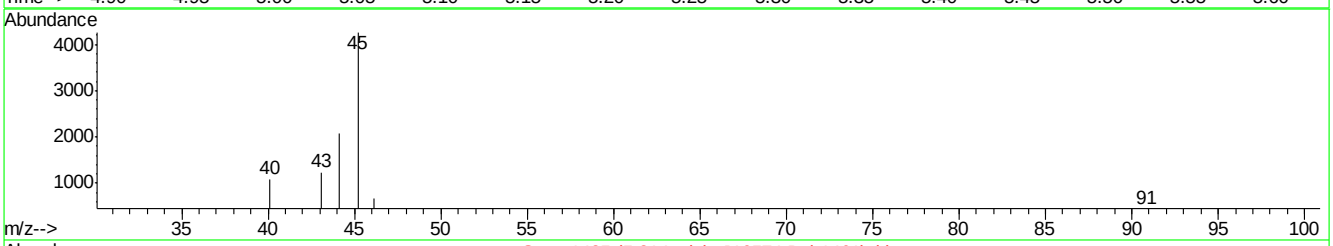
Quantitation Report (Qedit)

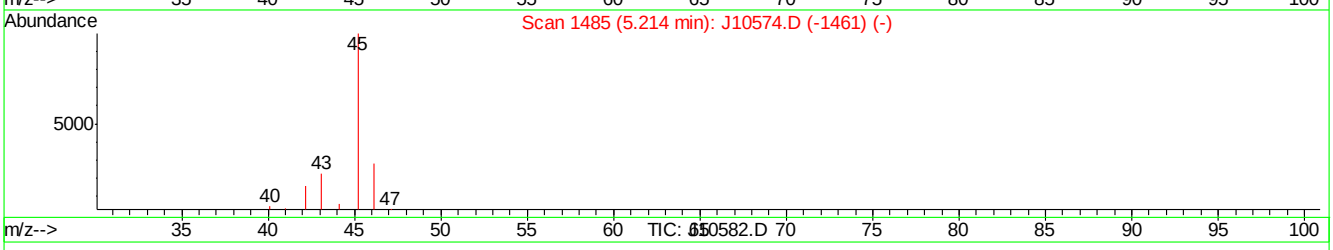
Data File : C:\MSDChem\1\data\J10582.D Vial: 1
Acq On : 7 Jun 2007 11:22 am Operator: danat
Sample : ic548-2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:54:12 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 11:54:37 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.22min 2.14PPBV m

response 13702

Ion	Exp%	Act%
45.00	100	100
46.00	30.00	0.69#
42.00	6.30	0.33
0.00	0.00	0.00

J10582.D J060707T.M Thu Jun 07 11:55:07 2007

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10583.D
Acq On : 7 Jun 2007 12:16 pm
Operator : danat
Sample : ic548-5 (m109)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 13:36:11 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 11:55:59 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.60	128	382768	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.43	114	1702002	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1469534	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.29	95	432772	5.32	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 106.40%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	574861	4.43	PPBV	99
3) PROPYLENE	4.00	41	95473	4.27	PPBV	86
4) FREON 114	4.31	85	527468	4.39	PPBV	99
5) CHLOROMETHANE	4.22	50	138866	4.38	PPBV	100
6) VINYL CHLORIDE	4.44	62	160860	4.51	PPBV	100
7) 1,3-BUTADIENE	4.57	39	114982	4.91	PPBV	98
8) BROMOMETHANE	4.85	94	187462	4.64	PPBV	99
9) CHLOROETHANE	5.01	64	75837	4.78	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.78	101	586158	4.37	PPBV	100
11) ISOPROPYL ALCOHOL	5.93	45	170699	4.38	PPBV	88
12) ACETONE	5.65	43	185483	3.20	PPBV	98
13) PENTANE	6.12	42	139627	4.26	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.41	96	171035	4.82	PPBV	96
15) CARBON DISULFIDE	6.83	76	514549	4.29	PPBV	99
16) ETHANOL	5.20	45	29743	4.29	PPBV	94
17) BROMOETHENE	5.37	106	172775	4.92	PPBV	98
18) METHYLENE CHLORIDE	6.53	84	173474	1.98	PPBV	97
19) 3-CHLOROPROPENE	6.64	39	107493	4.46	PPBV	92
20) FREON 113	6.77	151	371412	4.34	PPBV	100
21) TRANS-1,2-DICHLOROETHYLENE	7.44	96	161098	4.66	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.53	59	228143	6.25	PPBV	93
23) METHYL TERTIARY BUTYL ETHE	7.72	73	323807	4.96	PPBV	100
24) TETRAHYDROFURAN	9.17	42	99605	4.73	PPBV	98
25) HEXANE	8.61	57	182043	2.80	PPBV	97
26) VINYL ACETATE	7.78	43	185035	4.49	PPBV	96
27) 1,1-DICHLOROETHANE	7.63	63	266094	4.38	PPBV	100
28) METHYL ETHYL KETONE	8.06	43	185377	4.69	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.44	96	150202	4.45	PPBV	99
30) ETHYL ACETATE	8.68	43	197243	4.72	PPBV #	86
31) CHLOROFORM	8.73	83	372646	4.21	PPBV	100
32) 1,1,1-TRICHLOROETHANE	9.67	97	400463	4.30	PPBV	100
33) CARBON TETRACHLORIDE	10.24	117	503654	4.80	PPBV	100
34) 1,2-DICHLOROETHANE	9.43	62	204505	4.59	PPBV	99
36) BENZENE	10.11	78	368280	4.54	PPBV	99
37) CYCLOHEXANE	10.36	84	190950	5.57	PPBV	100
38) TRICHLOROETHYLENE	11.10	95	204757	4.67	PPBV	98
39) 1,2-DICHLOROPROPANE	10.88	63	127912	4.50	PPBV	99
40) BROMODICHLOROMETHANE	11.07	83	344565	4.62	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.11	57	603884	5.08	PPBV	99
42) 1,4-DIOXANE	11.17	88	59612	6.75	PPBV	91
43) HEPTANE	11.35	43	192835	4.96	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10583.D
Acq On : 7 Jun 2007 12:16 pm
Operator : danat
Sample : ic548-5 (m109)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 13:36:11 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 11:55:59 2007
Response via : Initial Calibration

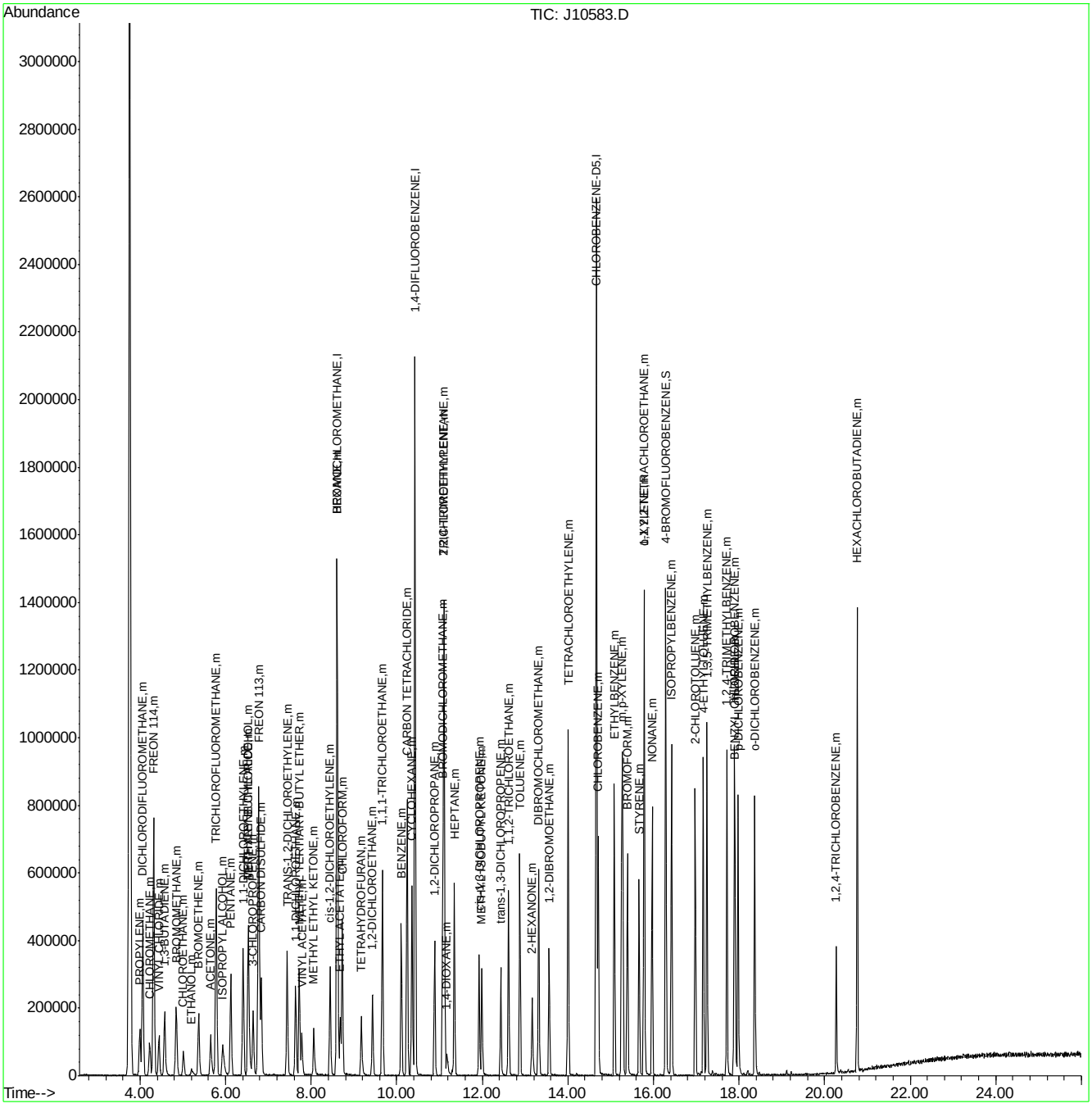
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.98	43	218338	5.49	PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.92	75	175907	6.03	PPBV	98
46) TOLUENE	12.88	92	255104	5.35	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.43	75	157847	7.21	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.61	83	138927	4.81	PPBV	99
50) 2-HEXANONE	13.16	43	174185	7.82	PPBV	97
51) TETRACHLOROETHYLENE	14.00	164	228679	4.58	PPBV	100
52) DIBROMOCHLOROMETHANE	13.32	129	333799	4.93	PPBV	100
53) 1,2-DIBROMOETHANE	13.56	107	239874	5.69	PPBV	100
54) CHLOROBENZENE	14.71	112	368404	5.31	PPBV	99
55) ETHYLBENZENE	15.08	91	566322	6.60	PPBV	100
56) m,p-XYLENE	15.26	106	452487	13.69	PPBV	94
57) o-XYLENE	15.78	106	230301	6.76	PPBV	98
58) STYRENE	15.66	104	266259	9.85	PPBV	99
59) NONANE	15.97	43	252411	6.41	PPBV	97
60) BROMOFORM	15.39	173	322596	5.53	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.78	83	335693	5.17	PPBV	99
63) ISOPROPYLBENZENE	16.42	105	647729	6.40	PPBV	99
64) 2-CHLOROTOLUENE	16.97	91	434688	6.71	PPBV	99
65) 4-ETHYLTOLUENE	17.17	105	541394	8.03	PPBV #	49
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	526828	7.09	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	468875	7.94	PPBV	99
68) m-DICHLOROBENZENE	17.90	146	358645	9.97	PPBV	99
69) BENZYL CHLORIDE	17.88	91	261110	16.20	PPBV	99
70) p-DICHLOROBENZENE	17.97	146	324420	11.64	PPBV	96
71) o-DICHLOROBENZENE	18.37	146	322389	8.32	PPBV	98
72) HEXACHLOROBUTADIENE	20.76	225	228202	3.86	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.27	180	108282	14.74	PPBV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10583.D
Acq On : 7 Jun 2007 12:16 pm
Operator : danat
Sample : ic548-5 (m109)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 13:36:11 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 11:55:59 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10584.D
Acq On : 7 Jun 2007 2:01 pm
Operator : danat
Sample : icc548-10 (m109)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 14:29:00 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 13:36:34 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	335391	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1562152	10.00	PPBV	0.01
49) CHLOROBENZENE-D5	14.68	117	1446956	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.30	95	462083	5.68	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 113.60%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.08	85	1340777	12.14	PPBV	100
3) PROPYLENE	4.00	41	248996	13.20	PPBV	91
4) FREON 114	4.33	85	1187813	11.65	PPBV	100
5) CHLOROMETHANE	4.24	50	330104	12.27	PPBV	96
6) VINYL CHLORIDE	4.46	62	392314	12.88	PPBV	98
7) 1,3-BUTADIENE	4.59	39	266776	13.07	PPBV	99
8) BROMOMETHANE	4.86	94	423926	12.20	PPBV	99
9) CHLOROETHANE	5.03	64	164725	11.98	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.79	101	1293116	11.37	PPBV	99
11) ISOPROPYL ALCOHOL	5.99	45	470030	14.21	PPBV	94
12) ACETONE	5.66	43	462889	10.02	PPBV	99
13) PENTANE	6.13	42	304985	11.03	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.42	96	399051	12.96	PPBV	98
15) CARBON DISULFIDE	6.84	76	1170771	11.54	PPBV	99
16) ETHANOL	5.24	45	85682	14.80	PPBV	84
17) BROMOETHENE	5.39	106	409451	13.36	PPBV	99
18) METHYLENE CHLORIDE	6.54	84	360689	5.53	PPBV	99
19) 3-CHLOROPROPENE	6.66	39	250101	12.16	PPBV	98
20) FREON 113	6.79	151	806897	11.12	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.45	96	369889	12.42	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.58	59	630825	18.56	PPBV	96
23) METHYL TERTIARY BUTYL ETHE	7.73	73	898098	15.74	PPBV	100
24) TETRAHYDROFURAN	9.18	42	282078	15.58	PPBV	98
25) HEXANE	8.63	57	404600	7.97	PPBV	98
26) VINYL ACETATE	7.80	43	550071	15.78	PPBV	99
27) 1,1-DICHLOROETHANE	7.65	63	609128	11.81	PPBV	100
28) METHYL ETHYL KETONE	8.08	43	498942	14.64	PPBV	99
29) cis-1,2-DICHLOROETHYLENE	8.46	96	367159	12.77	PPBV	100
30) ETHYL ACETATE	8.70	43	549745	15.22	PPBV	100
31) CHLOROFORM	8.74	83	860299	11.54	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.68	97	924831	11.74	PPBV	100
33) CARBON TETRACHLORIDE	10.25	117	1146531	12.60	PPBV	100
34) 1,2-DICHLOROETHANE	9.45	62	530993	13.88	PPBV	99
36) BENZENE	10.12	78	968590	13.31	PPBV	99
37) CYCLOHEXANE	10.37	84	445342	13.76	PPBV	99
38) TRICHLOROETHYLENE	11.12	95	519715	13.13	PPBV	98
39) 1,2-DICHLOROPROPANE	10.90	63	340450	13.37	PPBV	99
40) BROMODICHLOROMETHANE	11.09	83	884277	13.16	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	1411975	12.89	PPBV	100
42) 1,4-DIOXANE	11.19	88	177880	19.65	PPBV	97
43) HEPTANE	11.36	43	485962	13.64	PPBV	100

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10584.D
Acq On : 7 Jun 2007 2:01 pm
Operator : danat
Sample : icc548-10 (m109)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 14:29:00 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 13:36:34 2007
Response via : Initial Calibration

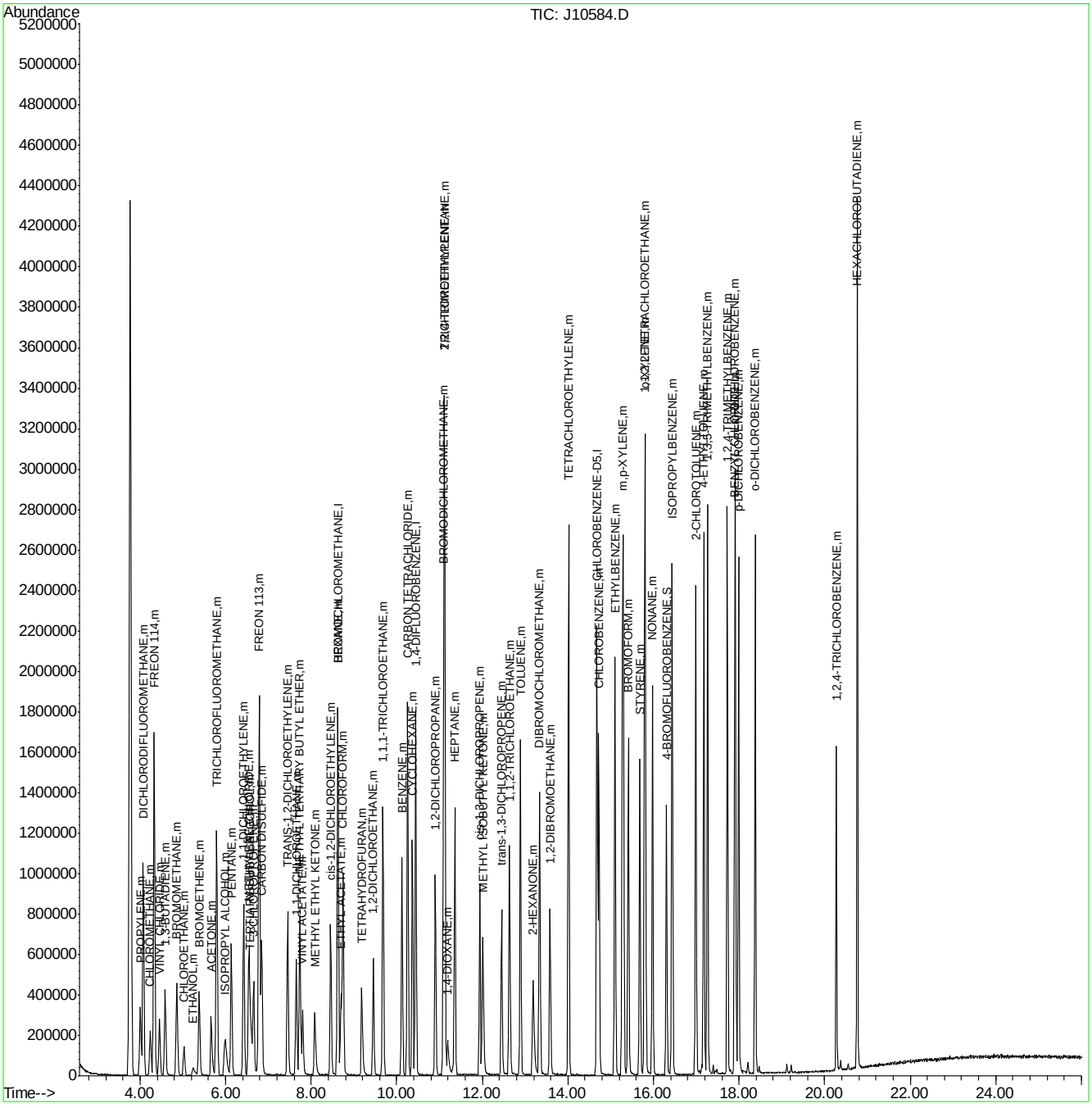
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	596743	15.96	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.94	75	535244	19.01	PPBV	99
46) TOLUENE	12.89	92	744598	16.73	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	510703	22.89	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.63	83	370056	14.10	PPBV	99
50) 2-HEXANONE	13.18	43	516135	20.62	PPBV	100
51) TETRACHLOROETHYLENE	14.02	164	646296	13.44	PPBV	99
52) DIBROMOCHLOROMETHANE	13.34	129	940184	14.16	PPBV	100
53) 1,2-DIBROMOETHANE	13.58	107	696290	16.23	PPBV	100
54) CHLOROBENZENE	14.72	112	1059744	15.27	PPBV	99
55) ETHYLBENZENE	15.10	91	1663004	18.22	PPBV	99
56) m,p-XYLENE	15.29	106	1331628	37.47	PPBV	94
57) o-XYLENE	15.79	106	683802	18.73	PPBV	100
58) STYRENE	15.68	104	888887	26.88	PPBV	99
59) NONANE	15.98	43	705273	17.00	PPBV	99
60) BROMOFORM	15.41	173	977549	16.58	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.81	83	926173	14.36	PPBV	100
63) ISOPROPYLBENZENE	16.44	105	1951452	18.31	PPBV	100
64) 2-CHLOROTOLUENE	16.99	91	1396454	20.16	PPBV	100
65) 4-ETHYLTOLUENE	17.18	105	1749104	22.87	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1607024	19.90	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	1522469	22.84	PPBV	100
68) m-DICHLOROBENZENE	17.91	146	1124834	25.43	PPBV	100
69) BENZYL CHLORIDE	17.89	91	954768	38.57	PPBV	99
70) p-DICHLOROBENZENE	17.99	146	1072539	29.33	PPBV	100
71) o-DICHLOROBENZENE	18.38	146	1066731	23.97	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	746113	13.60	PPBV	100
73) 1,2,4-TRICHLOROBENZENE	20.27	180	450556	41.88	PPBV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10584.D
Acq On : 7 Jun 2007 2:01 pm
Operator : danat
Sample : icc548-10 (m109)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 14:29:00 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 13:36:34 2007
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 06/18/07 11:53

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10585.D
Acq On : 7 Jun 2007 2:55 pm
Operator : danat
Sample : ic548-20 (m109)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 15:59:11 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 14:29:16 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	371158	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.45	114	1632139	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.68	117	1523938	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.31	95	517501	5.88	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 117.60%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	2654998	20.84	PPBV	99
3) PROPYLENE	4.00	41	461436	20.78	PPBV	96
4) FREON 114	4.33	85	2461957	21.12	PPBV	98
5) CHLOROMETHANE	4.23	50	623255	20.02	PPBV	98
6) VINYL CHLORIDE	4.45	62	772314	21.66	PPBV	98
7) 1,3-BUTADIENE	4.58	39	540784	22.55	PPBV	97
8) BROMOMETHANE	4.85	94	898319	22.37	PPBV	99
9) CHLOROETHANE	5.02	64	379272	23.98	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.78	101	2773086	21.44	PPBV	100
11) ISOPROPYL ALCOHOL	6.01	45	944953m	23.81	PPBV	
12) ACETONE	5.65	43	917269	17.94	PPBV	100
13) PENTANE	6.12	42	617842	19.78	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.41	96	898984	24.91	PPBV	97
15) CARBON DISULFIDE	6.84	76	2419607	20.91	PPBV	99
16) ETHANOL	5.23	45	171611	23.91	PPBV	74
17) BROMOETHENE	5.38	106	913157	25.23	PPBV	99
18) METHYLENE CHLORIDE	6.54	84	833344	12.68	PPBV	97
19) 3-CHLOROPROPENE	6.65	39	692698	29.18	PPBV	90
20) FREON 113	6.78	151	1858262	22.64	PPBV	97
21) TRANS-1,2-DICHLOROETHYLENE	7.44	96	871227	25.21	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.60	59	1301937m	29.56	PPBV	
23) METHYL TERTIARY BUTYL ETHE	7.73	73	1848932	26.27	PPBV	99
24) TETRAHYDROFURAN	9.17	42	588515	25.77	PPBV	98
25) HEXANE	8.62	57	913450	16.95	PPBV	96
26) VINYL ACETATE	7.80	43	1171929	26.54	PPBV	98
27) 1,1-DICHLOROETHANE	7.65	63	1381252	23.35	PPBV	100
28) METHYL ETHYL KETONE	8.08	43	1040611	25.24	PPBV	98
29) cis-1,2-DICHLOROETHYLENE	8.45	96	839104	24.98	PPBV	99
30) ETHYL ACETATE	8.70	43	1155258	26.17	PPBV	100
31) CHLOROFORM	8.75	83	1854338	21.81	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.68	97	2134366	23.65	PPBV	99
33) CARBON TETRACHLORIDE	10.25	117	2542454	24.00	PPBV	99
34) 1,2-DICHLOROETHANE	9.46	62	1079562	23.67	PPBV	100
36) BENZENE	10.12	78	2099939	25.91	PPBV	100
37) CYCLOHEXANE	10.36	84	999766	27.50	PPBV	98
38) TRICHLOROETHYLENE	11.12	95	1051564	23.94	PPBV	98
39) 1,2-DICHLOROPROPANE	10.90	63	691249	24.35	PPBV	100
40) BROMODICHLOROMETHANE	11.10	83	1791169	24.00	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	3118326	25.76	PPBV	99
42) 1,4-DIOXANE	11.18	88	399502	34.03	PPBV	94
43) HEPTANE	11.36	43	1000352	25.05	PPBV	97

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10585.D
Acq On : 7 Jun 2007 2:55 pm
Operator : danat
Sample : ic548-20 (m109)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 15:59:11 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 14:29:16 2007
Response via : Initial Calibration

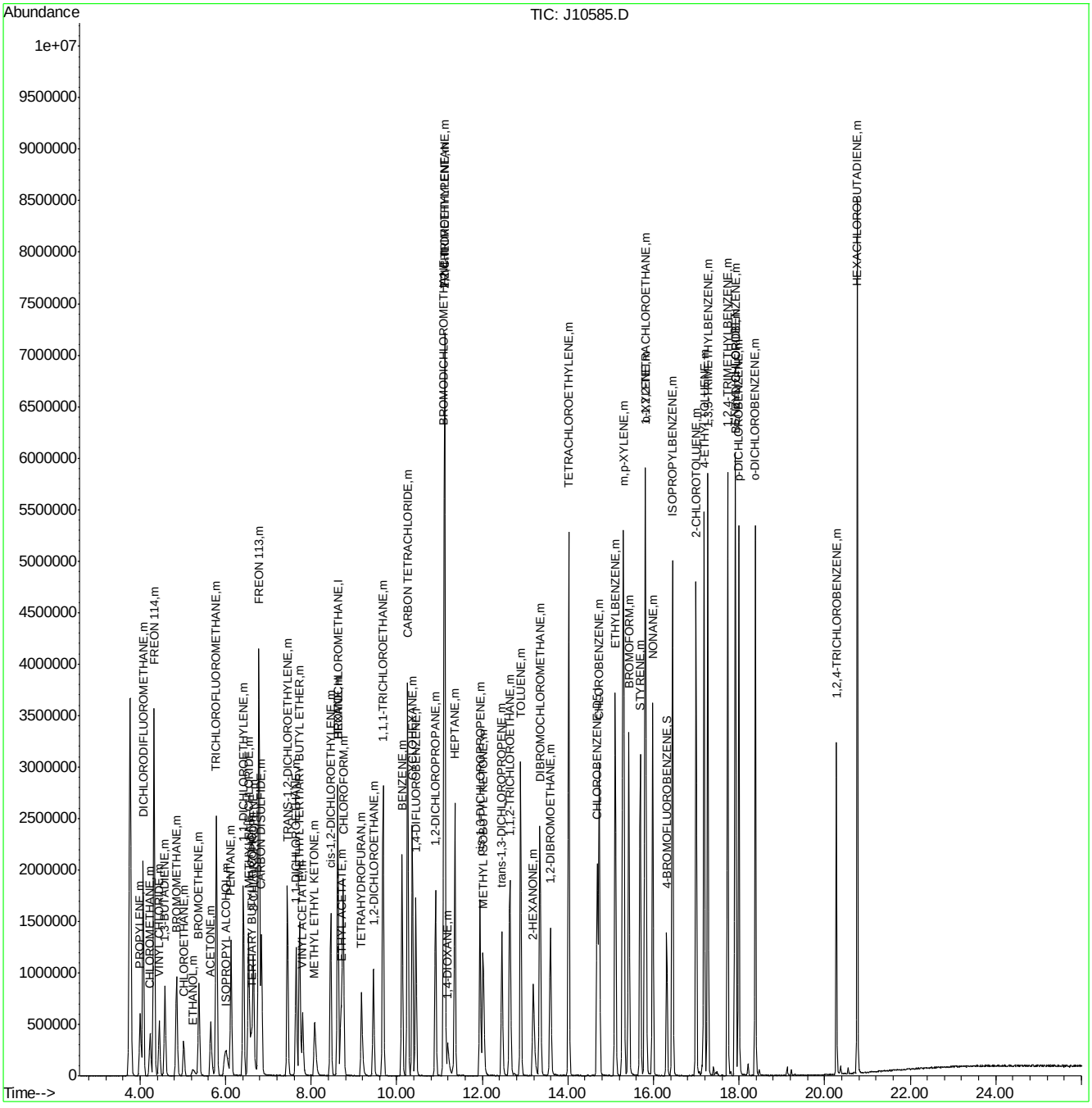
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.02	43	1266551	28.97	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.94	75	1109246	31.95	PPBV	99
46) TOLUENE	12.90	92	1527632	28.95	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.46	75	1085322	37.01	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.64	83	748631	25.23	PPBV	100
50) 2-HEXANONE	13.19	43	1079218	33.77	PPBV	98
51) TETRACHLOROETHYLENE	14.02	164	1351499	24.96	PPBV	100
52) DIBROMOCHLOROMETHANE	13.34	129	1940514	25.62	PPBV	100
53) 1,2-DIBROMOETHANE	13.59	107	1454896	28.63	PPBV	100
54) CHLOROBENZENE	14.73	112	2158961	26.72	PPBV	99
55) ETHYLBENZENE	15.10	91	3430834	30.65	PPBV	100
56) m,p-XYLENE	15.30	106	2777762	63.17	PPBV	98
57) o-XYLENE	15.80	106	1418743	31.41	PPBV	99
58) STYRENE	15.69	104	2016749	43.29	PPBV	100
59) NONANE	15.98	43	1427332	28.66	PPBV	99
60) BROMOFORM	15.42	173	2112670m	30.06	PPBV	
62) 1,1,2,2-TETRACHLOROETHANE	15.82	83	1951246	26.42	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	4108590	31.39	PPBV	99
64) 2-CHLOROTOLUENE	17.00	91	2940168	33.50	PPBV	99
65) 4-ETHYLTOLUENE	17.18	105	3904250	38.55	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.27	105	3523200	34.57	PPBV	100
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	3326863	37.70	PPBV	99
68) m-DICHLOROBENZENE	17.92	146	2404313	39.44	PPBV	100
69) BENZYL CHLORIDE	17.90	91	2000974	48.84	PPBV	99
70) p-DICHLOROBENZENE	17.99	146	2277219	42.65	PPBV	99
71) o-DICHLOROBENZENE	18.38	146	2224278	37.10	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	1457697	23.53	PPBV	100
73) 1,2,4-TRICHLOROBENZENE	20.27	180	897311	48.36	PPBV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10585.D
Acq On : 7 Jun 2007 2:55 pm
Operator : danat
Sample : ic548-20 (m109)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 15:59:11 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 14:29:16 2007
Response via : Initial Calibration

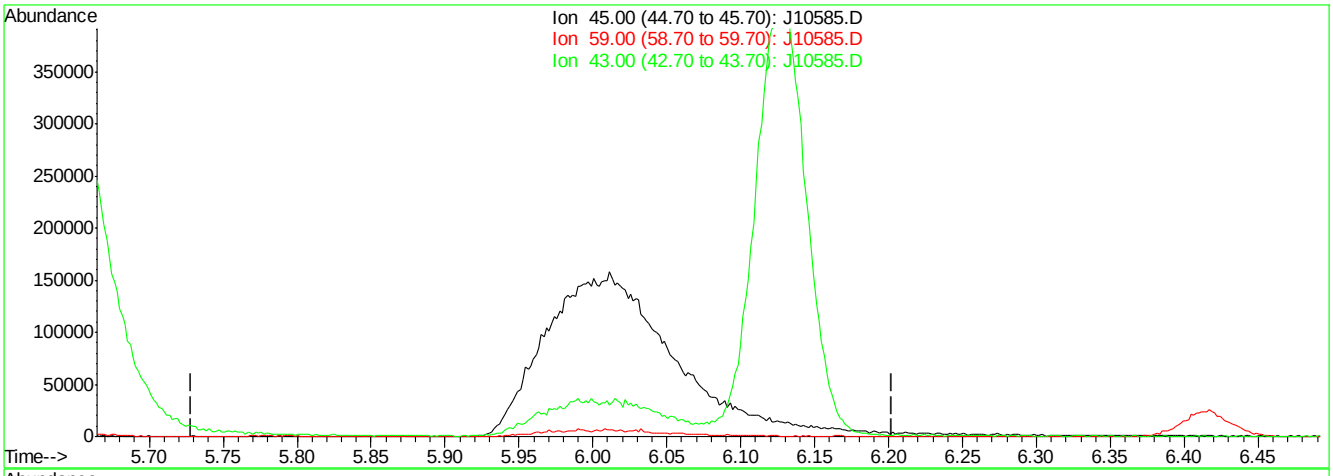


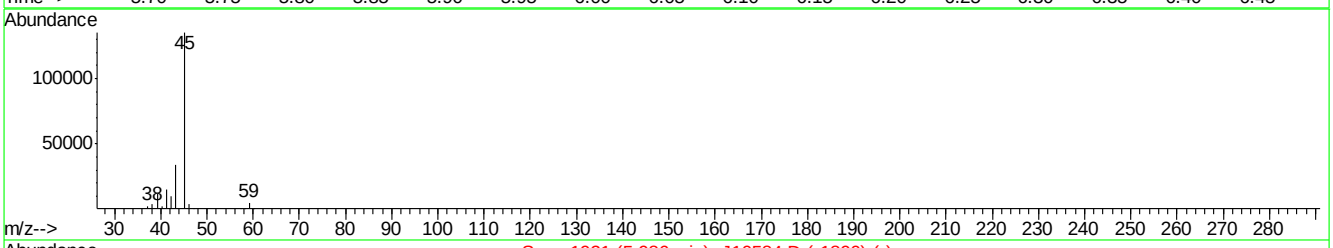
Quantitation Report (Qedit)

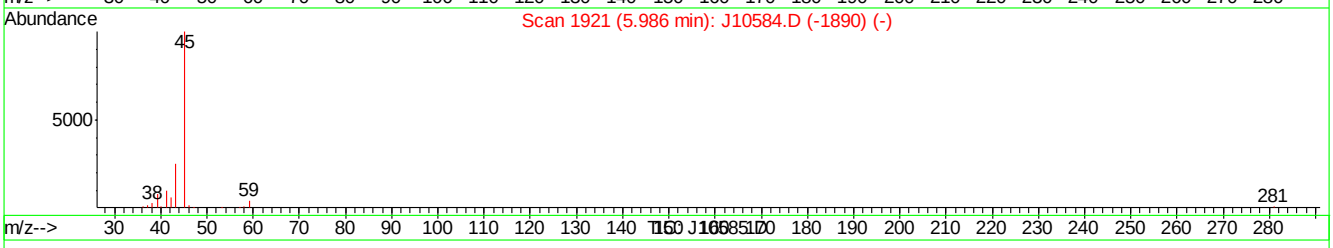
Data File : C:\MSDChem\1\data\J10585.D Vial: 2
Acq On : 7 Jun 2007 2:55 pm Operator: danat
Sample : ic548-20 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 15:57:21 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 14:29:16 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

5.99min 0.00PPBV

response 0

Ion	Exp%	Act%
45.00	100	0.00
59.00	4.00	0.00
43.00	24.90	0.00#
0.00	0.00	0.00

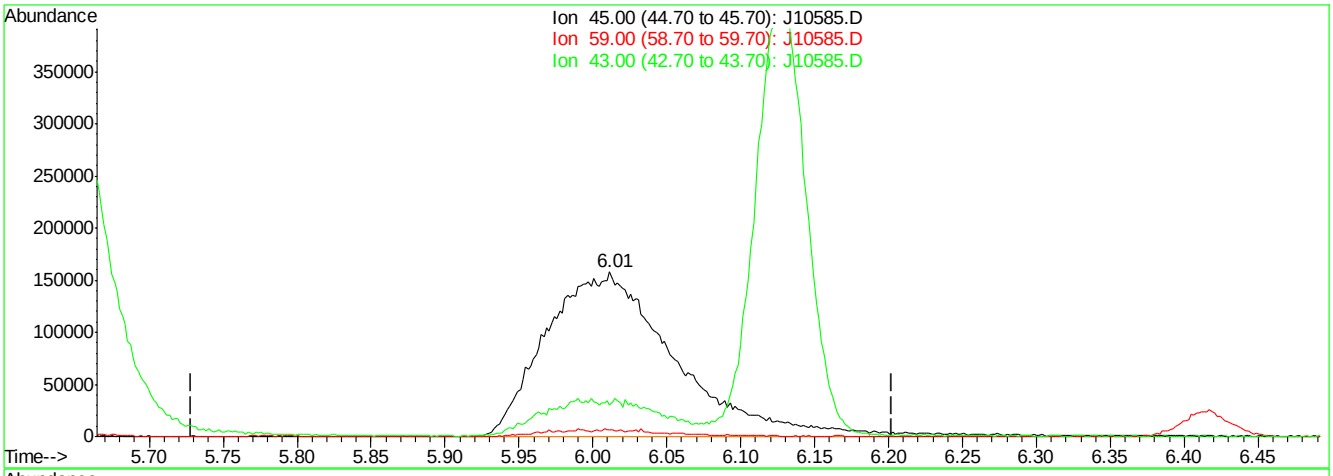
J10585.D J060707T.M Thu Jun 07 15:57:54 2007

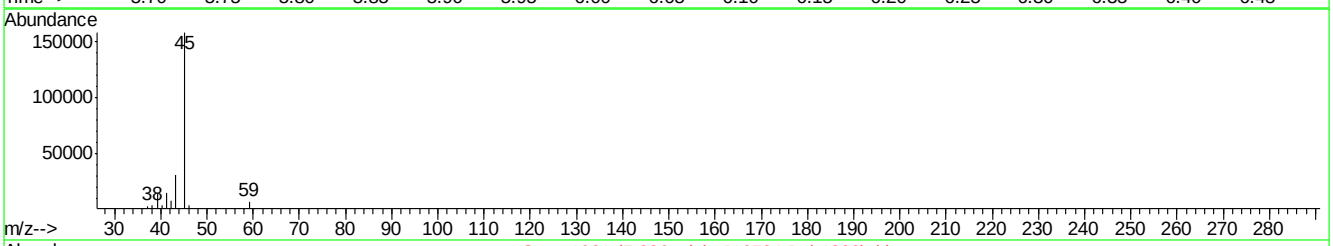
Quantitation Report (Qedit)

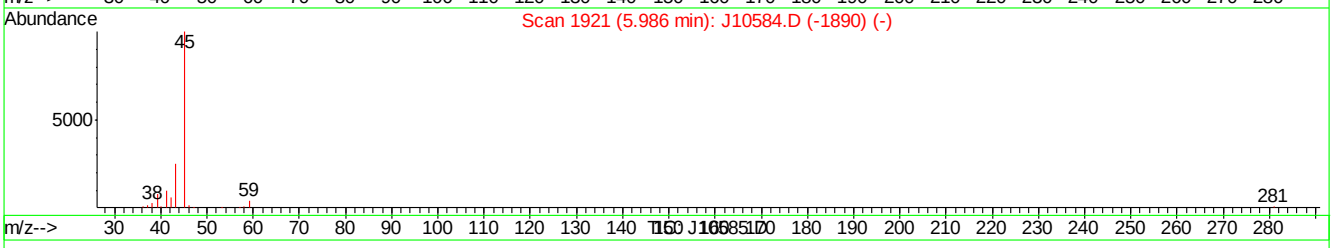
Data File : C:\MSDChem\1\data\J10585.D Vial: 2
Acq On : 7 Jun 2007 2:55 pm Operator: danat
Sample : ic548-20 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 15:57:21 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 14:29:16 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.01min 23.81PPBV m

response 944953

Ion	Exp%	Act%
45.00	100	100
59.00	4.00	4.26
43.00	24.90	19.21
0.00	0.00	0.00

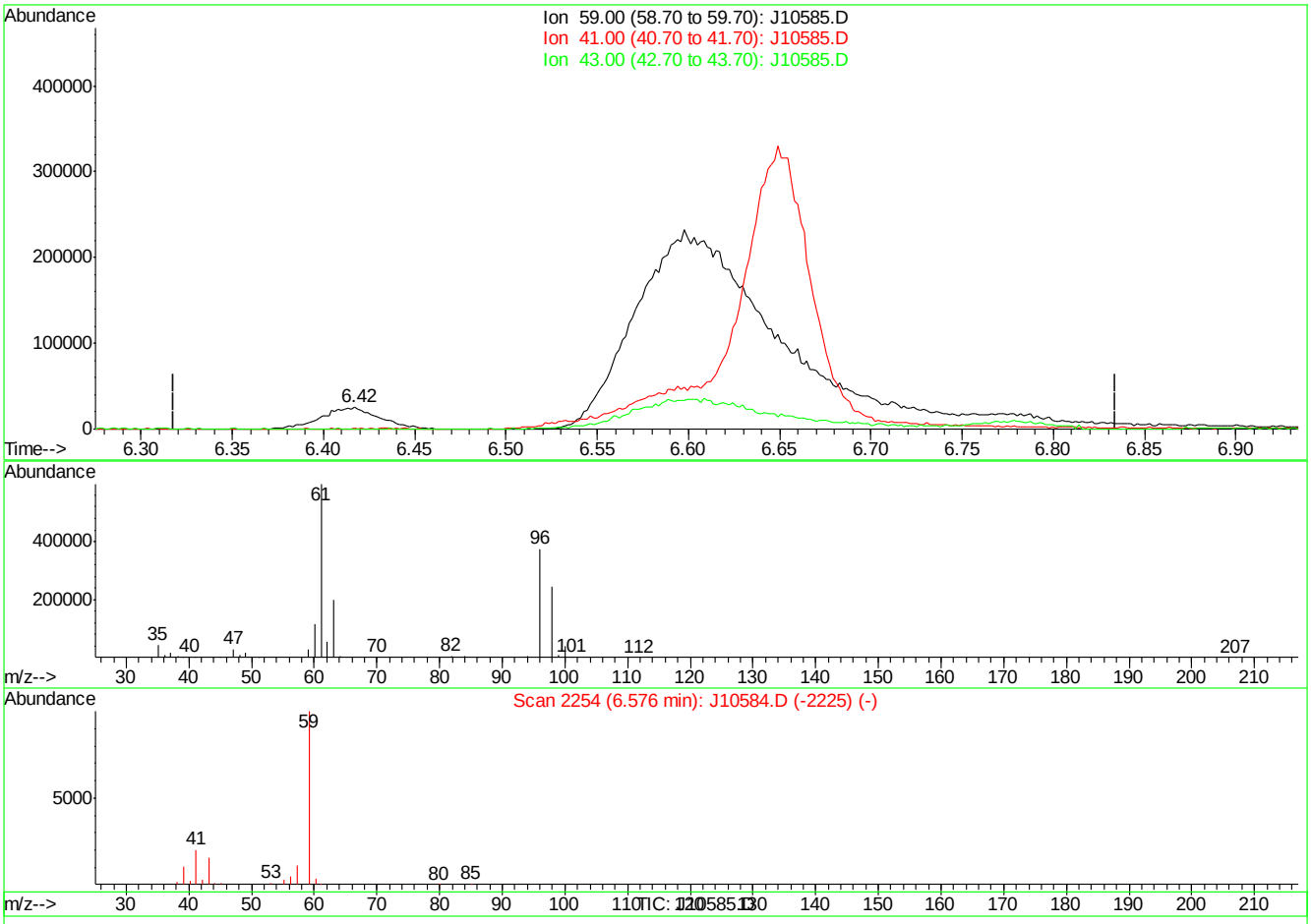
J10585.D J060707T.M Thu Jun 07 15:58:00 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10585.D Vial: 2
Acq On : 7 Jun 2007 2:55 pm Operator: danat
Sample : ic548-20 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 15:57:21 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 14:29:16 2007
Response via : Multiple Level Calibration



(22) TERTIARY BUTYL ALCOHOL (m)

6.42min 1.27PPBV

response 55937

Ion	Exp%	Act%
59.00	100	100
41.00	18.10	0.00
43.00	16.70	0.00
0.00	0.00	0.00

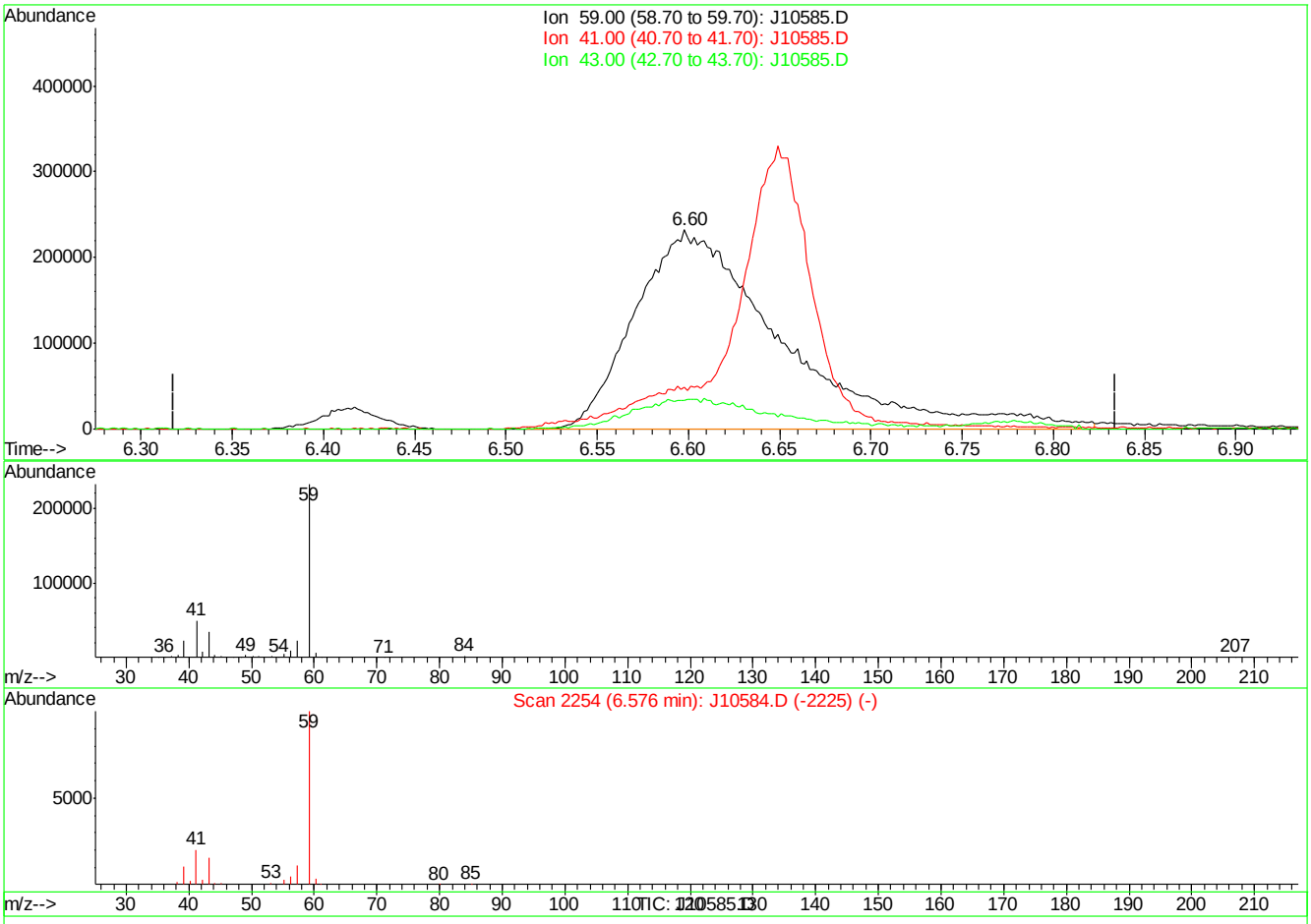
J10585.D J060707T.M Thu Jun 07 15:58:12 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10585.D Vial: 2
Acq On : 7 Jun 2007 2:55 pm Operator: danat
Sample : ic548-20 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 15:57:21 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 14:29:16 2007
Response via : Multiple Level Calibration



(22) TERTIARY BUTYL ALCOHOL (m)

6.60min 29.56PPBV m

response 1301937

Ion	Exp%	Act%
59.00	100	100
41.00	18.10	0.00
43.00	16.70	0.00
0.00	0.00	0.00

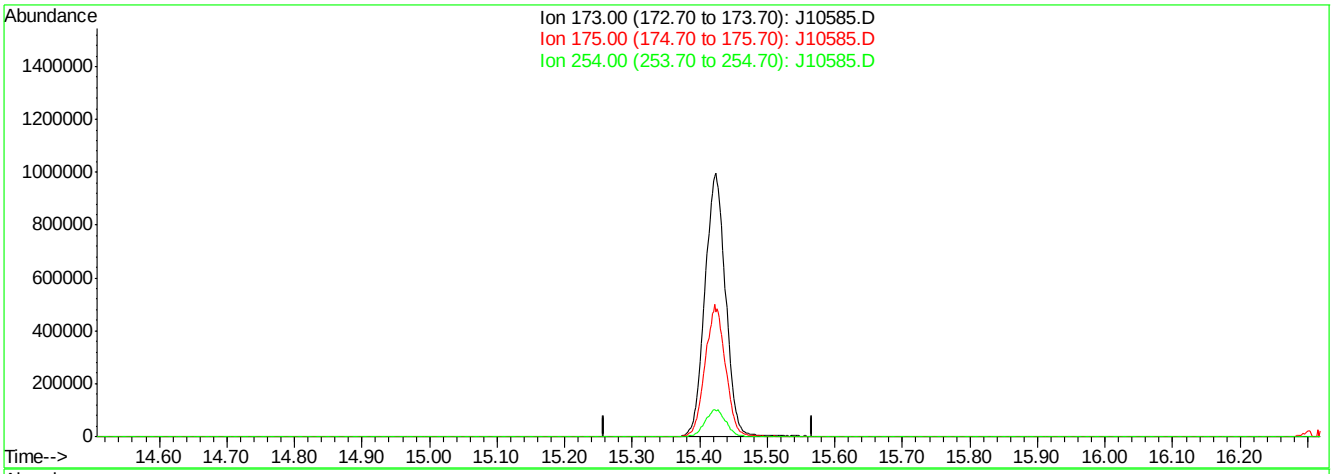
J10585.D J060707T.M Thu Jun 07 15:58:20 2007

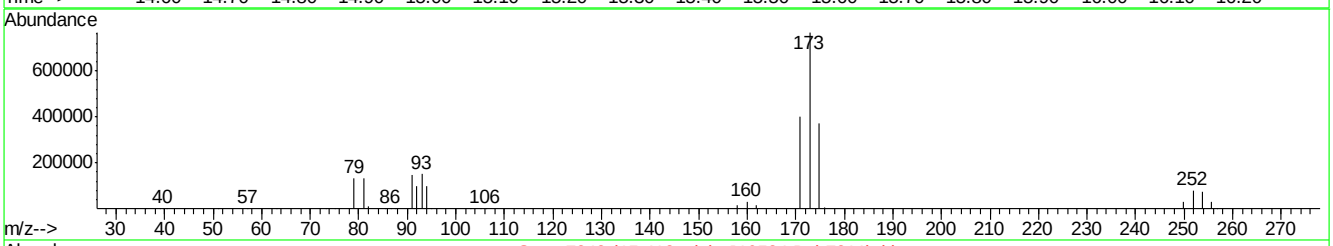
Quantitation Report (Qedit)

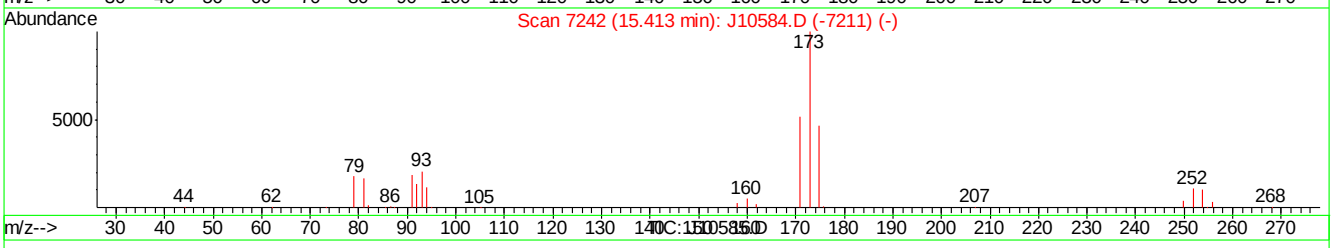
Data File : C:\MSDChem\1\data\J10585.D Vial: 2
Acq On : 7 Jun 2007 2:55 pm Operator: danat
Sample : ic548-20 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 15:57:21 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 14:29:16 2007
Response via : Multiple Level Calibration







(60) BROMOFORM (m)

15.41min 0.00PPBV

response 0

Ion	Exp%	Act%
173.00	100	0.00
175.00	48.90	0.00#
254.00	10.20	0.00
0.00	0.00	0.00

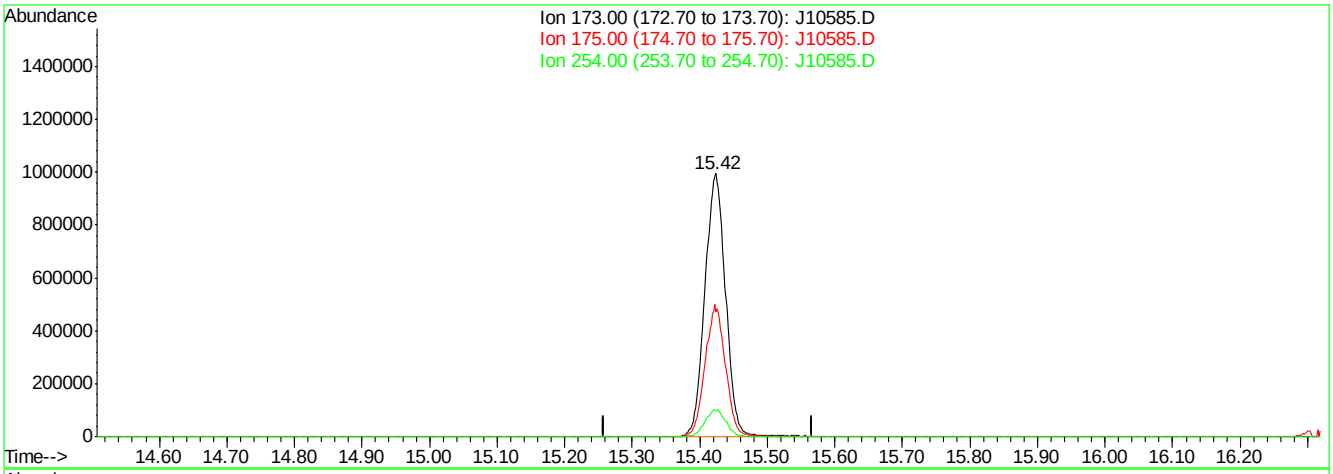
J10585.D J060707T.M Thu Jun 07 15:58:53 2007

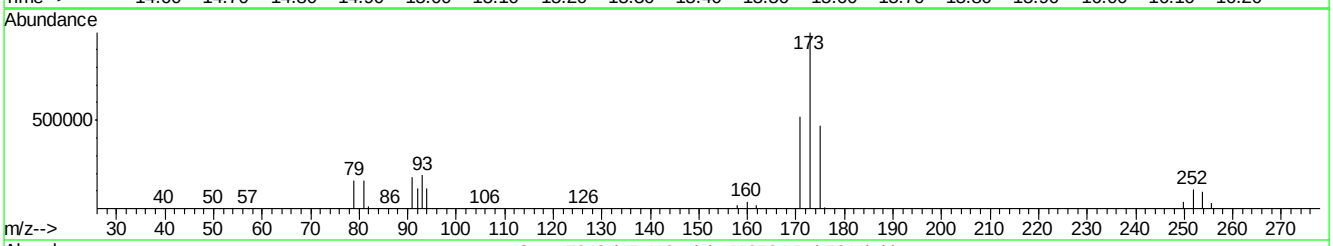
Quantitation Report (Qedit)

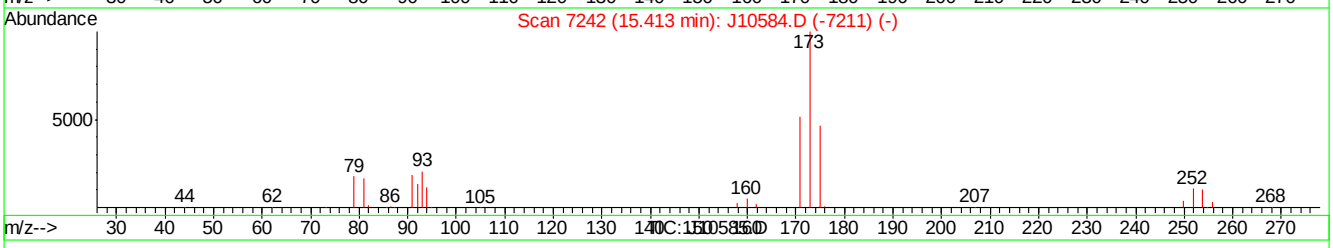
Data File : C:\MSDChem\1\data\J10585.D Vial: 2
Acq On : 7 Jun 2007 2:55 pm Operator: danat
Sample : ic548-20 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 15:57:21 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 14:29:16 2007
Response via : Multiple Level Calibration







(60) BROMOFORM (m)

15.42min 30.06PPBV m

response 2112670

Ion	Exp%	Act%
173.00	100	100
175.00	48.90	0.00#
254.00	10.20	0.00
0.00	0.00	0.00

J10585.D J060707T.M Thu Jun 07 15:58:59 2007

J10586.D

Manual Integrations APPROVED (compounds with "m" flag)

Philip Bassignani 06/18/07 11:53

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10586.D
Acq On : 7 Jun 2007 3:51 pm
Operator : danat
Sample : ic548-40 (m109)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 16:28:58 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:02:32 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	370314	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.45	114	1649653	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.68	117	1530293	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.31	95	520276	5.72	PPBV	0.01
Spiked Amount 5.000	Range 51 - 142		Recovery = 114.40%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	5506566	43.01	PPBV	99
3) PROPYLENE	3.99	41	953810	42.77	PPBV	97
4) FREON 114	4.32	85	5219925	44.46	PPBV	97
5) CHLOROMETHANE	4.22	50	1288539	41.48	PPBV	99
6) VINYL CHLORIDE	4.44	62	1615415	44.79	PPBV	98
7) 1,3-BUTADIENE	4.57	39	1127742	46.15	PPBV	95
8) BROMOMETHANE	4.85	94	1898818	46.48	PPBV	99
9) CHLOROETHANE	5.01	64	797515	48.91	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.77	101	5899376	45.18	PPBV	100
11) ISOPROPYL ALCOHOL	5.99	45	2099386m	51.38	PPBV	
12) ACETONE	5.64	43	2016142	40.21	PPBV	99
13) PENTANE	6.12	42	1276832	41.05	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.40	96	1931524	51.53	PPBV	93
15) CARBON DISULFIDE	6.83	76	4985551	42.86	PPBV	99
16) ETHANOL	5.21	45	382215	51.37	PPBV	71
17) BROMOETHENE	5.37	106	1964700	52.13	PPBV	99
18) METHYLENE CHLORIDE	6.53	84	1749905	43.15	PPBV	94
19) 3-CHLOROPROPENE	6.64	39	1269985	49.81	PPBV	95
20) FREON 113	6.77	151	4061818	48.53	PPBV	95
21) TRANS-1,2-DICHLOROETHYLENE	7.44	96	1879169	52.23	PPBV	94
22) TERTIARY BUTYL ALCOHOL	6.58	59	1741714	26.48	PPBV	96
23) METHYL TERTIARY BUTYL ETHE	7.72	73	4157607	56.26	PPBV	98
24) TETRAHYDROFURAN	9.16	42	1311481	54.42	PPBV	96
25) HEXANE	8.62	57	1884525	41.76	PPBV	95
26) VINYL ACETATE	7.79	43	2572486	54.81	PPBV	97
27) 1,1-DICHLOROETHANE	7.64	63	2953957	48.70	PPBV	99
28) METHYL ETHYL KETONE	8.07	43	2234297	52.05	PPBV	97
29) cis-1,2-DICHLOROETHYLENE	8.45	96	1879081	53.84	PPBV	96
30) ETHYL ACETATE	8.69	43	2446391	52.82	PPBV	99
31) CHLOROFORM	8.74	83	4018522	46.67	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.68	97	4653908	50.16	PPBV	99
33) CARBON TETRACHLORIDE	10.25	117	5533960	50.67	PPBV	99
34) 1,2-DICHLOROETHANE	9.45	62	2470131	52.67	PPBV	99
36) BENZENE	10.12	78	4837089	56.28	PPBV	100
37) CYCLOHEXANE	10.36	84	2139280	54.79	PPBV	96
38) TRICHLOROETHYLENE	11.12	95	2368140	51.64	PPBV	94
39) 1,2-DICHLOROPROPANE	10.90	63	1583943	53.27	PPBV	99
40) BROMODICHLOROMETHANE	11.10	83	4053697	52.01	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	6454898	50.34	PPBV	97
42) 1,4-DIOXANE	11.18	88	899668	43.79	PPBV	95
43) HEPTANE	11.36	43	2180959	51.85	PPBV	95

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10586.D
Acq On : 7 Jun 2007 3:51 pm
Operator : danat
Sample : ic548-40 (m109)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 16:28:58 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:02:32 2007
Response via : Initial Calibration

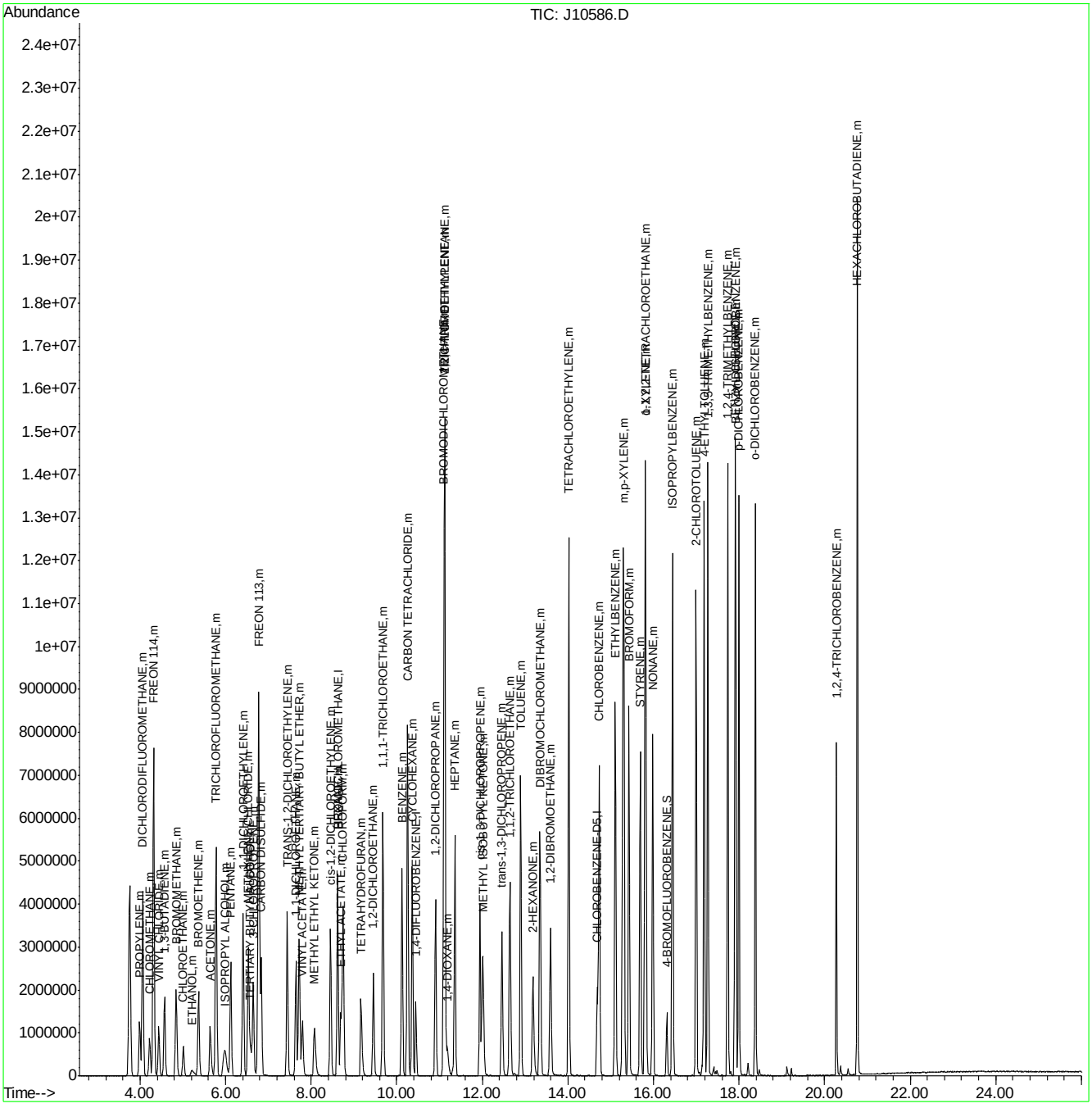
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	2898628	45.08	PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.95	75	2598251	45.77	PPBV	99
46) TOLUENE	12.90	92	3571070	45.73	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.46	75	2568983	39.15	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.64	83	1723872	55.08	PPBV	100
50) 2-HEXANONE	13.18	43	2488622	45.33	PPBV	96
51) TETRACHLOROETHYLENE	14.02	164	3258131	57.55	PPBV	100
52) DIBROMOCHLOROMETHANE	13.35	129	4525133	56.84	PPBV	99
53) 1,2-DIBROMOETHANE	13.59	107	3436834m	62.82	PPBV	
54) CHLOROBENZENE	14.73	112	5130003	59.88	PPBV	98
55) ETHYLBENZENE	15.11	91	8057233	46.15	PPBV	99
56) m,p-XYLENE	15.30	106	6516820	92.32	PPBV	100
57) o-XYLENE	15.80	106	3351720	46.45	PPBV	97
58) STYRENE	15.69	104	4879823	38.30	PPBV	99
59) NONANE	15.98	43	3099225	42.71	PPBV	96
60) BROMOFORM	15.43	173	5141913	48.14	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.82	83	4394440m	56.25	PPBV	
63) ISOPROPYLBENZENE	16.44	105	9696524	46.53	PPBV	99
64) 2-CHLOROTOLUENE	17.00	91	6886897	46.07	PPBV	97
65) 4-ETHYLTOLUENE	17.18	105	9352371	47.36	PPBV	97
66) 1,3,5-TRIMETHYLBENZENE	17.27	105	8402143	47.19	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.74	105	8116398	48.09	PPBV	98
68) m-DICHLOROBENZENE	17.92	146	5994958	48.84	PPBV	99
69) BENZYL CHLORIDE	17.90	91	5034226	41.95	PPBV	98
70) p-DICHLOROBENZENE	18.00	146	5672977	48.65	PPBV	99
71) o-DICHLOROBENZENE	18.38	146	5496964	48.31	PPBV	100
72) HEXACHLOROBUTADIENE	20.76	225	3552393	55.47	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	2163377	42.16	PPBV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10586.D
Acq On : 7 Jun 2007 3:51 pm
Operator : danat
Sample : ic548-40 (m109)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 16:28:58 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:02:32 2007
Response via : Initial Calibration

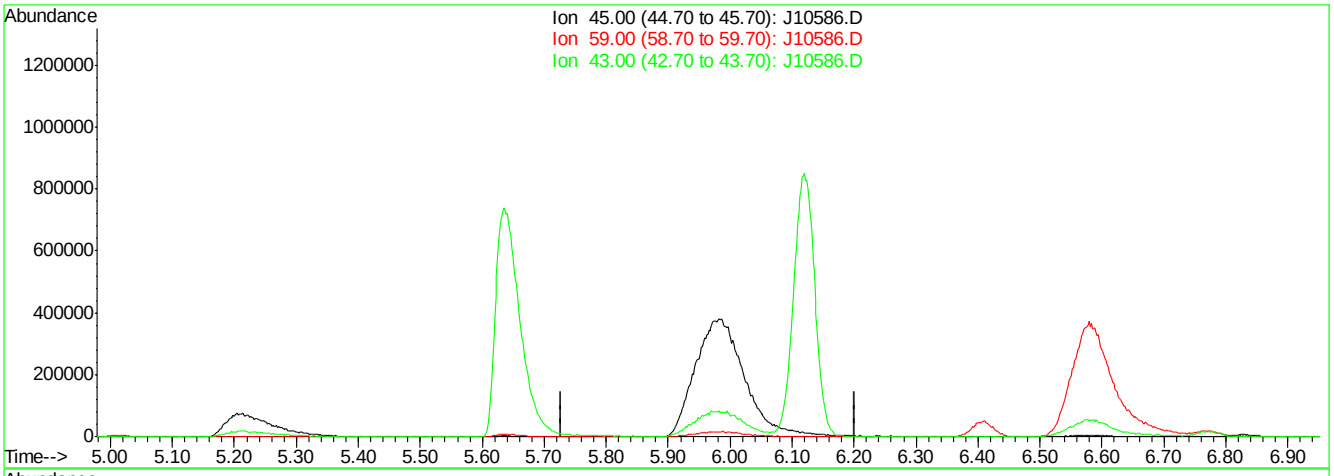


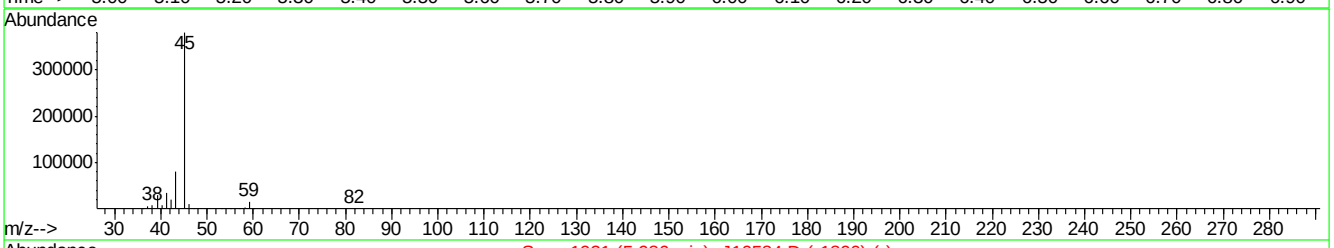
Quantitation Report (Qedit)

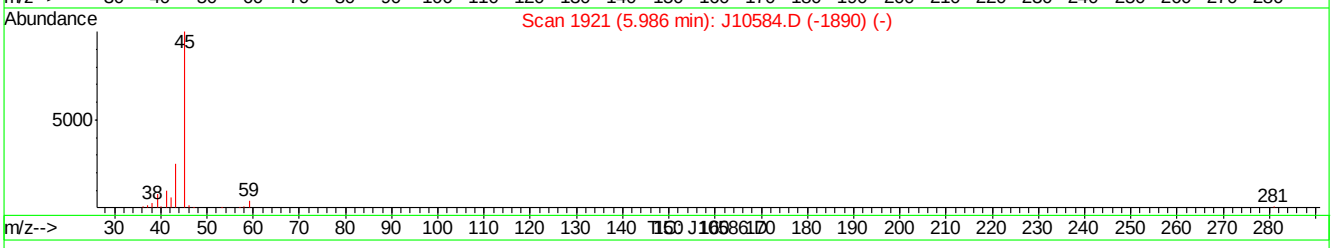
Data File : C:\MSDChem\1\data\J10586.D Vial: 2
Acq On : 7 Jun 2007 3:51 pm Operator: danat
Sample : ic548-40 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 16:27:22 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:02:32 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

5.99min 0.00PPBV

response 0

Ion	Exp%	Act%
45.00	100	0.00
59.00	4.00	0.00
43.00	24.90	0.00#
0.00	0.00	0.00

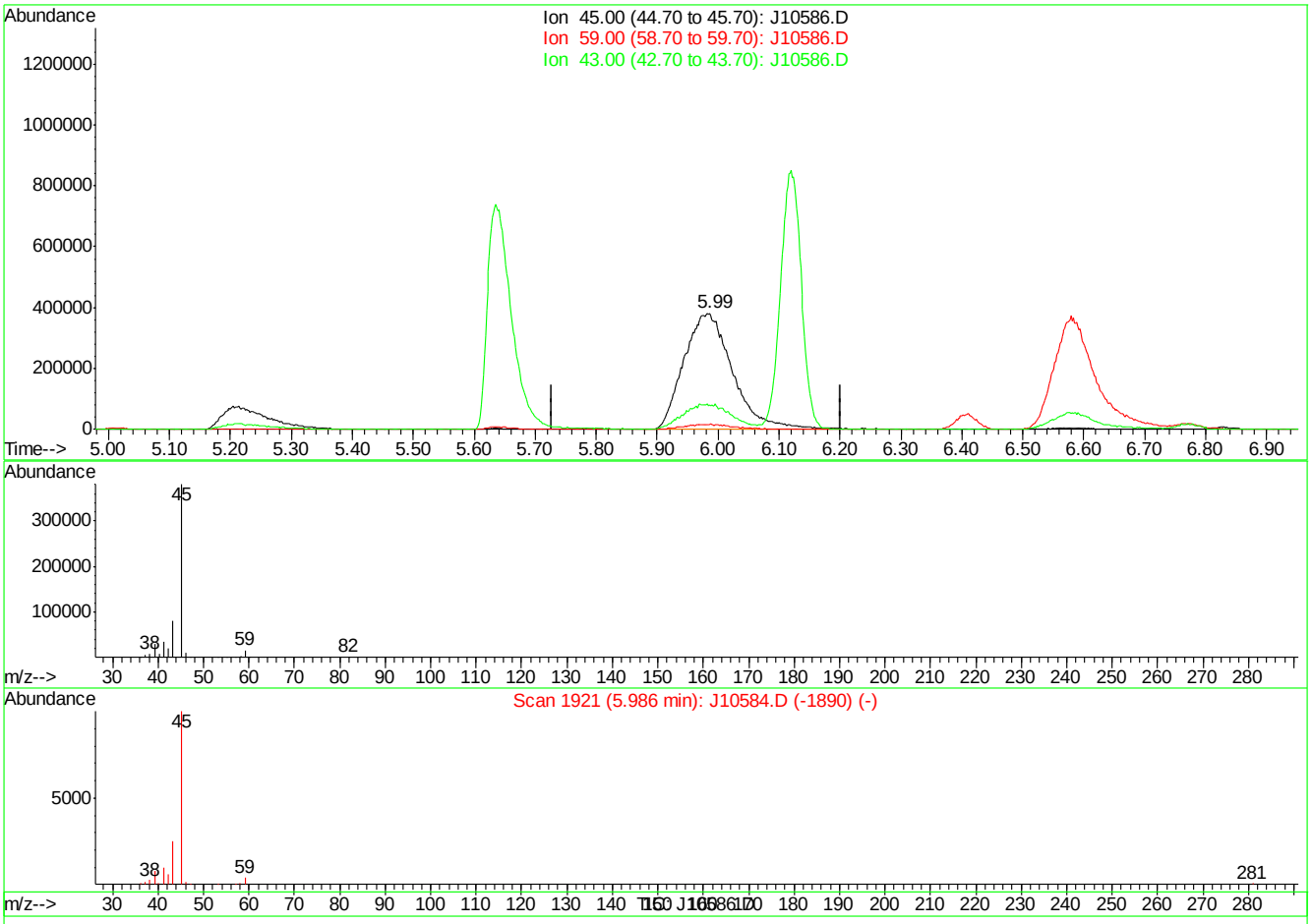
J10586.D J060707T.M Thu Jun 07 16:27:48 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10586.D Vial: 2
Acq On : 7 Jun 2007 3:51 pm Operator: danat
Sample : ic548-40 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 16:27:22 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:02:32 2007
Response via : Multiple Level Calibration



(11) ISOPROPYL ALCOHOL (m)

5.99min 51.38PPBV m

response 2099386

Ion	Exp%	Act%
45.00	100	100
59.00	4.00	3.95
43.00	24.90	21.12
0.00	0.00	0.00

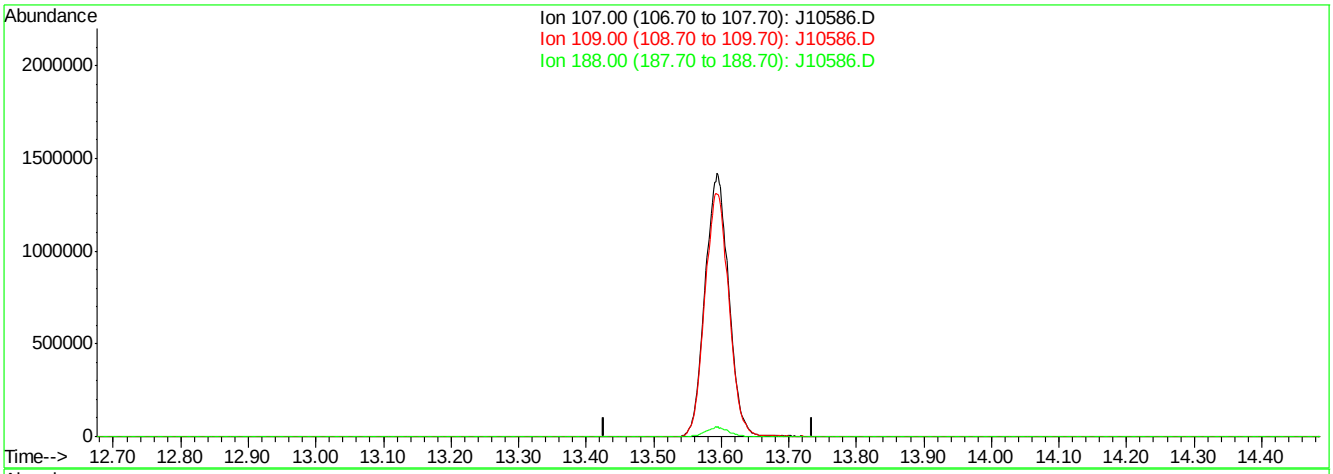
J10586.D J060707T.M Thu Jun 07 16:27:53 2007

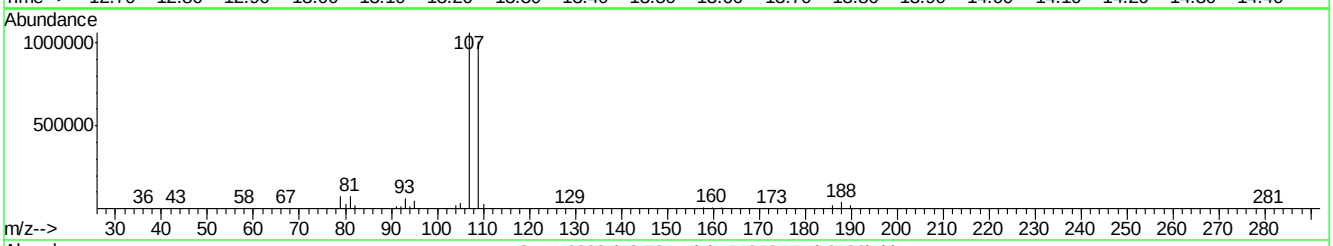
Quantitation Report (Qedit)

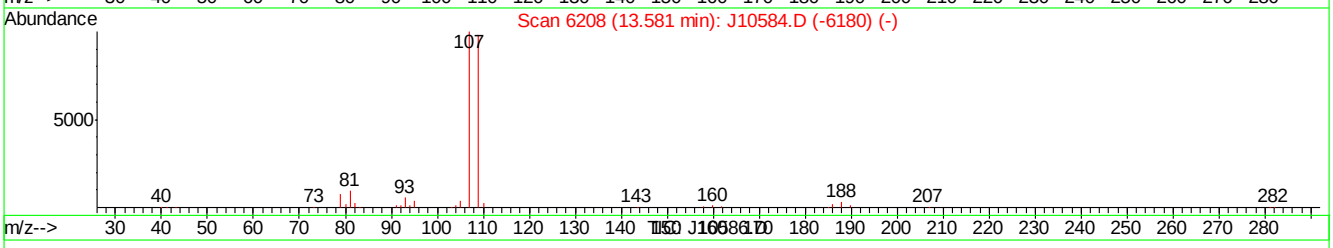
Data File : C:\MSDChem\1\data\J10586.D Vial: 2
Acq On : 7 Jun 2007 3:51 pm Operator: danat
Sample : ic548-40 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 16:27:22 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:02:32 2007
Response via : Multiple Level Calibration







(53) 1,2-DIBROMOETHANE (m)

13.58min 0.00PPBV

response 0

Ion	Exp%	Act%
107.00	100	0.00
109.00	94.40	0.00#
188.00	3.30	0.00
0.00	0.00	0.00

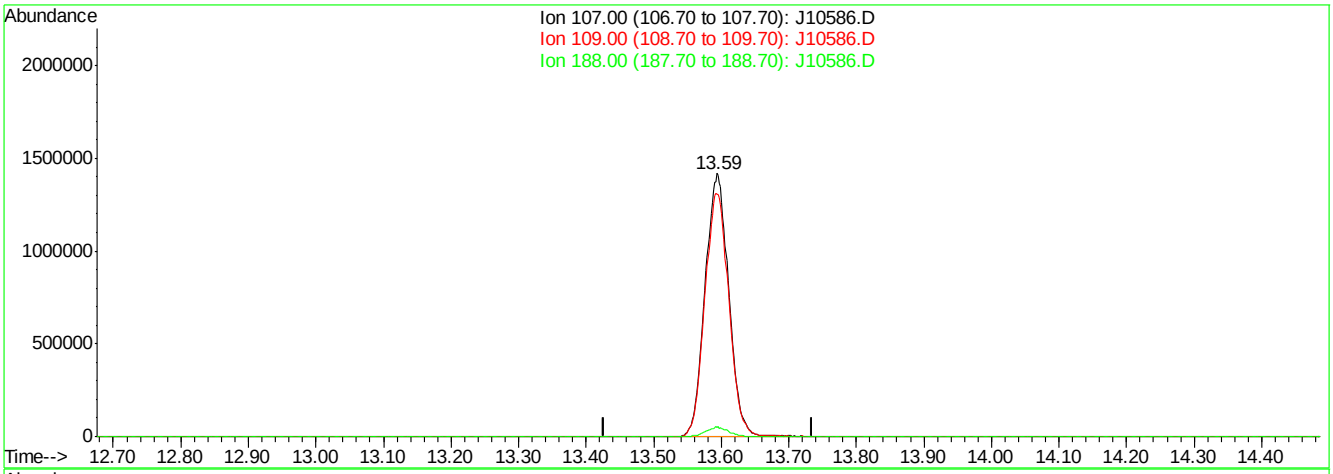
J10586.D J060707T.M Thu Jun 07 16:28:30 2007

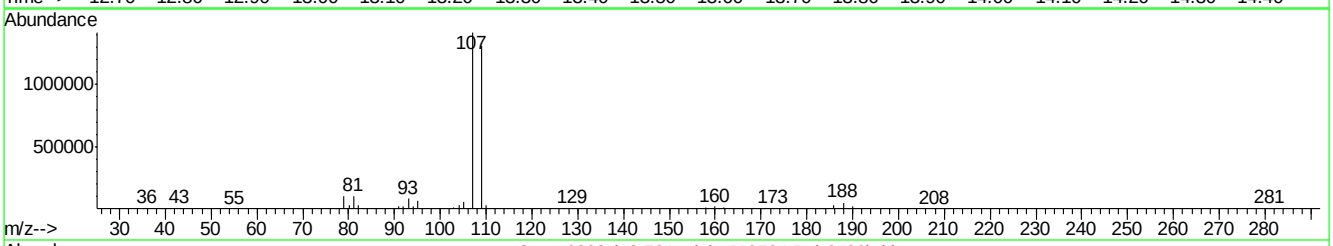
Quantitation Report (Qedit)

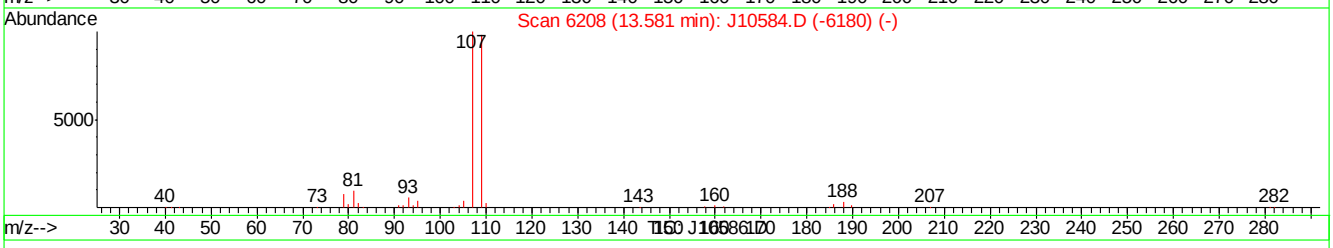
Data File : C:\MSDChem\1\data\J10586.D Vial: 2
Acq On : 7 Jun 2007 3:51 pm Operator: danat
Sample : ic548-40 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 16:27:22 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:02:32 2007
Response via : Multiple Level Calibration







(53) 1,2-DIBROMOETHANE (m)

13.59min 62.82PPBV m

response 3436834

Ion	Exp%	Act%
107.00	100	100
109.00	94.40	0.00#
188.00	3.30	0.00
0.00	0.00	0.00

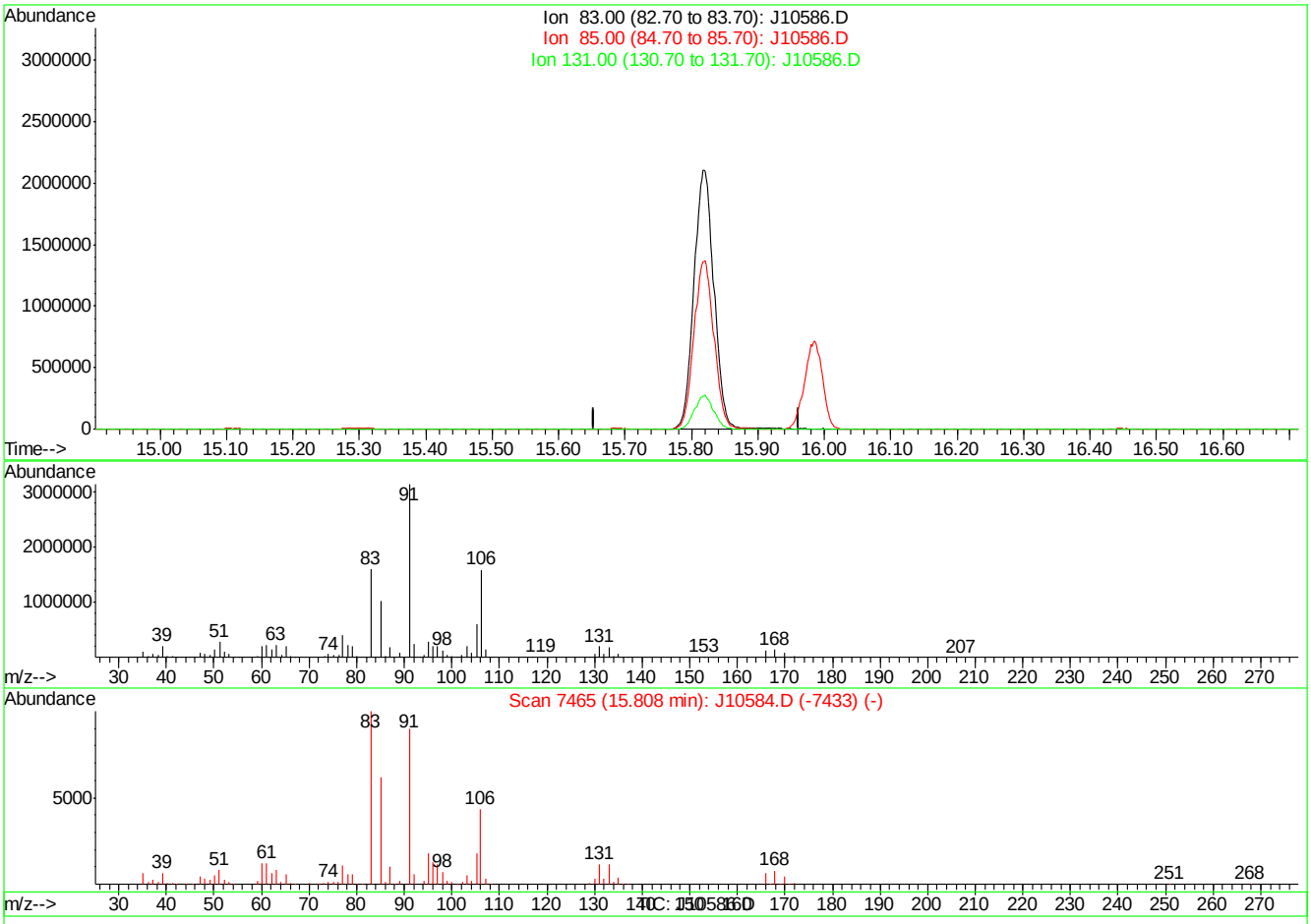
J10586.D J060707T.M Thu Jun 07 16:28:34 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10586.D Vial: 2
Acq On : 7 Jun 2007 3:51 pm Operator: danat
Sample : ic548-40 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 16:27:22 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:02:32 2007
Response via : Multiple Level Calibration



(62) 1,1,2,2-TETRACHLOROETHANE (m)

15.81min 0.00PPBV

response 0

Ion	Exp%	Act%
83.00	100	0.00
85.00	64.40	0.00#
131.00	11.80	0.00
0.00	0.00	0.00

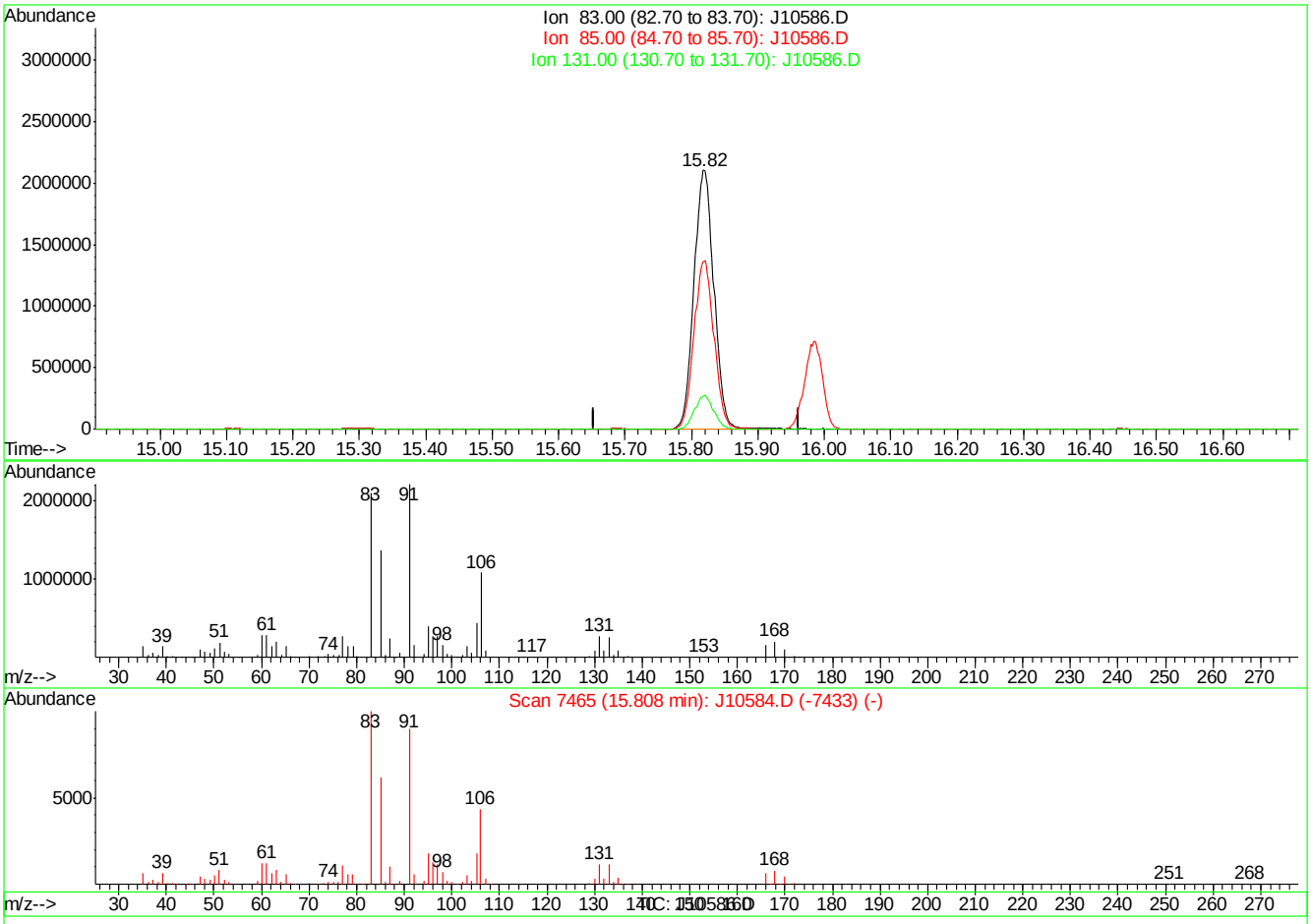
J10586.D J060707T.M Thu Jun 07 16:28:43 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10586.D Vial: 2
Acq On : 7 Jun 2007 3:51 pm Operator: danat
Sample : ic548-40 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 16:27:22 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:02:32 2007
Response via : Multiple Level Calibration



(62) 1,1,2,2-TETRACHLOROETHANE (m)

15.82min 56.25PPBV m

response 4394440

Ion	Exp%	Act%
83.00	100	100
85.00	64.40	0.00#
131.00	11.80	0.00
0.00	0.00	0.00

J10586.D J060707T.M Thu Jun 07 16:28:48 2007

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10587a.D
Acq On : 7 Jun 2007 4:48 pm
Operator : danat
Sample : cc548-10 (m179)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 08 14:25:38 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	350642	10.00	PPBV	0.01
35) 1,4-DIFLUOROBENZENE	10.45	114	1587599	10.00	PPBV	0.01
49) CHLOROBENZENE-D5	14.68	117	1421456	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.30	95	450609	5.22	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 104.40%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.08	85	1426547	11.64	PPBV	99
3) PROPYLENE	4.01	41	248562	11.66	PPBV	99
4) FREON 114	4.34	85	1259333	11.15	PPBV	97
5) CHLOROMETHANE	4.25	50	333857	11.29	PPBV	95
6) VINYL CHLORIDE	4.46	62	402842	11.60	PPBV	98
7) 1,3-BUTADIENE	4.59	39	257681	10.90	PPBV	95
8) BROMOMETHANE	4.87	94	471517	11.91	PPBV	99
9) CHLOROETHANE	5.04	64	178112	11.18	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.80	101	1379319	10.95	PPBV	100
11) ISOPROPYL ALCOHOL	6.00	45	454536	11.29	PPBV	96
12) ACETONE	5.68	43	394366	8.30	PPBV	98
13) PENTANE	6.15	42	315604	10.68	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.43	96	419509	11.35	PPBV	93
15) CARBON DISULFIDE	6.86	76	1189650	10.69	PPBV	98
16) ETHANOL	5.25	45	76176	10.32	PPBV	94
17) BROMOETHENE	5.39	106	463711	12.45	PPBV	99
18) METHYLENE CHLORIDE	6.56	84	381515	9.44	PPBV	95
19) 3-CHLOROPROPENE	6.67	39	269309	10.78	PPBV	98
20) FREON 113	6.80	151	859659	10.53	PPBV	97
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	394964	11.11	PPBV	96
22) TERTIARY BUTYL ALCOHOL	6.61	59	624900	9.47	PPBV	91
23) METHYL TERTIARY BUTYL ETHE	7.75	73	812344	10.97	PPBV	98
24) TETRAHYDROFURAN	9.20	42	245395	10.14	PPBV	99
25) HEXANE	8.64	57	418623	9.68	PPBV	96
26) VINYL ACETATE	7.81	43	480449	10.18	PPBV	98
27) 1,1-DICHLOROETHANE	7.67	63	611703	10.33	PPBV	100
28) METHYL ETHYL KETONE	8.09	43	460474	10.86	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.47	96	372588	10.74	PPBV	98
30) ETHYL ACETATE	8.71	43	474514	10.35	PPBV	100
31) CHLOROFORM	8.76	83	828580	9.93	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.69	97	929020	10.21	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	1176378	10.96	PPBV	99
34) 1,2-DICHLOROETHANE	9.46	62	461884	9.95	PPBV	99
36) BENZENE	10.13	78	886567	10.13	PPBV	99
37) CYCLOHEXANE	10.38	84	459986	11.63	PPBV	97
38) TRICHLOROETHYLENE	11.12	95	469670	10.22	PPBV	98
39) 1,2-DICHLOROPROPANE	10.91	63	296199	9.88	PPBV	99
40) BROMODICHLOROMETHANE	11.10	83	756495	9.67	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.13	57	1422990	11.12	PPBV	99
42) 1,4-DIOXANE	11.20	88	186147	9.91	PPBV	90
43) HEPTANE	11.37	43	435119	10.31	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10587a.D
Acq On : 7 Jun 2007 4:48 pm
Operator : danat
Sample : cc548-10 (m179)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 08 14:25:38 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration

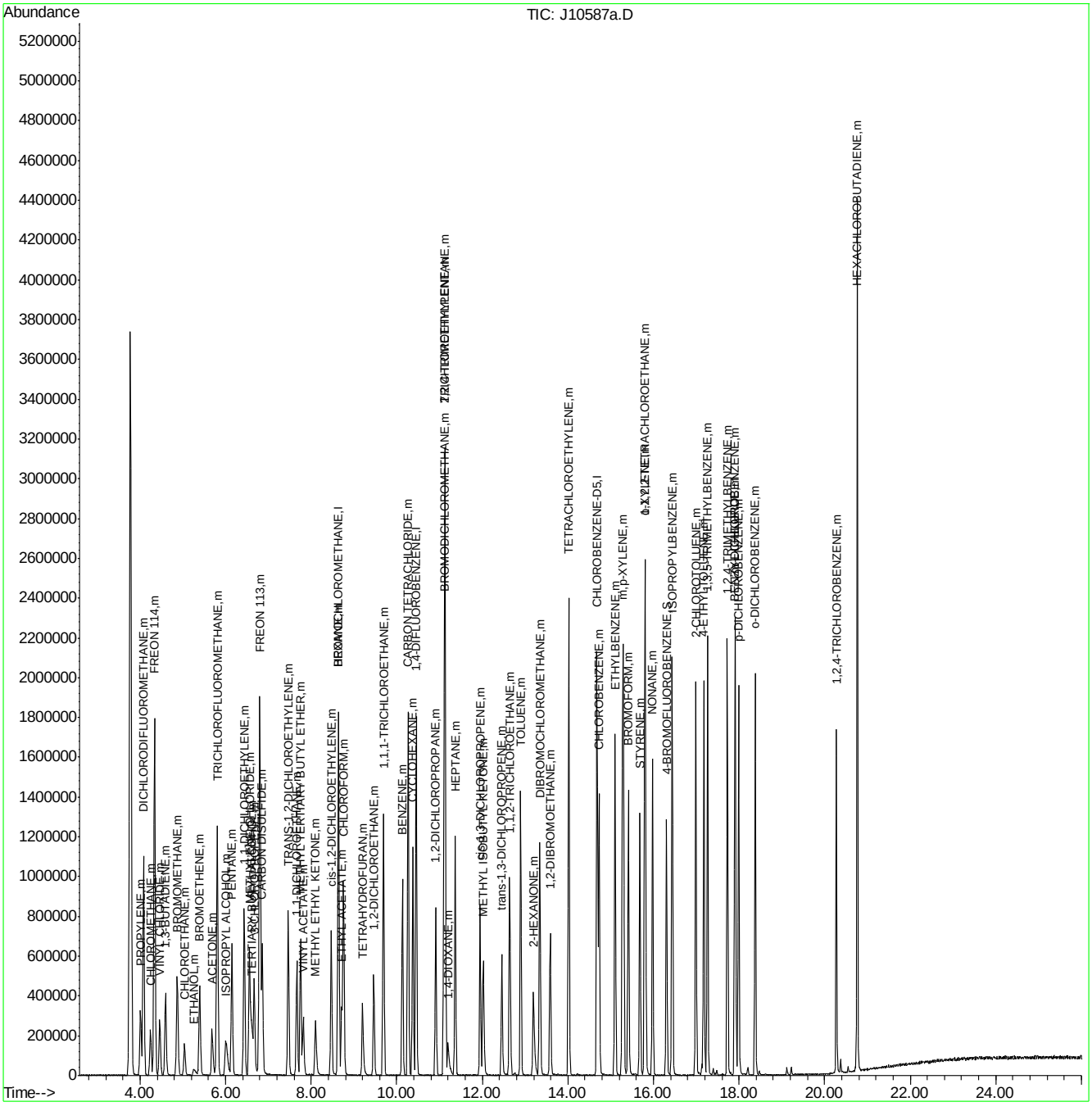
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.02	43	512900	8.29	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.95	75	483552	8.84	PPBV	97
46) TOLUENE	12.90	92	622578	8.27	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	382630	8.28	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.64	83	320127	10.09	PPBV	99
50) 2-HEXANONE	13.20	43	446755	8.77	PPBV	97
51) TETRACHLOROETHYLENE	14.02	164	583651	10.44	PPBV	99
52) DIBROMOCHLOROMETHANE	13.34	129	800412	10.21	PPBV	100
53) 1,2-DIBROMOETHANE	13.59	107	597096	8.57	PPBV	99
54) CHLOROBENZENE	14.73	112	892341	10.47	PPBV	100
55) ETHYLBENZENE	15.10	91	1366588	8.36	PPBV	100
56) m,p-XYLENE	15.29	106	1118411	16.94	PPBV	98
57) o-XYLENE	15.80	106	555234	8.23	PPBV	99
58) STYRENE	15.68	104	738273	9.16	PPBV	99
59) NONANE	15.98	43	568795	8.51	PPBV	99
60) BROMOFORM	15.41	173	807903	8.05	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.81	83	756785	9.86	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	1634872	8.38	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	1131519	8.22	PPBV	99
65) 4-ETHYLTOLUENE	17.18	105	1329590	7.49	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1280436	7.82	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	1200134	7.77	PPBV	100
68) m-DICHLOROBENZENE	17.91	146	872483	7.75	PPBV	100
69) BENZYL CHLORIDE	17.90	91	727079	9.05	PPBV	100
70) p-DICHLOROBENZENE	17.99	146	834408	7.85	PPBV	100
71) o-DICHLOROBENZENE	18.38	146	845184	8.03	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	750052	11.95	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	469259	12.03	PPBV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10587a.D
Acq On : 7 Jun 2007 4:48 pm
Operator : danat
Sample : cc548-10 (m179)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 08 14:25:38 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10587.D
Acq On : 7 Jun 2007 4:48 pm
Operator : danat
Sample : icv548-10 (m179)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 08 15:31:01 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	350642	10.00	PPBV	0.01
35) 1,4-DIFLUOROBENZENE	10.45	114	1587599	10.00	PPBV	0.01
49) CHLOROBENZENE-D5	14.68	117	1421456	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.30	95	450609	5.22	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 104.40%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.08	85	1426547	11.64	PPBV	99
3) PROPYLENE	4.01	41	248562	11.66	PPBV	99
4) FREON 114	4.34	85	1259333	11.15	PPBV	97
5) CHLOROMETHANE	4.25	50	333857	11.29	PPBV	95
6) VINYL CHLORIDE	4.46	62	402842	11.60	PPBV	98
7) 1,3-BUTADIENE	4.59	39	257681	10.90	PPBV	95
8) BROMOMETHANE	4.87	94	471517	11.91	PPBV	99
9) CHLOROETHANE	5.04	64	178112	11.18	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.80	101	1379319	10.95	PPBV	100
11) ISOPROPYL ALCOHOL	6.00	45	454536	11.29	PPBV	96
12) ACETONE	5.68	43	394366	8.30	PPBV	98
13) PENTANE	6.15	42	315604	10.68	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.43	96	419509	11.35	PPBV	93
15) CARBON DISULFIDE	6.86	76	1189650	10.69	PPBV	98
16) ETHANOL	5.25	45	76176	10.32	PPBV	94
17) BROMOETHENE	5.39	106	463711	12.45	PPBV	99
18) METHYLENE CHLORIDE	6.56	84	381515	9.44	PPBV	95
19) 3-CHLOROPROPENE	6.67	39	269309	10.78	PPBV	98
20) FREON 113	6.80	151	859659	10.53	PPBV	97
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	394964	11.11	PPBV	96
22) TERTIARY BUTYL ALCOHOL	6.61	59	624900	9.47	PPBV	91
23) METHYL TERTIARY BUTYL ETHE	7.75	73	812344	10.97	PPBV	98
24) TETRAHYDROFURAN	9.20	42	245395	10.14	PPBV	99
25) HEXANE	8.64	57	418623	9.68	PPBV	96
26) VINYL ACETATE	7.81	43	480449	10.18	PPBV	98
27) 1,1-DICHLOROETHANE	7.67	63	611703	10.33	PPBV	100
28) METHYL ETHYL KETONE	8.09	43	460474	10.86	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.47	96	372588	10.74	PPBV	98
30) ETHYL ACETATE	8.71	43	474514	10.35	PPBV	100
31) CHLOROFORM	8.76	83	828580	9.93	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.69	97	929020	10.21	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	1176378	10.96	PPBV	99
34) 1,2-DICHLOROETHANE	9.46	62	461884	9.95	PPBV	99
36) BENZENE	10.13	78	886567	10.13	PPBV	99
37) CYCLOHEXANE	10.38	84	459986	11.63	PPBV	97
38) TRICHLOROETHYLENE	11.12	95	469670	10.22	PPBV	98
39) 1,2-DICHLOROPROPANE	10.91	63	296199	9.88	PPBV	99
40) BROMODICHLOROMETHANE	11.10	83	756495	9.67	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.13	57	1422990	11.12	PPBV	99
42) 1,4-DIOXANE	11.20	88	186147	9.91	PPBV	90
43) HEPTANE	11.37	43	435119	10.31	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10587.D
Acq On : 7 Jun 2007 4:48 pm
Operator : danat
Sample : icv548-10 (m179)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 08 15:31:01 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration

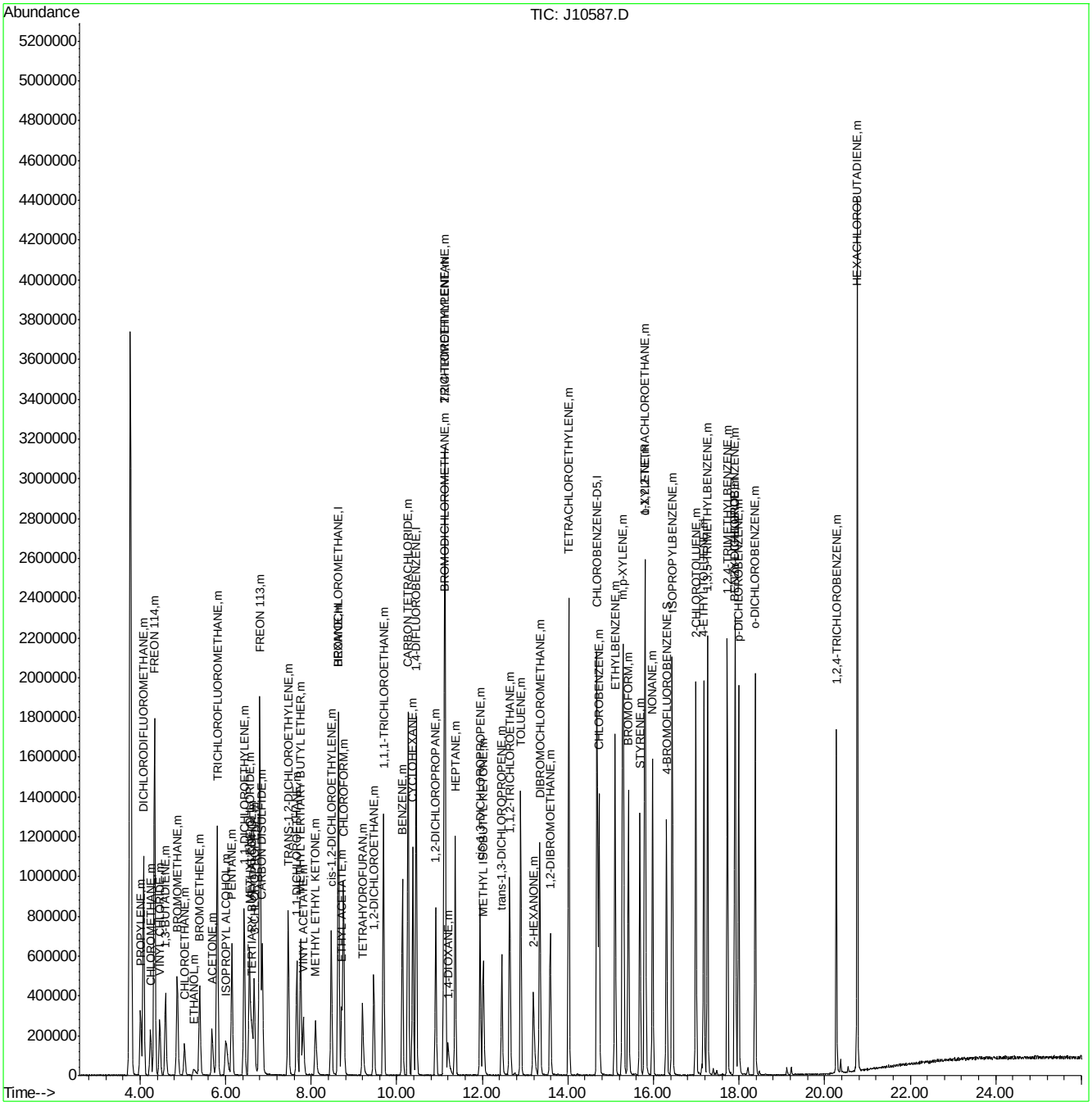
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.02	43	512900	8.29	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.95	75	483552	8.84	PPBV	97
46) TOLUENE	12.90	92	622578	8.27	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	382630	8.28	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.64	83	320127	10.09	PPBV	99
50) 2-HEXANONE	13.20	43	446755	8.77	PPBV	97
51) TETRACHLOROETHYLENE	14.02	164	583651	10.44	PPBV	99
52) DIBROMOCHLOROMETHANE	13.34	129	800412	10.21	PPBV	100
53) 1,2-DIBROMOETHANE	13.59	107	597096	8.57	PPBV	99
54) CHLOROBENZENE	14.73	112	892341	10.47	PPBV	100
55) ETHYLBENZENE	15.10	91	1366588	8.36	PPBV	100
56) m,p-XYLENE	15.29	106	1118411	16.94	PPBV	98
57) o-XYLENE	15.80	106	555234	8.23	PPBV	99
58) STYRENE	15.68	104	738273	9.16	PPBV	99
59) NONANE	15.98	43	568795	8.51	PPBV	99
60) BROMOFORM	15.41	173	807903	8.05	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.81	83	756785	9.86	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	1634872	8.38	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	1131519	8.22	PPBV	99
65) 4-ETHYLTOLUENE	17.18	105	1329590	7.49	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1280436	7.82	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	1200134	7.77	PPBV	100
68) m-DICHLOROBENZENE	17.91	146	872483	7.75	PPBV	100
69) BENZYL CHLORIDE	17.90	91	727079	9.05	PPBV	100
70) p-DICHLOROBENZENE	17.99	146	834408	7.85	PPBV	100
71) o-DICHLOROBENZENE	18.38	146	845184	8.03	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	750052	11.95	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	469259	12.03	PPBV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10587.D
Acq On : 7 Jun 2007 4:48 pm
Operator : danat
Sample : icv548-10 (m179)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 08 15:31:01 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 06/27/07 12:10

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10757.D
Acq On : 25 Jun 2007 10:16 am
Operator : danat
Sample : ic557-0.5 (m141)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 10:50:06 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 10:46:18 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	419744	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1843308	10.00	PPBV	-0.02
49) CHLOROBENZENE-D5	14.67	117	1602957	10.00	PPBV	-0.01

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	442099	4.44	PPBV	-0.02

Spiked Amount 5.000 Range 51 - 142 Recovery = 88.80%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	102309	0.76	PPBV		99
3) PROPYLENE	4.01	41	13720	0.70	PPBV	#	76
4) FREON 114	4.33	85	83601	0.72	PPBV		96
5) CHLOROMETHANE	4.23	50	21406	0.78	PPBV		85
6) VINYL CHLORIDE	4.45	62	23346	0.73	PPBV		98
7) 1,3-BUTADIENE	4.59	39	16118	0.67	PPBV		88
8) BROMOMETHANE	4.86	94	27828	0.70	PPBV		98
9) CHLOROETHANE	5.04	64	11262	0.73	PPBV		95
10) TRICHLOROFLUOROMETHANE	5.79	101	104032	0.72	PPBV		98
11) ISOPROPYL ALCOHOL	6.03	45	29822m	0.63	PPBV		
12) ACETONE	5.68	43	111506	2.09	PPBV		72
13) PENTANE	6.14	42	40215	1.35	PPBV		97
14) 1,1-DICHLOROETHYLENE	6.43	96	25308	0.63	PPBV		98
15) CARBON DISULFIDE	6.85	76	81032	0.71	PPBV		91
16) ETHANOL	5.30	45	7283m	0.89	PPBV		
17) BROMOETHENE	5.40	106	23736	0.59	PPBV	#	96
18) METHYLENE CHLORIDE	6.55	84	75365	1.41	PPBV		93
19) 3-CHLOROPROPENE	6.66	39	20602	0.63	PPBV		92
20) FREON 113	6.80	151	66319	0.70	PPBV		89
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	23252	0.58	PPBV		89
22) TERTIARY BUTYL ALCOHOL	6.66	59	22222	0.41	PPBV	#	69
23) METHYL TERTIARY BUTYL ETHE	7.76	73	47501	0.55	PPBV		87
24) TETRAHYDROFURAN	9.23	42	11364	0.42	PPBV	#	69
25) HEXANE	8.64	57	37755	0.77	PPBV		92
26) VINYL ACETATE	7.80	43	31274	0.62	PPBV		88
27) 1,1-DICHLOROETHANE	7.65	63	43016	0.64	PPBV		99
28) METHYL ETHYL KETONE	8.11	43	32857	0.62	PPBV		97
29) cis-1,2-DICHLOROETHYLENE	8.46	96	22685	0.57	PPBV		100
30) ETHYL ACETATE	8.72	43	24265	0.43	PPBV	#	88
31) CHLOROFORM	8.74	83	62486	0.64	PPBV		98
32) 1,1,1-TRICHLOROETHANE	9.68	97	70129	0.63	PPBV		98
33) CARBON TETRACHLORIDE	10.26	117	85832	0.63	PPBV		99
34) 1,2-DICHLOROETHANE	9.45	62	34368	0.60	PPBV		96
36) BENZENE	10.12	78	48544	0.49	PPBV		99
37) CYCLOHEXANE	10.37	84	20025	0.42	PPBV		94
38) TRICHLOROETHYLENE	11.11	95	28199	0.55	PPBV		96
39) 1,2-DICHLOROPROPANE	10.90	63	16025	0.50	PPBV		92
40) BROMODICHLOROMETHANE	11.08	83	53524	0.59	PPBV		97
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	73323	0.48	PPBV		92
42) 1,4-DIOXANE	11.25	88	8305m	0.38	PPBV		
43) HEPTANE	11.36	43	20660	0.42	PPBV		93

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10757.D
Acq On : 25 Jun 2007 10:16 am
Operator : danat
Sample : ic557-0.5 (m141)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 10:50:06 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 10:46:18 2007
Response via : Initial Calibration

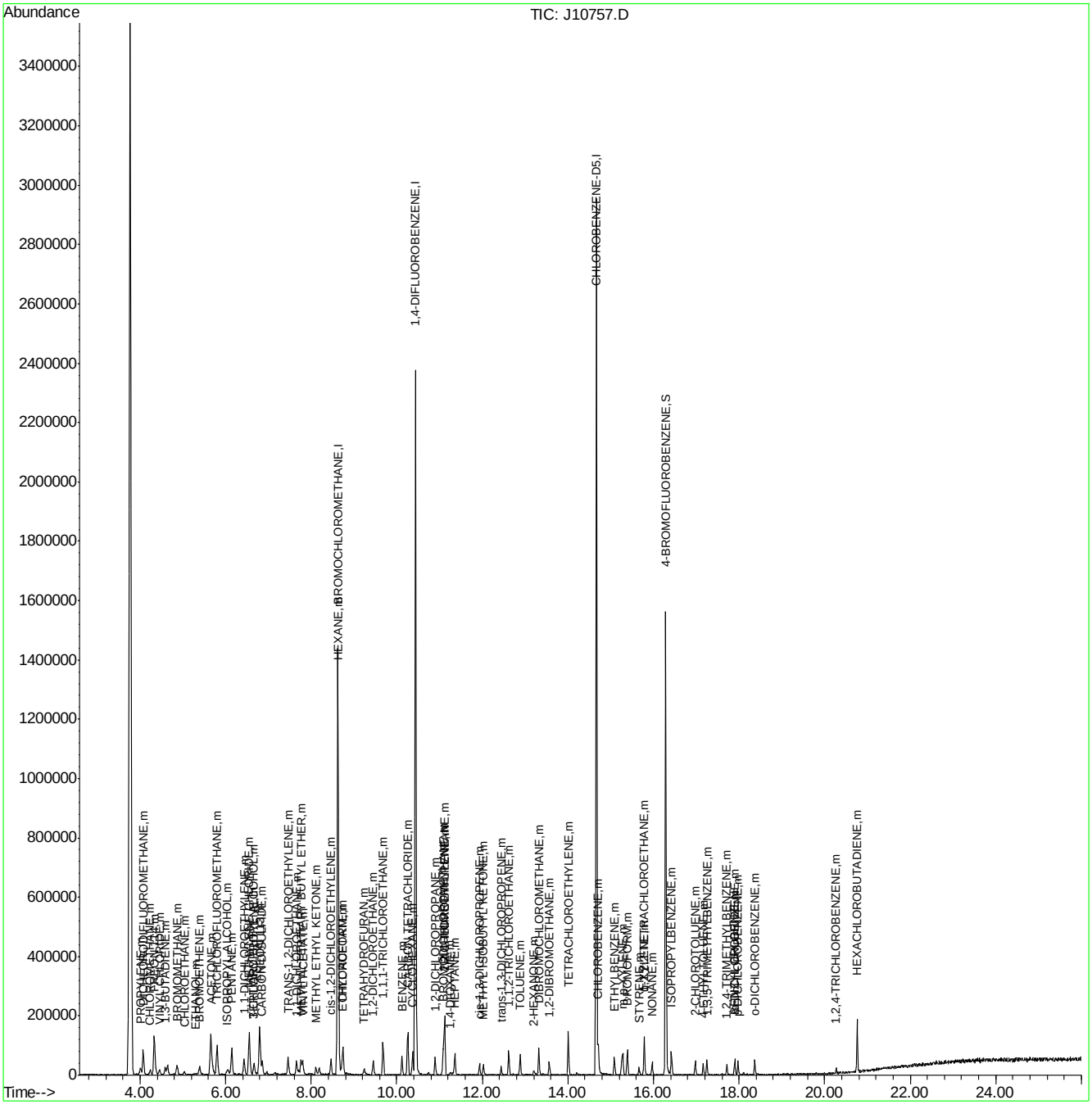
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.02	43	21762	0.37 PPBV #	46
45) cis-1,3-DICHLOROPROPENE	11.93	75	16819	0.34 PPBV	95
46) TOLUENE	12.88	92	27196	0.42 PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.44	75	13551	0.29 PPBV	97
48) 1,1,2-TRICHLOROETHANE	12.61	83	18083	0.54 PPBV	96
50) 2-HEXANONE	13.21	43	13855	0.29 PPBV #	56
51) TETRACHLOROETHYLENE	14.01	164	30571	0.48 PPBV	98
52) DIBROMOCHLOROMETHANE	13.32	129	46822	0.51 PPBV	98
53) 1,2-DIBROMOETHANE	13.57	107	28493	0.46 PPBV	98
54) CHLOROBENZENE	14.71	112	45000	0.47 PPBV	98
55) ETHYLBENZENE	15.09	91	39651	0.31 PPBV	99
56) m,p-XYLENE	15.28	106	32675	0.65 PPBV	93
57) o-XYLENE	15.78	106	13997	0.28 PPBV	98
58) STYRENE	15.67	104	11831	0.19 PPBV	97
59) NONANE	15.97	43	11796	0.24 PPBV	94
60) BROMOFORM	15.39	173	40987	0.46 PPBV	96
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	36584	0.47 PPBV	99
63) ISOPROPYLBENZENE	16.42	105	42030	0.26 PPBV	97
64) 2-CHLOROTOLUENE	16.97	91	25646	0.26 PPBV	97
65) 4-ETHYLTOLUENE	17.16	105	22196	0.19 PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	25579	0.21 PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.71	105	18107	0.20 PPBV	98
68) m-DICHLOROBENZENE	17.90	146	21337	0.29 PPBV	98
69) BENZYL CHLORIDE	17.89	91	5781	0.11 PPBV	79
70) p-DICHLOROBENZENE	17.97	146	15820	0.25 PPBV	83
71) o-DICHLOROBENZENE	18.37	146	20468	0.31 PPBV	98
72) HEXACHLOROBUTADIENE	20.76	225	28822	0.40 PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.28	180	5779	0.29 PPBV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10757.D
Acq On : 25 Jun 2007 10:16 am
Operator : danat
Sample : ic557-0.5 (m141)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 10:50:06 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 10:46:18 2007
Response via : Initial Calibration

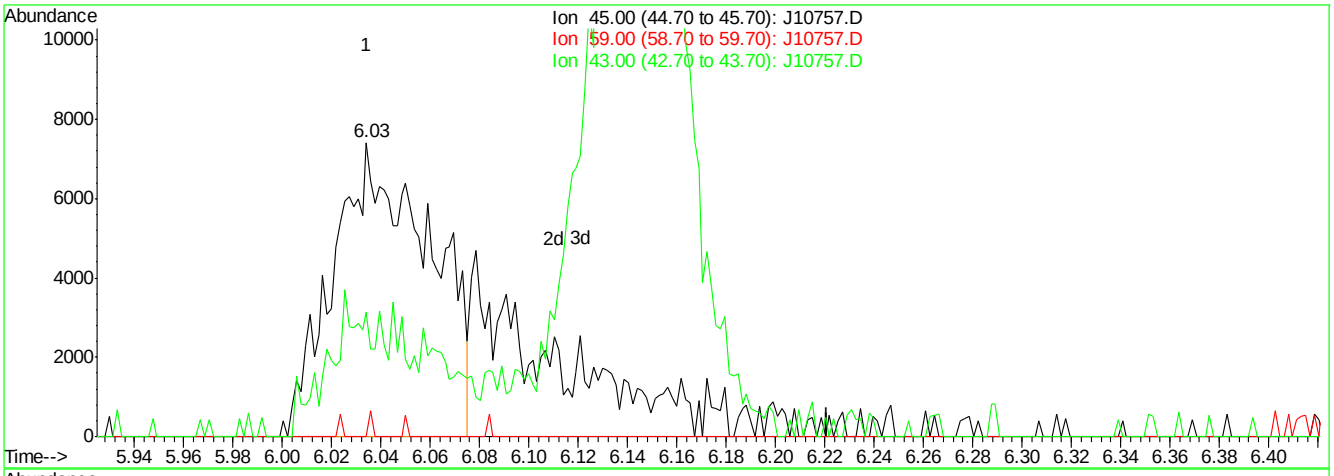


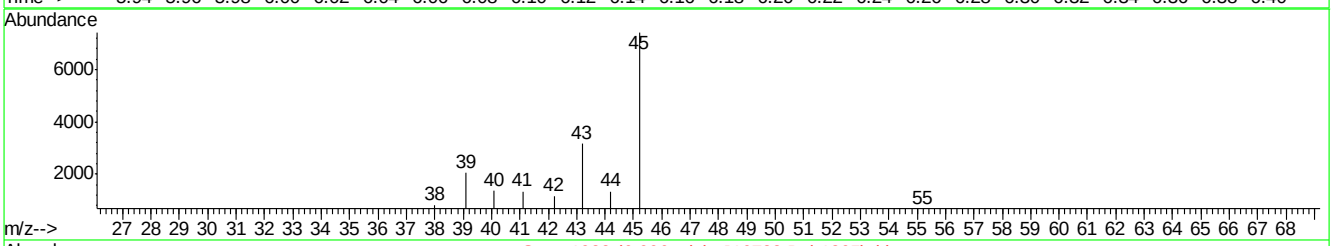
Quantitation Report (Qedit)

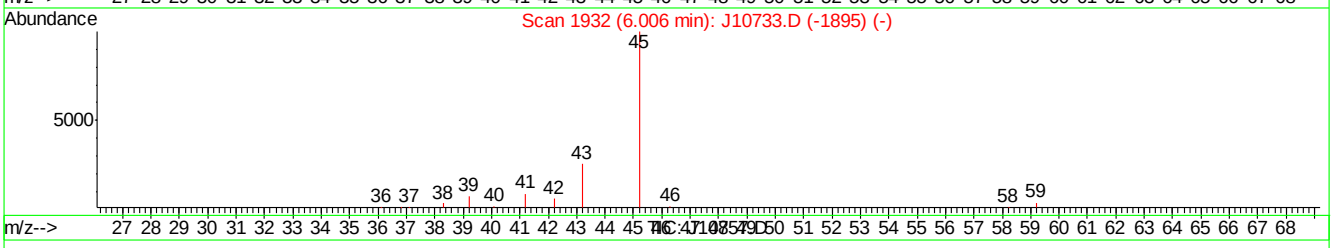
Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 10:46:29 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.03min 0.43PPBV

response 20053

Ion	Exp%	Act%
45.00	100	100
59.00	3.70	0.00
43.00	25.20	42.54
0.00	0.00	0.00

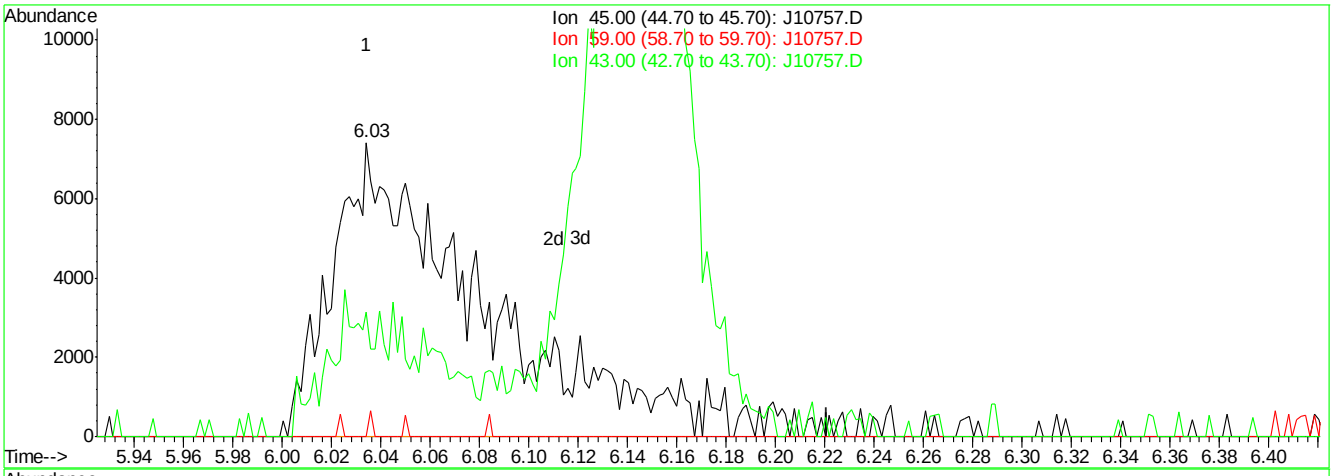
J10757.D J062507T.M Mon Jun 25 10:48:40 2007

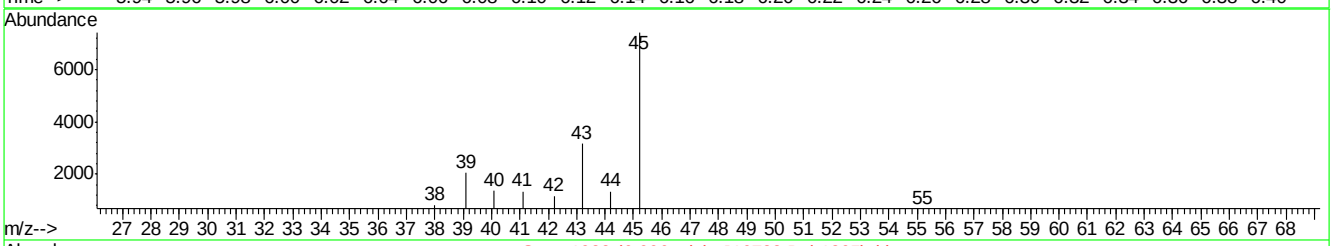
Quantitation Report (Qedit)

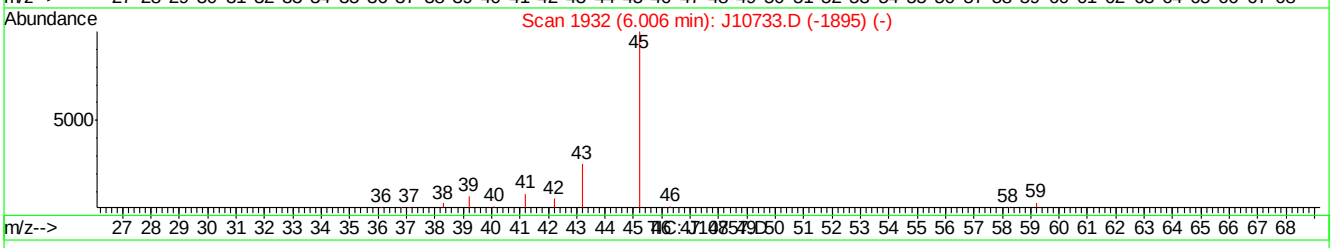
Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 10:46:29 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.03min 0.63PPBV m

response 29822

Ion	Exp%	Act%
45.00	100	100
59.00	3.70	0.00
43.00	25.20	42.54
0.00	0.00	0.00

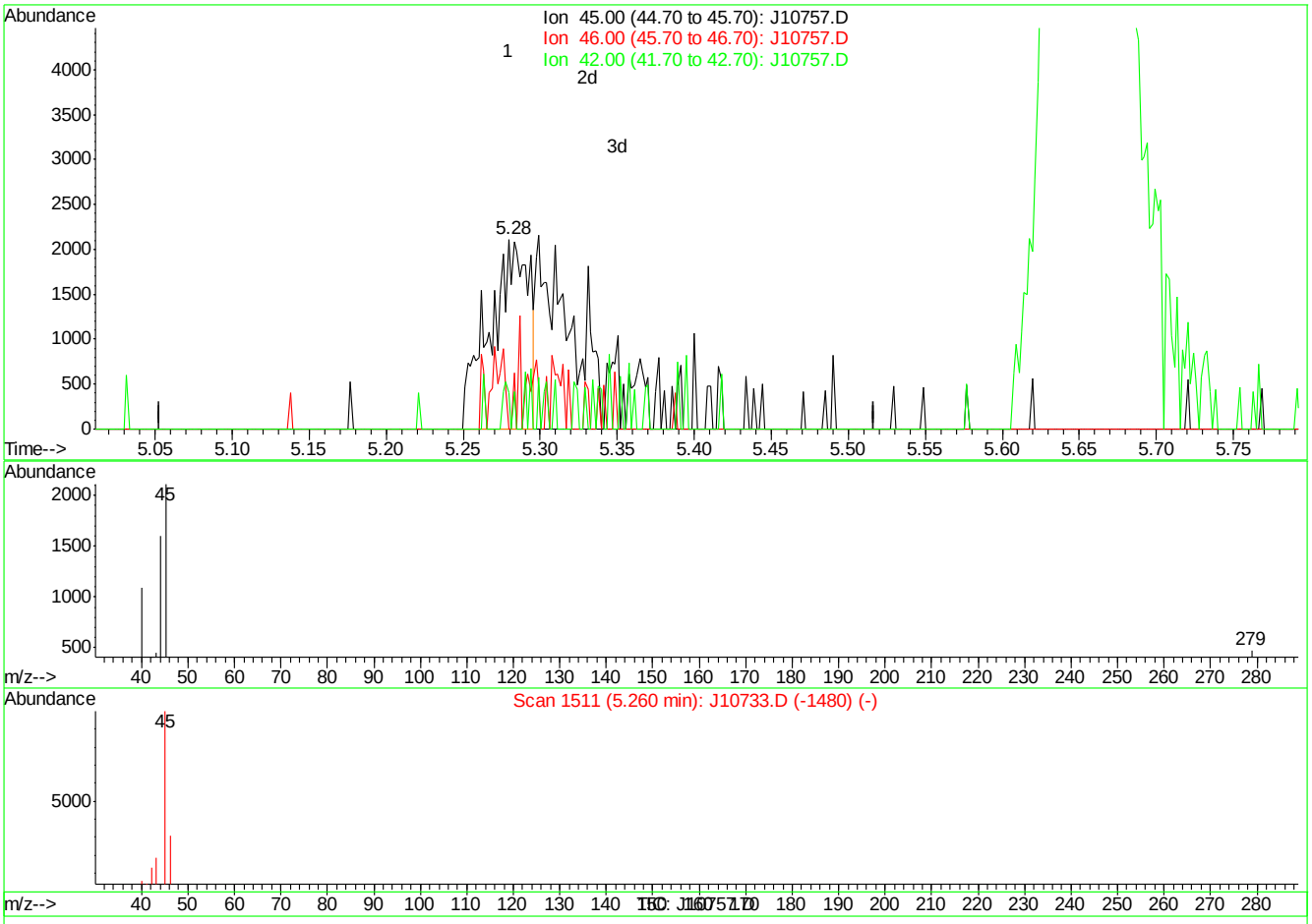
J10757.D J062507T.M Mon Jun 25 10:48:45 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 10:46:29 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration



(16) ETHANOL (m)

5.28min 0.45PPBV

response 3685

Ion	Exp%	Act%
45.00	100	100
46.00	6.50	18.43
42.00	2.80	5.10
0.00	0.00	0.00

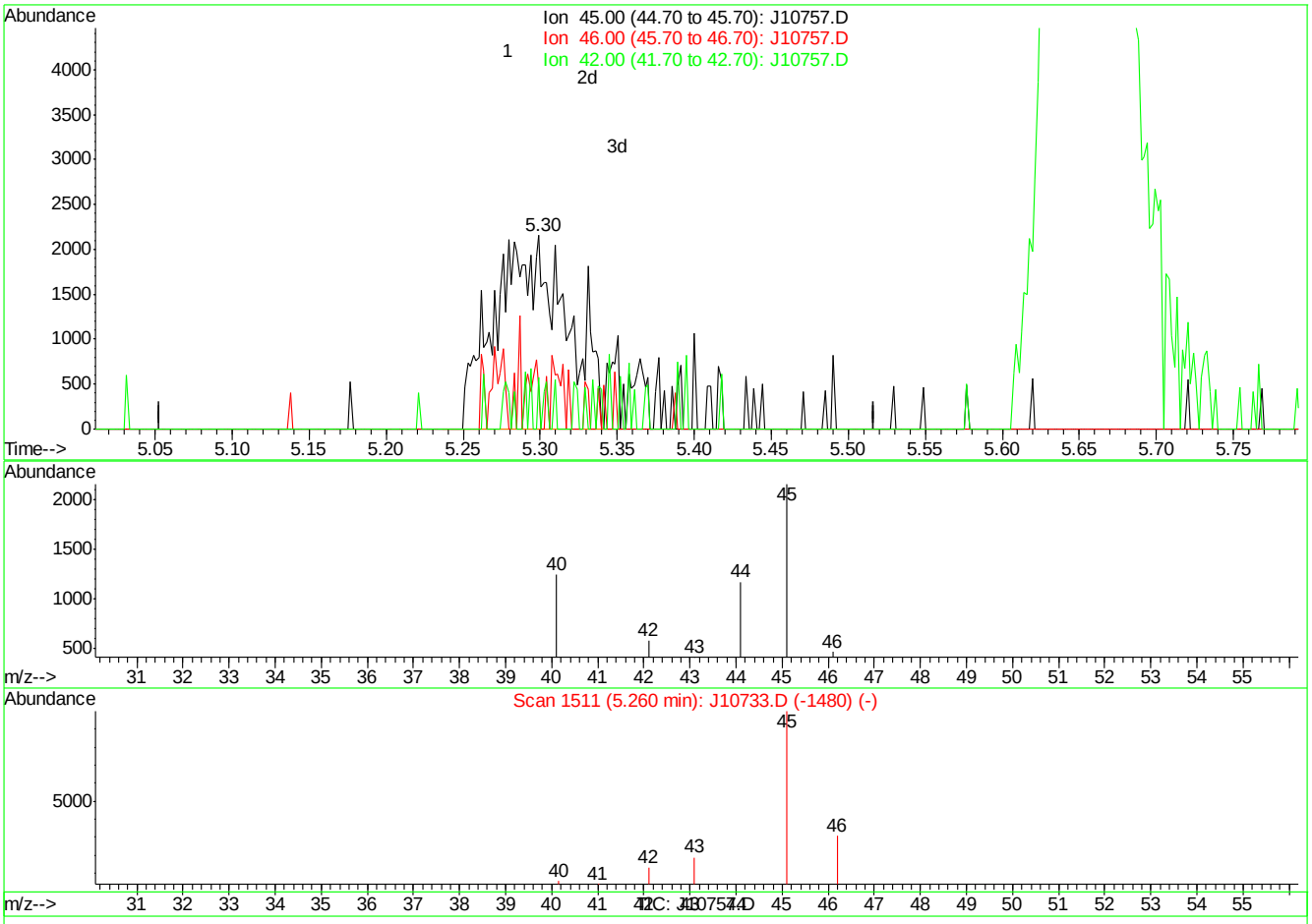
J10757.D J062507T.M Mon Jun 25 10:49:22 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 10:46:29 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration



(16) ETHANOL (m)

5.30min 0.89PPBV m

response 7283

Ion	Exp%	Act%
45.00	100	100
46.00	6.50	9.32
42.00	2.80	2.58
0.00	0.00	0.00

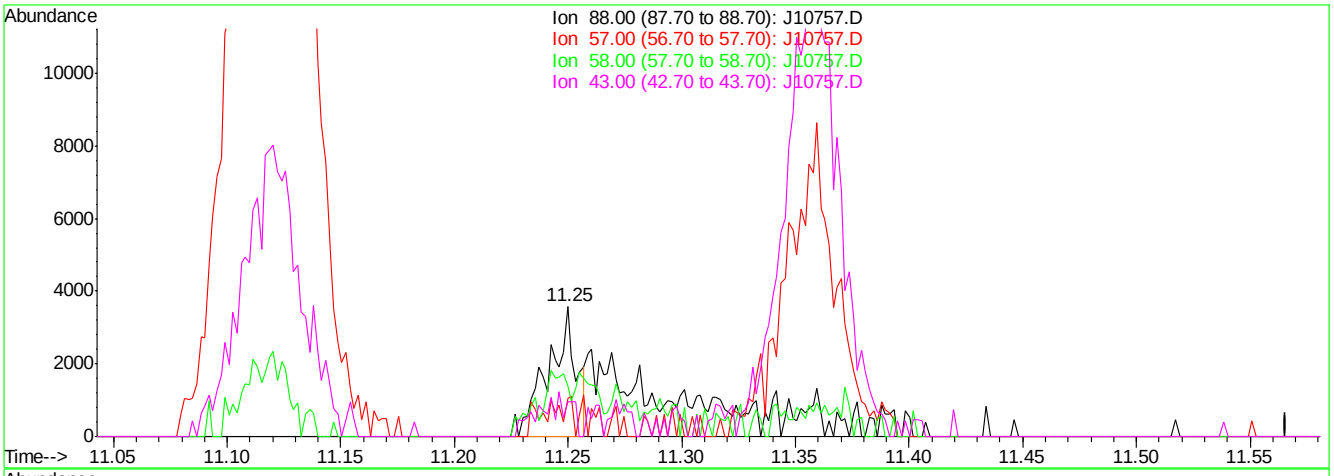
J10757.D J062507T.M Mon Jun 25 10:49:33 2007

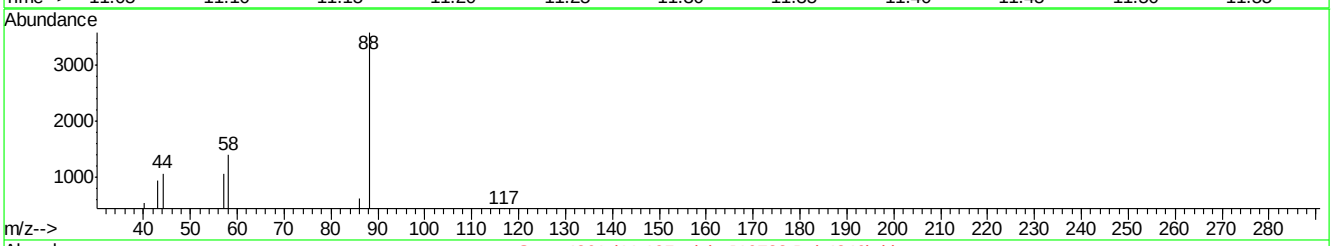
Quantitation Report (Qedit)

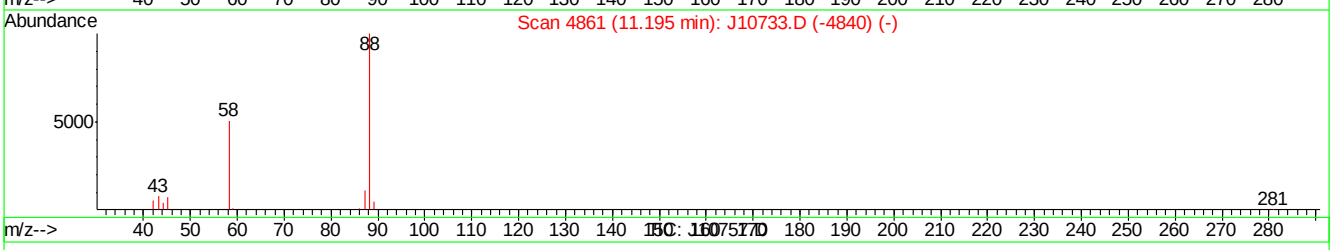
Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 10:46:29 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration







(42) 1,4-DIOXANE (m)

11.25min 0.14PPBV

response 3047

Ion	Exp%	Act%
88.00	100	100
57.00	21.70	29.39
58.00	53.20	38.90
43.00	22.40	26.32

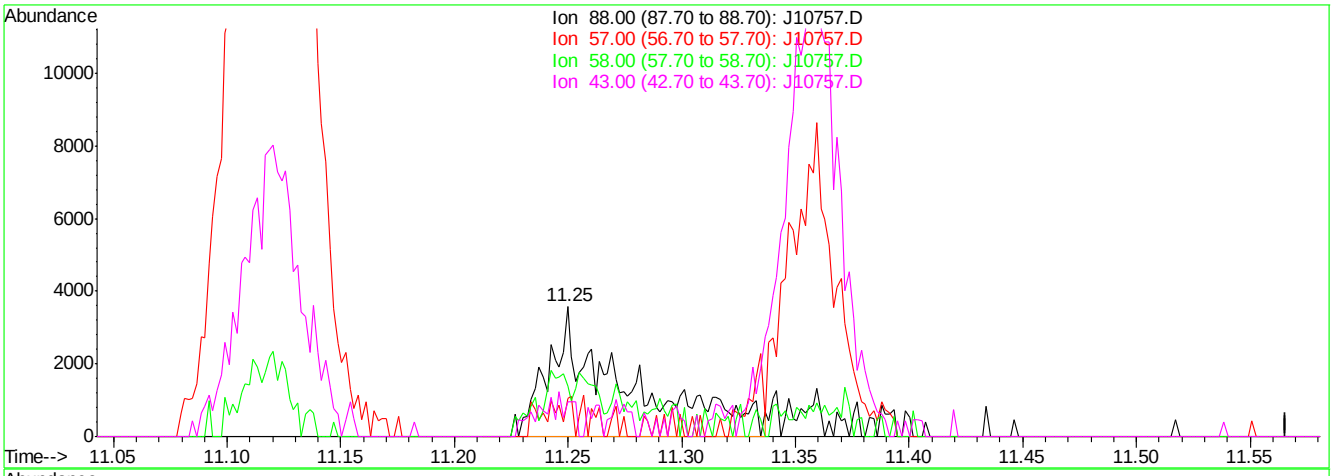
J10757.D J062507T.M Mon Jun 25 10:49:57 2007

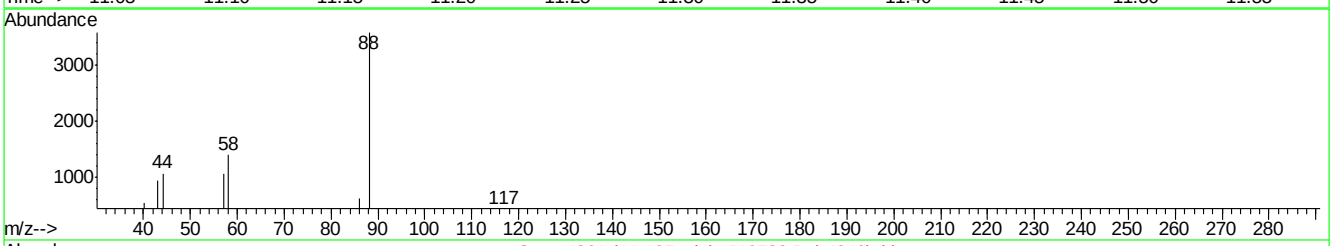
Quantitation Report (Qedit)

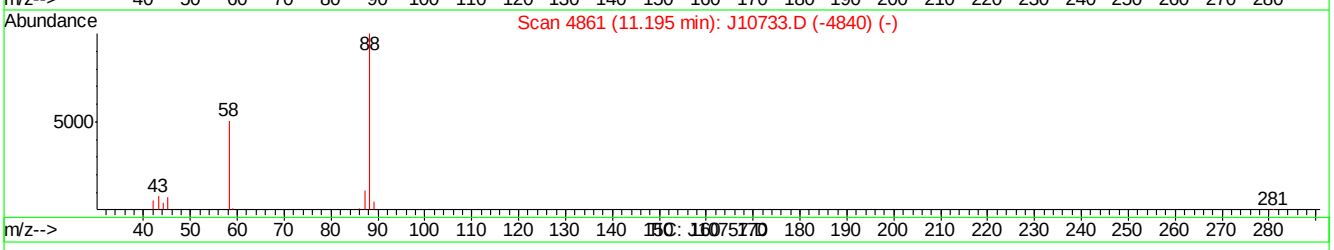
Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 10:46:29 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration







(42) 1,4-DIOXANE (m)

11.25min 0.38PPBV m

response 8305

Ion	Exp%	Act%
88.00	100	100
57.00	21.70	29.39
58.00	53.20	38.90
43.00	22.40	26.32

J10757.D J062507T.M Mon Jun 25 10:50:10 2007

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
06/27/07 12:10

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10758.D
Acq On : 25 Jun 2007 11:05 am
Operator : danat
Sample : ic557-0.2 (m141)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 11:53:11 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 10:46:18 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	410191	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.43	114	1809825	10.00	PPBV	-0.02
49) CHLOROBENZENE-D5	14.66	117	1513108	10.00	PPBV	-0.01
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.28	95	380172	4.05	PPBV	-0.02
Spiked Amount 5.000	Range 51 - 142		Recovery = 81.00%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	29029	0.22	PPBV	98
3) PROPYLENE	4.00	41	3157	0.16	PPBV #	74
4) FREON 114	4.33	85	25549	0.23	PPBV	94
5) CHLOROMETHANE	4.24	50	6469	0.24	PPBV	97
6) VINYL CHLORIDE	4.46	62	6708	0.21	PPBV	78
7) 1,3-BUTADIENE	4.59	39	3392m	0.14	PPBV	
8) BROMOMETHANE	4.86	94	6369	0.16	PPBV	80
9) CHLOROETHANE	5.03	64	2370	0.16	PPBV #	66
10) TRICHLOROFLUOROMETHANE	5.80	101	30665	0.22	PPBV	95
12) ACETONE	5.70	43	19927	0.38	PPBV	65
13) PENTANE	6.15	42	6321m	0.22	PPBV	
14) 1,1-DICHLOROETHYLENE	6.43	96	5731	0.15	PPBV #	79
15) CARBON DISULFIDE	6.85	76	23212	0.21	PPBV	95
17) BROMOETHENE	5.39	106	6298	0.16	PPBV #	93
18) METHYLENE CHLORIDE	6.55	84	26751	0.51	PPBV	91
19) 3-CHLOROPROPENE	6.66	39	3855	0.12	PPBV #	82
20) FREON 113	6.80	151	18939	0.21	PPBV	93
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	6122	0.16	PPBV	89
23) METHYL TERTIARY BUTYL ETHE	7.79	73	9918	0.12	PPBV	94
25) HEXANE	8.64	57	9490	0.20	PPBV	83
27) 1,1-DICHLOROETHANE	7.66	63	11274	0.17	PPBV	95
28) METHYL ETHYL KETONE	8.14	43	8365m	0.16	PPBV	
29) cis-1,2-DICHLOROETHYLENE	8.46	96	5752	0.15	PPBV	92
31) CHLOROFORM	8.74	83	17762	0.19	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.68	97	18709	0.17	PPBV	96
33) CARBON TETRACHLORIDE	10.26	117	23996	0.18	PPBV	98
34) 1,2-DICHLOROETHANE	9.44	62	8641	0.15	PPBV	97
36) BENZENE	10.12	78	11068	0.11	PPBV	96
38) TRICHLOROETHYLENE	11.11	95	7095	0.14	PPBV	92
39) 1,2-DICHLOROPROPANE	10.89	63	4538	0.14	PPBV	92
40) BROMODICHLOROMETHANE	11.09	83	14504	0.16	PPBV	100
48) 1,1,2-TRICHLOROETHANE	12.62	83	5154	0.16	PPBV	94
51) TETRACHLOROETHYLENE	14.00	164	7339	0.12	PPBV	97
52) DIBROMOCHLOROMETHANE	13.32	129	12348	0.14	PPBV	96
53) 1,2-DIBROMOETHANE	13.56	107	6887	0.12	PPBV #	94
54) CHLOROBENZENE	14.71	112	11911	0.13	PPBV	98
56) m,p-XYLENE	15.28	106	5280m	0.11	PPBV	
60) BROMOFORM	15.39	173	10150	0.12	PPBV	93
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	8023	0.11	PPBV	86
72) HEXACHLOROBUTADIENE	20.76	225	6658	0.10	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10758.D
Acq On : 25 Jun 2007 11:05 am
Operator : danat
Sample : ic557-0.2 (m141)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 11:53:11 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 10:46:18 2007
Response via : Initial Calibration

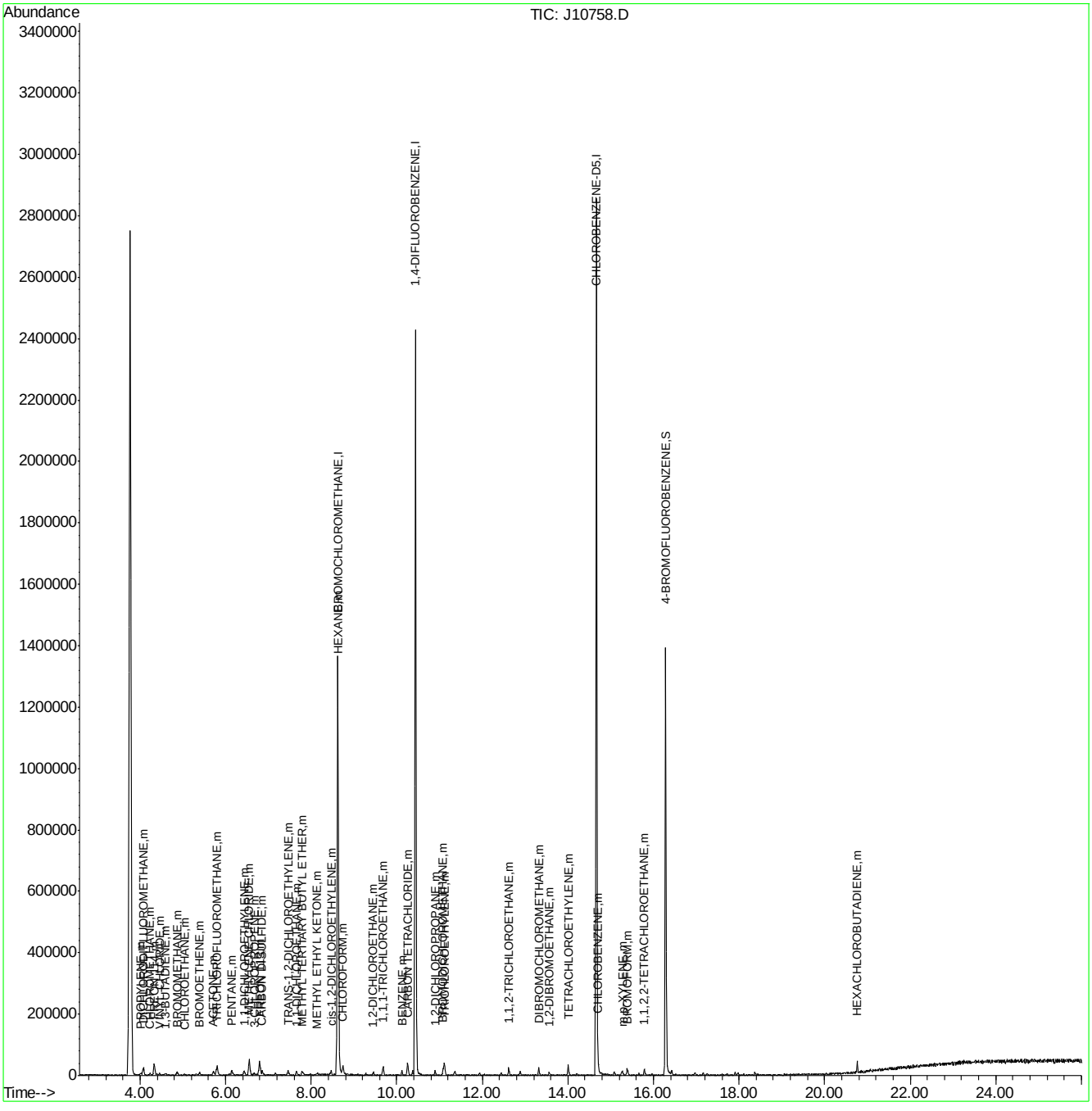
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10758.D
Acq On : 25 Jun 2007 11:05 am
Operator : danat
Sample : ic557-0.2 (m141)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 11:53:11 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 10:46:18 2007
Response via : Initial Calibration

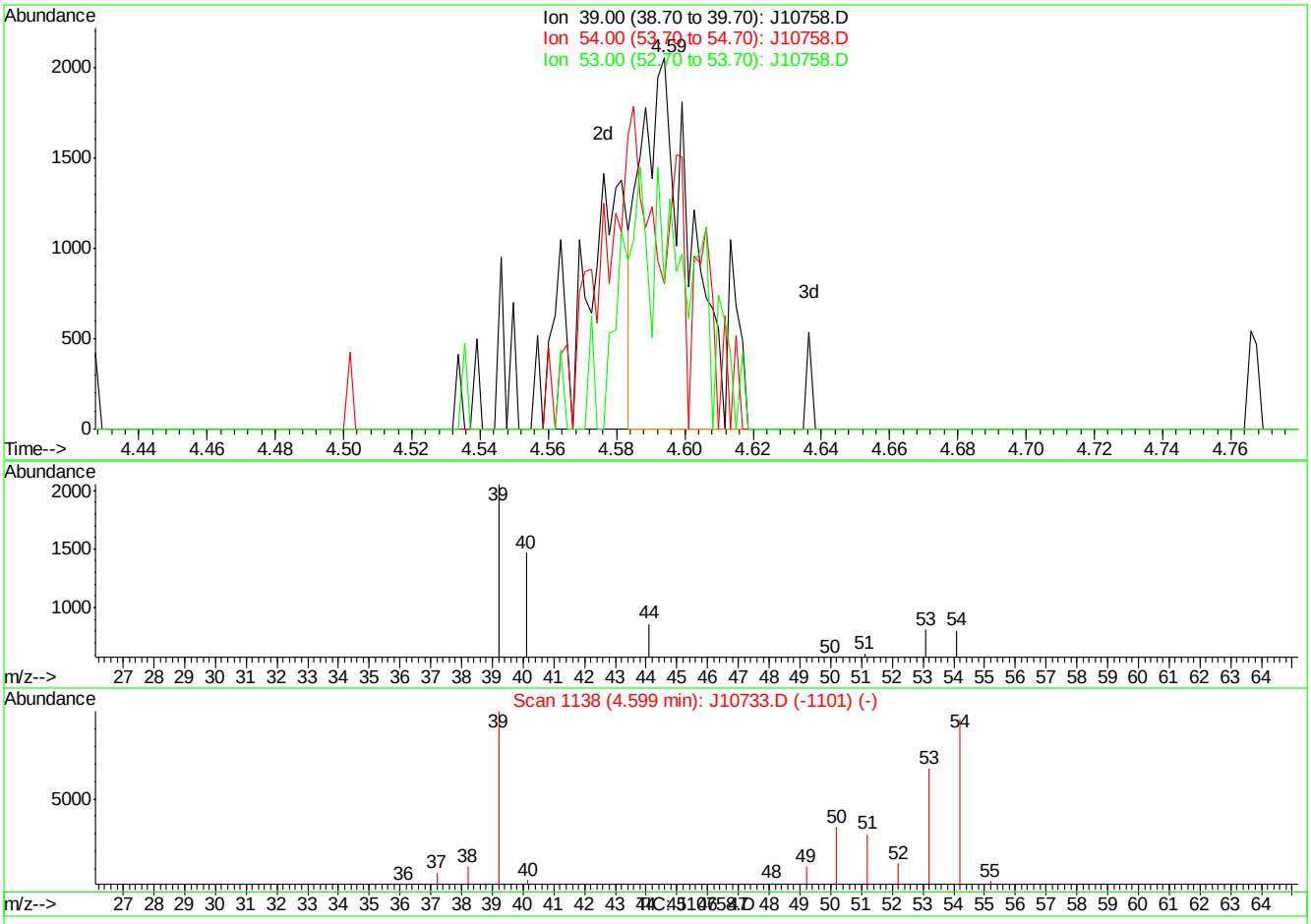


Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10758.D Vial: 2
Acq On : 25 Jun 2007 11:05 am Operator: danat
Sample : ic557-0.2 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 11:48:28 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration



(7) 1,3-BUTADIENE (m)

4.59min 0.10PPBV

response 2273

Ion	Exp%	Act%
39.00	100	100
54.00	93.50	101.54
53.00	66.30	88.65#
0.00	0.00	0.00

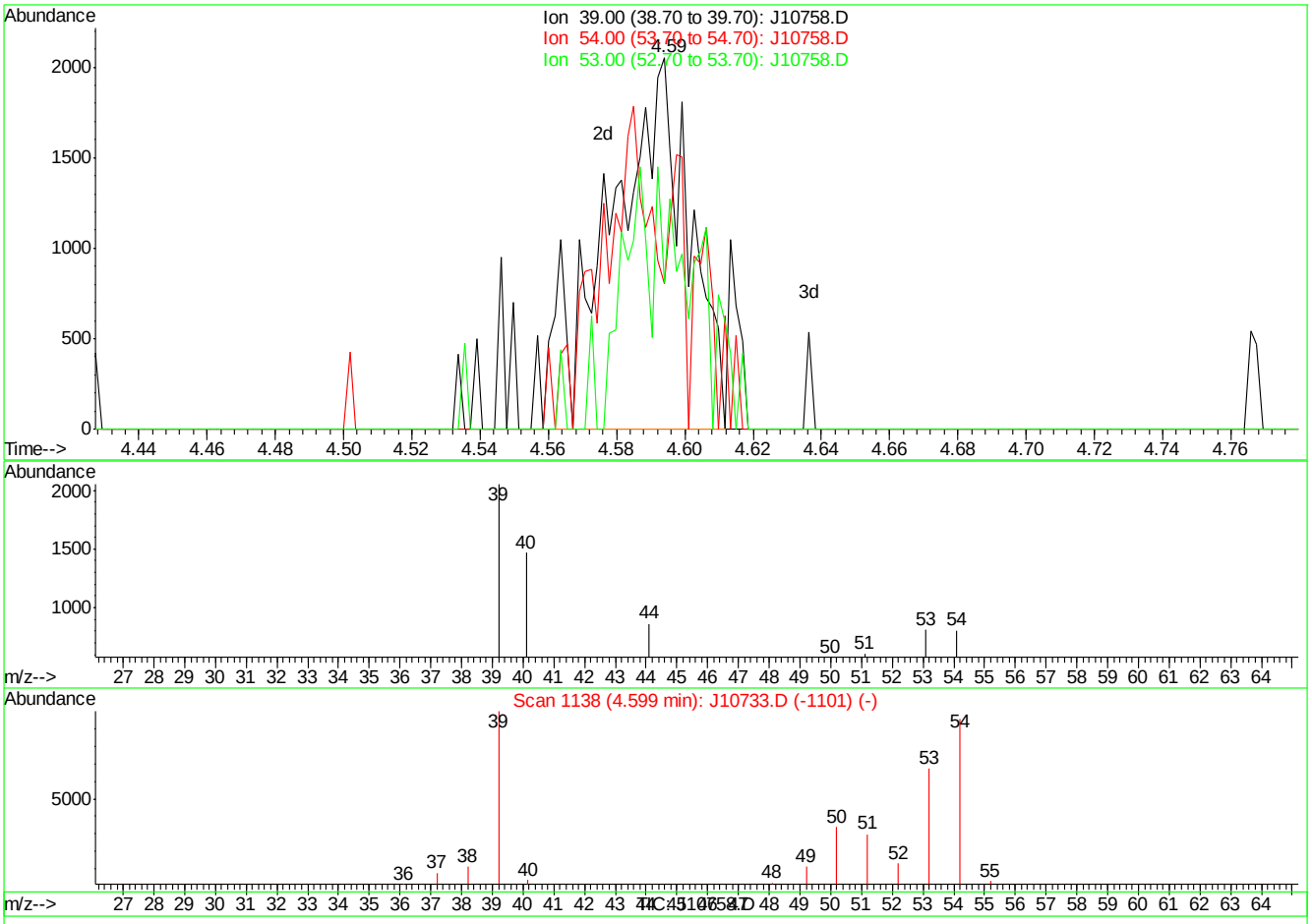
J10758.D J062507T.M Mon Jun 25 11:49:01 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10758.D Vial: 2
Acq On : 25 Jun 2007 11:05 am Operator: danat
Sample : ic557-0.2 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 11:48:28 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration



(7) 1,3-BUTADIENE (m)

4.59min 0.14PPBV m

response 3392

Ion	Exp%	Act%
39.00	100	100
54.00	93.50	68.04#
53.00	66.30	59.40
0.00	0.00	0.00

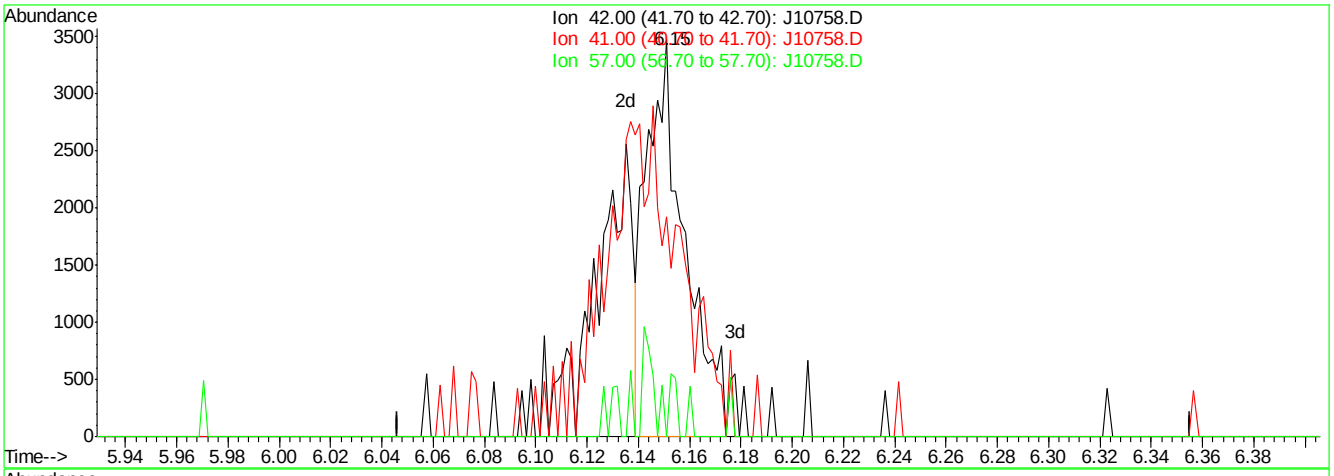
J10758.D J062507T.M Mon Jun 25 11:49:09 2007

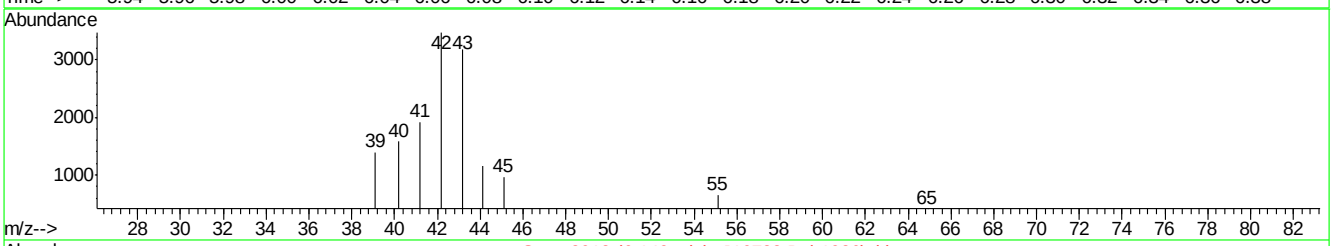
Quantitation Report (Qedit)

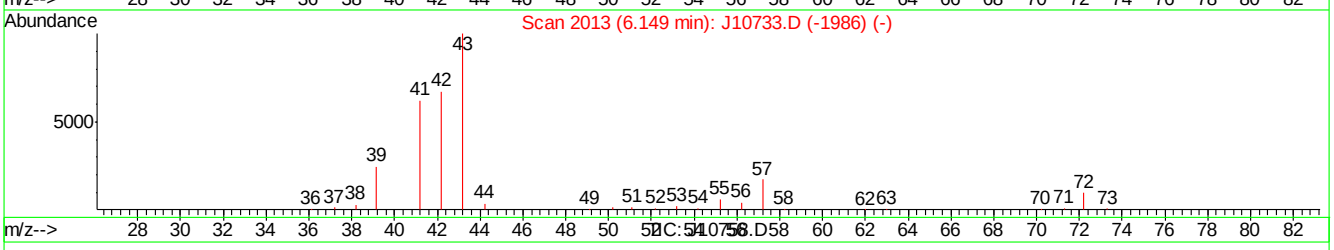
Data File : C:\MSDChem\1\data\J10758.D Vial: 2
Acq On : 25 Jun 2007 11:05 am Operator: danat
Sample : ic557-0.2 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 11:48:28 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration







(13) PENTANE (m)

6.15min 0.12PPBV

response 3605

Ion	Exp%	Act%
42.00	100	100
41.00	98.50	159.72#
57.00	25.90	12.40
0.00	0.00	0.00

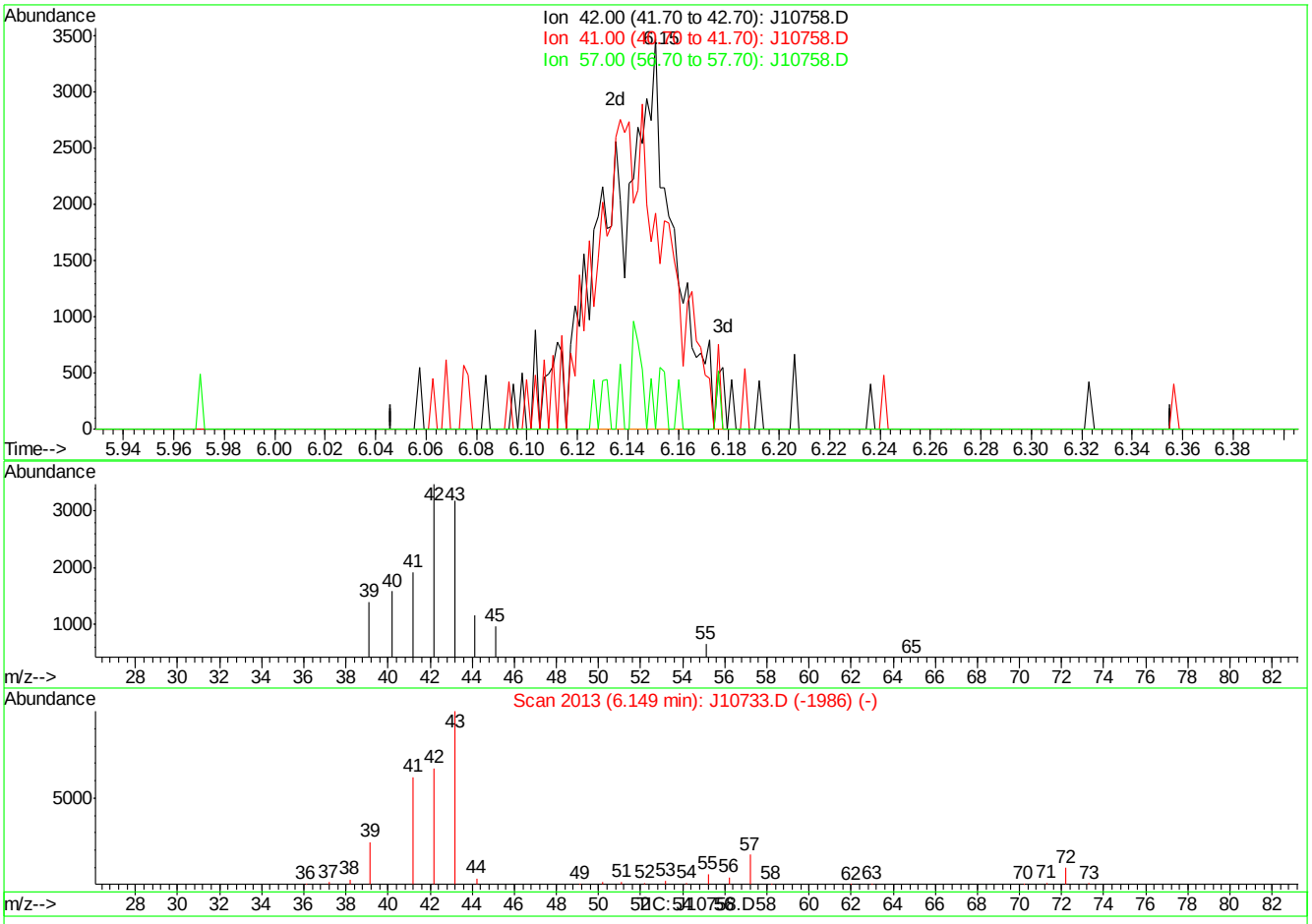
J10758.D J062507T.M Mon Jun 25 11:49:31 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10758.D Vial: 2
Acq On : 25 Jun 2007 11:05 am Operator: danat
Sample : ic557-0.2 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 11:48:28 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration



(13) PENTANE (m)

6.15min 0.22PPBV m

response 6321

Ion	Exp%	Act%
42.00	100	100
41.00	98.50	91.09
57.00	25.90	7.07
0.00	0.00	0.00

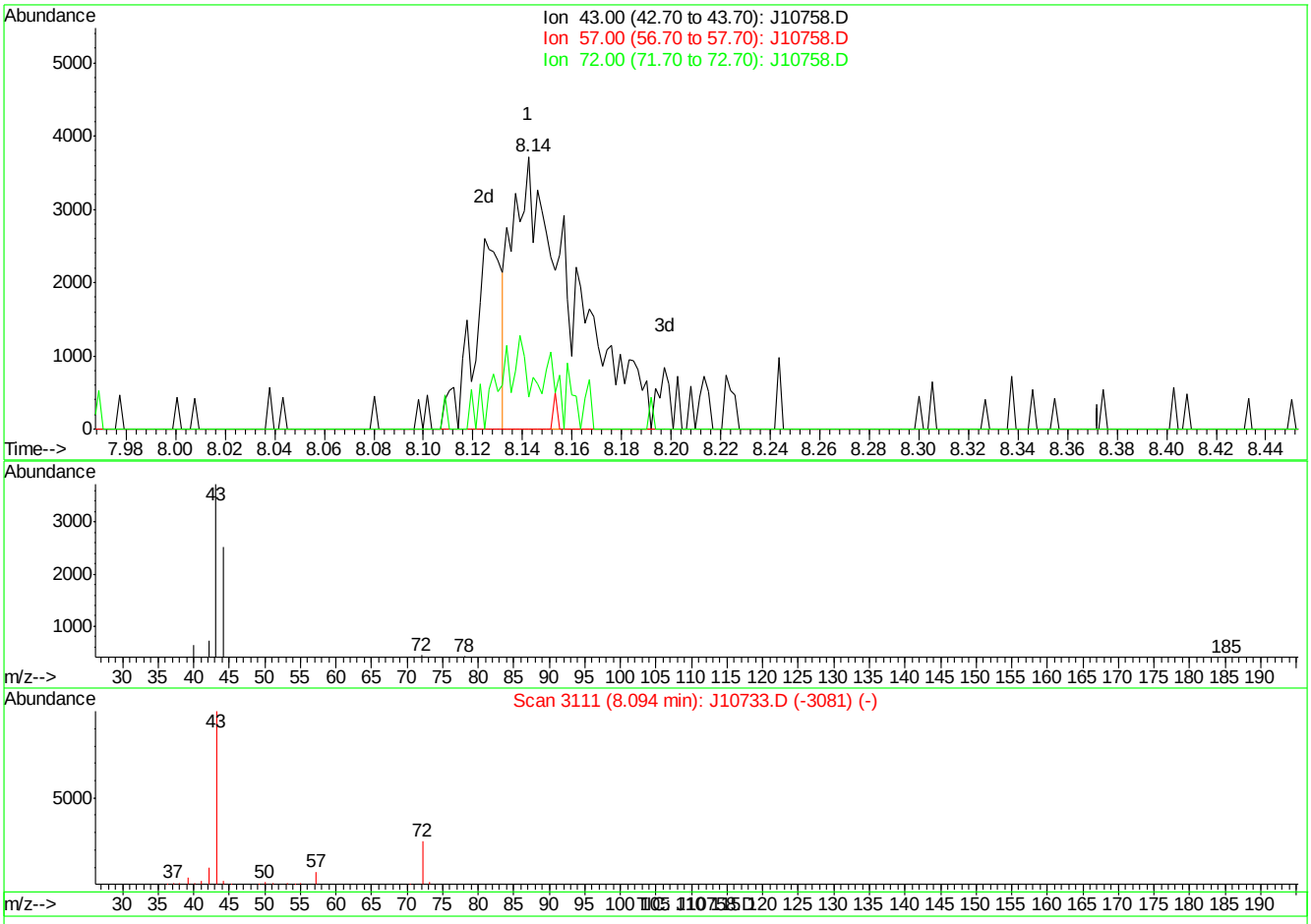
J10758.D J062507T.M Mon Jun 25 11:49:39 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10758.D Vial: 2
Acq On : 25 Jun 2007 11:05 am Operator: danat
Sample : ic557-0.2 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 11:48:28 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration



(28) METHYL ETHYL KETONE (m)

8.14min 0.12PPBV

response 6487

Ion	Exp%	Act%
43.00	100	100
57.00	7.50	0.00
72.00	24.80	11.87
0.00	0.00	0.00

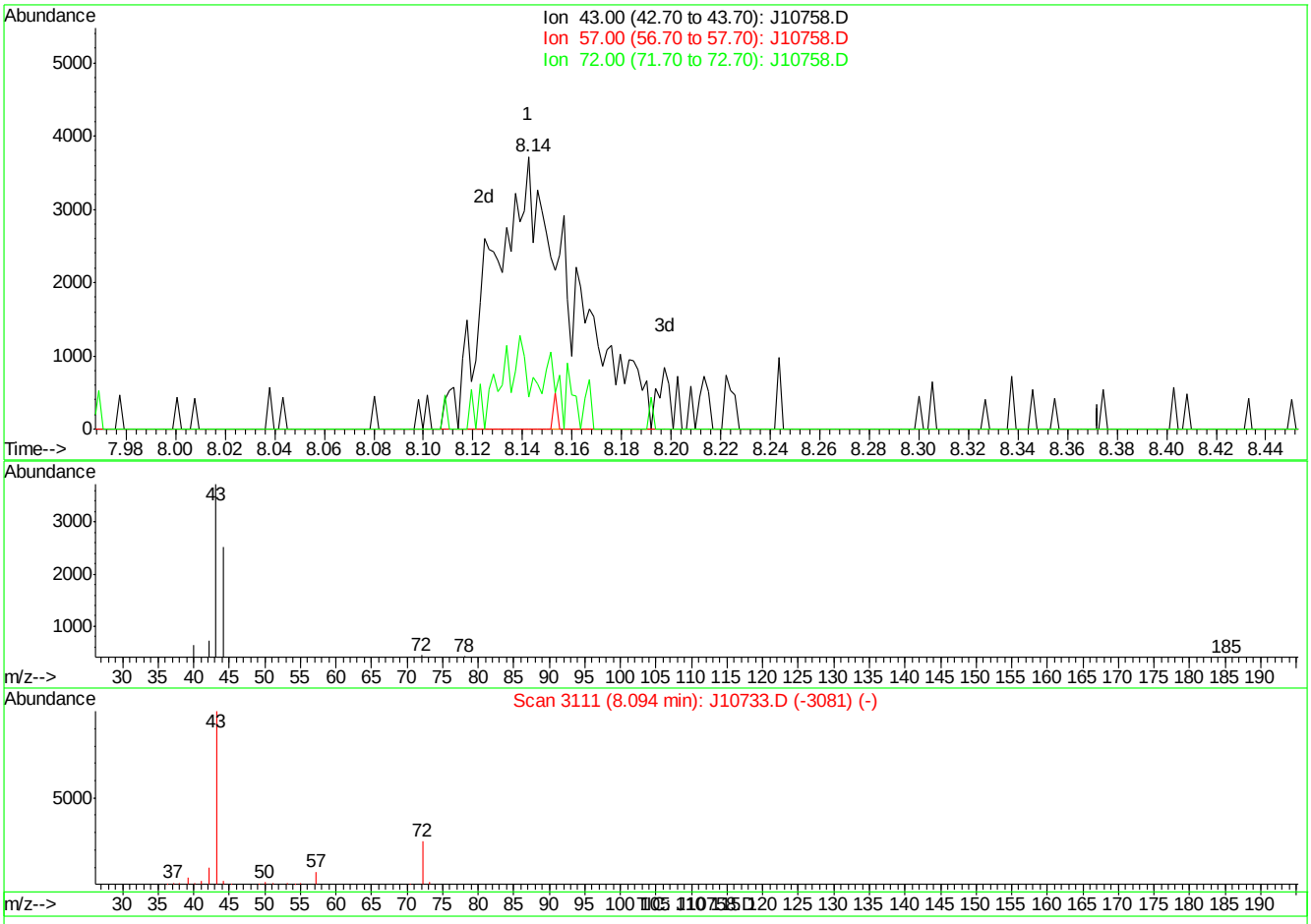
J10758.D J062507T.M Mon Jun 25 11:50:19 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10758.D Vial: 2
Acq On : 25 Jun 2007 11:05 am Operator: danat
Sample : ic557-0.2 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 11:48:28 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration



(28) METHYL ETHYL KETONE (m)

8.14min 0.16PPBV m

response 8365

Ion	Exp%	Act%
43.00	100	100
57.00	7.50	0.00
72.00	24.80	11.87
0.00	0.00	0.00

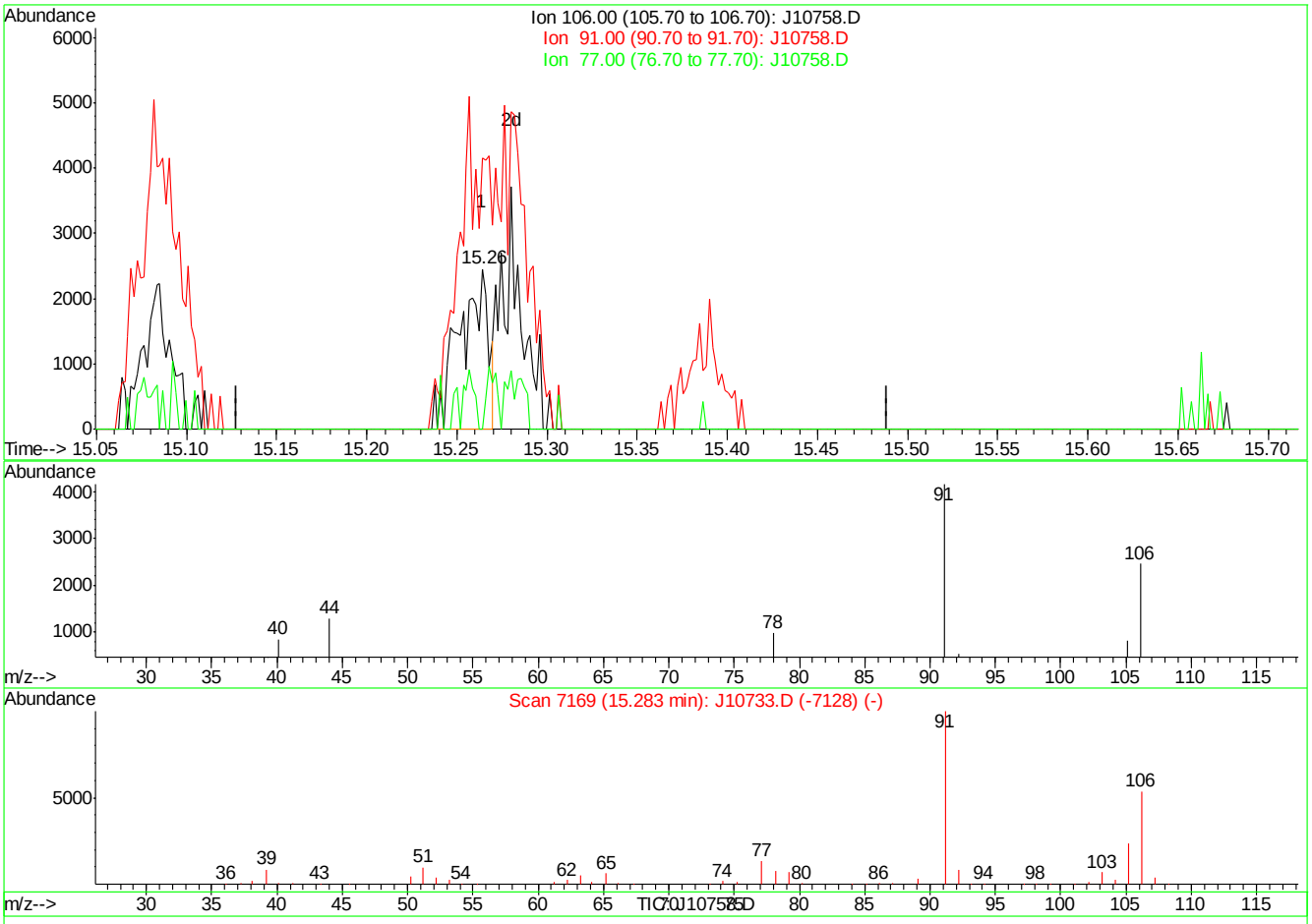
J10758.D J062507T.M Mon Jun 25 11:50:25 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10758.D Vial: 2
Acq On : 25 Jun 2007 11:05 am Operator: danat
Sample : ic557-0.2 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 11:48:28 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration



(56) m,p-XYLENE (m)

15.26min 0.06PPBV

response 2674

Ion	Exp%	Act%
106.00	100	100
91.00	186.60	169.16
77.00	24.80	0.00#
0.00	0.00	0.00

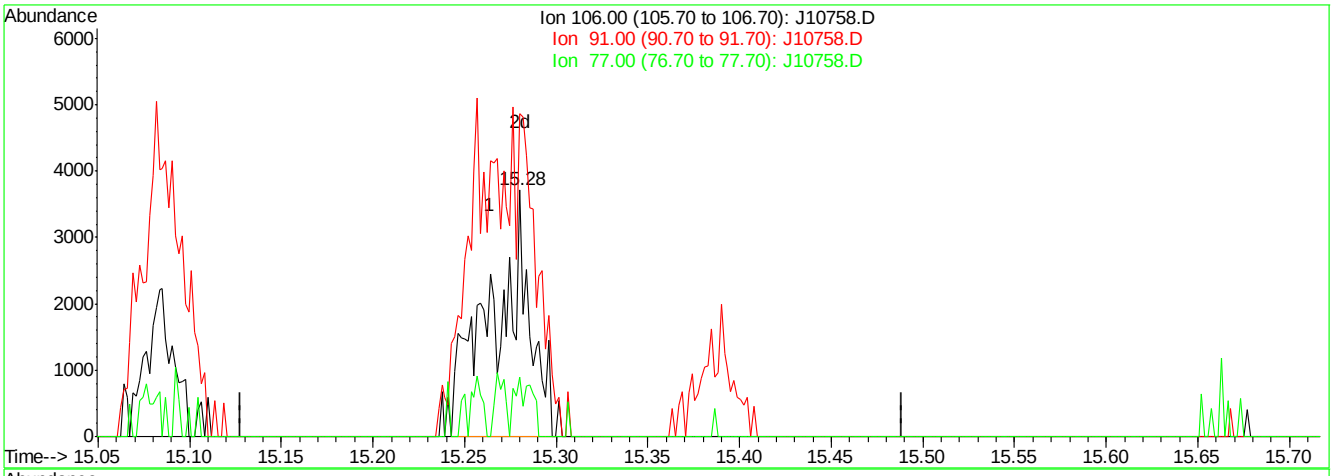
J10758.D J062507T.M Mon Jun 25 11:52:03 2007

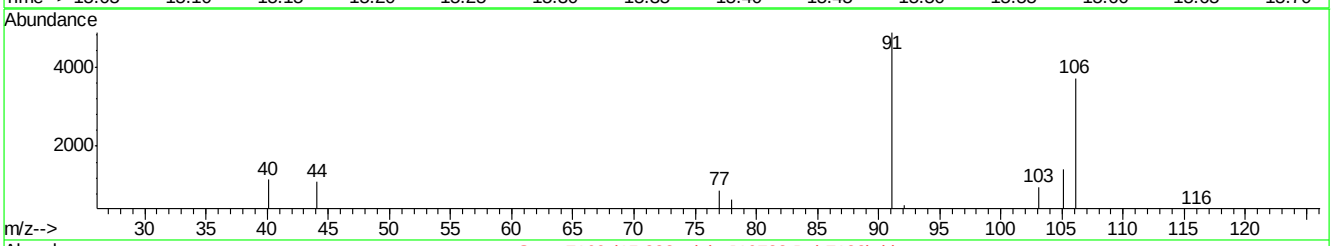
Quantitation Report (Qedit)

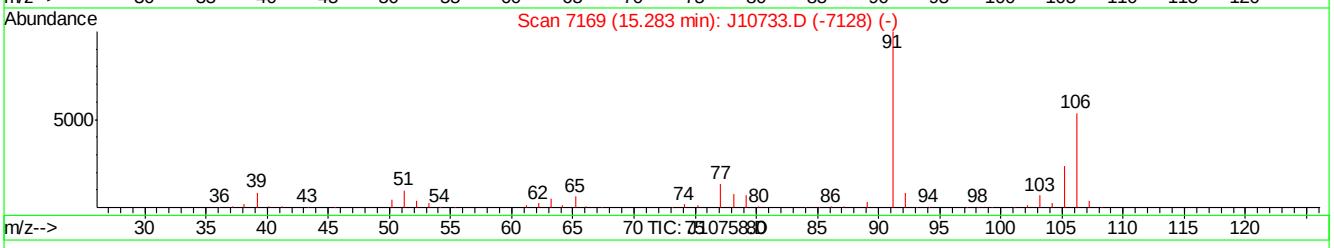
Data File : C:\MSDChem\1\data\J10758.D Vial: 2
Acq On : 25 Jun 2007 11:05 am Operator: danat
Sample : ic557-0.2 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 11:48:28 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration







(56) m,p-XYLENE (m)

15.28min 0.11PPBV m

response 5280

Ion	Exp%	Act%
106.00	100	100
91.00	186.60	130.78#
77.00	24.80	24.02
0.00	0.00	0.00

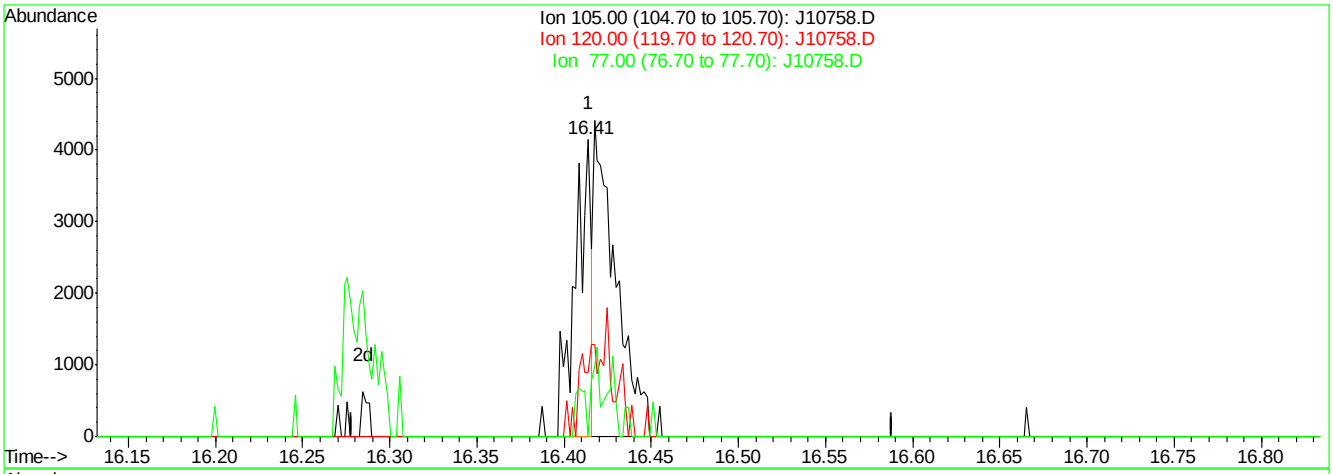
J10758.D J062507T.M Mon Jun 25 11:52:13 2007

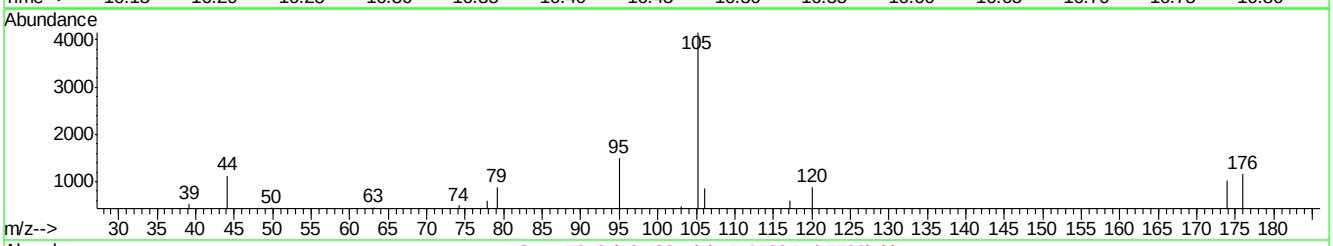
Quantitation Report (Qedit)

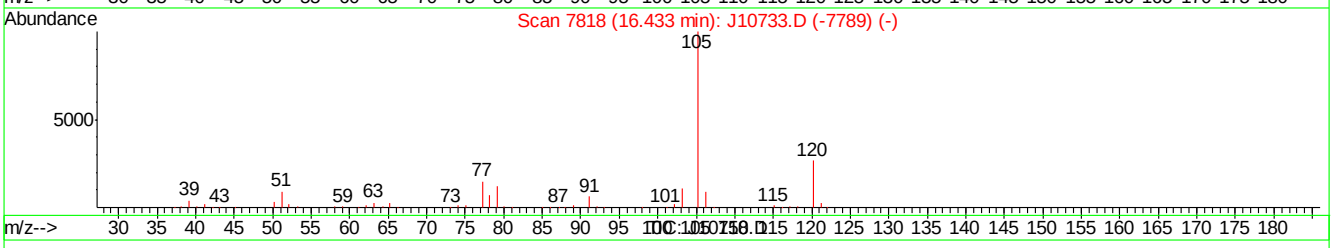
Data File : C:\MSDChem\1\data\J10758.D Vial: 2
Acq On : 25 Jun 2007 11:05 am Operator: danat
Sample : ic557-0.2 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 11:48:28 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration







(63) ISOPROPYLBENZENE (m)

16.41min 0.02PPBV

response 2618

Ion	Exp%	Act%
105.00	100	100
120.00	26.40	67.19#
77.00	15.20	41.14#
0.00	0.00	0.00

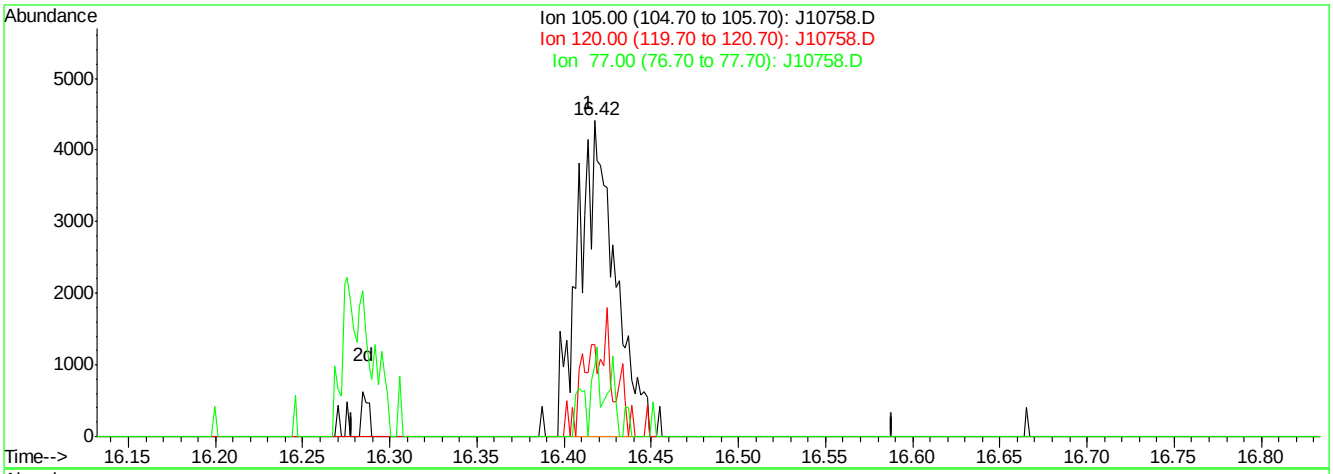
J10758.D J062507T.M Mon Jun 25 11:52:30 2007

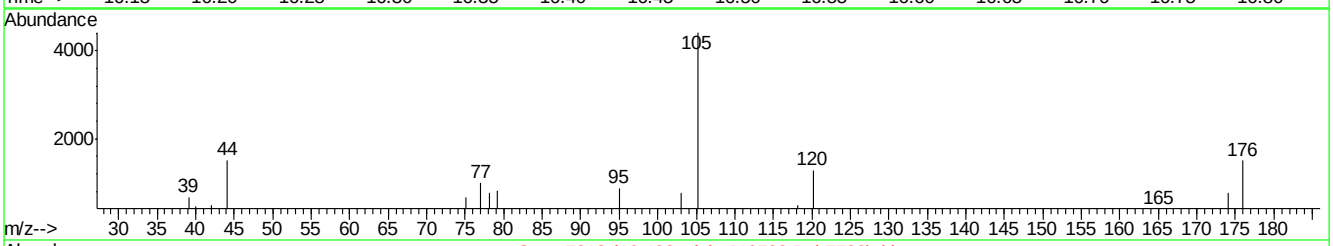
Quantitation Report (Qedit)

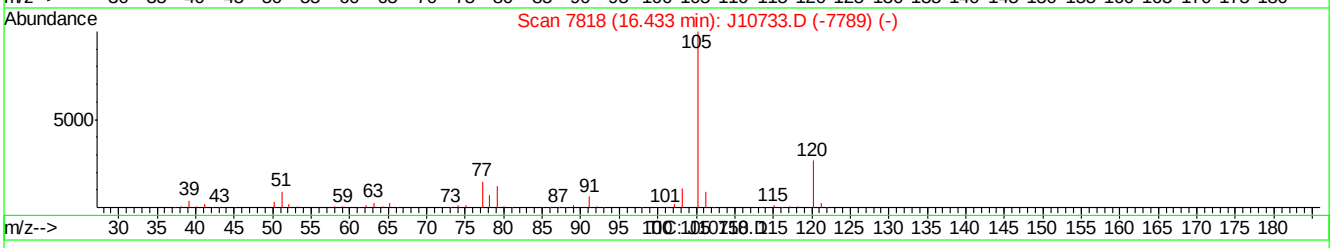
Data File : C:\MSDChem\1\data\J10758.D Vial: 2
Acq On : 25 Jun 2007 11:05 am Operator: danat
Sample : ic557-0.2 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 11:48:28 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration







(63) ISOPROPYLBENZENE (m)

16.42min 0.04PPBV m

response 6411

Ion	Exp%	Act%
105.00	100	100
120.00	26.40	27.44
77.00	15.20	16.80
0.00	0.00	0.00

J10758.D J062507T.M Mon Jun 25 11:52:36 2007

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 06/27/07 12:10

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10760.D
Acq On : 25 Jun 2007 12:42 pm
Operator : danat
Sample : ic557-40 (m172)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 13:10:57 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 10:46:18 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.64	128	426129	10.00	PPBV	0.01
35) 1,4-DIFLUOROBENZENE	10.47	114	1871381	10.00	PPBV	0.01
49) CHLOROBENZENE-D5	14.70	117	1859953	10.00	PPBV	0.02
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.32	95	679558	5.88	PPBV	0.02
Spiked Amount 5.000	Range 51 - 142		Recovery	= 117.60%		
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	5739971	42.20	PPBV	99
3) PROPYLENE	4.00	41	955600	47.72	PPBV	93
4) FREON 114	4.33	85	4966854	42.19	PPBV	97
5) CHLOROMETHANE	4.24	50	1220597	44.04	PPBV	99
6) VINYL CHLORIDE	4.45	62	1464351	45.11	PPBV	98
7) 1,3-BUTADIENE	4.59	39	1162057	47.30	PPBV	94
8) BROMOMETHANE	4.86	94	1640422	40.56	PPBV	99
9) CHLOROETHANE	5.03	64	698034	44.59	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.80	101	5977808	40.70	PPBV	99
11) ISOPROPYL ALCOHOL	6.03	45	1811520	37.99	PPBV	97
12) ACETONE	5.66	43	1904223	35.22	PPBV	97
13) PENTANE	6.14	42	1286210	42.48	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.43	96	1672764	40.98	PPBV	92
15) CARBON DISULFIDE	6.85	76	4604238	39.80	PPBV	98
16) ETHANOL	5.23	45	304782	36.89	PPBV	58
17) BROMOETHENE	5.39	106	1704216	41.98	PPBV	99
18) METHYLENE CHLORIDE	6.55	84	1497231	27.58	PPBV	93
19) 3-CHLOROPROPENE	6.67	39	1661734	49.78	PPBV #	23
20) FREON 113	6.80	151	3767248	39.44	PPBV	95
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	1665867	41.18	PPBV	96
22) TERTIARY BUTYL ALCOHOL	6.65	59	2401432m	44.15	PPBV	
23) METHYL TERTIARY BUTYL ETHE	7.74	73	3541877	40.52	PPBV	97
24) TETRAHYDROFURAN	9.18	42	1109159	40.85	PPBV	94
25) HEXANE	8.64	57	1799281	36.17	PPBV	98
26) VINYL ACETATE	7.82	43	2302424	45.10	PPBV	98
27) 1,1-DICHLOROETHANE	7.67	63	2807935	40.98	PPBV	99
28) METHYL ETHYL KETONE	8.10	43	2086384	38.64	PPBV	99
29) cis-1,2-DICHLOROETHYLENE	8.47	96	1664593	41.24	PPBV	98
30) ETHYL ACETATE	8.72	43	2333918	40.76	PPBV	99
31) CHLOROFORM	8.77	83	3866989	38.83	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.70	97	4719110	41.73	PPBV	99
33) CARBON TETRACHLORIDE	10.27	117	5697392	41.34	PPBV	99
34) 1,2-DICHLOROETHANE	9.48	62	2374213	40.99	PPBV	100
36) BENZENE	10.14	78	4200205	41.45	PPBV	99
37) CYCLOHEXANE	10.38	84	1948520	39.92	PPBV	97
38) TRICHLOROETHYLENE	11.14	95	2235741	42.70	PPBV	99
39) 1,2-DICHLOROPROPANE	10.93	63	1414430	43.39	PPBV	99
40) BROMODICHLOROMETHANE	11.12	83	3891184	42.50	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.14	57	6933394	44.65	PPBV	99
42) 1,4-DIOXANE	11.20	88	746308	34.04	PPBV	91
43) HEPTANE	11.38	43	2196584	44.45	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10760.D
Acq On : 25 Jun 2007 12:42 pm
Operator : danat
Sample : ic557-40 (m172)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 13:10:57 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 10:46:18 2007
Response via : Initial Calibration

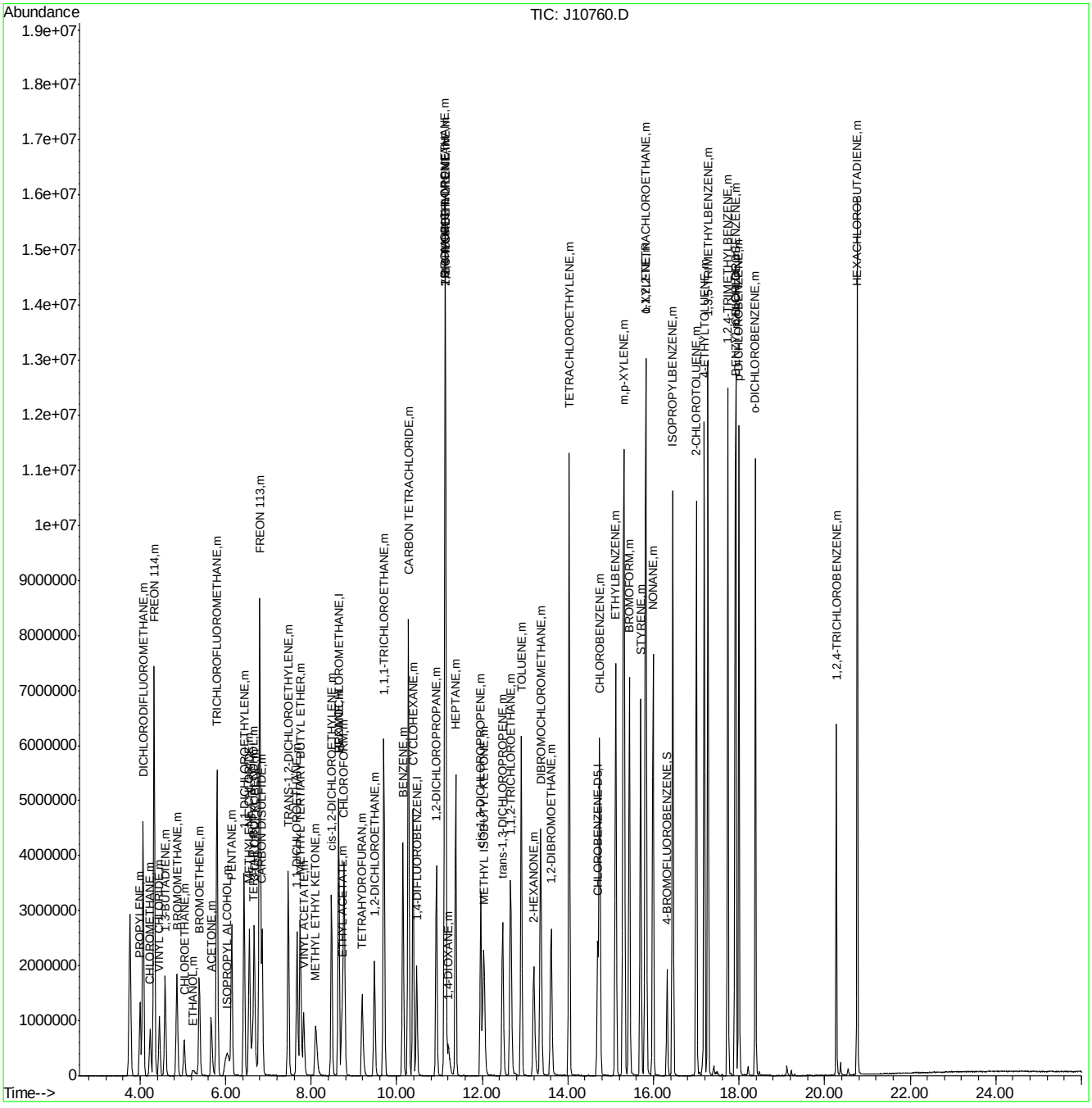
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	12.03	43	2669104	45.25	PPBV		98
45) cis-1,3-DICHLOROPROPENE	11.96	75	2235612	44.72	PPBV		97
46) TOLUENE	12.91	92	3175409	48.29	PPBV		99
47) trans-1,3-DICHLOROPROPENE	12.47	75	2268217	47.63	PPBV	#	76
48) 1,1,2-TRICHLOROETHANE	12.66	83	1472943	43.09	PPBV		97
50) 2-HEXANONE	13.20	43	2332082	42.00	PPBV		99
51) TETRACHLOROETHYLENE	14.03	164	2890901	39.09	PPBV		99
52) DIBROMOCHLOROMETHANE	13.36	129	3987536	37.67	PPBV		99
53) 1,2-DIBROMOETHANE	13.61	107	2895955	40.29	PPBV	#	6
54) CHLOROBENZENE	14.74	112	4522404	40.79	PPBV		99
55) ETHYLBENZENE	15.12	91	7044248	47.82	PPBV		100
56) m,p-XYLENE	15.31	106	5905076	100.96	PPBV		96
57) o-XYLENE	15.81	106	3011361	51.64	PPBV		98
58) STYRENE	15.70	104	4310775	58.26	PPBV		99
59) NONANE	15.99	43	3096489	55.12	PPBV		99
60) BROMOFORM	15.44	173	4408132	42.63	PPBV	#	40
62) 1,1,2,2-TETRACHLOROETHANE	15.83	83	3780908	42.27	PPBV		99
63) ISOPROPYLBENZENE	16.45	105	8599144	45.89	PPBV		99
64) 2-CHLOROTOLUENE	17.00	91	6102056	52.38	PPBV		99
65) 4-ETHYLTOLUENE	17.19	105	8351961	63.23	PPBV	#	99
66) 1,3,5-TRIMETHYLBENZENE	17.27	105	7391045	53.25	PPBV		99
67) 1,2,4-TRIMETHYLBENZENE	17.74	105	6983401	65.68	PPBV		99
68) m-DICHLOROBENZENE	17.92	146	5039073	59.60	PPBV		99
69) BENZYL CHLORIDE	17.90	91	4193954	68.65	PPBV		99
70) p-DICHLOROBENZENE	18.00	146	4795481	64.33	PPBV		99
71) o-DICHLOROBENZENE	18.38	146	4426002	57.56	PPBV		99
72) HEXACHLOROBUTADIENE	20.76	225	2729766	32.86	PPBV		99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	1696482	72.33	PPBV		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10760.D
Acq On : 25 Jun 2007 12:42 pm
Operator : danat
Sample : ic557-40 (m172)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 13:10:57 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 10:46:18 2007
Response via : Initial Calibration



J062507T.M Mon Jun 25 13:11:07 2007 Page: 3

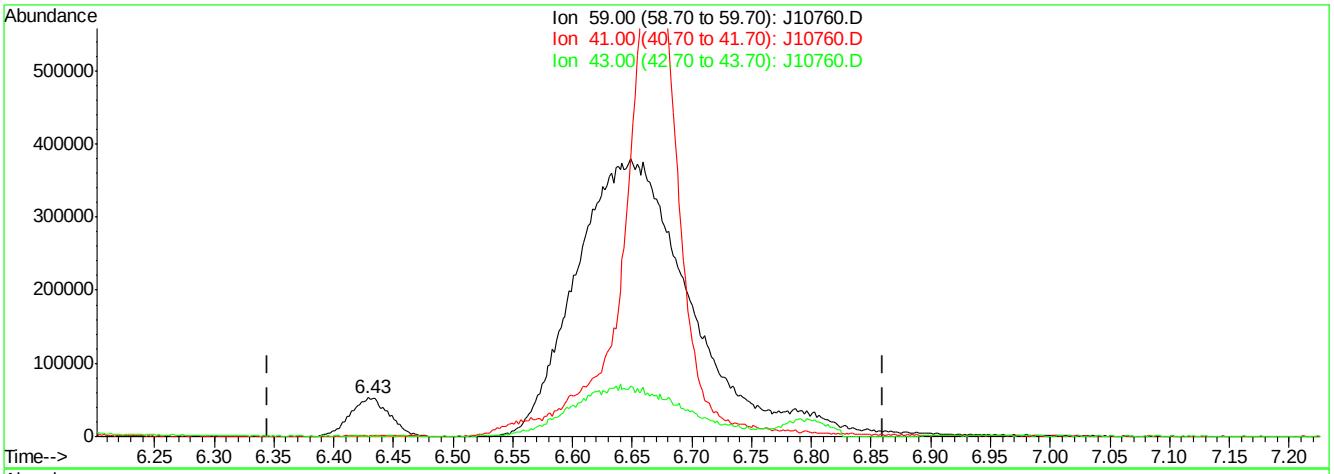
ACCUTEST Laboratories M65803

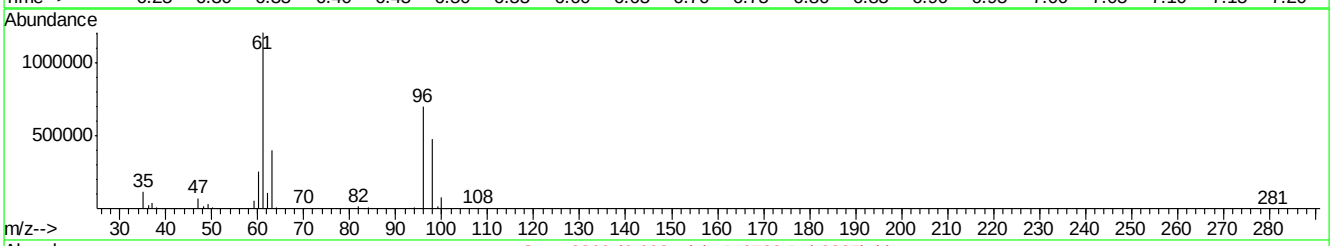
Quantitation Report (Qedit)

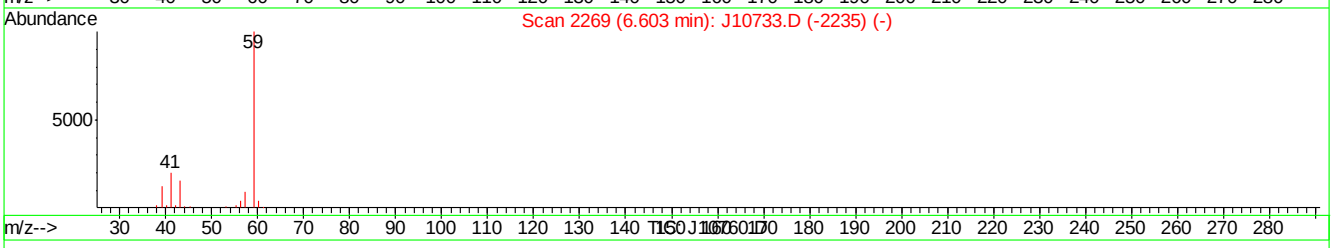
Data File : C:\MSDChem\1\data\J10760.D Vial: 3
Acq On : 25 Jun 2007 12:42 pm Operator: danat
Sample : ic557-40 (m172) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 13:09:34 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration







(22) TERTIARY BUTYL ALCOHOL (m)

6.43min 2.24PPBV

response 121781

Ion	Exp%	Act%
59.00	100	100
41.00	17.20	0.00
43.00	16.40	0.00
0.00	0.00	0.00

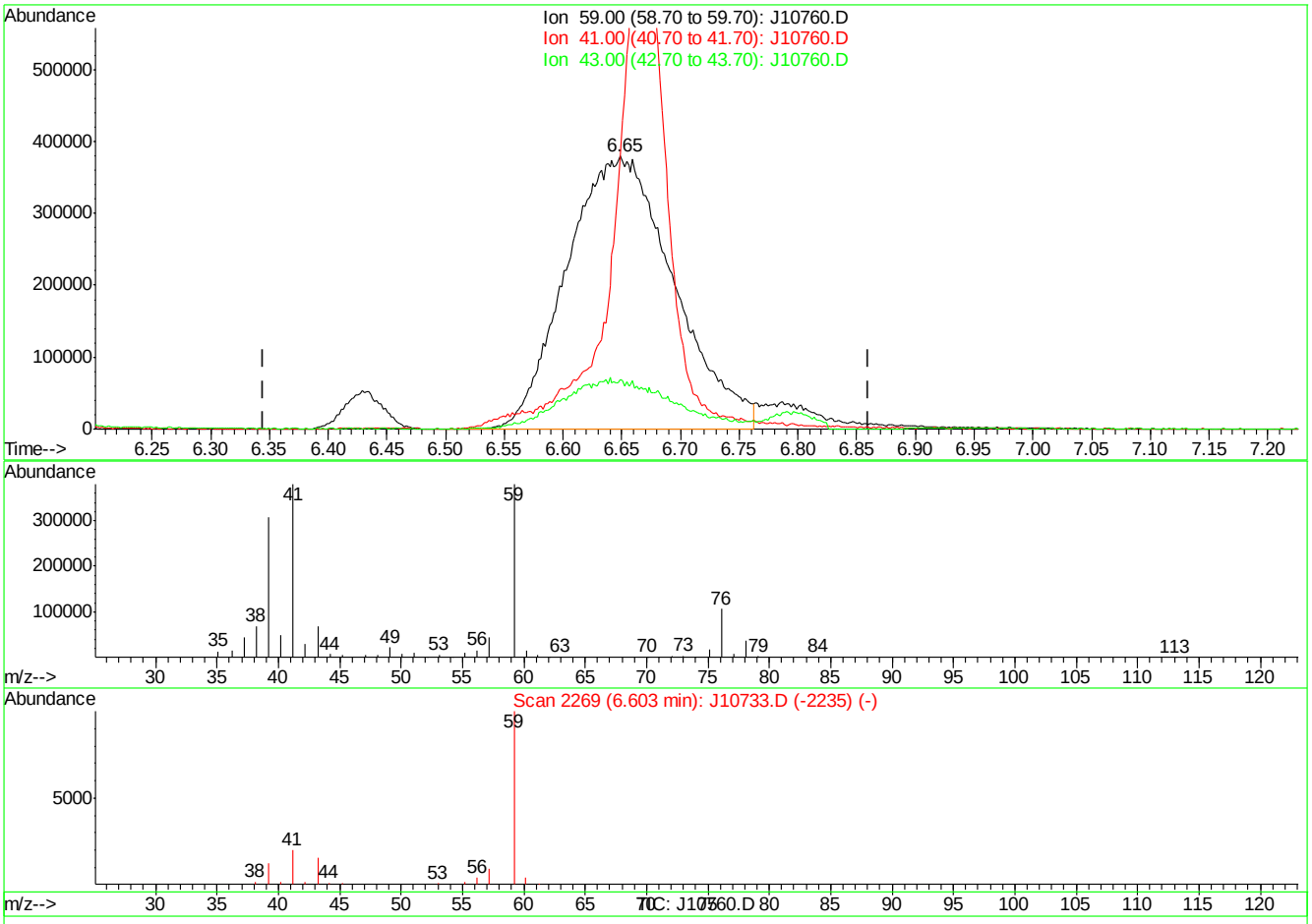
J10760.D J062507T.M Mon Jun 25 13:10:10 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10760.D Vial: 3
Acq On : 25 Jun 2007 12:42 pm Operator: danat
Sample : ic557-40 (m172) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 13:09:34 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration



(22) TERTIARY BUTYL ALCOHOL (m)

6.65min 44.15PPBV m

response 2401432

Ion	Exp%	Act%
59.00	100	100
41.00	17.20	0.00
43.00	16.40	0.00
0.00	0.00	0.00

J10760.D J062507T.M Mon Jun 25 13:10:18 2007

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10761.D
Acq On : 25 Jun 2007 1:59 pm
Operator : danat
Sample : ic557-20 (m172)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 14:27:27 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 10:46:18 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	454420	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.45	114	2027697	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.68	117	1910580	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.31	95	662038	5.58	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 111.60%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	2927277	20.18	PPBV	100
3) PROPYLENE	4.00	41	485428	22.73	PPBV	93
4) FREON 114	4.33	85	2729549	21.74	PPBV	96
5) CHLOROMETHANE	4.23	50	661157	22.37	PPBV	98
6) VINYL CHLORIDE	4.45	62	805928	23.28	PPBV	98
7) 1,3-BUTADIENE	4.58	39	621452	23.72	PPBV	97
8) BROMOMETHANE	4.86	94	936595	21.71	PPBV	99
9) CHLOROETHANE	5.03	64	385888	23.11	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.79	101	3182836	20.32	PPBV	99
11) ISOPROPYL ALCOHOL	6.00	45	1053347	20.71	PPBV	95
12) ACETONE	5.65	43	1038354	18.01	PPBV	98
13) PENTANE	6.13	42	691724	21.43	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.42	96	928608	21.33	PPBV	95
15) CARBON DISULFIDE	6.85	76	2511530	20.36	PPBV	99
16) ETHANOL	5.24	45	172527	19.58	PPBV #	46
17) BROMOETHENE	5.38	106	956978	22.10	PPBV	100
18) METHYLENE CHLORIDE	6.55	84	804777	13.90	PPBV	96
19) 3-CHLOROPROPENE	6.66	39	716147	20.12	PPBV	99
20) FREON 113	6.79	151	2023707	19.87	PPBV	95
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	869836	20.16	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.60	59	1384528	23.87	PPBV	86
23) METHYL TERTIARY BUTYL ETHE	7.74	73	1995957	21.41	PPBV	98
24) TETRAHYDROFURAN	9.18	42	596364	20.60	PPBV	95
25) HEXANE	8.64	57	948254	17.88	PPBV	99
26) VINYL ACETATE	7.81	43	1266802	23.27	PPBV	99
27) 1,1-DICHLOROETHANE	7.66	63	1448874	19.83	PPBV	99
28) METHYL ETHYL KETONE	8.09	43	1139241	19.79	PPBV	99
29) cis-1,2-DICHLOROETHYLENE	8.47	96	826762	19.21	PPBV	97
30) ETHYL ACETATE	8.70	43	1244197	20.37	PPBV	99
31) CHLOROFORM	8.76	83	1951286	18.37	PPBV	100
32) 1,1,1-TRICHLOROETHANE	9.69	97	2275823	18.87	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	2866212	19.50	PPBV	99
34) 1,2-DICHLOROETHANE	9.47	62	1217727	19.72	PPBV	99
36) BENZENE	10.13	78	2122452	19.33	PPBV	99
37) CYCLOHEXANE	10.38	84	1013712	19.17	PPBV	98
38) TRICHLOROETHYLENE	11.13	95	1098311	19.36	PPBV	100
39) 1,2-DICHLOROPROPANE	10.91	63	687089	19.45	PPBV	98
40) BROMODICHLOROMETHANE	11.10	83	1920622	19.36	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.13	57	3324777	19.76	PPBV	99
42) 1,4-DIOXANE	11.18	88	389131	16.38	PPBV	95
43) HEPTANE	11.37	43	1067203	19.93	PPBV	97

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10761.D
Acq On : 25 Jun 2007 1:59 pm
Operator : danat
Sample : ic557-20 (m172)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 14:27:27 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 10:46:18 2007
Response via : Initial Calibration

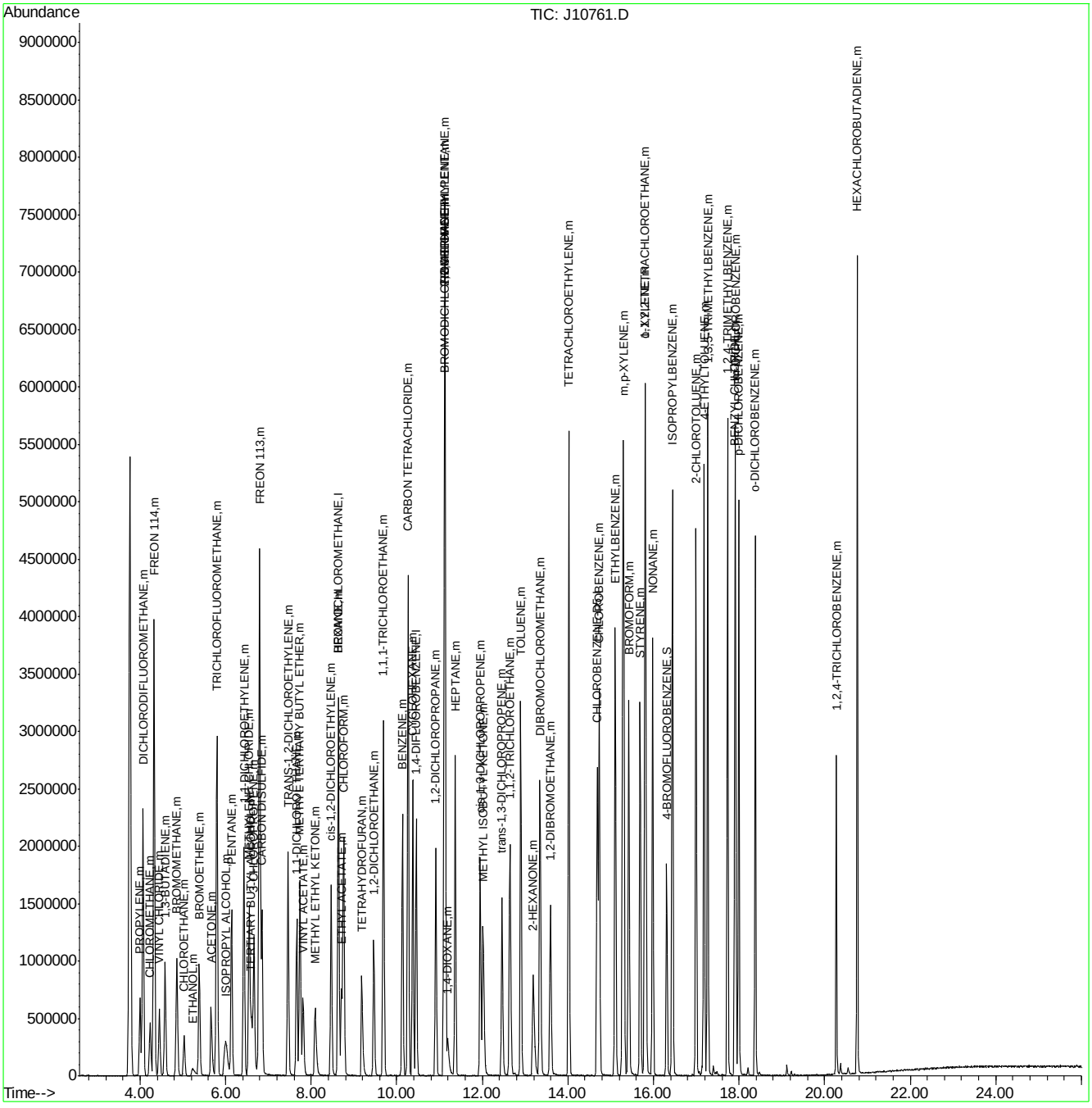
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	1328709	20.79	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.95	75	1134927	20.95	PPBV	99
46) TOLUENE	12.90	92	1555485	21.83	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.46	75	1116511	21.64	PPBV	100
48) 1,1,2-TRICHLOROETHANE	12.64	83	735367	19.85	PPBV	98
50) 2-HEXANONE	13.19	43	1101114	19.31	PPBV	98
51) TETRACHLOROETHYLENE	14.02	164	1376071	18.11	PPBV	99
52) DIBROMOCHLOROMETHANE	13.35	129	2009603	18.48	PPBV	100
53) 1,2-DIBROMOETHANE	13.59	107	1441605	19.53	PPBV	100
54) CHLOROBENZENE	14.73	112	2241251	19.68	PPBV	98
55) ETHYLBENZENE	15.10	91	3467143	22.91	PPBV	100
56) m,p-XYLENE	15.30	106	2845107	47.36	PPBV	93
57) o-XYLENE	15.80	106	1426570	23.82	PPBV	100
58) STYRENE	15.69	104	2007810	26.42	PPBV	99
59) NONANE	15.98	43	1460417	25.31	PPBV	99
60) BROMOFORM	15.42	173	2078269	19.57	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.81	83	1775445	19.32	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	4107649	21.34	PPBV	100
64) 2-CHLOROTOLUENE	16.99	91	2835921	23.70	PPBV	99
65) 4-ETHYLTOLUENE	17.18	105	3806406	28.05	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.27	105	3387077	23.76	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	3099470	28.38	PPBV	99
68) m-DICHLOROBENZENE	17.92	146	2170042	24.99	PPBV	99
69) BENZYL CHLORIDE	17.90	91	1751353	27.91	PPBV	99
70) p-DICHLOROBENZENE	17.99	146	2074835	27.10	PPBV	100
71) o-DICHLOROBENZENE	18.38	146	1882975	23.84	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	1234888	14.47	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	751691	31.20	PPBV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10761.D
Acq On : 25 Jun 2007 1:59 pm
Operator : danat
Sample : ic557-20 (m172)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 14:27:27 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 10:46:18 2007
Response via : Initial Calibration



ACCUTEST Laboratories
M65803

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 06/27/07 12:10

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10762.D
Acq On : 25 Jun 2007 2:46 pm
Operator : danat
Sample : icc557-10 (m172)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 15:23:25 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 14:28:31 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	435479	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.45	114	1969866	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1764652m	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.30	95	583931	5.34	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 106.80%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	1350686	8.27	PPBV	100
3) PROPYLENE	4.00	41	220095	9.48	PPBV	93
4) FREON 114	4.32	85	1173284	8.28	PPBV	96
5) CHLOROMETHANE	4.23	50	287355	8.12	PPBV	96
6) VINYL CHLORIDE	4.45	62	345667	8.64	PPBV	98
7) 1,3-BUTADIENE	4.58	39	258505	9.32	PPBV	99
8) BROMOMETHANE	4.86	94	404909	9.08	PPBV	99
9) CHLOROETHANE	5.03	64	167579	9.27	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.79	101	1401103	8.20	PPBV	99
11) ISOPROPYL ALCOHOL	5.98	45	463083	8.76	PPBV	99
12) ACETONE	5.66	43	444757	4.08	PPBV	99
13) PENTANE	6.13	42	301926	6.60	PPBV	100
14) 1,1-DICHLOROETHYLENE	6.42	96	406910	9.56	PPBV	94
15) CARBON DISULFIDE	6.85	76	1127717	8.52	PPBV	99
16) ETHANOL	5.23	45	73337	7.06	PPBV #	42
17) BROMOETHENE	5.38	106	414946	9.65	PPBV	99
18) METHYLENE CHLORIDE	6.55	84	373389	3.98	PPBV	95
19) 3-CHLOROPROPENE	6.66	39	285284	8.15	PPBV	97
20) FREON 113	6.79	151	871991	8.09	PPBV	93
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	386503	9.37	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.57	59	624283	10.78	PPBV	93
23) METHYL TERTIARY BUTYL ETHE	7.73	73	852899	10.11	PPBV	98
24) TETRAHYDROFURAN	9.18	42	249443	9.30	PPBV	96
25) HEXANE	8.63	57	408666	7.43	PPBV	97
26) VINYL ACETATE	7.81	43	503064	8.18	PPBV	98
27) 1,1-DICHLOROETHANE	7.66	63	608748	8.39	PPBV	99
28) METHYL ETHYL KETONE	8.08	43	483306	8.77	PPBV	97
29) cis-1,2-DICHLOROETHYLENE	8.46	96	354210	8.87	PPBV	98
30) ETHYL ACETATE	8.70	43	520452	9.21	PPBV	94
31) CHLOROFORM	8.75	83	841439	8.09	PPBV	100
32) 1,1,1-TRICHLOROETHANE	9.68	97	994473	8.38	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	1282101	8.72	PPBV	100
34) 1,2-DICHLOROETHANE	9.45	62	499568	8.46	PPBV	99
36) BENZENE	10.12	78	875102	9.27	PPBV	99
37) CYCLOHEXANE	10.37	84	442296	9.26	PPBV	96
38) TRICHLOROETHYLENE	11.12	95	474105	8.98	PPBV	98
39) 1,2-DICHLOROPROPANE	10.90	63	286039	8.83	PPBV	99
40) BROMODICHLOROMETHANE	11.09	83	805575	8.28	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	1388095	9.93	PPBV	100
42) 1,4-DIOXANE	11.18	88	159421	8.50	PPBV	94
43) HEPTANE	11.36	43	447455	10.32	PPBV	97

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10762.D
Acq On : 25 Jun 2007 2:46 pm
Operator : danat
Sample : icc557-10 (m172)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 15:23:25 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 14:28:31 2007
Response via : Initial Calibration

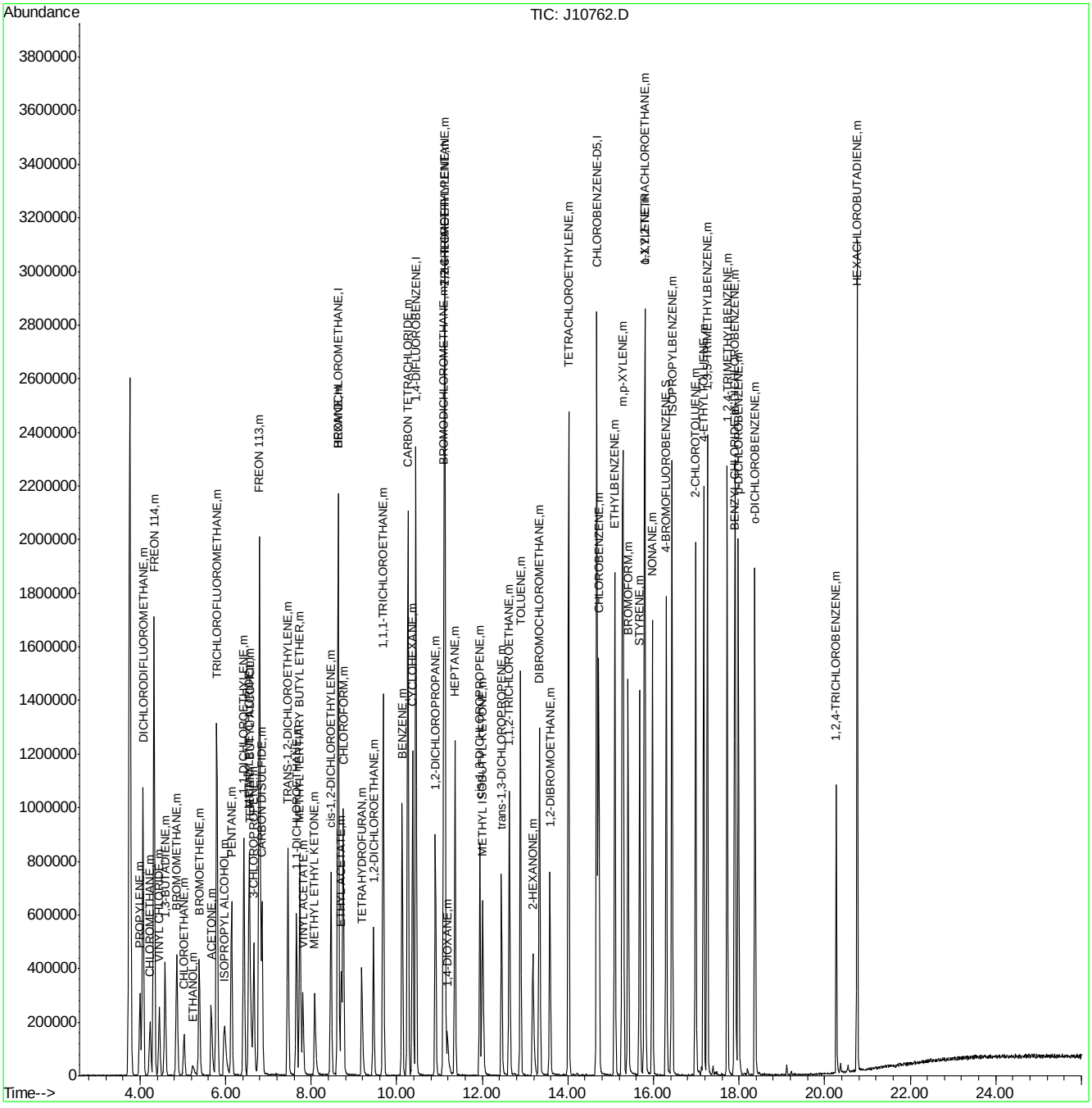
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.00	43	539564	8.93	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.94	75	453130	10.63	PPBV	99
46) TOLUENE	12.89	92	629342	10.15	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	434192	10.90	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.63	83	309691	8.77	PPBV	97
50) 2-HEXANONE	13.18	43	450763	9.89	PPBV	97
51) TETRACHLOROETHYLENE	14.01	164	560515	9.26	PPBV	99
52) DIBROMOCHLOROMETHANE	13.33	129	826906	9.12	PPBV	100
53) 1,2-DIBROMOETHANE	13.58	107	580229	9.75	PPBV	99
54) CHLOROBENZENE	14.72	112	916519	9.67	PPBV	97
55) ETHYLBENZENE	15.10	91	1404295	12.30	PPBV	99
56) m,p-XYLENE	15.29	106	1155267	24.70	PPBV	95
57) o-XYLENE	15.79	106	579875	12.87	PPBV	100
58) STYRENE	15.67	104	742923	12.75	PPBV	99
59) NONANE	15.98	43	587305	10.56	PPBV	98
60) BROMOFORM	15.40	173	821936	9.39	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.80	83	708231	9.47	PPBV	98
63) ISOPROPYLBENZENE	16.43	105	1632690	12.47	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	1106798	12.37	PPBV	99
65) 4-ETHYLTOLUENE	17.17	105	1373761	12.34	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1296793	12.68	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	1176217	12.92	PPBV	100
68) m-DICHLOROBENZENE	17.91	146	852323	11.72	PPBV	99
69) BENZYL CHLORIDE	17.89	91	682120	10.60	PPBV	99
70) p-DICHLOROBENZENE	17.99	146	824827	12.60	PPBV	99
71) o-DICHLOROBENZENE	18.37	146	740112	11.41	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	521974	9.32	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	292550	10.01	PPBV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10762.D
Acq On : 25 Jun 2007 2:46 pm
Operator : danat
Sample : icc557-10 (m172)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 15:23:25 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 14:28:31 2007
Response via : Initial Calibration



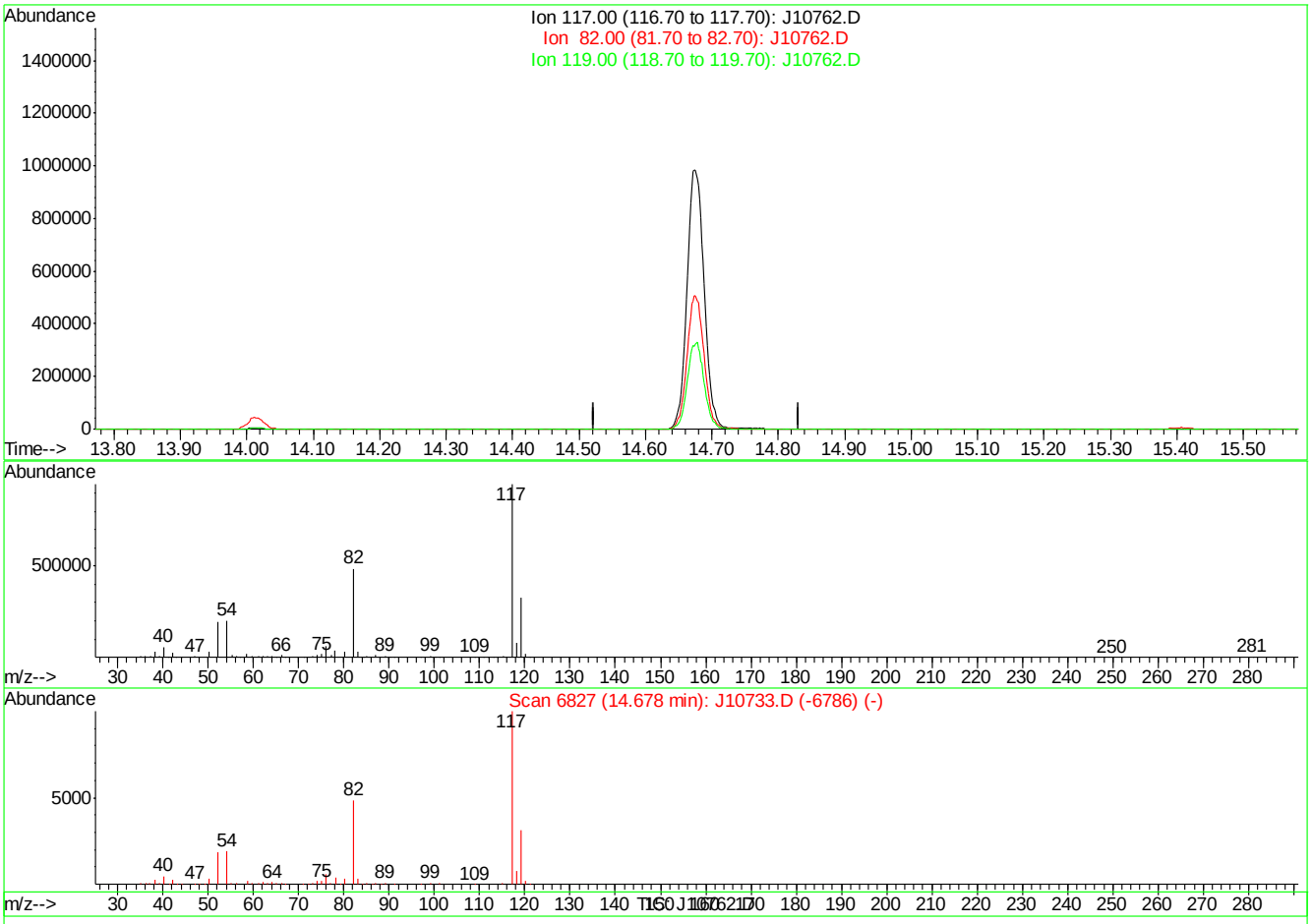
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10762.D Vial: 3
Acq On : 25 Jun 2007 2:46 pm Operator: danat
Sample : icc557-10 (m172) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 15:22:12 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 14:28:31 2007
Response via : Multiple Level Calibration



(49) CHLOROBENZENE-D5 (I)

14.68min 0.00PPBV

response 0

Ion	Exp%	Act%
117.00	100	0.00
82.00	0.00	0.00
119.00	0.00	0.00
0.00	0.00	0.00

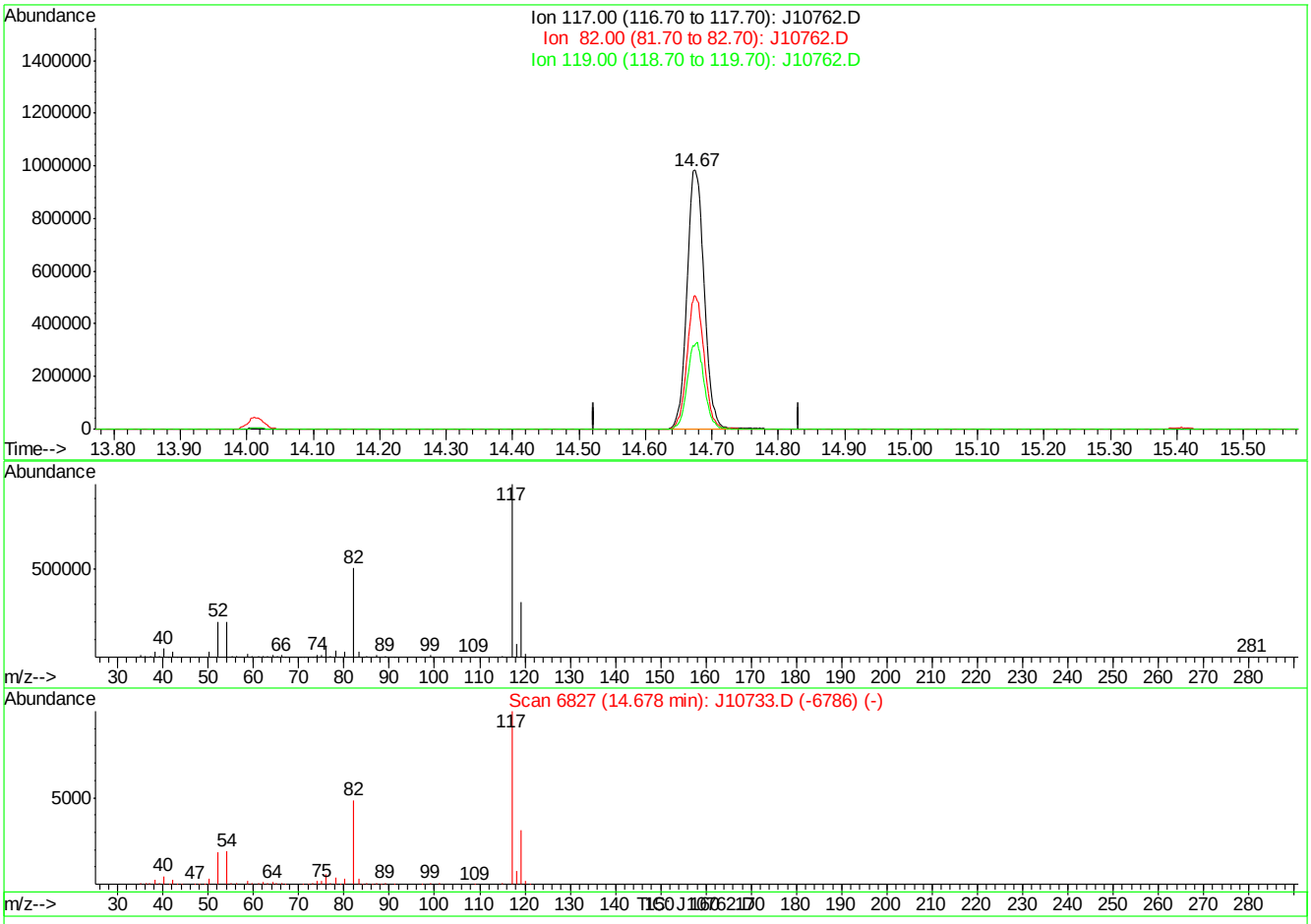
J10762.D J062507T.M Mon Jun 25 15:23:01 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10762.D Vial: 3
Acq On : 25 Jun 2007 2:46 pm Operator: danat
Sample : icc557-10 (m172) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 15:22:12 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 14:28:31 2007
Response via : Multiple Level Calibration



(49) CHLOROBENZENE-D5 (I)

14.67min 10.00PPBV m

response 1764652

Ion	Exp%	Act%
117.00	100	100
82.00	0.00	0.00
119.00	0.00	0.00
0.00	0.00	0.00

J10762.D J062507T.M Mon Jun 25 15:23:09 2007

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 06/27/07 12:10

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10763.D
Acq On : 25 Jun 2007 3:34 pm
Operator : danat
Sample : ic557-5 (m172)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 16:23:30 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 15:23:46 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	438436	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	2029733	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1791020m	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	561280	4.99	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 99.80%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	714628	4.50	PPBV	99
3) PROPYLENE	4.00	41	109425	4.73	PPBV	88
4) FREON 114	4.33	85	605475	4.40	PPBV	99
5) CHLOROMETHANE	4.24	50	149527	4.36	PPBV	89
6) VINYL CHLORIDE	4.46	62	175522	4.48	PPBV	98
7) 1,3-BUTADIENE	4.58	39	130541	4.74	PPBV	96
8) BROMOMETHANE	4.87	94	201359	4.57	PPBV	99
9) CHLOROETHANE	5.04	64	80518	4.49	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.80	101	720999	4.35	PPBV	99
11) ISOPROPYL ALCOHOL	5.97	45	183646	3.56	PPBV	86
12) ACETONE	5.68	43	208176	2.15	PPBV	98
13) PENTANE	6.14	42	152624	3.56	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.43	96	195225	4.60	PPBV	99
15) CARBON DISULFIDE	6.85	76	570240	4.41	PPBV	99
16) ETHANOL	5.26	45	29722	3.07	PPBV #	55
17) BROMOETHENE	5.39	106	199831	4.65	PPBV	100
18) METHYLENE CHLORIDE	6.55	84	188528	2.27	PPBV	99
19) 3-CHLOROPROPENE	6.66	39	139750	4.12	PPBV	98
20) FREON 113	6.80	151	428888	4.11	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	181599	4.43	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.57	59	222333	3.74	PPBV	98
23) METHYL TERTIARY BUTYL ETHE	7.75	73	364983	4.29	PPBV	98
24) TETRAHYDROFURAN	9.19	42	105474	3.97	PPBV	97
25) HEXANE	8.63	57	195078	3.71	PPBV	98
26) VINYL ACETATE	7.81	43	232109	3.93	PPBV	98
27) 1,1-DICHLOROETHANE	7.66	63	301919	4.27	PPBV	99
28) METHYL ETHYL KETONE	8.09	43	209889	3.88	PPBV	97
29) cis-1,2-DICHLOROETHYLENE	8.46	96	163543	4.16	PPBV	99
30) ETHYL ACETATE	8.70	43	228503	4.10	PPBV	98
31) CHLOROFORM	8.74	83	406387	4.03	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.68	97	471322	4.08	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	596154	4.13	PPBV	99
34) 1,2-DICHLOROETHANE	9.46	62	243904	4.23	PPBV	99
36) BENZENE	10.12	78	408870	4.27	PPBV	99
37) CYCLOHEXANE	10.37	84	203247	4.21	PPBV	99
38) TRICHLOROETHYLENE	11.11	95	221572	4.16	PPBV	99
39) 1,2-DICHLOROPROPANE	10.90	63	137660	4.22	PPBV	100
40) BROMODICHLOROMETHANE	11.09	83	386392	3.99	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	629580	4.38	PPBV	99
42) 1,4-DIOXANE	11.20	88	57106	3.07	PPBV	98
43) HEPTANE	11.36	43	204281	4.54	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10763.D
Acq On : 25 Jun 2007 3:34 pm
Operator : danat
Sample : ic557-5 (m172)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 16:23:30 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 15:23:46 2007
Response via : Initial Calibration

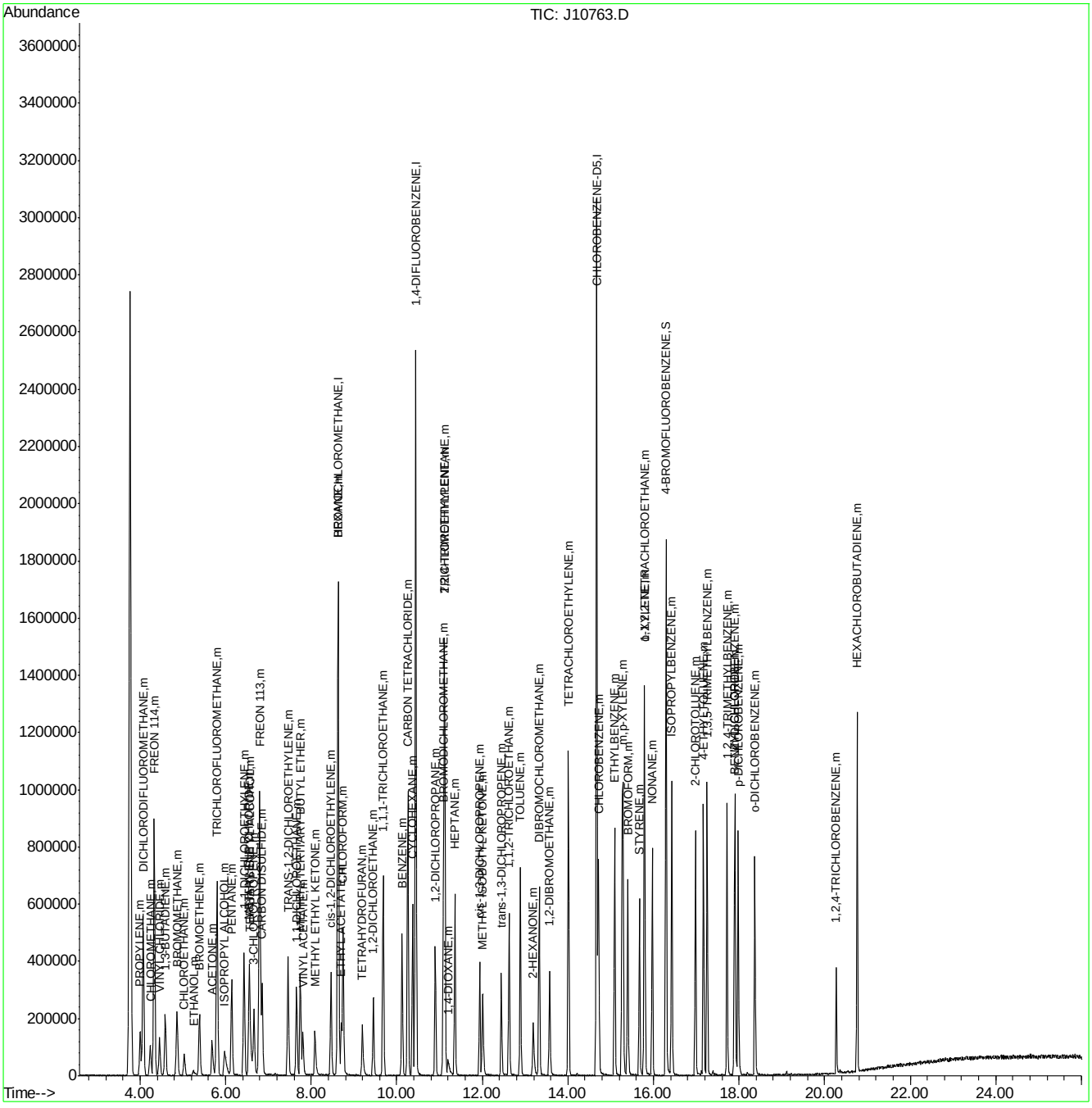
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	211276	3.49	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.94	75	196043	4.41	PPBV	98
46) TOLUENE	12.89	92	283875	4.43	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.44	75	185278	4.43	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.63	83	146101	4.12	PPBV	99
50) 2-HEXANONE	13.19	43	164292	3.56	PPBV	100
51) TETRACHLOROETHYLENE	14.01	164	253693	4.19	PPBV	99
52) DIBROMOCHLOROMETHANE	13.33	129	376233	4.16	PPBV	99
53) 1,2-DIBROMOETHANE	13.57	107	258481	4.30	PPBV	100
54) CHLOROBENZENE	14.72	112	415160	4.34	PPBV	99
55) ETHYLBENZENE	15.09	91	602996	4.97	PPBV	100
56) m,p-XYLENE	15.27	106	500168	10.06	PPBV	95
57) o-XYLENE	15.78	106	244731	5.06	PPBV	98
58) STYRENE	15.67	104	288962	4.63	PPBV	99
59) NONANE	15.97	43	249331	4.36	PPBV	99
60) BROMOFORM	15.40	173	354581	4.04	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.80	83	310190	4.13	PPBV	99
63) ISOPROPYLBENZENE	16.43	105	674847	4.84	PPBV	99
64) 2-CHLOROTOLUENE	16.98	91	448533	4.71	PPBV	99
65) 4-ETHYLTOLUENE	17.17	105	539487	4.56	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	524025	4.79	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	456188	4.67	PPBV	99
68) m-DICHLOROBENZENE	17.90	146	360966	4.73	PPBV	100
69) BENZYL CHLORIDE	17.89	91	254307	3.84	PPBV	99
70) p-DICHLOROBENZENE	17.98	146	343837	4.92	PPBV	100
71) o-DICHLOROBENZENE	18.37	146	304207	4.49	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	206655	3.69	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.27	180	101637	3.43	PPBV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10763.D
Acq On : 25 Jun 2007 3:34 pm
Operator : danat
Sample : ic557-5 (m172)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 16:23:30 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 15:23:46 2007
Response via : Initial Calibration



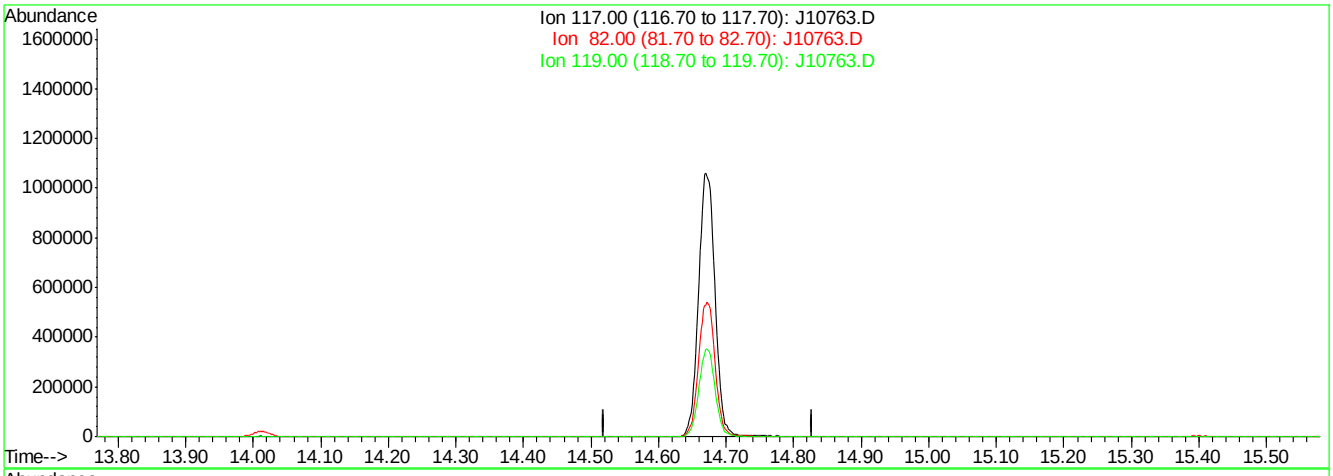
ACCUTEST Laboratories M65803

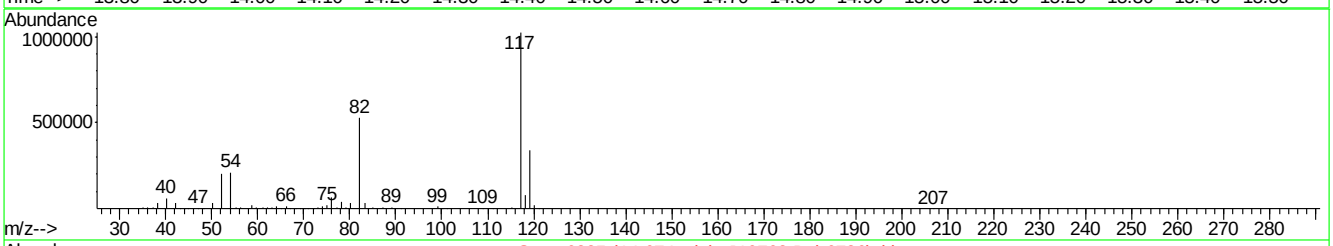
Quantitation Report (Qedit)

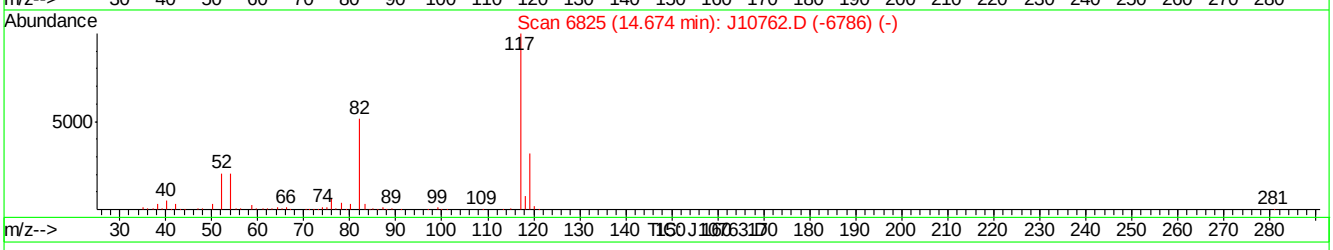
Data File : C:\MSDChem\1\data\J10763.D Vial: 3
Acq On : 25 Jun 2007 3:34 pm Operator: danat
Sample : ic557-5 (m172) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 16:22:09 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 15:23:46 2007
Response via : Multiple Level Calibration







(49) CHLOROBENZENE-D5 (I)

14.67min 0.00PPBV

response 0

Ion	Exp%	Act%
117.00	100	0.00
82.00	0.00	0.00
119.00	0.00	0.00
0.00	0.00	0.00

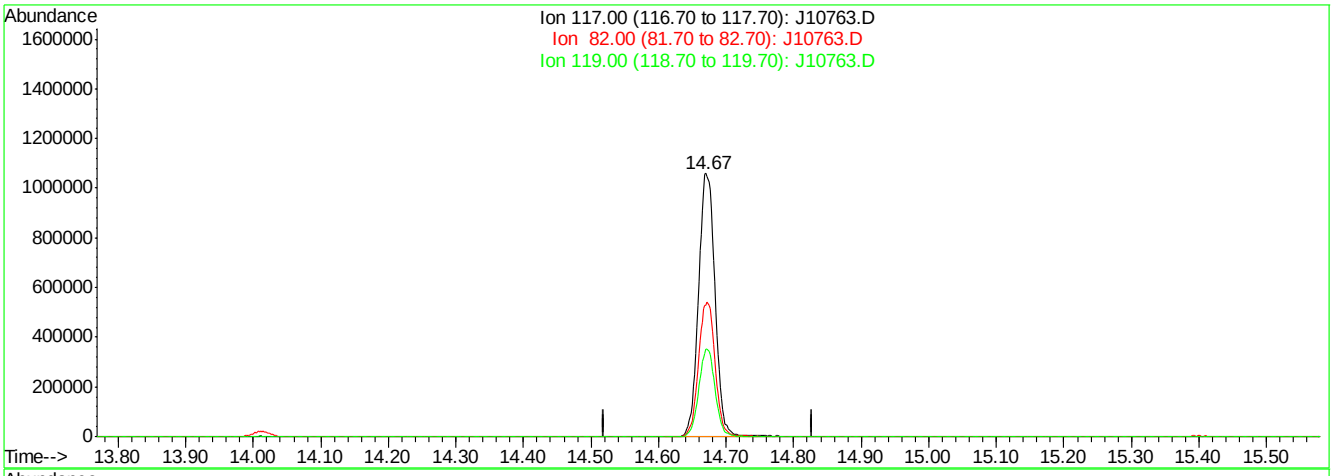
J10763.D J062507T.M Mon Jun 25 16:23:06 2007

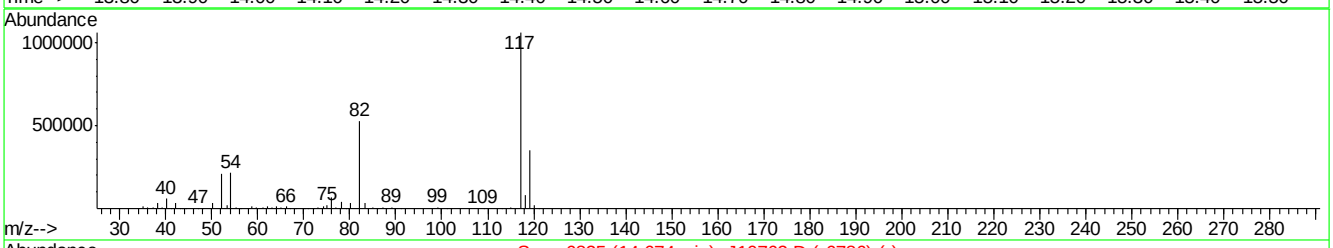
Quantitation Report (Qedit)

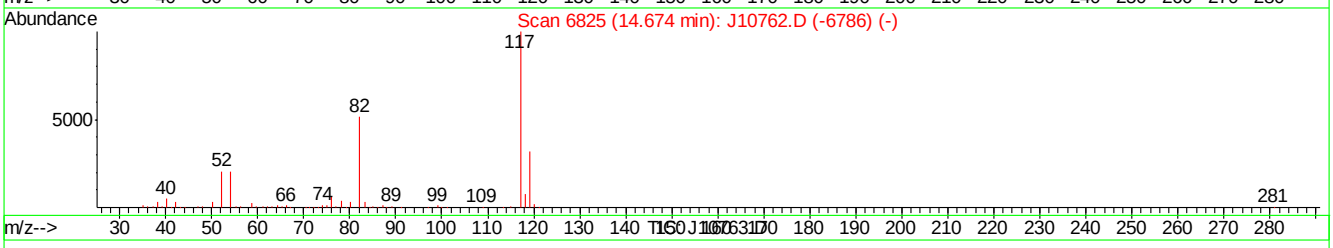
Data File : C:\MSDChem\1\data\J10763.D Vial: 3
Acq On : 25 Jun 2007 3:34 pm Operator: danat
Sample : ic557-5 (m172) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 16:22:09 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 15:23:46 2007
Response via : Multiple Level Calibration







(49) CHLOROBENZENE-D5 (I)

14.67min 10.00PPBV m

response 1791020

Ion	Exp%	Act%
117.00	100	100
82.00	0.00	0.00
119.00	0.00	0.00
0.00	0.00	0.00

J10763.D J062507T.M Mon Jun 25 16:23:12 2007

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10765.D
Acq On : 25 Jun 2007 5:14 pm
Operator : danat
Sample : ic557-2 (m140)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 18:15:00 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 17:37:45 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	416388	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1921784	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1702630	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	556279	5.17	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 103.40%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	296329	2.00	PPBV	99
3) PROPYLENE	4.00	41	43986	2.02	PPBV	84
4) FREON 114	4.33	85	269733	2.09	PPBV	99
5) CHLOROMETHANE	4.24	50	66645	2.08	PPBV	90
6) VINYL CHLORIDE	4.45	62	76463	2.08	PPBV	95
7) 1,3-BUTADIENE	4.59	39	53443	2.05	PPBV	92
8) BROMOMETHANE	4.86	94	89596	2.15	PPBV	100
9) CHLOROETHANE	5.03	64	37742	2.21	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.79	101	330975	2.12	PPBV	99
11) ISOPROPYL ALCOHOL	5.97	45	104703	2.22	PPBV	95
12) ACETONE	5.67	43	132381	2.45	PPBV	98
13) PENTANE	6.14	42	66618	2.11	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.43	96	78982	1.99	PPBV	98
15) CARBON DISULFIDE	6.85	76	243014	2.02	PPBV	97
16) ETHANOL	5.25	45	15706	2.19	PPBV	85
17) BROMOETHENE	5.38	106	79593	1.98	PPBV	99
18) METHYLENE CHLORIDE	6.55	84	185654	4.10	PPBV	97
19) 3-CHLOROPROPENE	6.66	39	64079	2.04	PPBV	96
20) FREON 113	6.79	151	210410	2.16	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	78765	2.05	PPBV	98
22) TERTIARY BUTYL ALCOHOL	6.59	59	86293	1.66	PPBV #	57
23) METHYL TERTIARY BUTYL ETHE	7.74	73	165977	2.09	PPBV	95
24) TETRAHYDROFURAN	9.20	42	47795	1.98	PPBV	97
25) HEXANE	8.63	57	102346	2.12	PPBV	93
26) VINYL ACETATE	7.80	43	98463	1.86	PPBV	93
27) 1,1-DICHLOROETHANE	7.66	63	151812	2.27	PPBV	99
28) METHYL ETHYL KETONE	8.09	43	112098	2.22	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.46	96	76910	2.10	PPBV	98
30) ETHYL ACETATE	8.70	43	114716	2.20	PPBV	96
31) CHLOROFORM	8.74	83	203922	2.17	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.68	97	247067	2.27	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	289524	2.15	PPBV	99
34) 1,2-DICHLOROETHANE	9.45	62	118636	2.19	PPBV	99
36) BENZENE	10.12	78	197180	2.19	PPBV	100
37) CYCLOHEXANE	10.37	84	80360	1.84	PPBV	99
38) TRICHLOROETHYLENE	11.11	95	107542	2.16	PPBV	96
39) 1,2-DICHLOROPROPANE	10.90	63	65755	2.16	PPBV	96
40) BROMODICHLOROMETHANE	11.08	83	189190	2.12	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	304219	2.24	PPBV	97
42) 1,4-DIOXANE	11.20	88	38214	2.28	PPBV	84
43) HEPTANE	11.35	43	98303	2.29	PPBV	96

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10765.D
Acq On : 25 Jun 2007 5:14 pm
Operator : danat
Sample : ic557-2 (m140)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 18:15:00 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 17:37:45 2007
Response via : Initial Calibration

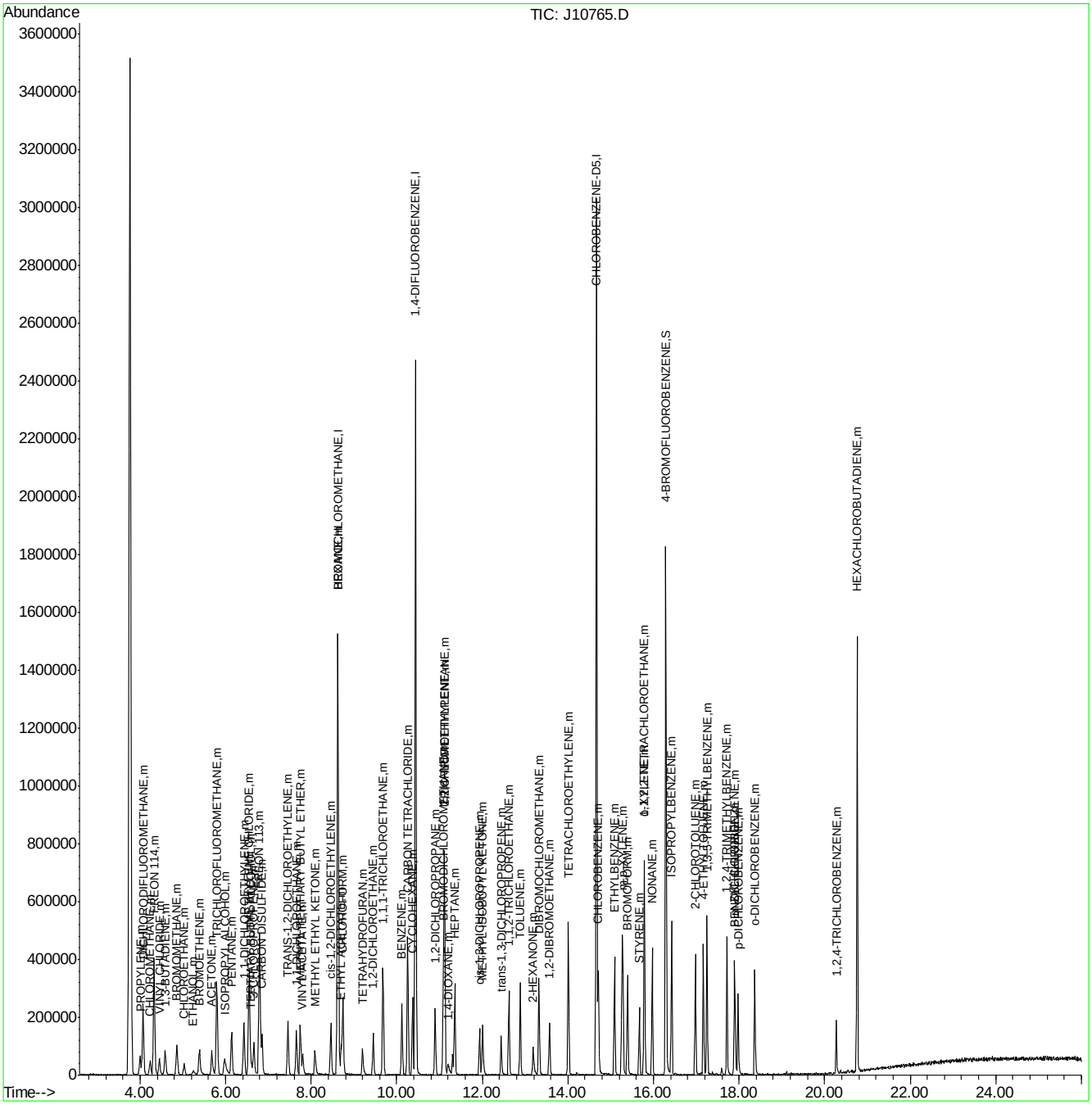
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.00	43	114732	2.11	PPBV	96
45) cis-1,3-DICHLOROPROPENE	11.94	75	78476	2.34	PPBV	98
46) TOLUENE	12.88	92	121156	2.03	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.44	75	66797	2.34	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.62	83	69047	2.10	PPBV	99
50) 2-HEXANONE	13.19	43	78875	1.92	PPBV	91
51) TETRACHLOROETHYLENE	14.01	164	117794	2.09	PPBV	99
52) DIBROMOCHLOROMETHANE	13.32	129	178391	2.12	PPBV	99
53) 1,2-DIBROMOETHANE	13.57	107	113120	2.02	PPBV	100
54) CHLOROBENZENE	14.71	112	187368	2.09	PPBV	99
55) ETHYLBENZENE	15.09	91	250836	2.31	PPBV	99
56) m,p-XYLENE	15.28	106	214227	4.79	PPBV	89
57) o-XYLENE	15.78	106	108566	2.47	PPBV	97
58) STYRENE	15.67	104	98160	2.29	PPBV	99
59) NONANE	15.97	43	129292	2.91	PPBV	97
60) BROMOFORM	15.40	173	171039	2.10	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	177617	2.46	PPBV	97
63) ISOPROPYLBENZENE	16.42	105	322513	2.54	PPBV	98
64) 2-CHLOROTOLUENE	16.98	91	204342	2.54	PPBV	100
65) 4-ETHYLTOLUENE	17.16	105	236988	2.58	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	266609	2.72	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	215214	2.68	PPBV	100
68) m-DICHLOROBENZENE	17.90	146	143005	2.57	PPBV	99
69) BENZYL CHLORIDE	17.89	91	78599	2.83	PPBV	97
70) p-DICHLOROBENZENE	17.98	146	117186	2.42	PPBV	100
71) o-DICHLOROBENZENE	18.37	146	141509	2.74	PPBV	100
72) HEXACHLOROBUTADIENE	20.76	225	252852	4.77	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	49876	2.97	PPBV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10765.D
Acq On : 25 Jun 2007 5:14 pm
Operator : danat
Sample : ic557-2 (m140)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 18:15:00 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 17:37:45 2007
Response via : Initial Calibration



ACCUTEST Laboratories M65803

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10768.D
Acq On : 26 Jun 2007 11:20 am
Operator : danat
Sample : icv557-10 (M080)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 26 11:51:48 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:16:44 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	405778	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.45	114	1774169	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.68	117	1608427	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.30	95	541254	5.33	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 106.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	1522377	10.54	PPBV	100
3) PROPYLENE	4.00	41	243219	11.44	PPBV	97
4) FREON 114	4.33	85	1185220	9.42	PPBV	99
5) CHLOROMETHANE	4.24	50	311223	9.95	PPBV	97
6) VINYL CHLORIDE	4.46	62	351902	9.81	PPBV	100
7) 1,3-BUTADIENE	4.59	39	261957	10.32	PPBV	94
8) BROMOMETHANE	4.86	94	401363	9.86	PPBV	99
9) CHLOROETHANE	5.04	64	162806	9.80	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.80	101	1451070	9.56	PPBV	100
11) ISOPROPYL ALCOHOL	5.98	45	415024	9.02	PPBV	99
12) ACETONE	5.67	43	413182	8.82	PPBV	97
13) PENTANE	6.14	42	308718	10.10	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.43	96	366272	9.46	PPBV	96
15) CARBON DISULFIDE	6.86	76	1095507	9.33	PPBV	99
16) ETHANOL	5.24	45	69861	9.66	PPBV #	63
17) BROMOETHENE	5.39	106	388340	9.89	PPBV	99
18) METHYLENE CHLORIDE	6.56	84	332134	8.51	PPBV	97
19) 3-CHLOROPROPENE	6.67	39	295219	9.65	PPBV	96
20) FREON 113	6.80	151	829450	8.73	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	355774	9.51	PPBV	96
22) TERTIARY BUTYL ALCOHOL	6.58	59	573470	11.34	PPBV	95
23) METHYL TERTIARY BUTYL ETHE	7.75	73	752569	9.72	PPBV	98
24) TETRAHYDROFURAN	9.19	42	230424	9.80	PPBV	96
25) HEXANE	8.64	57	388541	8.26	PPBV	97
26) VINYL ACETATE	7.81	43	444920	8.62	PPBV	97
27) 1,1-DICHLOROETHANE	7.66	63	607417	9.30	PPBV	99
28) METHYL ETHYL KETONE	8.08	43	459121	9.34	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.47	96	333938	9.37	PPBV	98
30) ETHYL ACETATE	8.70	43	483427	9.52	PPBV	96
31) CHLOROFORM	8.75	83	848036	9.26	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.69	97	1000451	9.43	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	1328522	10.12	PPBV	100
34) 1,2-DICHLOROETHANE	9.46	62	503150	9.53	PPBV	99
36) BENZENE	10.13	78	826238	9.95	PPBV	99
37) CYCLOHEXANE	10.37	84	430955	10.71	PPBV	99
38) TRICHLOROETHYLENE	11.12	95	480147	10.46	PPBV	99
39) 1,2-DICHLOROPROPANE	10.91	63	282235	10.04	PPBV	98
40) BROMODICHLOROMETHANE	11.10	83	800209	9.69	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	1446517	11.52	PPBV	99
42) 1,4-DIOXANE	11.19	88	154868	10.03	PPBV	94
43) HEPTANE	11.36	43	449238	11.33	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10768.D
Acq On : 26 Jun 2007 11:20 am
Operator : danat
Sample : icv557-10 (M080)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 26 11:51:48 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:16:44 2007
Response via : Initial Calibration

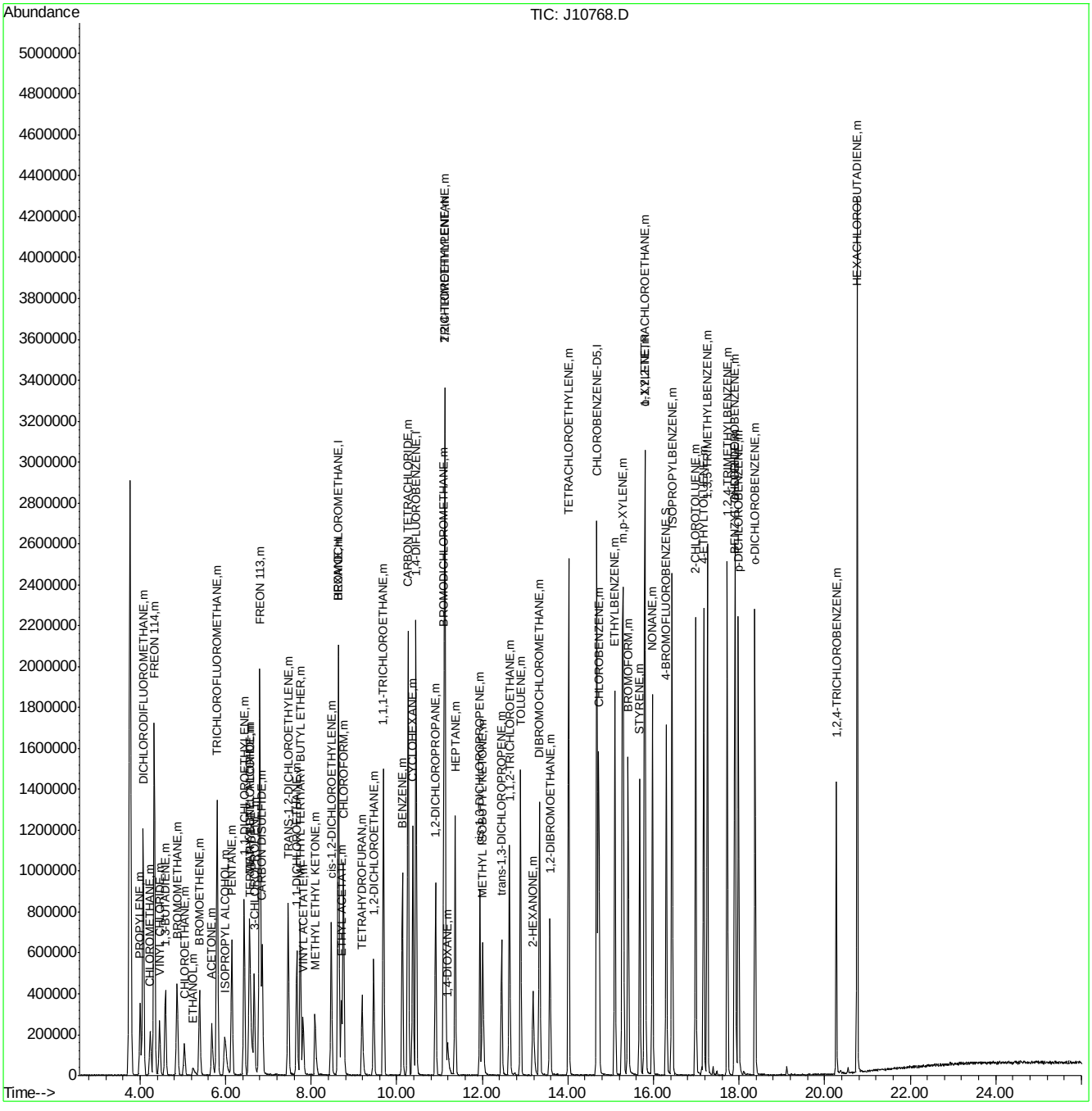
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	525462	10.45	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.94	75	449981	9.40	PPBV	98
46) TOLUENE	12.89	92	607046	11.02	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	363600	8.70	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.63	83	311357	10.26	PPBV	100
50) 2-HEXANONE	13.18	43	414964	10.71	PPBV	98
51) TETRACHLOROETHYLENE	14.01	164	566785	10.63	PPBV	99
52) DIBROMOCHLOROMETHANE	13.33	129	821977	10.32	PPBV	99
53) 1,2-DIBROMOETHANE	13.58	107	567087	10.73	PPBV	100
54) CHLOROBENZENE	14.72	112	903059	10.67	PPBV	99
55) ETHYLBENZENE	15.09	91	1383062	9.77	PPBV	99
56) m,p-XYLENE	15.29	106	1169778	19.85	PPBV	100
57) o-XYLENE	15.79	106	586073	9.86	PPBV	96
58) STYRENE	15.68	104	745560	9.22	PPBV	100
59) NONANE	15.97	43	633071	10.45	PPBV	99
60) BROMOFORM	15.41	173	849663	11.05	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.80	83	805776	11.83	PPBV	99
63) ISOPROPYLBENZENE	16.43	105	1742787	10.23	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	1212518	10.23	PPBV	99
65) 4-ETHYLTOLUENE	17.17	105	1406510	9.08	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1418178	9.99	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	1305298	9.95	PPBV	99
68) m-DICHLOROBENZENE	17.91	146	968226	10.22	PPBV	100
69) BENZYL CHLORIDE	17.89	91	741920	10.06	PPBV	100
70) p-DICHLOROBENZENE	17.99	146	905666	10.08	PPBV	99
71) o-DICHLOROBENZENE	18.37	146	889468	10.66	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	713152	14.41	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	368773	11.59	PPBV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10768.D
Acq On : 26 Jun 2007 11:20 am
Operator : danat
Sample : icv557-10 (M080)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 26 11:51:48 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:16:44 2007
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
06/29/07 09:54

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10794.D
Acq On : 27 Jun 2007 12:22 pm
Operator : danat
Sample : cc557-10 (M080)
Misc : MS13762, MSJ558,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:36:26 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:15:12 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.60	128	448217	10.00	PPBV	-0.02
35) 1,4-DIFLUOROBENZENE	10.43	114	1993423	10.00	PPBV	-0.01
49) CHLOROBENZENE-D5	14.68	117	1807896	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.31	95	624288	5.47	PPBV	0.01

Spiked Amount 5.000 Range 51 - 142 Recovery = 109.40%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	1491765	9.35	PPBV	99
3) PROPYLENE	4.00	41	238327	10.15	PPBV	98
4) FREON 114	4.32	85	1230912	8.85	PPBV	100
5) CHLOROMETHANE	4.23	50	312870	9.06	PPBV	95
6) VINYL CHLORIDE	4.45	62	357327	9.02	PPBV	98
7) 1,3-BUTADIENE	4.58	39	269930	9.63	PPBV	96
8) BROMOMETHANE	4.85	94	415721	9.25	PPBV	99
9) CHLOROETHANE	5.01	64	171182	9.33	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.77	101	1493290	8.91	PPBV	100
11) ISOPROPYL ALCOHOL	6.02	45	419075m	8.25	PPBV	
12) ACETONE	5.65	43	446952	8.63	PPBV	98
13) PENTANE	6.11	42	345225	10.22	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.40	96	381027	8.91	PPBV	97
15) CARBON DISULFIDE	6.83	76	1127798	8.69	PPBV	99
16) ETHANOL	5.26	45	62506	7.85	PPBV #	45
17) BROMOETHENE	5.37	106	408197	9.41	PPBV	99
18) METHYLENE CHLORIDE	6.52	84	349073	8.04	PPBV	97
19) 3-CHLOROPROPENE	6.64	39	381514	11.29	PPBV	87
20) FREON 113	6.77	151	870601	8.30	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.43	96	373533	9.04	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.62	59	521794	9.34	PPBV #	1
23) METHYL TERTIARY BUTYL ETHE	7.72	73	781106	9.13	PPBV	98
24) TETRAHYDROFURAN	9.17	42	243275	9.37	PPBV	96
25) HEXANE	8.61	57	418843	8.06	PPBV	98
26) VINYL ACETATE	7.79	43	496151	8.70	PPBV	98
27) 1,1-DICHLOROETHANE	7.63	63	643174	8.92	PPBV	100
28) METHYL ETHYL KETONE	8.07	43	480650	8.86	PPBV	98
29) cis-1,2-DICHLOROETHYLENE	8.44	96	352749	8.96	PPBV	97
30) ETHYL ACETATE	8.69	43	520756	9.28	PPBV	97
31) CHLOROFORM	8.73	83	914440	9.04	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.67	97	1027535	8.77	PPBV	98
33) CARBON TETRACHLORIDE	10.24	117	1368375	9.43	PPBV	100
34) 1,2-DICHLOROETHANE	9.44	62	532235	9.13	PPBV	99
36) BENZENE	10.11	78	875028	9.38	PPBV	100
37) CYCLOHEXANE	10.35	84	441923	9.77	PPBV	99
38) TRICHLOROETHYLENE	11.11	95	513599	9.96	PPBV	99
39) 1,2-DICHLOROPROPANE	10.90	63	302573	9.58	PPBV	99
40) BROMODICHLOROMETHANE	11.09	83	858039	9.25	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.11	57	1502406	10.65	PPBV	98
42) 1,4-DIOXANE	11.19	88	160115	9.23	PPBV	91
43) HEPTANE	11.35	43	479897	10.77	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10794.D
Acq On : 27 Jun 2007 12:22 pm
Operator : danat
Sample : cc557-10 (M080)
Misc : MS13762, MSJ558,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:36:26 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:15:12 2007
Response via : Initial Calibration

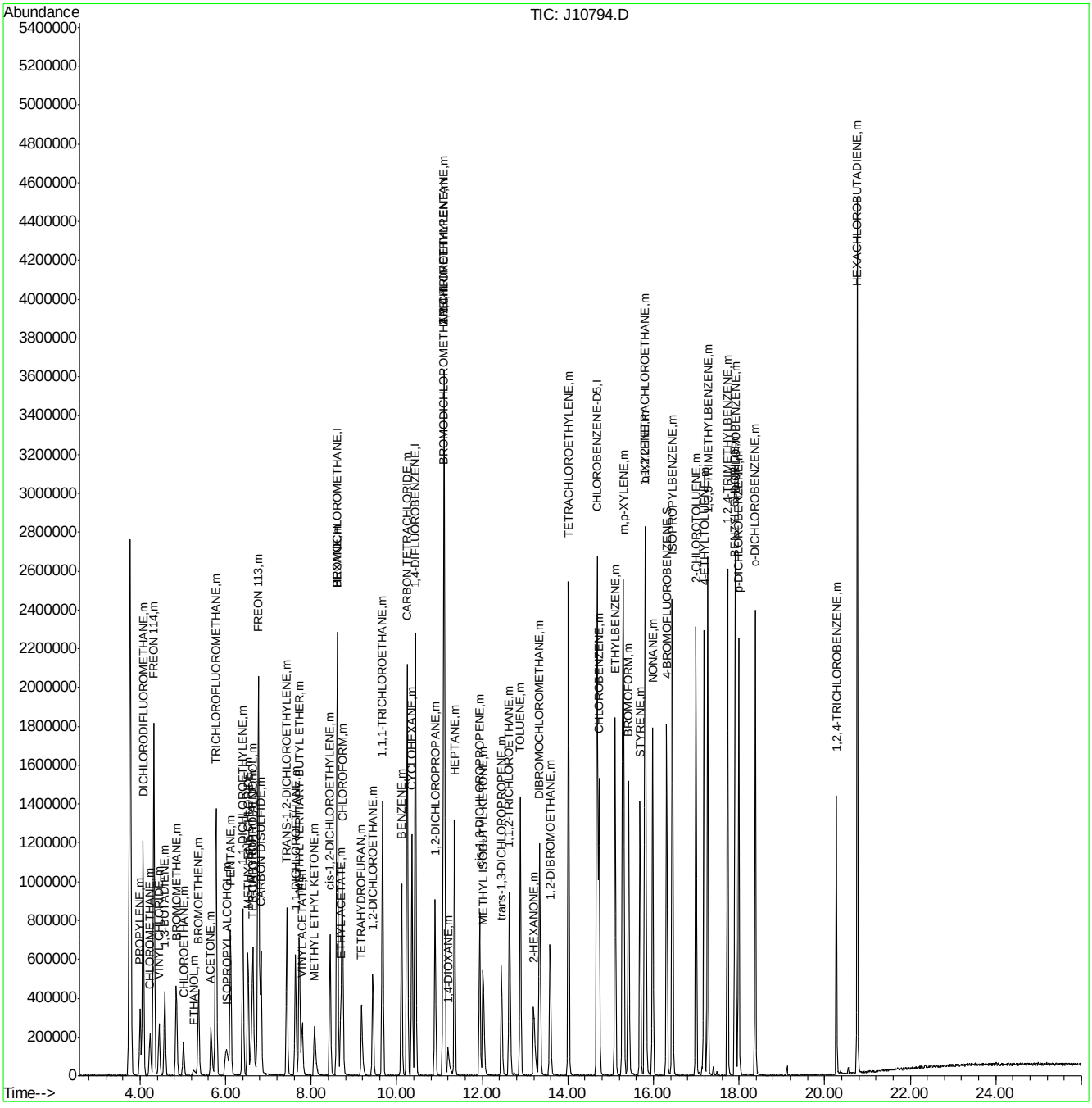
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	543429	9.62	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.94	75	467602	8.77	PPBV	98
46) TOLUENE	12.89	92	646811	10.45	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	377663	7.40	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.63	83	331583	9.72	PPBV	100
50) 2-HEXANONE	13.20	43	412930	9.48	PPBV	98
51) TETRACHLOROETHYLENE	14.01	164	599549	10.01	PPBV	99
52) DIBROMOCHLOROMETHANE	13.34	129	881504	9.85	PPBV	100
53) 1,2-DIBROMOETHANE	13.58	107	605353	10.19	PPBV	99
54) CHLOROBENZENE	14.73	112	975128	10.25	PPBV	99
55) ETHYLBENZENE	15.10	91	1494695	9.42	PPBV	99
56) m,p-XYLENE	15.29	106	1257977	19.06	PPBV	98
57) o-XYLENE	15.80	106	632636	9.50	PPBV	98
58) STYRENE	15.68	104	793216	8.79	PPBV	100
59) NONANE	15.98	43	679685	10.03	PPBV	99
60) BROMOFORM	15.42	173	907898	10.50	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.81	83	852879	11.14	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	1858669	9.75	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	1298453	9.79	PPBV	99
65) 4-ETHYLTOLUENE	17.18	105	1521114	8.79	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.27	105	1497022	9.45	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	1385029	9.47	PPBV	99
68) m-DICHLOROBENZENE	17.92	146	1012776	9.60	PPBV	100
69) BENZYL CHLORIDE	17.90	91	745817	9.22	PPBV	100
70) p-DICHLOROBENZENE	17.99	146	932970	9.35	PPBV	99
71) o-DICHLOROBENZENE	18.38	146	921354	9.93	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	747153	13.49	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.28	180	372516	10.59	PPBV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10794.D
Acq On : 27 Jun 2007 12:22 pm
Operator : danat
Sample : cc557-10 (M080)
Misc : MS13762, MSJ558,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:36:26 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:15:12 2007
Response via : Initial Calibration

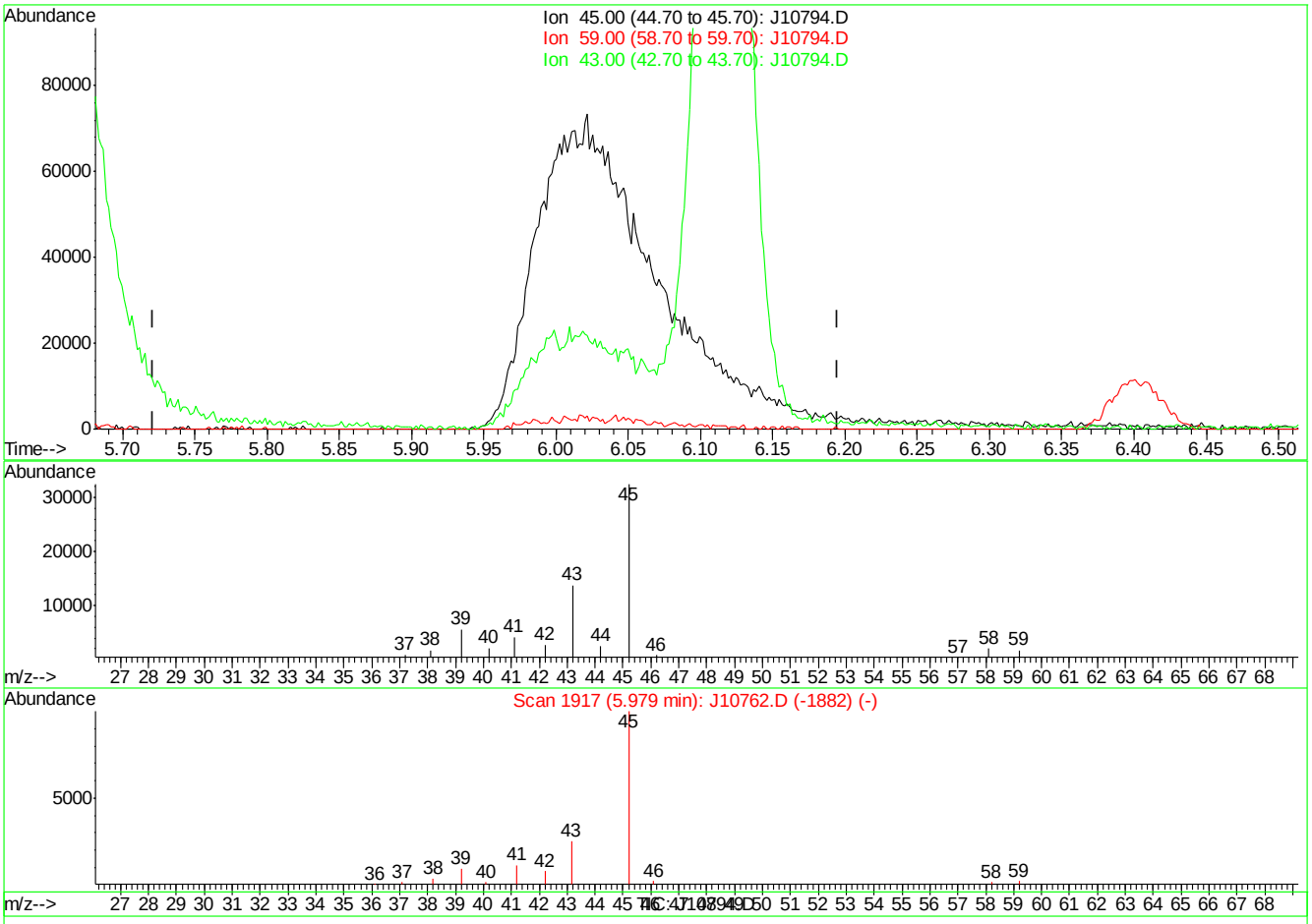


Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10794.D Vial: 1
Acq On : 27 Jun 2007 12:22 pm Operator: danat
Sample : CC557-10 (M080) Inst : MSJ
Misc : MS13762, MSJ558,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 27 13:32:31 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:15:12 2007
Response via : Multiple Level Calibration



(11) ISOPROPYL ALCOHOL (m)

5.98min 0.00PPBV

response 0

Ion	Exp%	Act%
45.00	100	0.00
59.00	2.20	0.00
43.00	25.50	0.00#
0.00	0.00	0.00

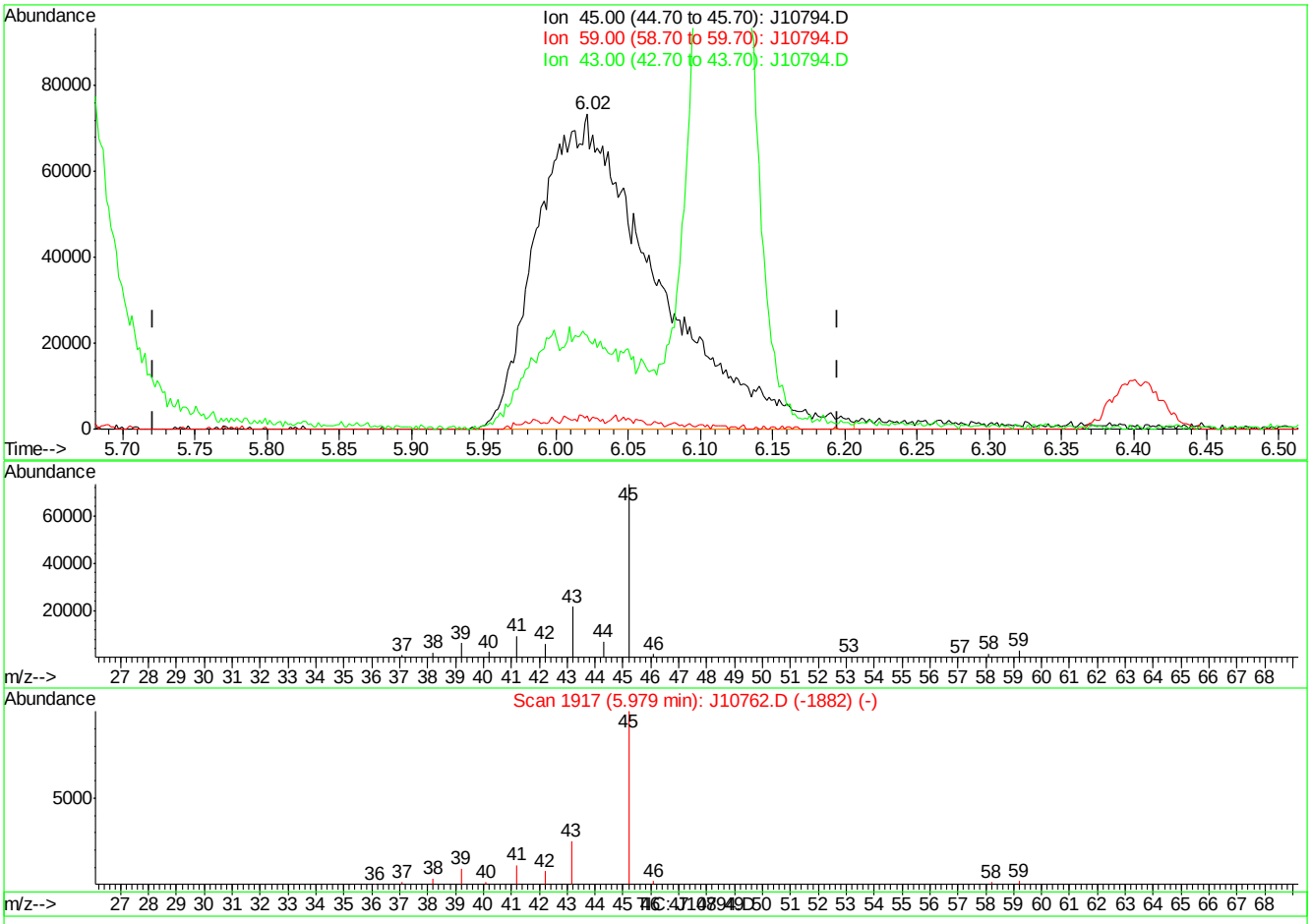
J10794.D J062507T.M Wed Jun 27 13:35:30 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10794.D Vial: 1
Acq On : 27 Jun 2007 12:22 pm Operator: danat
Sample : CC557-10 (M080) Inst : MSJ
Misc : MS13762, MSJ558,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 27 13:32:31 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:15:12 2007
Response via : Multiple Level Calibration



(11) ISOPROPYL ALCOHOL (m)

6.02min 8.25PPBV m

response 419075

Ion	Exp%	Act%
45.00	100	100
59.00	2.20	4.07
43.00	25.50	29.59
0.00	0.00	0.00

J10794.D J062507T.M Wed Jun 27 13:35:37 2007

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
06/15/07 16:35

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3715.D
Acq On : 14 Jun 2007 11:26 am
Operator : PhilipB
Sample : IC201-40 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 11:55:58 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:02:32 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.435	128	48331	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.357	114	328560	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.698	117	271876	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.336	95	105832	3.94	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 78.80%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.607	85	1627058	38.26	PPBV	83
3) PROPYLENE	3.538	41	278831	49.80	PPBV	90
4) FREON 114	3.874	85	1291860	37.23	PPBV #	100
5) CHLOROMETHANE	3.776	50	278636	39.18	PPBV	97
6) VINYL CHLORIDE	3.998	62	339322	38.05	PPBV	74
7) 1,3-BUTADIENE	4.136	39	311813	41.82	PPBV #	100
8) BROMOMETHANE	4.418	94	360287	41.82	PPBV #	100
9) CHLOROETHANE	4.591	64	113002	28.32	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.411	101	1542233	34.62	PPBV #	100
11) ISOPROPYL ALCOHOL	5.487	45	395236	29.87	PPBV	99
12) ACETONE	5.206	43	443087	26.89	PPBV	80
13) PENTANE	5.787	42	249832	35.70	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.087	96	347442	40.11	PPBV #	6
15) CARBON DISULFIDE	6.541	76	929348	37.53	PPBV #	45
16) ETHANOL	4.727	45	59742	28.02	PPBV #	100
17) BROMOETHENE	4.962	106	228655	27.99	PPBV #	100
18) METHYLENE CHLORIDE	6.211	84	344971	36.23	PPBV #	1
19) 3-CHLOROPROPENE	6.337	39	464984	37.41	PPBV #	17
20) FREON 113	6.484	151	621964	38.97	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.192	96	328210	41.05	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.128	59	650496	37.95	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.459	73	1049563	42.54	PPBV #	100
24) TETRAHYDROFURAN	8.967	42	298269	51.86	PPBV #	100
25) HEXANE	8.465	57	305276	36.83	PPBV #	100
26) VINYL ACETATE	7.551	43	782758	43.47	PPBV	90
27) 1,1-DICHLOROETHANE	7.405	63	761100	39.46	PPBV #	100
28) METHYL ETHYL KETONE	7.814	43	453097	37.54	PPBV	99
29) cis-1,2-DICHLOROETHYLENE	8.264	96	256886	41.80	PPBV #	100
30) ETHYL ACETATE	8.481	43	816670	38.55	PPBV	100
31) CHLOROFORM	8.568	83	872008	38.04	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.562	97	1235569	48.77	PPBV	95
33) CARBON TETRACHLORIDE	10.169	117	1408821	54.48	PPBV	93
34) 1,2-DICHLOROETHANE	9.311	62	777990	48.55	PPBV	96
36) BENZENE	10.020	78	1076859	38.30	PPBV	95
37) CYCLOHEXANE	10.291	84	350382	41.75	PPBV	89
38) TRICHLOROETHYLENE	11.060	95	588920	41.17	PPBV #	77
39) 1,2-DICHLOROPROPANE	10.829	63	404565	35.80	PPBV #	77
40) BROMODICHLOROMETHANE	11.022	83	1209518	42.78	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.083	57	1500518	36.85	PPBV	95
42) 1,4-DIOXANE	11.049	88	210104	42.22	PPBV #	84
43) HEPTANE	11.331	43	508110	37.33	PPBV	93

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3715.D
Acq On : 14 Jun 2007 11:26 am
Operator : PhilipB
Sample : IC201-40 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 11:55:58 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:02:32 2007
Response via : Initial Calibration

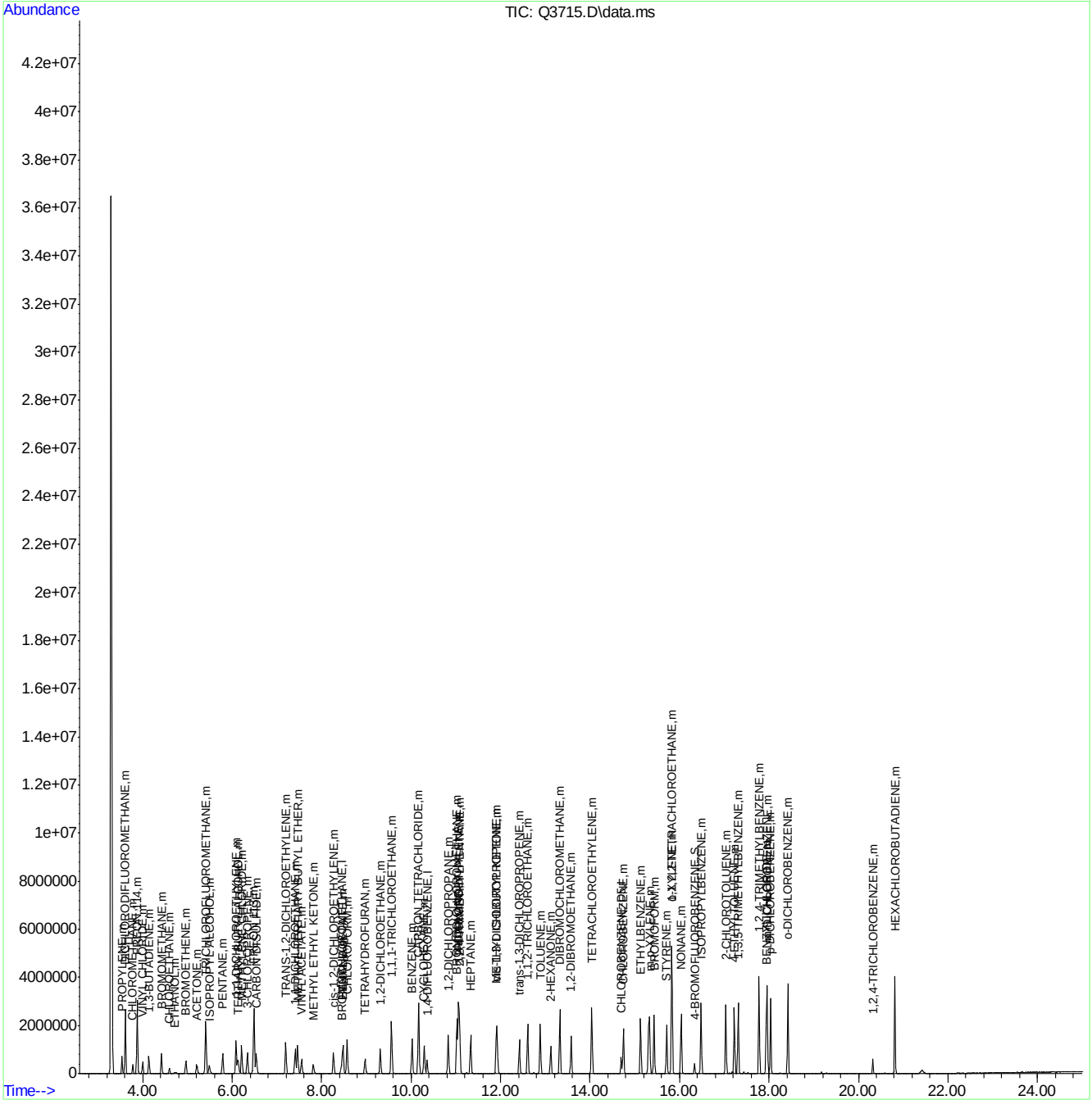
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.922	43	837608	36.91 PPBV	95
45) cis-1,3-DICHLOROPROPENE	11.903	75	715394	40.00 PPBV	89
46) TOLUENE	12.884	92	731700	38.36 PPBV	97
47) trans-1,3-DICHLOROPROPENE	12.417	75	652364	43.48 PPBV #	98
48) 1,1,2-TRICHLOROETHANE	12.605	83	442136	33.41 PPBV	89
50) 2-HEXANONE	13.120	43	752130	49.70 PPBV	93
51) TETRACHLOROETHYLENE	14.038	164	344053	37.42 PPBV	90
52) DIBROMOCHLOROMETHANE	13.326	129	997091	46.92 PPBV	99
53) 1,2-DIBROMOETHANE	13.576	107	783226	44.07 PPBV	97
54) CHLOROBENZENE	14.746	112	718670	34.38 PPBV	84
55) ETHYLBENZENE	15.129	91	1385647	34.87 PPBV	94
56) m,p-XYLENE	15.332	106	869610m	62.62 PPBV	
57) o-XYLENE	15.828	106	590719	43.40 PPBV #	83
58) STYRENE	15.710	104	790386	45.42 PPBV	91
59) NONANE	16.036	43	841115	39.53 PPBV	94
60) BROMOFORM	15.429	173	773734	36.87 PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.825	83	1083664	39.54 PPBV	95
63) ISOPROPYLBENZENE	16.482	105	1573135	34.85 PPBV	89
64) 2-CHLOROTOLUENE	17.035	91	1322139	39.80 PPBV	85
65) 4-ETHYLTOLUENE	17.225	105	1407284	40.69 PPBV	91
66) 1,3,5-TRIMETHYLBENZENE	17.312	105	1380493	35.99 PPBV	88
67) 1,2,4-TRIMETHYLBENZENE	17.775	105	1736971	51.84 PPBV	88
68) m-DICHLOROBENZENE	17.960	146	857467	48.30 PPBV	96
69) BENZYL CHLORIDE	17.937	91	1233127	58.91 PPBV	90
70) p-DICHLOROBENZENE	18.033	146	791649	49.31 PPBV	95
71) o-DICHLOROBENZENE	18.421	146	897345	54.08 PPBV	94
72) HEXACHLOROBUTADIENE	20.812	225	451205	48.28 PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.324	180	104160	40.26 PPBV	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3715.D
Acq On : 14 Jun 2007 11:26 am
Operator : PhilipB
Sample : IC201-40 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

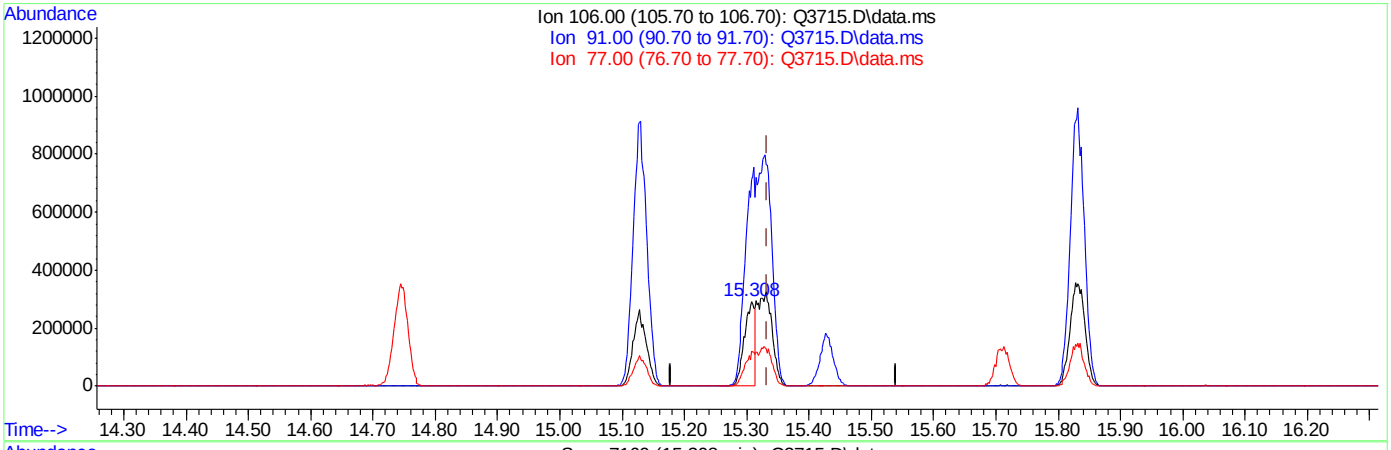
Quant Time: Jun 14 11:55:58 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:02:32 2007
Response via : Initial Calibration

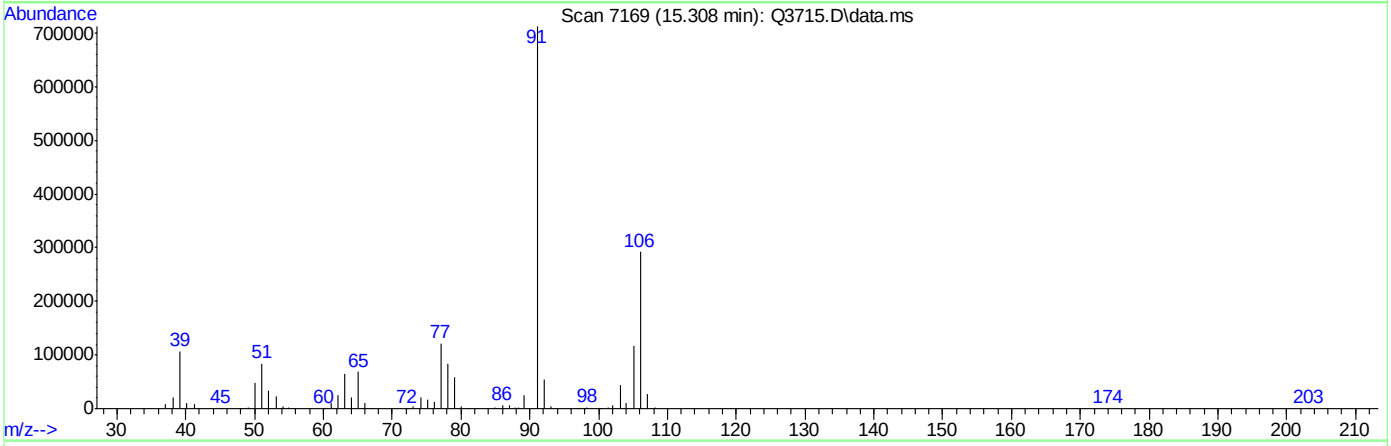


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3715.D
Acq On : 14 Jun 2007 11:26 am
Operator : PhilipB
Sample : IC201-40 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 11:55:36 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:02:32 2007
Response via : Initial Calibration





TIC: Q3715.D\data.ms

(56) m,p-XYLENE (m)

15.308min (-0.026) 24.69PPBV

response 342816

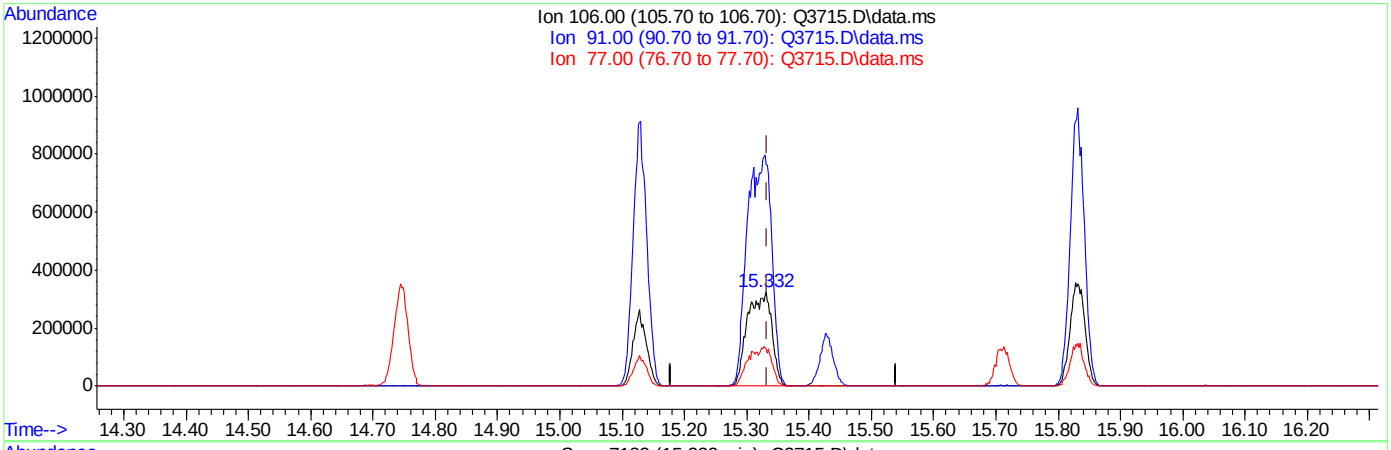
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	244.32
77.00	30.60	41.58#
0.00	0.00	0.00

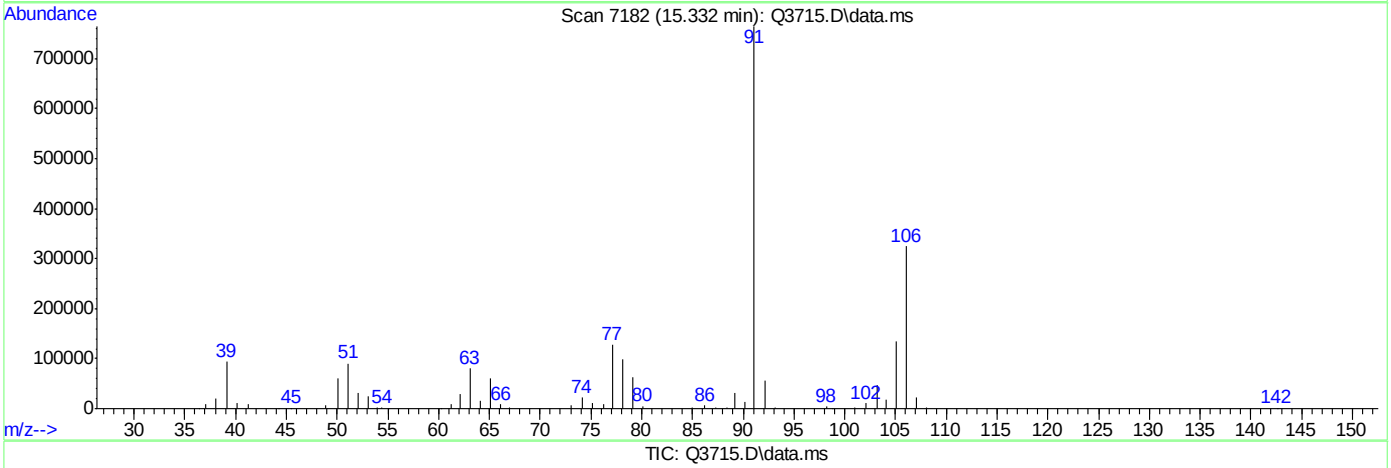
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3715.D
Acq On : 14 Jun 2007 11:26 am
Operator : PhilipB
Sample : IC201-40 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 11:55:36 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:02:32 2007
Response via : Initial Calibration





TIC: Q3715.D\data.ms

(56) m,p-XYLENE (m)

15.332min (-0.002) 62.62PPBV m

response 869610

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	235.52
77.00	30.60	39.17#
0.00	0.00	0.00

ACCUTEST Laboratories M65803

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
06/15/07 16:35

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:25:18 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.431	128	48809	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.346	114	306401	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.691	117	196000	10.00	PPBV	-0.01
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.331	95	91422	5.11	PPBV	-0.01
Spiked Amount 5.000	Range 57 - 139		Recovery = 102.20%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.613	85	28346	0.67	PPBV	83
3) PROPYLENE	3.542	41	2736	0.49	PPBV #	57
4) FREON 114	3.877	85	24127	0.70	PPBV #	100
5) CHLOROMETHANE	3.778	50	3108	0.44	PPBV	73
6) VINYL CHLORIDE	4.005	62	5323	0.60	PPBV #	63
7) 1,3-BUTADIENE	4.140	39	4284	0.57	PPBV #	100
8) BROMOMETHANE	4.418	94	6327	0.73	PPBV #	100
9) CHLOROETHANE	4.589	64	2196	0.57	PPBV	100
10) TRICHLOROFLUOROMETHANE	5.403	101	21474m	0.49	PPBV	
11) ISOPROPYL ALCOHOL	5.473	45	7355m	0.58	PPBV	
12) ACETONE	5.217	43	11018	0.69	PPBV	86
13) PENTANE	5.789	42	2652m	0.39	PPBV	
14) 1,1-DICHLOROETHYLENE	6.101	96	5433m	0.62	PPBV	
15) CARBON DISULFIDE	6.536	76	11180	0.45	PPBV #	60
16) ETHANOL	4.706	45	1464m	0.71	PPBV	
17) BROMOETHENE	4.961	106	4523	0.59	PPBV #	100
18) METHYLENE CHLORIDE	6.209	84	8826	0.91	PPBV #	1
19) 3-CHLOROPROPENE	6.337	39	6986m	0.56	PPBV	
20) FREON 113	6.482	151	7439m	0.47	PPBV	
21) TRANS-1,2-DICHLOROETHY...	7.201	96	4375m	0.54	PPBV	
22) TERTIARY BUTYL ALCOHOL	6.128	59	9786	0.57	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.466	73	13822	0.56	PPBV #	100
24) TETRAHYDROFURAN	8.985	42	1983m	0.33	PPBV	
25) HEXANE	8.476	57	4747m	0.57	PPBV	
26) VINYL ACETATE	7.551	43	7748	0.43	PPBV	68
27) 1,1-DICHLOROETHANE	7.404	63	10049m	0.52	PPBV	
28) METHYL ETHYL KETONE	7.817	43	4971m	0.42	PPBV	
29) cis-1,2-DICHLOROETHYLENE	8.254	96	2525	0.41	PPBV #	100
30) ETHYL ACETATE	8.472	43	10480	0.50	PPBV #	100
31) CHLOROFORM	8.559	83	12916	0.56	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.555	97	15592	0.59	PPBV #	42
33) CARBON TETRACHLORIDE	10.169	117	15478	0.57	PPBV	87
34) 1,2-DICHLOROETHANE	9.310	62	9716m	0.58	PPBV	
36) BENZENE	10.014	78	11369	0.44	PPBV	72
37) CYCLOHEXANE	10.279	84	1679m	0.22	PPBV	
38) TRICHLOROETHYLENE	11.052	95	5278m	0.40	PPBV	
39) 1,2-DICHLOROPROPANE	10.820	63	3963	0.39	PPBV #	82
40) BROMODICHLOROMETHANE	11.015	83	11878	0.46	PPBV	90
41) 2,2,4-TRIMETHYLPENTANE	11.079	57	14017	0.38	PPBV	95
42) 1,4-DIOXANE	11.058	88	1834m	0.40	PPBV	
43) HEPTANE	11.322	43	3836m	0.31	PPBV	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:25:18 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration

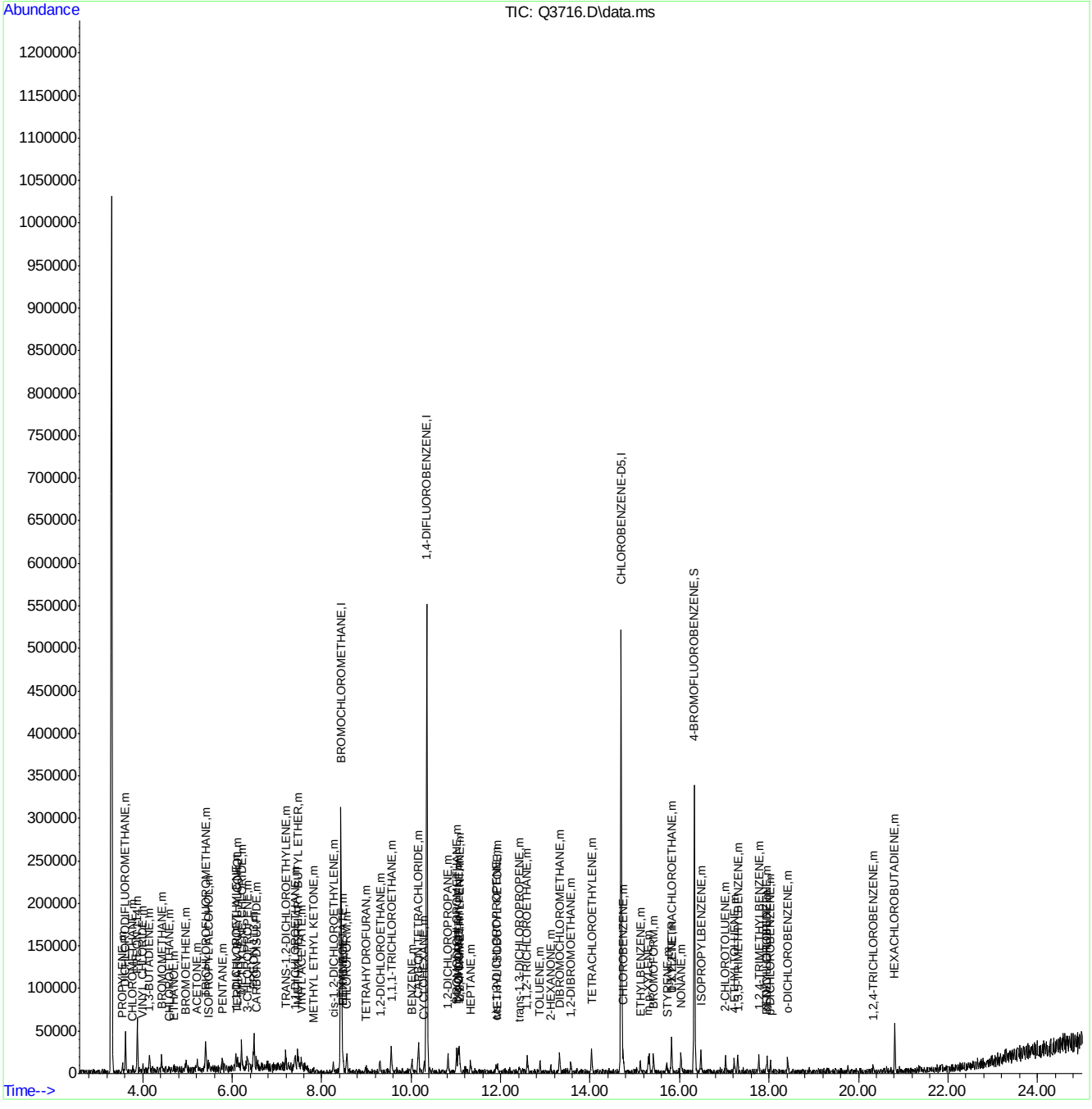
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.924	43	4859m	0.24	PPBV	
45) cis-1,3-DICHLOROPROPENE	11.896	75	4094	0.26	PPBV #	40
46) TOLUENE	12.884	92	4487	0.26	PPBV #	80
47) trans-1,3-DICHLOROPROPENE	12.416	75	2670m	0.20	PPBV	
48) 1,1,2-TRICHLOROETHANE	12.597	83	3642m	0.30	PPBV	
50) 2-HEXANONE	13.122	43	4055m	0.37	PPBV	
51) TETRACHLOROETHYLENE	14.029	164	2768	0.45	PPBV #	64
52) DIBROMOCHLOROMETHANE	13.315	129	7893	0.51	PPBV #	60
53) 1,2-DIBROMOETHANE	13.564	107	5010	0.40	PPBV #	95
54) CHLOROBENZENE	14.737	112	7551m	0.51	PPBV	
55) ETHYLBENZENE	15.134	91	8173m	0.31	PPBV	
56) m,p-XYLENE	15.292	106	7715m	0.82	PPBV	
57) o-XYLENE	15.818	106	3870m	0.40	PPBV	
58) STYRENE	15.717	104	3882m	0.33	PPBV	
59) NONANE	16.029	43	5054	0.34	PPBV #	79
60) BROMOFORM	15.415	173	5889	0.41	PPBV	80
62) 1,1,2,2-TETRACHLOROETHANE	15.812	83	9713m	0.50	PPBV	
63) ISOPROPYLBENZENE	16.482	105	11916	0.39	PPBV	76
64) 2-CHLOROTOLUENE	17.025	91	7640	0.33	PPBV	83
65) 4-ETHYLTOLUENE	17.225	105	6789m	0.28	PPBV	
66) 1,3,5-TRIMETHYLBENZENE	17.301	105	8160m	0.31	PPBV	
67) 1,2,4-TRIMETHYLBENZENE	17.777	105	6028	0.25	PPBV	98
68) m-DICHLOROBENZENE	17.956	146	5611m	0.44	PPBV	
69) BENZYL CHLORIDE	17.935	91	3760	0.25	PPBV	88
70) p-DICHLOROBENZENE	18.026	146	4087m	0.36	PPBV	
71) o-DICHLOROBENZENE	18.420	146	4162	0.34	PPBV #	76
72) HEXACHLOROBUTADIENE	20.812	225	4156	0.59	PPBV #	73
73) 1,2,4-TRICHLOROBENZENE	20.324	180	492m	0.26	PPBV	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:25:18 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration

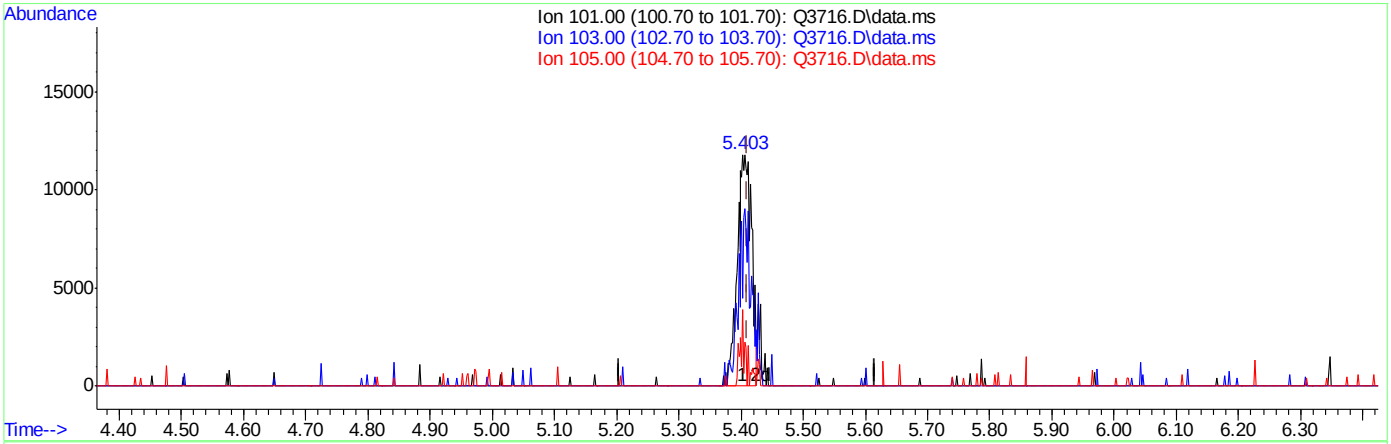


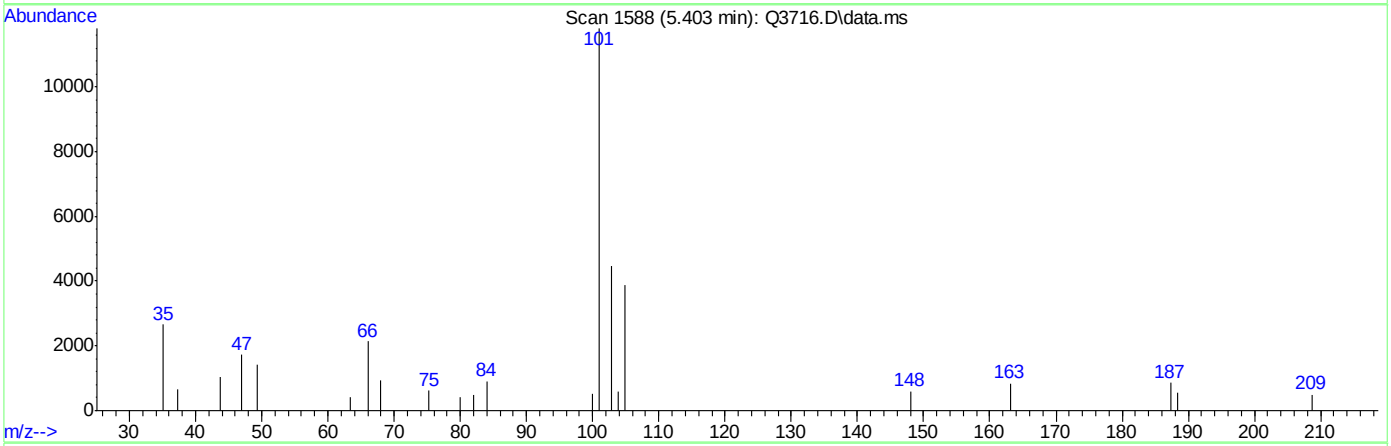
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(10) TRICHLOROFLUOROMETHANE (m)

5.403min (-0.007) 0.45PPBV

response 19570

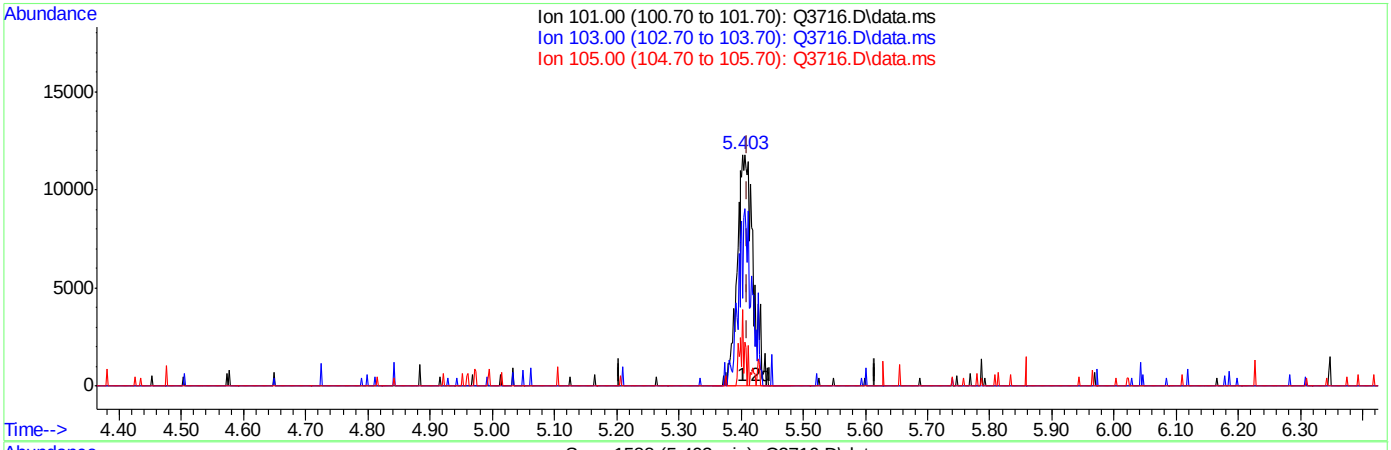
Ion	Exp%	Act%
101.00	100	100
103.00	0.00	28.42#
105.00	0.00	11.05
0.00	0.00	0.00

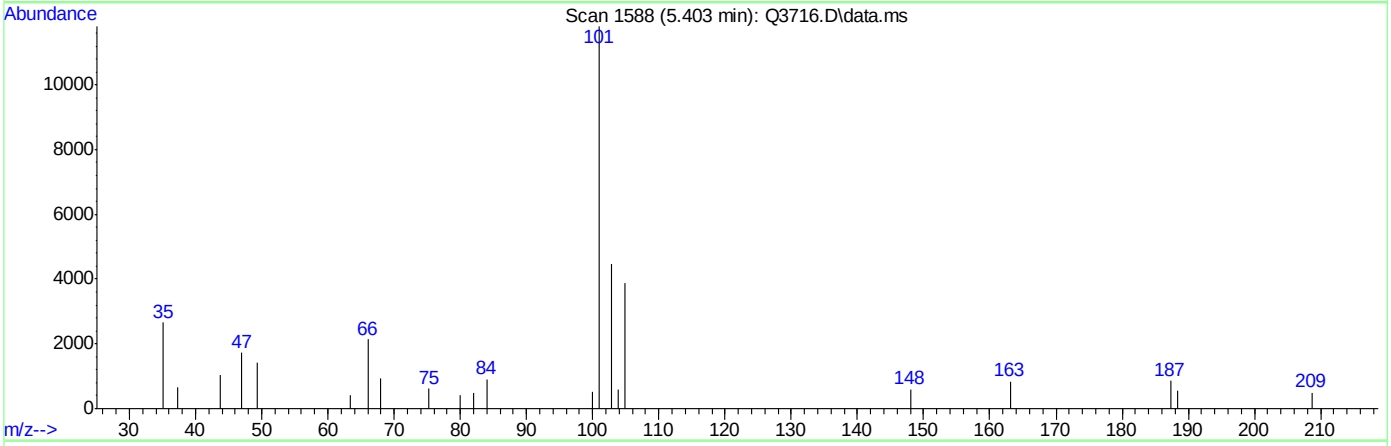
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(10) TRICHLOROFLUOROMETHANE (m)

5.403min (-0.007) 0.49PPBV m

response 21474

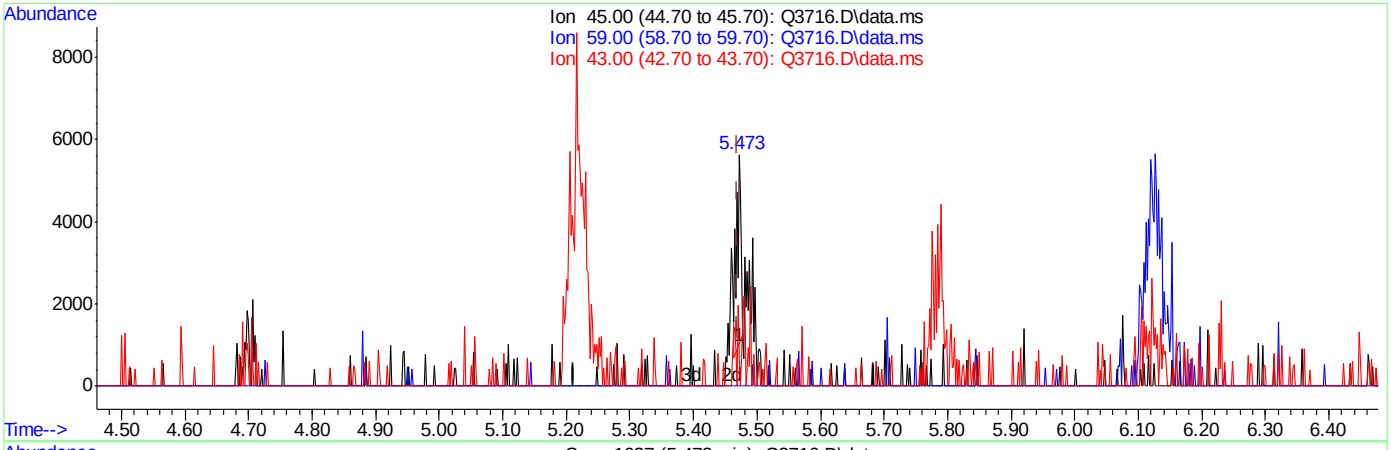
Ion	Exp%	Act%
101.00	100	100
103.00	0.00	25.90#
105.00	0.00	10.07
0.00	0.00	0.00

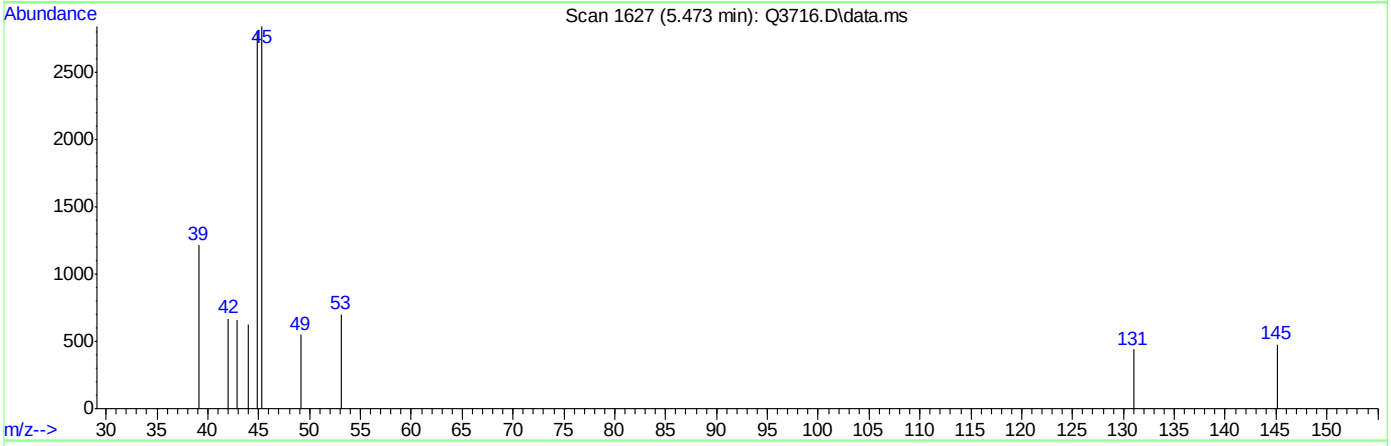
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On    : 14 Jun 2007  12:07 pm
Operator  : PhilipB
Sample    : IC201-.5 (M068)
Misc      : MS13699, MSQ201,,,,,1
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration
```



TIC: Q3716.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.473min (+0.004) 0.17PPBV

response 2156

Ion	Exp%	Act%
45.00	100	100
59.00	2.80	0.00
43.00	22.80	11.62
0.00	0.00	0.00

ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On    : 14 Jun 2007  12:07 pm
Operator  : PhilipB
Sample    : IC201-.5 (M068)
Misc      : MS13699, MSQ201,,,,,1
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration
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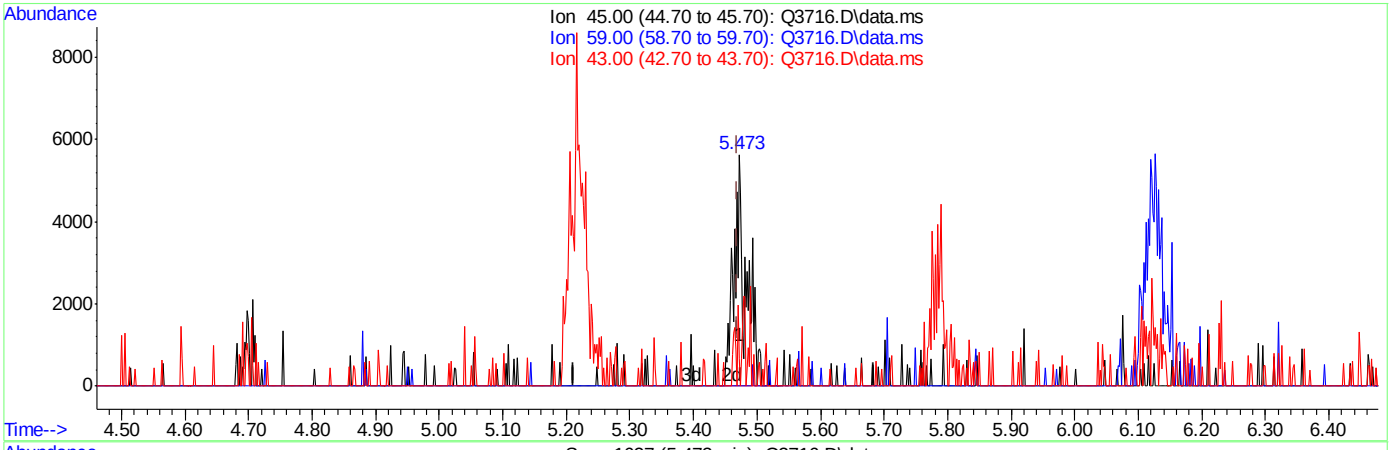
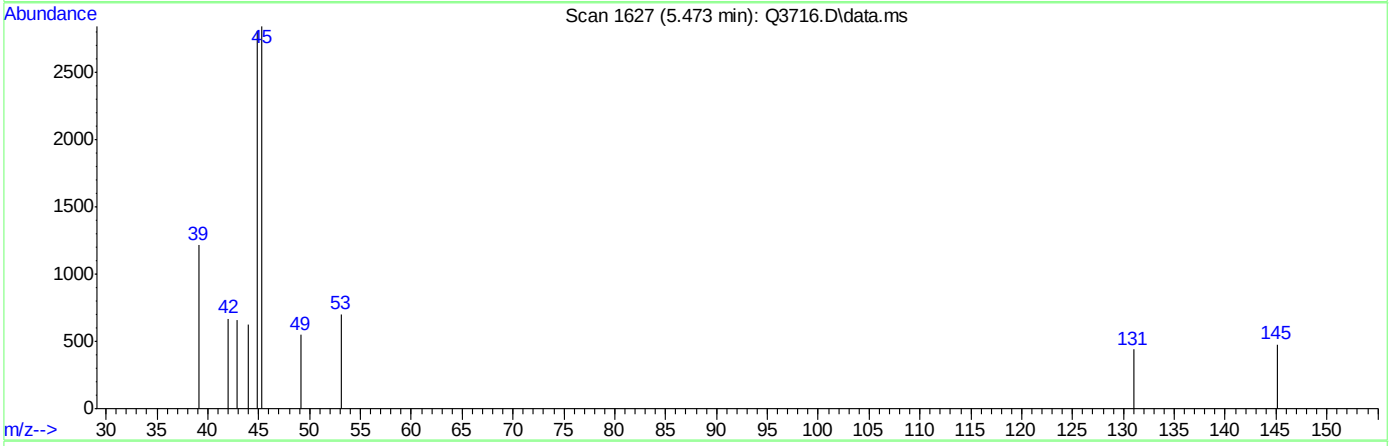




TIC: Q3716.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.473min (+0.004) 0.58PPBV m

response 7355

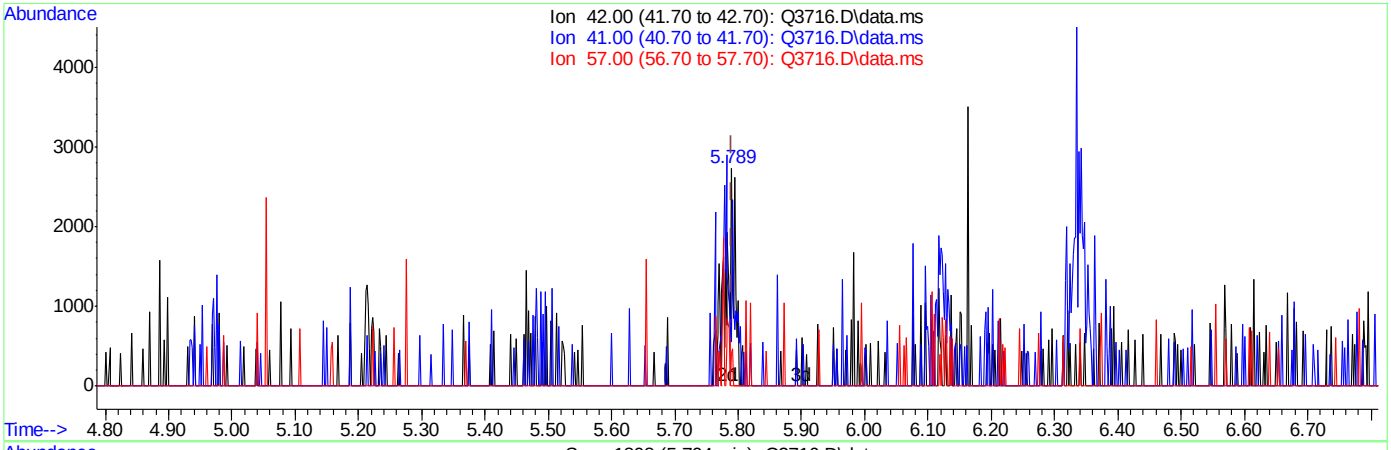
Ion	Exp%	Act%
45.00	100	100
59.00	2.80	0.00
43.00	22.80	23.08
0.00	0.00	0.00

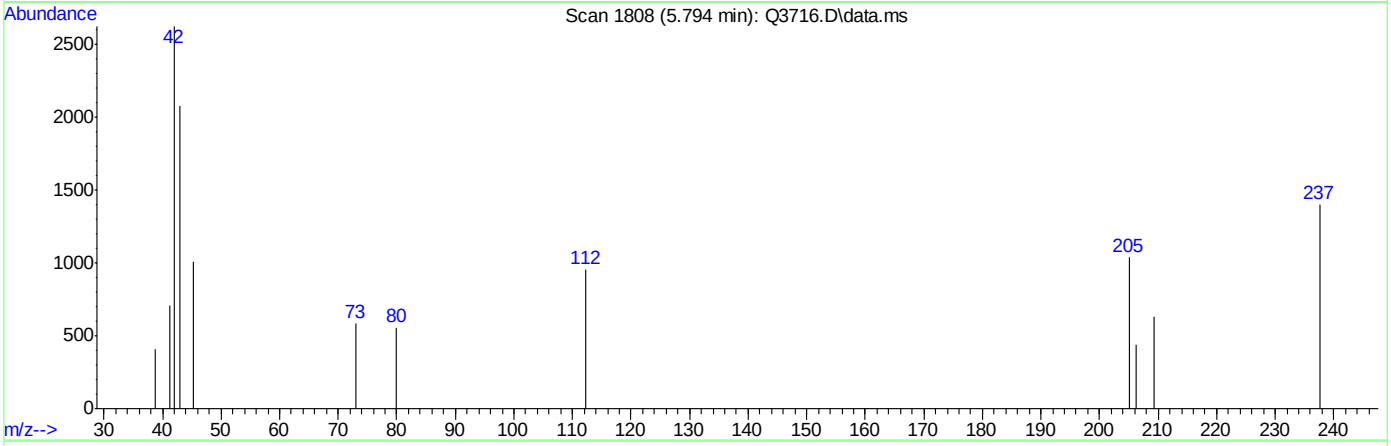
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(13) PENTANE (m)

5.794min (+0.004) 0.17PPBV

response 1182

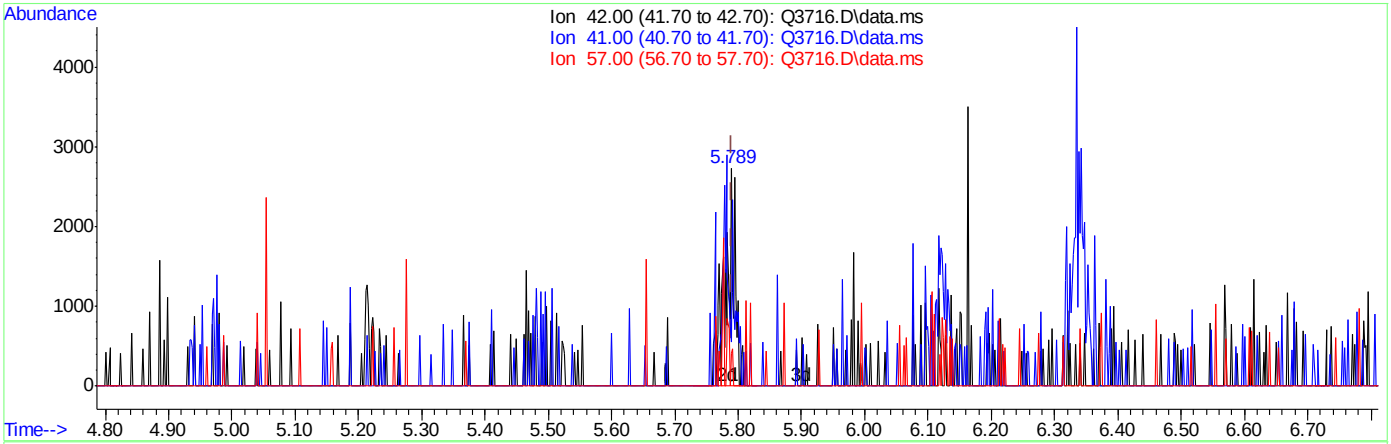
Ion	Exp%	Act%
42.00	100	100
41.00	0.00	7.95
57.00	0.00	19.12
0.00	0.00	0.00

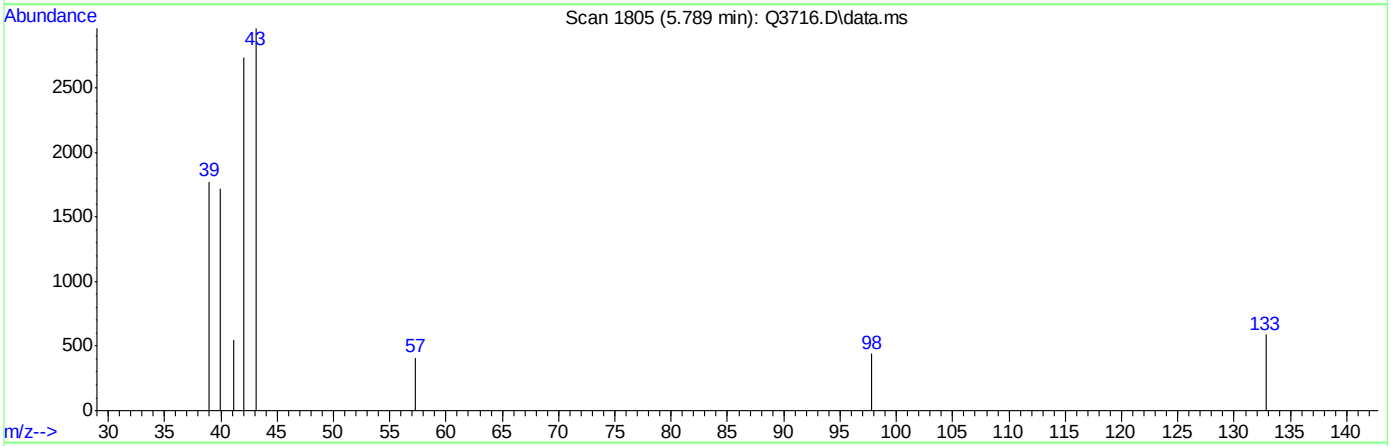
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(13) PENTANE (m)

5.789min (-0.002) 0.39PPBV m

response 2652

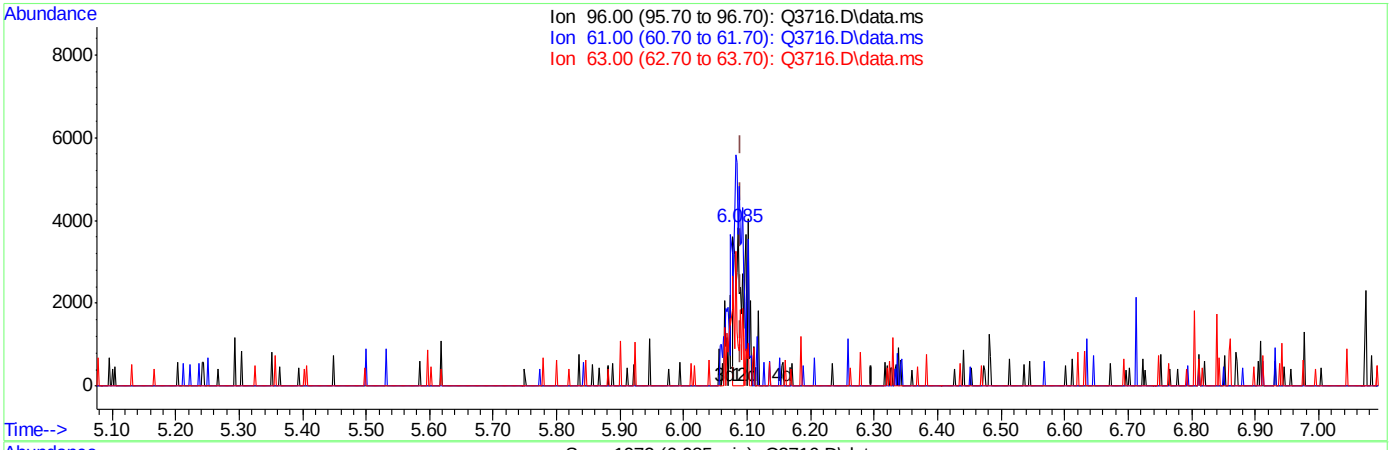
Ion	Exp%	Act%
42.00	100	100
41.00	0.00	3.54
57.00	0.00	8.52
0.00	0.00	0.00

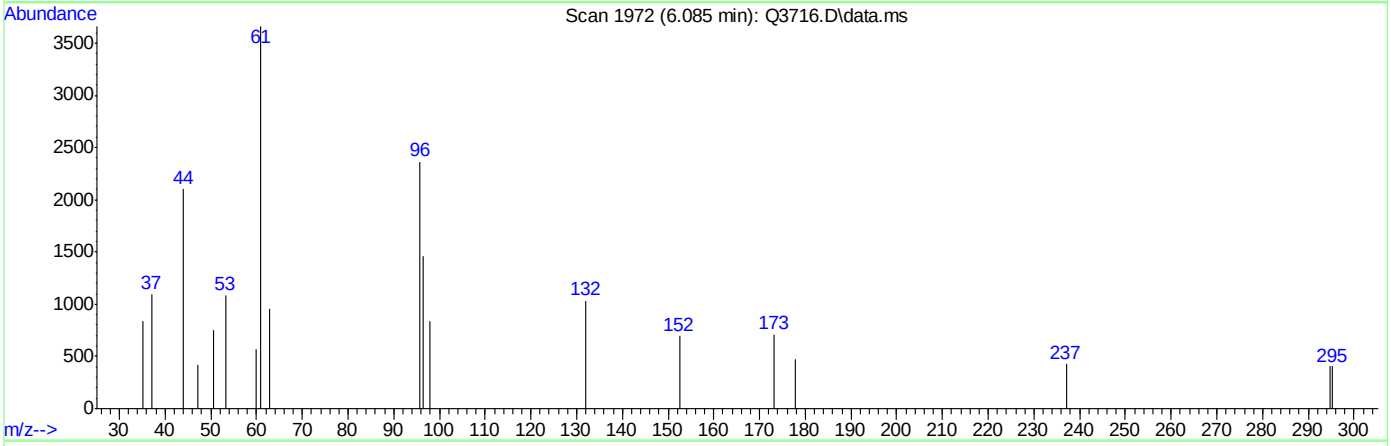
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(14) 1,1-DICHLOROETHYLENE (m)

6.085min (-0.005) 0.32PPBV

response 2792

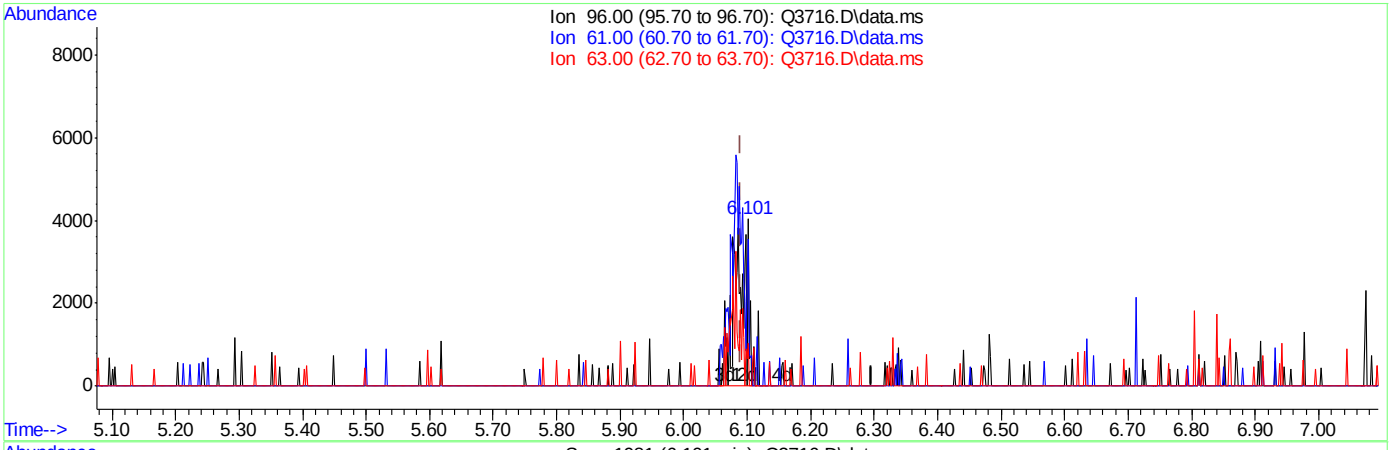
Ion	Exp%	Act%
96.00	100	100
61.00	0.10	230.09#
63.00	0.00	79.84#
0.00	0.00	0.00

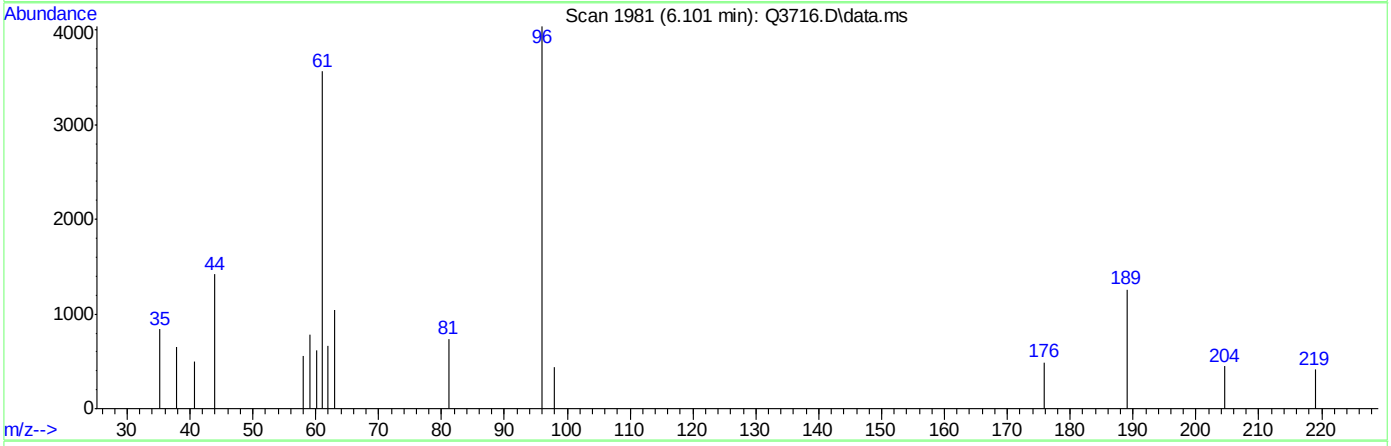
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(14) 1,1-DICHLOROETHYLENE (m)

6.101min (+0.011) 0.62PPBV m

response 5433

Ion	Exp%	Act%
96.00	100	100
61.00	0.10	118.24#
63.00	0.00	41.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

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Quant Method : C:\msdchem\1\METHODS\Q061307T.m
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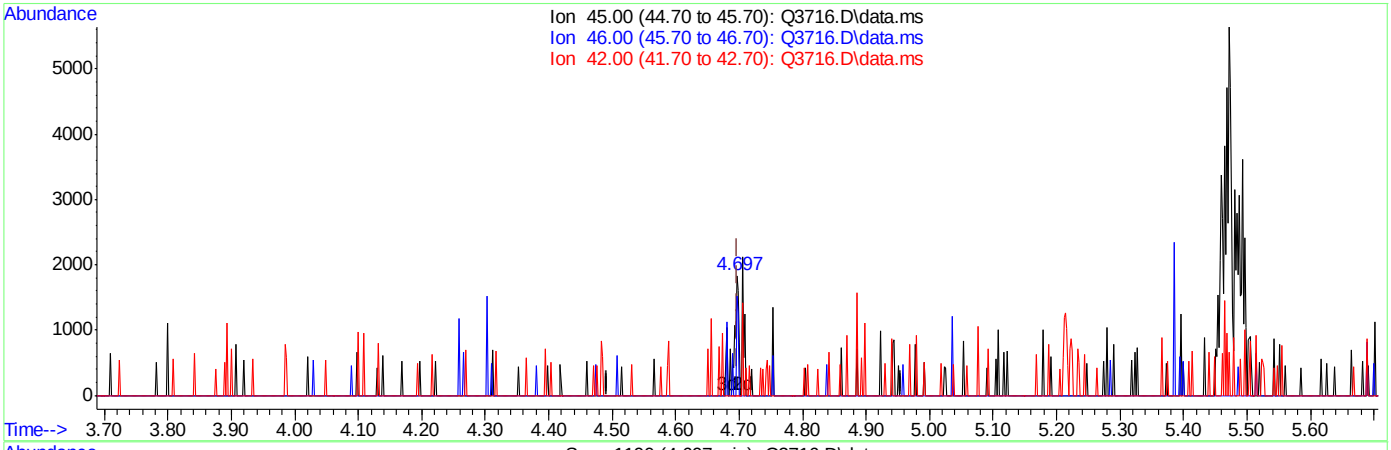
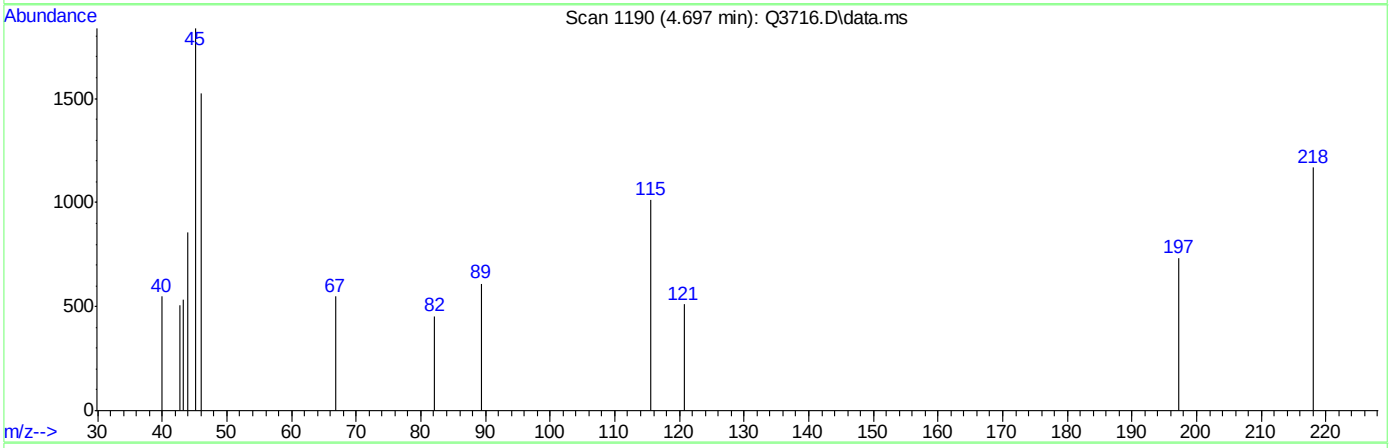
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(16) ETHANOL (m)

4.697min (-0.001) 0.37PPBV

response 758

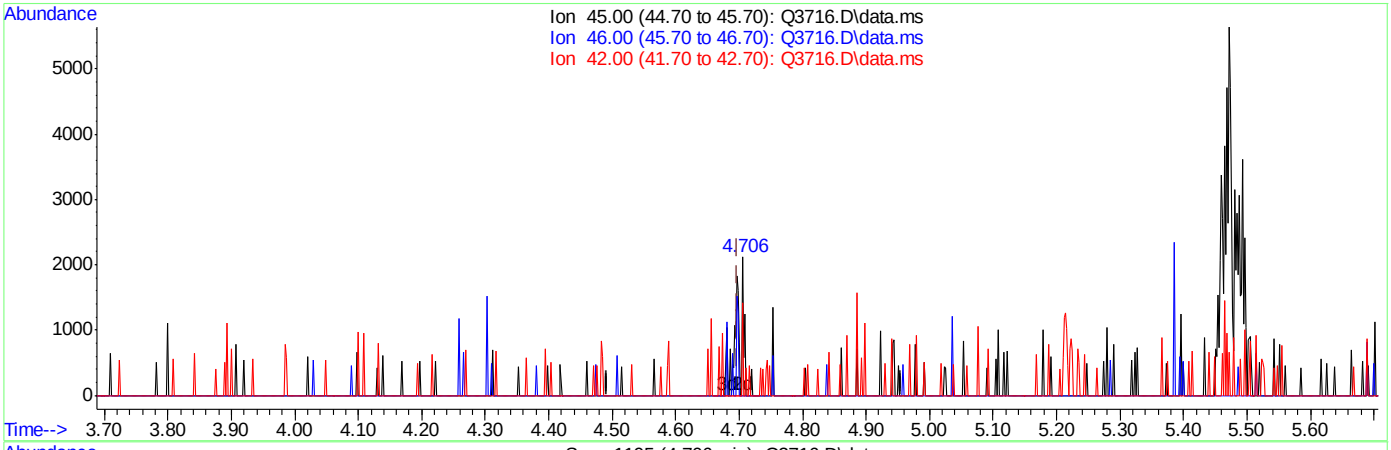
Ion	Exp%	Act%
45.00	100	100
46.00	0.00	39.05#
42.00	0.00	0.00
0.00	0.00	0.00

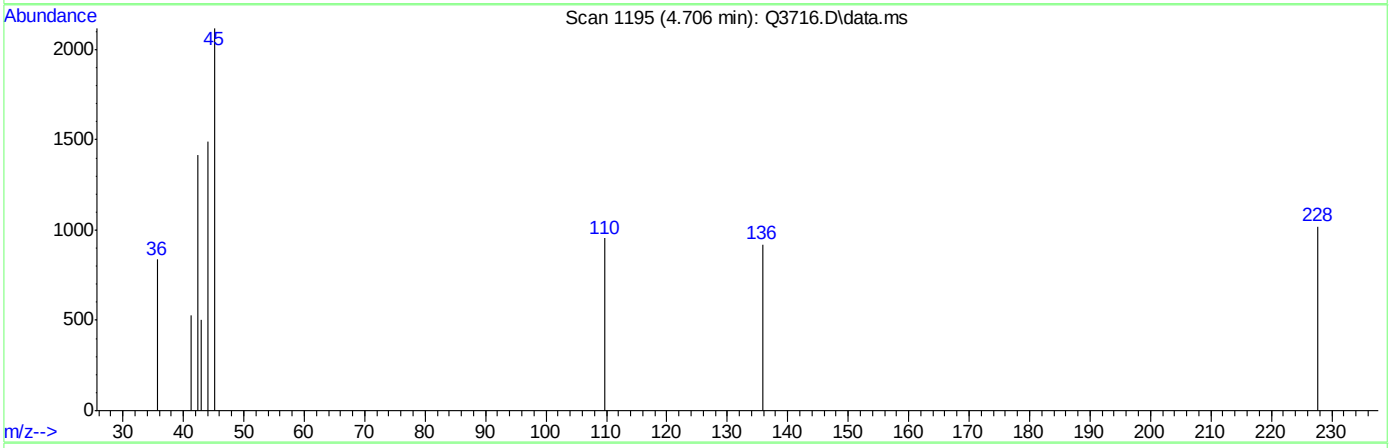
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(16) ETHANOL (m)

4.706min (+0.008) 0.71PPBV m

response 1464

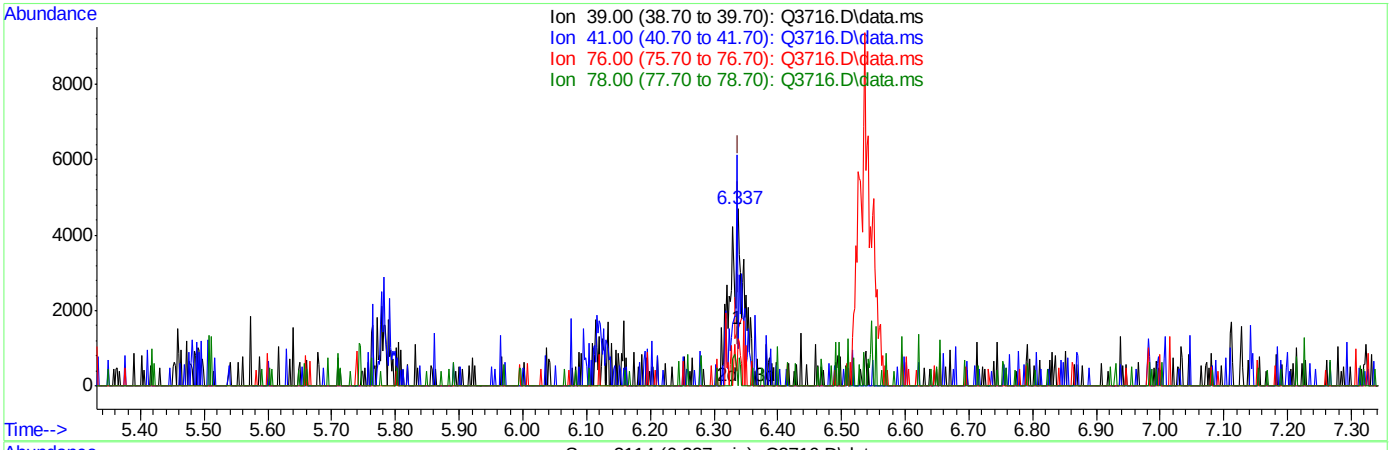
Ion	Exp%	Act%
45.00	100	100
46.00	0.00	20.22#
42.00	0.00	0.00
0.00	0.00	0.00

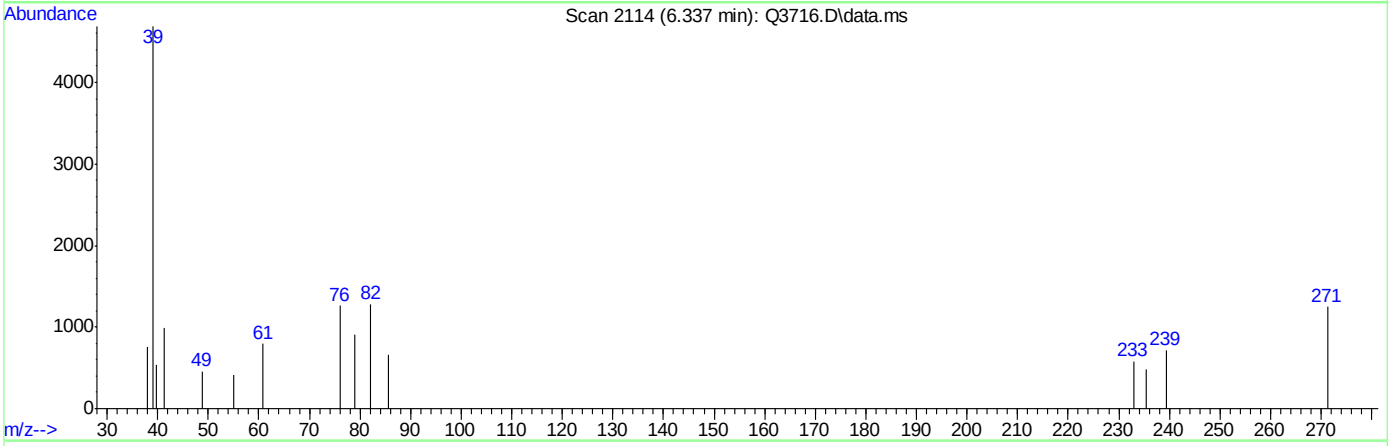
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(19) 3-CHLOROPROPENE (m)

6.337min (-0.002) 0.08PPBV

response 1048

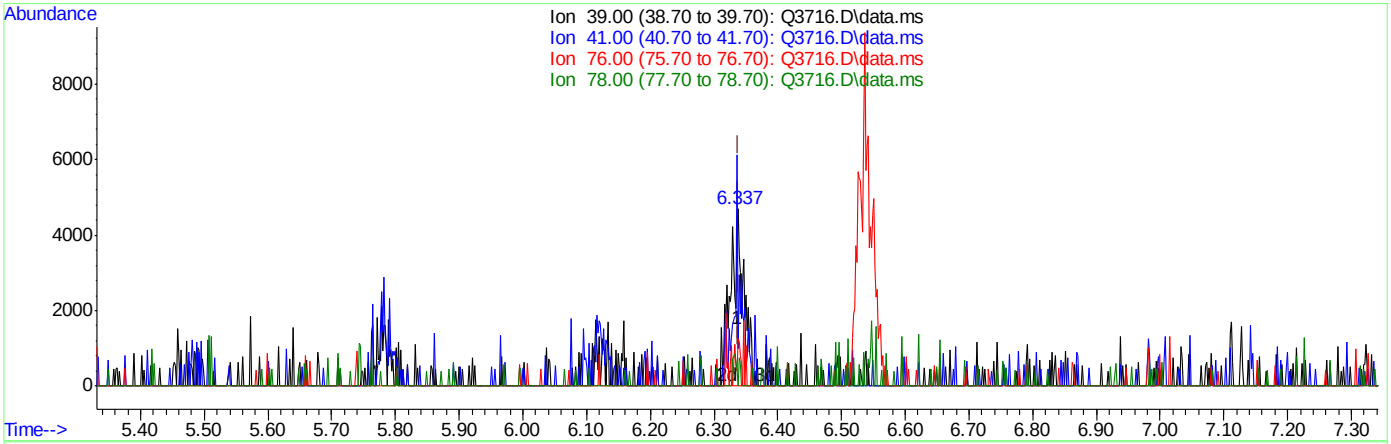
Ion	Exp%	Act%
39.00	100	100
41.00	0.30	402.48#
76.00	0.00	67.65#
78.00	0.00	40.55#

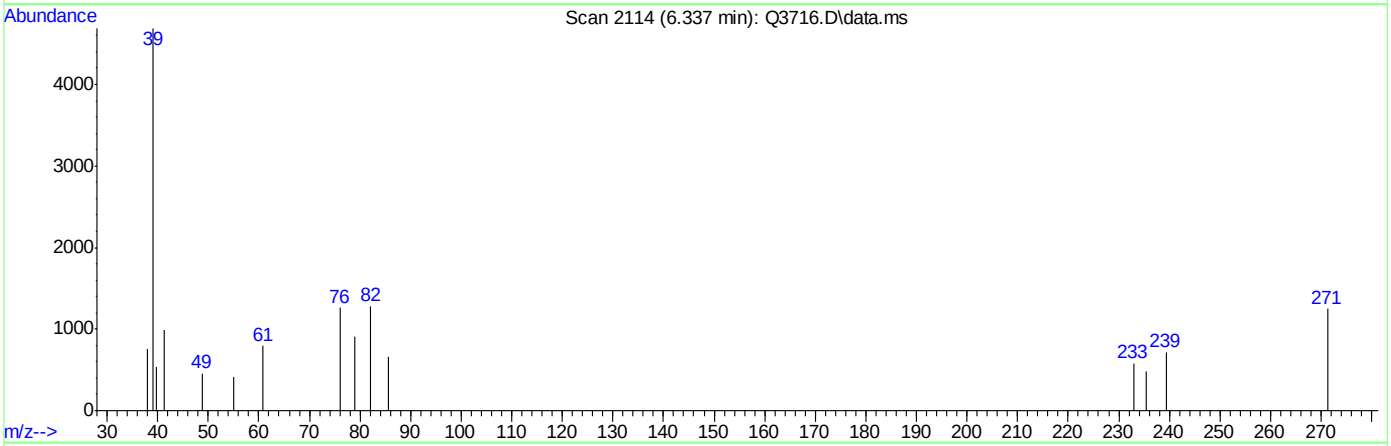
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(19) 3-CHLOROPROPENE (m)

6.337min (-0.002) 0.56PPBV m

response 6986

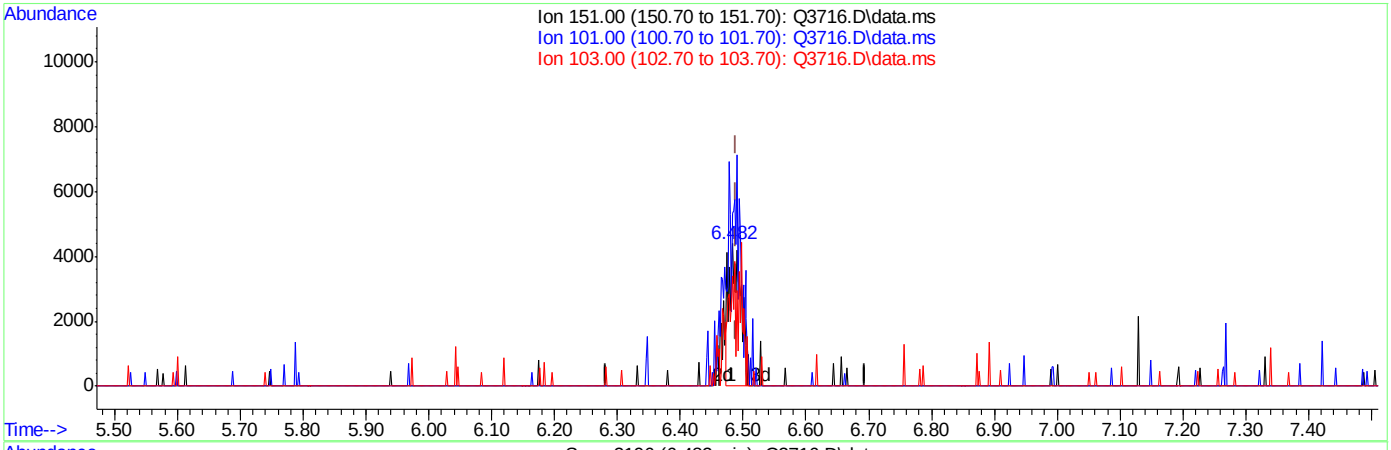
Ion	Exp%	Act%
39.00	100	100
41.00	0.30	60.38#
76.00	0.00	10.15
78.00	0.00	6.08

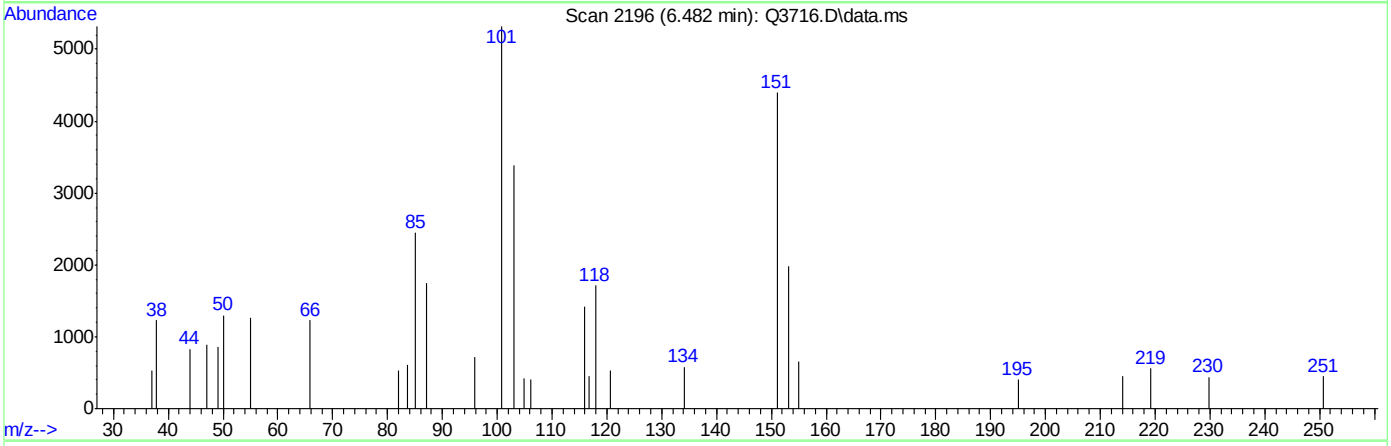
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(20) FREON 113 (m)

6.482min (-0.007) 0.37PPBV

response 5860

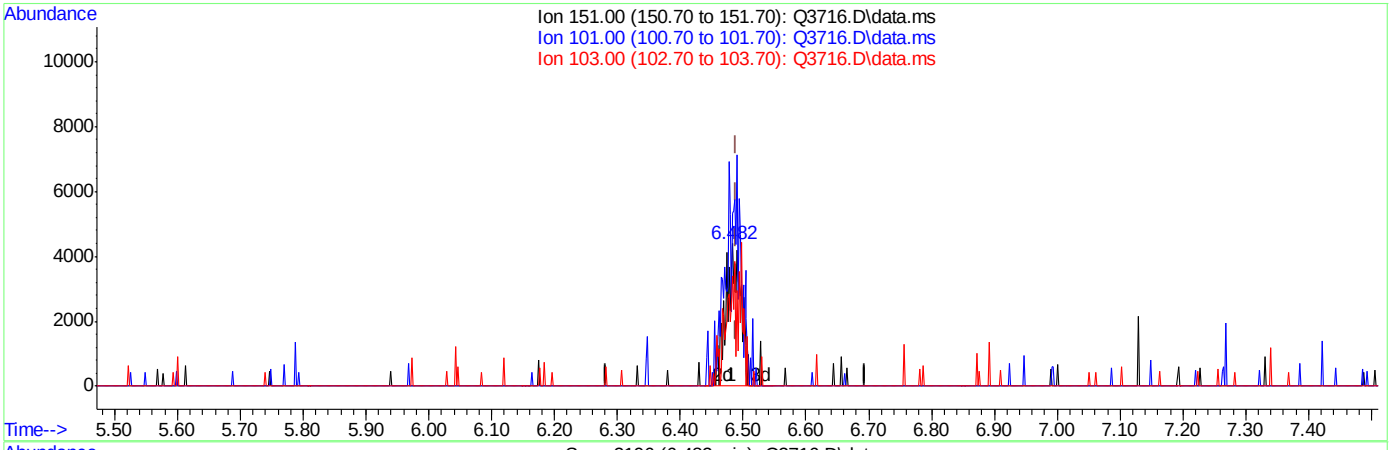
Ion	Exp%	Act%
151.00	100	100
101.00	0.00	157.06#
103.00	0.00	70.72#
0.00	0.00	0.00

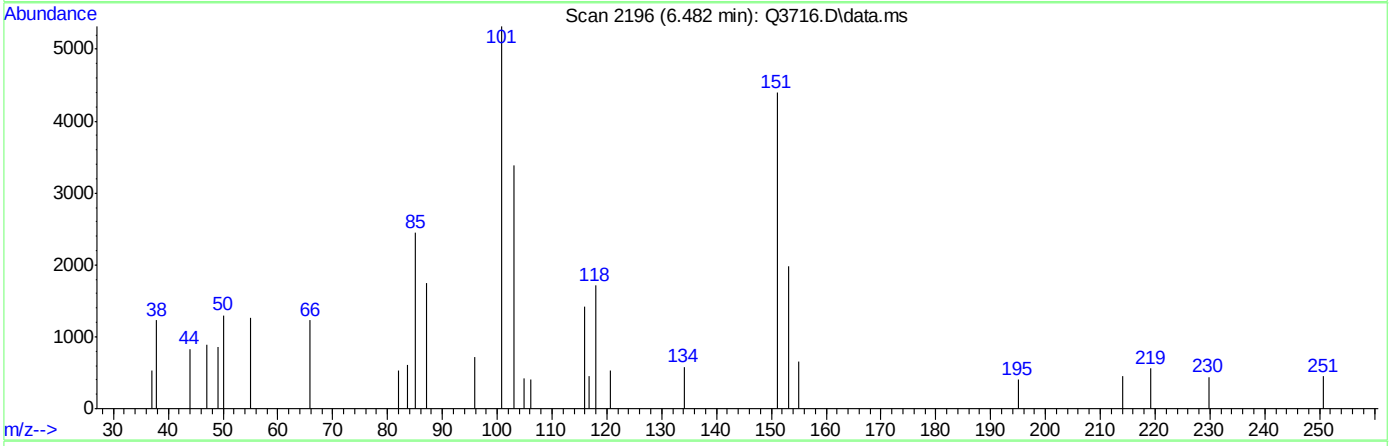
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(20) FREON 113 (m)

6.482min (-0.007) 0.47PPBV m

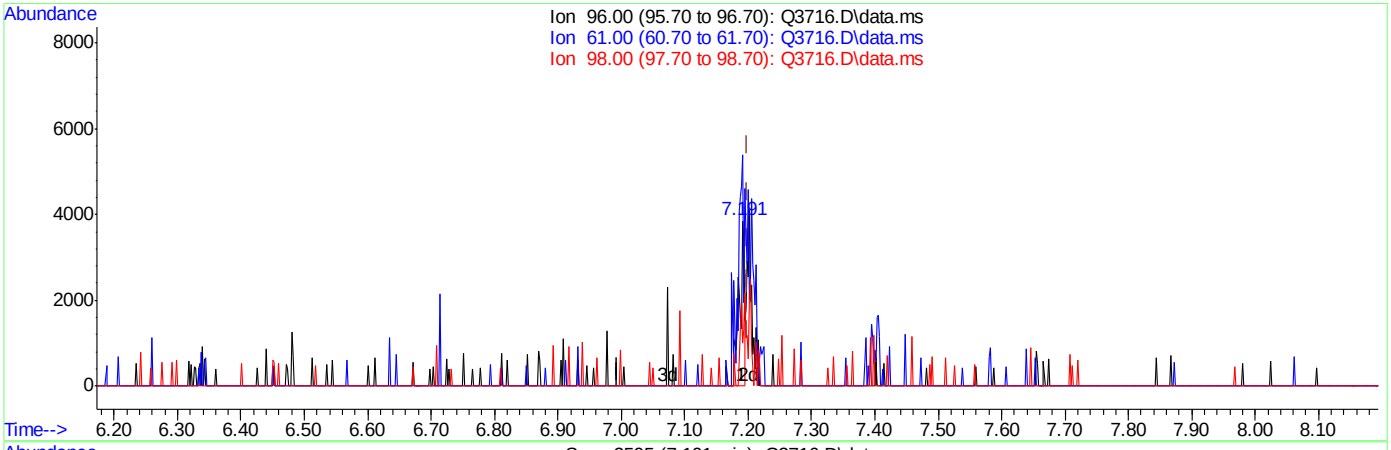
response 7439

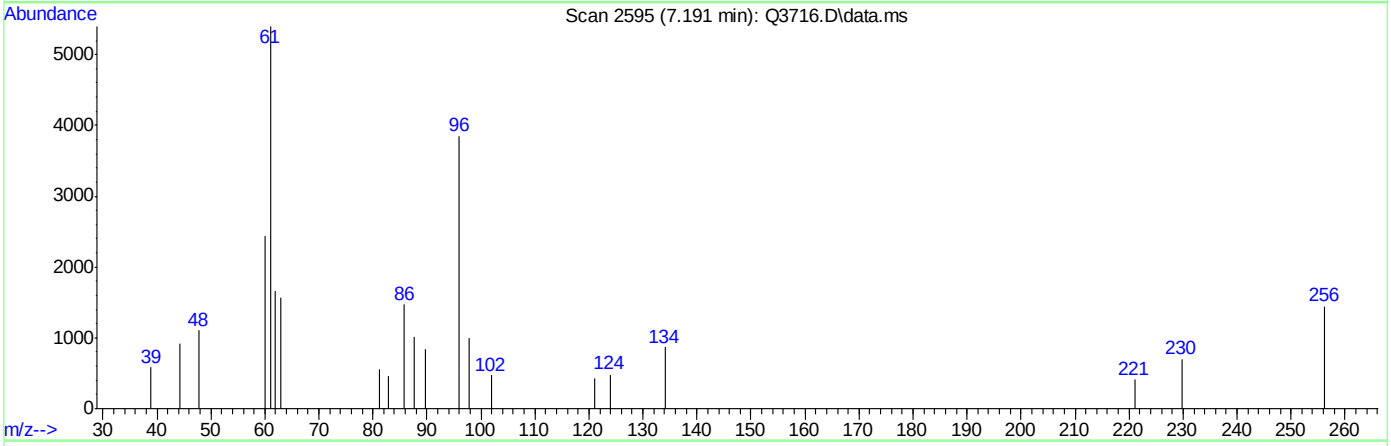
Ion	Exp%	Act%
151.00	100	100
101.00	0.00	123.73#
103.00	0.00	55.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(21) TRANS-1,2-DICHLOROETHYLENE (m)

7.191min (-0.009) 0.26PPBV

response 2086

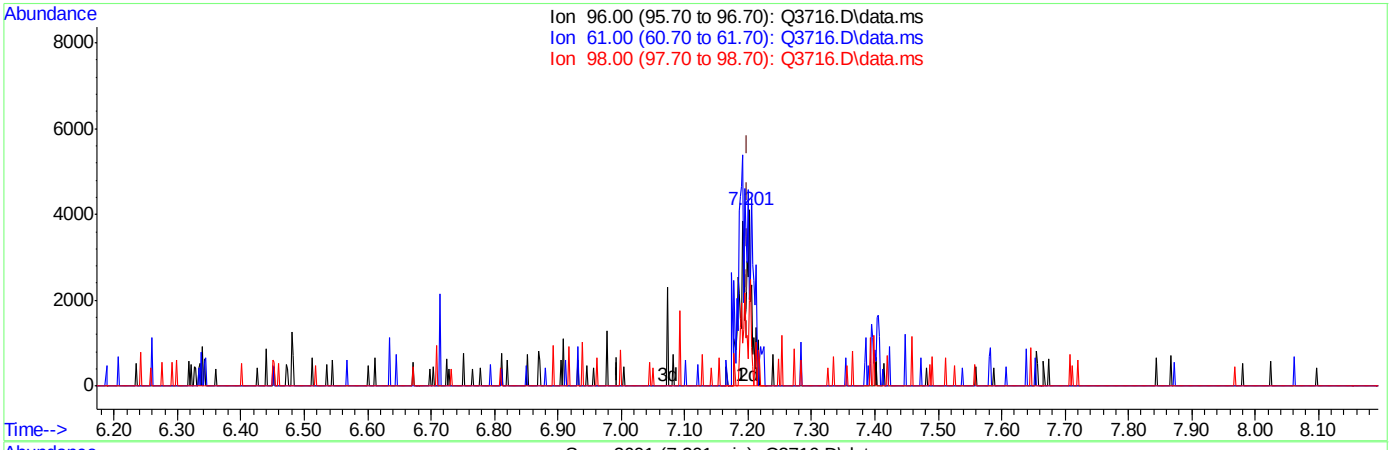
Ion	Exp%	Act%
96.00	100	100
61.00	0.00	243.14#
98.00	0.00	0.00
0.00	0.00	0.00

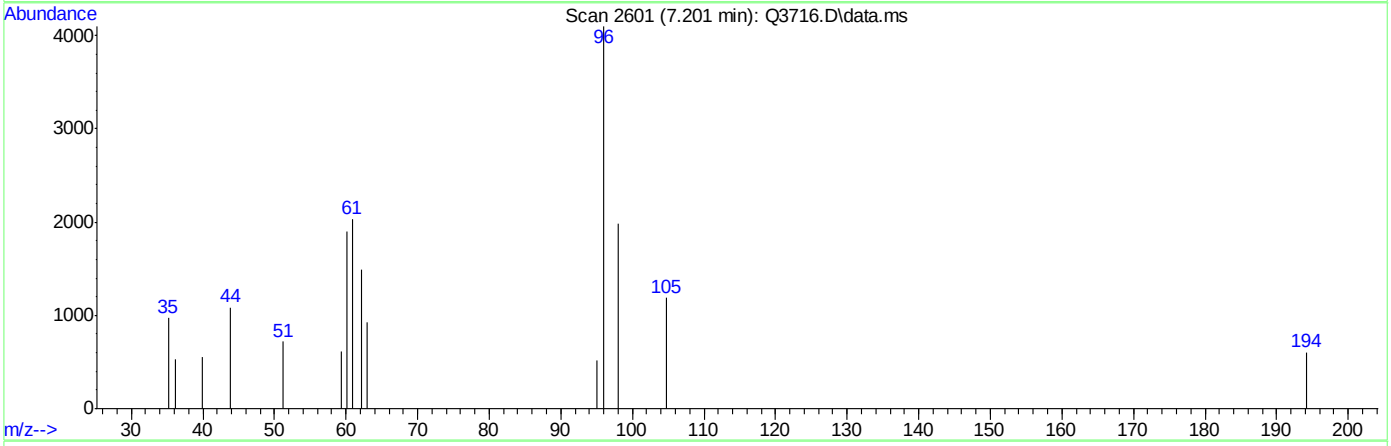
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(21) TRANS-1,2-DICHLOROETHYLENE (m)

7.201min (+0.002) 0.54PPBV m

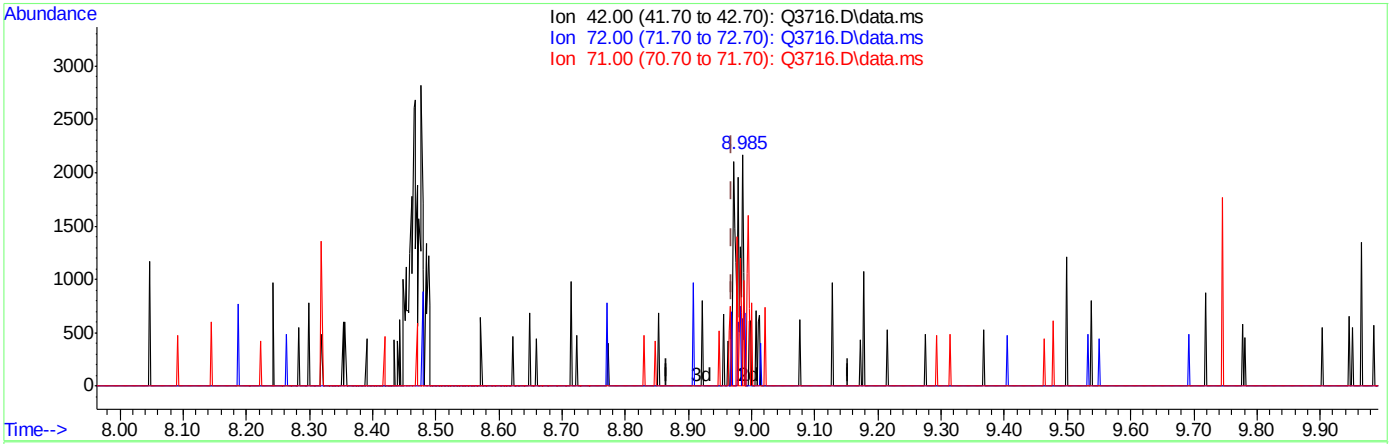
response 4375

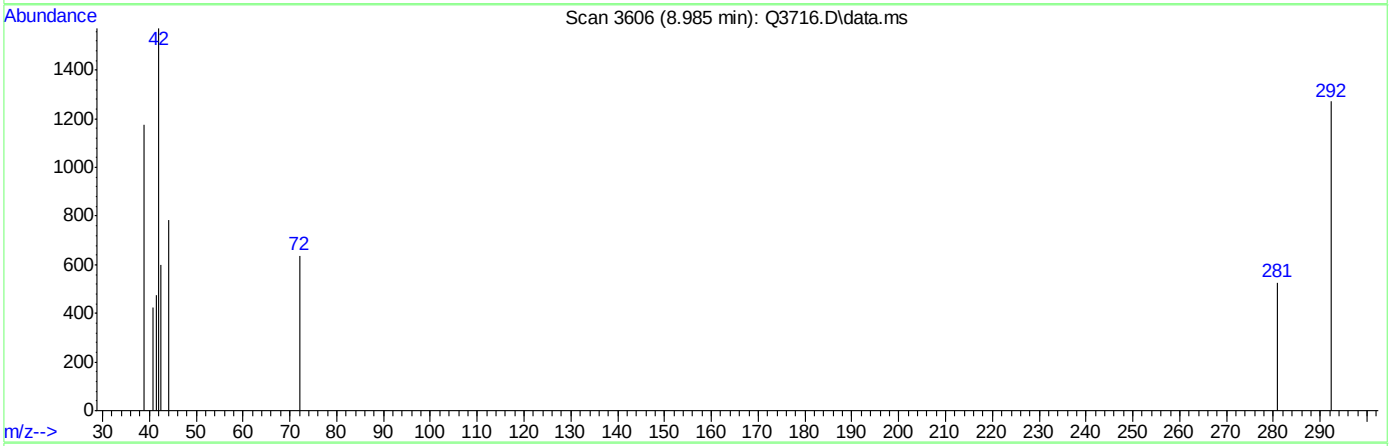
Ion	Exp%	Act%
96.00	100	100
61.00	0.00	115.93#
98.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(24) TETRAHYDROFURAN (m)

8.985min (+0.016) 0.26PPBV

response 1523

Ion	Exp%	Act%
42.00	100	100
72.00	0.00	25.28#
71.00	0.00	26.46#
0.00	0.00	0.00

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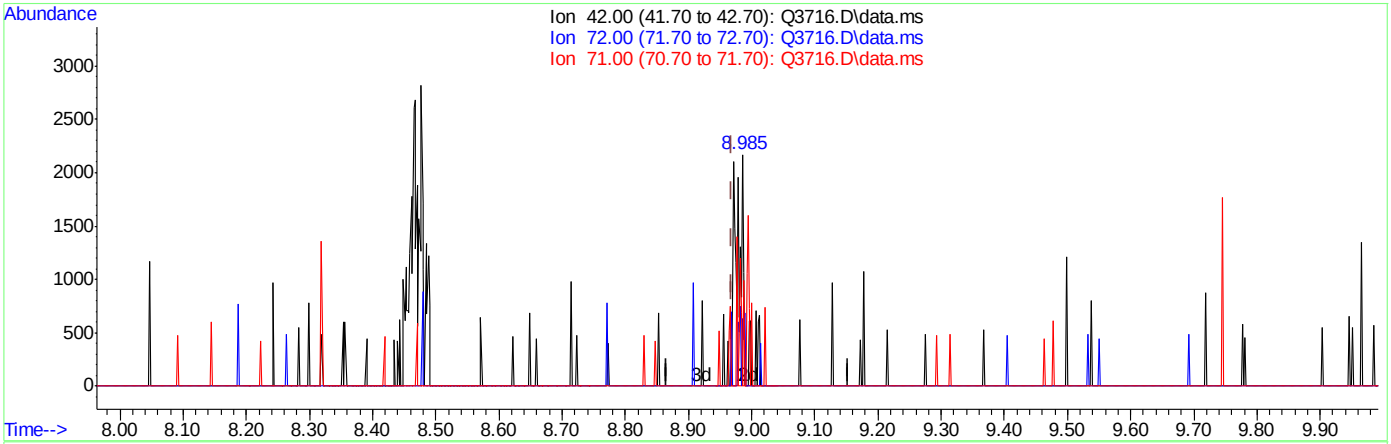
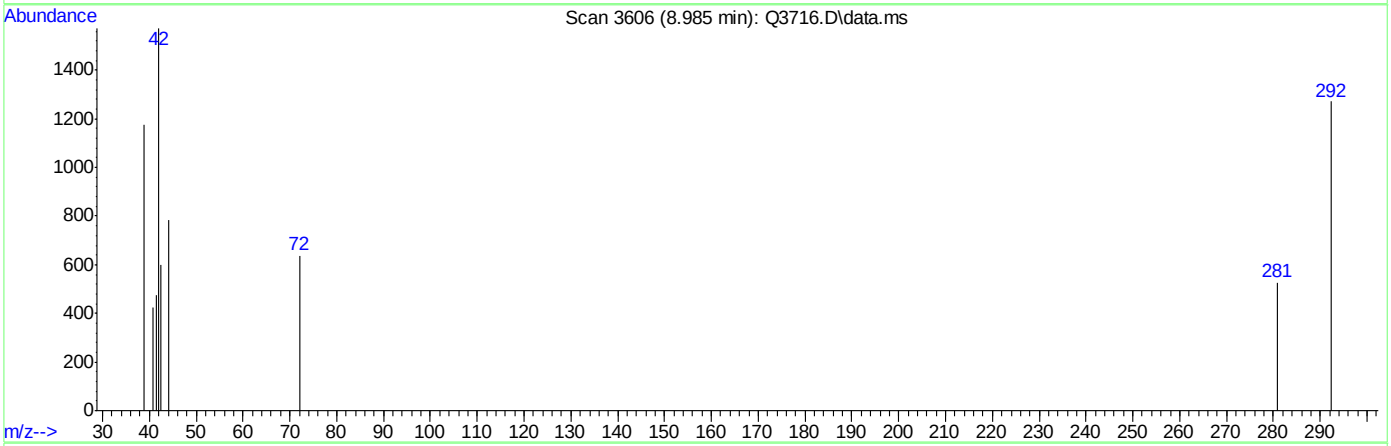
Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On    : 14 Jun 2007  12:07 pm
Operator  : PhilipB
Sample    : IC201-.5 (M068)
Misc      : MS13699, MSQ201,,,,,1
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration
```



TIC: Q3716.D\data.ms

(24) TETRAHYDROFURAN (m)

8.985min (+0.016) 0.33PPBV m

response 1983

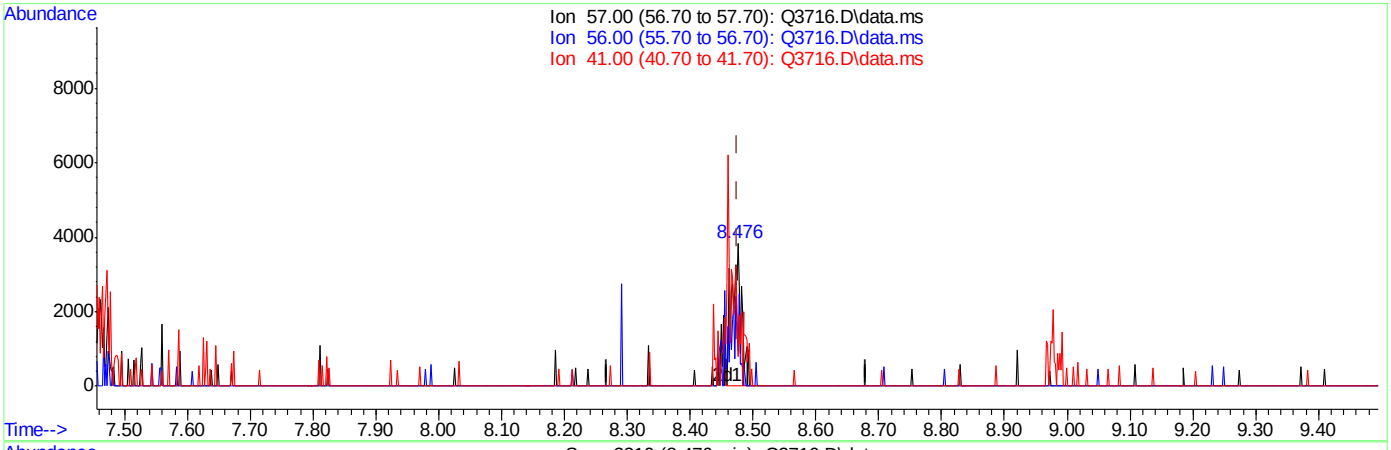
Ion	Exp%	Act%
42.00	100	100
72.00	0.00	19.42
71.00	0.00	20.32#
0.00	0.00	0.00

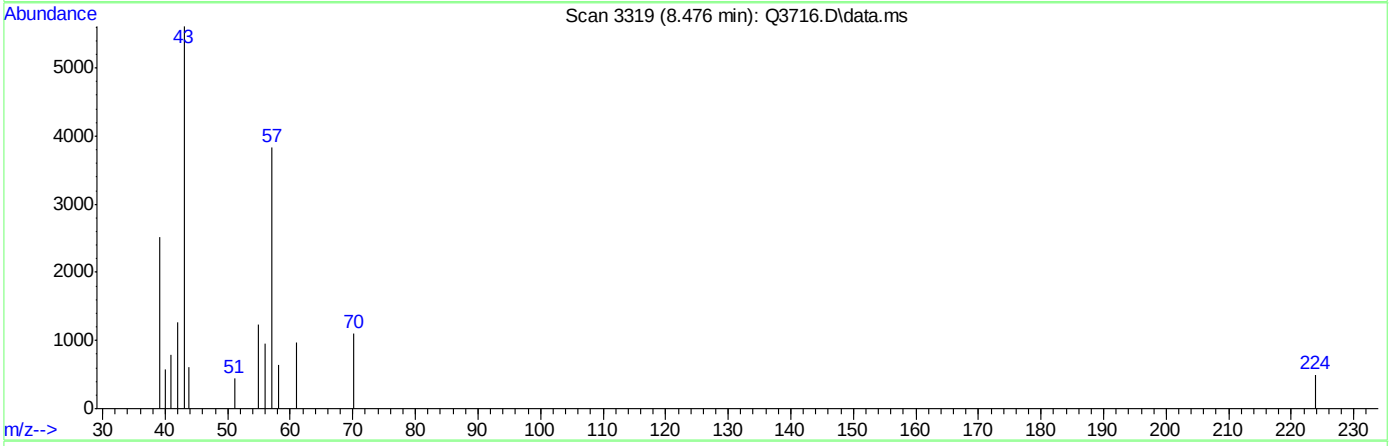
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(25) HEXANE (m)

8.476min (+0.000) 0.49PPBV

response 4049

Ion	Exp%	Act%
57.00	100	100
56.00	0.00	25.71#
41.00	0.00	0.00
0.00	0.00	0.00

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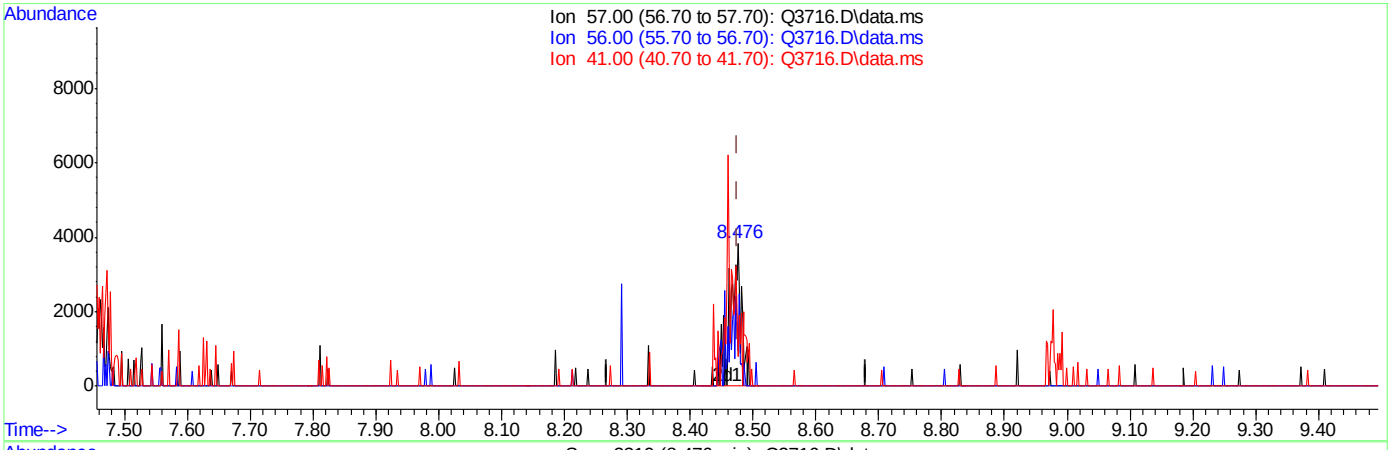
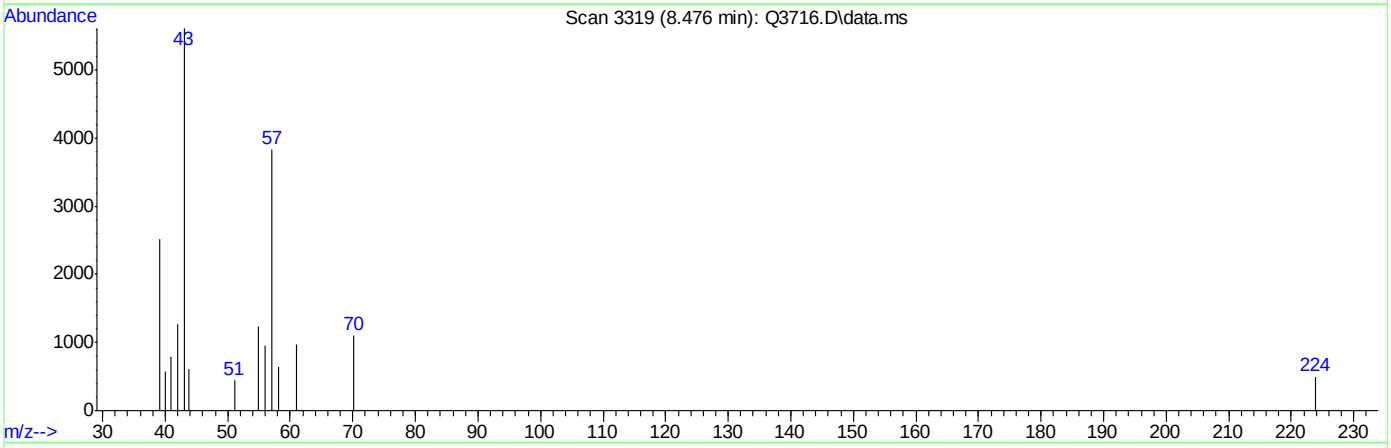
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(25) HEXANE (m)

8.476min (+0.000) 0.57PPBV m

response 4747

Ion	Exp%	Act%
57.00	100	100
56.00	0.00	21.93#
41.00	0.00	0.00
0.00	0.00	0.00

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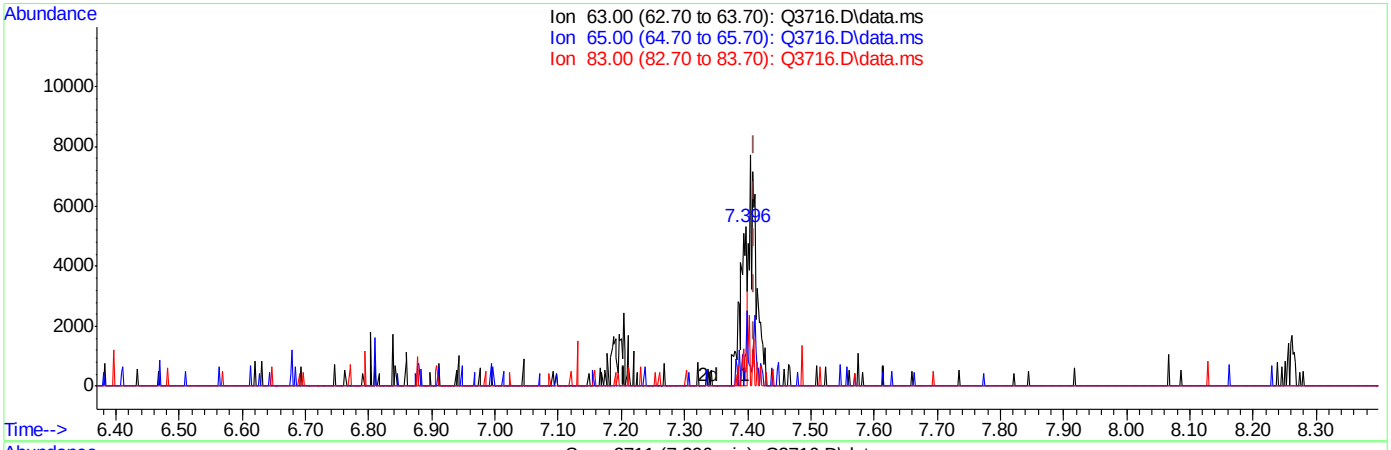
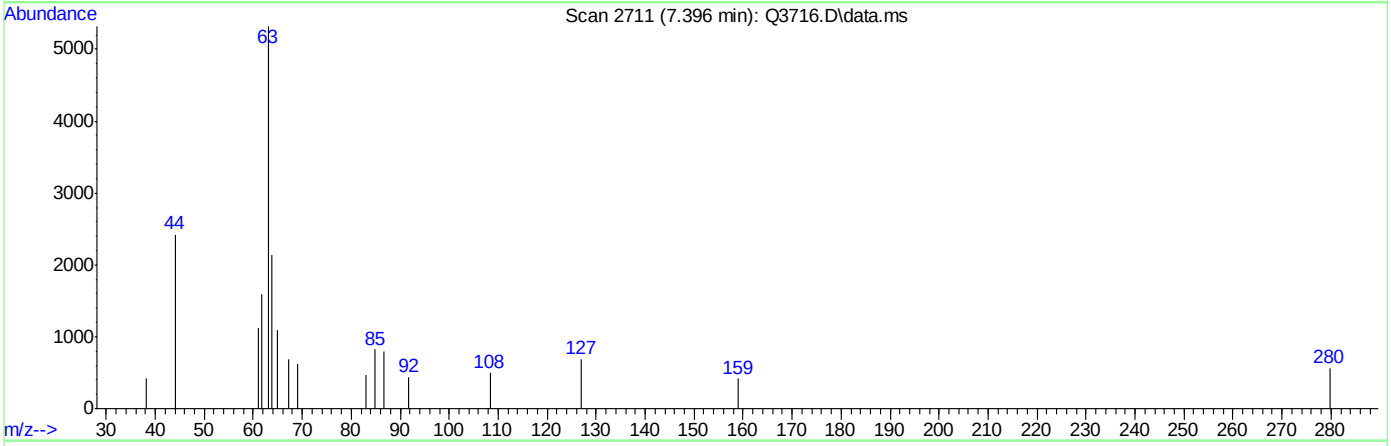
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(27) 1,1-DICHLOROETHANE (m)

7.396min (-0.014) 0.21PPBV

response 4022

Ion	Exp%	Act%
63.00	100	100
65.00	0.00	26.48#
83.00	0.00	30.43#
0.00	0.00	0.00

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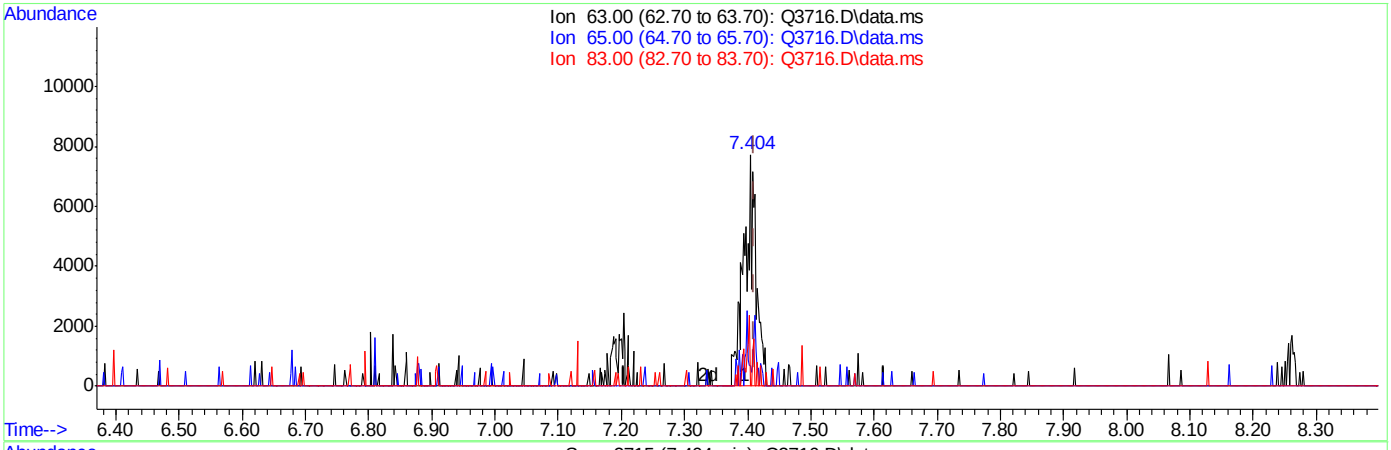
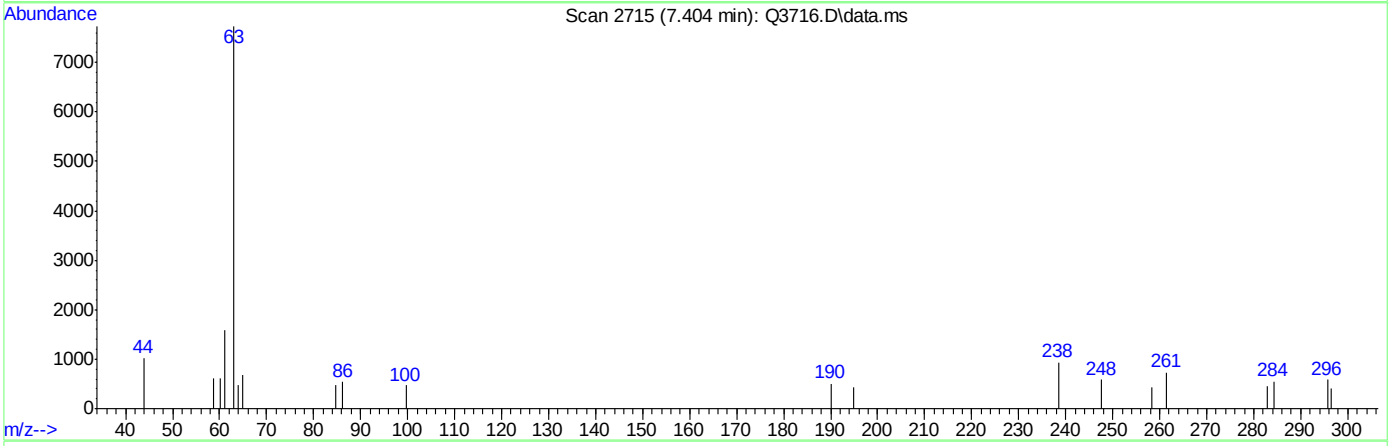
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(27) 1,1-DICHLOROETHANE (m)

7.404min (-0.007) 0.52PPBV m

response 10049

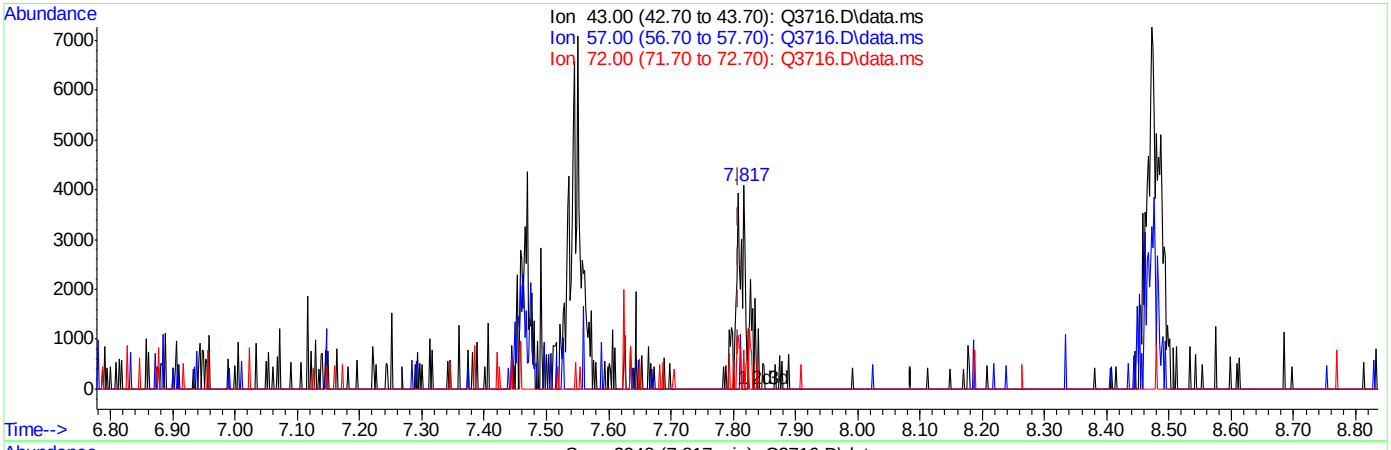
Ion	Exp%	Act%
63.00	100	100
65.00	0.00	10.60
83.00	0.00	12.18
0.00	0.00	0.00

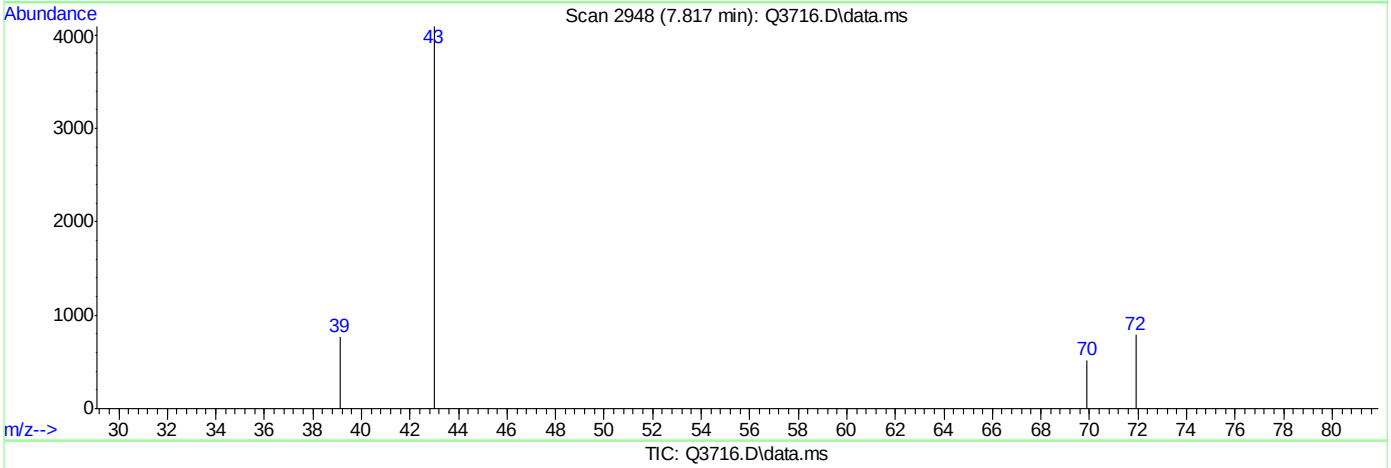
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(28) METHYL ETHYL KETONE (m)

7.817min (+0.009) 0.30PPBV

response 3557

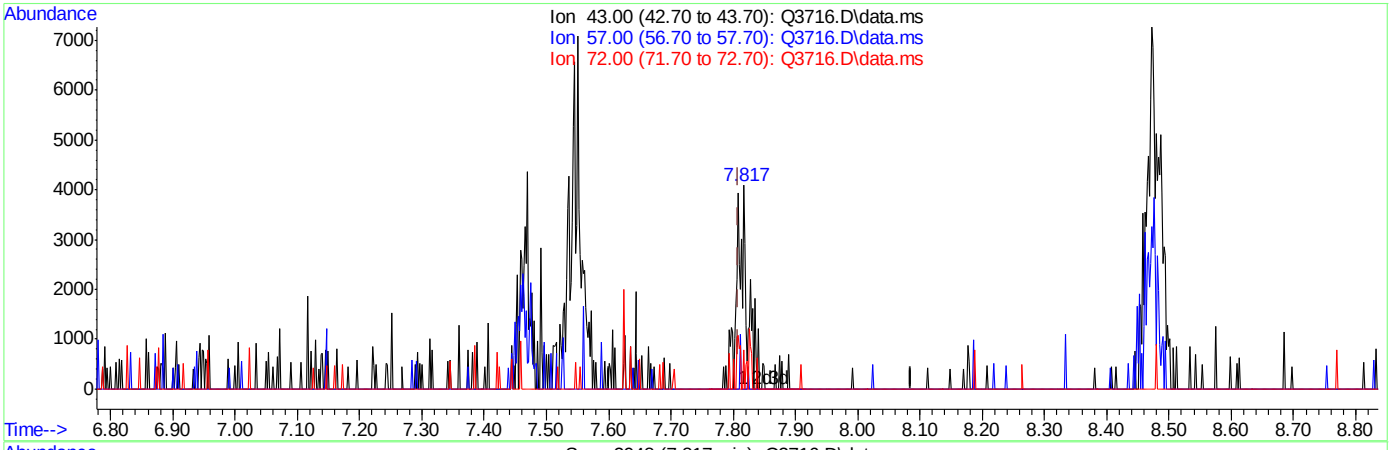
Ion	Exp%	Act%
43.00	100	100
57.00	7.20	0.00
72.00	18.10	19.34
0.00	0.00	0.00

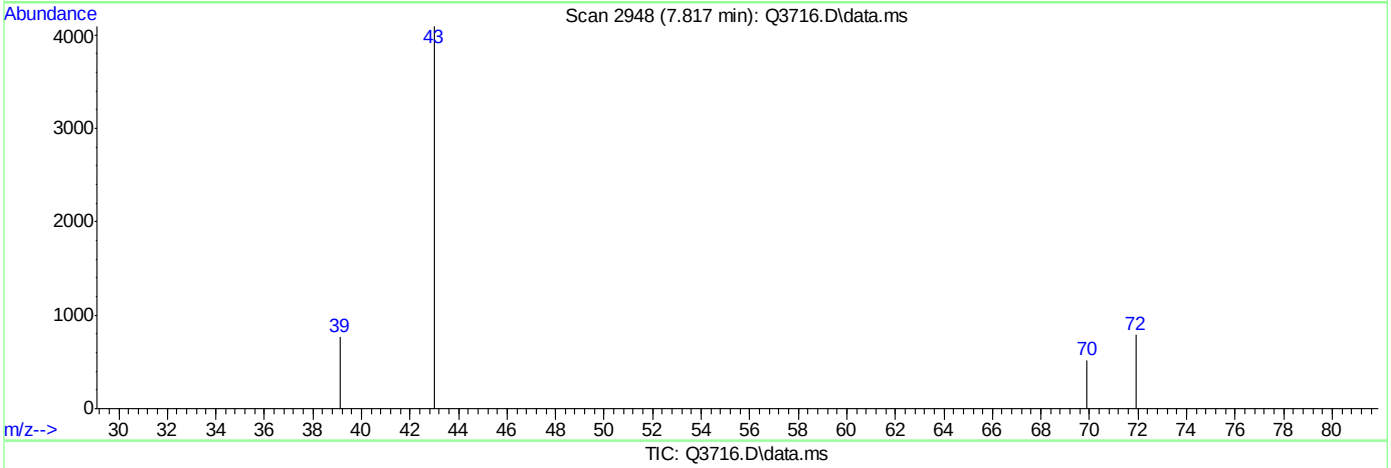
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(28) METHYL ETHYL KETONE (m)

7.817min (+0.009) 0.42PPBV m

response 4971

Ion	Exp%	Act%
43.00	100	100
57.00	7.20	0.00
72.00	18.10	19.34
0.00	0.00	0.00

ACCUTEST Laboratories M65803

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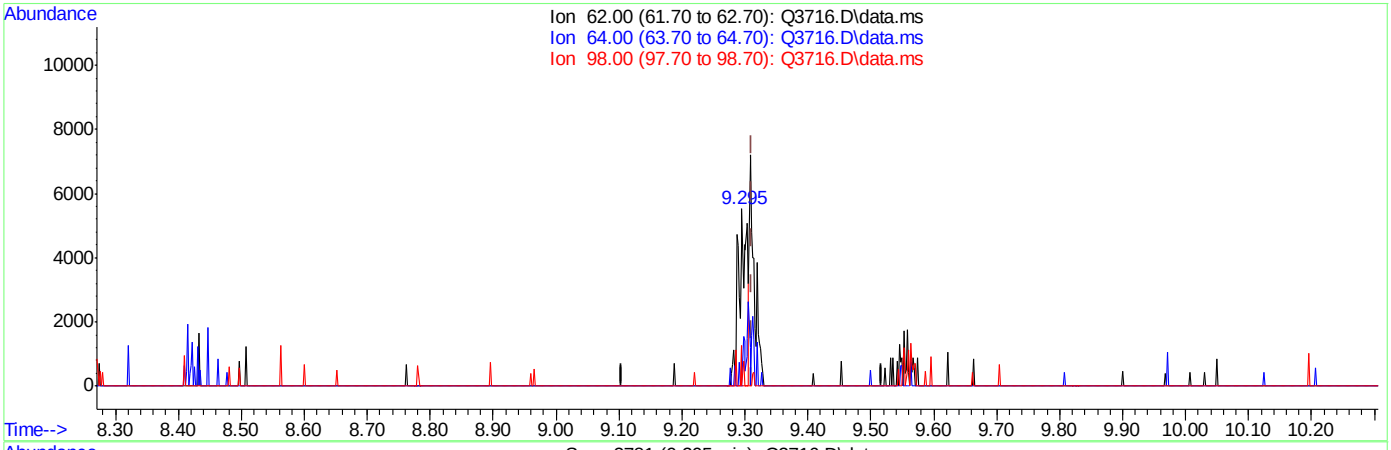

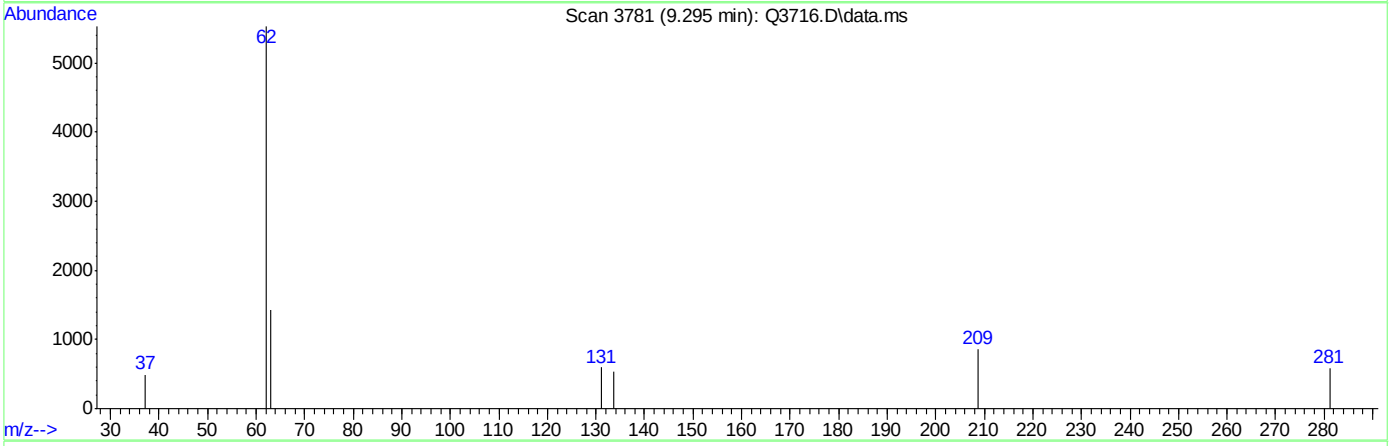

TIC: Q3716.D\data.ms

(34) 1,2-DICHLOROETHANE (m)

9.295min (-0.016) 0.33PPBV

response 5539

Ion	Exp%	Act%
62.00	100	100
64.00	30.70	18.61
98.00	4.60	1.61
0.00	0.00	0.00

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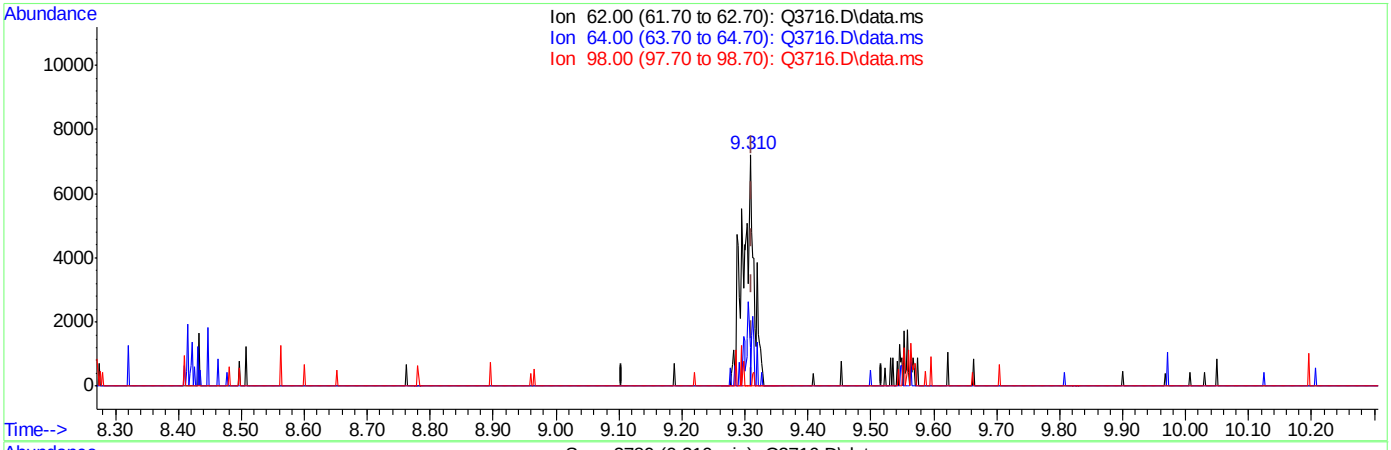

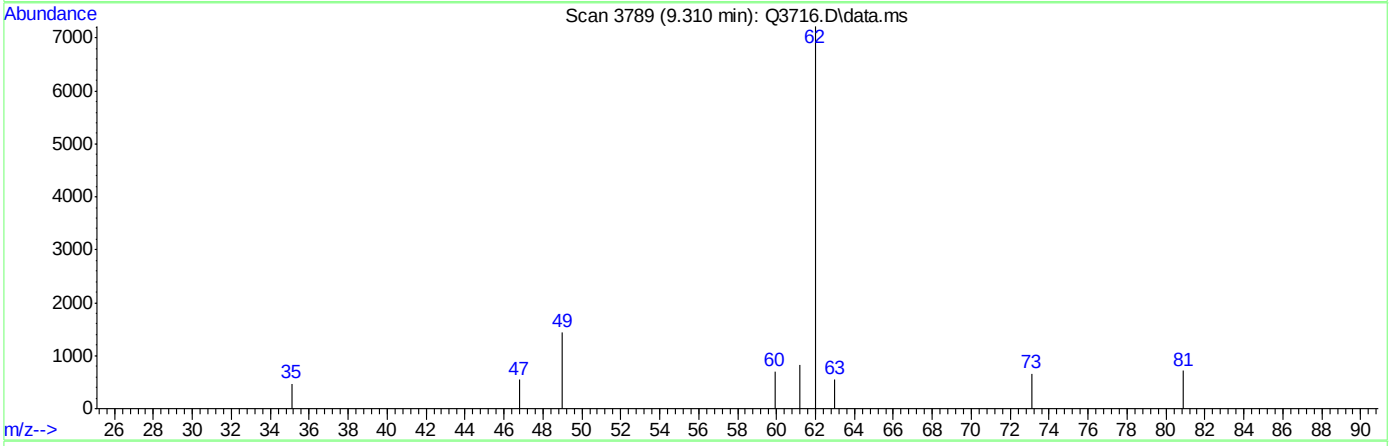

(34) 1,2-DICHLOROETHANE (m)

9.310min (-0.002) 0.58PPBV m

response 9716

Ion	Exp%	Act%
62.00	100	100
64.00	30.70	10.61#
98.00	4.60	0.92
0.00	0.00	0.00

ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

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Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

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Quant Method : C:\msdchem\1\METHODS\Q061307T.m
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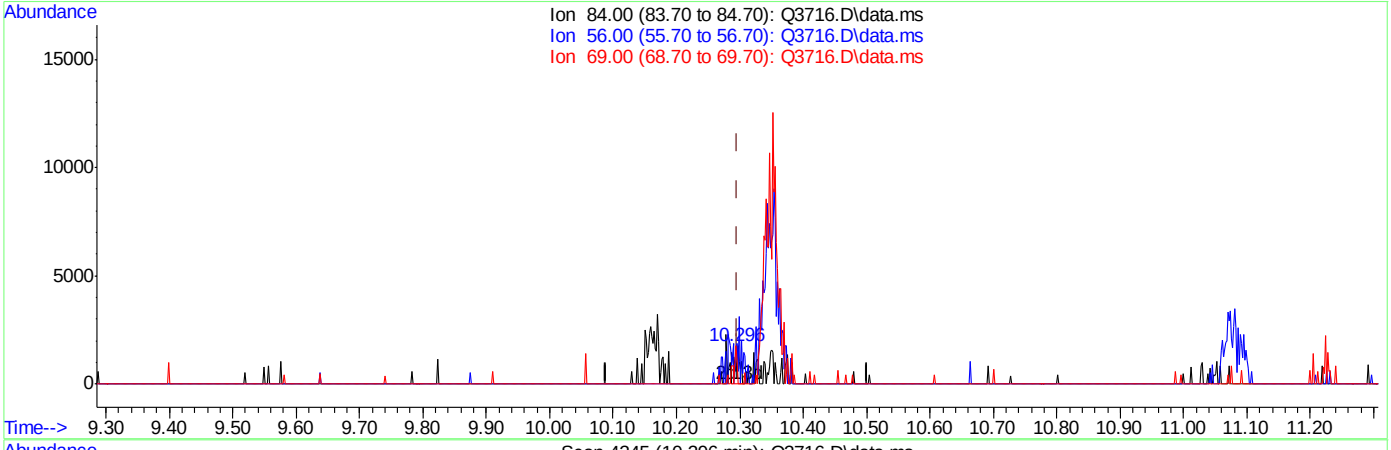
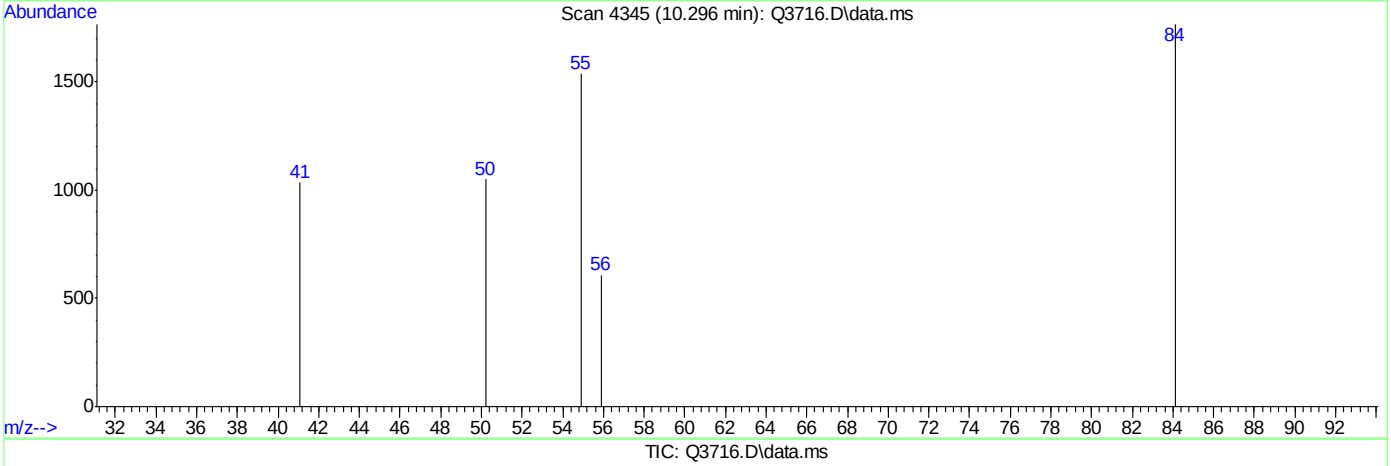
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(37) CYCLOHEXANE (m)

10.296min (+0.000) 0.14PPBV

response 1072

Ion	Exp%	Act%
84.00	100	100
56.00	106.20	147.20#
69.00	33.50	57.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : Q3716.D
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Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
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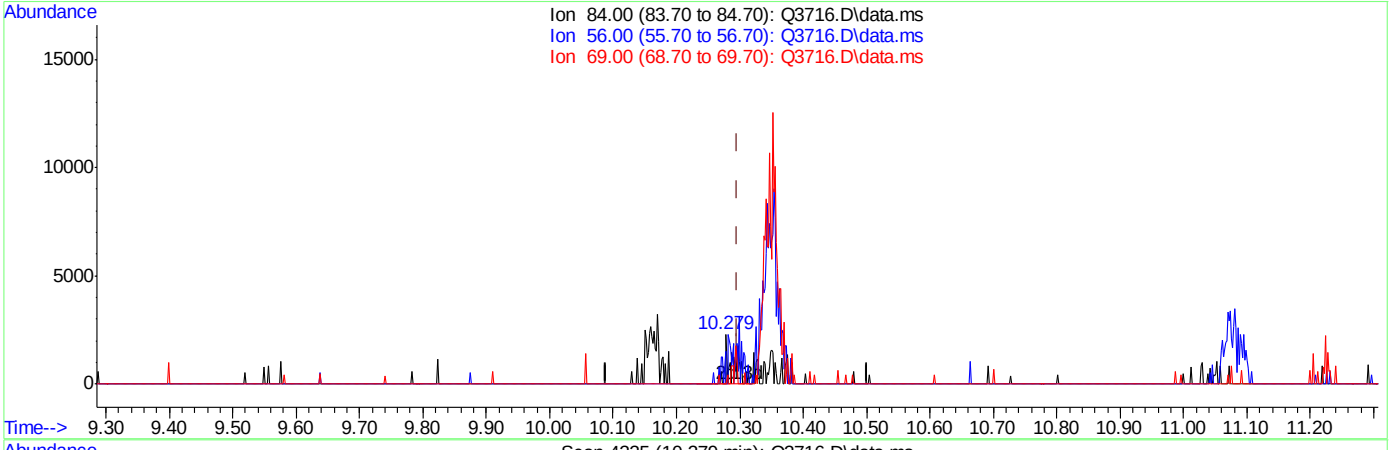

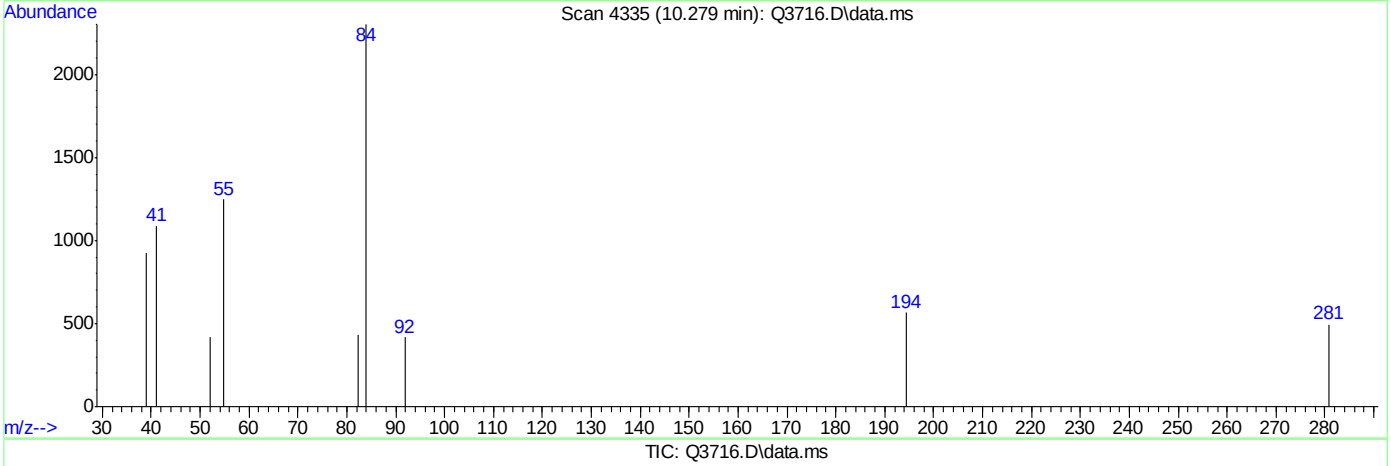

TIC: Q3716.D\data.ms

(37) CYCLOHEXANE (m)

10.279min (-0.018) 0.22PPBV m

response 1679

Ion	Exp%	Act%
84.00	100	100
56.00	106.20	93.98
69.00	33.50	36.57
0.00	0.00	0.00

ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

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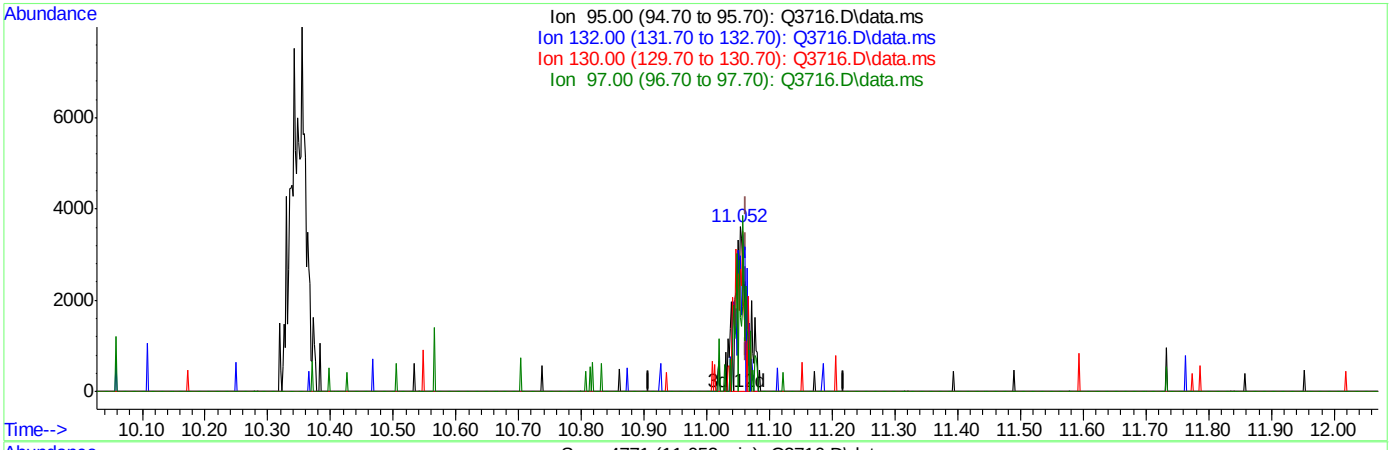

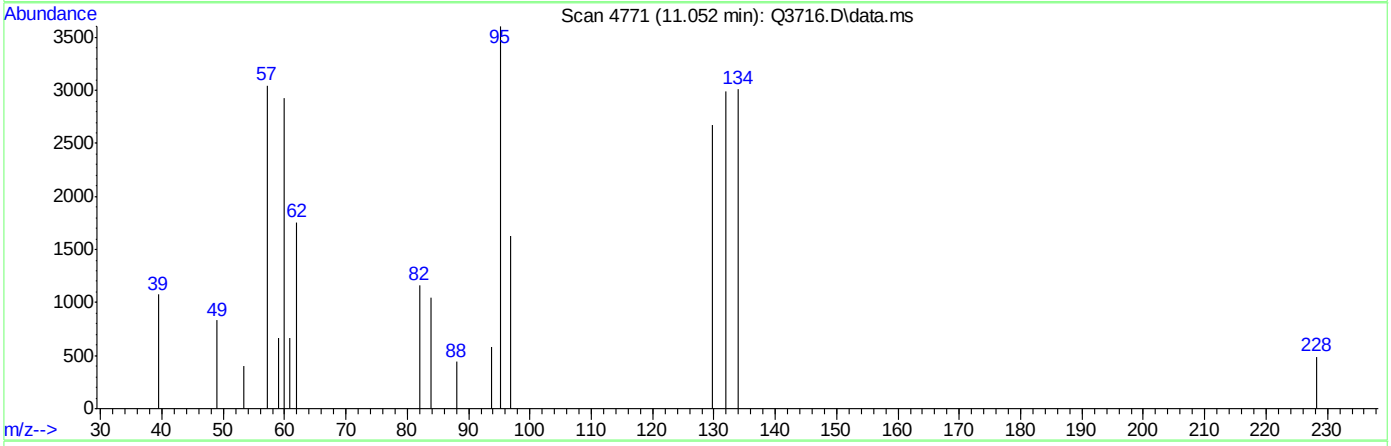

TIC: Q3716.D\data.ms

(38) TRICHLOROETHYLENE (m)

11.052min (-0.011) 0.33PPBV

response 4378

Ion	Exp%	Act%
95.00	100	100
132.00	101.00	87.41
130.00	98.30	84.74
97.00	65.70	31.20#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
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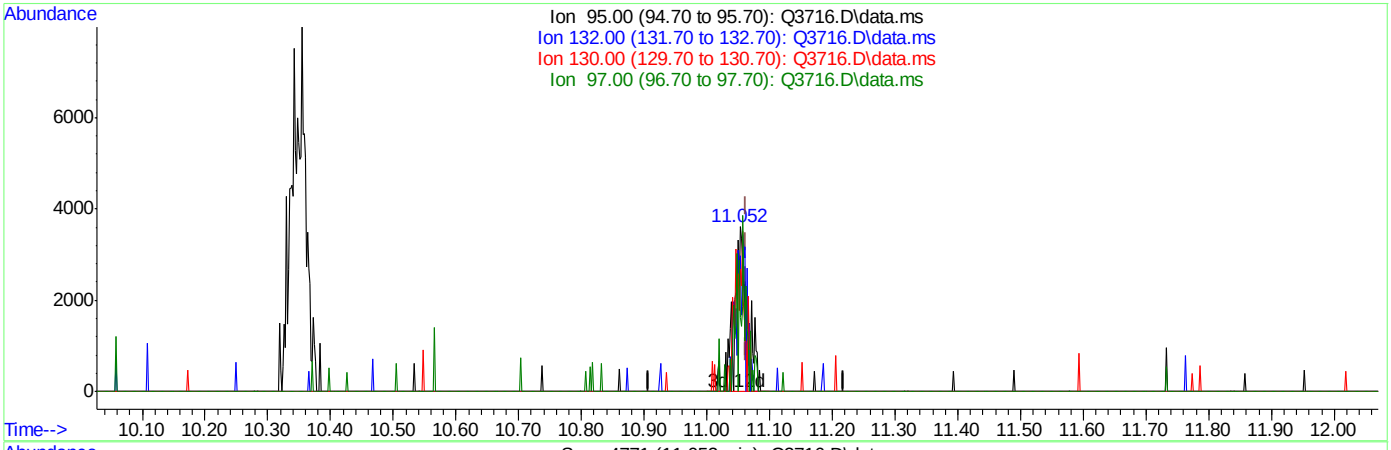

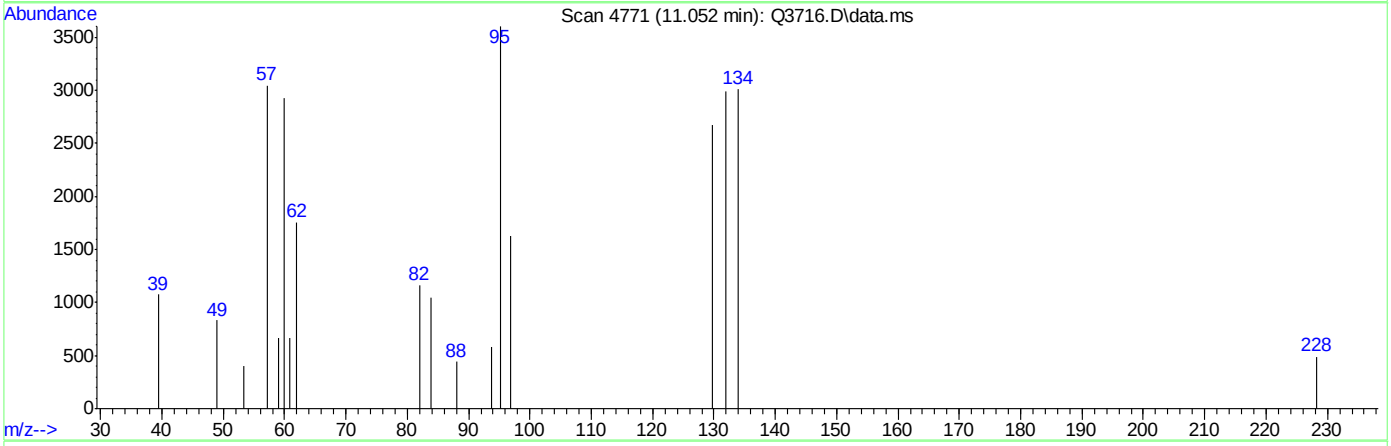

TIC: Q3716.D\data.ms

(38) TRICHLOROETHYLENE (m)

11.052min (-0.011) 0.40PPBV m

response 5278

Ion	Exp%	Act%
95.00	100	100
132.00	101.00	72.51#
130.00	98.30	70.29#
97.00	65.70	25.88#

ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

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Acq On : 14 Jun 2007 12:07 pm
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Misc : MS13699, MSQ201,,,,,1
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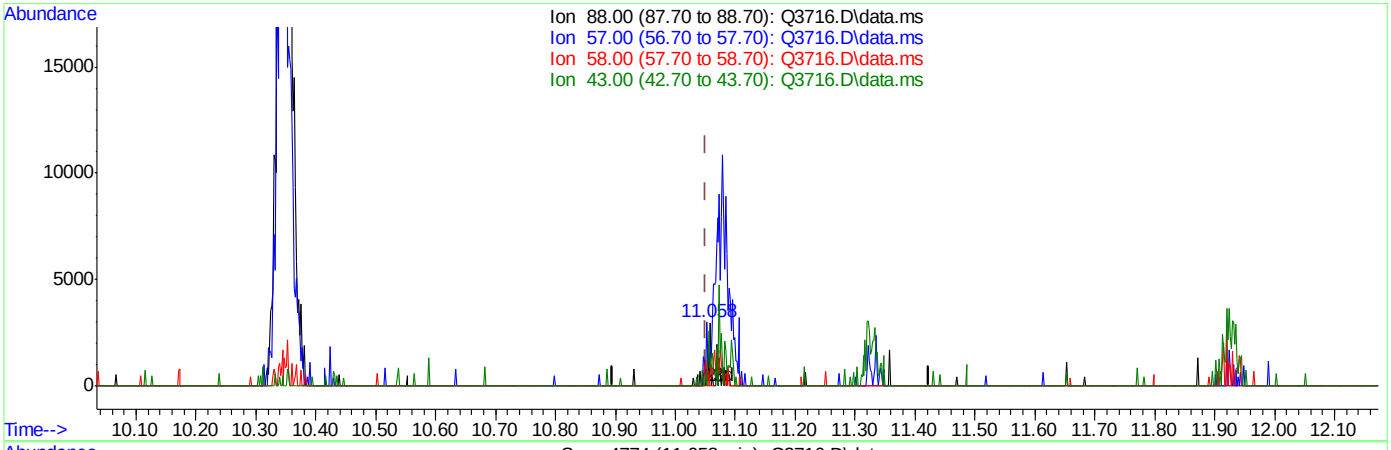

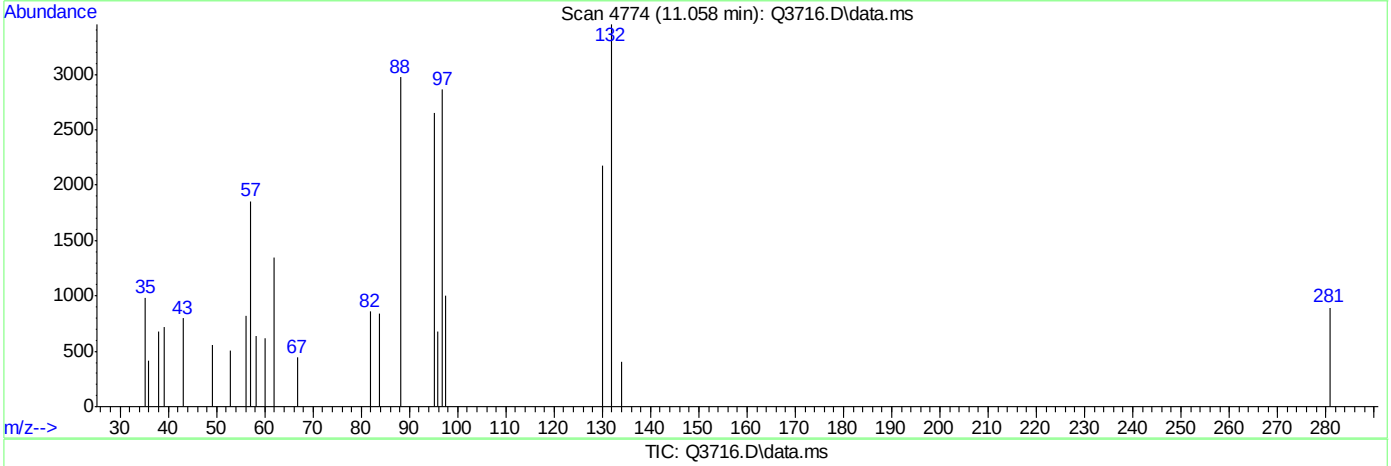

TIC: Q3716.D\data.ms

(42) 1,4-DIOXANE (m)

11.058min (+0.006) 0.21PPBV

response 934

Ion	Exp%	Act%
88.00	100	100
57.00	23.90	62.37#
58.00	54.80	21.54#
43.00	32.10	26.76

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Quantitation Report (Qedit)

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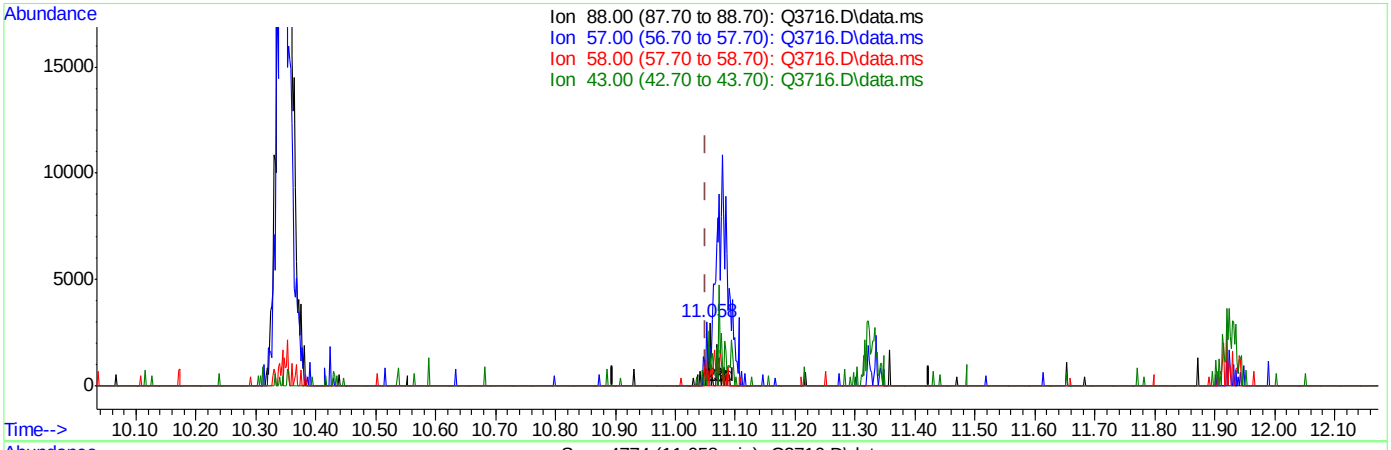

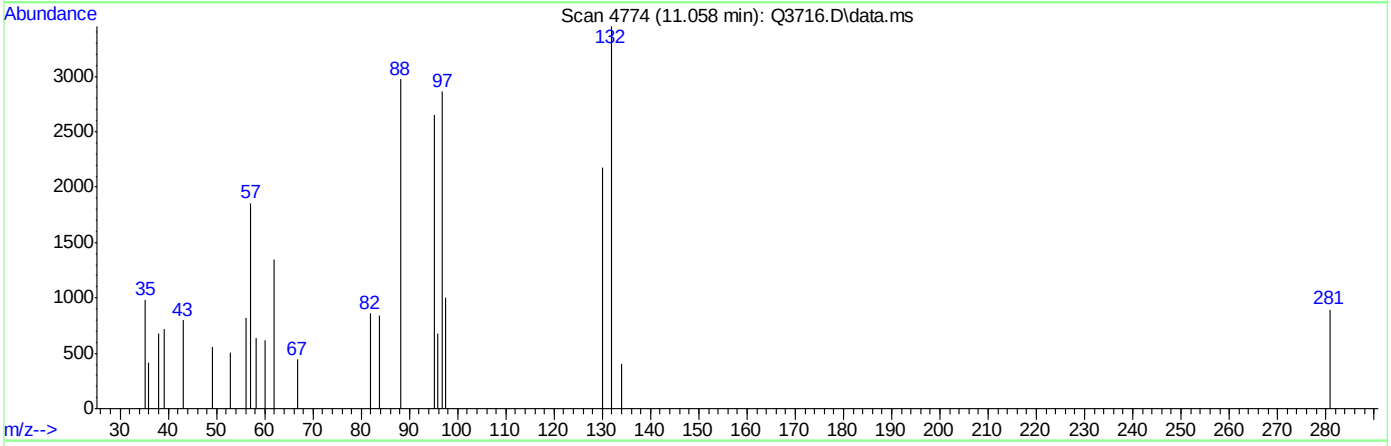

TIC: Q3716.D\data.ms

(42) 1,4-DIOXANE (m)

11.058min (+0.006) 0.40PPBV m

response 1834

Ion	Exp%	Act%
88.00	100	100
57.00	23.90	62.37#
58.00	54.80	21.54#
43.00	32.10	26.76

ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

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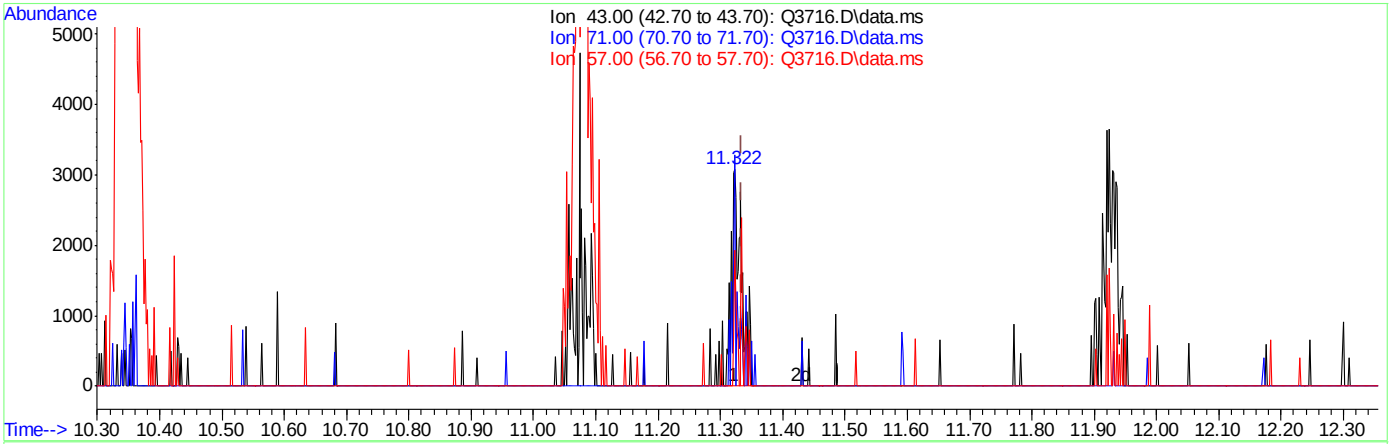

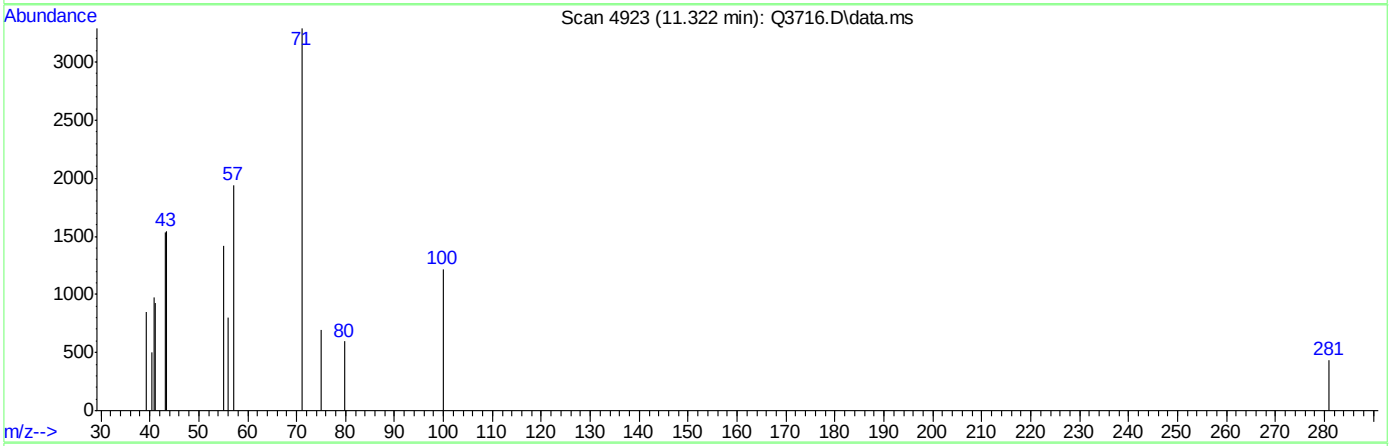

TIC: Q3716.D\data.ms

(43) HEPTANE (m)

11.322min (-0.012) 0.30PPBV

response 3630

Ion	Exp%	Act%
43.00	100	100
71.00	52.40	23.50#
57.00	48.00	15.67#
0.00	0.00	0.00

ACCUTEST Laboratories M65803

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QLast Update : Thu Jun 14 11:56:08 2007
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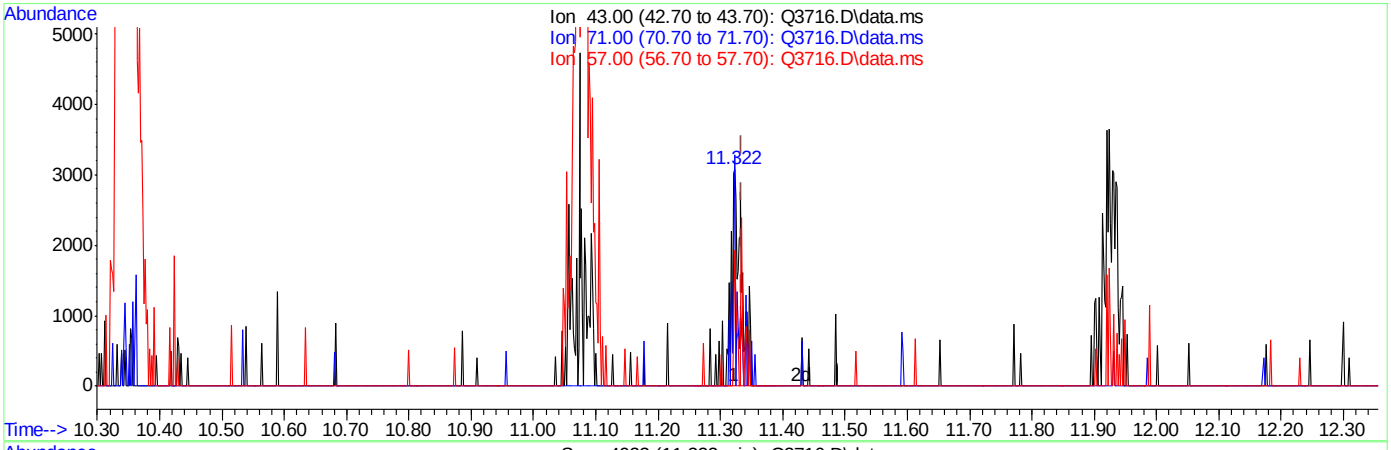

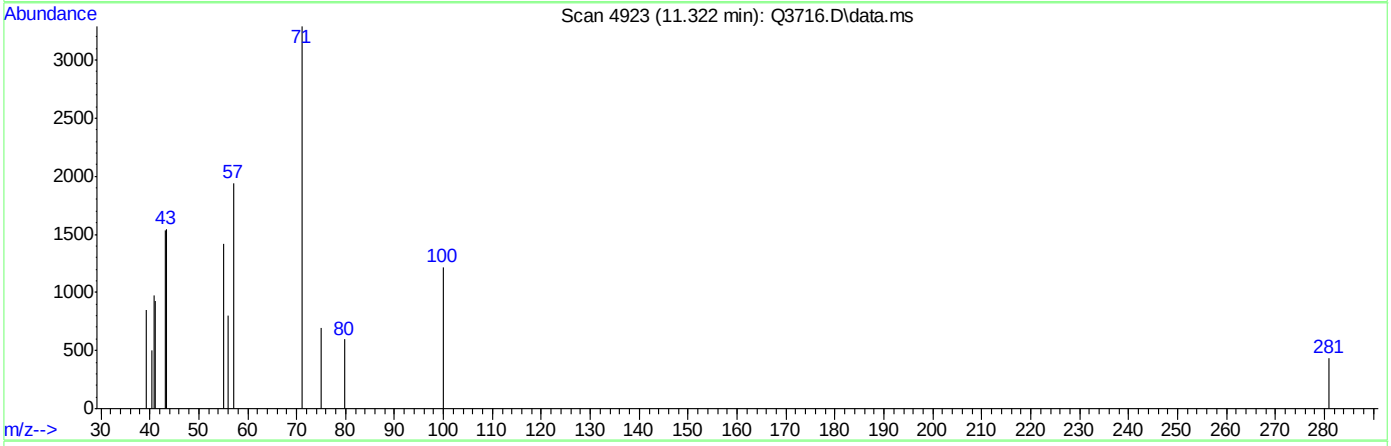

TIC: Q3716.D\data.ms

(43) HEPTANE (m)

11.322min (-0.012) 0.31PPBV m

response 3836

Ion	Exp%	Act%
43.00	100	100
71.00	52.40	22.24#
57.00	48.00	14.83#
0.00	0.00	0.00

ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

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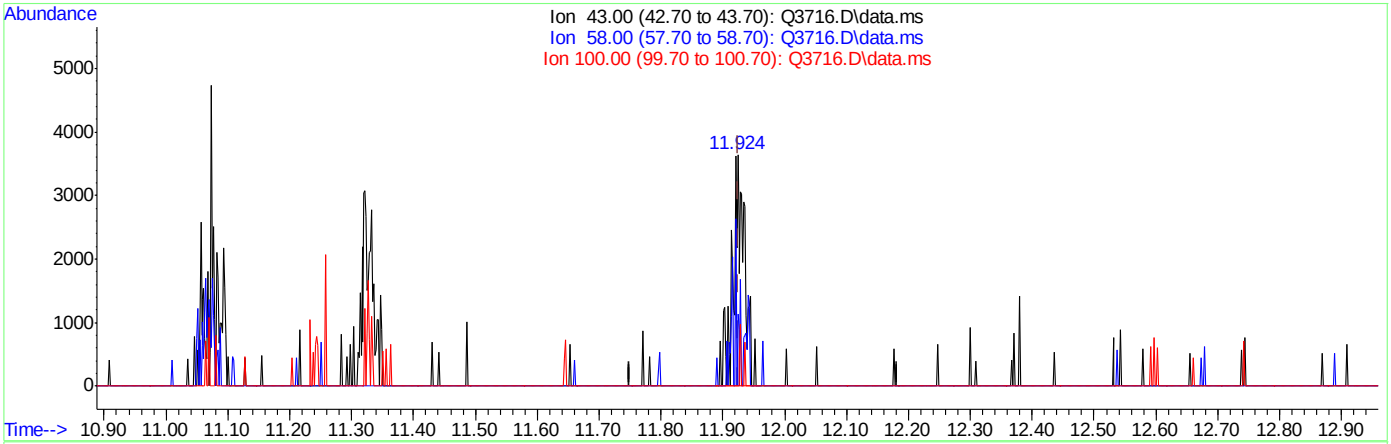

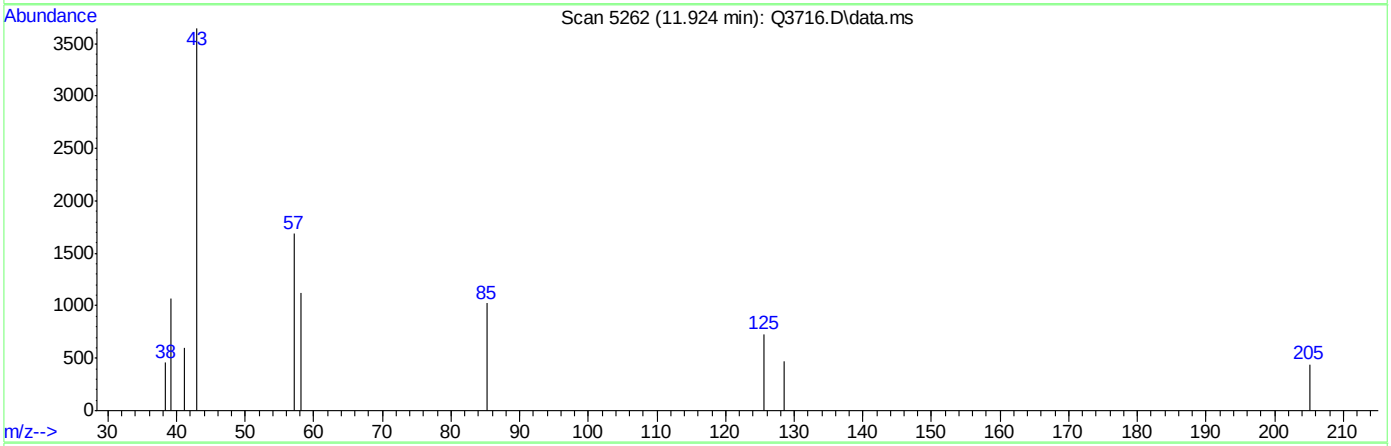

TIC: Q3716.D\data.ms

(44) METHYL ISOBUTYL KETONE (m)

11.924min (-0.002) 0.24PPBV

response 4859

Ion	Exp%	Act%
43.00	100	100
58.00	29.90	21.26
100.00	12.50	3.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
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Misc : MS13699, MSQ201,,,,,1
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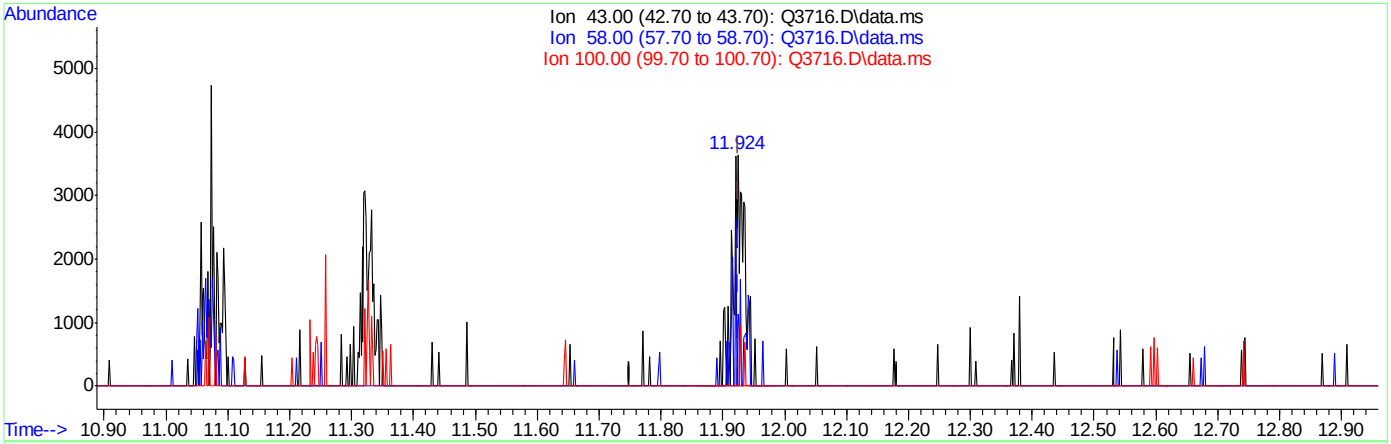

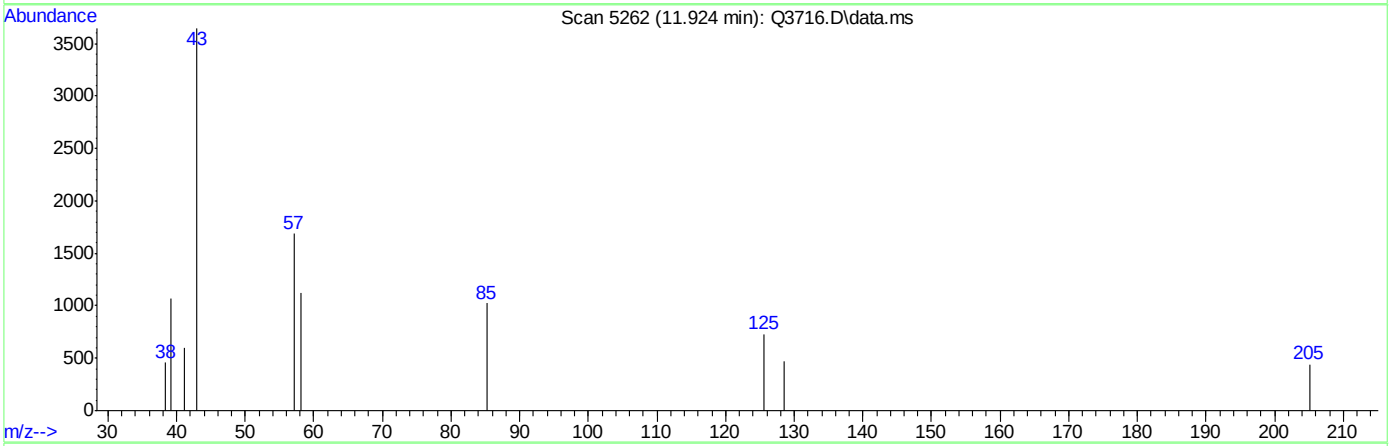

TIC: Q3716.D\data.ms

(44) METHYL ISOBUTYL KETONE (m)

11.924min (-0.002) 0.24PPBV m

response 4859

Ion	Exp%	Act%
43.00	100	100
58.00	29.90	21.26
100.00	12.50	3.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
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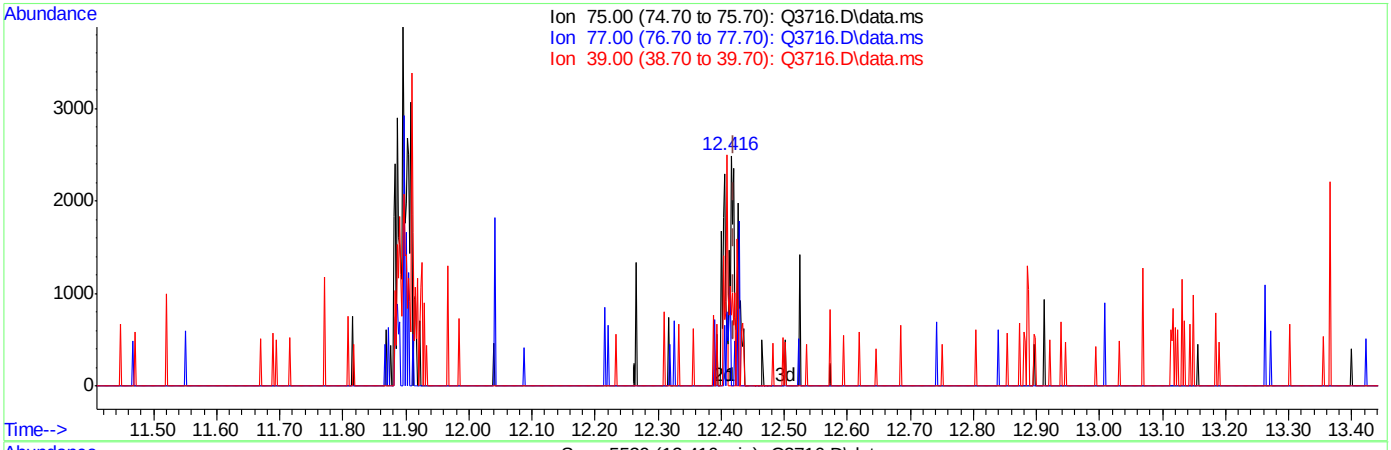
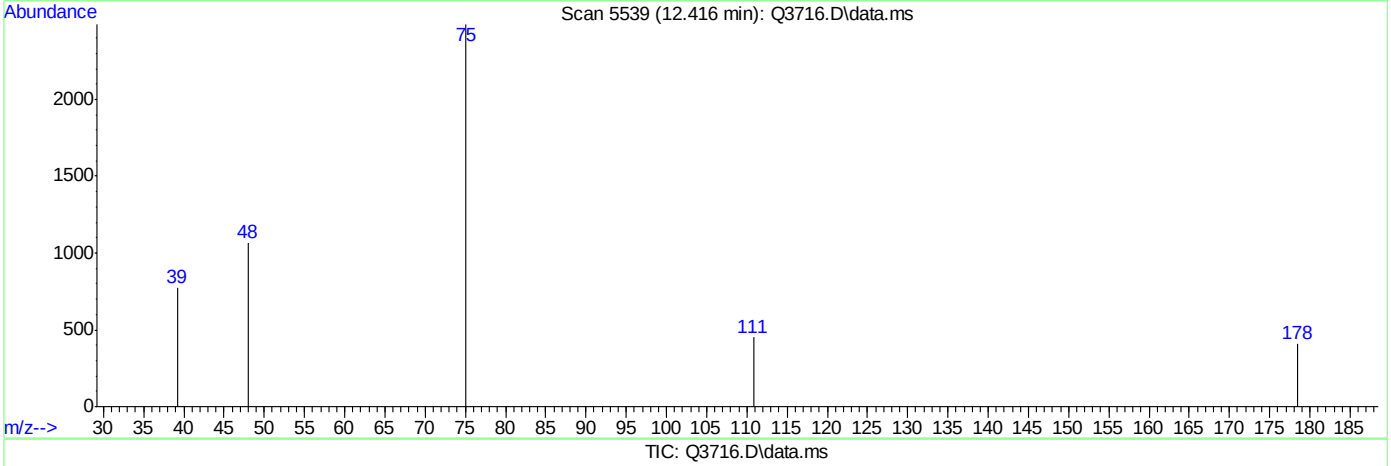
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(47) trans-1,3-DICHLOROPROPENE (m)

12.416min (-0.005) 0.13PPBV

response 1724

Ion	Exp%	Act%
75.00	100	100
77.00	31.40	23.43
39.00	0.00	0.00
0.00	0.00	0.00

ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
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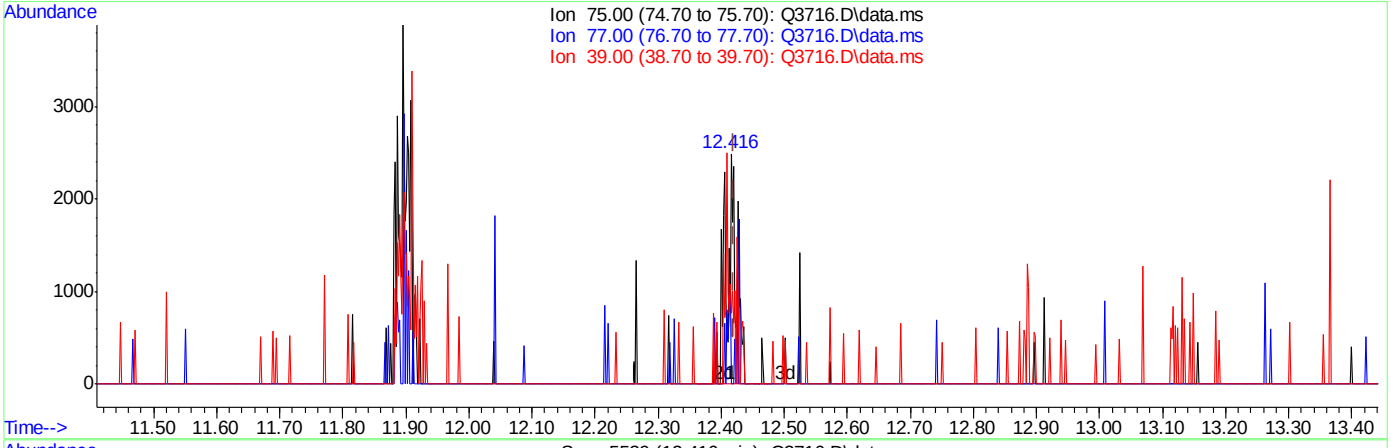
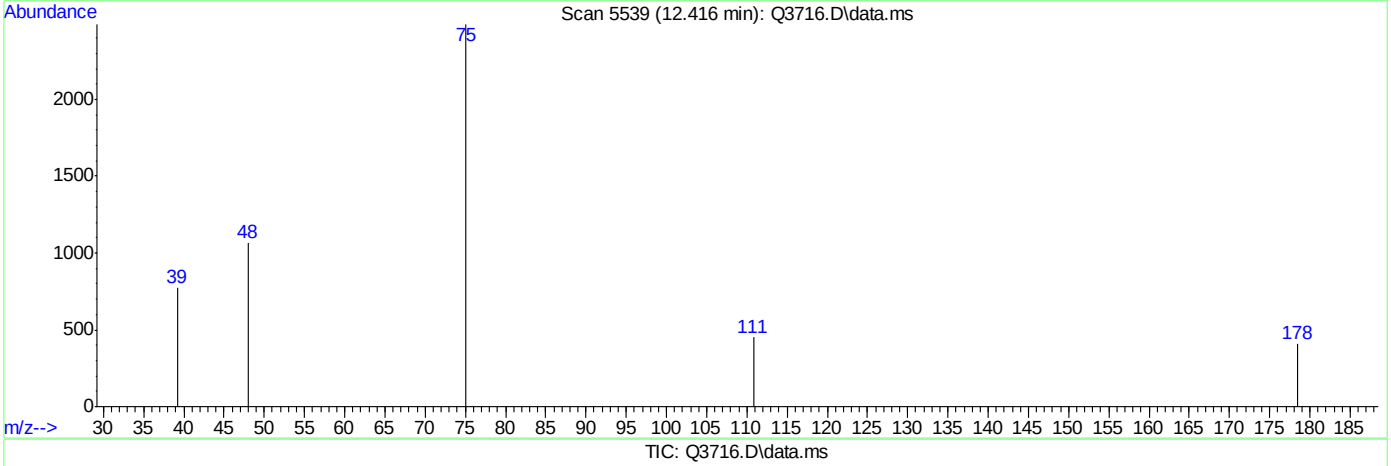




TIC: Q3716.D\data.ms

(47) trans-1,3-DICHLOROPROPENE (m)

12.416min (-0.005) 0.20PPBV m

response 2670

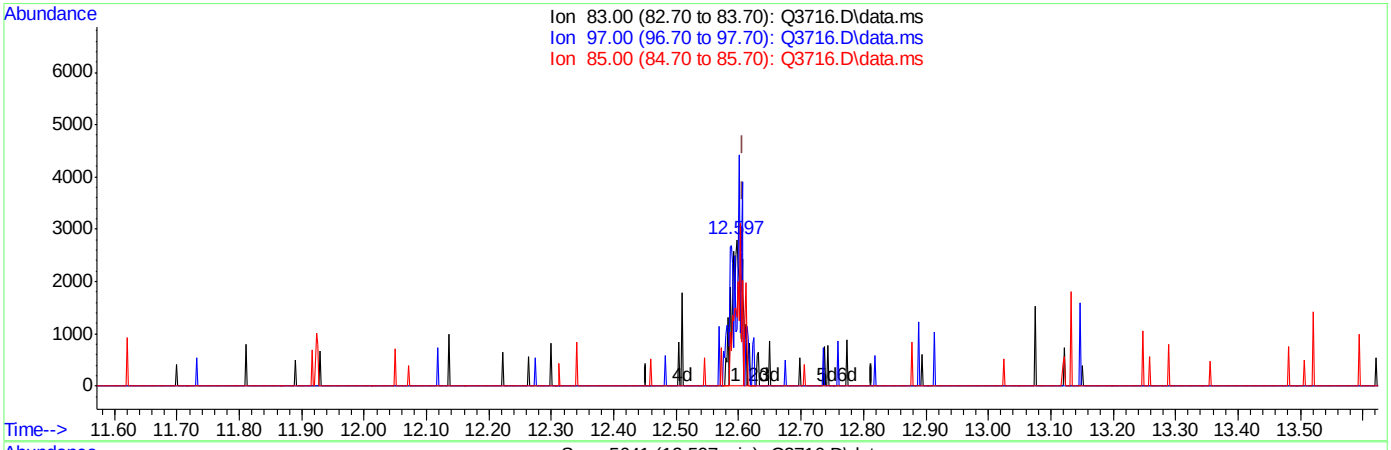
Ion	Exp%	Act%
75.00	100	100
77.00	31.40	15.13
39.00	0.00	0.00
0.00	0.00	0.00

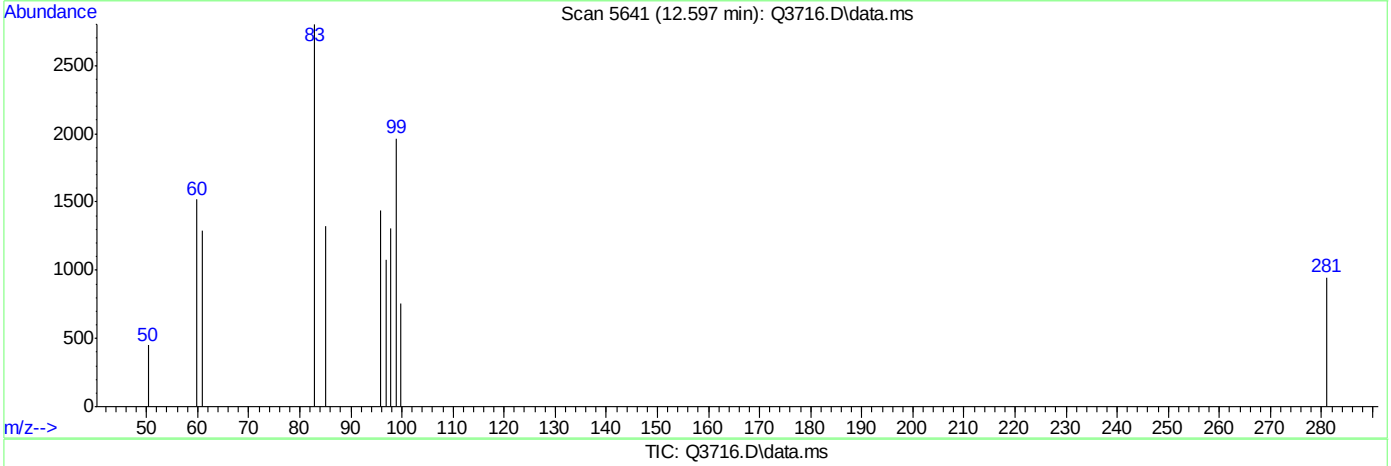
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(48) 1,1,2-TRICHLOROETHANE (m)

12.597min (-0.010) 0.29PPBV

response 3420

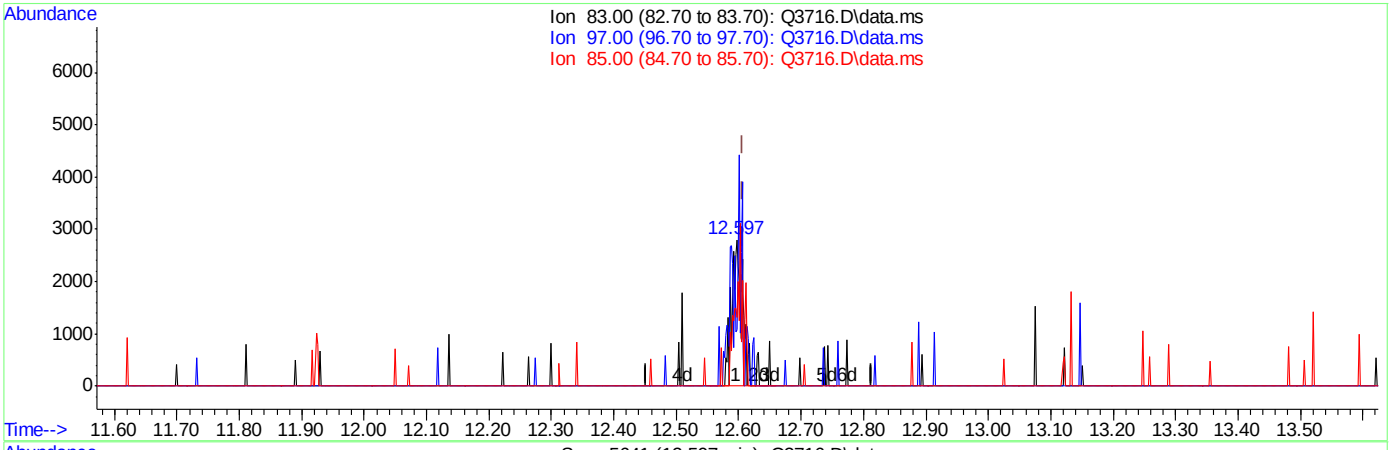
Ion	Exp%	Act%
83.00	100	100
97.00	121.10	60.50#
85.00	65.40	49.39
0.00	0.00	0.00

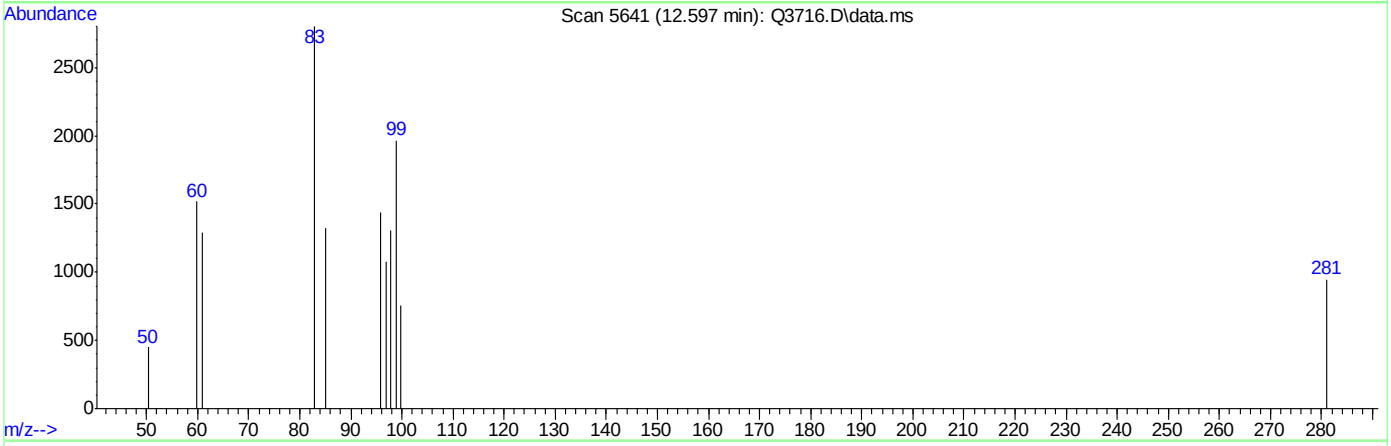
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(48) 1,1,2-TRICHLOROETHANE (m)

12.597min (-0.010) 0.30PPBV m

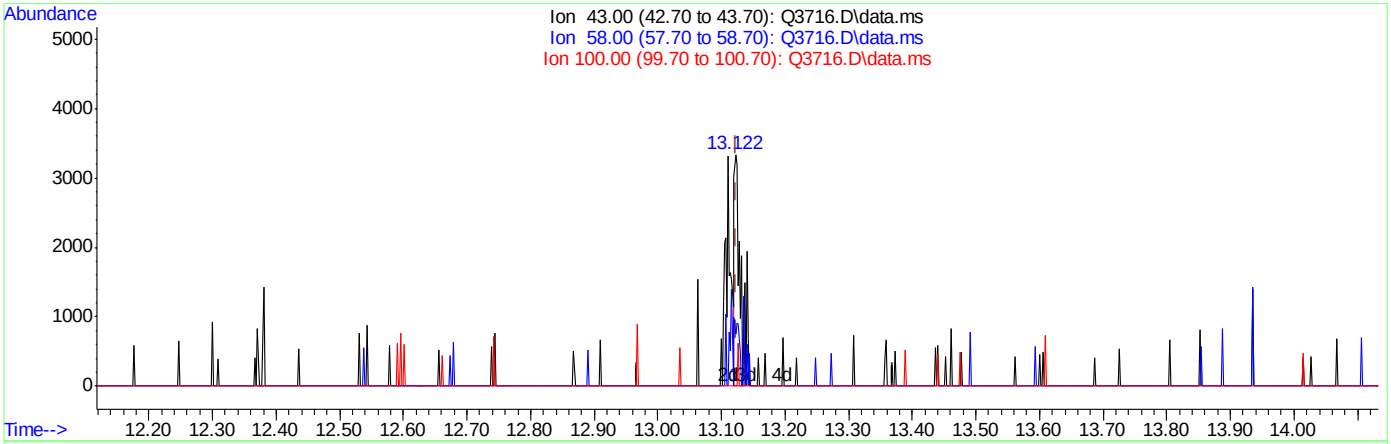
response 3642

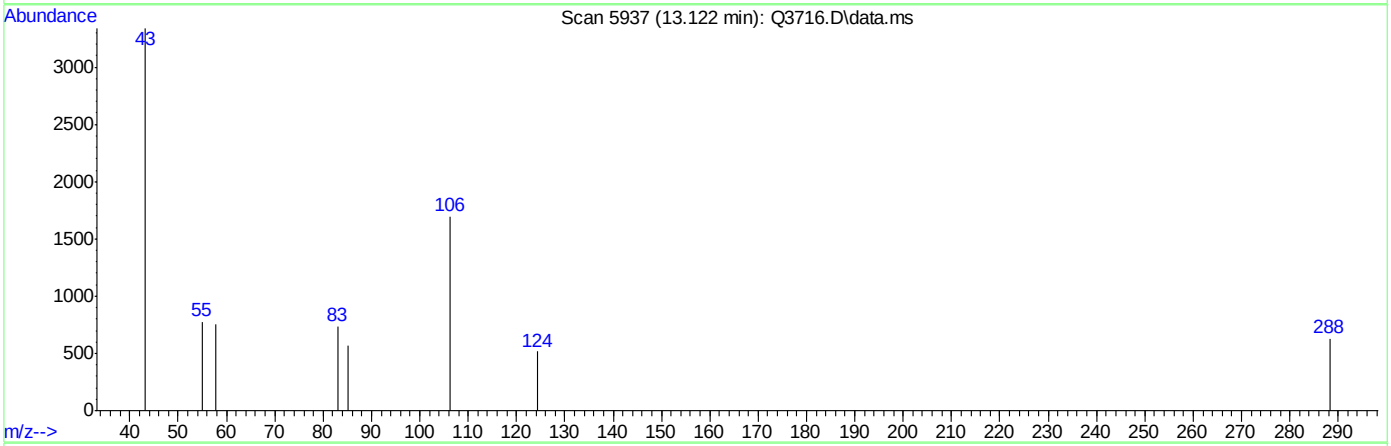
Ion	Exp%	Act%
83.00	100	100
97.00	121.10	56.81#
85.00	65.40	46.38
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(50) 2-HEXANONE (m)

13.122min (-0.001) 0.15PPBV

response 1698

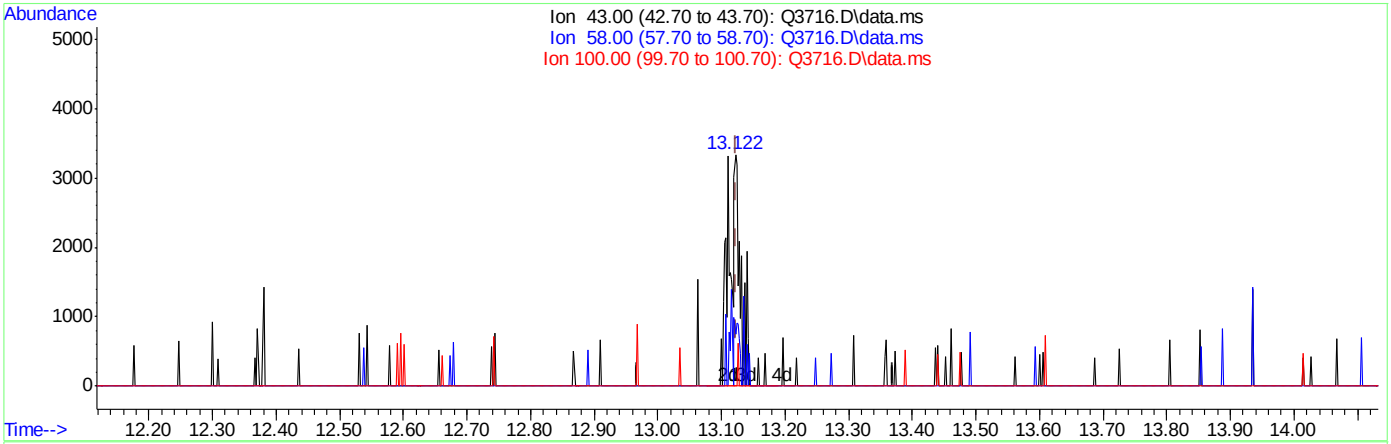
Ion	Exp%	Act%
43.00	100	100
58.00	40.40	29.51
100.00	8.40	3.89
0.00	0.00	0.00

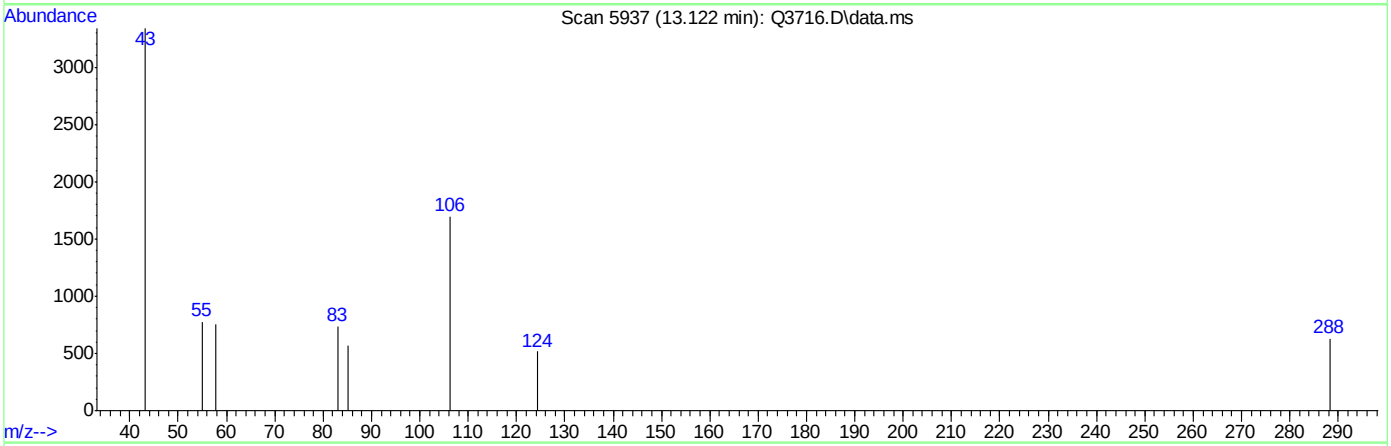
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(50) 2-HEXANONE (m)

13.122min (-0.001) 0.37PPBV m

response 4055

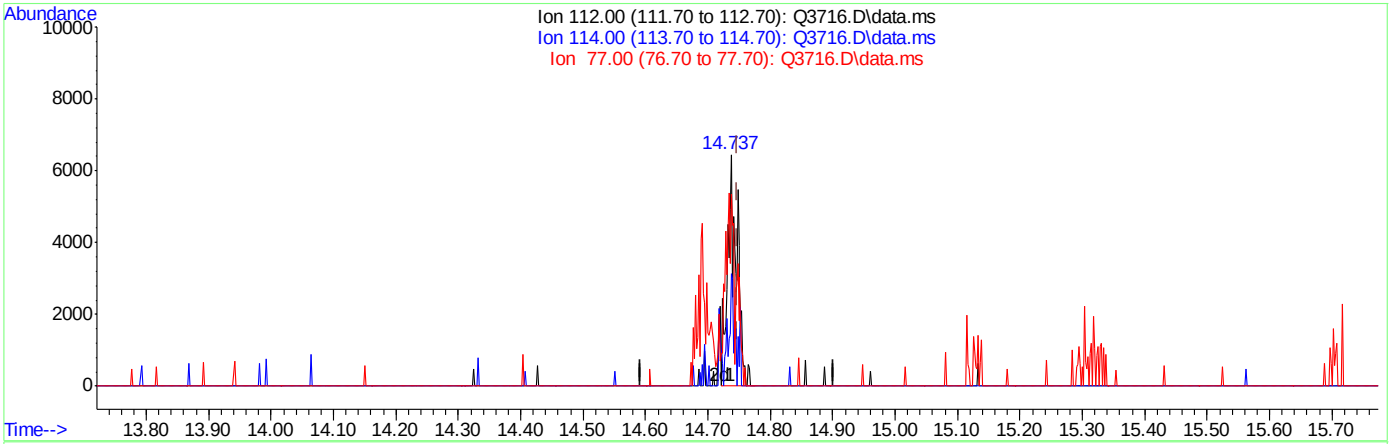
Ion	Exp%	Act%
43.00	100	100
58.00	40.40	12.36#
100.00	8.40	1.63
0.00	0.00	0.00

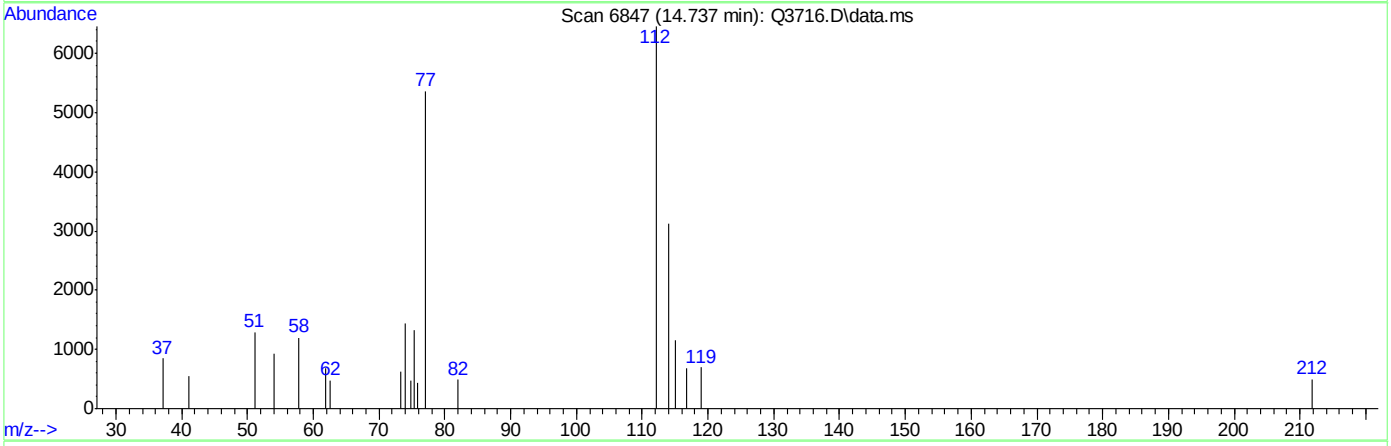
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(54) CHLOROBENZENE (m)

14.737min (-0.011) 0.47PPBV

response 6994

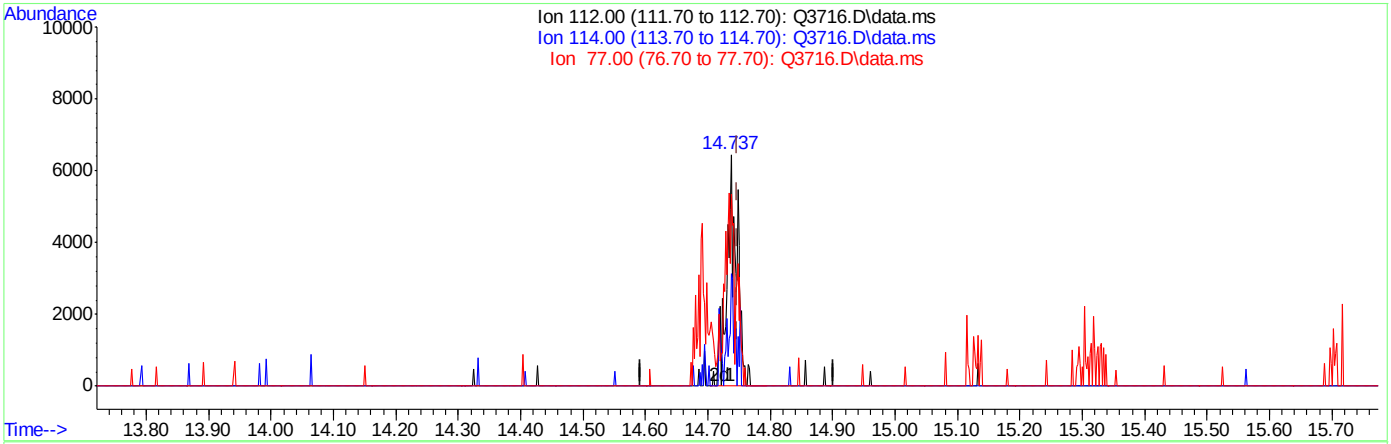
Ion	Exp%	Act%
112.00	100	100
114.00	33.00	26.54
77.00	58.10	98.16#
0.00	0.00	0.00

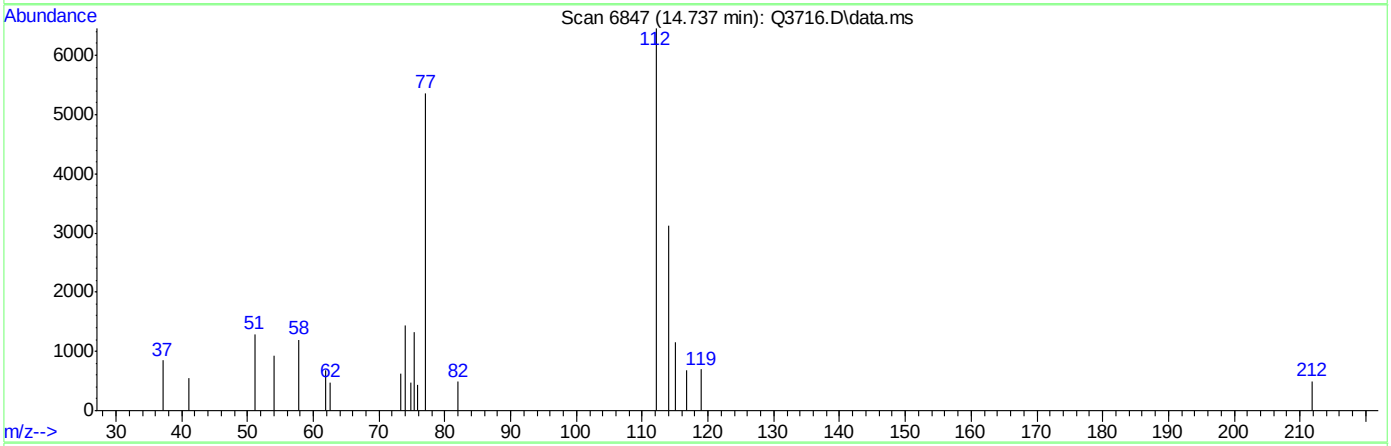
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(54) CHLOROBENZENE (m)

14.737min (-0.011) 0.51PPBV m

response 7551

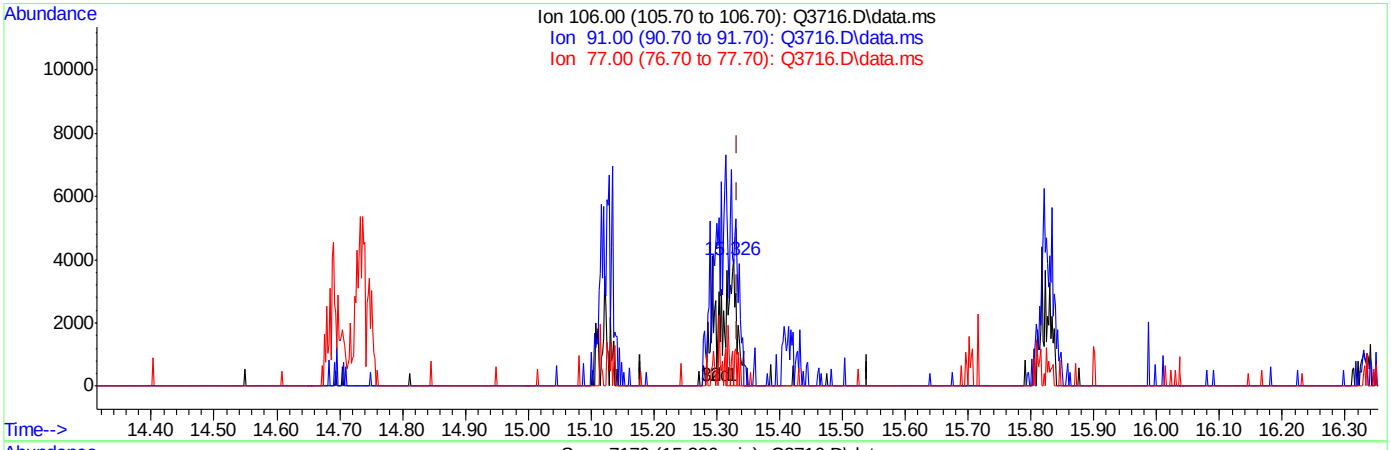
Ion	Exp%	Act%
112.00	100	100
114.00	33.00	24.58
77.00	58.10	90.92#
0.00	0.00	0.00

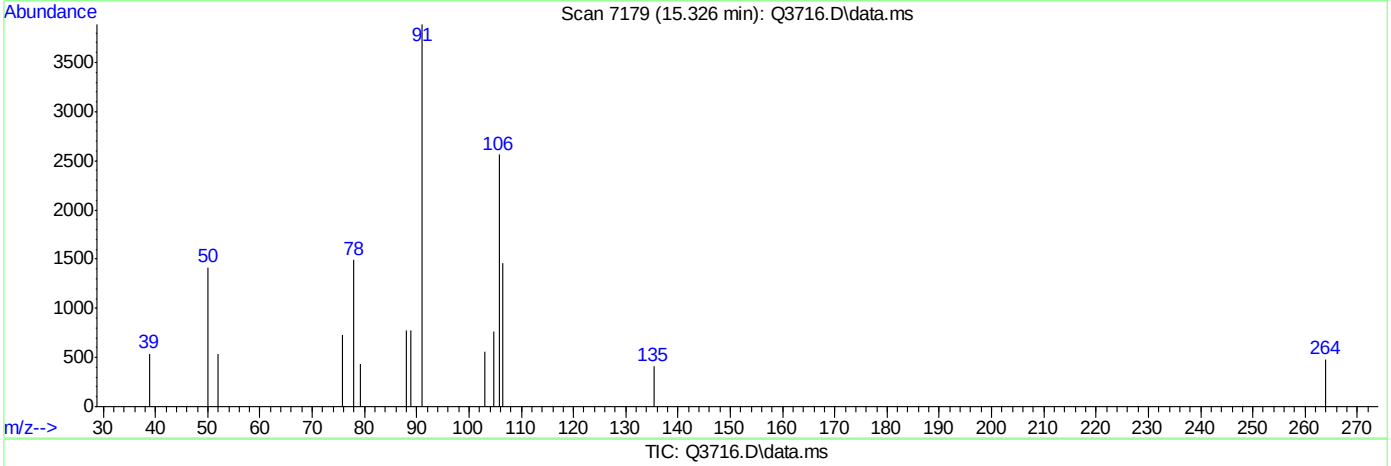
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(56) m,p-XYLENE (m)

15.326min (-0.008) 0.42PPBV

response 3931

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	96.81#
77.00	30.60	0.00#
0.00	0.00	0.00

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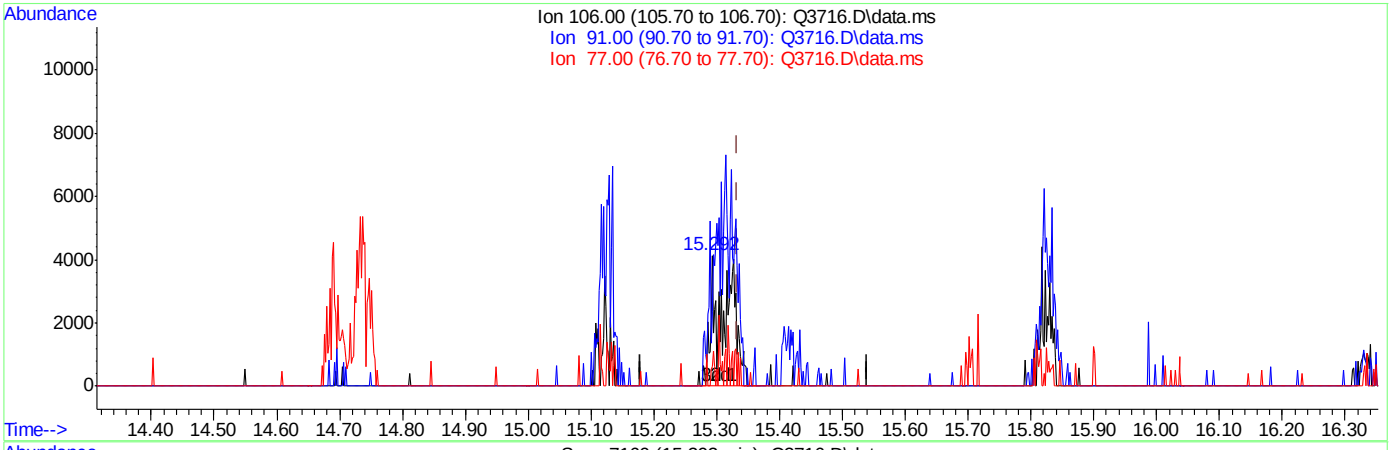
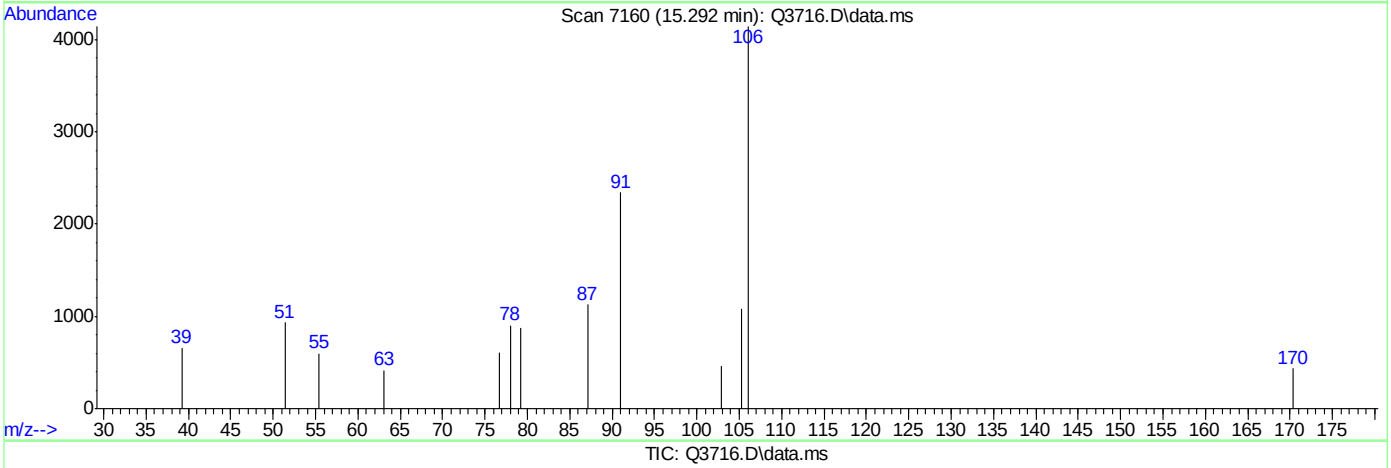
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(56) m,p-XYLENE (m)

15.292min (-0.042) 0.82PPBV m

response 7715

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	56.54#
77.00	30.60	14.78#
0.00	0.00	0.00

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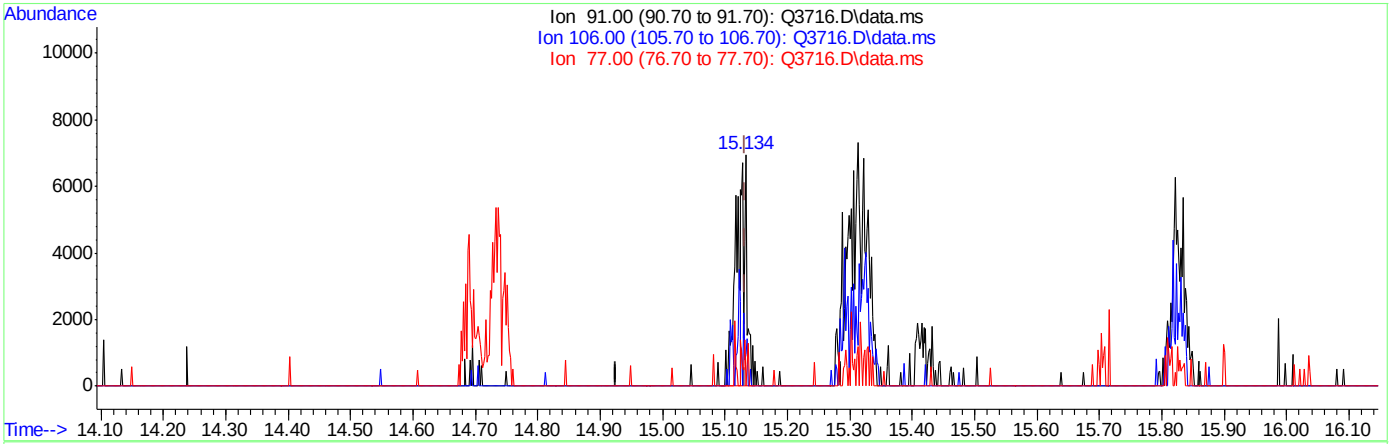
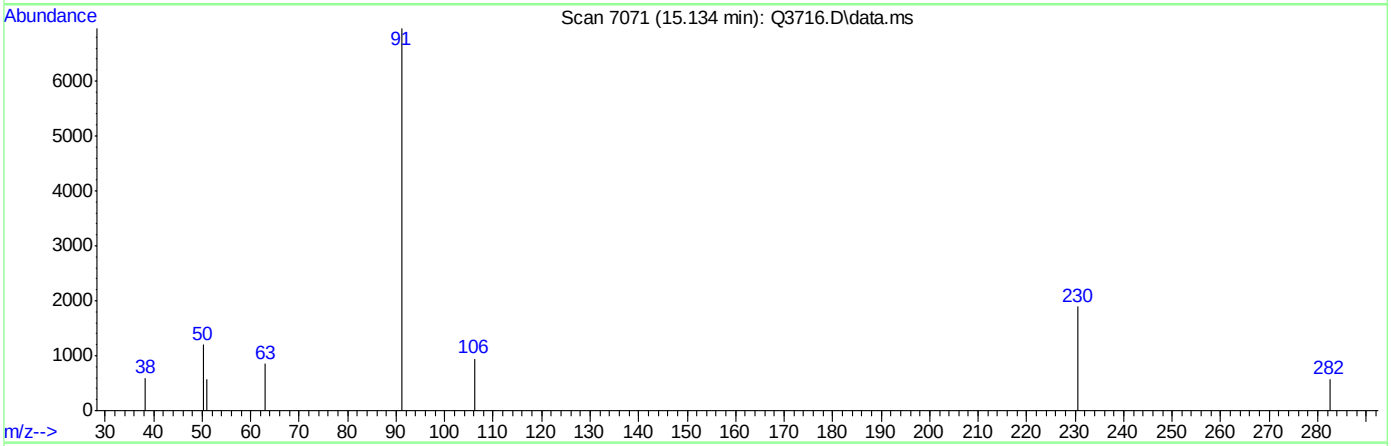
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(55) ETHYLBENZENE (m)

15.134min (+0.002) 0.30PPBV

response 7861

Ion	Exp%	Act%
91.00	100	100
106.00	31.10	7.95#
77.00	9.90	9.17
0.00	0.00	0.00

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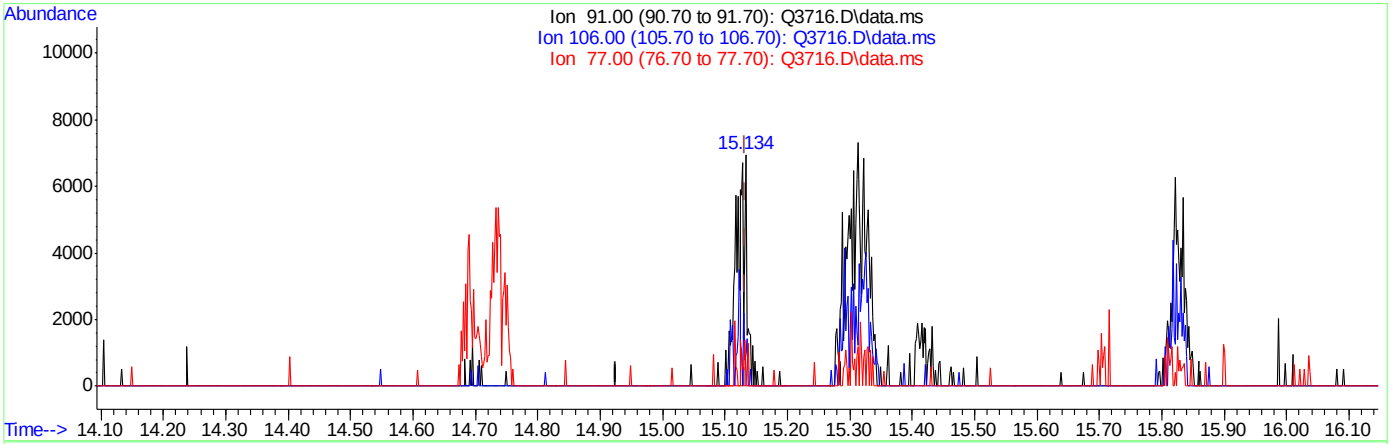
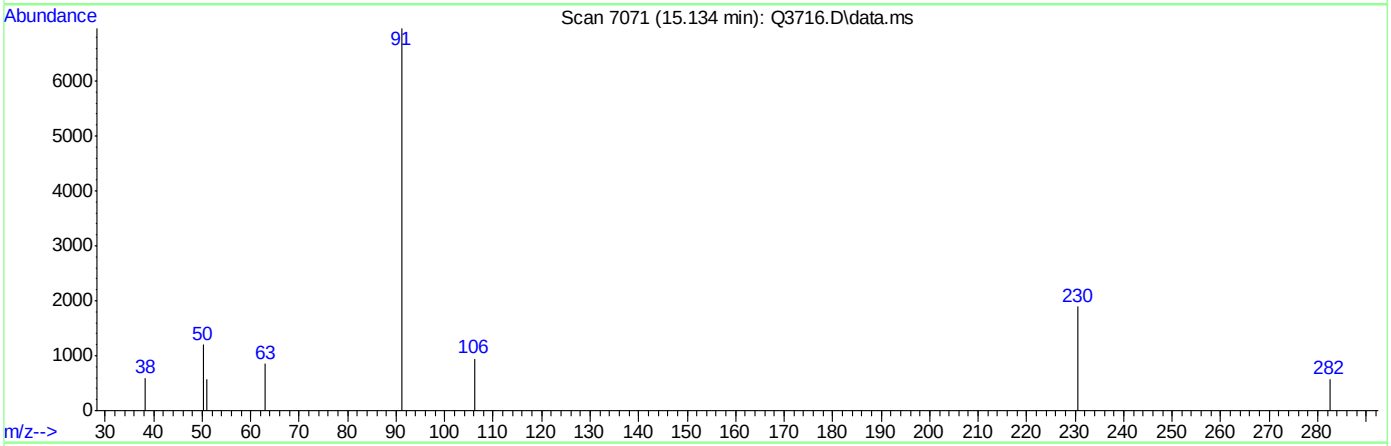
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(55) ETHYLBENZENE (m)

15.134min (+0.002) 0.31PPBV m

response 8173

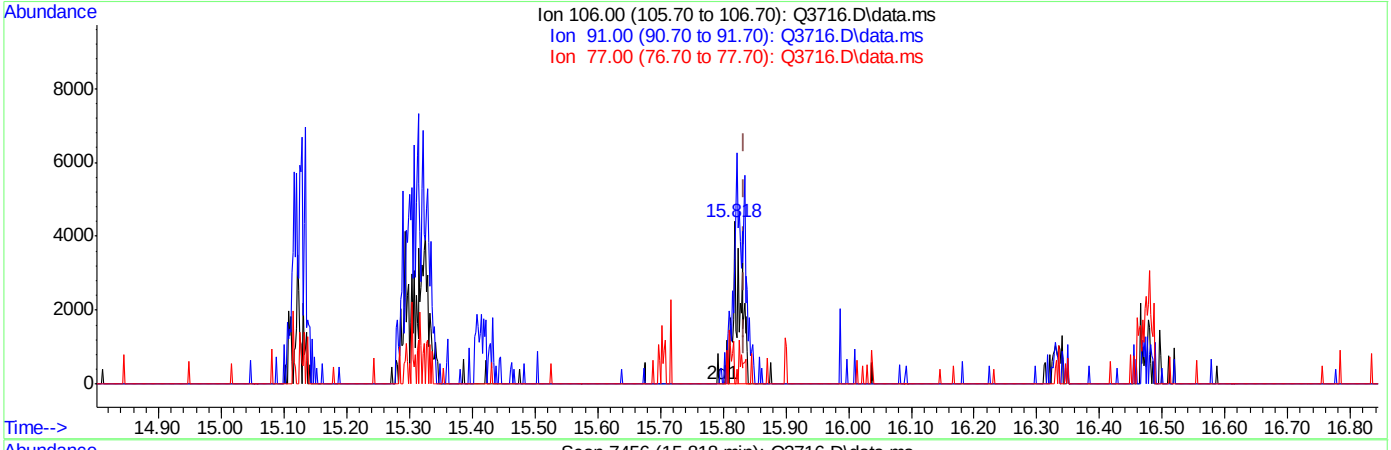
Ion	Exp%	Act%
91.00	100	100
106.00	31.10	7.65#
77.00	9.90	8.82
0.00	0.00	0.00

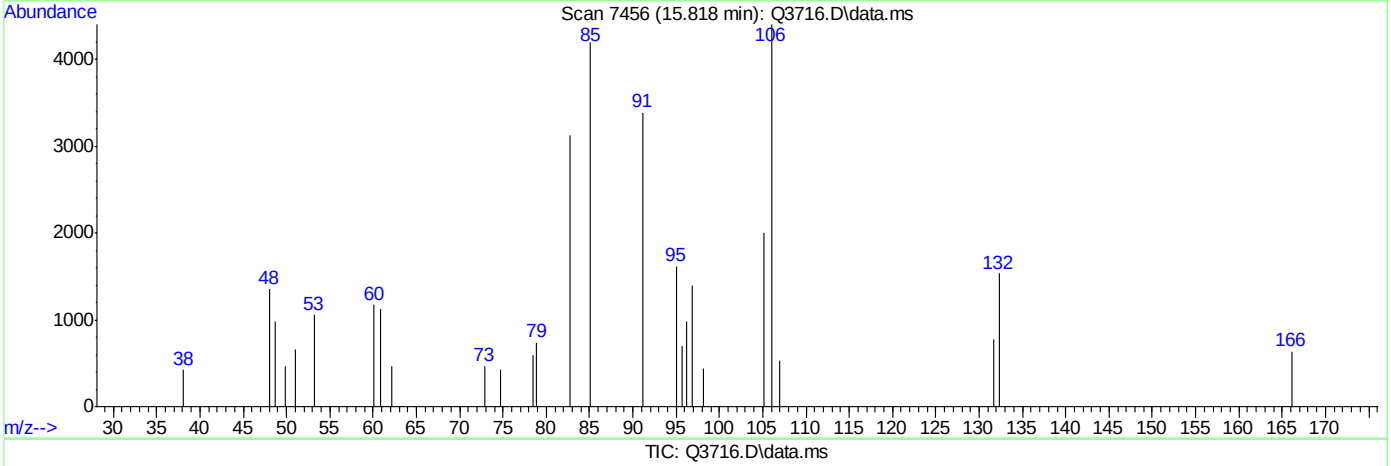
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(57) o-XYLENE (m)

15.818min (-0.015) 0.38PPBV

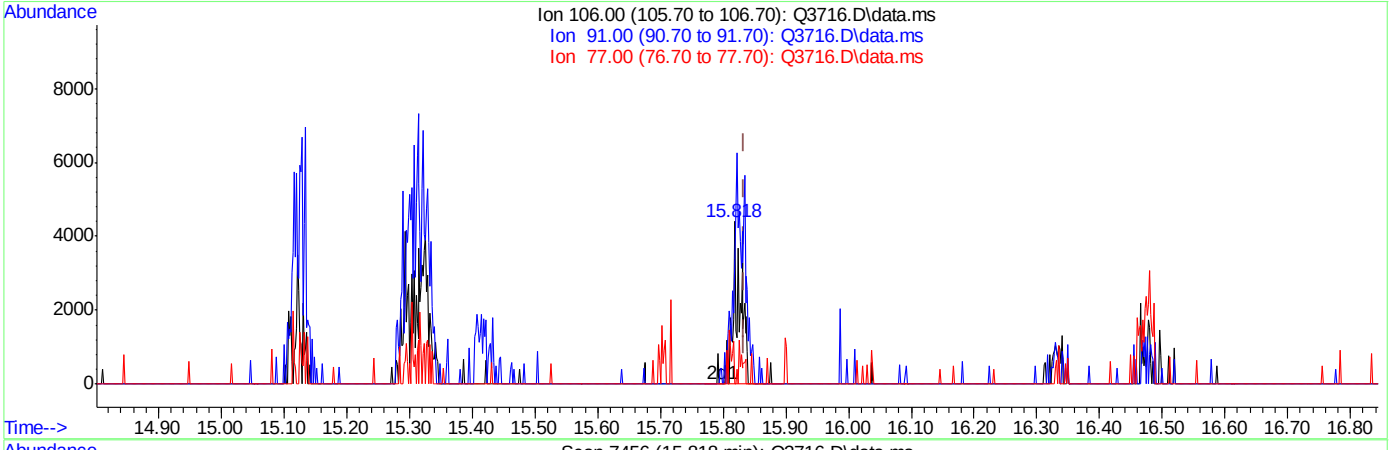
response 3722

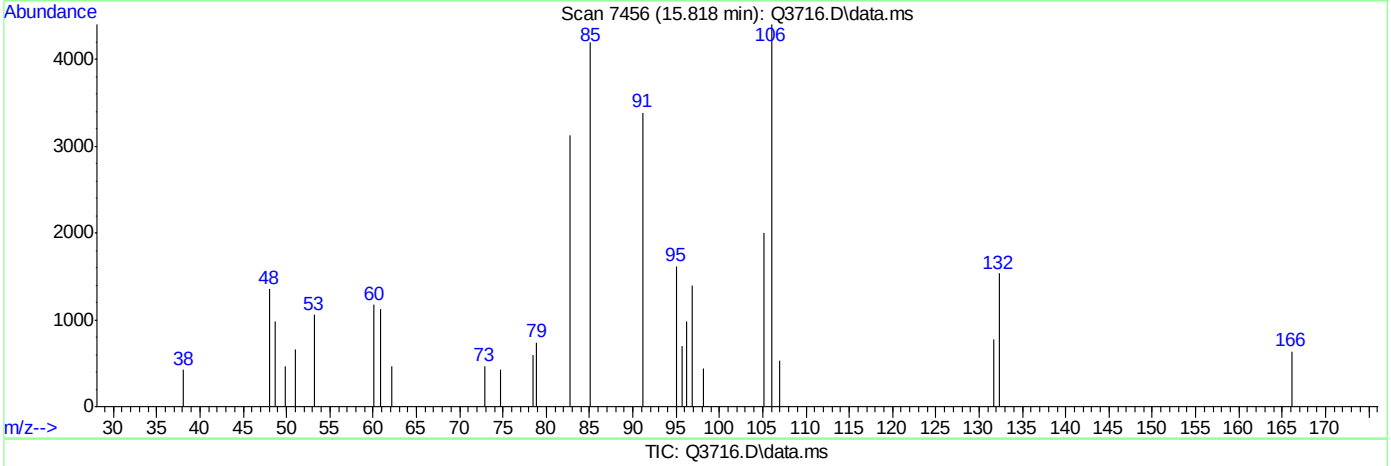
Ion	Exp%	Act%
106.00	100	100
91.00	223.70	115.10#
77.00	30.00	13.54
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(57) o-XYLENE (m)

15.818min (-0.015) 0.40PPBV m

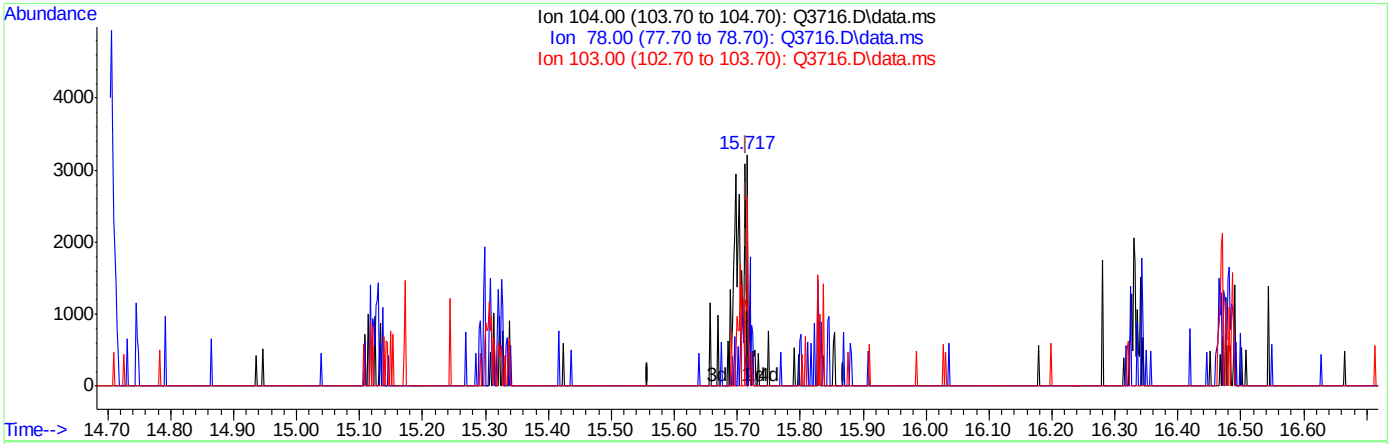
response 3870

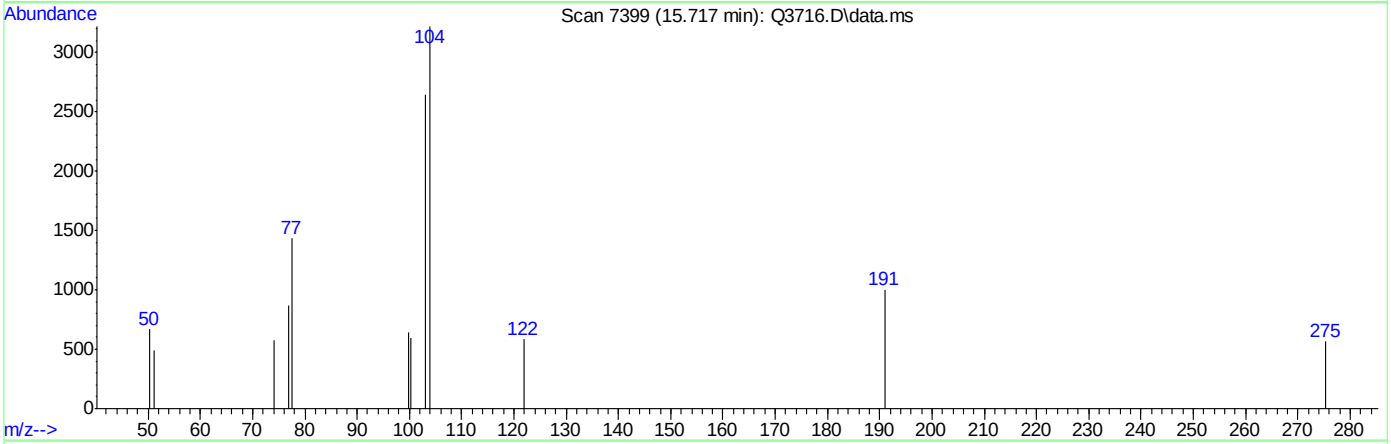
Ion	Exp%	Act%
106.00	100	100
91.00	223.70	110.70#
77.00	30.00	13.02
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(58) STYRENE (m)

15.717min (+0.003) 0.27PPBV

response 3214

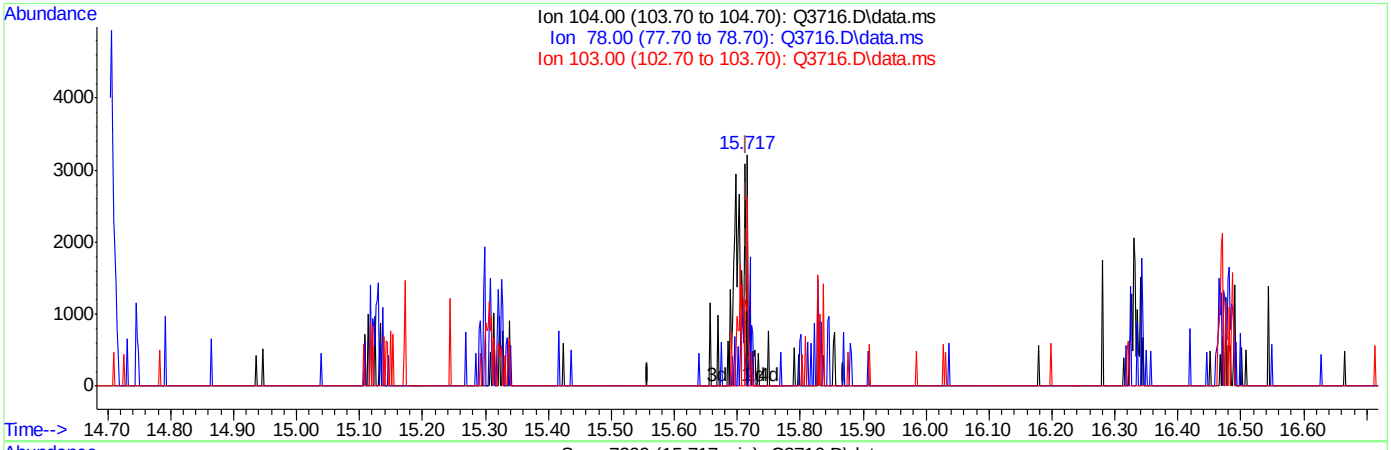
Ion	Exp%	Act%
104.00	100	100
78.00	55.00	19.14#
103.00	47.20	23.74#
0.00	0.00	0.00

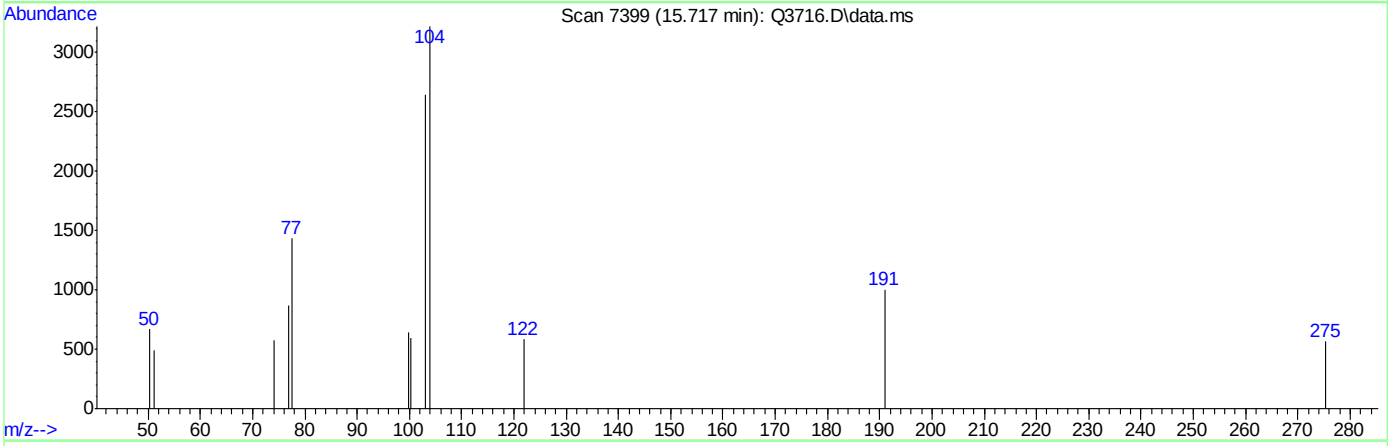
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(58) STYRENE (m)

15.717min (+0.003) 0.33PPBV m

response 3882

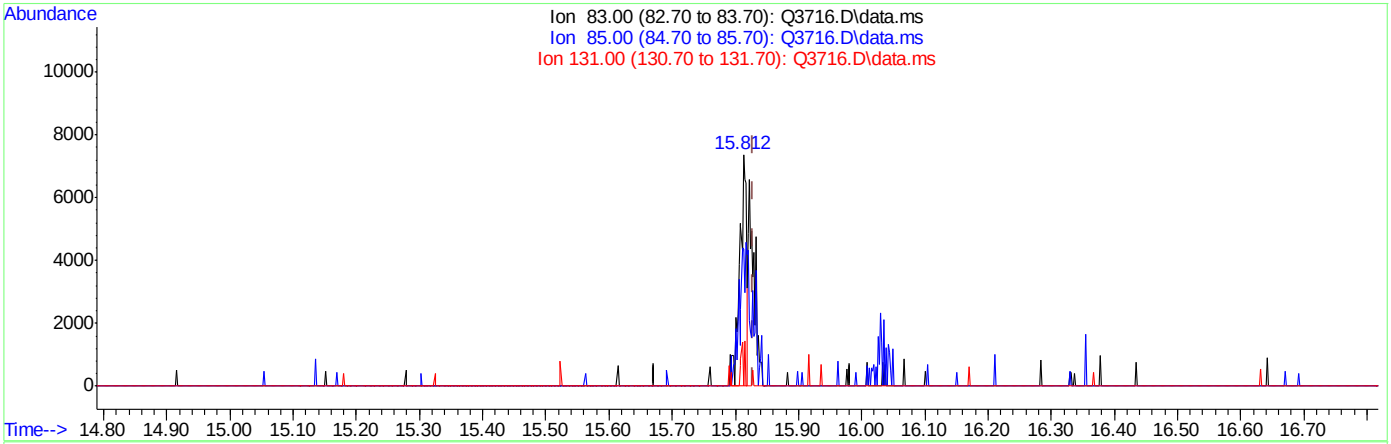
Ion	Exp%	Act%
104.00	100	100
78.00	55.00	15.84#
103.00	47.20	19.65#
0.00	0.00	0.00

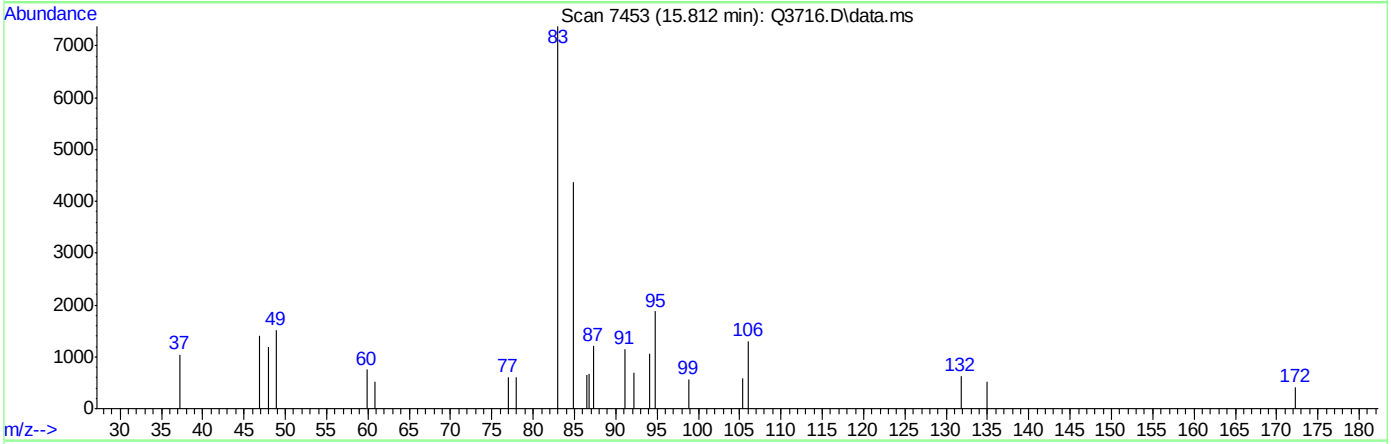
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(62) 1,1,2,2-TETRACHLOROETHANE (m)

15.812min (-0.016) 0.28PPBV

response 5447

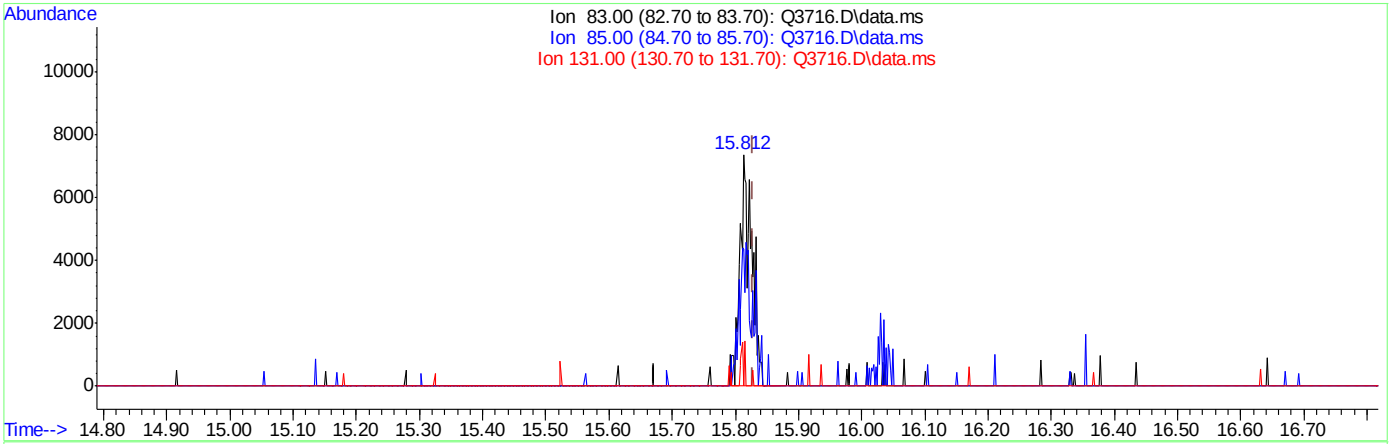
Ion	Exp%	Act%
83.00	100	100
85.00	63.60	87.00#
131.00	14.70	8.54
0.00	0.00	0.00

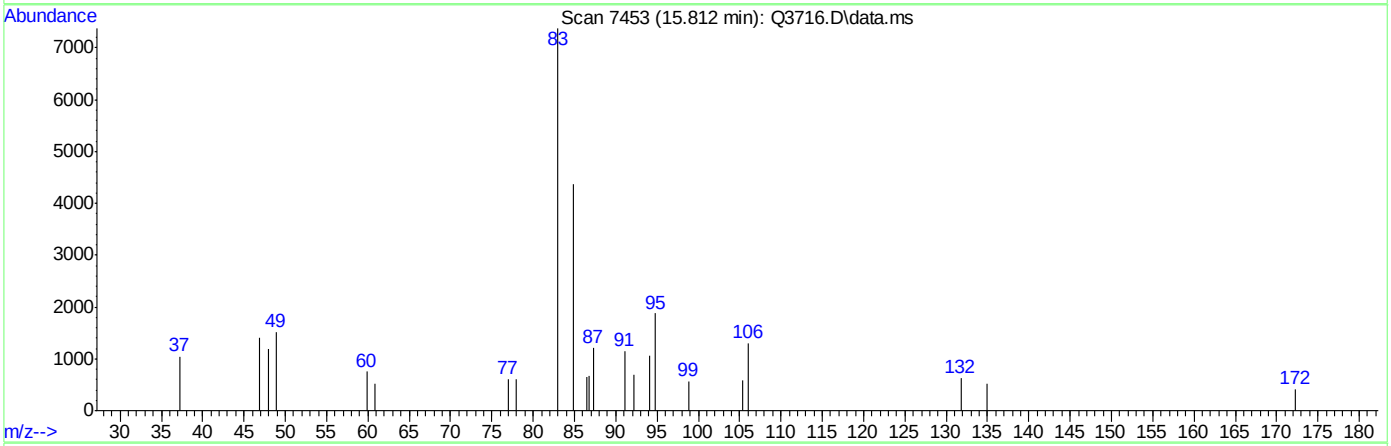
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(62) 1,1,2,2-TETRACHLOROETHANE (m)

15.812min (-0.016) 0.50PPBV m

response 9713

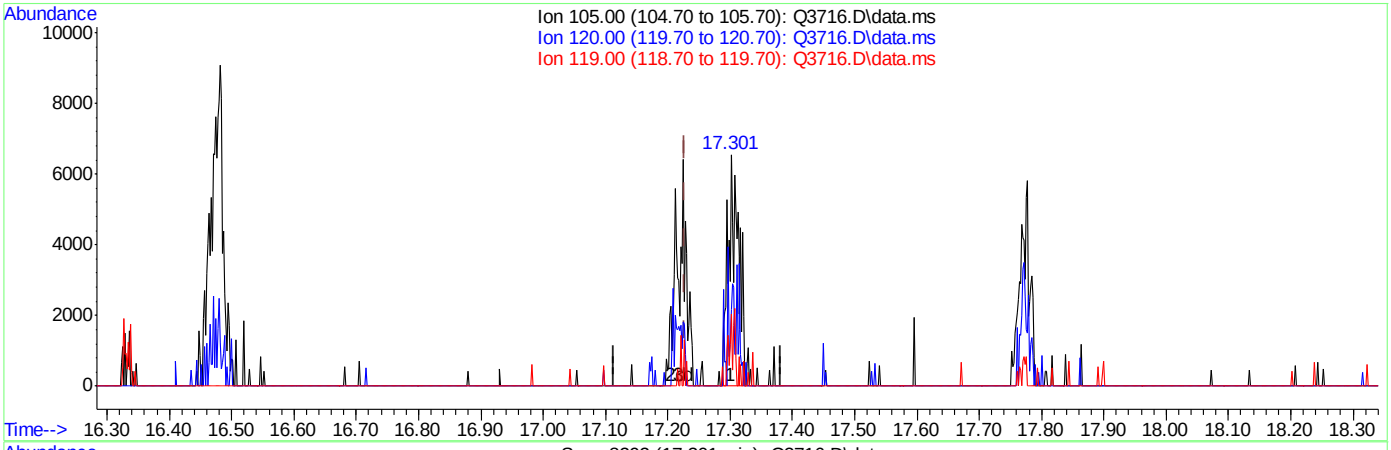
Ion	Exp%	Act%
83.00	100	100
85.00	63.60	48.79
131.00	14.70	4.79
0.00	0.00	0.00

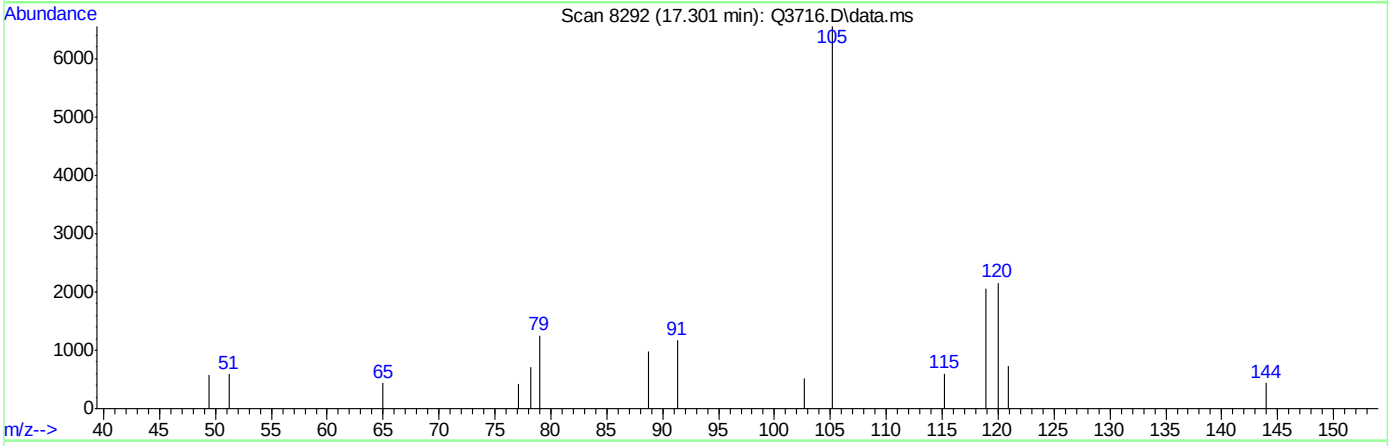
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.301min (+0.073) 0.34PPBV

response 8062

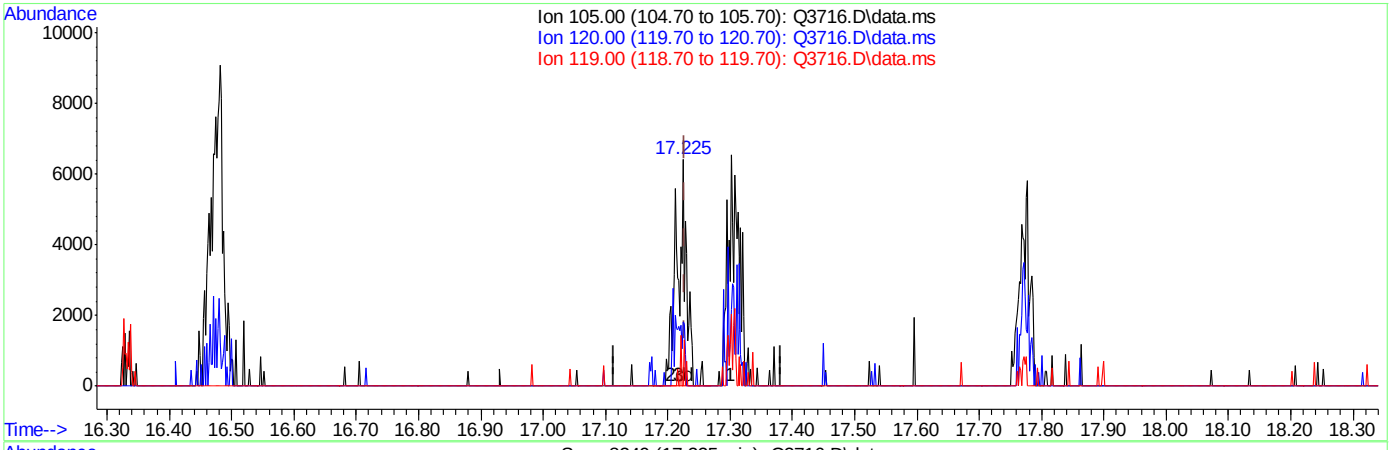
Ion	Exp%	Act%
105.00	100	100
120.00	30.20	26.26
119.00	2.30	16.89
0.00	0.00	0.00

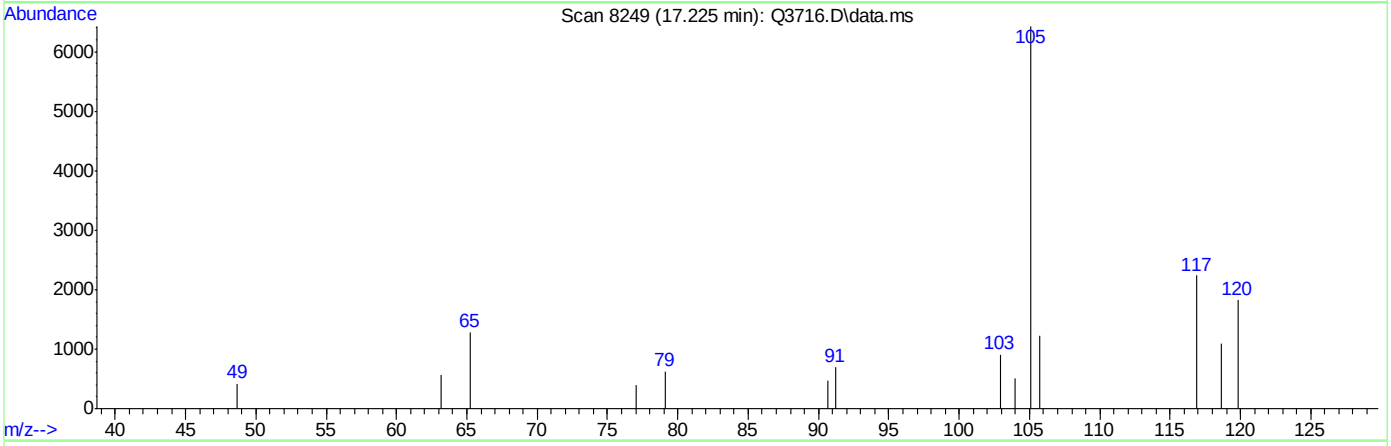
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.225min (-0.003) 0.28PPBV m

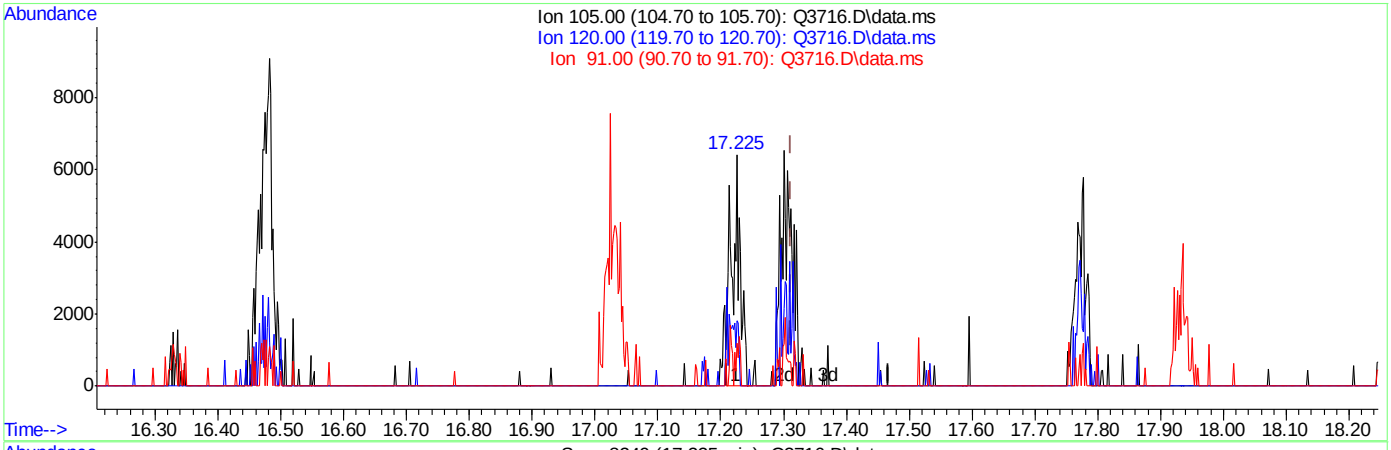
response 6789

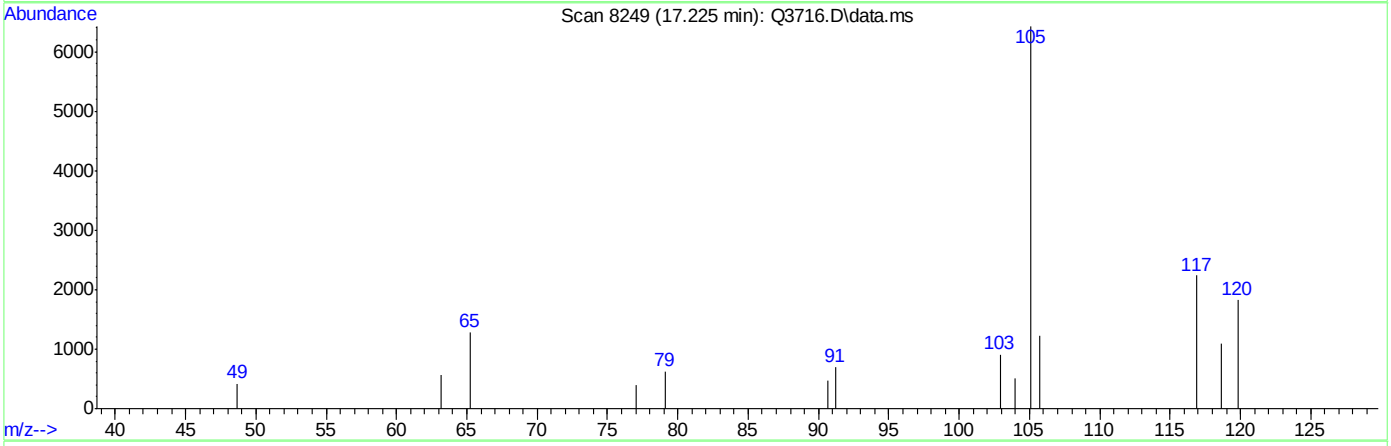
Ion	Exp%	Act%
105.00	100	100
120.00	30.20	31.18
119.00	2.30	20.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(66) 1,3,5-TRIMETHYLBENZENE (m)

17.225min (-0.088) 0.22PPBV

response 5917

Ion	Exp%	Act%
105.00	100	100
120.00	47.80	36.62
91.00	13.40	10.68
0.00	0.00	0.00

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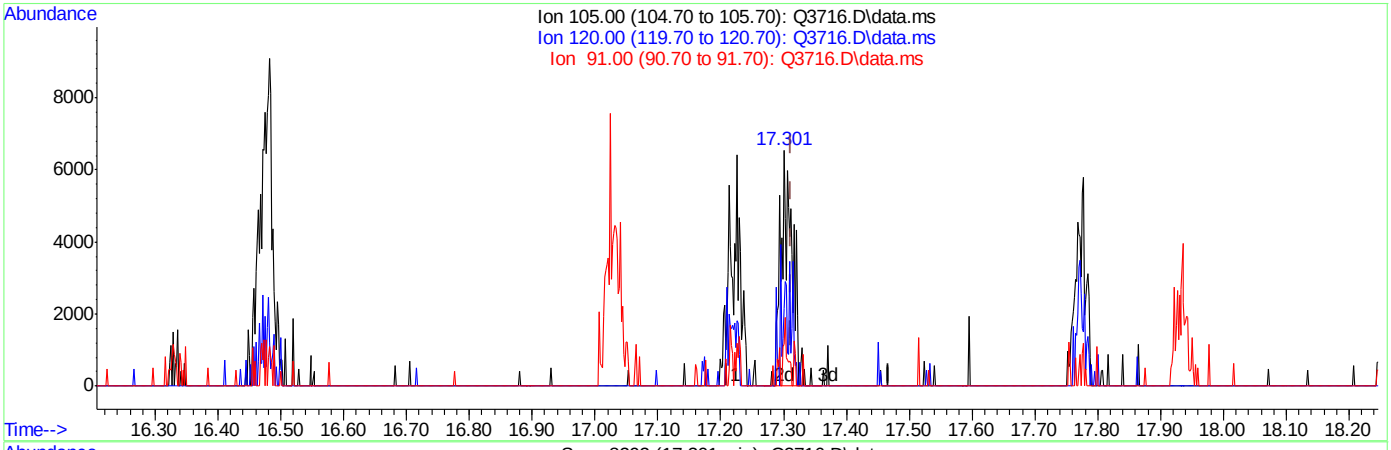
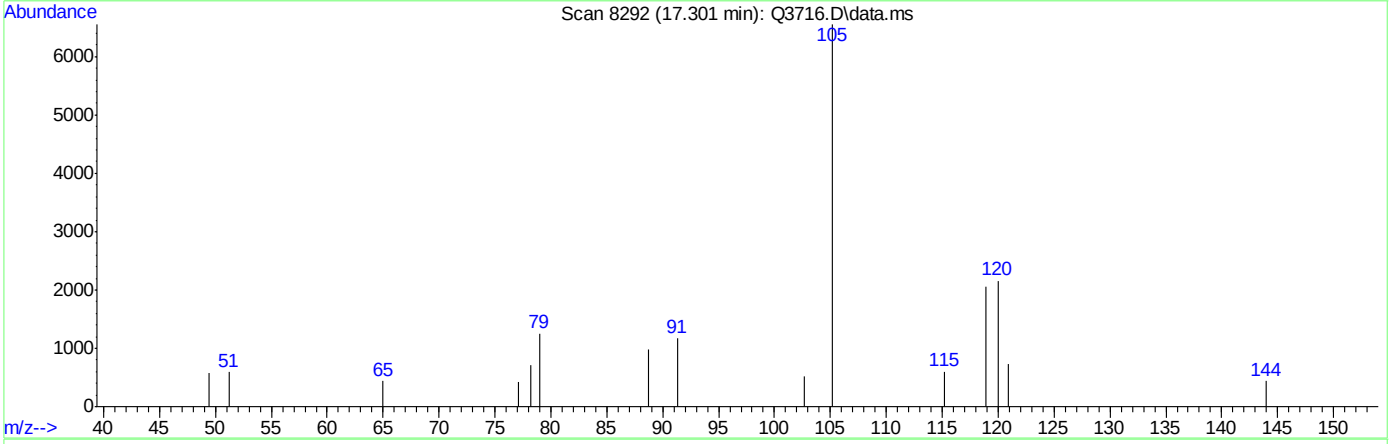
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(66) 1,3,5-TRIMETHYLBENZENE (m)

17.301min (-0.012) 0.31PPBV m

response 8160

Ion	Exp%	Act%
105.00	100	100
120.00	47.80	26.56#
91.00	13.40	7.75
0.00	0.00	0.00

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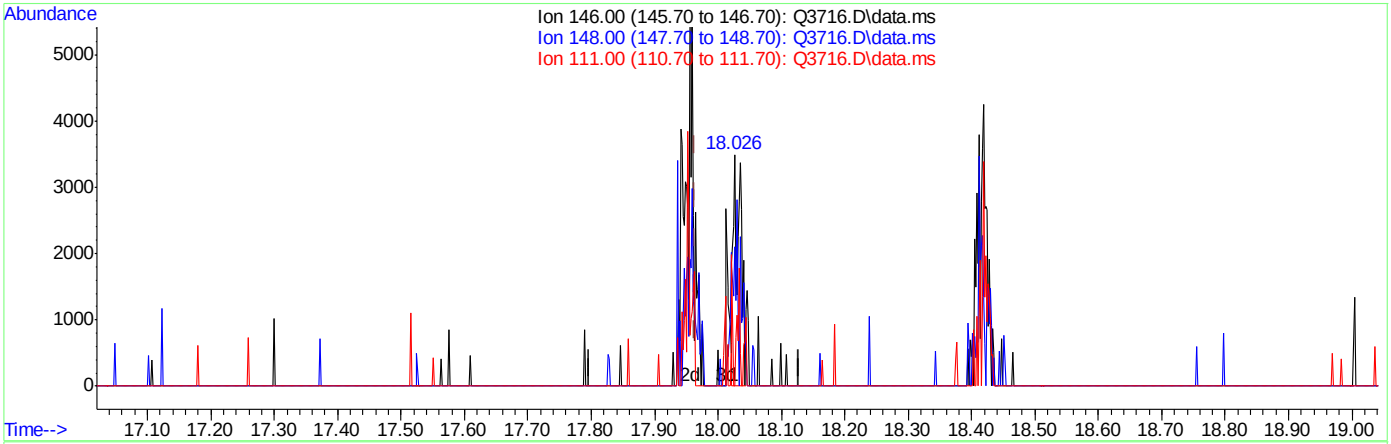
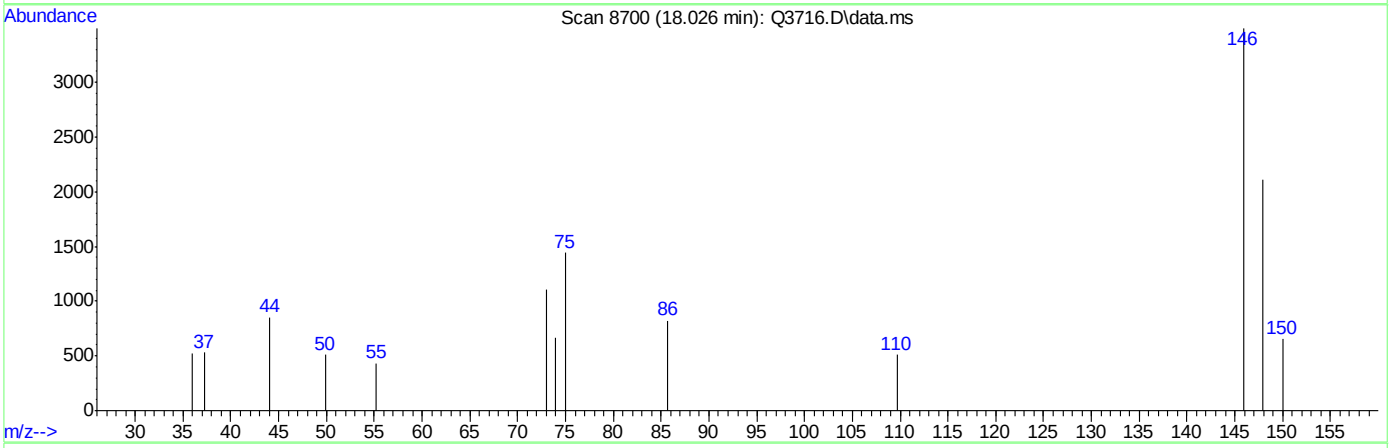
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(68) m-DICHLOROBENZENE (m)

18.026min (+0.063) 0.21PPBV

response 2643

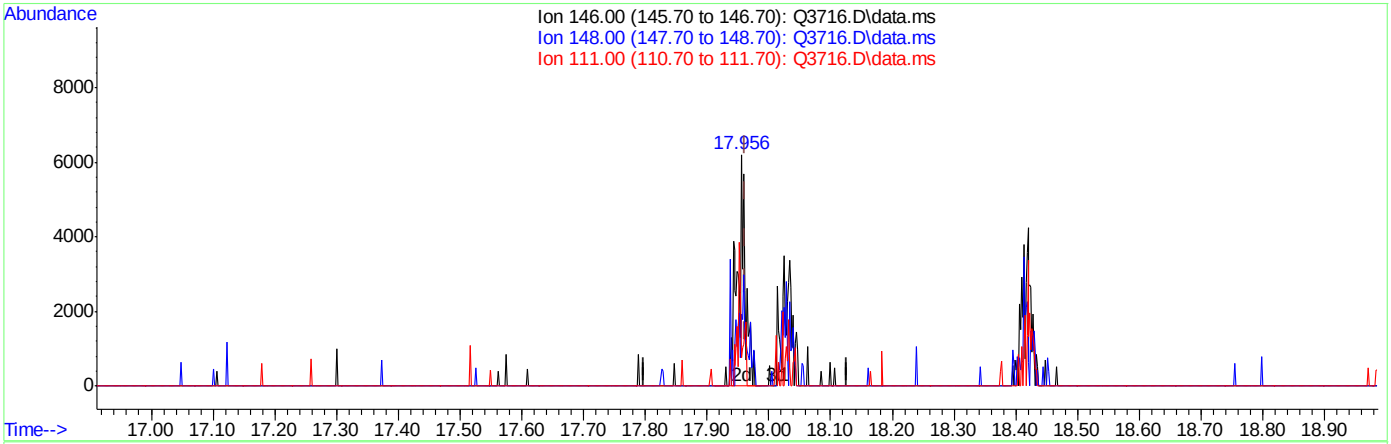
Ion	Exp%	Act%
146.00	100	100
148.00	62.90	58.19
111.00	41.00	29.74
0.00	0.00	0.00

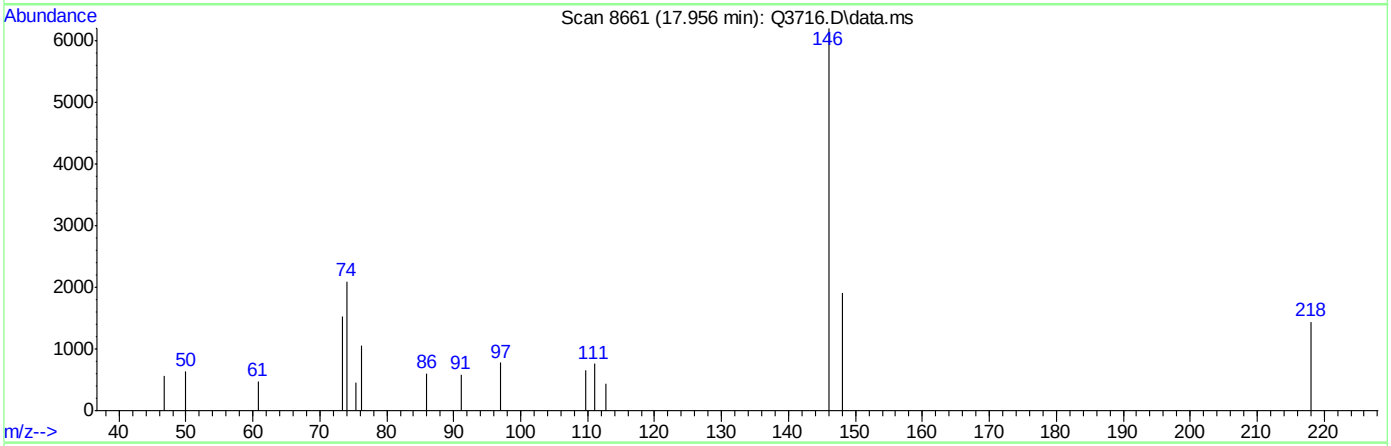
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(68) m-DICHLOROBENZENE (m)

17.956min (-0.007) 0.44PPBV m

response 5611

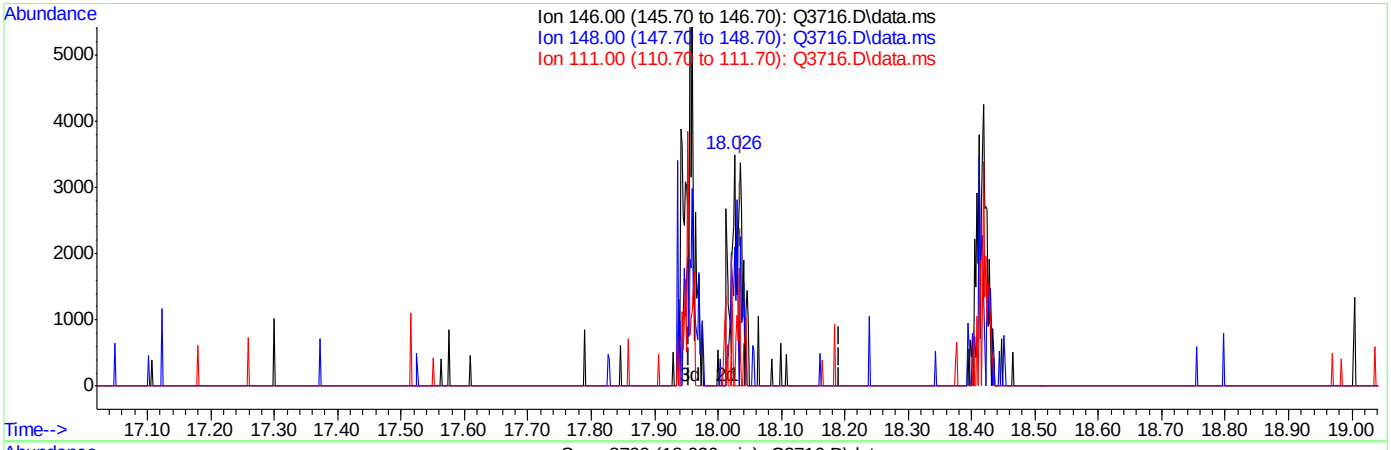
Ion	Exp%	Act%
146.00	100	100
148.00	62.90	27.41#
111.00	41.00	14.01#
0.00	0.00	0.00

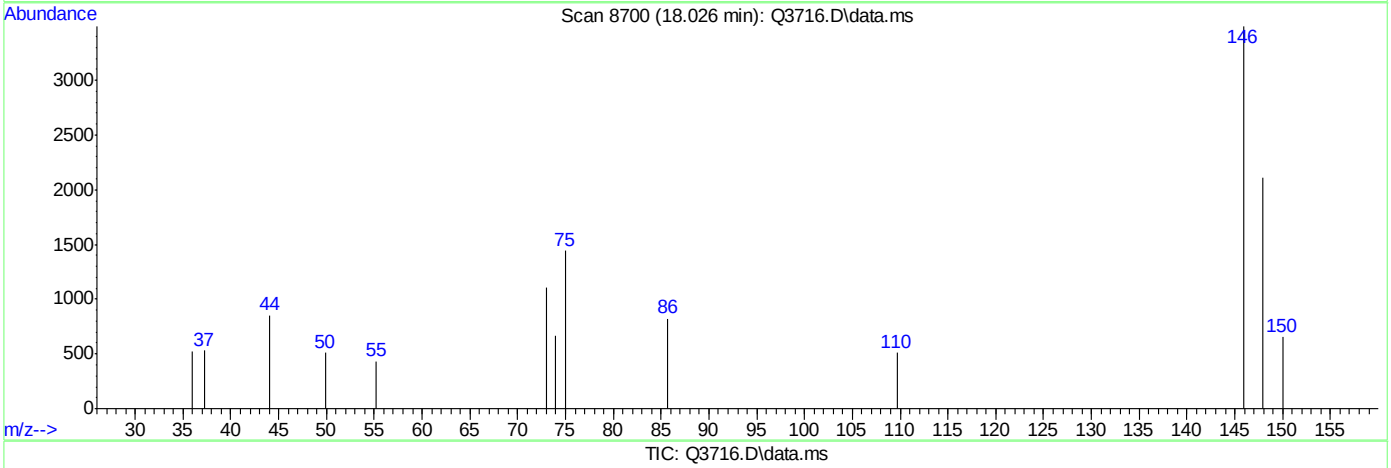
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(70) p-DICHLOROBENZENE (m)

18.026min (-0.011) 0.23PPBV

response 2643

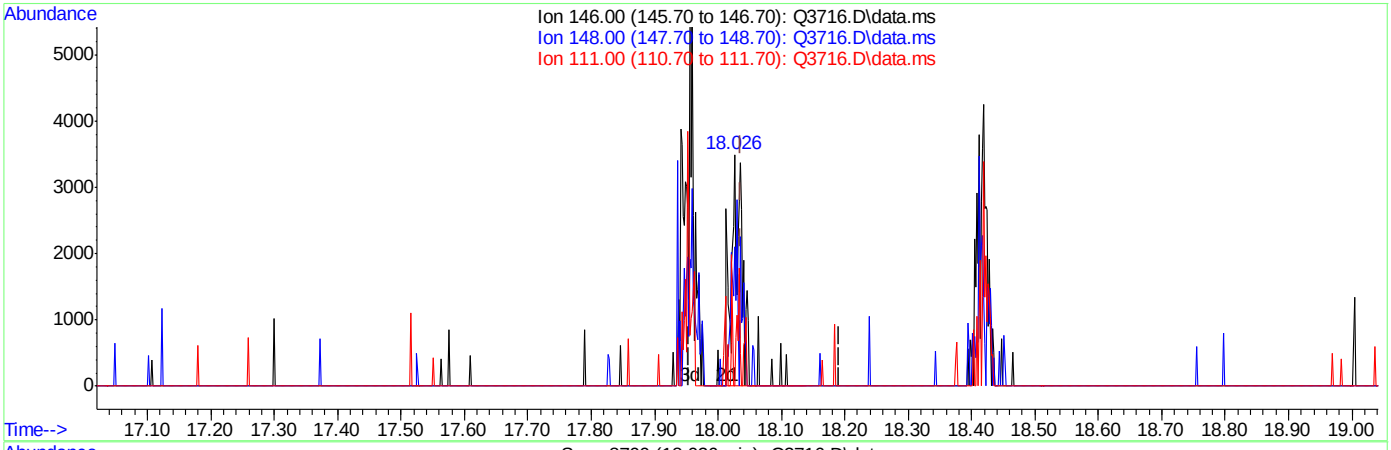
Ion	Exp%	Act%
146.00	100	100
148.00	64.20	58.19
111.00	38.90	29.74
0.00	0.00	0.00

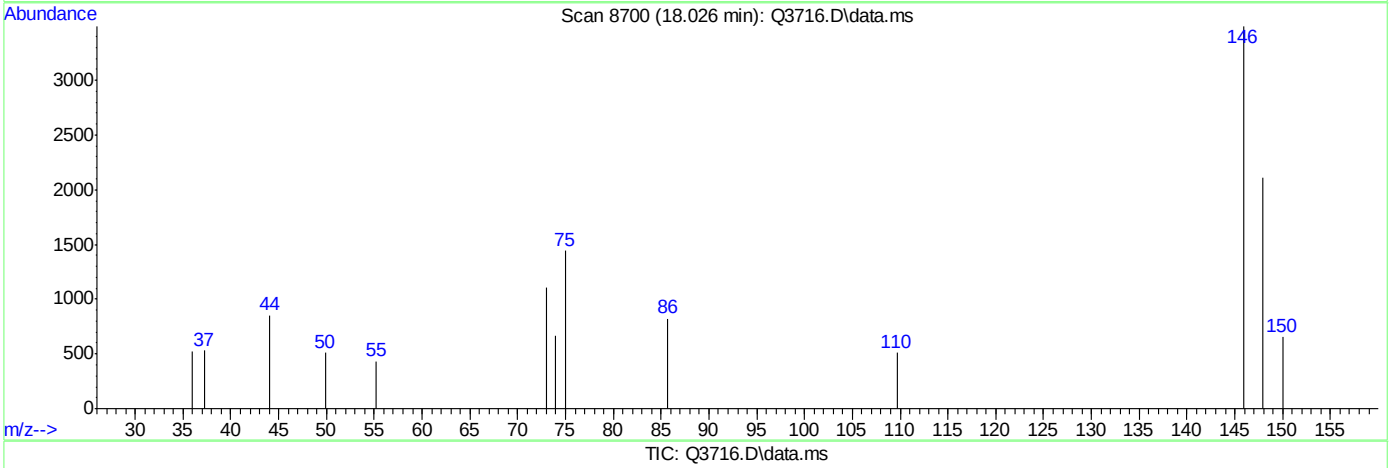
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(70) p-DICHLOROBENZENE (m)

18.026min (-0.011) 0.36PPBV m

response 4087

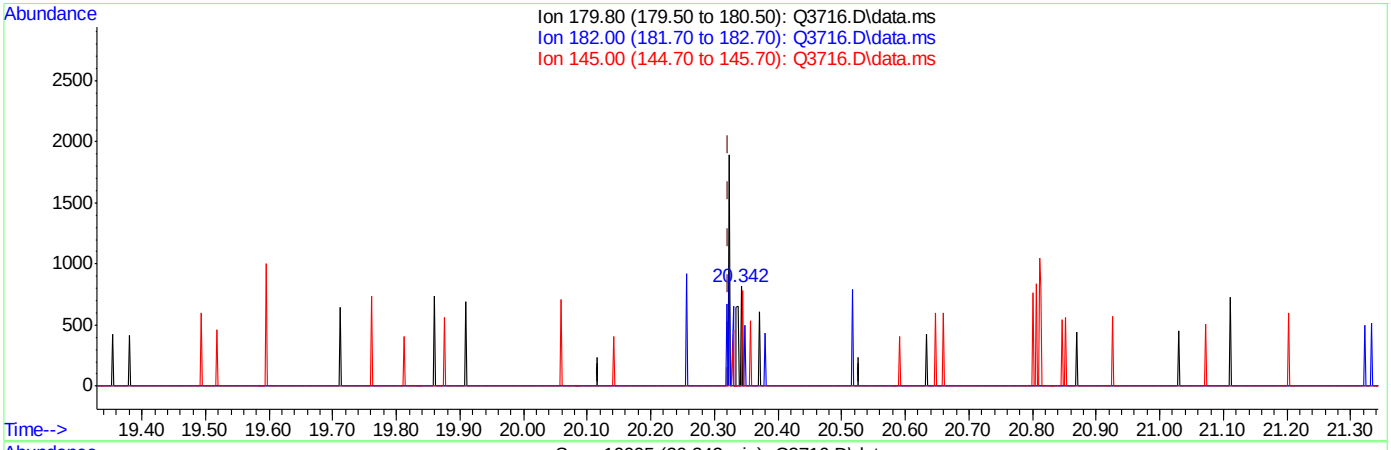
Ion	Exp%	Act%
146.00	100	100
148.00	64.20	37.63#
111.00	38.90	19.23
0.00	0.00	0.00

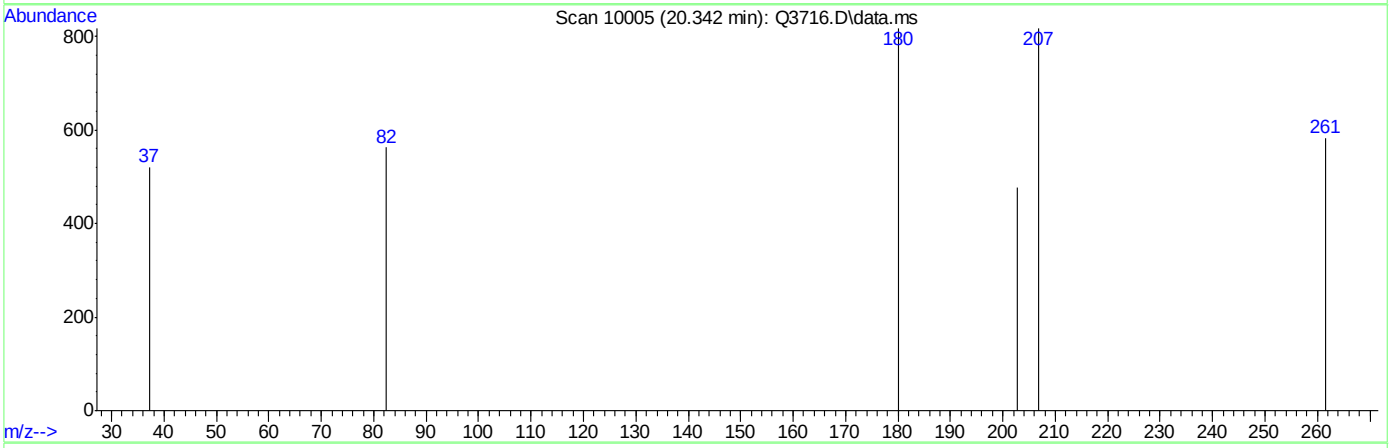
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(73) 1,2,4-TRICHLOROBENZENE (m)

20.342min (+0.019) 0.12PPBV

response 225

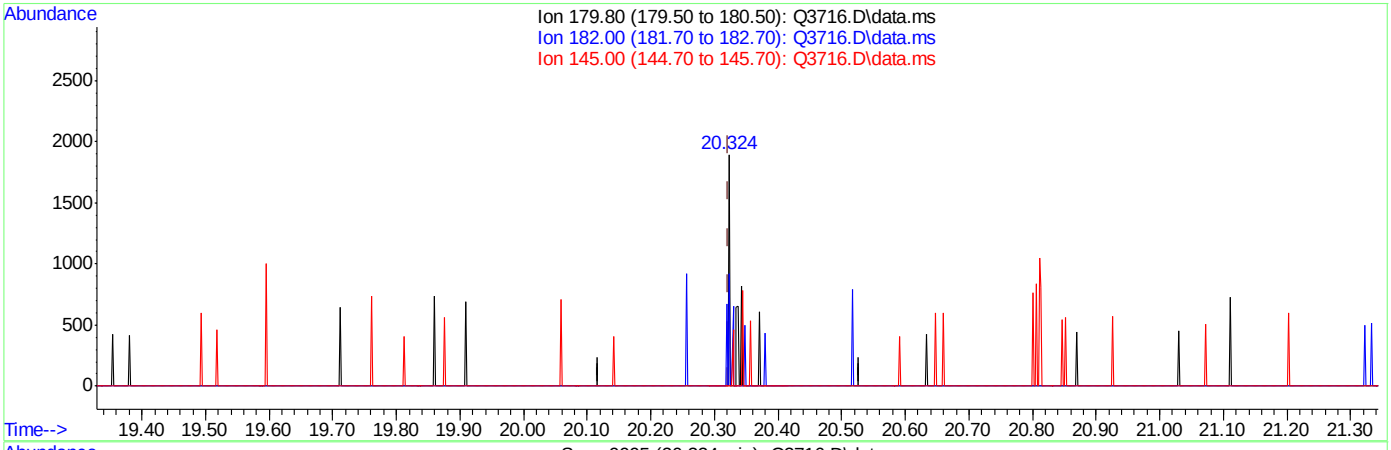
Ion	Exp%	Act%
179.80	100	100
182.00	91.20	23.56#
145.00	35.30	36.89
0.00	0.00	0.00

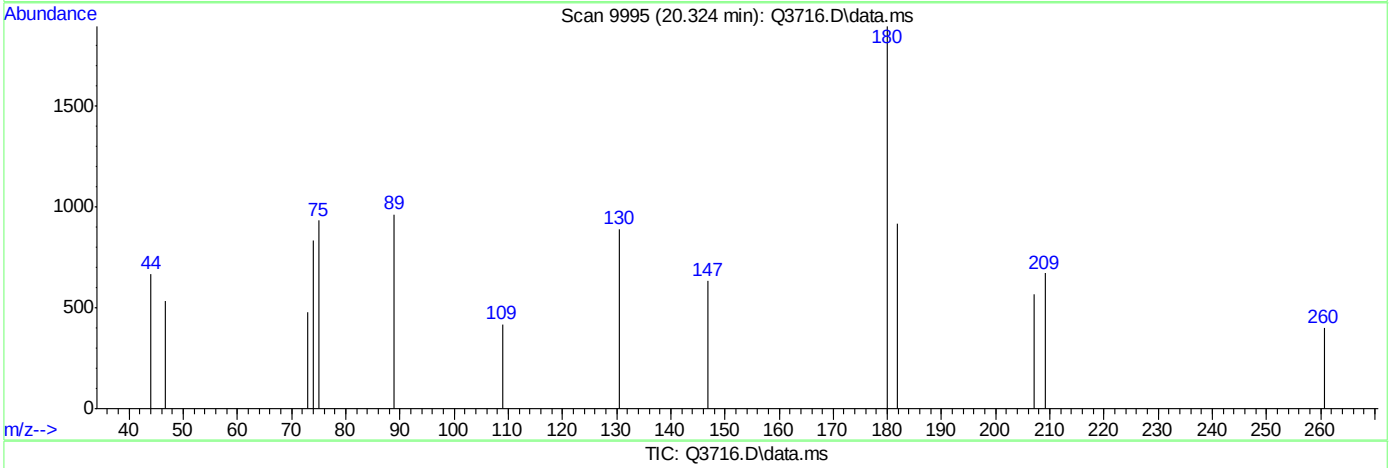
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3716.D
Acq On : 14 Jun 2007 12:07 pm
Operator : PhilipB
Sample : IC201-.5 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 13:20:22 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 11:56:08 2007
Response via : Initial Calibration





TIC: Q3716.D\data.ms

(73) 1,2,4-TRICHLOROBENZENE (m)

20.324min (+0.001) 0.26PPBV m

response 492

Ion	Exp%	Act%
179.80	100	100
182.00	91.20	10.77#
145.00	35.30	16.87
0.00	0.00	0.00

ACCUTEST Laboratories M65803

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 06/15/07 16:35

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 16:37:31 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.431	128	47981	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.350	114	239884	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.694	117	267669	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.332	95	117014	4.85	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 97.00%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	3.611	85	8263m	0.19	PPBV		
4) FREON 114	3.879	85	7095m	0.20	PPBV		
5) CHLOROMETHANE	3.778	50	1084	0.16	PPBV	#	42
6) VINYL CHLORIDE	4.012	62	1430m	0.17	PPBV		
8) BROMOMETHANE	4.399	94	2282m	0.25	PPBV		
9) CHLOROETHANE	4.582	64	375m	0.10	PPBV		
10) TRICHLOROFLUOROMETHANE	5.407	101	10194	0.23	PPBV	#	100
11) ISOPROPYL ALCOHOL	5.481	45	4300m	0.34	PPBV		
12) ACETONE	5.213	43	6354	0.40	PPBV		90
13) PENTANE	5.780	42	1490	0.23	PPBV	#	100
14) 1,1-DICHLOROETHYLENE	6.085	96	2266	0.25	PPBV	#	19
15) CARBON DISULFIDE	6.541	76	4882	0.19	PPBV	#	1
16) ETHANOL	4.695	45	394	0.20	PPBV	#	100
17) BROMOETHENE	4.956	106	1537m	0.20	PPBV		
18) METHYLENE CHLORIDE	6.213	84	5675m	0.52	PPBV		
20) FREON 113	6.481	151	3437m	0.22	PPBV		
21) TRANS-1,2-DICHLOROETHY...	7.207	96	2290m	0.29	PPBV		
22) TERTIARY BUTYL ALCOHOL	6.131	59	3922m	0.22	PPBV		
23) METHYL TERTIARY BUTYL ...	7.483	73	5967m	0.23	PPBV		
27) 1,1-DICHLOROETHANE	7.405	63	4179	0.21	PPBV		100
29) cis-1,2-DICHLOROETHYLENE	8.263	96	836m	0.14	PPBV		
31) CHLOROFORM	8.555	83	5777	0.25	PPBV	#	100
32) 1,1,1-TRICHLOROETHANE	9.569	97	5918m	0.22	PPBV		
33) CARBON TETRACHLORIDE	10.165	117	4903	0.17	PPBV	#	73
34) 1,2-DICHLOROETHANE	9.295	62	3384m	0.20	PPBV		
36) BENZENE	10.012	78	2823m	0.15	PPBV		
38) TRICHLOROETHYLENE	11.047	95	1030m	0.10	PPBV		
40) BROMODICHLOROMETHANE	11.013	83	4881m	0.25	PPBV		
48) 1,1,2-TRICHLOROETHANE	12.600	83	1260m	0.15	PPBV		
51) TETRACHLOROETHYLENE	14.032	164	1625m	0.19	PPBV		
52) DIBROMOCHLOROMETHANE	13.310	129	2660m	0.12	PPBV		
60) BROMOFORM	15.411	173	3811m	0.20	PPBV		
62) 1,1,2,2-TETRACHLOROETHANE	15.811	83	4399	0.17	PPBV		93
63) ISOPROPYLBENZENE	16.465	105	5426m	0.13	PPBV		
64) 2-CHLOROTOLUENE	17.021	91	3377m	0.11	PPBV		
65) 4-ETHYLTOLUENE	17.222	105	2847	0.08	PPBV	#	51
66) 1,3,5-TRIMETHYLBENZENE	17.303	105	2516m	0.07	PPBV		
67) 1,2,4-TRIMETHYLBENZENE	17.763	105	2390m	0.07	PPBV		
68) m-DICHLOROBENZENE	17.953	146	1835m	0.09	PPBV		
69) BENZYL CHLORIDE	17.933	91	1457m	0.06	PPBV		
70) p-DICHLOROBENZENE	18.024	146	1369m	0.08	PPBV		

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 16:37:31 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration

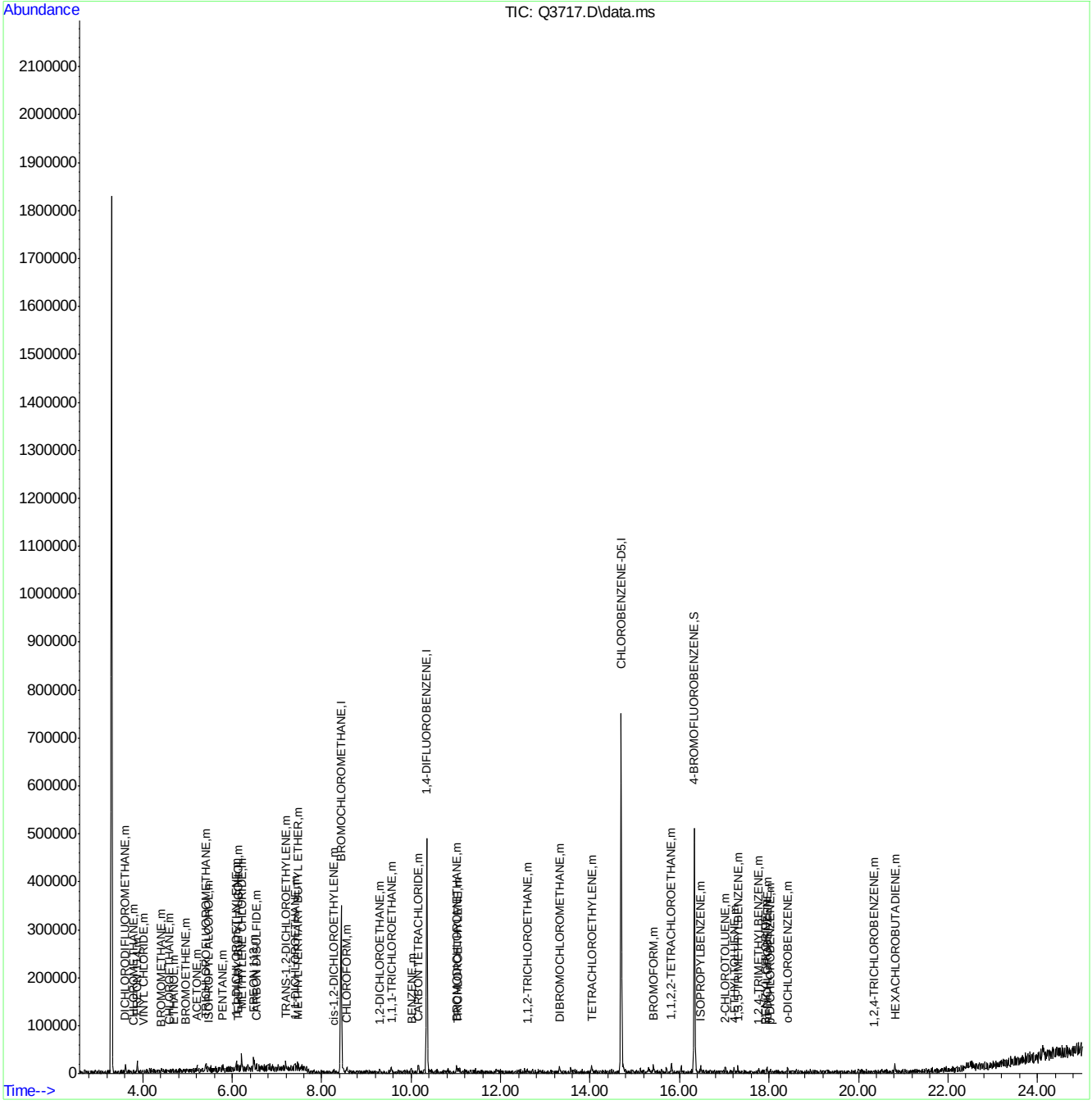
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) o-DICHLOROBENZENE	18.420	146	1606m	0.09	PPBV	
72) HEXACHLOROBUTADIENE	20.814	225	1924m	0.20	PPBV	
73) 1,2,4-TRICHLOROBENZENE	20.345	180	79	0.03	PPBV #	8

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 16:37:31 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration



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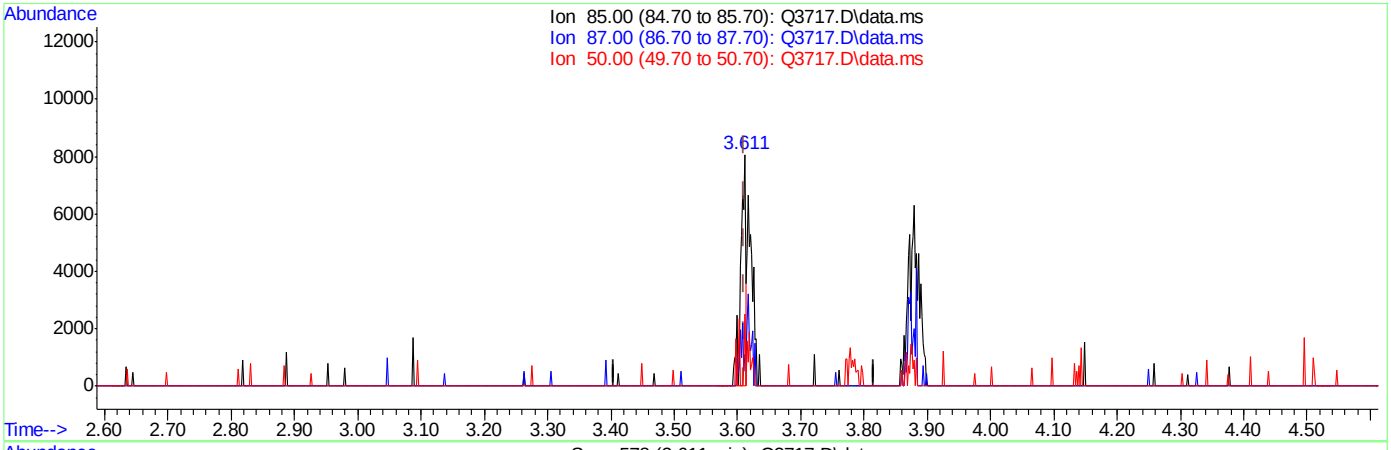
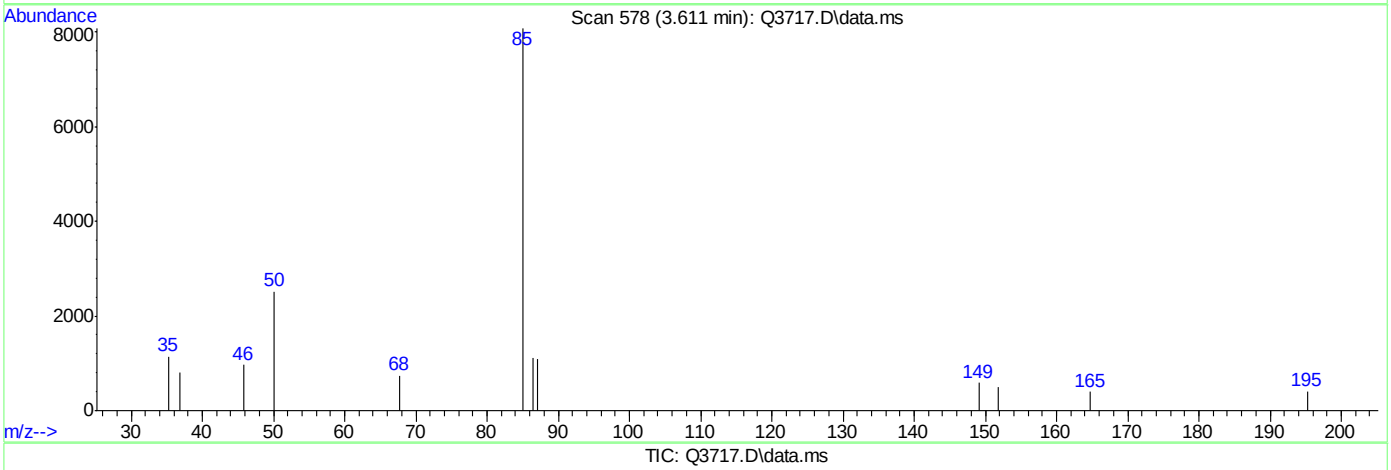
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(2) DICHLORODIFLUOROMETHANE (m)

3.611min (+0.000) 0.10PPBV

response 4263

Ion	Exp%	Act%
85.00	100	100
87.00	24.00	38.00
50.00	9.70	17.99
0.00	0.00	0.00

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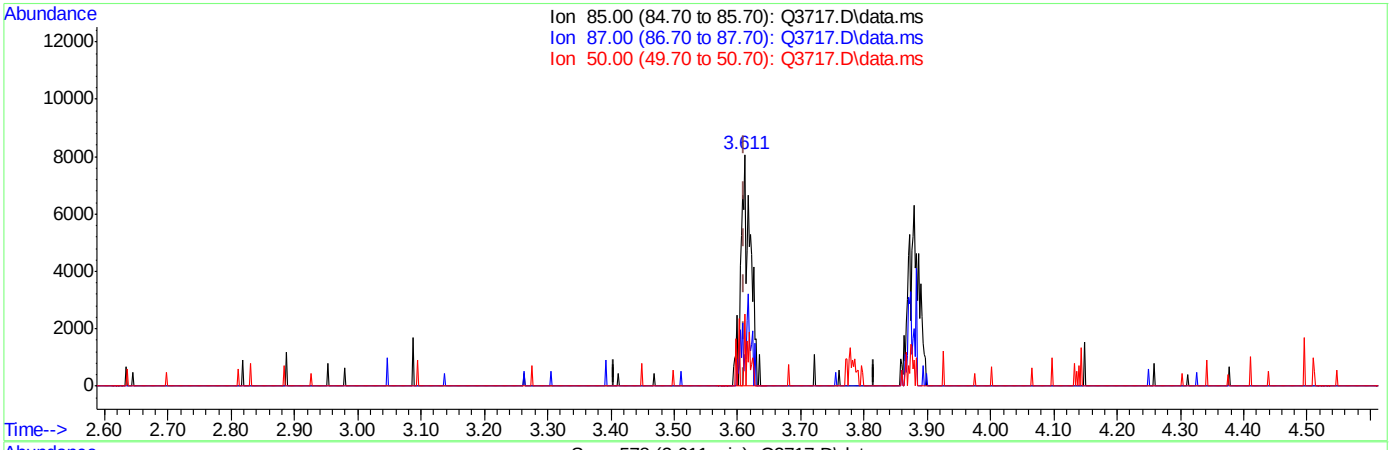
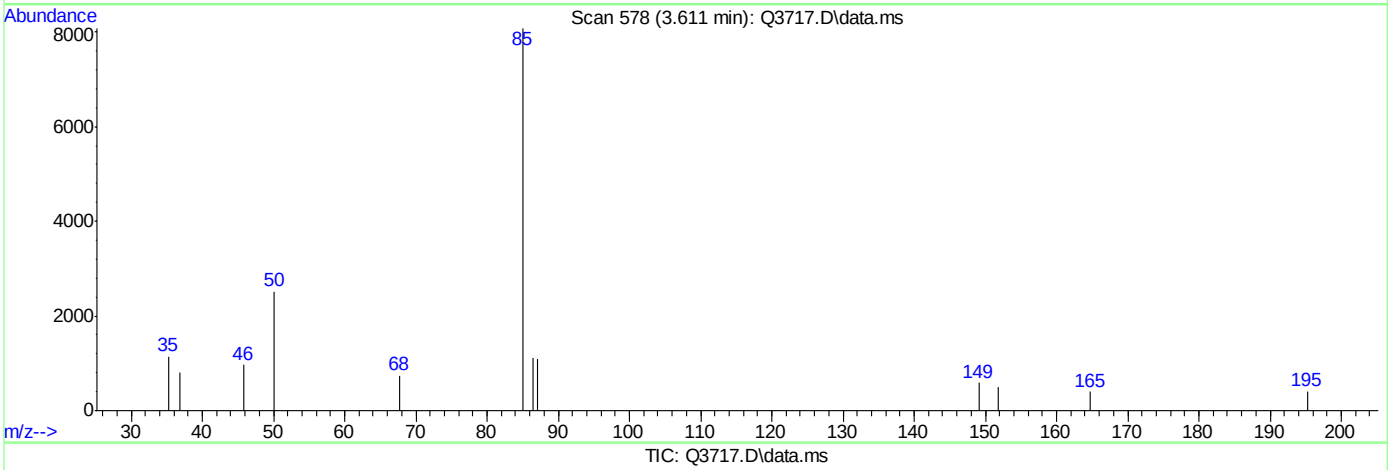
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(2) DICHLORODIFLUOROMETHANE (m)

3.611min (+0.000) 0.19PPBV m

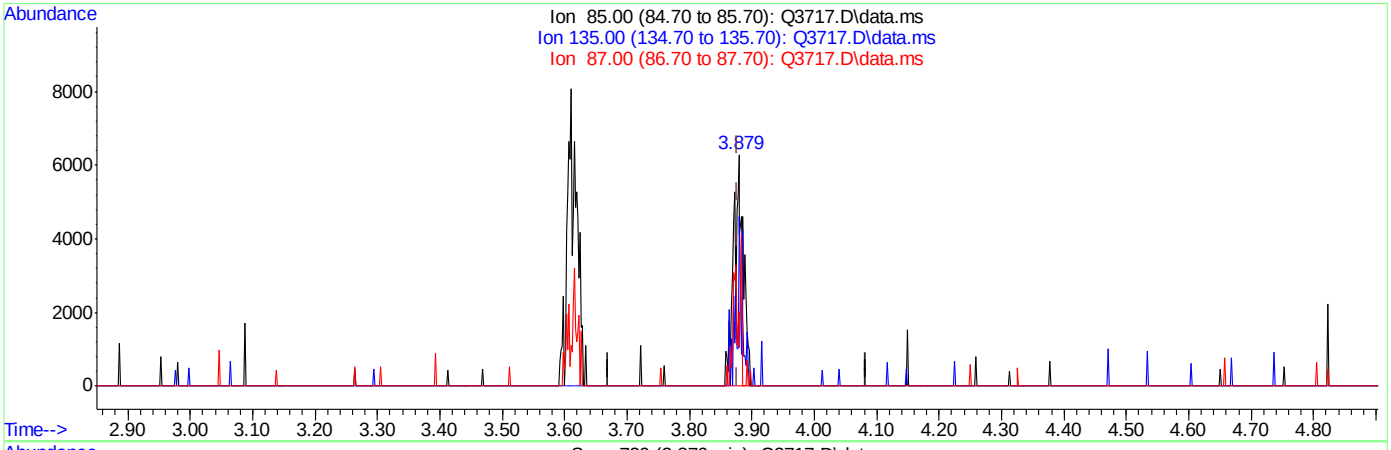
response 8263

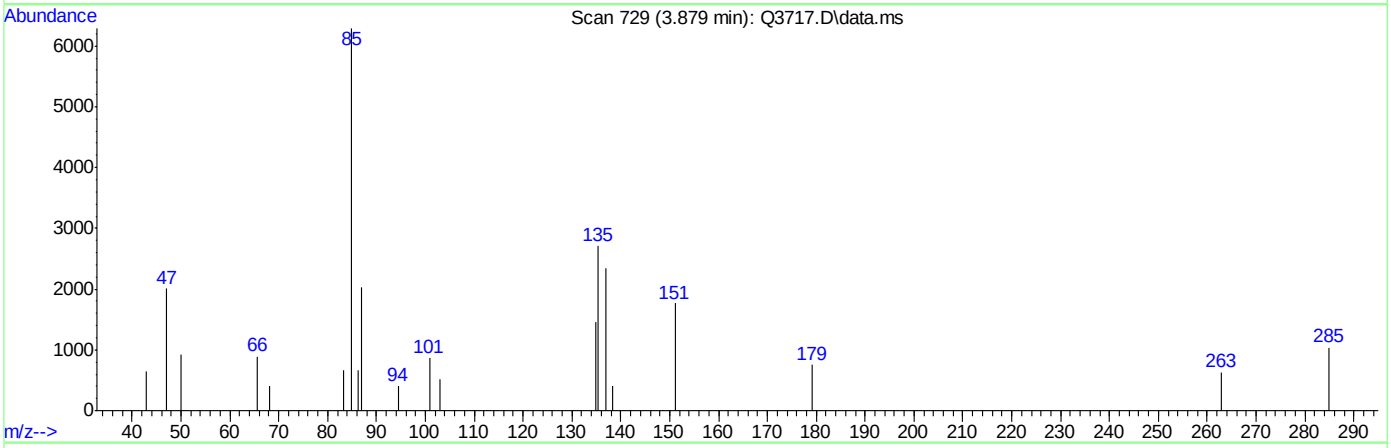
Ion	Exp%	Act%
85.00	100	100
87.00	24.00	19.61
50.00	9.70	9.28
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(4) FREON 114 (m)

3.879min (+0.002) 0.20PPBV

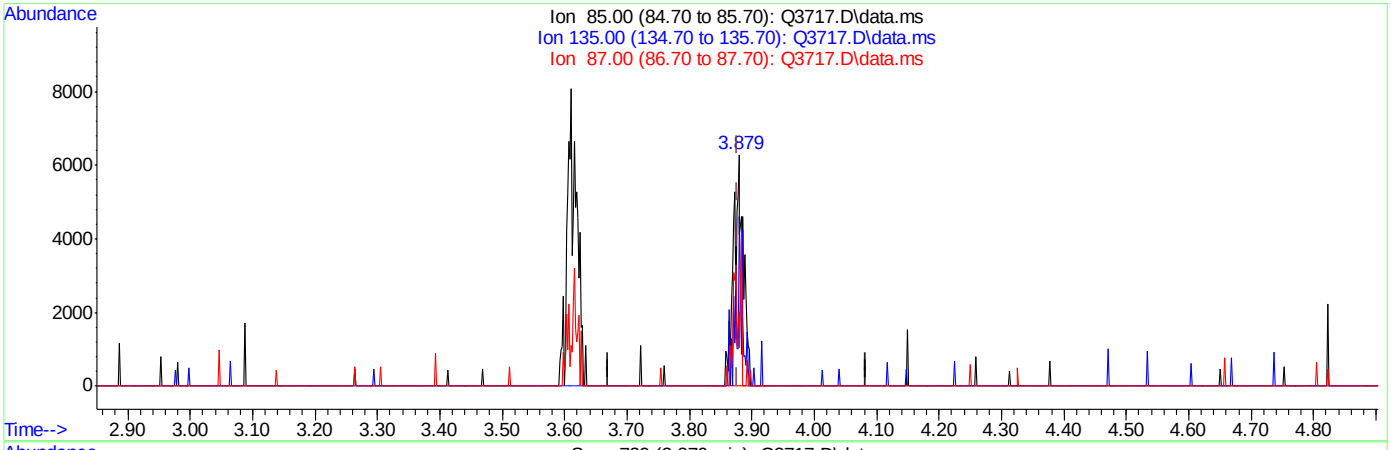
response 7094

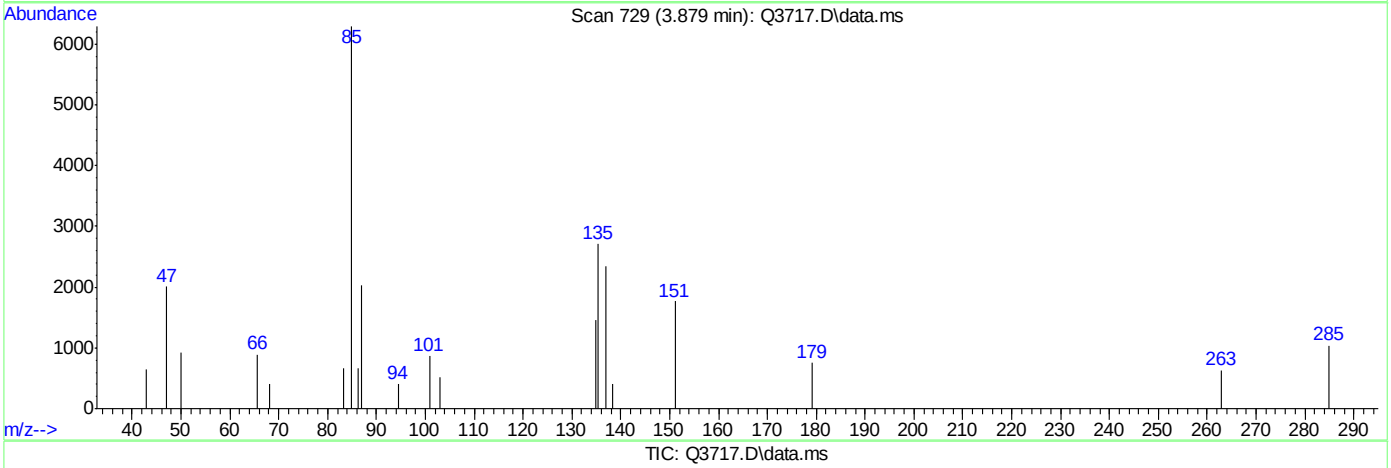
Ion	Exp%	Act%
85.00	100	100
135.00	0.00	48.13#
87.00	0.00	33.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(4) FREON 114 (m)

3.879min (+0.002) 0.20PPBV m

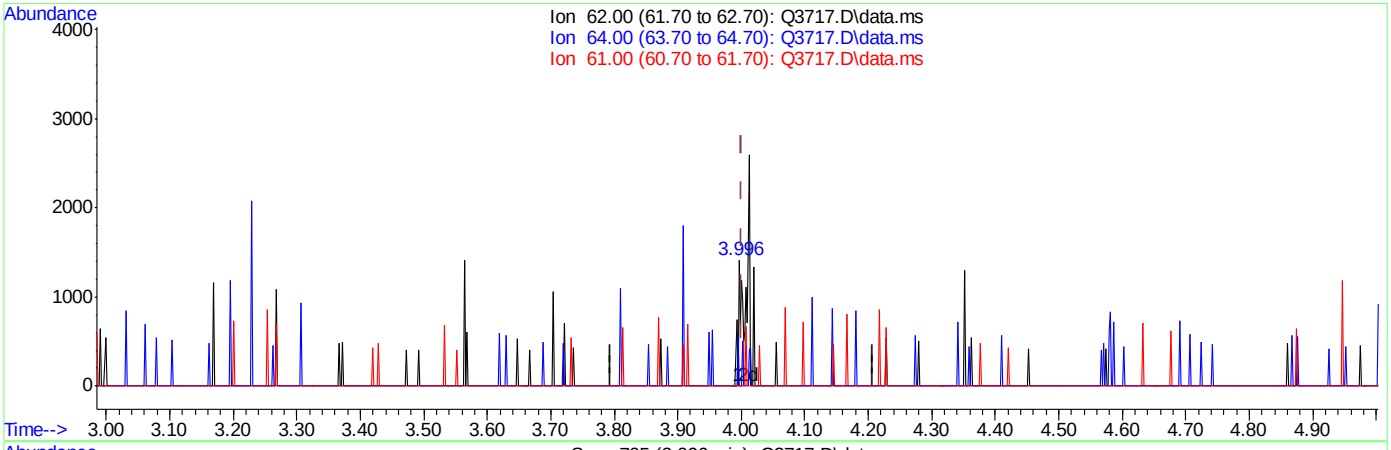
response 7095

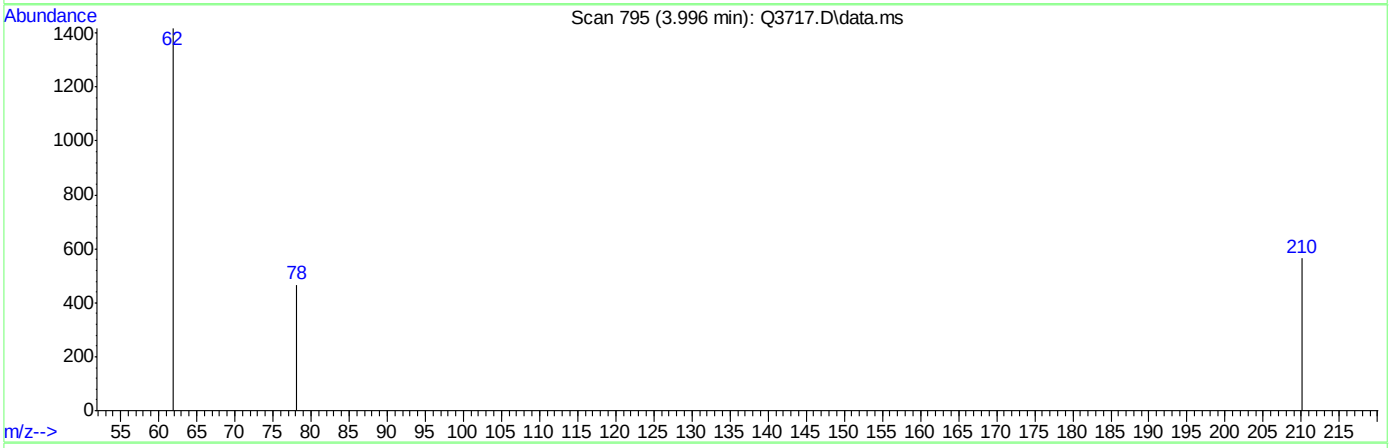
Ion	Exp%	Act%
85.00	100	100
135.00	0.00	48.12#
87.00	0.00	33.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(6) VINYL CHLORIDE (m)

3.996min (-0.005) 0.07PPBV

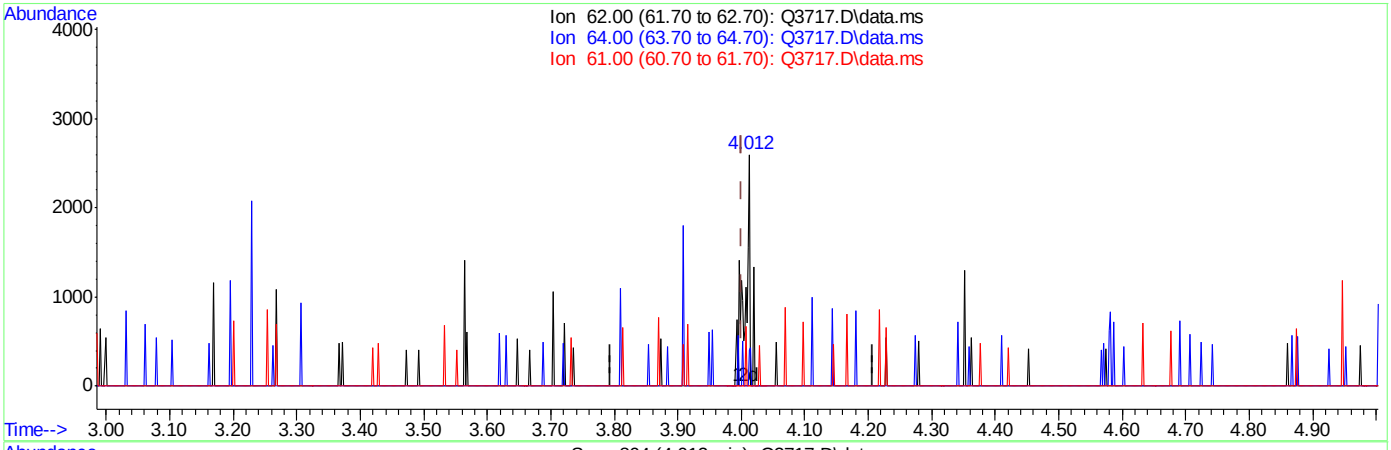
response 587

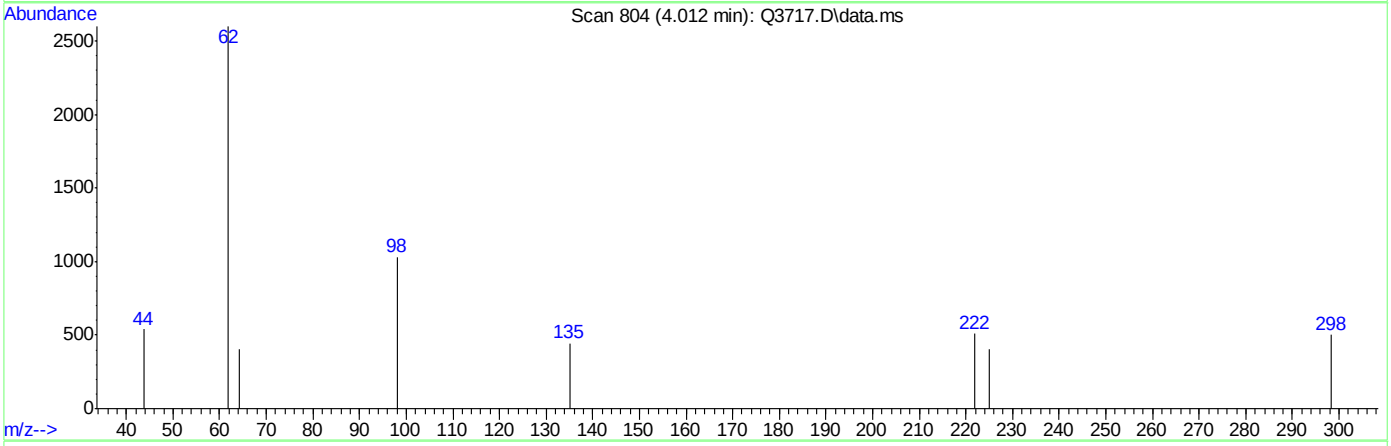
Ion	Exp%	Act%
62.00	100	100
64.00	49.80	0.00#
61.00	2.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(6) VINYL CHLORIDE (m)

4.012min (+0.011) 0.17PPBV m

response 1430

Ion	Exp%	Act%
62.00	100	100
64.00	49.80	0.00#
61.00	2.70	0.00
0.00	0.00	0.00

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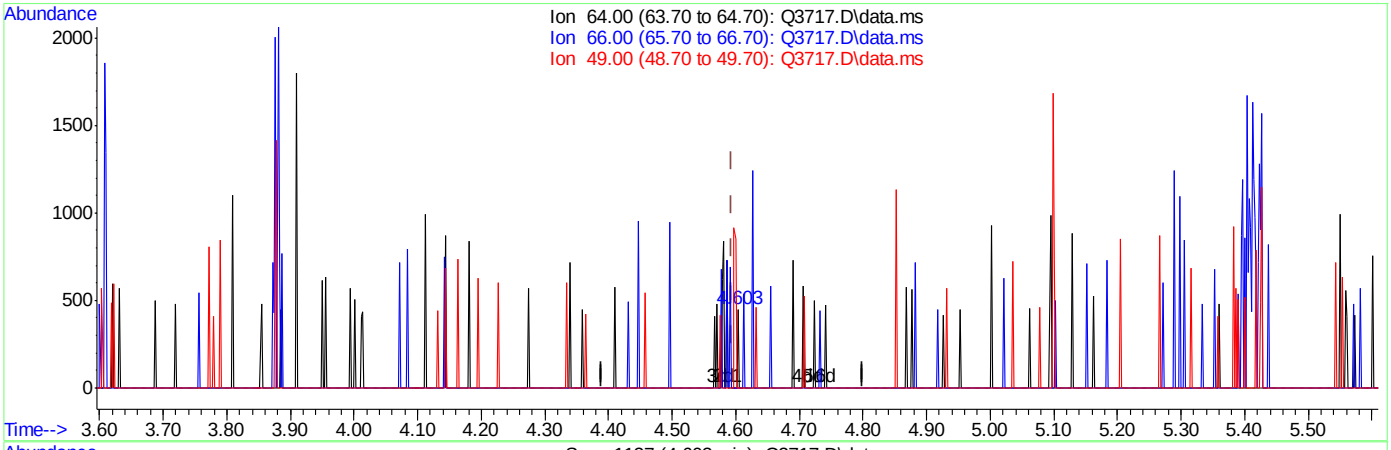
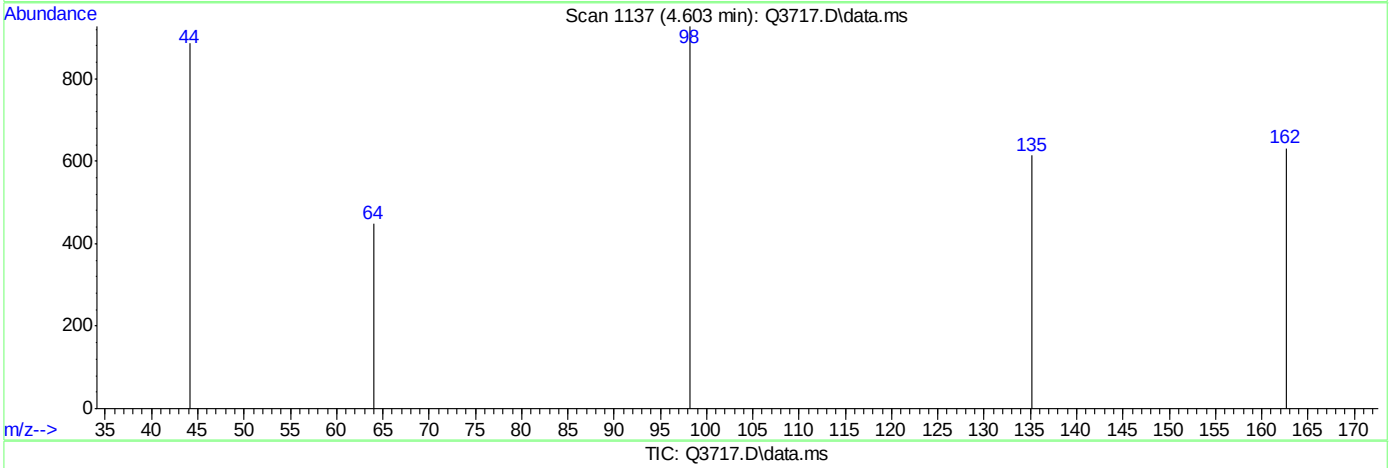
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(9) CHLOROETHANE (m)

4.603min (+0.008) 0.01PPBV

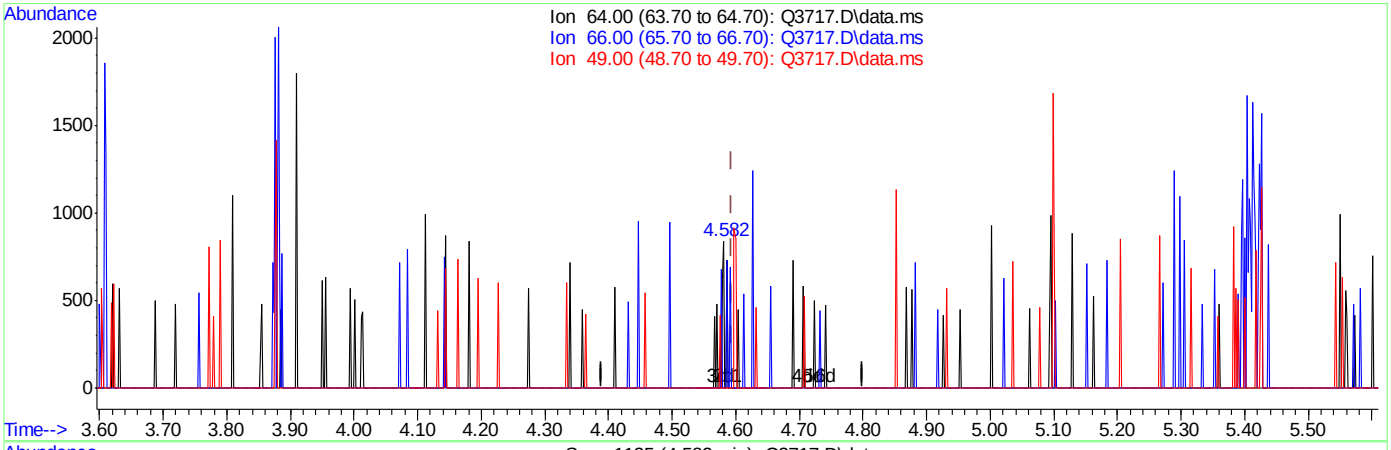
response 48

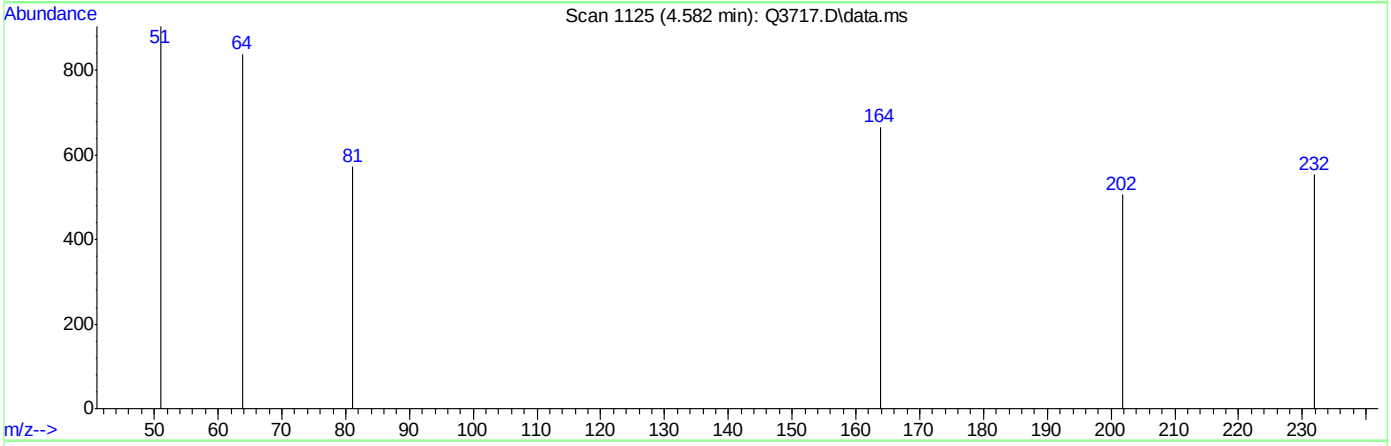
Ion	Exp%	Act%
64.00	100	100
66.00	0.00	154.17#
49.00	0.00	391.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(9) CHLOROETHANE (m)

4.582min (-0.013) 0.10PPBV m

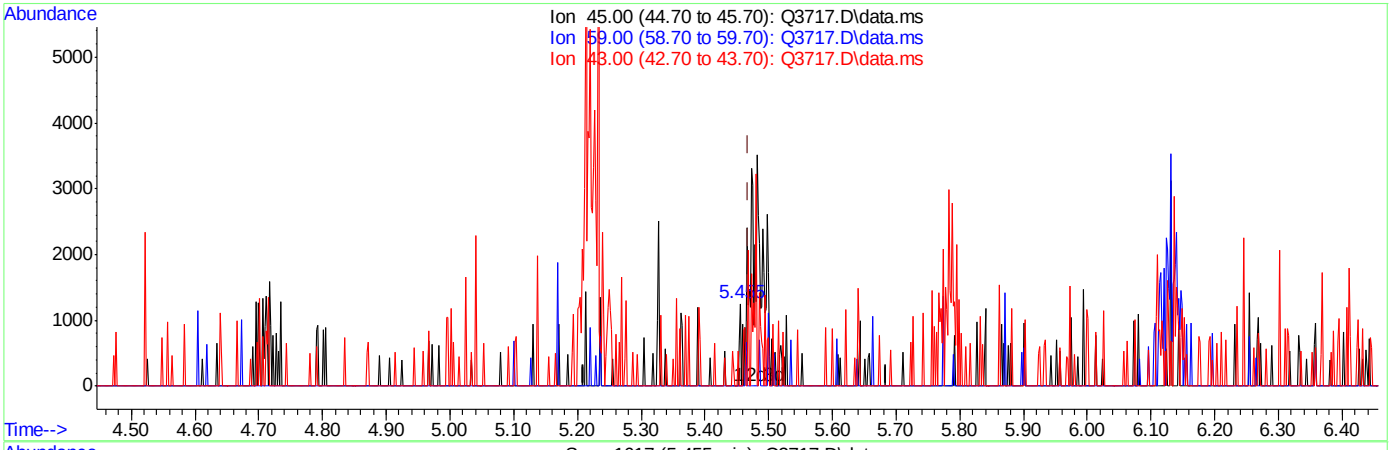
response 375

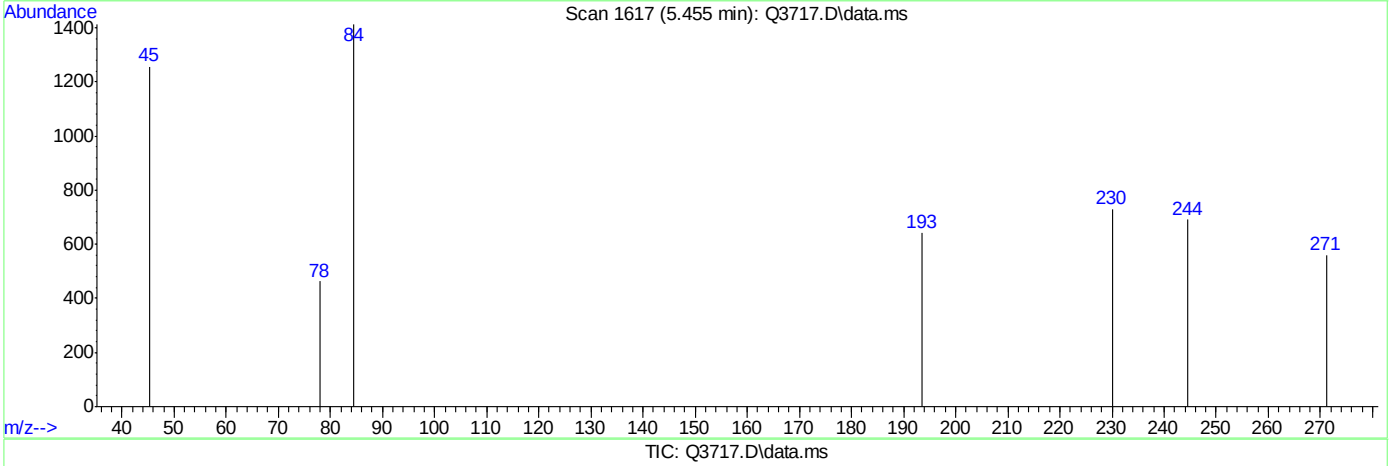
Ion	Exp%	Act%
64.00	100	100
66.00	0.00	19.73
49.00	0.00	50.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On    : 14 Jun 2007   1:43 pm
Operator  : PhilipB
Sample    : IC201-.2 (M068)
Misc      : MS13699, MSQ201,,,,,1
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration
```



TIC: Q3717.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.455min (-0.014) 0.02PPBV

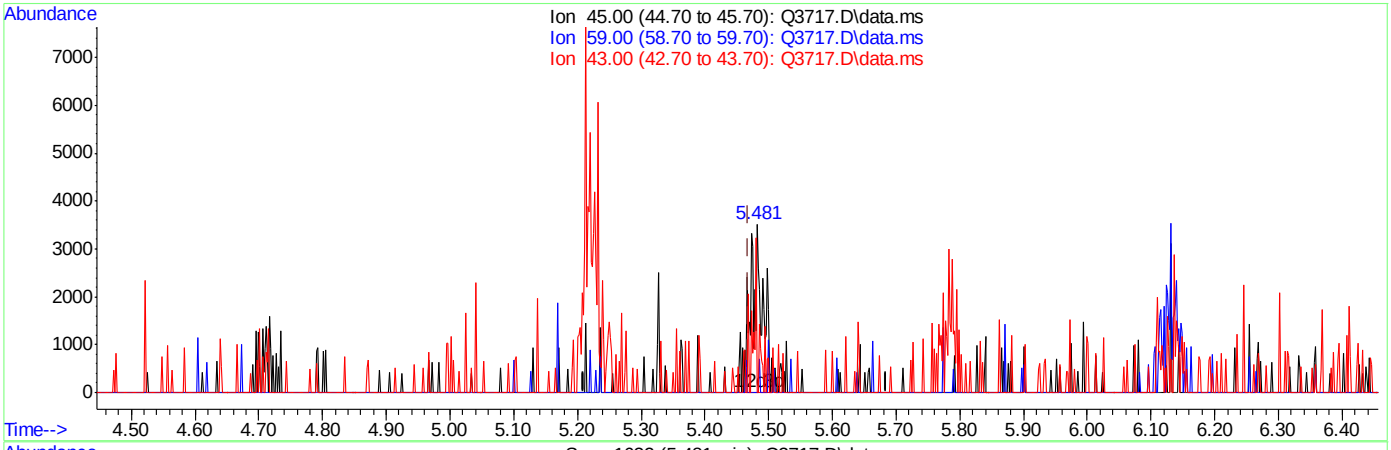
response 207

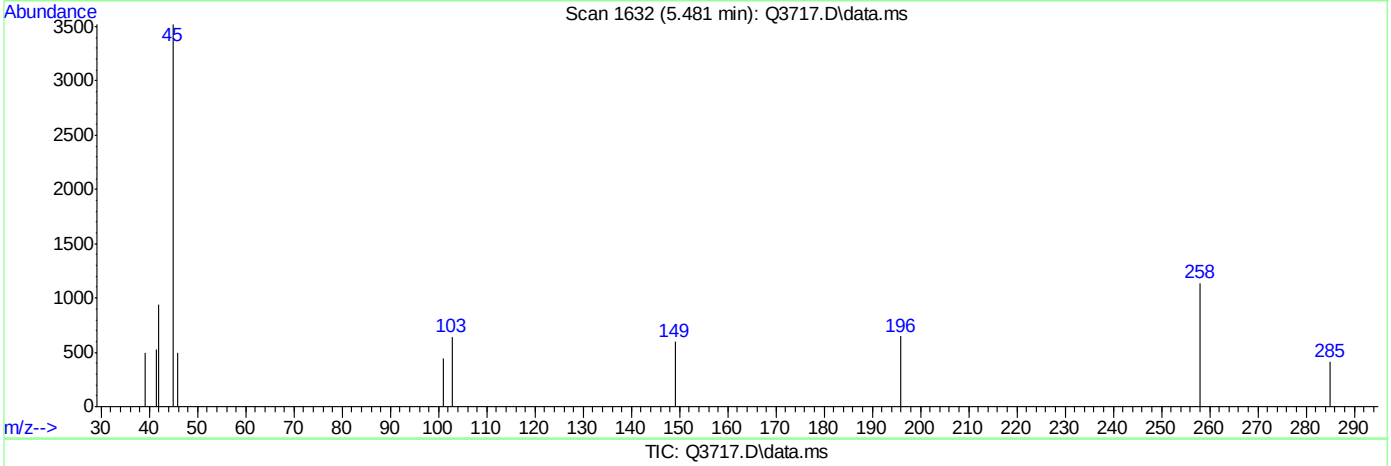
Ion	Exp%	Act%
45.00	100	100
59.00	2.80	0.00
43.00	22.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.481min (+0.012) 0.34PPBV m

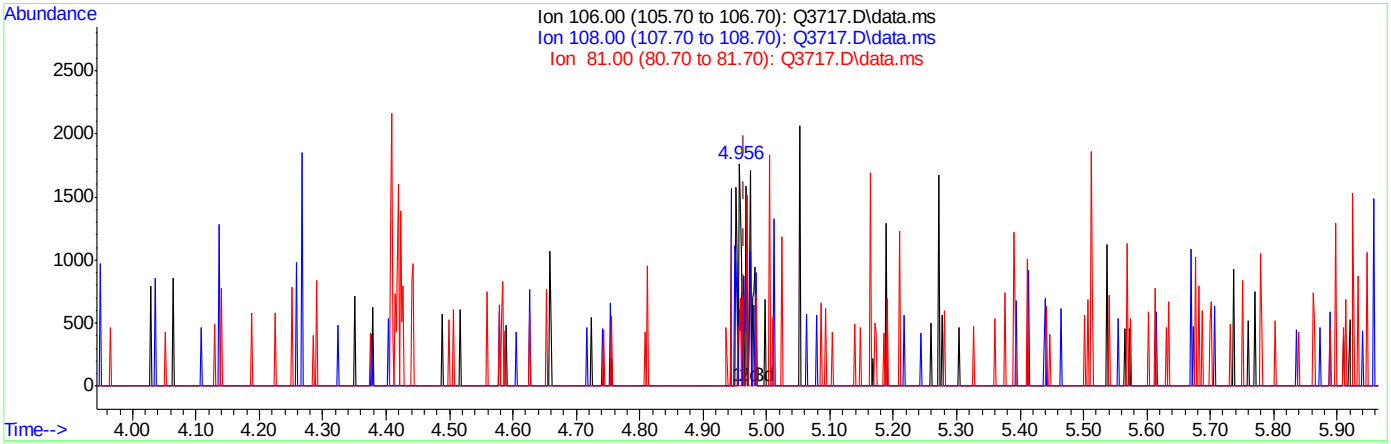
response 4300

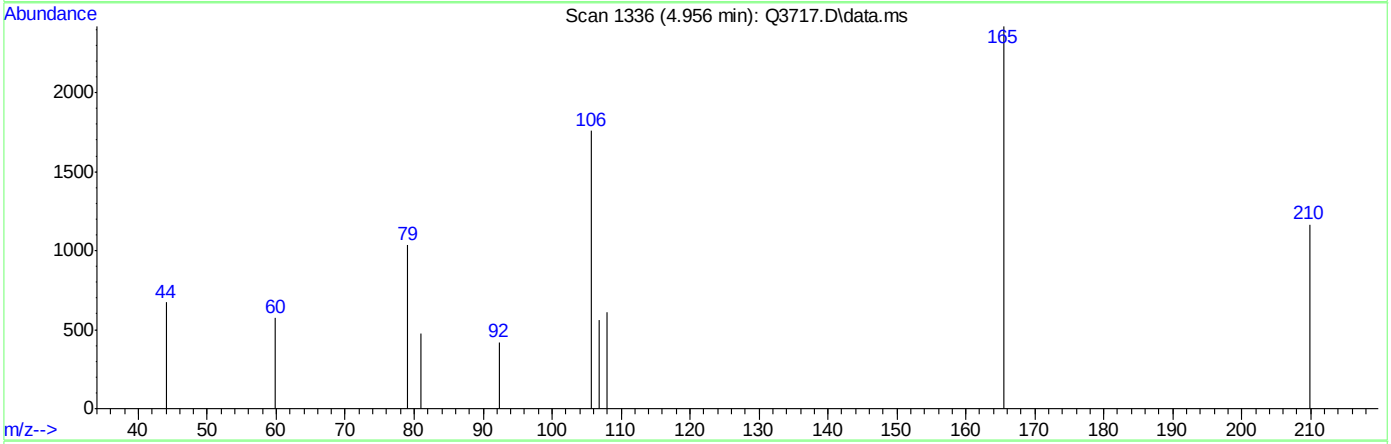
Ion	Exp%	Act%
45.00	100	100
59.00	2.80	0.00
43.00	22.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(17) BROMOETHENE (m)

4.956min (-0.009) 0.10PPBV

response 773

Ion	Exp%	Act%
106.00	100	100
108.00	0.00	0.00
81.00	0.00	32.34#
0.00	0.00	0.00

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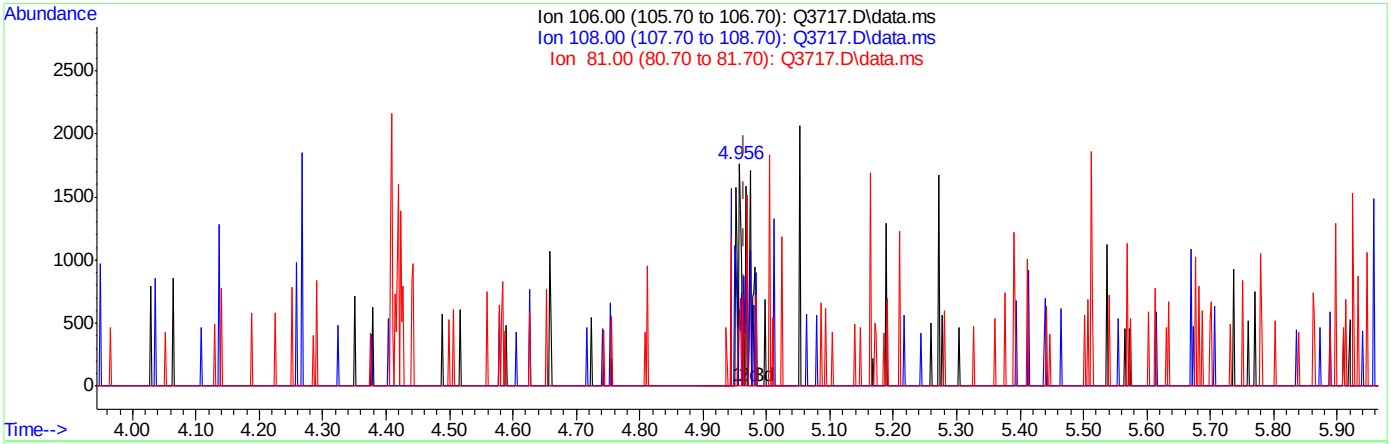
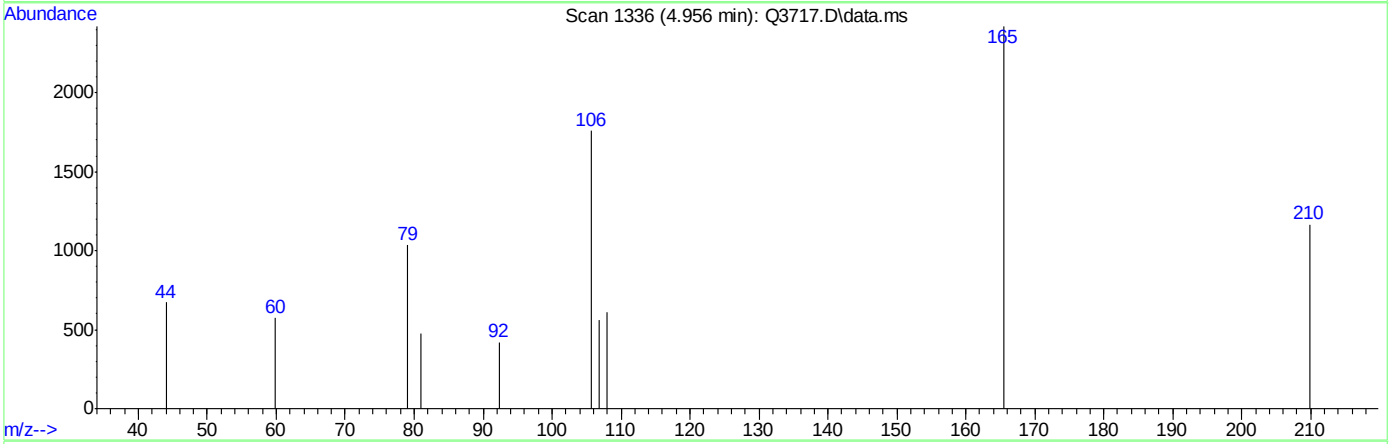
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(17) BROMOETHENE (m)

4.956min (-0.009) 0.20PPBV m

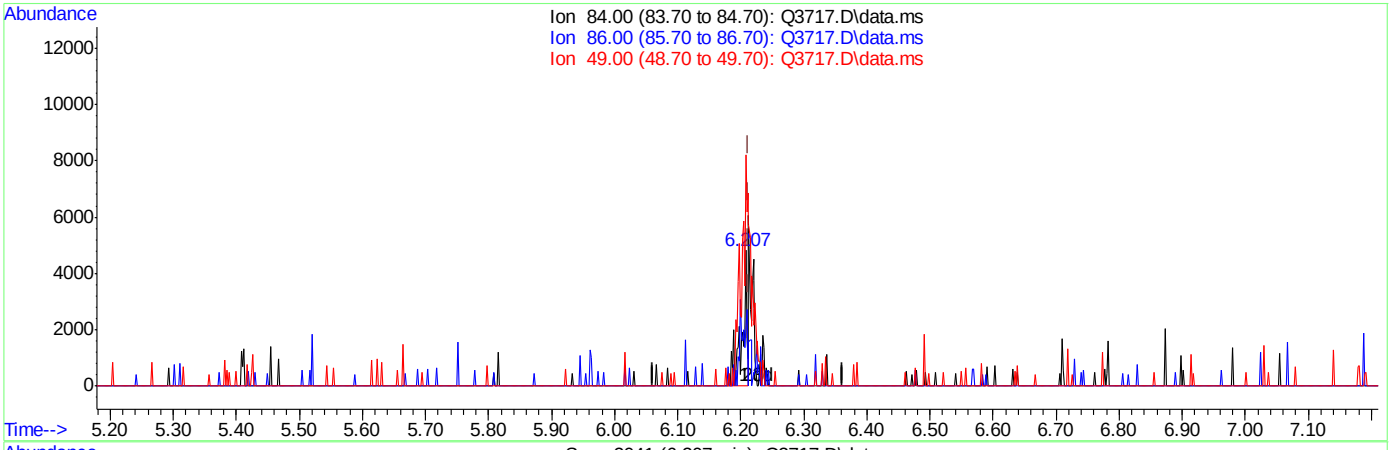
response 1537

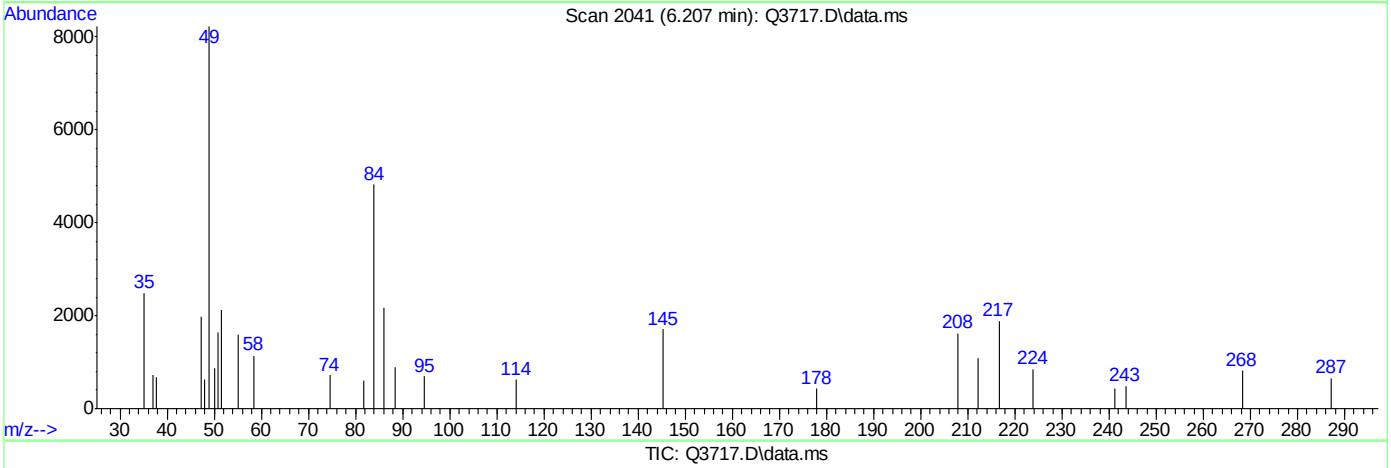
Ion	Exp%	Act%
106.00	100	100
108.00	0.00	0.00
81.00	0.00	16.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(18) METHYLENE CHLORIDE (m)

6.207min (-0.005) 0.24PPBV

response 2607

Ion	Exp%	Act%
84.00	100	100
86.00	1.10	90.10#
49.00	4.00	353.13#
0.00	0.00	0.00

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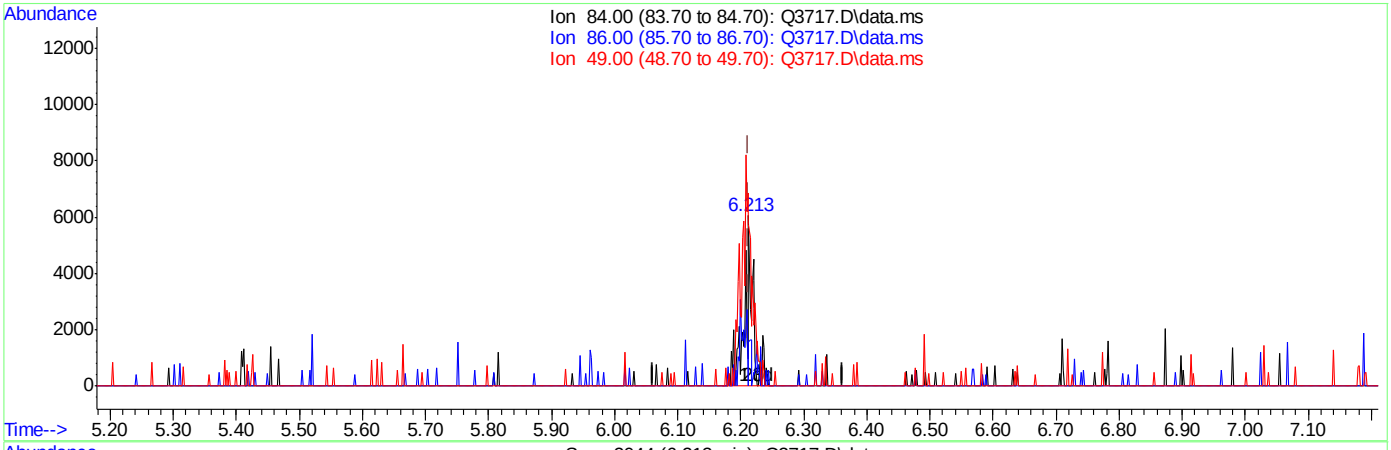
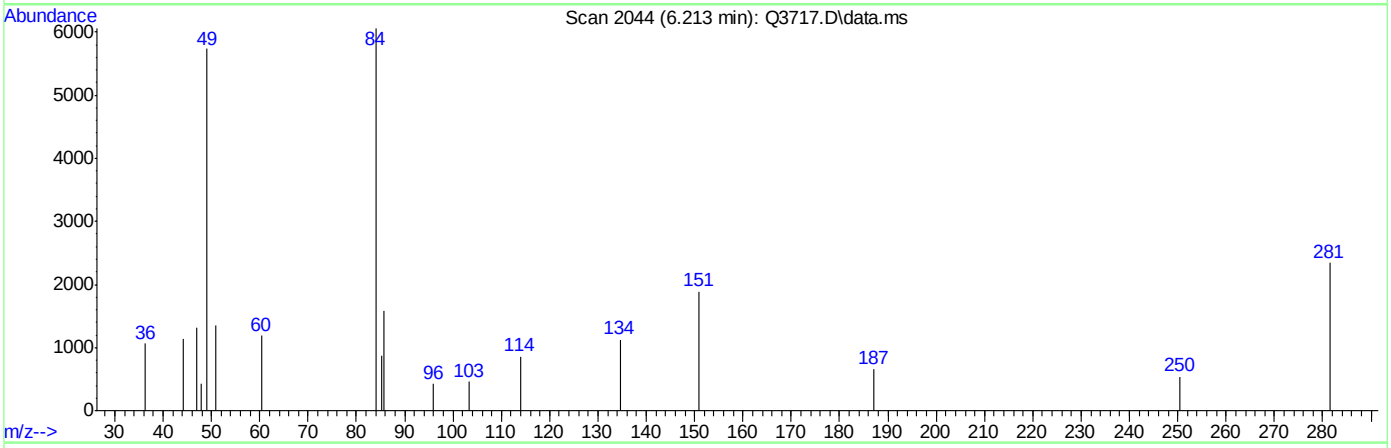
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(18) METHYLENE CHLORIDE (m)

6.213min (+0.001) 0.52PPBV m

response 5675

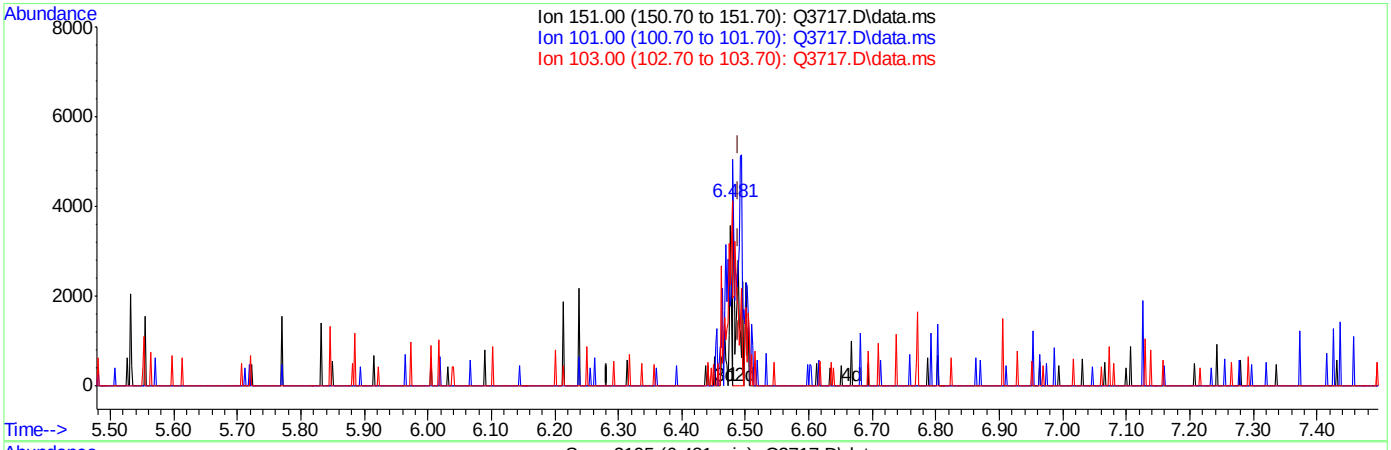
Ion	Exp%	Act%
84.00	100	100
86.00	1.10	41.39#
49.00	4.00	162.22
0.00	0.00	0.00

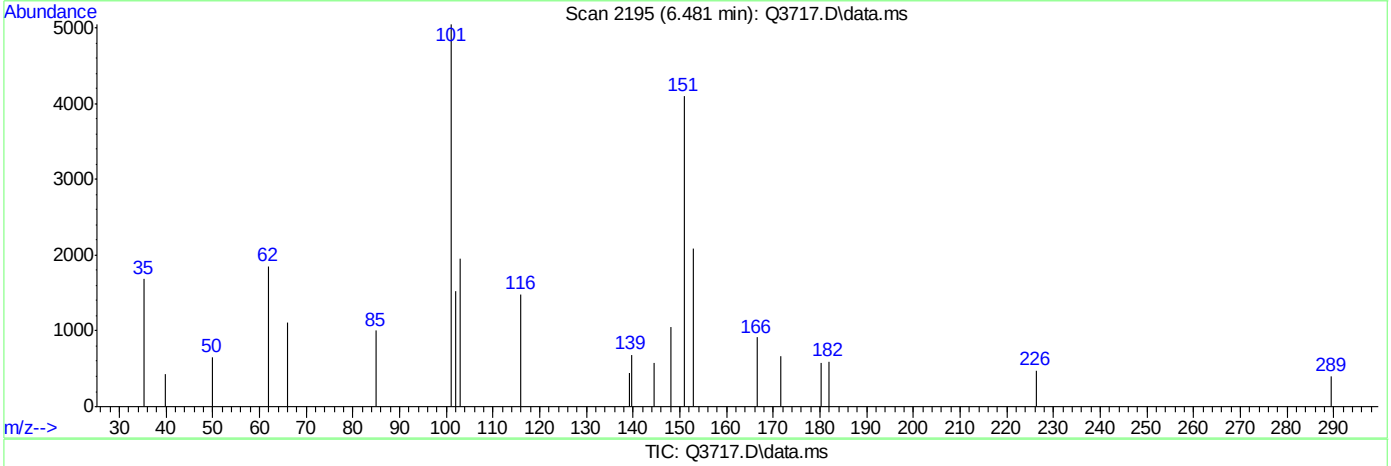
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(20) FREON 113 (m)

6.481min (-0.009) 0.11PPBV

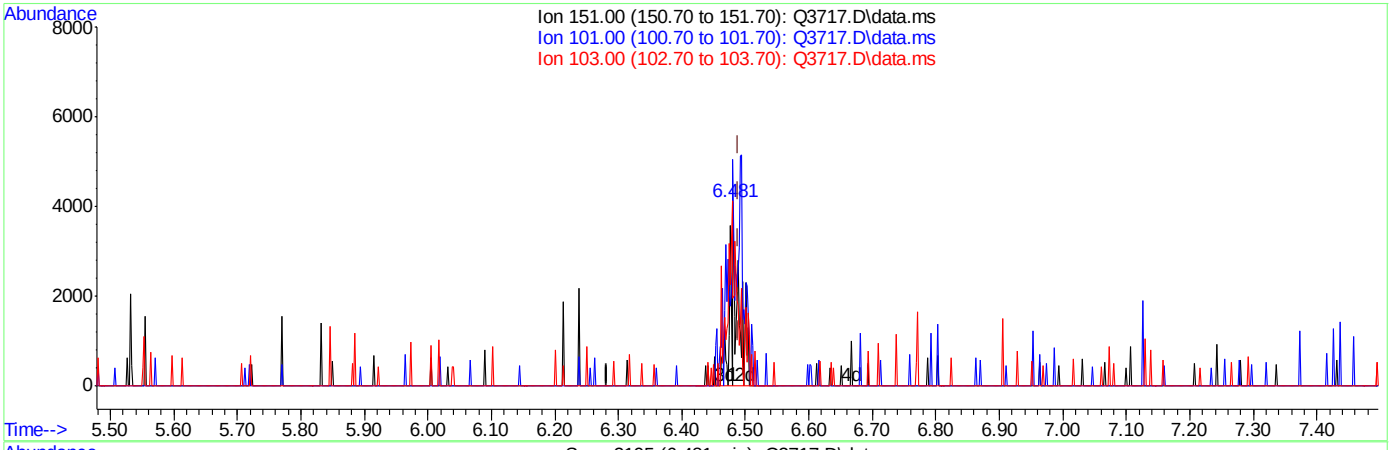
response 1770

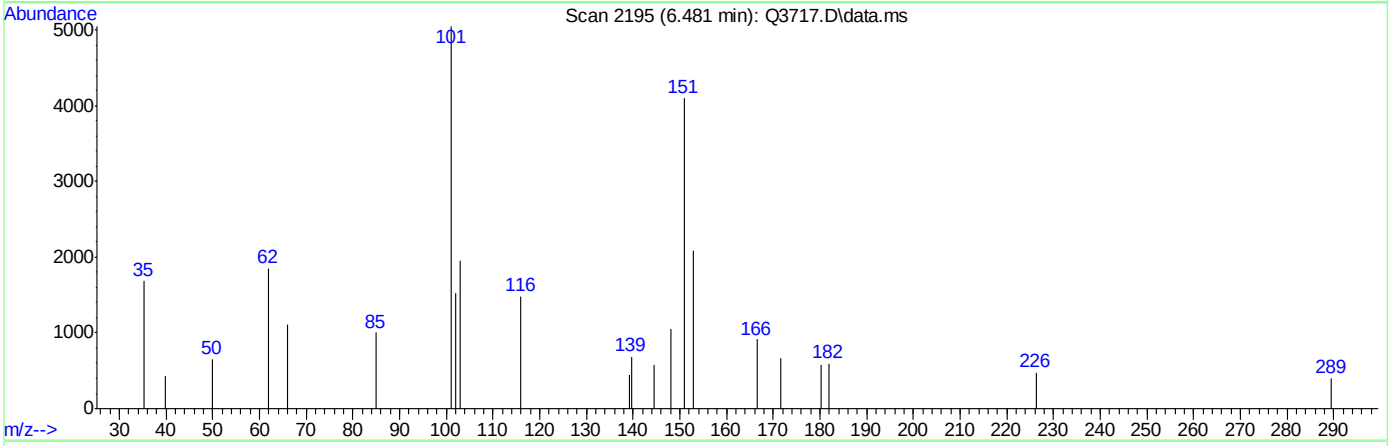
Ion	Exp%	Act%
151.00	100	100
101.00	0.00	178.02#
103.00	0.00	213.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(20) FREON 113 (m)

6.481min (-0.009) 0.22PPBV m

response 3437

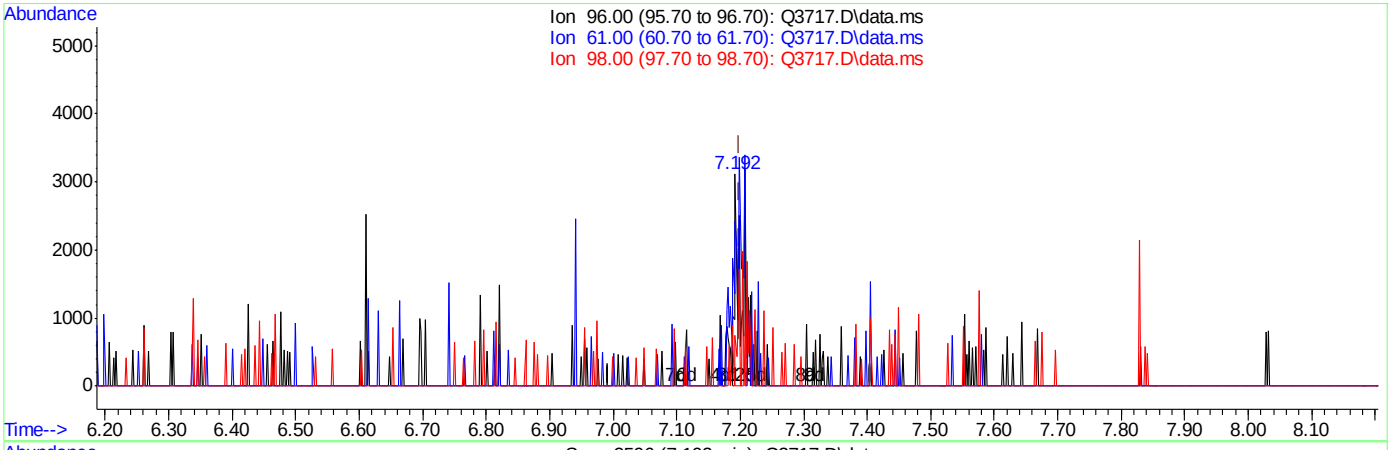
Ion	Exp%	Act%
151.00	100	100
101.00	0.00	91.68#
103.00	0.00	109.86#
0.00	0.00	0.00

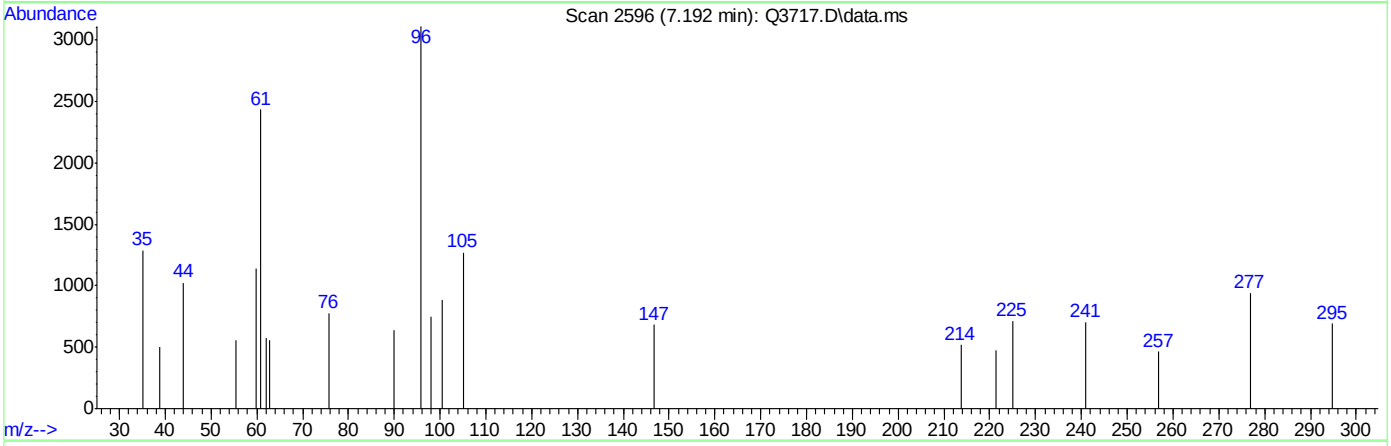
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(21) TRANS-1,2-DICHLOROETHYLENE (m)

7.192min (-0.007) 0.18PPBV

response 1408

Ion	Exp%	Act%
96.00	100	100
61.00	0.00	0.00
98.00	0.00	16.26
0.00	0.00	0.00

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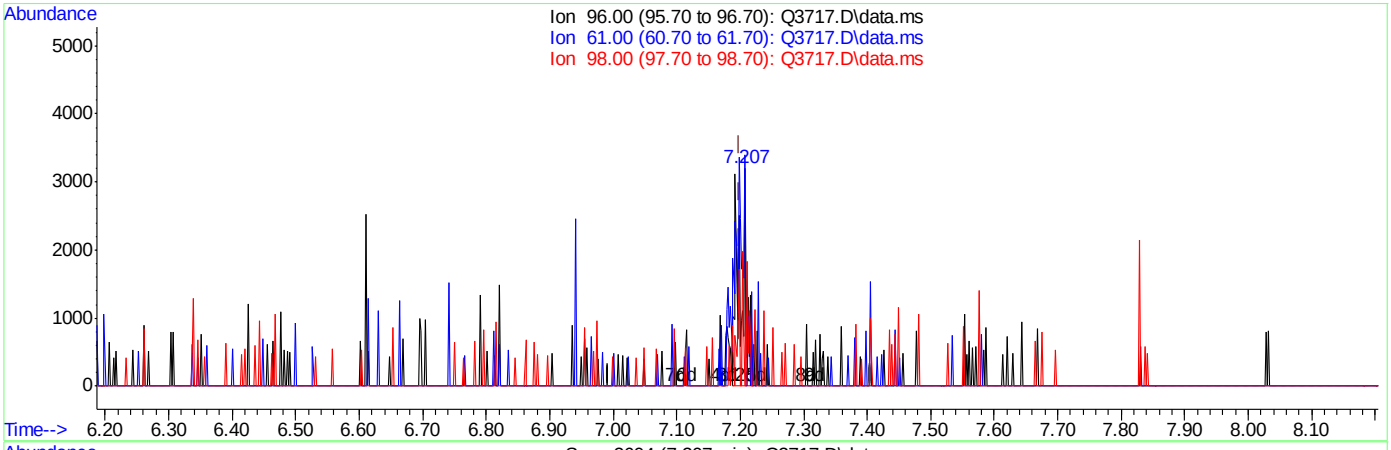
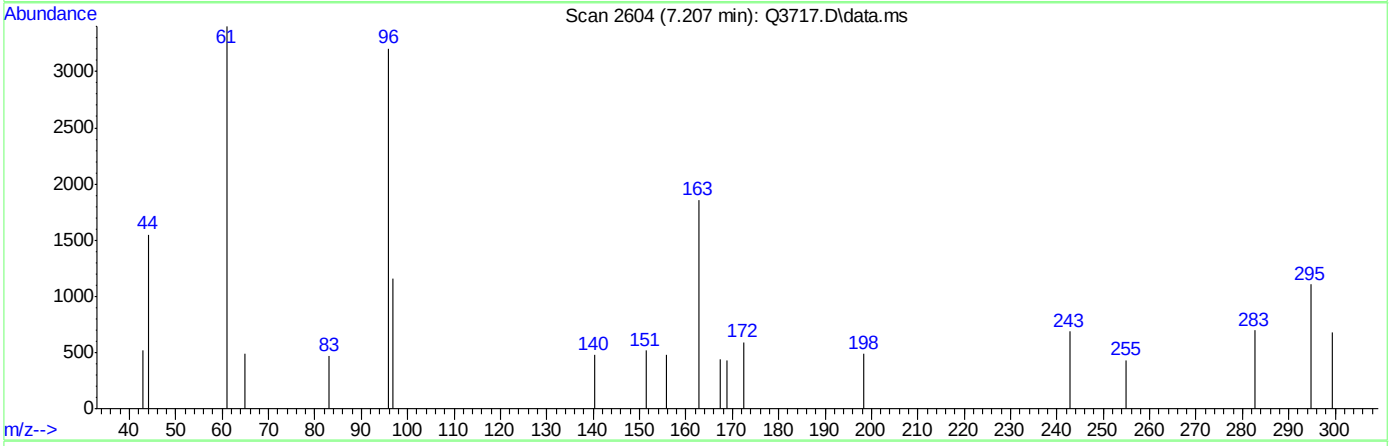
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(21) TRANS-1,2-DICHLOROETHYLENE (m)

7.207min (+0.007) 0.29PPBV m

response 2290

Ion	Exp%	Act%
96.00	100	100
61.00	0.00	0.00
98.00	0.00	10.00
0.00	0.00	0.00

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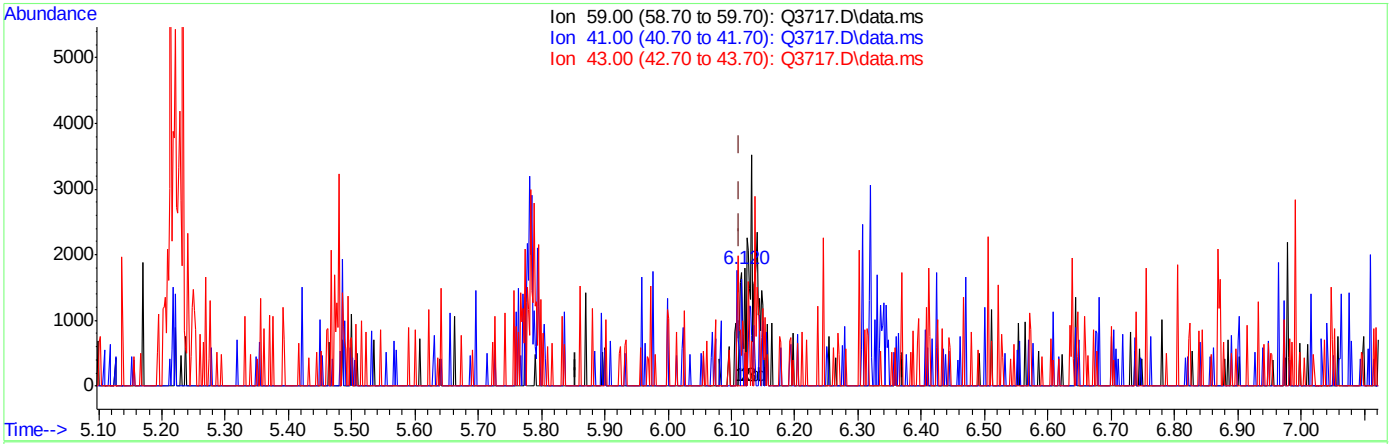
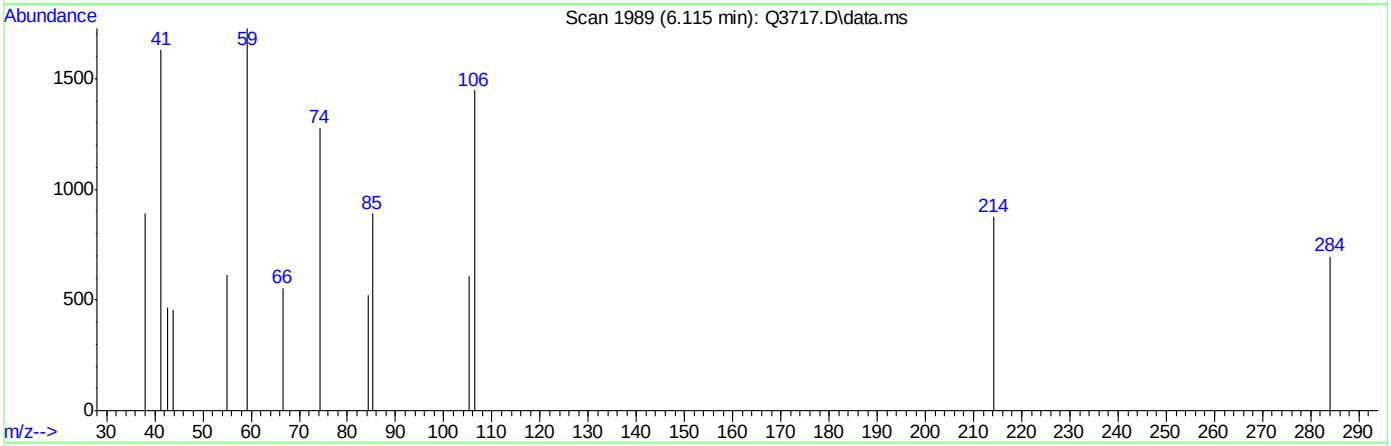
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(22) TERTIARY BUTYL ALCOHOL (m)

6.115min (+0.002) 0.05PPBV

response 981

Ion	Exp%	Act%
59.00	100	100
41.00	0.00	61.98#
43.00	0.00	56.57#
0.00	0.00	0.00

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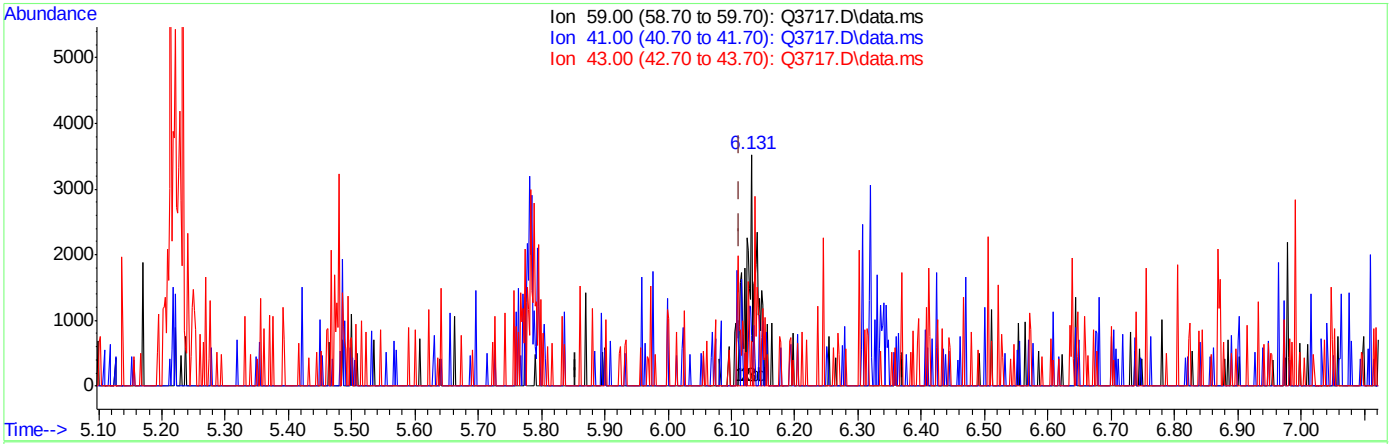
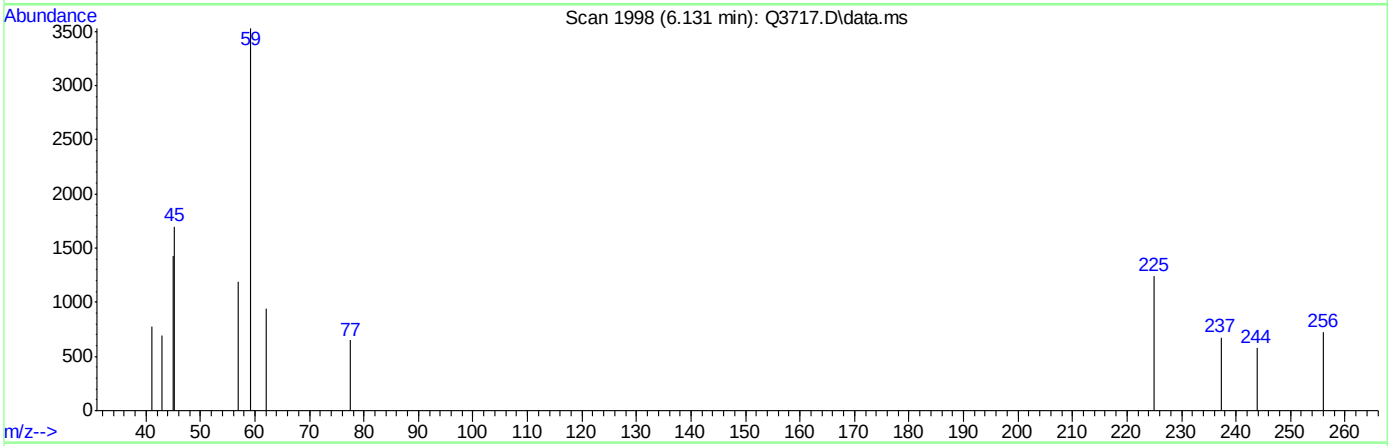
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(22) TERTIARY BUTYL ALCOHOL (m)

6.131min (+0.018) 0.22PPBV m

response 3922

Ion	Exp%	Act%
59.00	100	100
41.00	0.00	15.50
43.00	0.00	14.15
0.00	0.00	0.00

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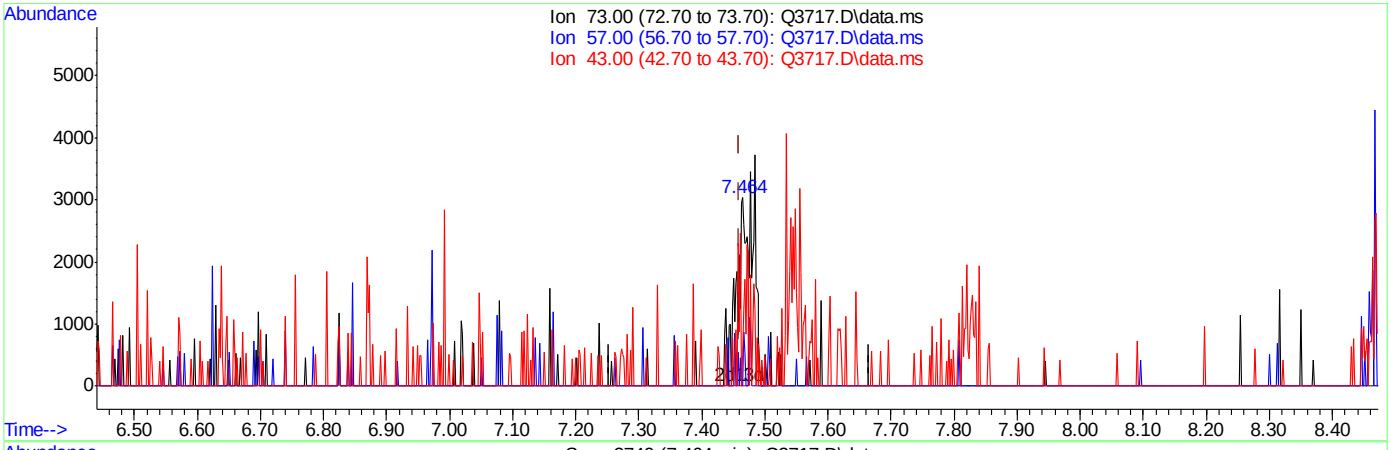
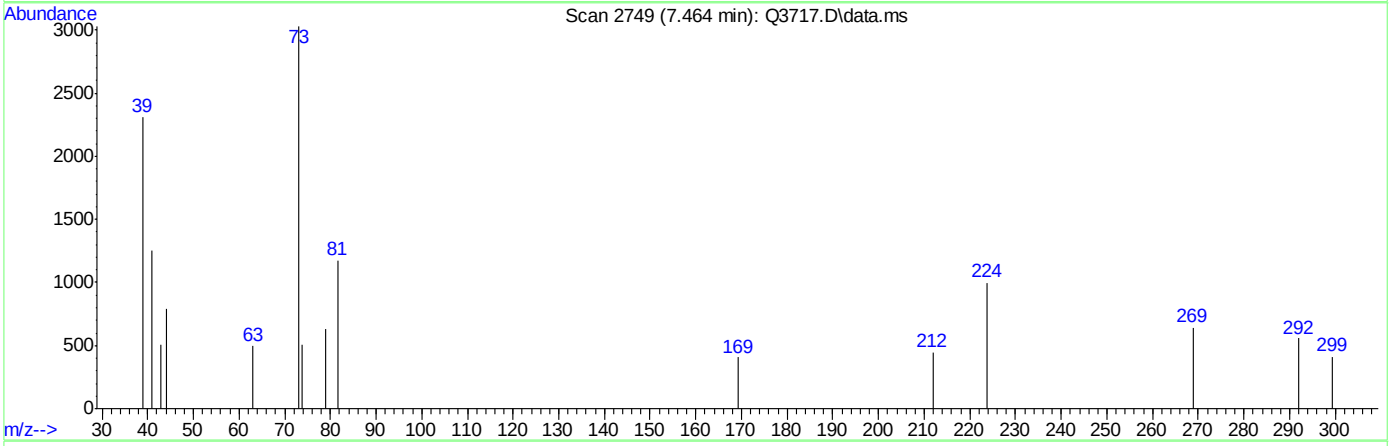
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(23) METHYL TERTIARY BUTYL ETHER (m)

7.464min (+0.004) 0.13PPBV

response 3355

Ion	Exp%	Act%
73.00	100	100
57.00	0.00	4.47
43.00	0.00	67.12#
0.00	0.00	0.00

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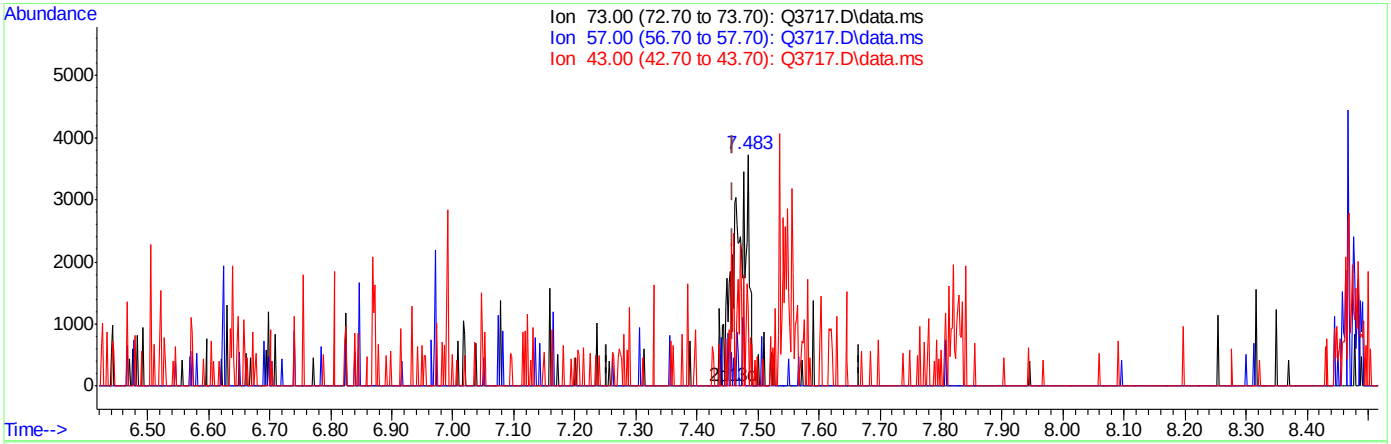
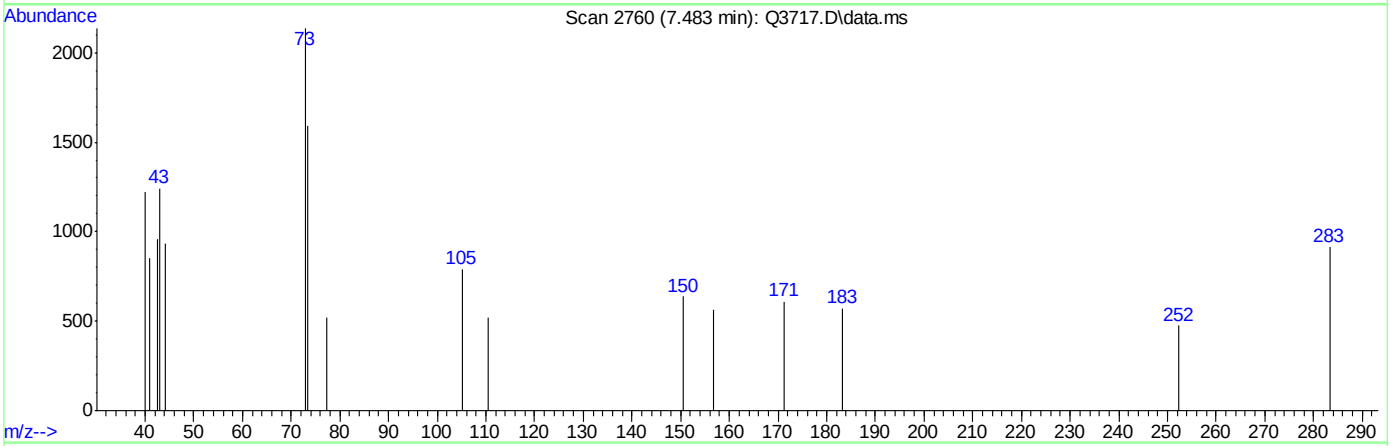
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(23) METHYL TERTIARY BUTYL ETHER (m)

7.483min (+0.023) 0.23PPBV m

response 5967

Ion	Exp%	Act%
73.00	100	100
57.00	0.00	2.51
43.00	0.00	37.74#
0.00	0.00	0.00

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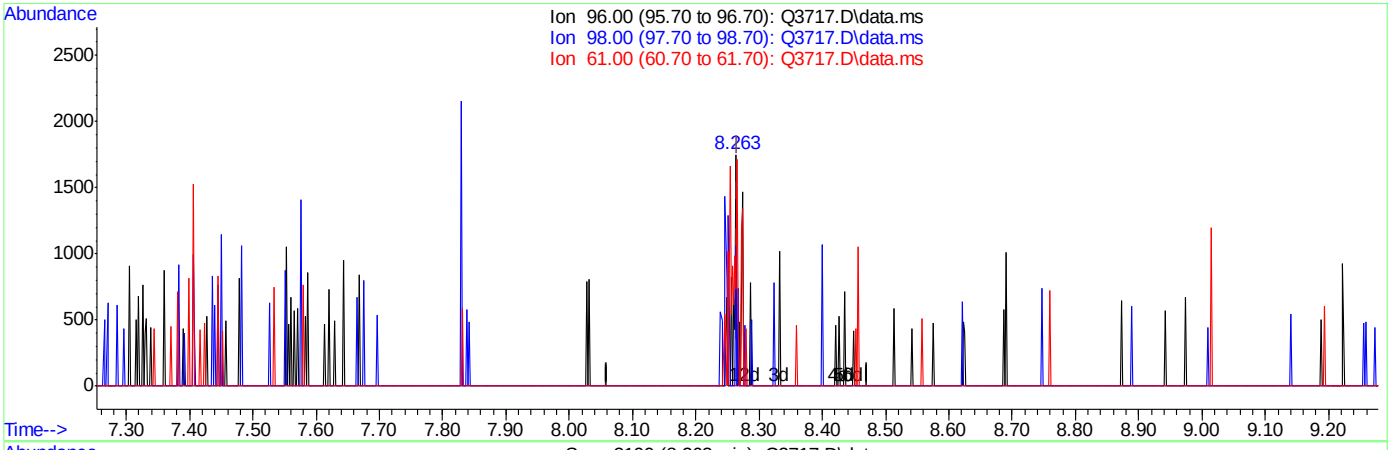
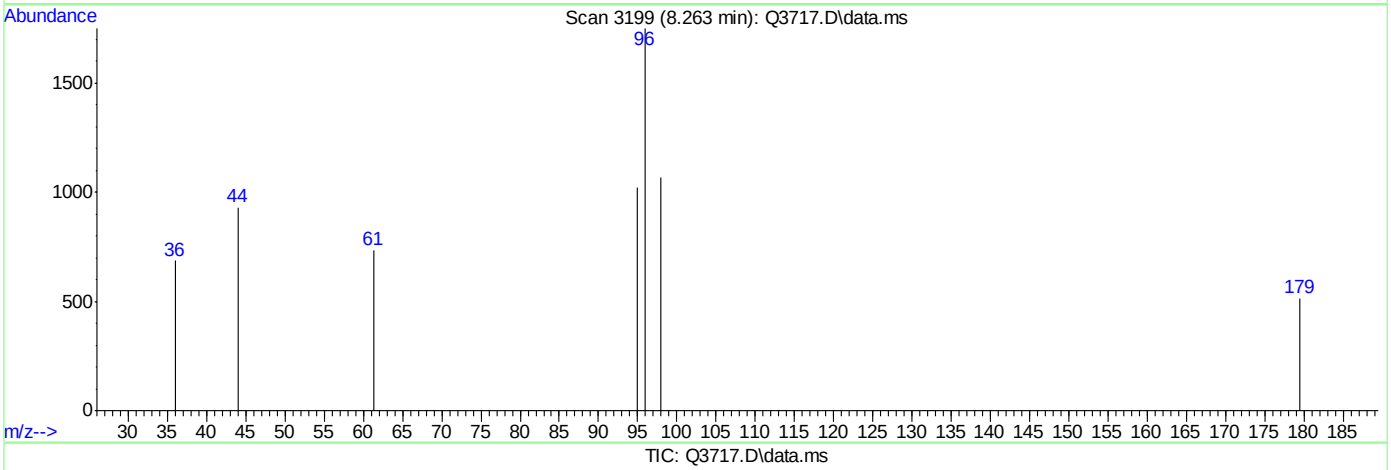
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(29) cis-1,2-DICHLOROETHYLENE (m)

8.263min (-0.003) 0.11PPBV

response 681

Ion	Exp%	Act%
96.00	100	100
98.00	0.00	71.95#
61.00	0.00	198.38#
0.00	0.00	0.00

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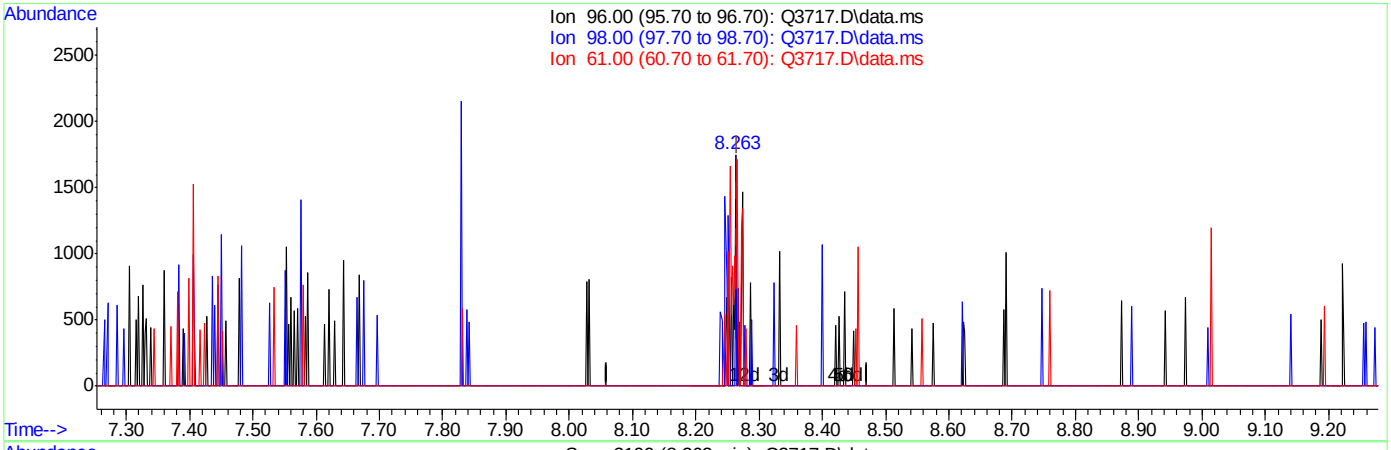
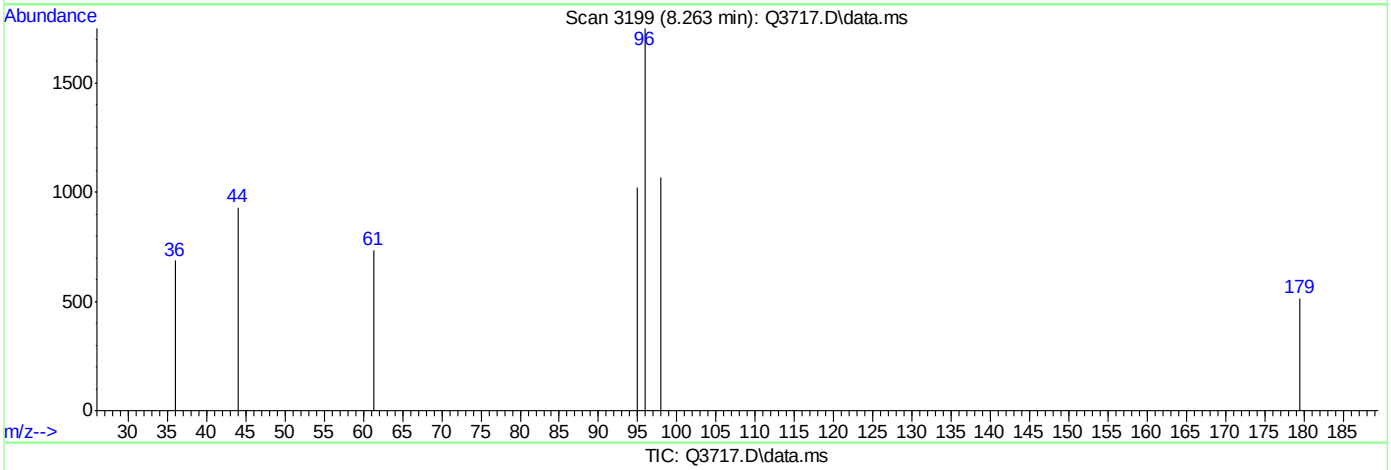
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(29) cis-1,2-DICHLOROETHYLENE (m)

8.263min (-0.003) 0.14PPBV m

response 836

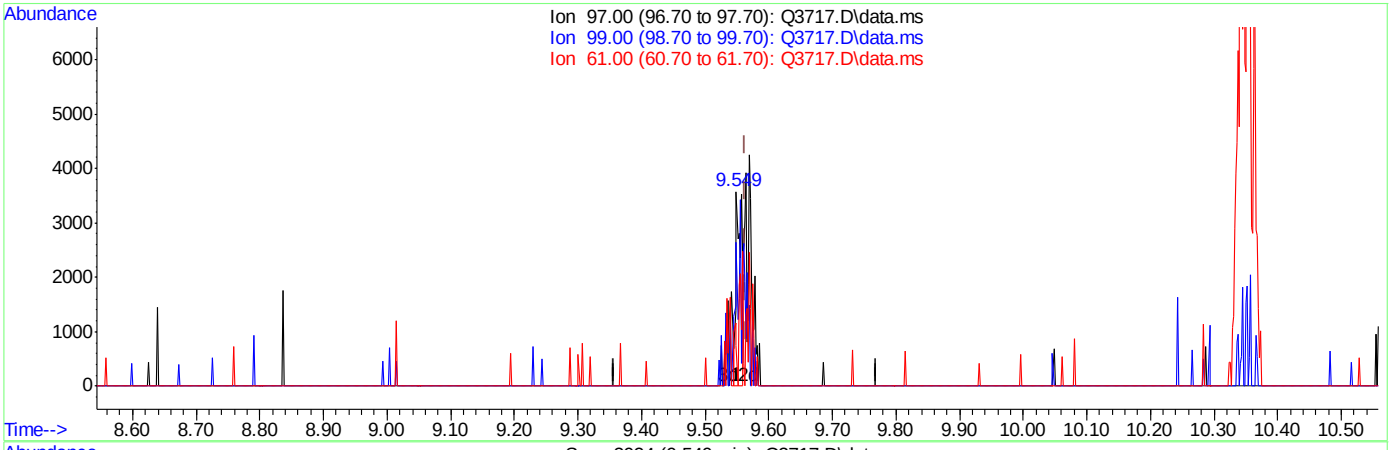
Ion	Exp%	Act%
96.00	100	100
98.00	0.00	58.61#
61.00	0.00	161.60#
0.00	0.00	0.00

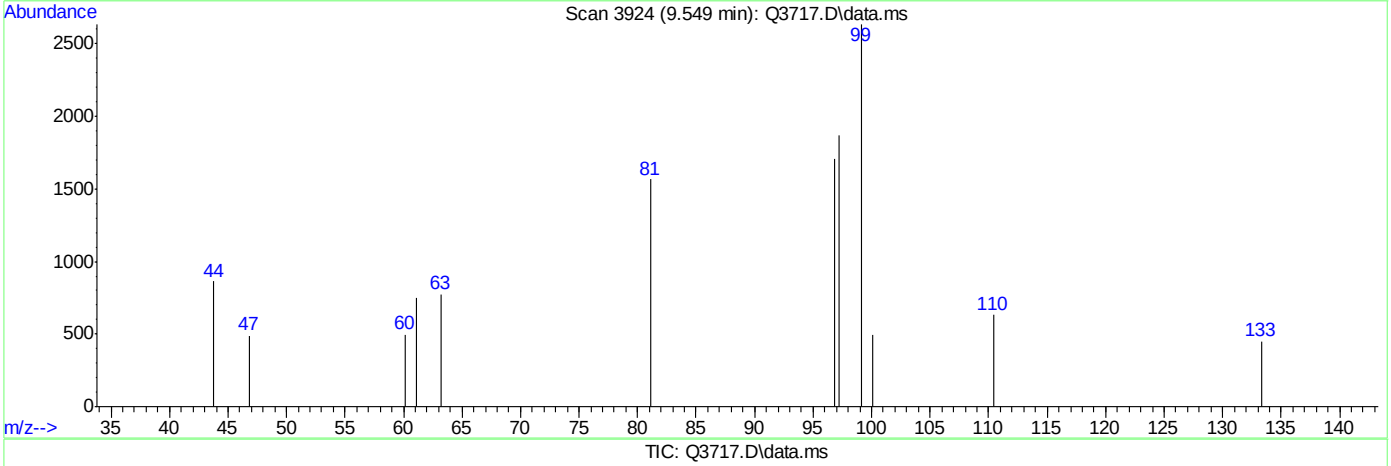
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(32) 1,1,1-TRICHLOROETHANE (m)

9.549min (-0.014) 0.08PPBV

response 2069

Ion	Exp%	Act%
97.00	100	100
99.00	63.00	155.49#
61.00	38.00	55.49
0.00	0.00	0.00

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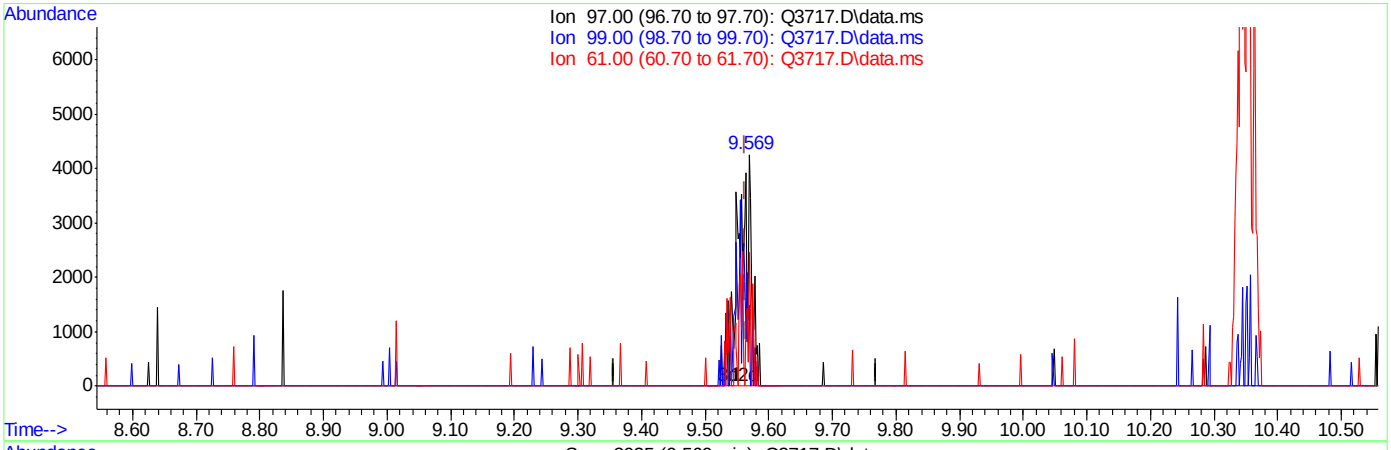
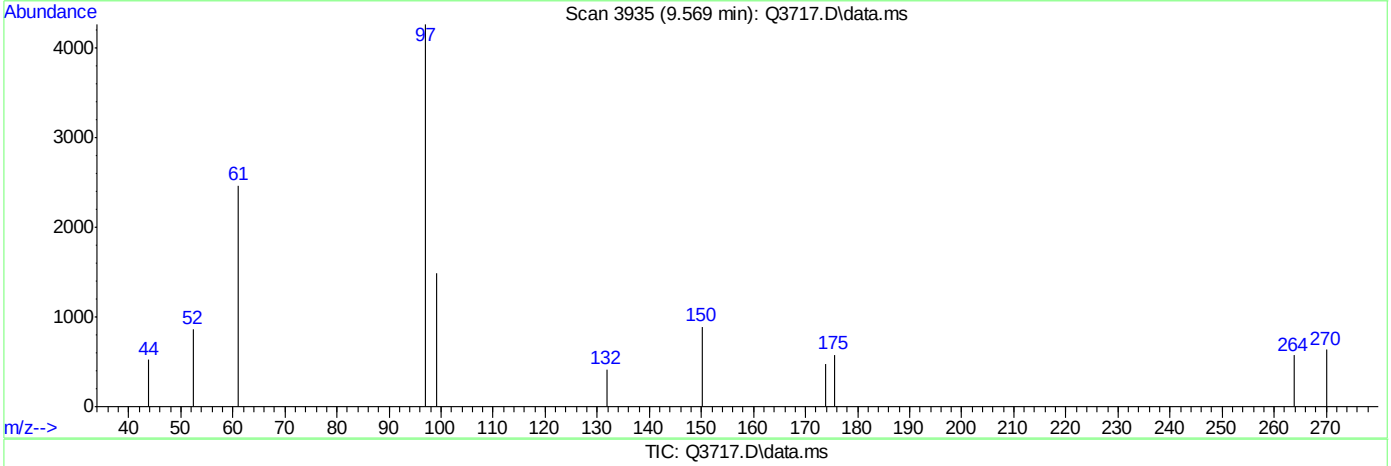
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(32) 1,1,1-TRICHLOROETHANE (m)

9.569min (+0.005) 0.22PPBV m

response 5918

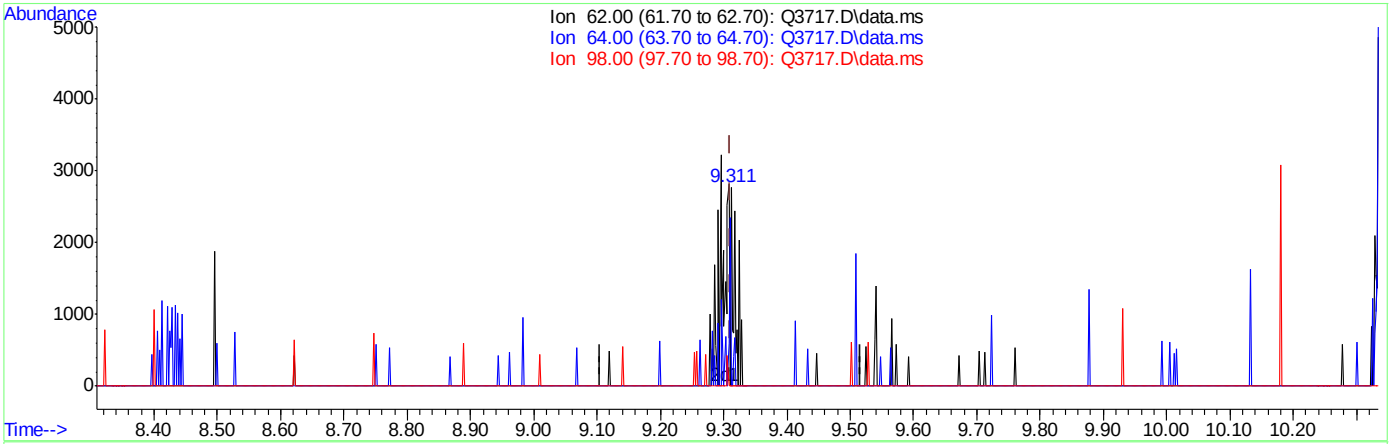
Ion	Exp%	Act%
97.00	100	100
99.00	63.00	54.36
61.00	38.00	19.40
0.00	0.00	0.00

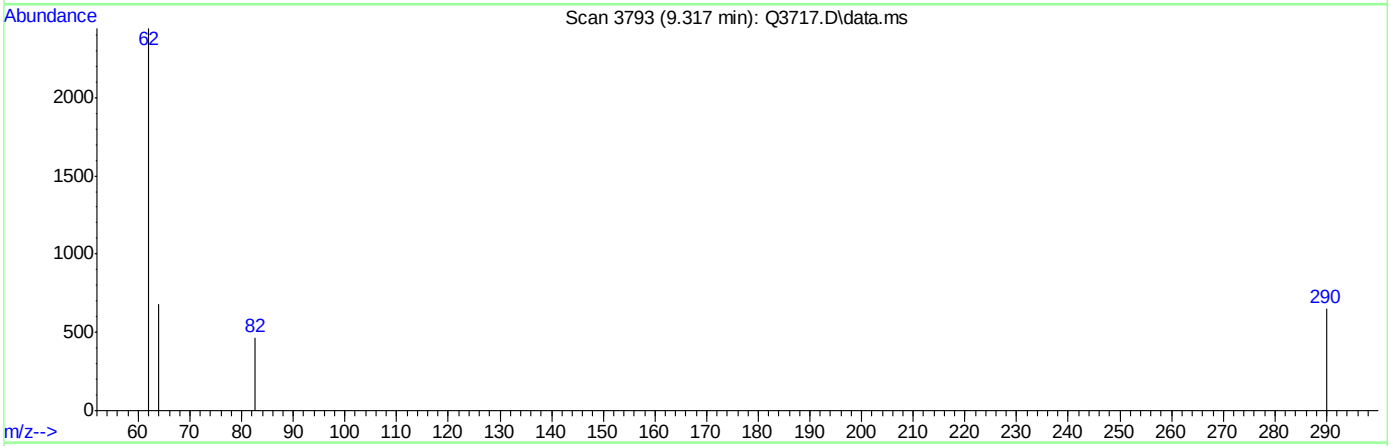
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(34) 1,2-DICHLOROETHANE (m)

9.317min (+0.005) 0.07PPBV

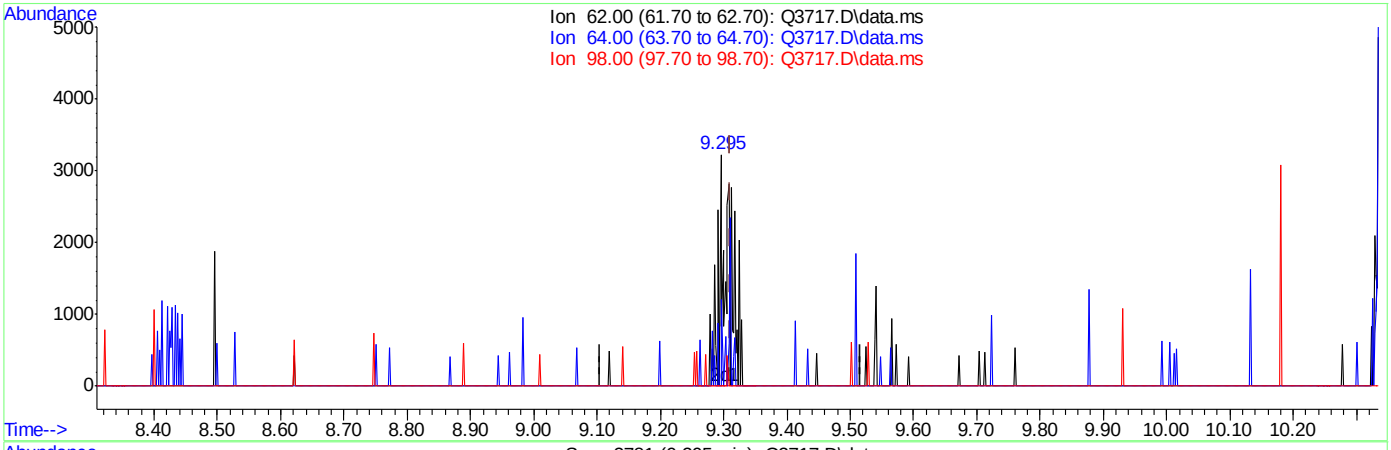
response 1163

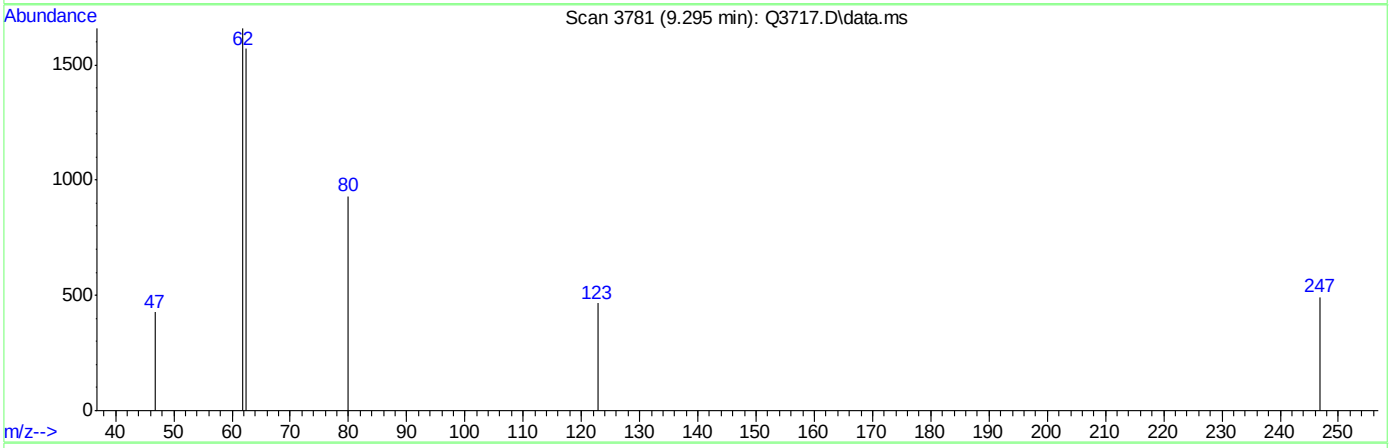
Ion	Exp%	Act%
62.00	100	100
64.00	30.70	43.51
98.00	4.60	3.87
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(34) 1,2-DICHLOROETHANE (m)

9.295min (-0.016) 0.20PPBV m

response 3384

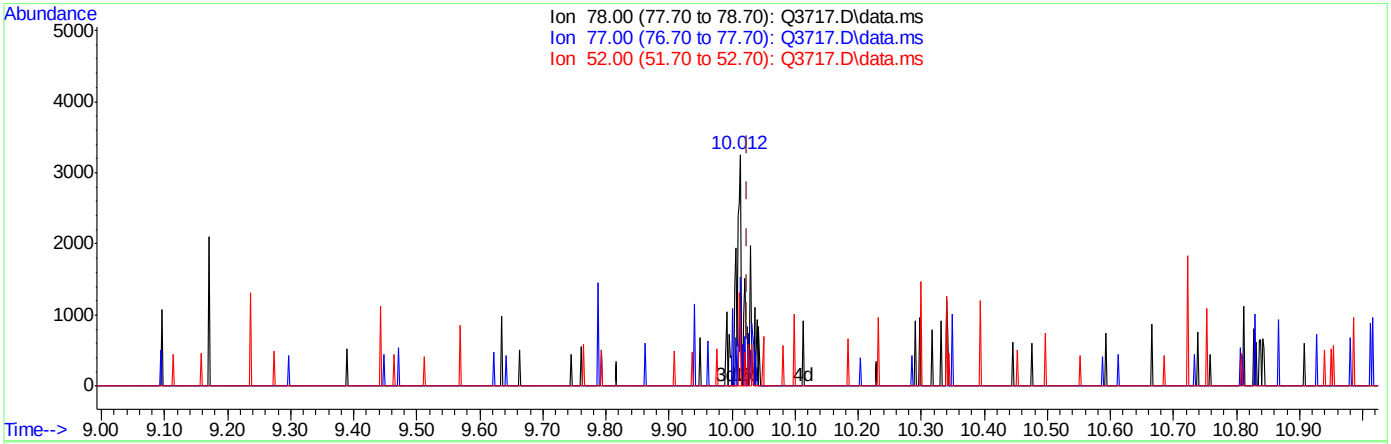
Ion	Exp%	Act%
62.00	100	100
64.00	30.70	14.95
98.00	4.60	1.33
0.00	0.00	0.00

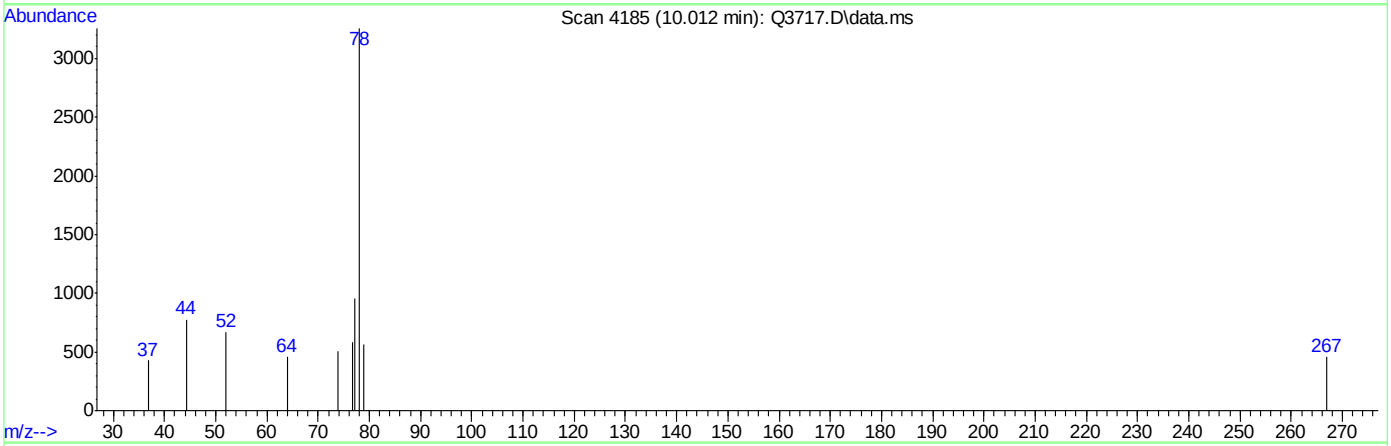
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On    : 14 Jun 2007   1:43 pm
Operator  : PhilipB
Sample    : IC201-.2 (M068)
Misc      : MS13699, MSQ201,,,,,1
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration
```



TIC: Q3717.D\data.ms

(36) BENZENE (m)

10.012min (-0.012) 0.10PPBV

response 1964

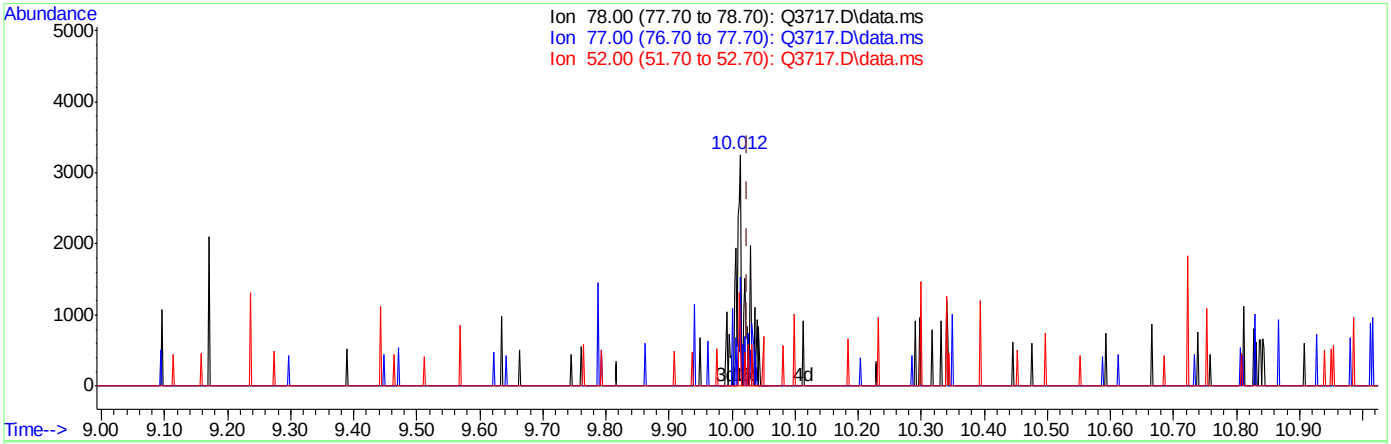
Ion	Exp%	Act%
78.00	100	100
77.00	23.10	17.41
52.00	18.10	10.74
0.00	0.00	0.00

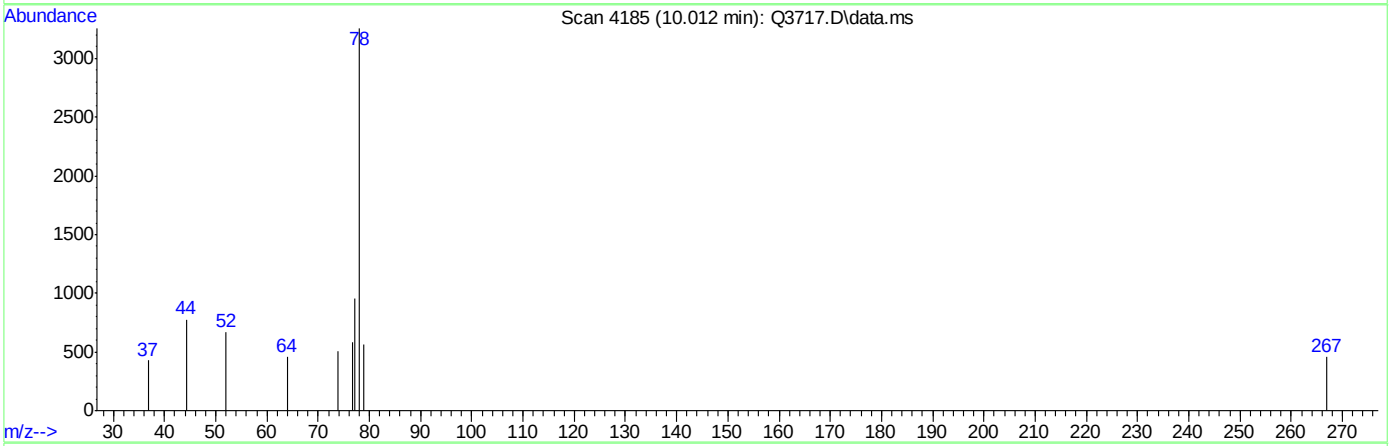
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(36) BENZENE (m)

10.012min (-0.012) 0.15PPBV m

response 2823

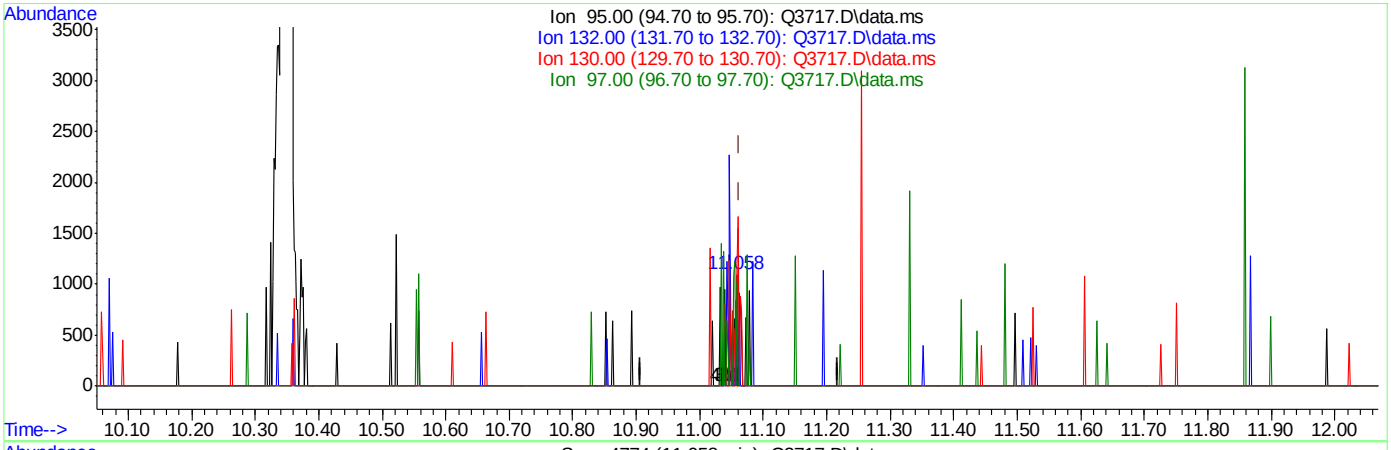
Ion	Exp%	Act%
78.00	100	100
77.00	23.10	12.11
52.00	18.10	7.47
0.00	0.00	0.00

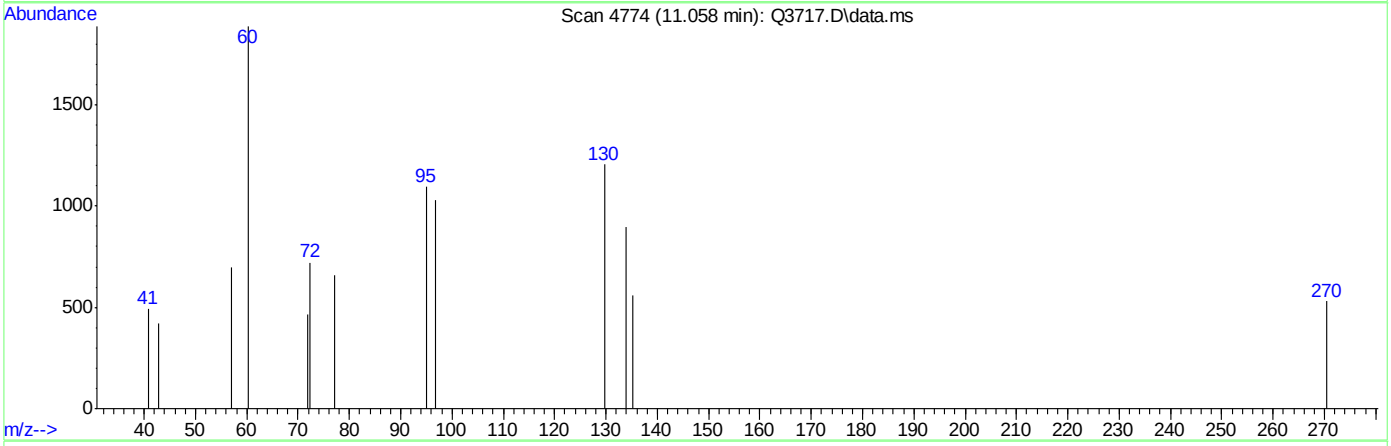
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(38) TRICHLOROETHYLENE (m)

11.058min (-0.005) 0.04PPBV

response 446

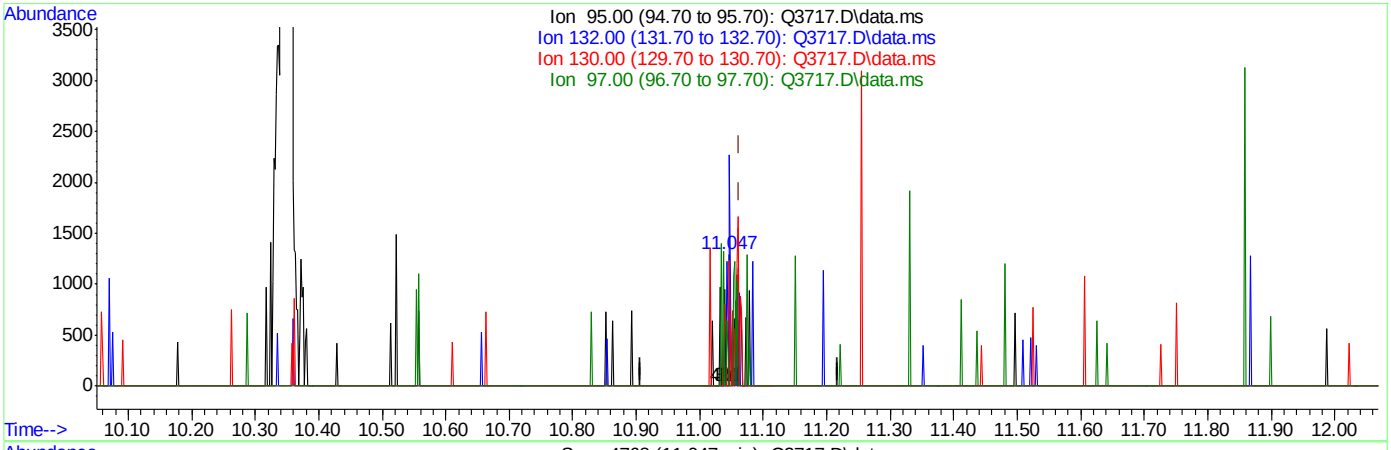
Ion	Exp%	Act%
95.00	100	100
132.00	101.00	21.97#
130.00	98.30	215.02#
97.00	65.70	79.60

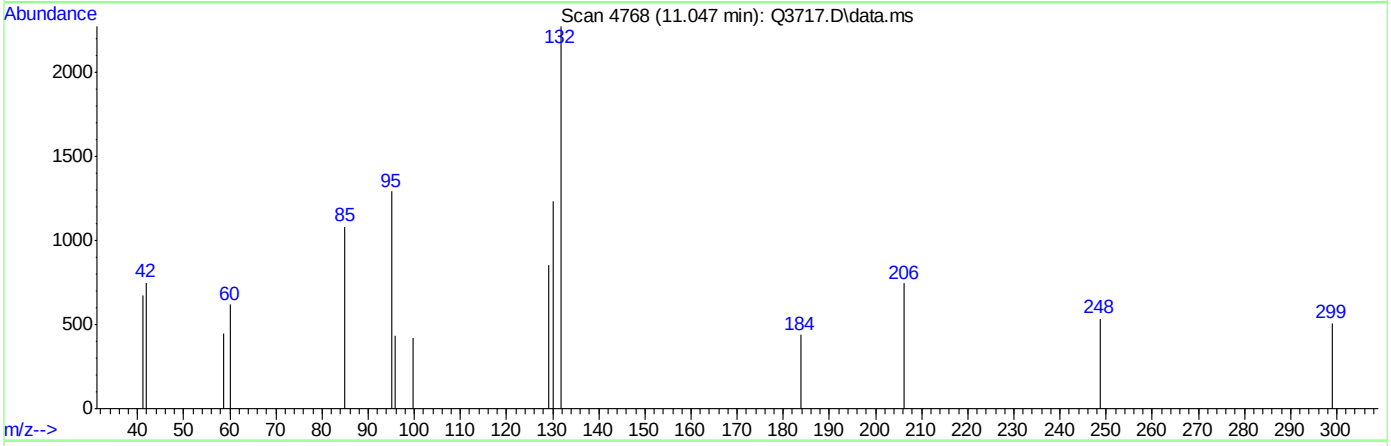
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(38) TRICHLOROETHYLENE (m)

11.047min (-0.016) 0.10PPBV m

response 1030

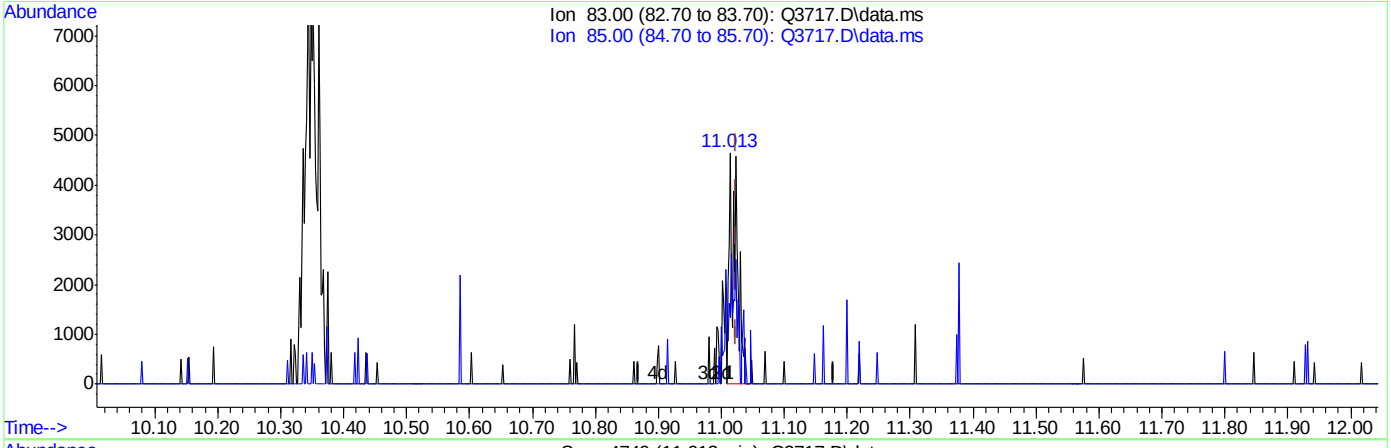
Ion	Exp%	Act%
95.00	100	100
132.00	101.00	9.51#
130.00	98.30	93.11
97.00	65.70	34.47#

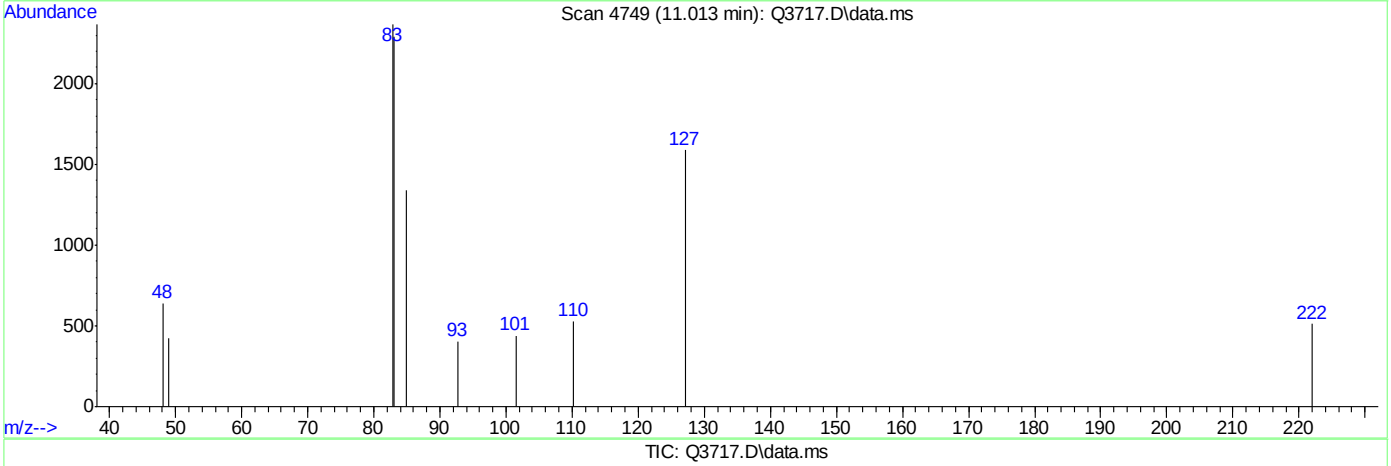
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





(40) BROMODICHLOROMETHANE (m)

11.013min (-0.011) 0.18PPBV

response 3651

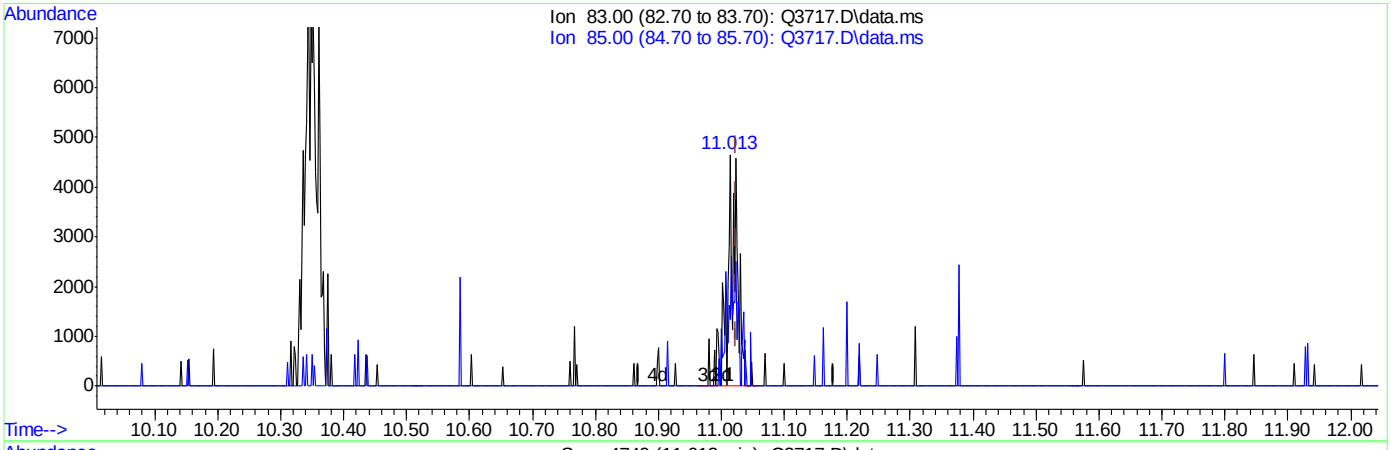
Ion	Exp%	Act%
83.00	100	100
85.00	64.10	81.92
0.00	0.00	0.00
0.00	0.00	0.00

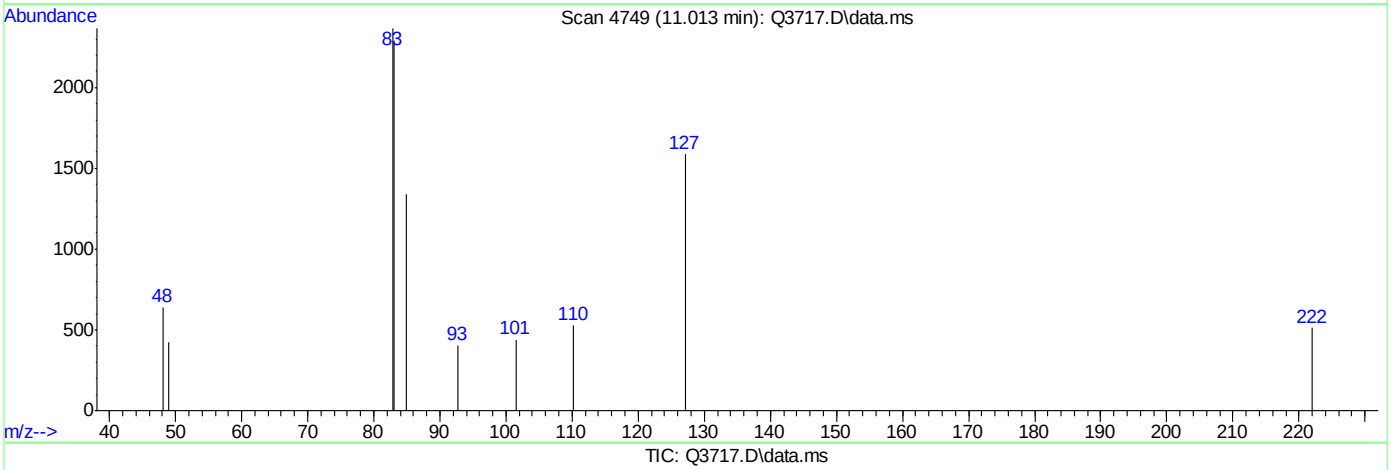
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(40) BROMODICHLOROMETHANE (m)

11.013min (-0.011) 0.25PPBV m

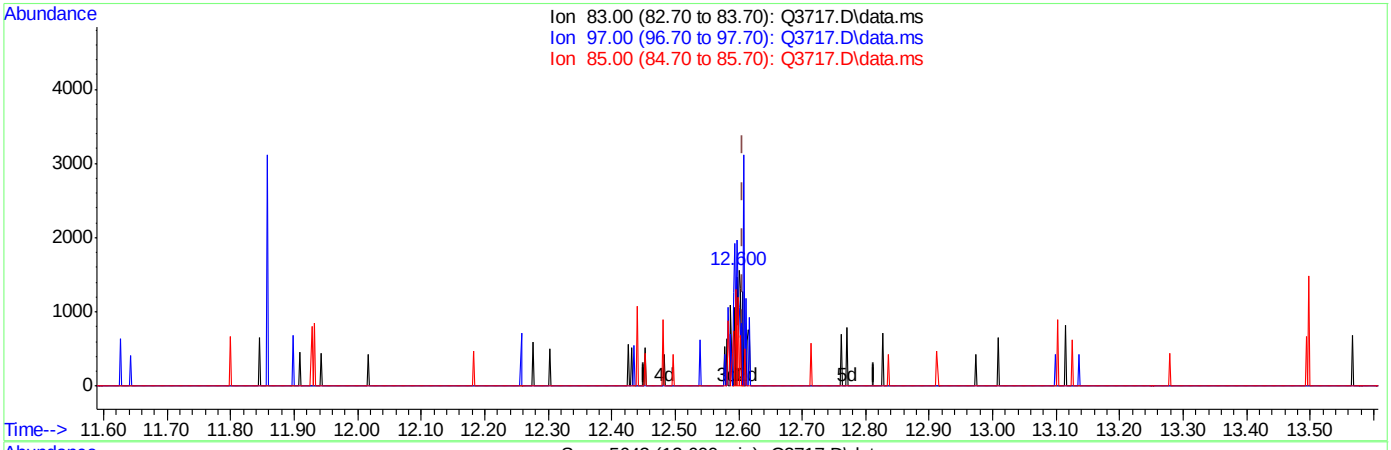
response 4881

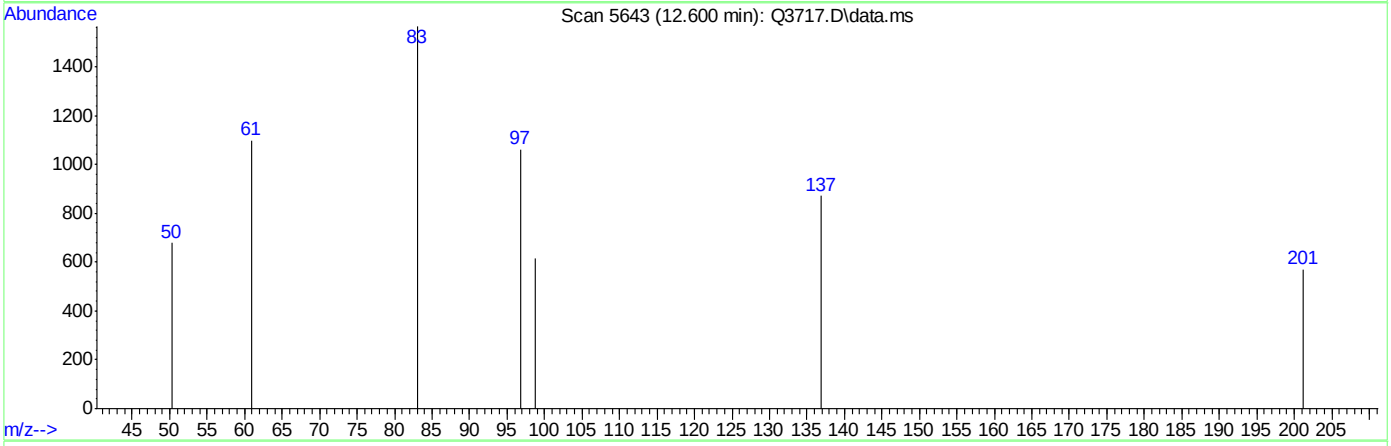
Ion	Exp%	Act%
83.00	100	100
85.00	64.10	61.28
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On    : 14 Jun 2007   1:43 pm
Operator  : PhilipB
Sample    : IC201-.2 (M068)
Misc      : MS13699, MSQ201,,,,,1
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration
```



TIC: Q3717.D\data.ms

(48) 1,1,2-TRICHLOROETHANE (m)

12.600min (-0.007) 0.09PPBV

response 801

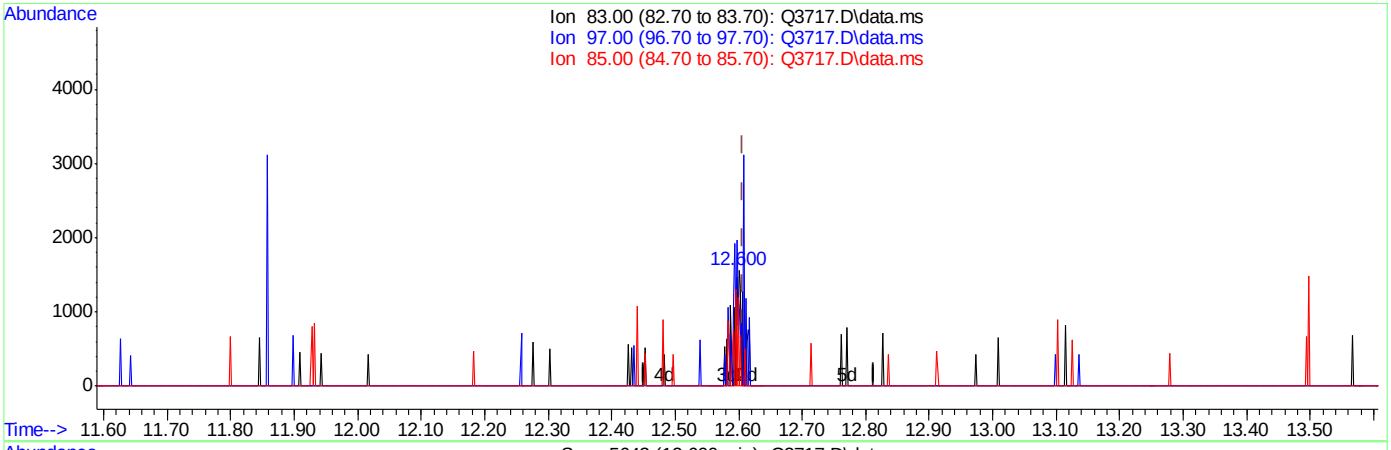
Ion	Exp%	Act%
83.00	100	100
97.00	121.10	136.95
85.00	65.40	45.07#
0.00	0.00	0.00

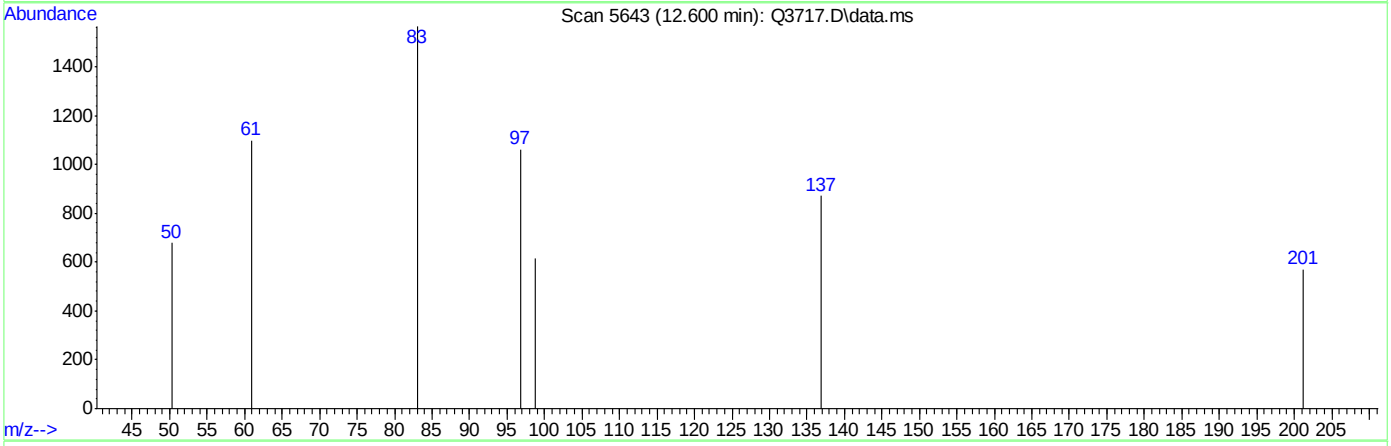
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(48) 1,1,2-TRICHLOROETHANE (m)

12.600min (-0.007) 0.15PPBV m

response 1260

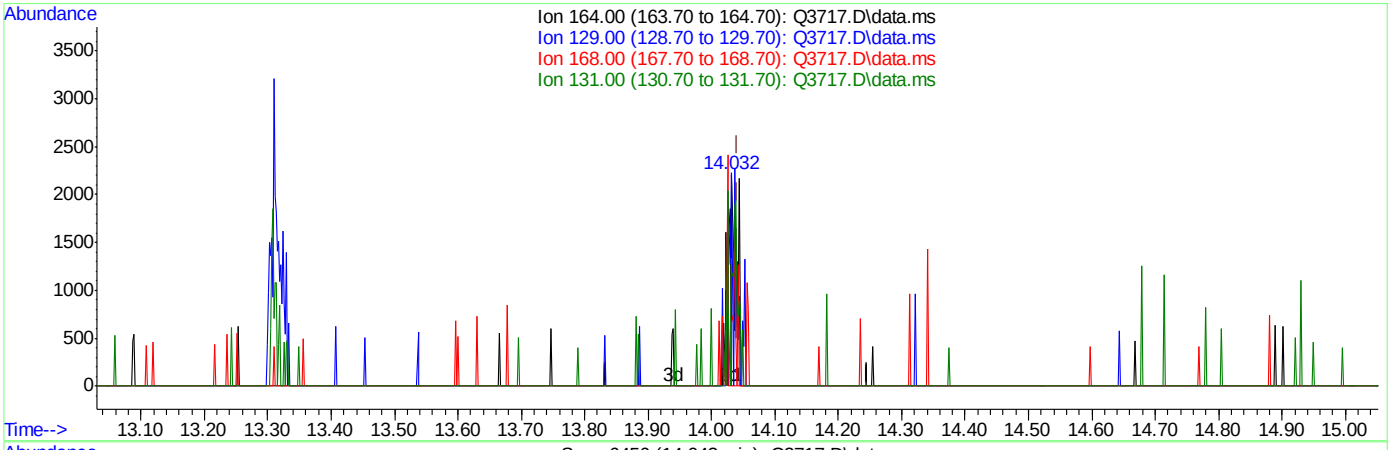
Ion	Exp%	Act%
83.00	100	100
97.00	121.10	87.06#
85.00	65.40	28.65#
0.00	0.00	0.00

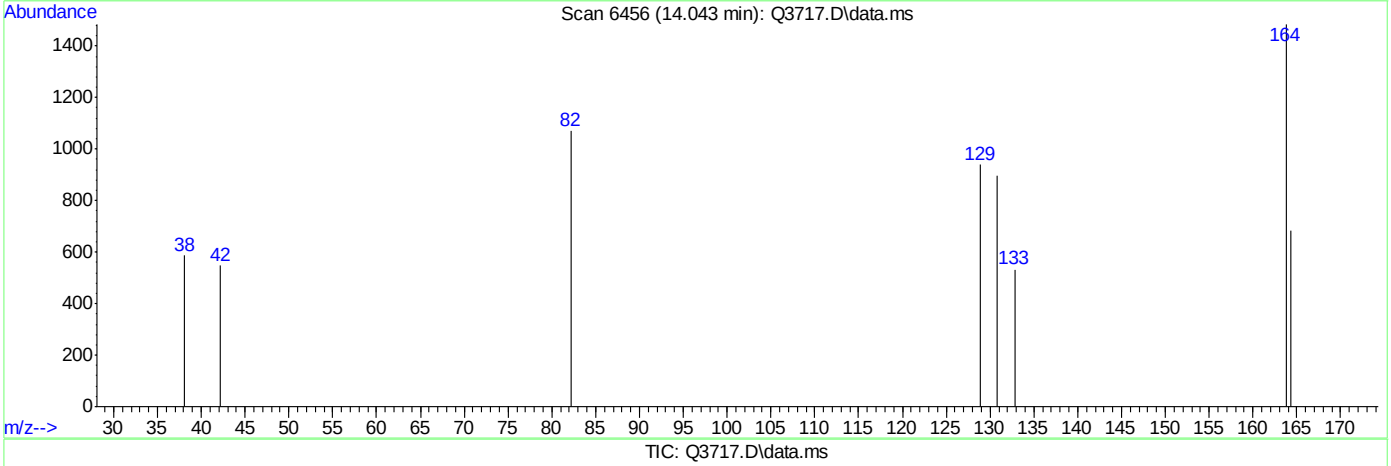
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(51) TETRACHLOROETHYLENE (m)

14.043min (+0.002) 0.12PPBV

response 1026

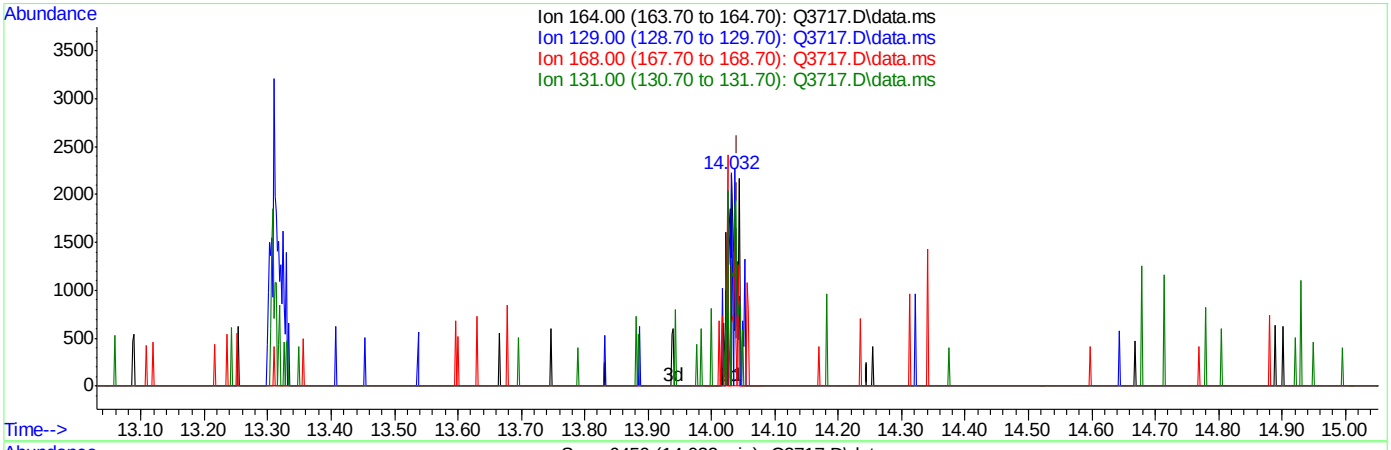
Ion	Exp%	Act%
164.00	100	100
129.00	99.00	157.31#
168.00	60.20	50.97
131.00	102.50	0.00#

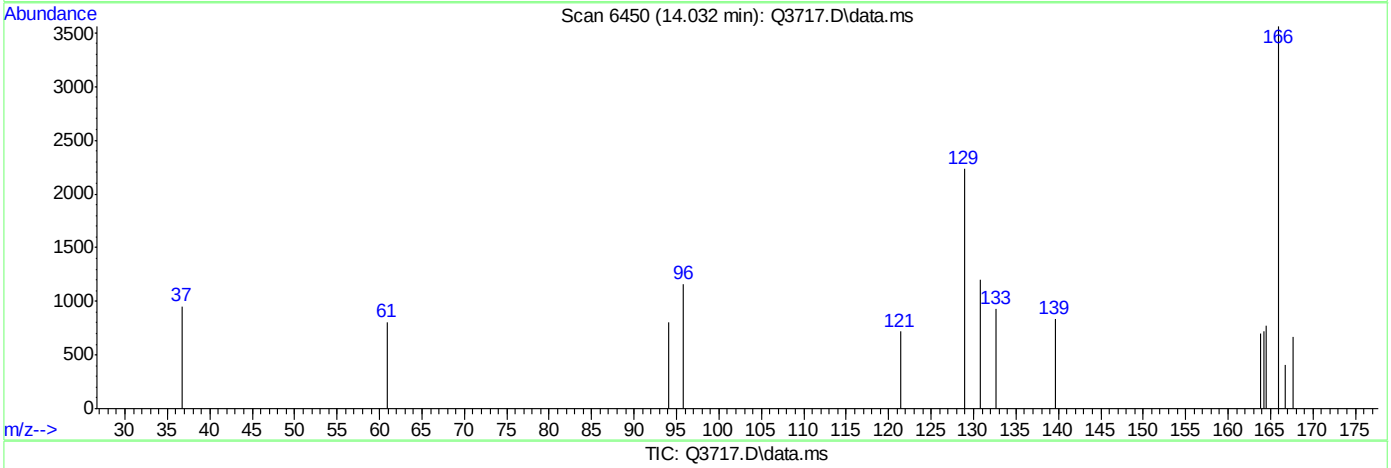
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(51) TETRACHLOROETHYLENE (m)

14.032min (-0.009) 0.19PPBV m

response 1625

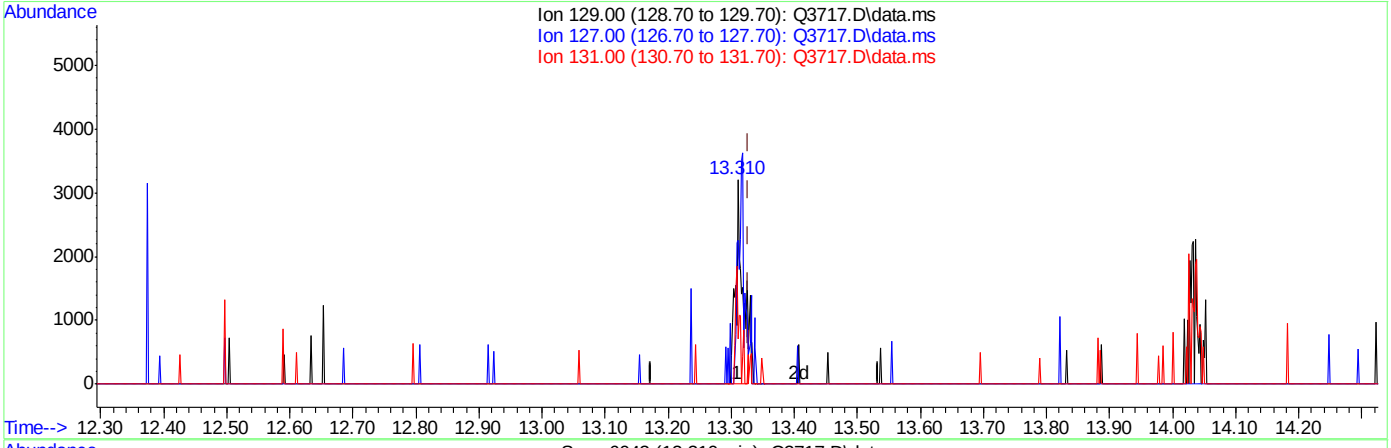
Ion	Exp%	Act%
164.00	100	100
129.00	99.00	99.32
168.00	60.20	32.18#
131.00	102.50	0.00#

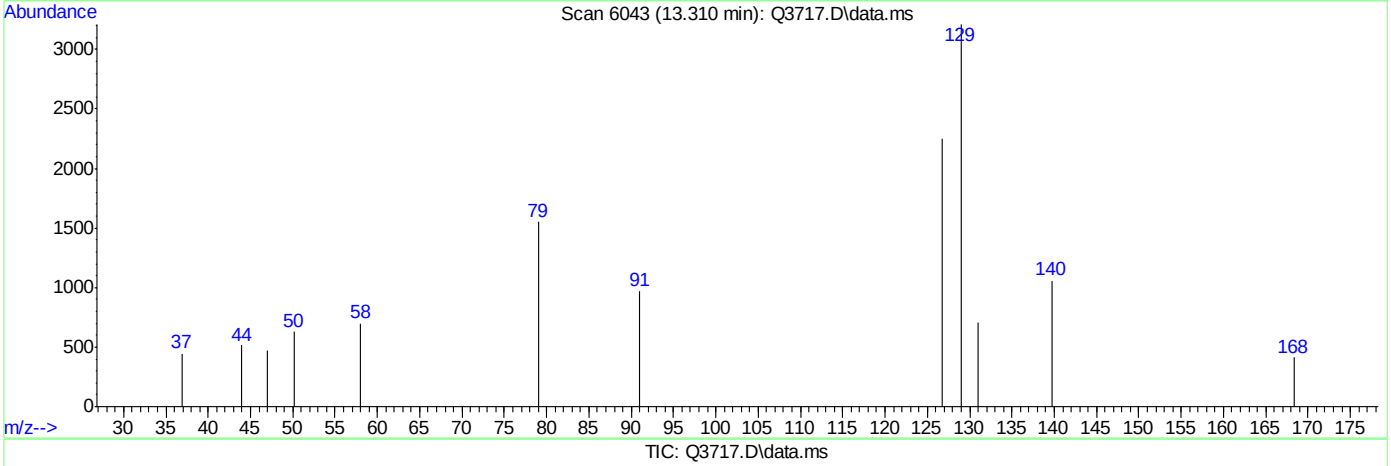
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(52) DIBROMOCHLOROMETHANE (m)

13.310min (-0.018) 0.11PPBV

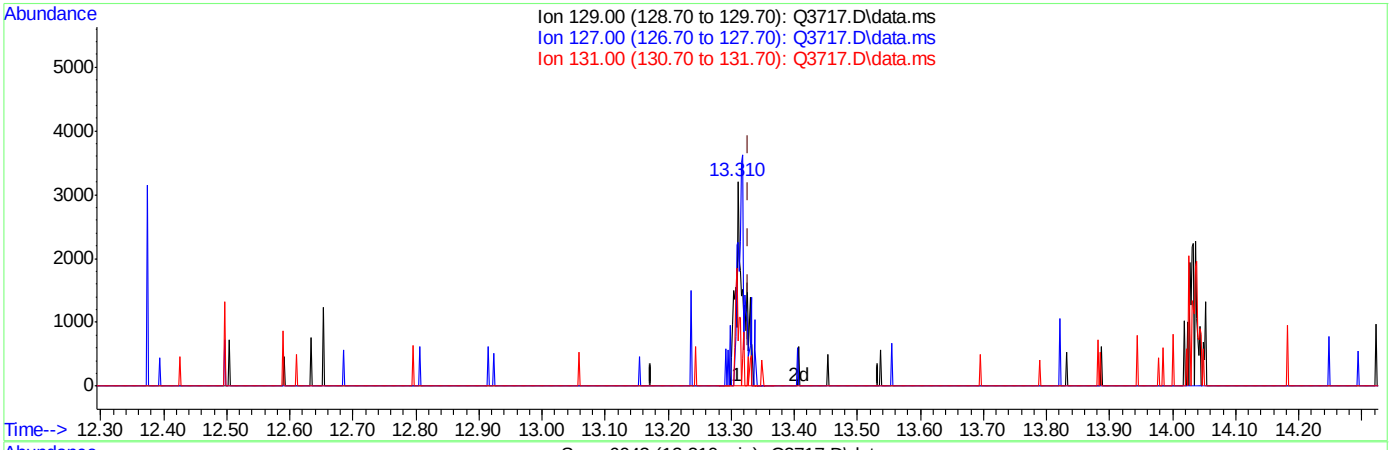
response 2383

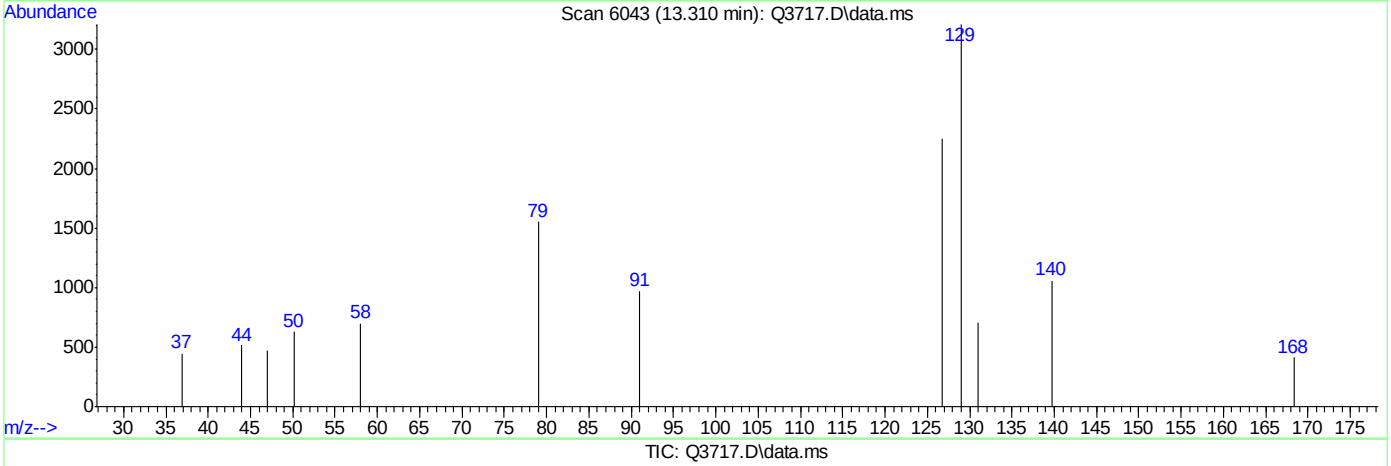
Ion	Exp%	Act%
129.00	100	100
127.00	78.00	108.22#
131.00	25.60	42.43
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(52) DIBROMOCHLOROMETHANE (m)

13.310min (-0.018) 0.12PPBV m

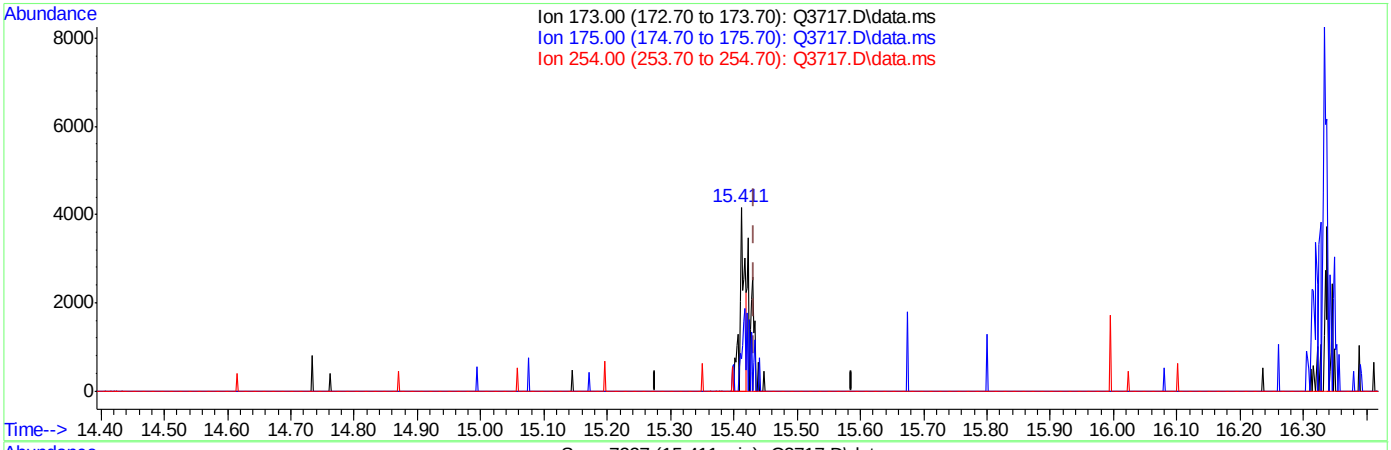
response 2660

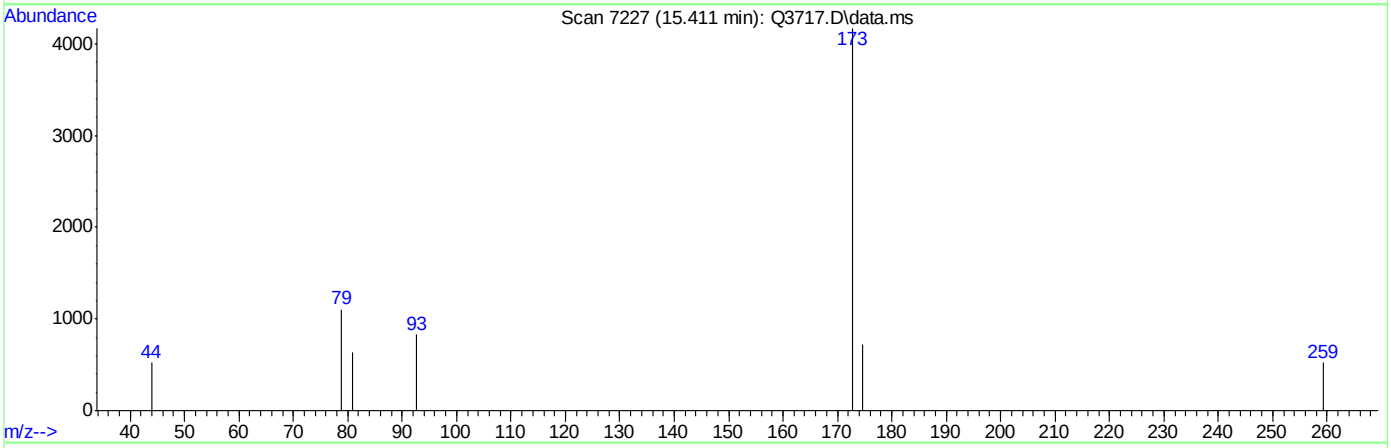
Ion	Exp%	Act%
129.00	100	100
127.00	78.00	96.95
131.00	25.60	38.01
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(60) BROMOFORM (m)

15.411min (-0.021) 0.11PPBV

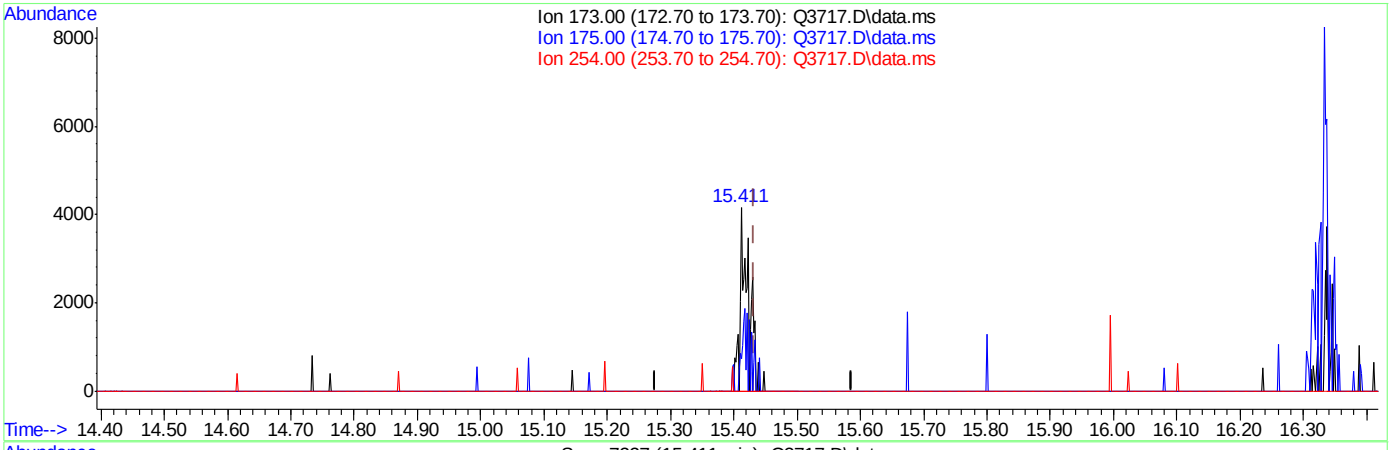
response 2126

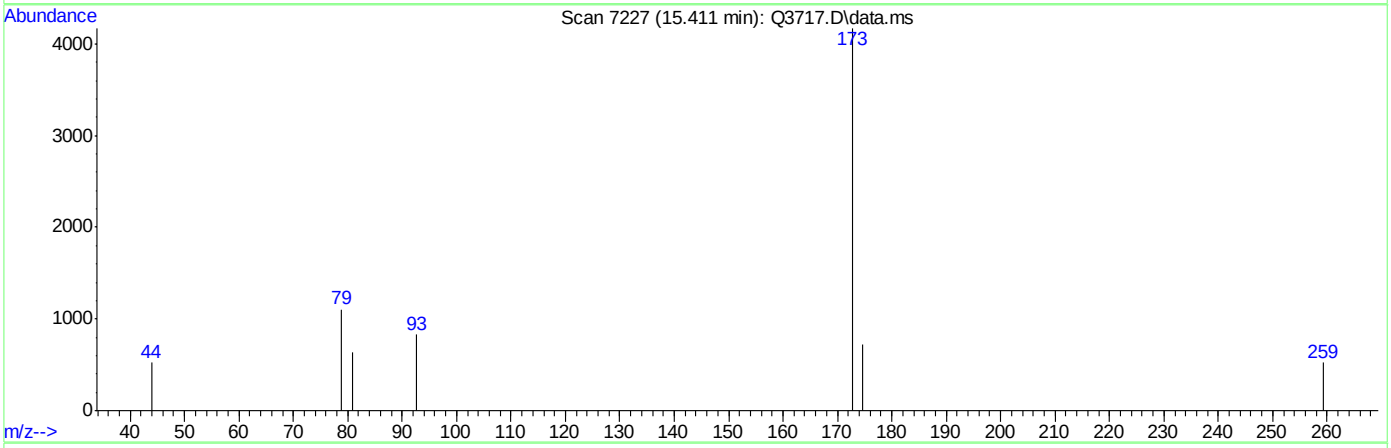
Ion	Exp%	Act%
173.00	100	100
175.00	47.70	43.98
254.00	7.50	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(60) BROMOFORM (m)

15.411min (-0.021) 0.20PPBV m

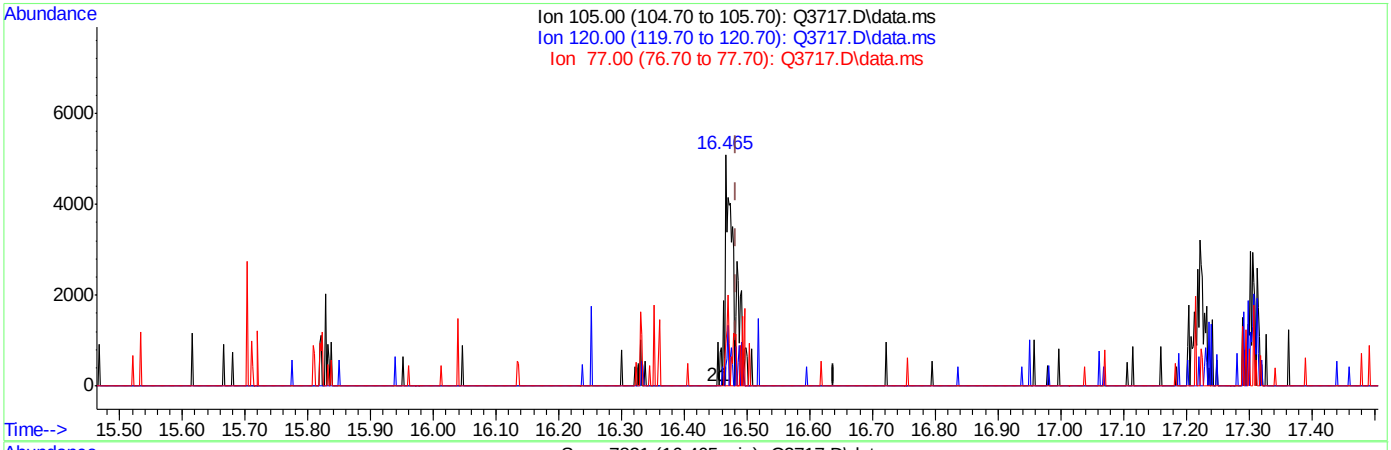
response 3811

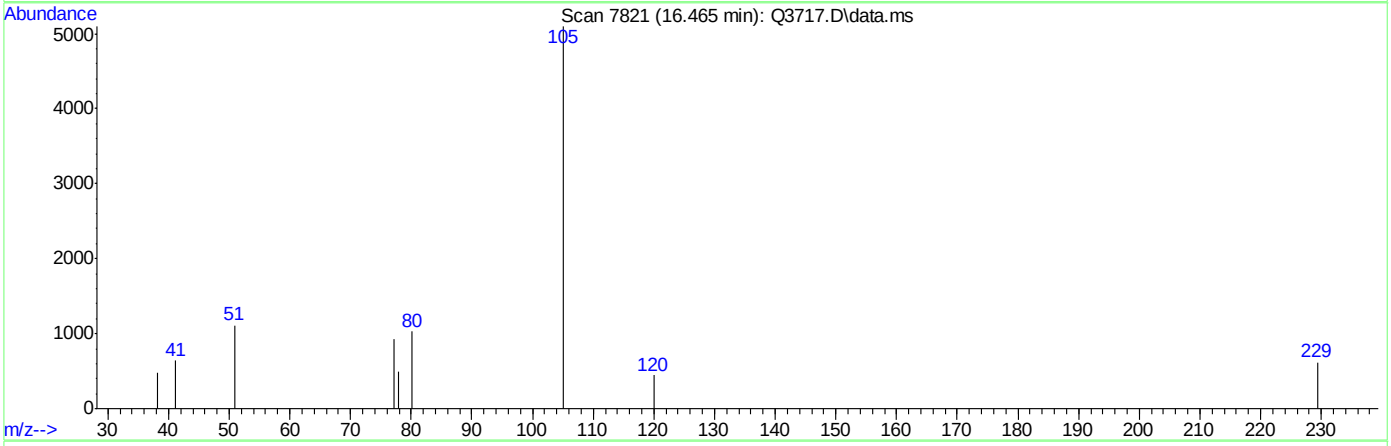
Ion	Exp%	Act%
173.00	100	100
175.00	47.70	24.53#
254.00	7.50	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(63) ISOPROPYLBENZENE (m)

16.465min (-0.019) 0.12PPBV

response 4861

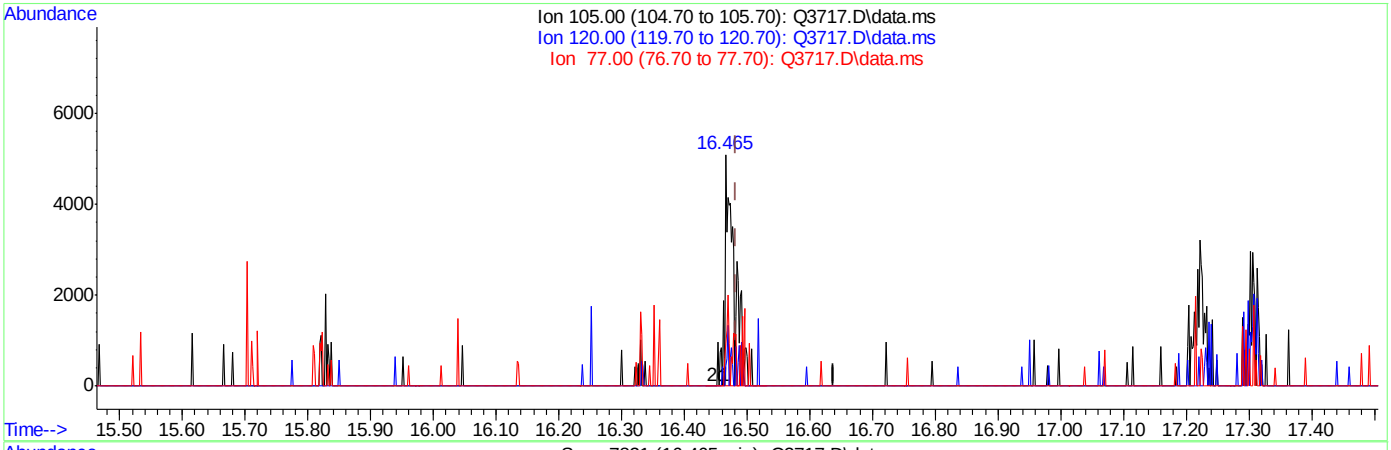
Ion	Exp%	Act%
105.00	100	100
120.00	25.90	5.23#
77.00	19.10	13.99
0.00	0.00	0.00

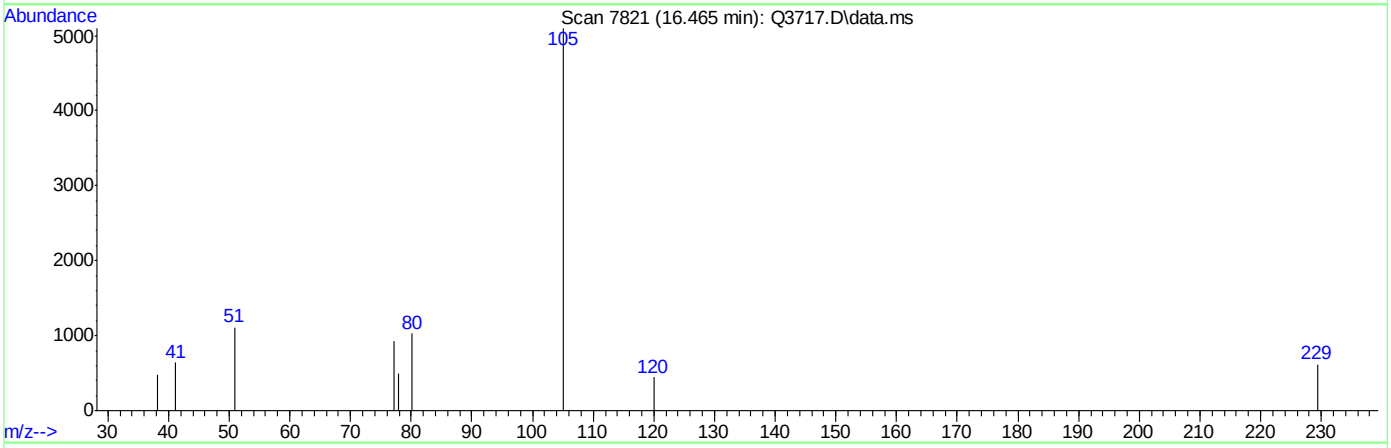
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(63) ISOPROPYLBENZENE (m)

16.465min (-0.019) 0.13PPBV m

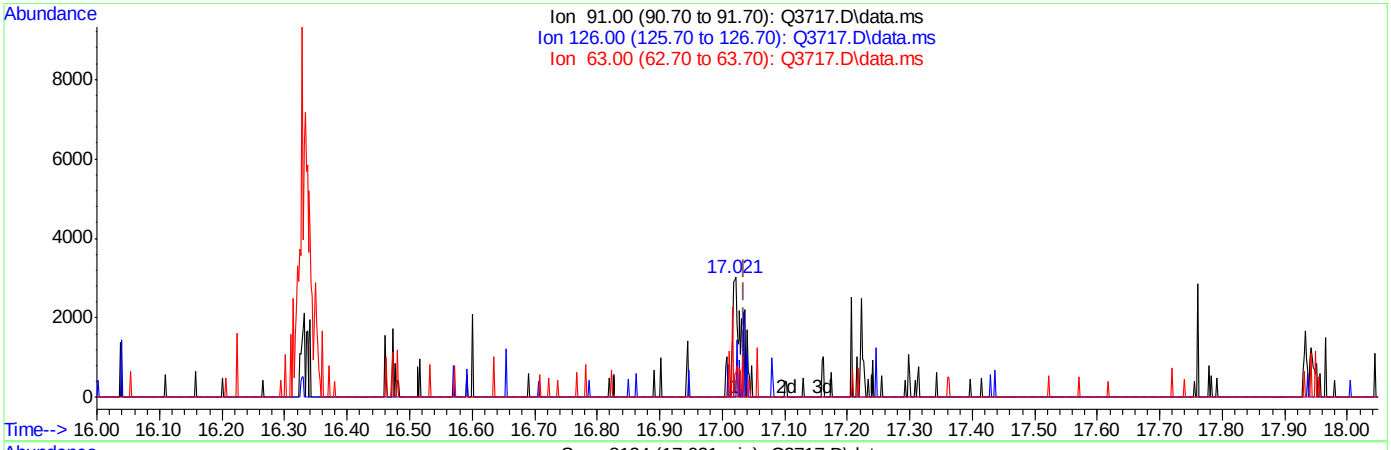
response 5426

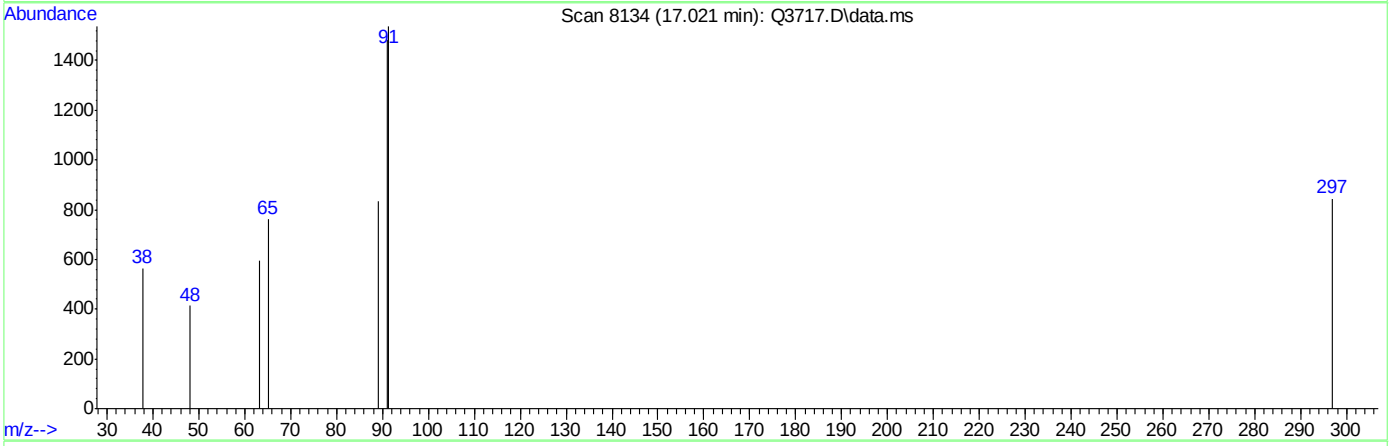
Ion	Exp%	Act%
105.00	100	100
120.00	25.90	4.68#
77.00	19.10	12.53
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(64) 2-CHLOROTOLUENE (m)

17.021min (-0.015) 0.11PPBV

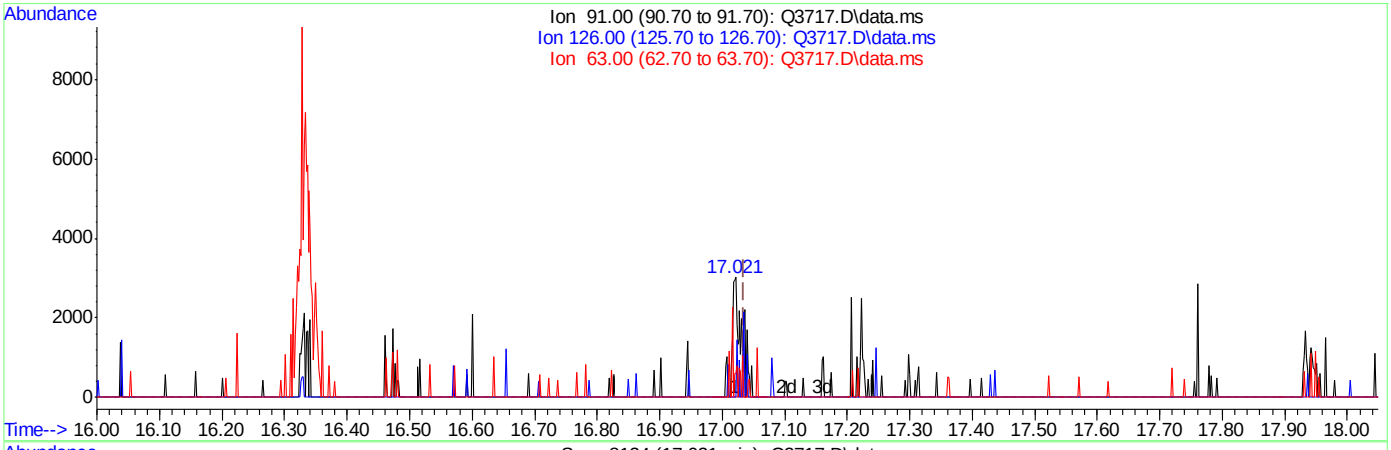
response 3376

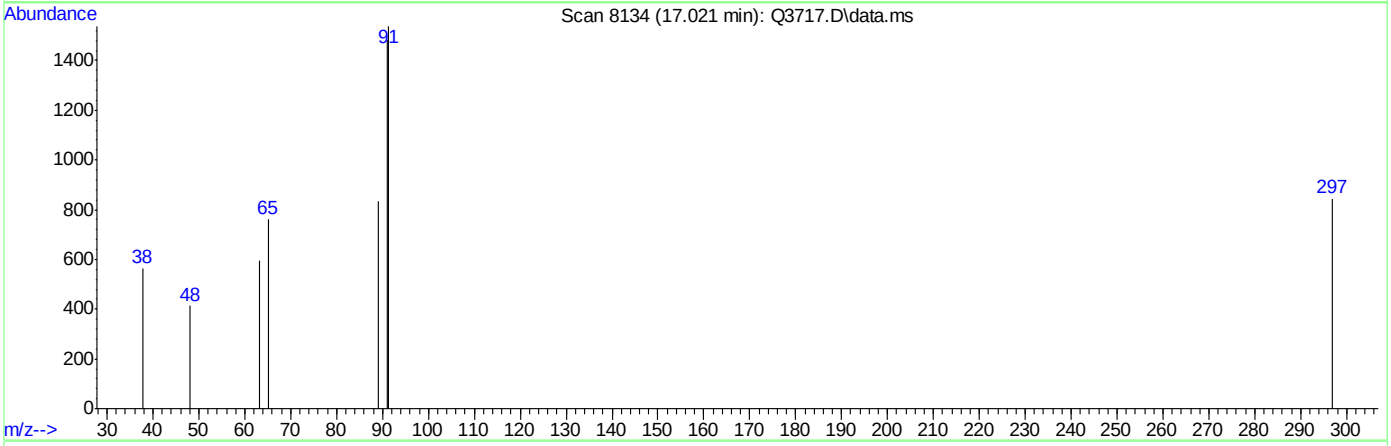
Ion	Exp%	Act%
91.00	100	100
126.00	36.10	0.00#
63.00	18.60	6.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(64) 2-CHLOROTOLUENE (m)

17.021min (-0.015) 0.11PPBV m

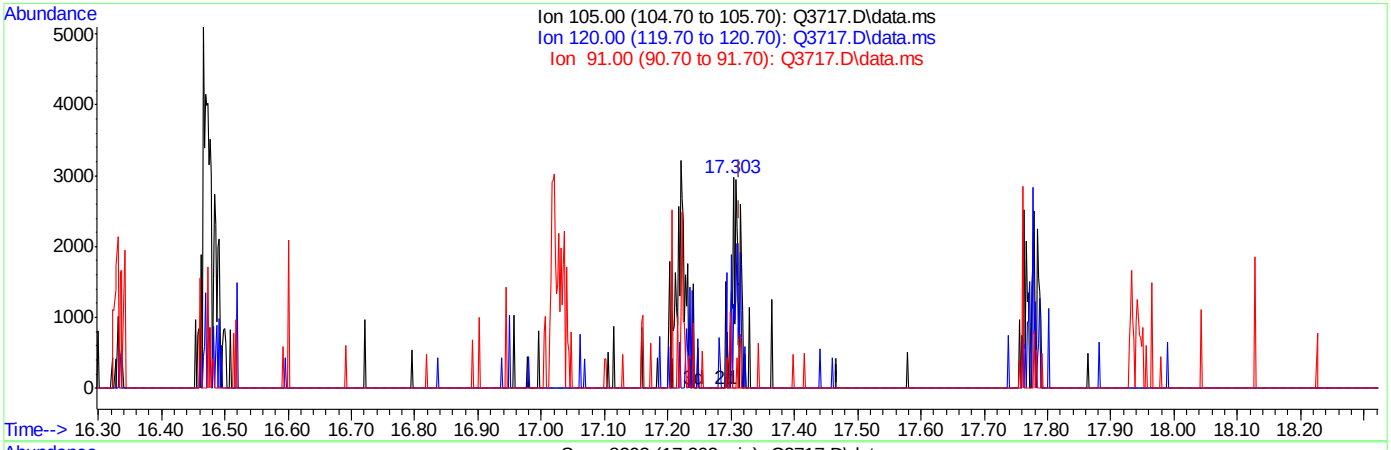
response 3377

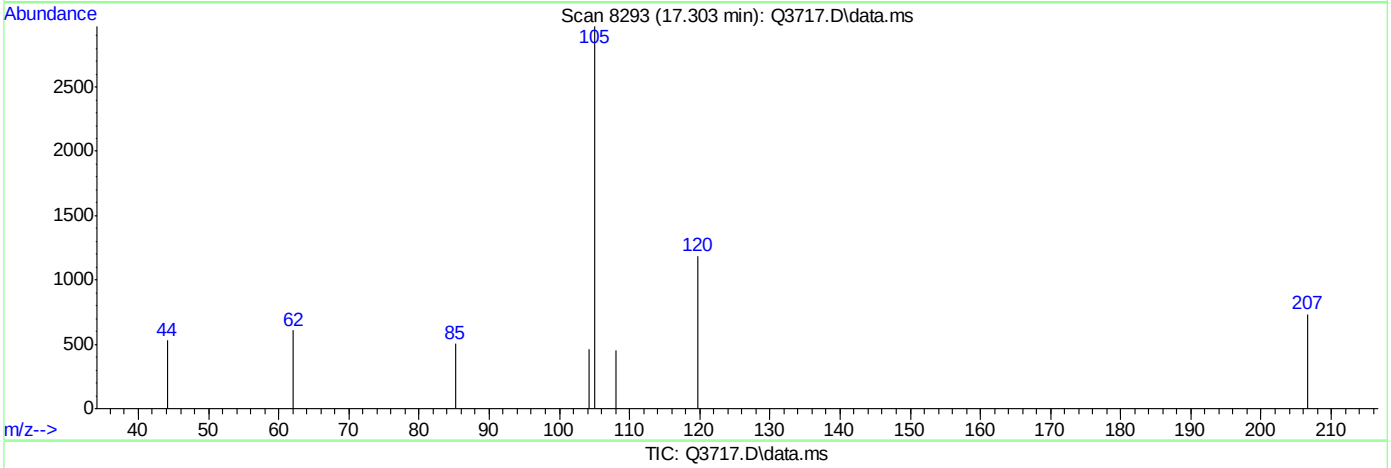
Ion	Exp%	Act%
91.00	100	100
126.00	36.10	0.00#
63.00	18.60	6.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(66) 1,3,5-TRIMETHYLBENZENE (m)

17.303min (-0.010) 0.06PPBV

response 2054

Ion	Exp%	Act%
105.00	100	100
120.00	47.80	63.34
91.00	13.40	8.57
0.00	0.00	0.00

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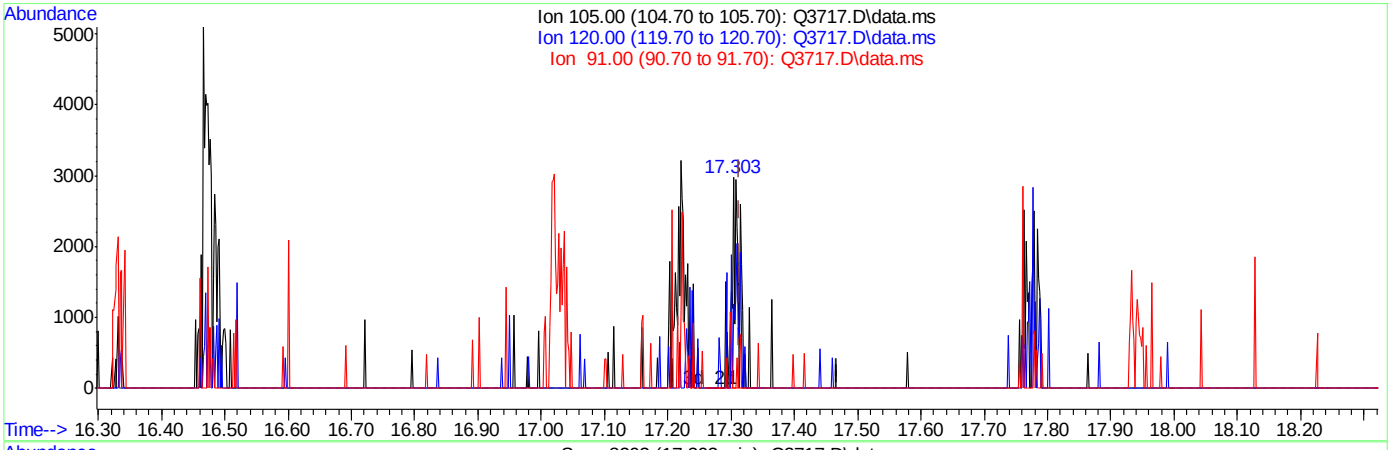
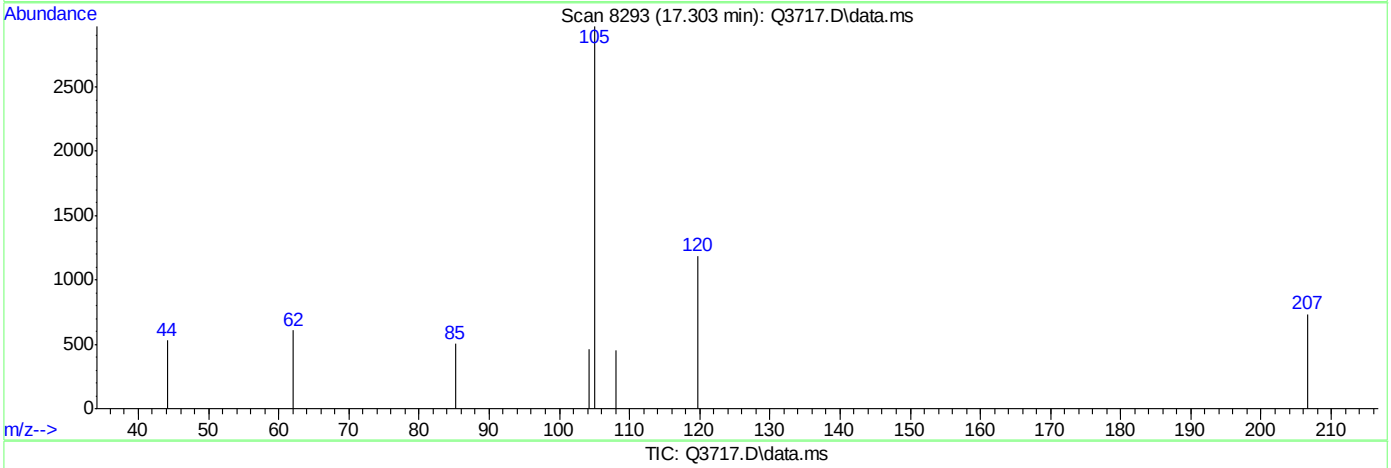
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(66) 1,3,5-TRIMETHYLBENZENE (m)

17.303min (-0.010) 0.07PPBV m

response 2516

Ion	Exp%	Act%
105.00	100	100
120.00	47.80	51.71
91.00	13.40	7.00
0.00	0.00	0.00

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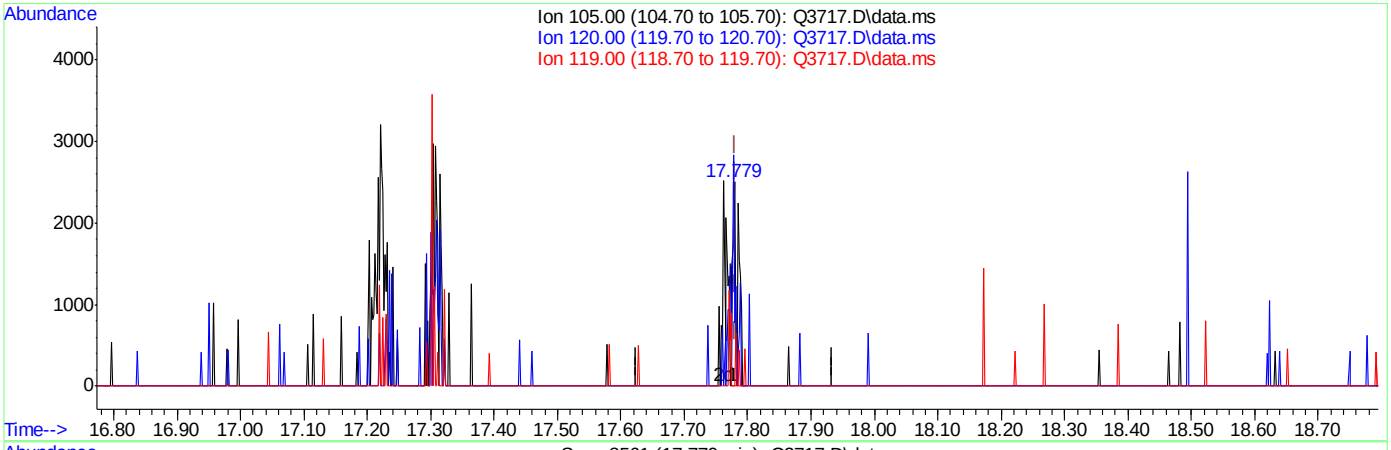
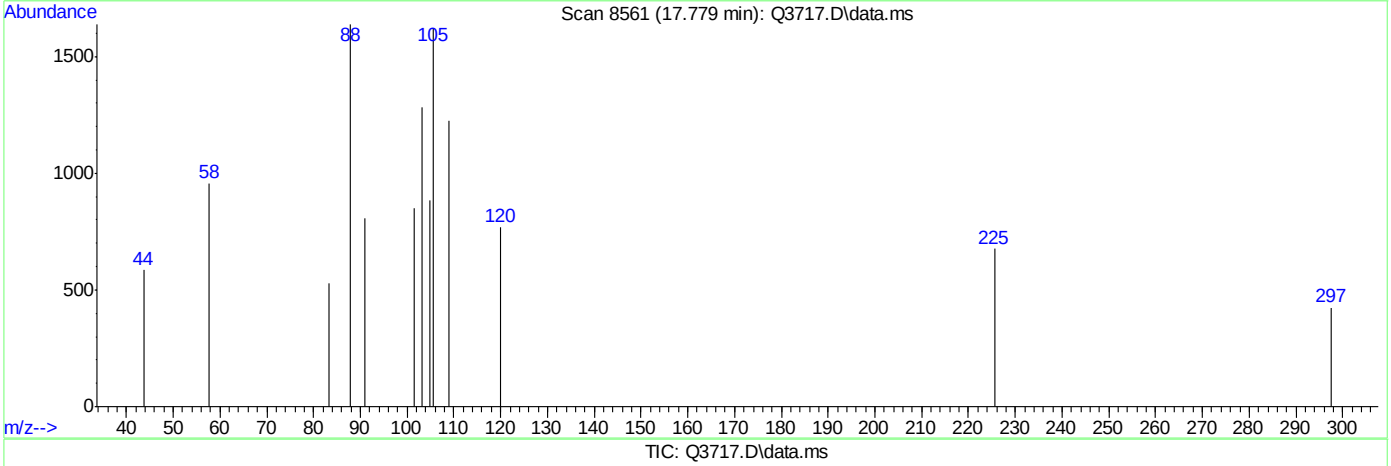
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(67) 1,2,4-TRIMETHYLBENZENE (m)

17.779min (-0.001) 0.04PPBV

response 1322

Ion	Exp%	Act%
105.00	100	100
120.00	45.90	93.49#
119.00	11.20	30.18
0.00	0.00	0.00

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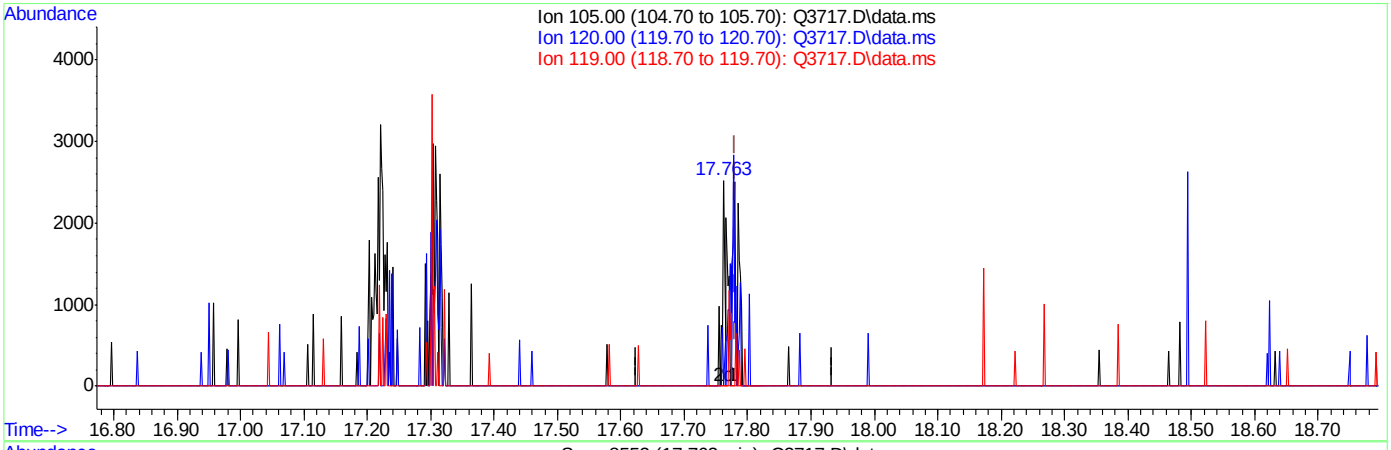
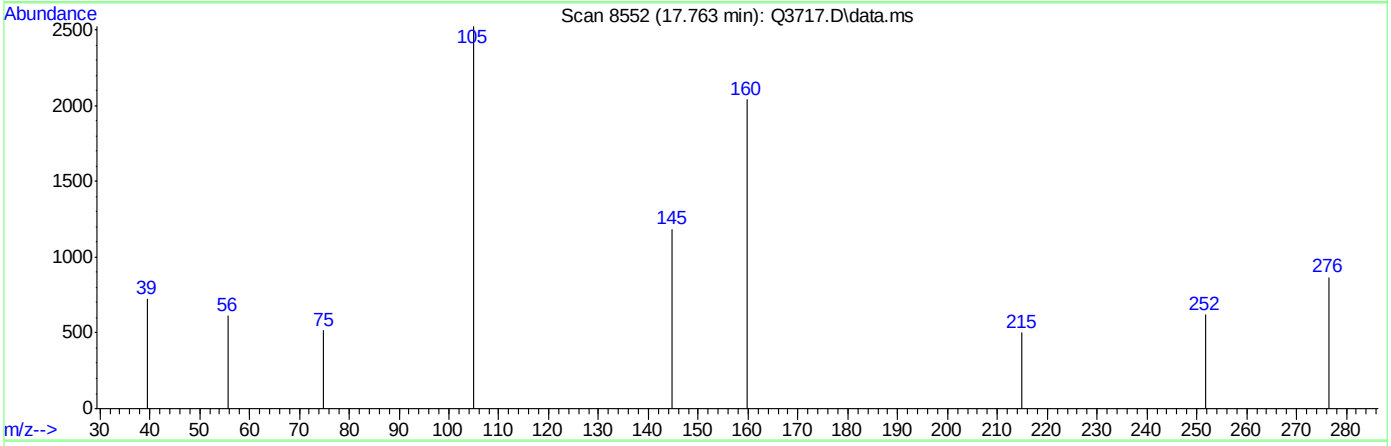
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(67) 1,2,4-TRIMETHYLBENZENE (m)

17.763min (-0.017) 0.07PPBV m

response 2390

Ion	Exp%	Act%
105.00	100	100
120.00	45.90	51.72
119.00	11.20	16.69
0.00	0.00	0.00

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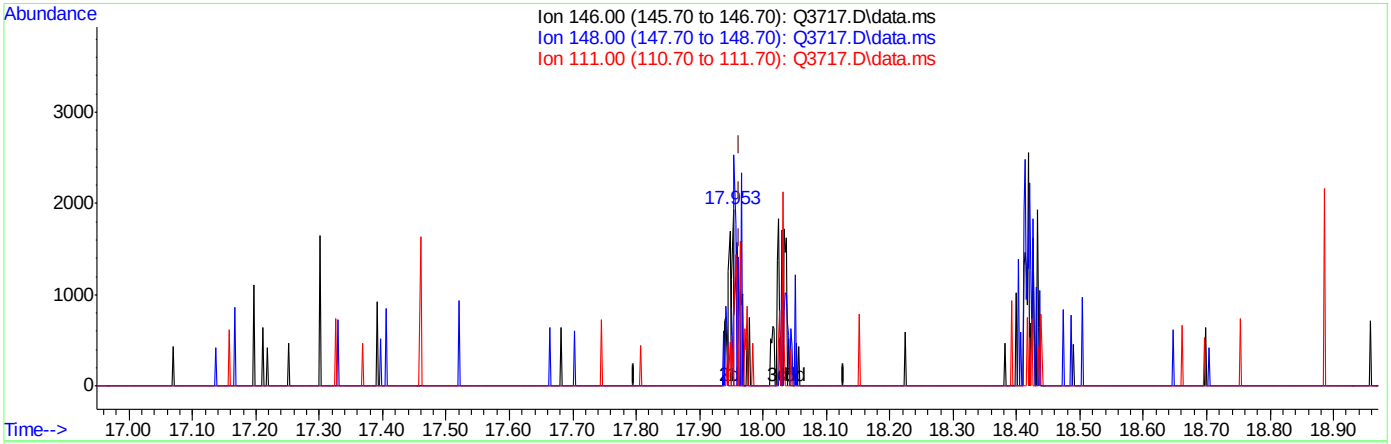
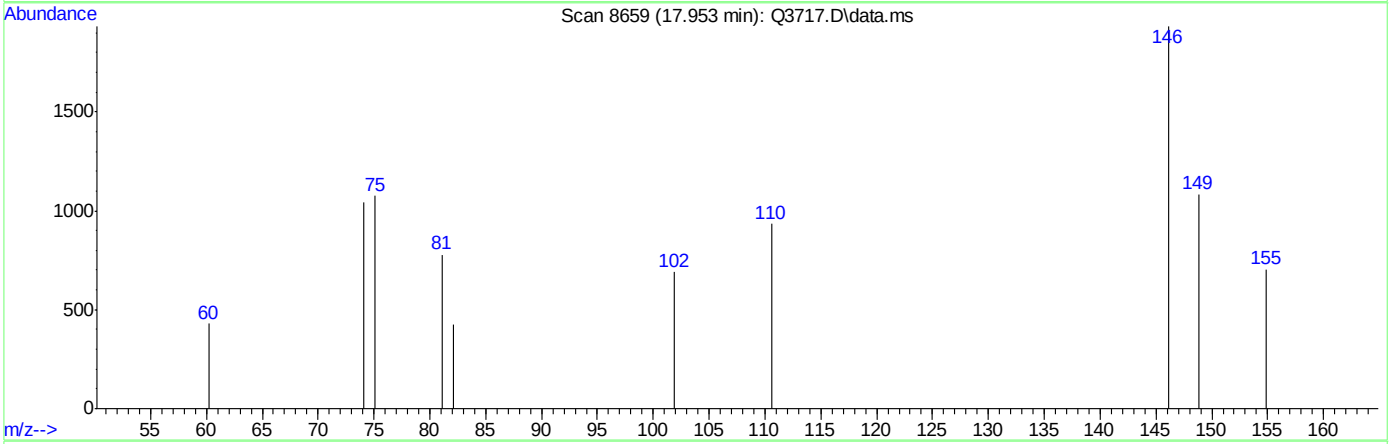
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(68) m-DICHLOROBENZENE (m)

17.953min (-0.010) 0.06PPBV

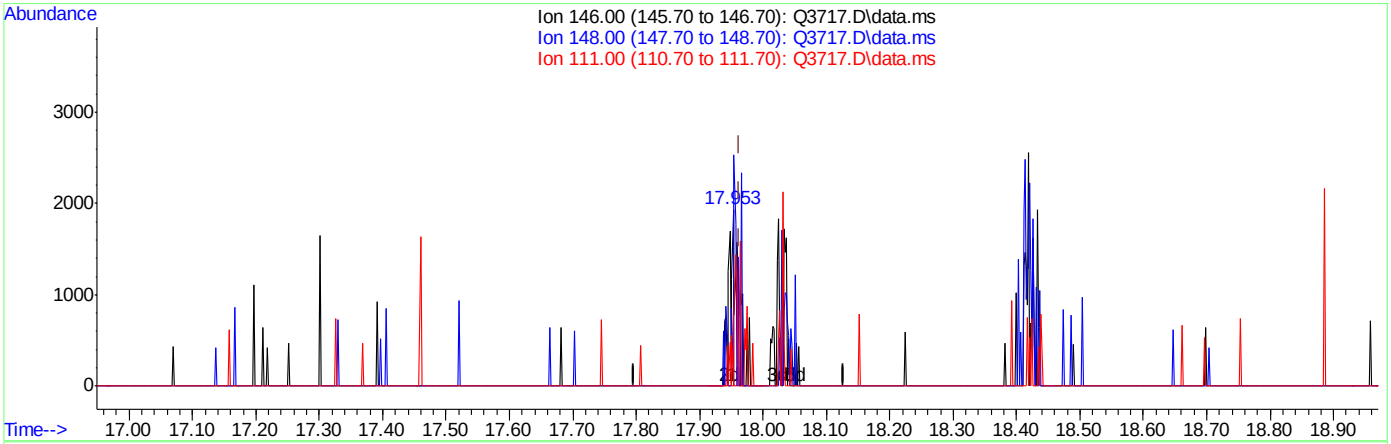
response 1230

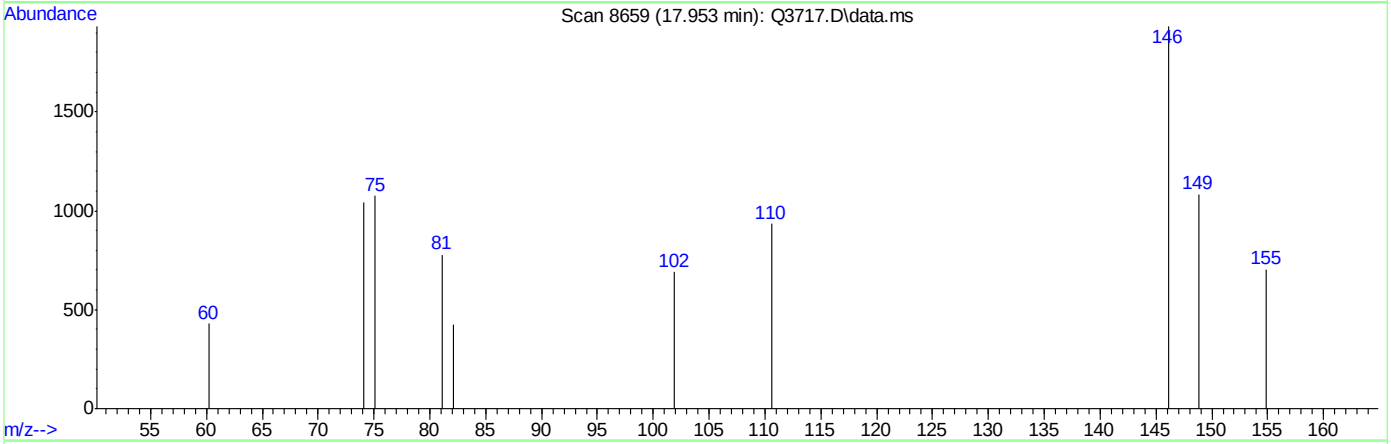
Ion	Exp%	Act%
146.00	100	100
148.00	62.90	77.24
111.00	41.00	33.25
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(68) m-DICHLOROBENZENE (m)

17.953min (-0.010) 0.09PPBV m

response 1835

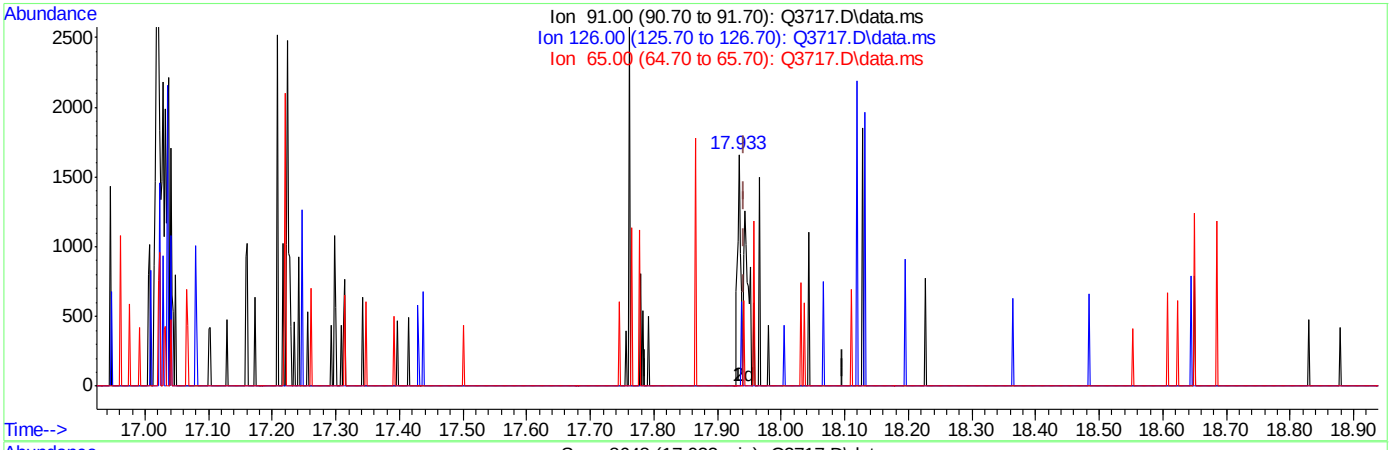
Ion	Exp%	Act%
146.00	100	100
148.00	62.90	51.77
111.00	41.00	22.29
0.00	0.00	0.00

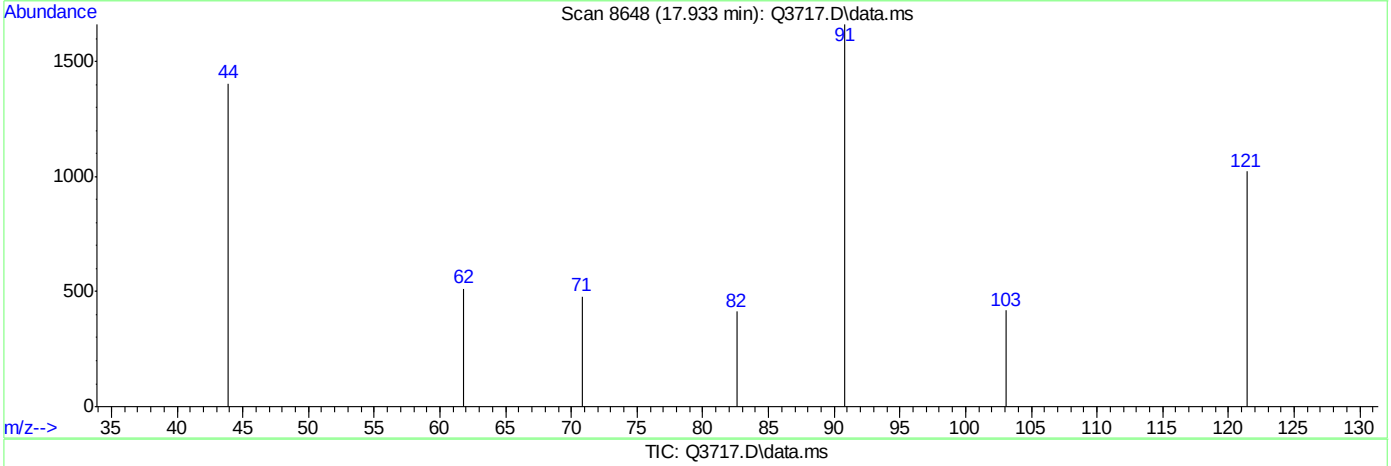
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(69) BENZYL CHLORIDE (m)

17.933min (-0.009) 0.02PPBV

response 534

Ion	Exp%	Act%
91.00	100	100
126.00	20.90	0.00#
65.00	12.30	0.00
0.00	0.00	0.00

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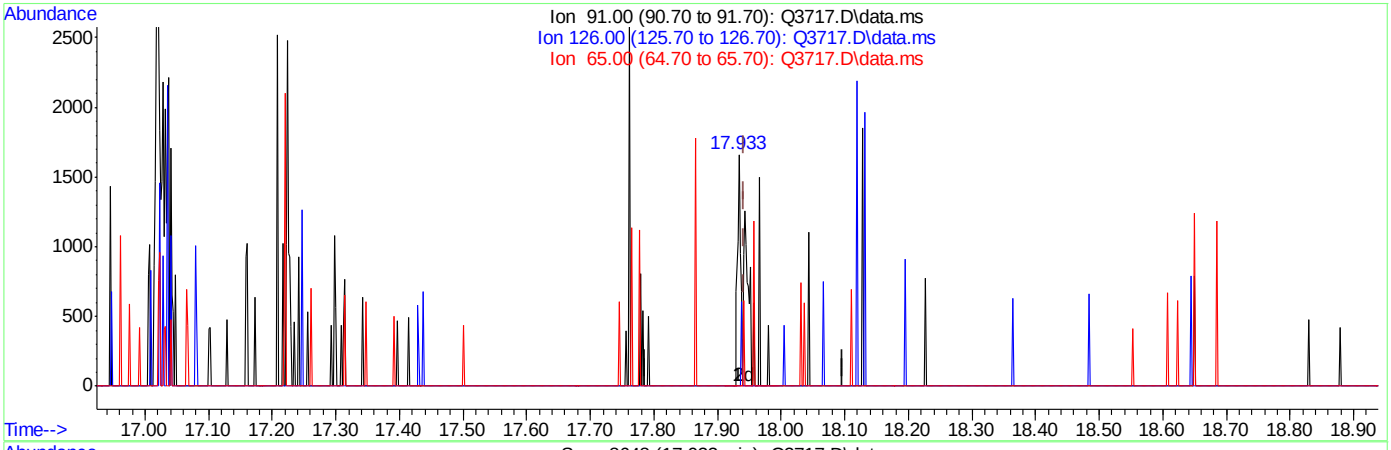
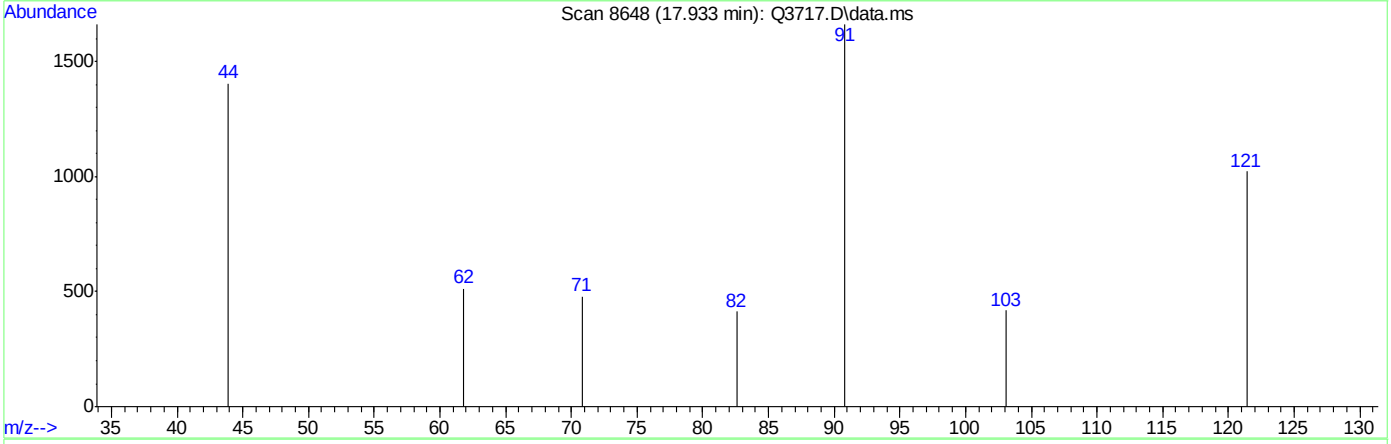
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(69) BENZYL CHLORIDE (m)

17.933min (-0.009) 0.06PPBV m

response 1457

Ion	Exp%	Act%
91.00	100	100
126.00	20.90	0.00#
65.00	12.30	0.00
0.00	0.00	0.00

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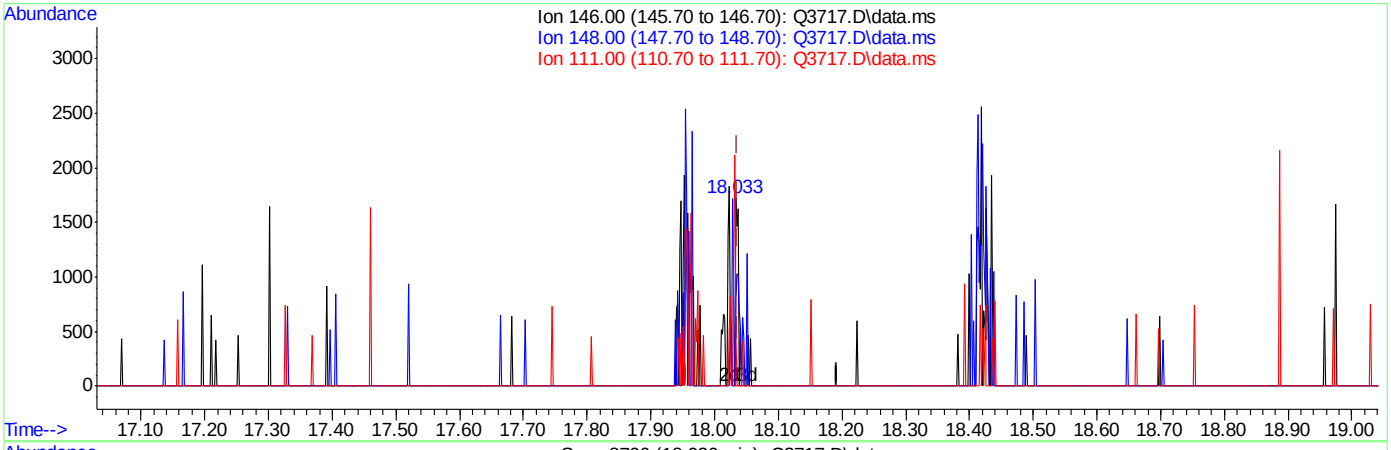
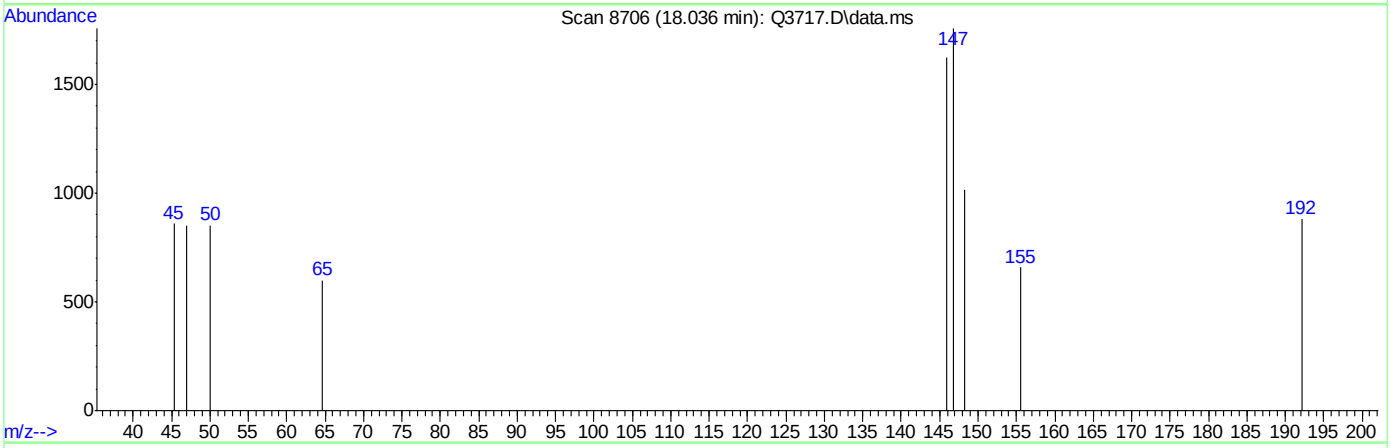
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(70) p-DICHLOROBENZENE (m)

18.036min (-0.001) 0.03PPBV

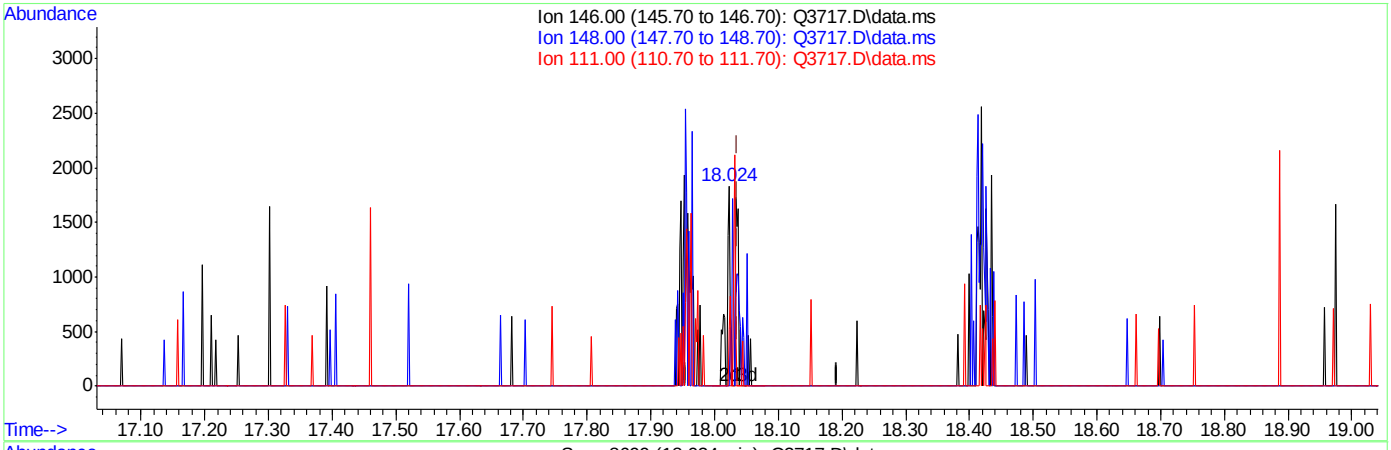
response 568

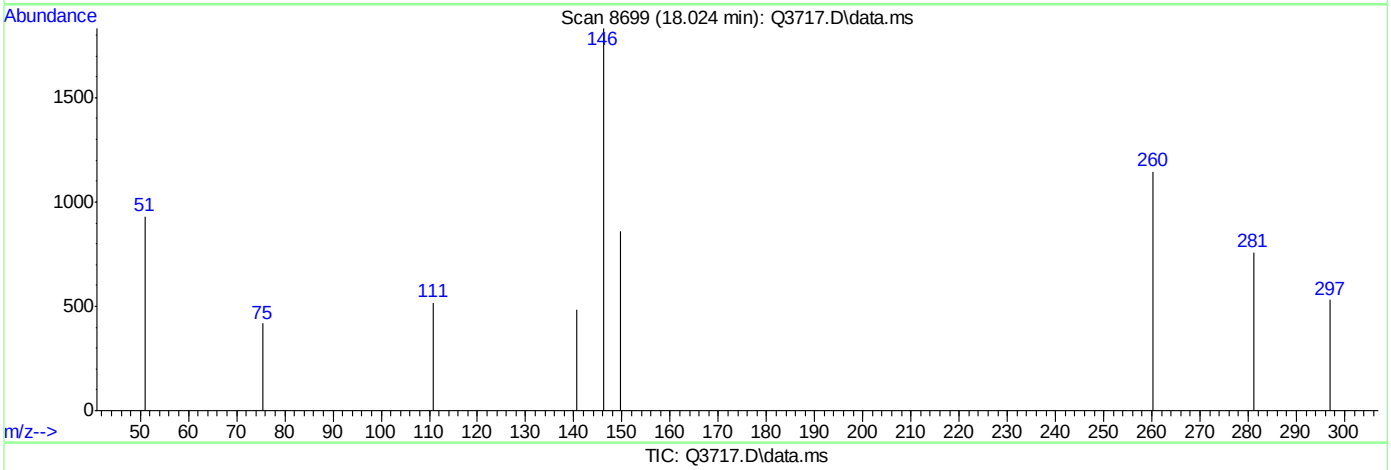
Ion	Exp%	Act%
146.00	100	100
148.00	64.20	151.94#
111.00	38.90	73.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(70) p-DICHLOROBENZENE (m)

18.024min (-0.013) 0.08PPBV m

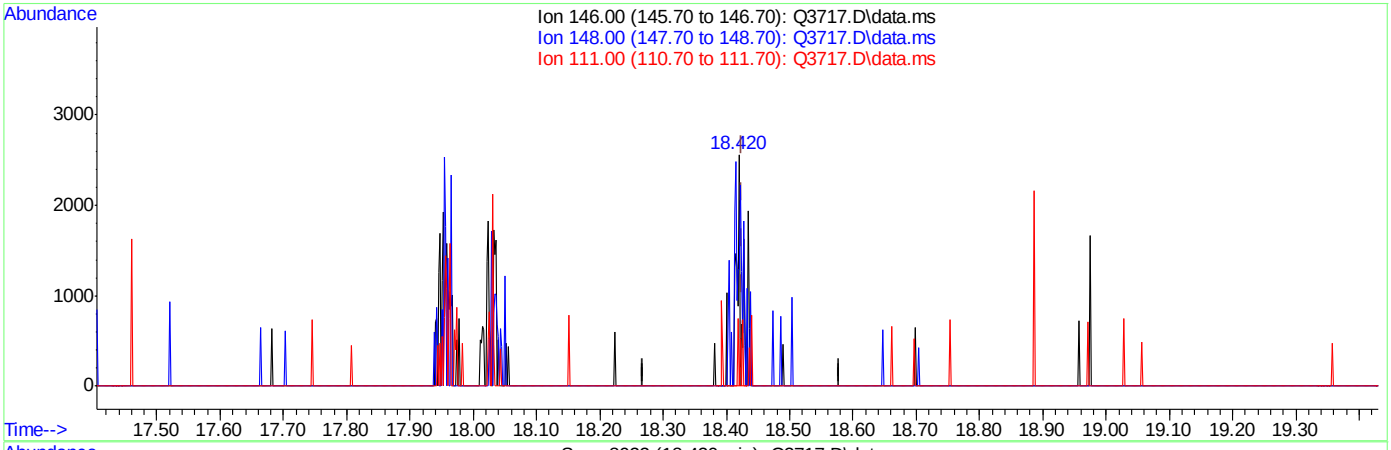
response 1369

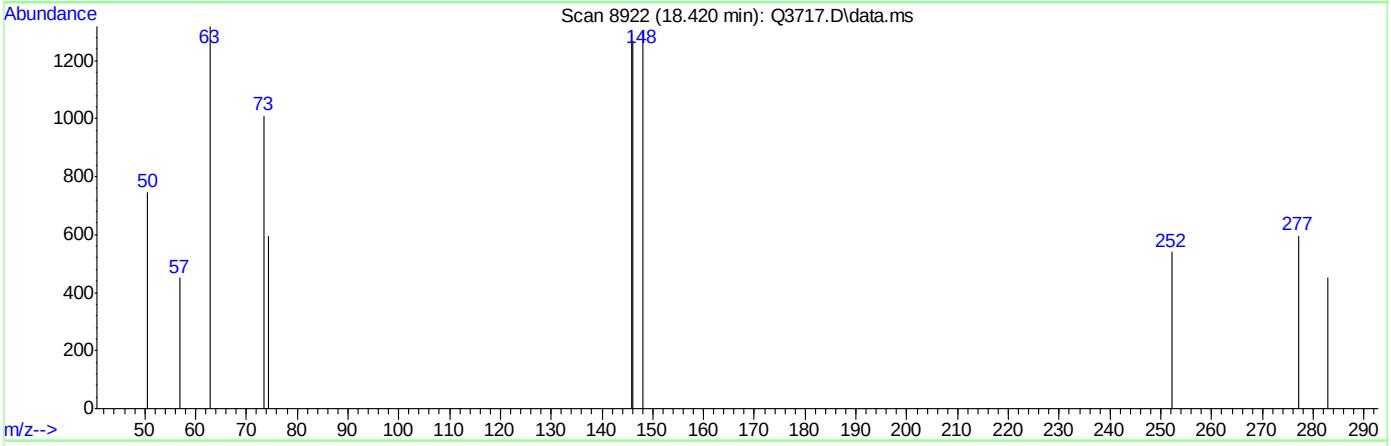
Ion	Exp%	Act%
146.00	100	100
148.00	64.20	63.04
111.00	38.90	30.61
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(71) o-DICHLOROBENZENE (m)

18.420min (-0.004) 0.07PPBV

response 1172

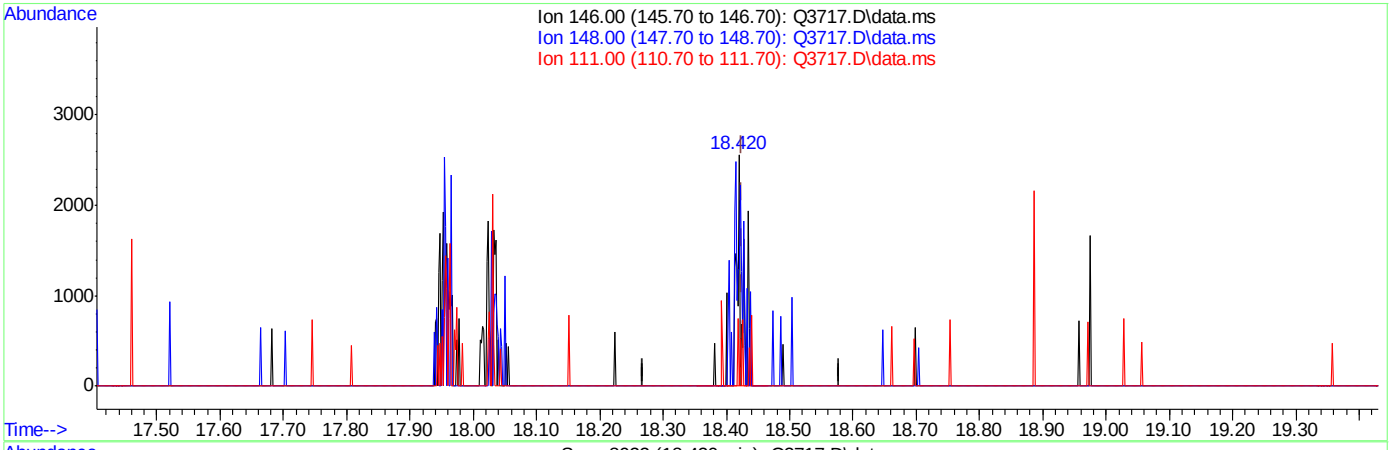
Ion	Exp%	Act%
146.00	100	100
148.00	64.40	145.14#
111.00	40.90	0.00#
0.00	0.00	0.00

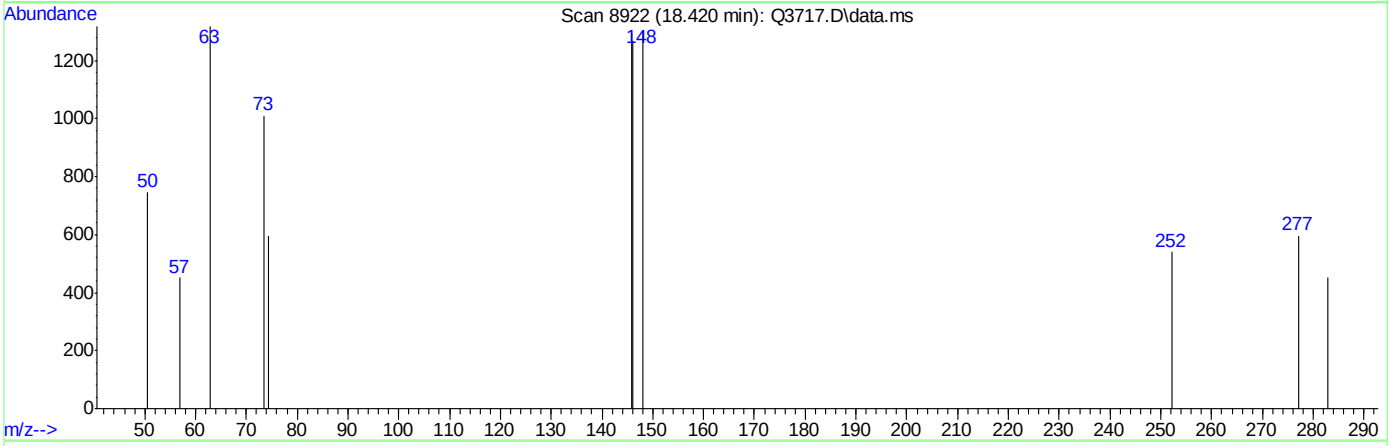
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(71) o-DICHLOROBENZENE (m)

18.420min (-0.004) 0.09PPBV m

response 1606

Ion	Exp%	Act%
146.00	100	100
148.00	64.40	105.92#
111.00	40.90	0.00#
0.00	0.00	0.00

ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
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Acq On : 14 Jun 2007 1:43 pm
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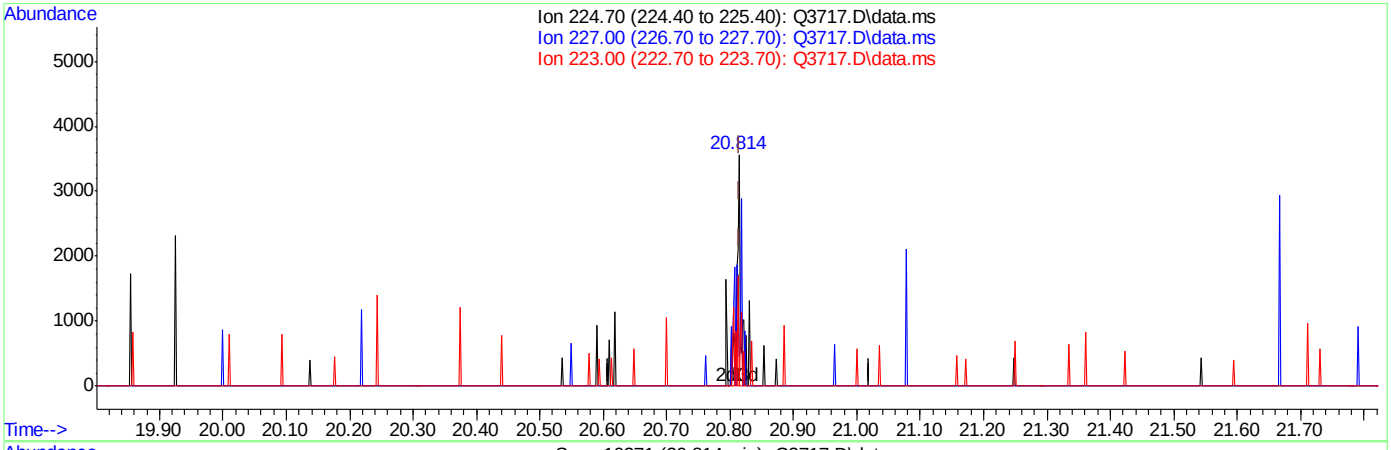
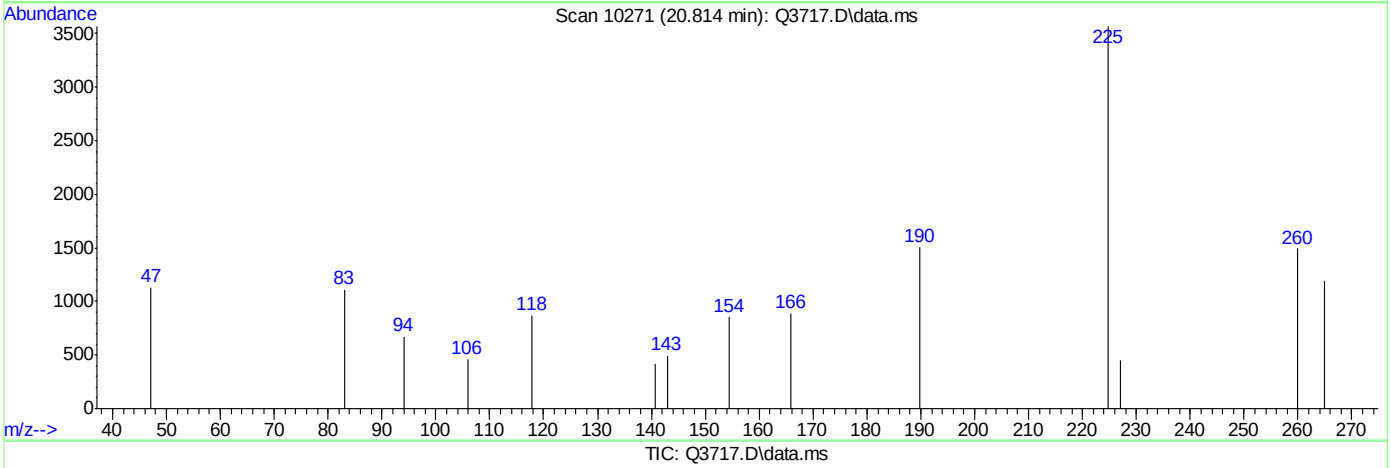




TIC: Q3717.D\data.ms

(72) HEXACHLOROBUTADIENE (m)

20.814min (-0.001) 0.14PPBV

response 1348

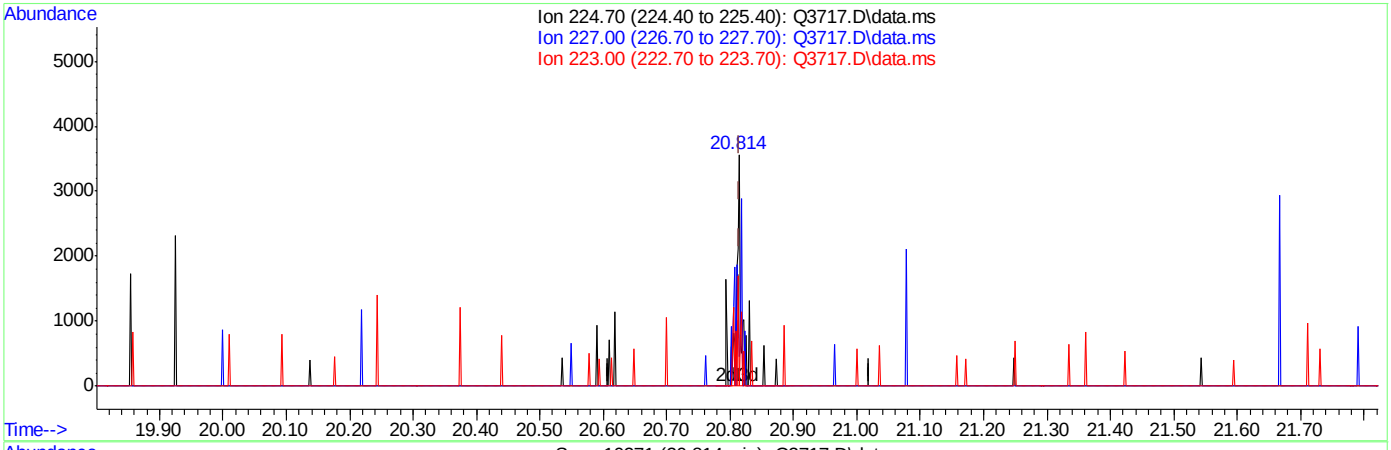
Ion	Exp%	Act%
224.70	100	100
227.00	65.40	31.45#
223.00	64.50	49.33
0.00	0.00	0.00

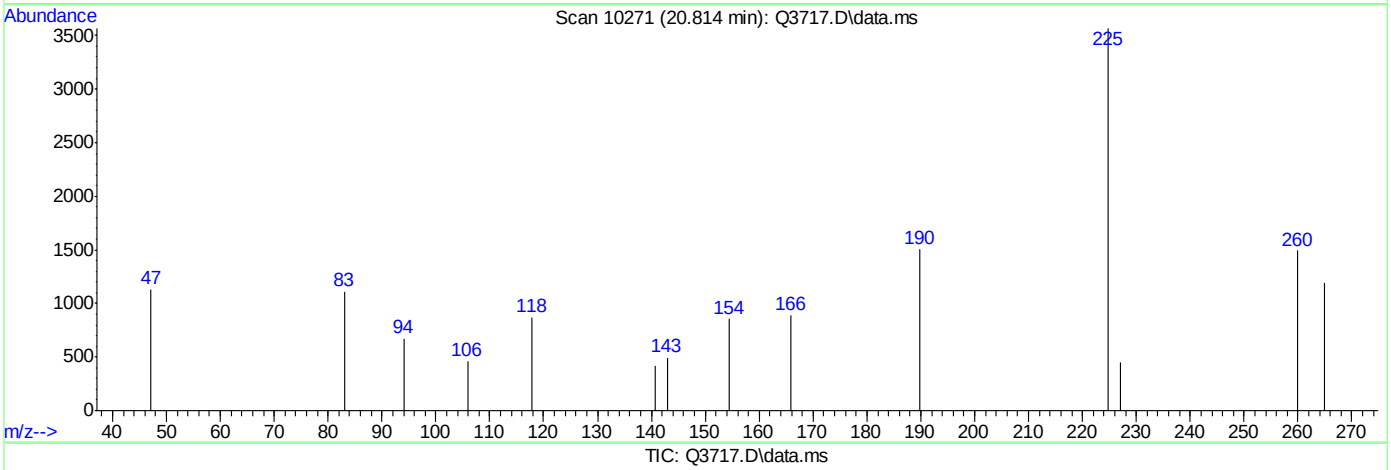
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:27:05 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(72) HEXACHLOROBUTADIENE (m)

20.814min (-0.001) 0.20PPBV m

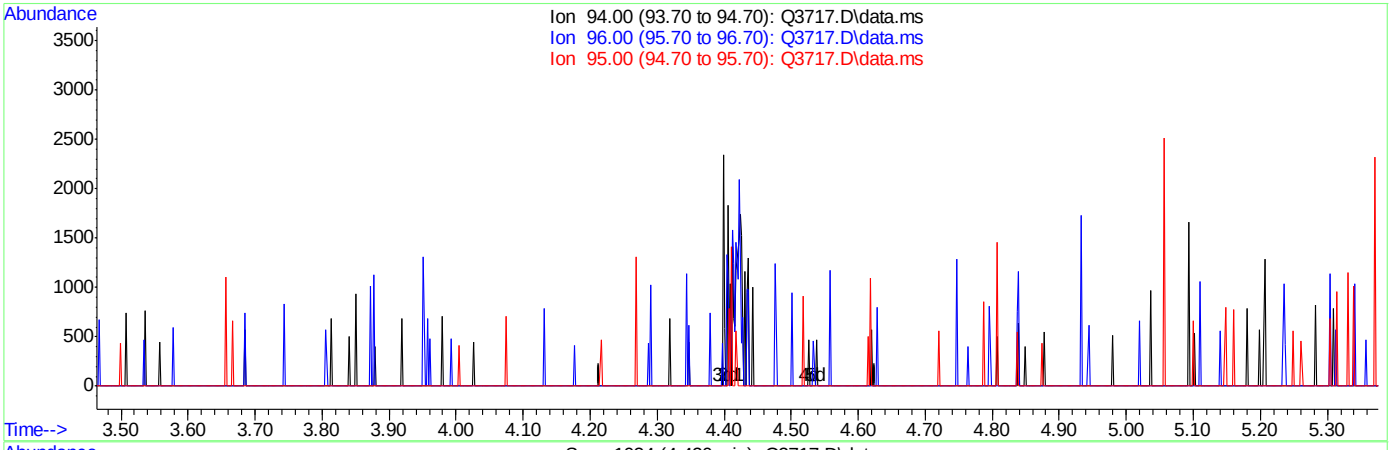
response 1924

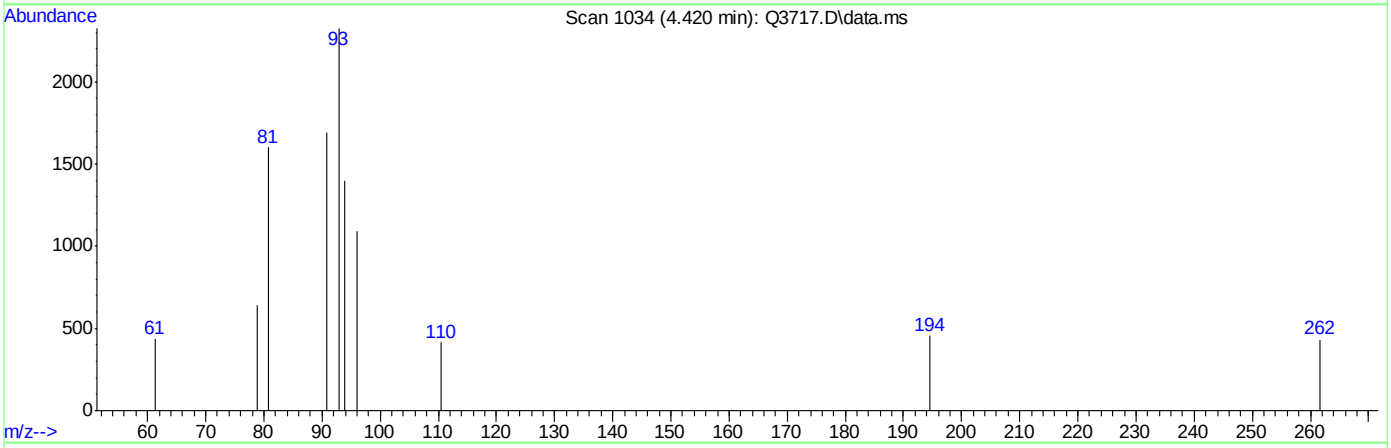
Ion	Exp%	Act%
224.70	100	100
227.00	65.40	22.04#
223.00	64.50	34.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:32:58 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(8) BROMOMETHANE (m)

4.420min 0.00PPBV d

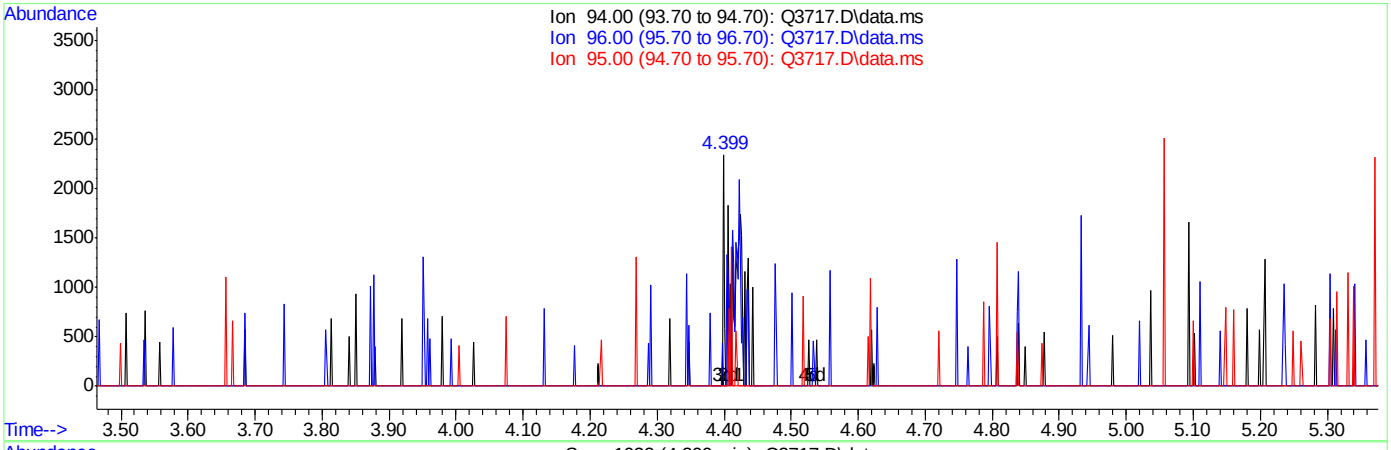
response 0

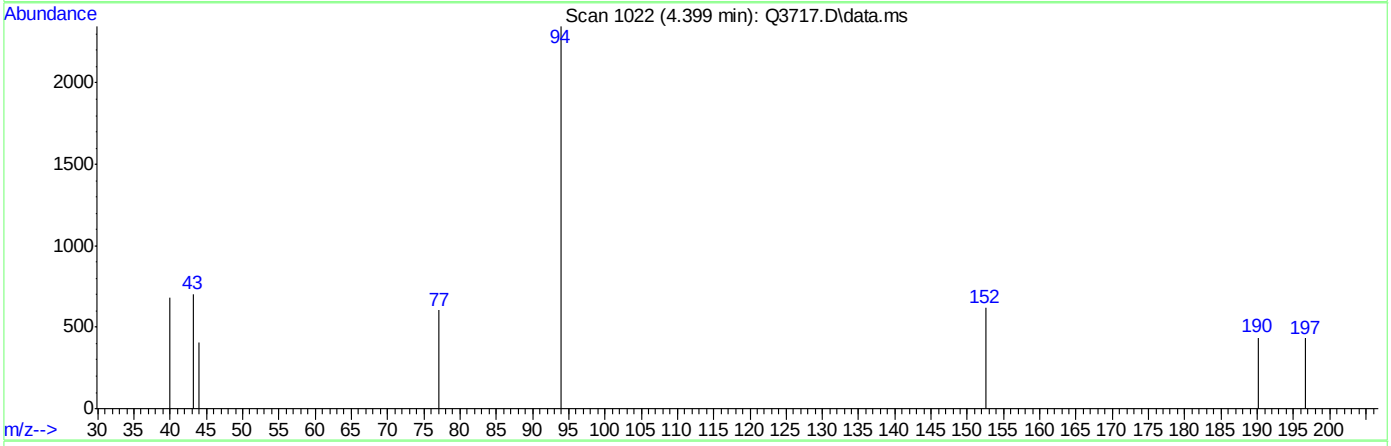
Ion	Exp%	Act%
94.00	100	0.00
96.00	0.00	0.00
95.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3717.D
Acq On : 14 Jun 2007 1:43 pm
Operator : PhilipB
Sample : IC201-.2 (M068)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 14 14:32:58 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:26:35 2007
Response via : Initial Calibration





TIC: Q3717.D\data.ms

(8) BROMOMETHANE (m)

4.399min (-0.021) 0.25PPBV m

response 2282

Ion	Exp%	Act%
94.00	100	100
96.00	0.00	0.00
95.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 06/15/07 16:35

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3718.D
Acq On : 14 Jun 2007 2:23 pm
Operator : PhilipB
Sample : IC201-10 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 14:52:59 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 14:33:18 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.438	128	55508	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.350	114	276195	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.700	117	224739	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.332	95	122120	6.05	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 121.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.613	85	379924	7.63	PPBV	81
3) PROPYLENE	3.545	41	47813	7.39	PPBV	90
4) FREON 114	3.877	85	323167	7.81	PPBV #	100
5) CHLOROMETHANE	3.779	50	57655	7.66	PPBV	92
6) VINYL CHLORIDE	4.000	62	76601	7.87	PPBV	76
7) 1,3-BUTADIENE	4.140	39	67275	7.77	PPBV #	100
8) BROMOMETHANE	4.415	94	76284	7.12	PPBV #	100
9) CHLOROETHANE	4.591	64	33240	8.36	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.405	101	495663	9.42	PPBV #	100
11) ISOPROPYL ALCOHOL	5.476	45	122407	7.55	PPBV	98
12) ACETONE	5.210	43	156823	8.51	PPBV	81
13) PENTANE	5.783	42	75444	9.75	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.083	96	83326	7.65	PPBV #	1
15) CARBON DISULFIDE	6.539	76	262166	9.05	PPBV #	39
16) ETHANOL	4.702	45	18744	8.19	PPBV #	100
17) BROMOETHENE	4.961	106	74964	8.51	PPBV #	100
18) METHYLENE CHLORIDE	6.206	84	109510	7.08	PPBV #	1
19) 3-CHLOROPROPENE	6.335	39	131668	8.81	PPBV #	21
20) FREON 113	6.481	151	168322	9.04	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.198	96	88177	8.98	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.115	59	191615	9.15	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.459	73	257573	8.52	PPBV #	100
24) TETRAHYDROFURAN	8.969	42	59677	8.89	PPBV #	100
25) HEXANE	8.463	57	89091	9.19	PPBV #	100
26) VINYL ACETATE	7.546	43	189657	9.13	PPBV #	93
27) 1,1-DICHLOROETHANE	7.407	63	201491	8.85	PPBV #	100
28) METHYL ETHYL KETONE	7.803	43	135010	9.83	PPBV	84
29) cis-1,2-DICHLOROETHYLENE	8.263	96	65724	9.72	PPBV #	100
30) ETHYL ACETATE	8.477	43	233115	9.57	PPBV	100
31) CHLOROFORM	8.566	83	249624	8.88	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.556	97	260522	8.13	PPBV	95
33) CARBON TETRACHLORIDE	10.163	117	301959	9.18	PPBV	90
34) 1,2-DICHLOROETHANE	9.308	62	167712	8.44	PPBV	94
36) BENZENE	10.018	78	214234	10.03	PPBV	94
37) CYCLOHEXANE	10.293	84	67740	10.36	PPBV	86
38) TRICHLOROETHYLENE	11.058	95	122982	11.07	PPBV #	75
39) 1,2-DICHLOROPROPANE	10.820	63	85854	9.87	PPBV #	75
40) BROMODICHLOROMETHANE	11.017	83	250687	10.67	PPBV	95
41) 2,2,4-TRIMETHYLPENTANE	11.081	57	333256	10.33	PPBV	93
42) 1,4-DIOXANE	11.045	88	40521	9.92	PPBV #	82
43) HEPTANE	11.329	43	107869	10.41	PPBV	96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3718.D
Acq On : 14 Jun 2007 2:23 pm
Operator : PhilipB
Sample : IC201-10 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 14:52:59 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 14:33:18 2007
Response via : Initial Calibration

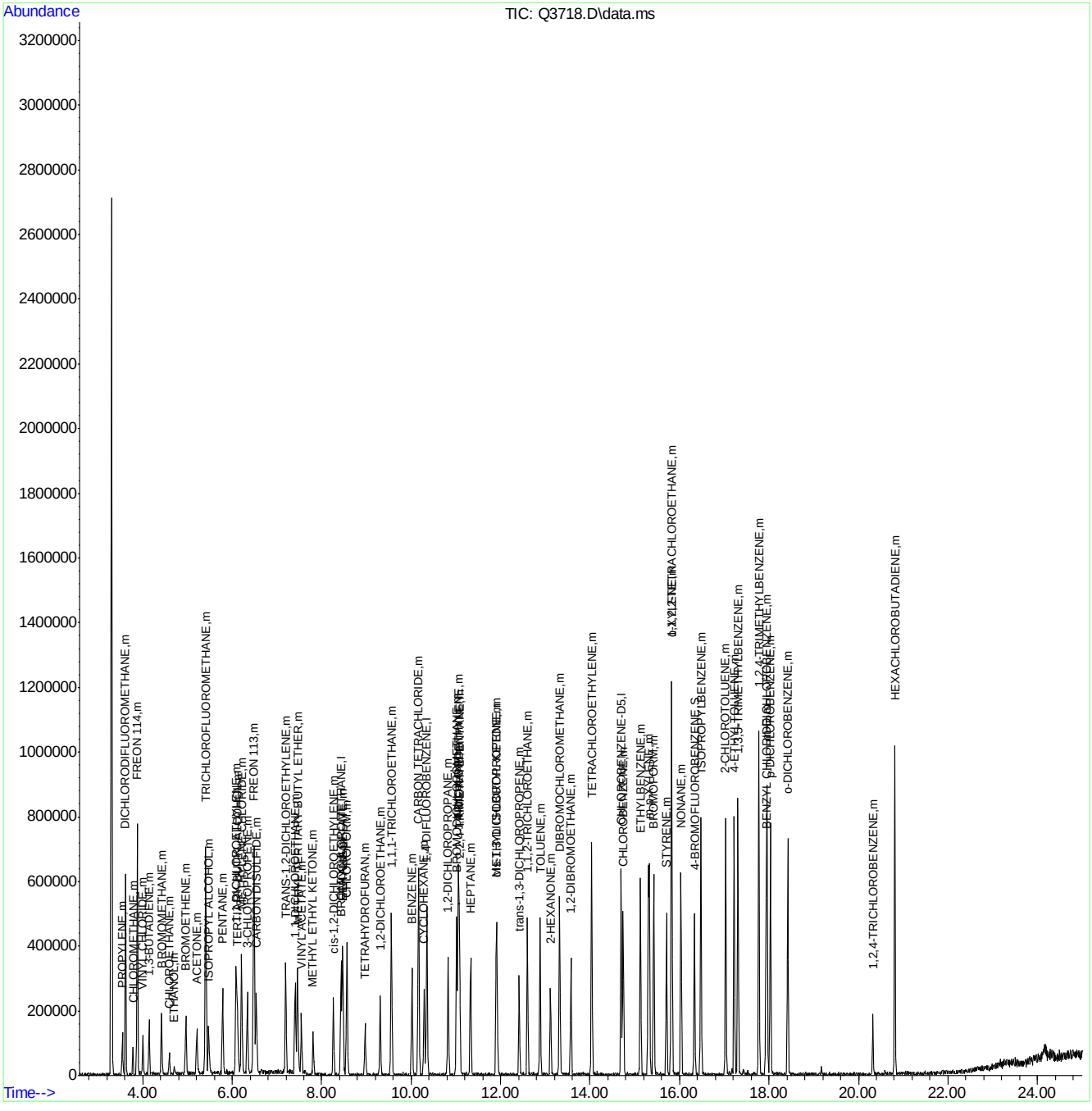
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.917	43	184449	10.49	PPBV	94
45) cis-1,3-DICHLOROPROPENE	11.901	75	141832	10.47	PPBV #	48
46) TOLUENE	12.884	92	148348	10.05	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.416	75	115881	9.95	PPBV #	96
48) 1,1,2-TRICHLOROETHANE	12.600	83	95057	10.15	PPBV	92
50) 2-HEXANONE	13.113	43	158304	12.17	PPBV	98
51) TETRACHLOROETHYLENE	14.038	164	79777	11.01	PPBV	91
52) DIBROMOCHLOROMETHANE	13.319	129	207217	11.95	PPBV	98
53) 1,2-DIBROMOETHANE	13.571	107	158393	11.02	PPBV	98
54) CHLOROBENZENE	14.739	112	177664	10.27	PPBV	84
55) ETHYLBENZENE	15.126	91	340834	11.27	PPBV	95
56) m,p-XYLENE	15.303	106	241779m	22.26	PPBV	
57) o-XYLENE	15.823	106	131952	11.77	PPBV #	85
58) STYRENE	15.706	104	171407	12.37	PPBV	91
59) NONANE	16.034	43	205617	12.25	PPBV	95
60) BROMOFORM	15.422	173	187321	11.66	PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.816	83	257762	11.83	PPBV	95
63) ISOPROPYLBENZENE	16.478	105	425150	13.07	PPBV	92
64) 2-CHLOROTOLUENE	17.030	91	335908	13.77	PPBV	87
65) 4-ETHYLTOLUENE	17.220	105	383701	14.00	PPBV	94
66) 1,3,5-TRIMETHYLBENZENE	17.305	105	380836	13.90	PPBV	90
67) 1,2,4-TRIMETHYLBENZENE	17.774	105	449347	16.51	PPBV	92
68) m-DICHLOROBENZENE	17.956	146	241034	16.04	PPBV	98
69) BENZYL CHLORIDE	17.933	91	274954	16.15	PPBV	94
70) p-DICHLOROBENZENE	18.031	146	208532	15.89	PPBV	94
71) o-DICHLOROBENZENE	18.418	146	180061	13.14	PPBV	96
72) HEXACHLOROBUTADIENE	20.808	225	88495	10.96	PPBV	95
73) 1,2,4-TRICHLOROBENZENE	20.326	180	27404	14.49	PPBV	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3718.D
Acq On : 14 Jun 2007 2:23 pm
Operator : PhilipB
Sample : IC201-10 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

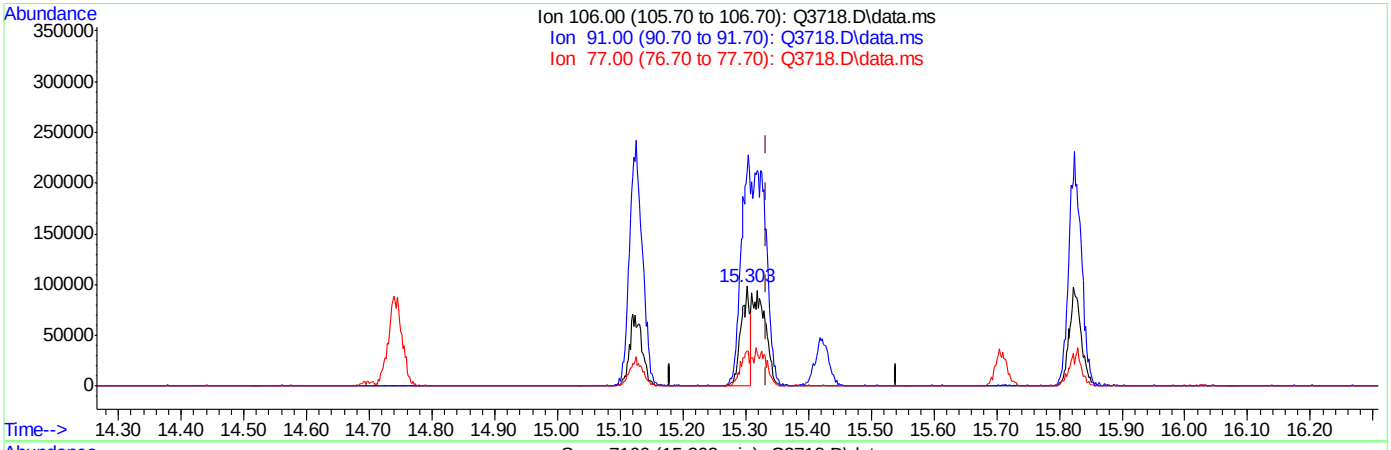
Quant Time: Jun 14 14:52:59 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 14:33:18 2007
Response via : Initial Calibration

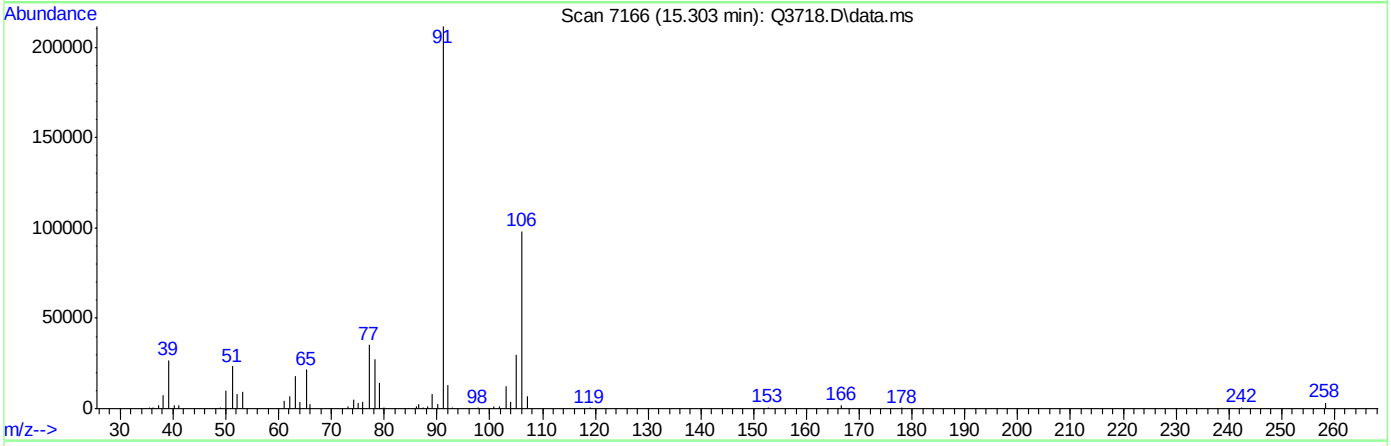


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3718.D
Acq On : 14 Jun 2007 2:23 pm
Operator : PhilipB
Sample : IC201-10 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 14:52:42 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 14:33:18 2007
Response via : Initial Calibration





TIC: Q3718.D\data.ms

(56) m,p-XYLENE (m)

15.303min (-0.031) 9.49PPBV

response 103098

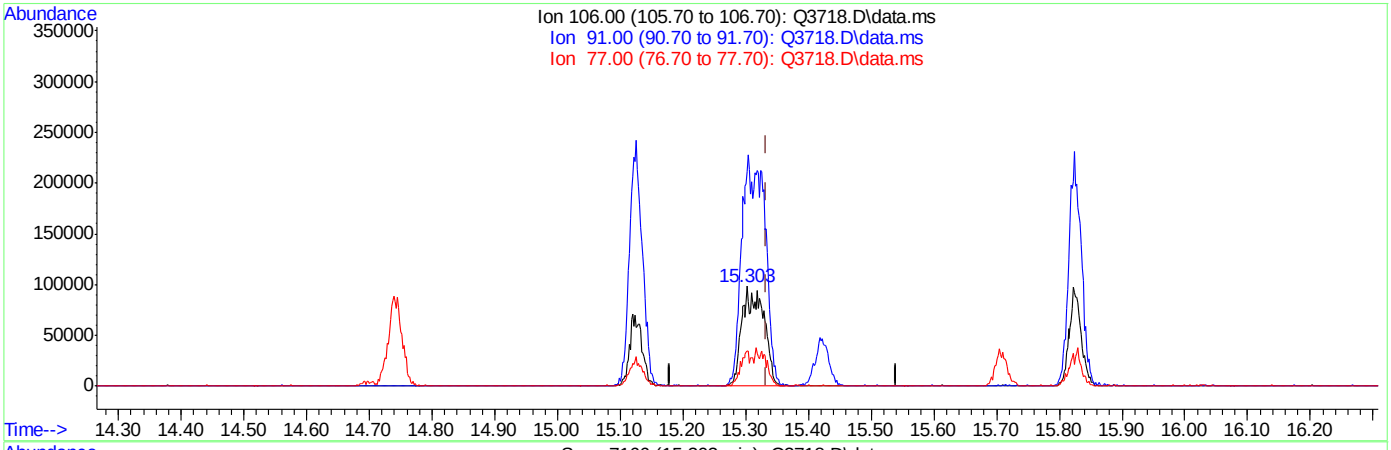
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	215.34
77.00	30.60	35.80
0.00	0.00	0.00

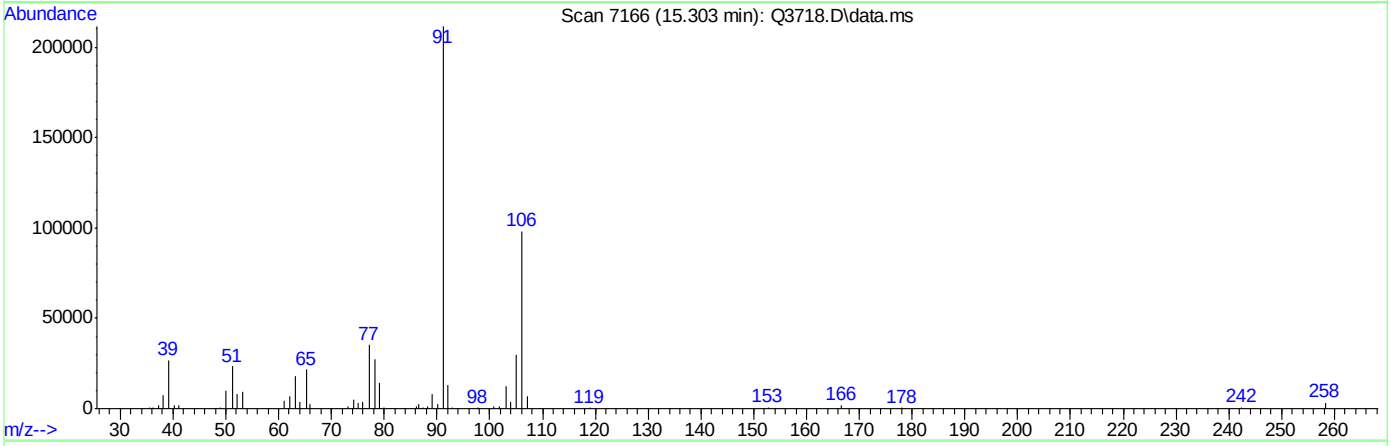
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3718.D
Acq On : 14 Jun 2007 2:23 pm
Operator : PhilipB
Sample : IC201-10 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 14:52:42 2007
Quant Method : C:\msdchem\1\METHODS\Q061307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 14:33:18 2007
Response via : Initial Calibration





TIC: Q3718.D\data.ms

(56) m,p-XYLENE (m)

15.303min (-0.031) 22.26PPBV m

response 241779

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	215.34
77.00	30.60	35.80
0.00	0.00	0.00

ACCUTEST Laboratories M65803

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
06/15/07 16:35

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3719.D
Acq On : 14 Jun 2007 3:04 pm
Operator : PhilipB
Sample : IC201-5 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:14:55 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:25:43 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.429	128	53414	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.351	114	291132	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.692	117	284714	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.334	95	126341	4.96	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 99.20%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.611	85	255685	5.37	PPBV	84
3) PROPYLENE	3.538	41	37896	6.07	PPBV	92
4) FREON 114	3.879	85	173903	4.39	PPBV #	100
5) CHLOROMETHANE	3.779	50	37892	5.25	PPBV	90
6) VINYL CHLORIDE	3.998	62	43186	4.63	PPBV	76
7) 1,3-BUTADIENE	4.141	39	37997	4.60	PPBV #	100
8) BROMOMETHANE	4.422	94	48942	4.82	PPBV #	100
9) CHLOROETHANE	4.590	64	20031	5.33	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.409	101	205642	4.11	PPBV #	100
11) ISOPROPYL ALCOHOL	5.473	45	52817	3.48	PPBV	92
12) ACETONE	5.212	43	73969	4.31	PPBV	84
13) PENTANE	5.783	42	32220	4.42	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.083	96	37009m	3.60	PPBV	
15) CARBON DISULFIDE	6.539	76	124201	4.54	PPBV #	38
16) ETHANOL	4.706	45	13709	6.24	PPBV #	100
17) BROMOETHENE	4.965	106	35492	4.28	PPBV #	100
18) METHYLENE CHLORIDE	6.209	84	54900	3.73	PPBV #	1
19) 3-CHLOROPROPENE	6.335	39	60988	4.32	PPBV #	18
20) FREON 113	6.486	151	77261	4.39	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.194	96	42519	4.61	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.111	59	86501	4.41	PPBV	100
23) METHYL TERTIARY BUTYL ...	7.457	73	127460	4.46	PPBV #	100
24) TETRAHYDROFURAN	8.972	42	31058	4.93	PPBV #	100
25) HEXANE	8.472	57	45826	4.96	PPBV #	100
26) VINYL ACETATE	7.551	43	86983	4.47	PPBV	91
27) 1,1-DICHLOROETHANE	7.404	63	102218	4.72	PPBV #	100
28) METHYL ETHYL KETONE	7.810	43	61314	4.69	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.262	96	30474	4.76	PPBV #	100
30) ETHYL ACETATE	8.472	43	112211	4.81	PPBV	100
31) CHLOROFORM	8.561	83	116821	4.35	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.556	97	124501	4.08	PPBV	92
33) CARBON TETRACHLORIDE	10.163	117	139005	4.41	PPBV	86
34) 1,2-DICHLOROETHANE	9.310	62	79751	4.23	PPBV	93
36) BENZENE	10.014	78	49446	2.20	PPBV #	59
37) CYCLOHEXANE	10.293	84	35281	5.12	PPBV	93
38) TRICHLOROETHYLENE	11.056	95	57610	4.93	PPBV #	78
39) 1,2-DICHLOROPROPANE	10.818	63	39556	4.29	PPBV #	79
40) BROMODICHLOROMETHANE	11.017	83	126877	5.12	PPBV	91
41) 2,2,4-TRIMETHYLPENTANE	11.077	57	156460	4.57	PPBV	92
42) 1,4-DIOXANE	11.045	88	18672	4.37	PPBV #	76
43) HEPTANE	11.324	43	55461	5.10	PPBV	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3719.D
Acq On : 14 Jun 2007 3:04 pm
Operator : PhilipB
Sample : IC201-5 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:14:55 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:25:43 2007
Response via : Initial Calibration

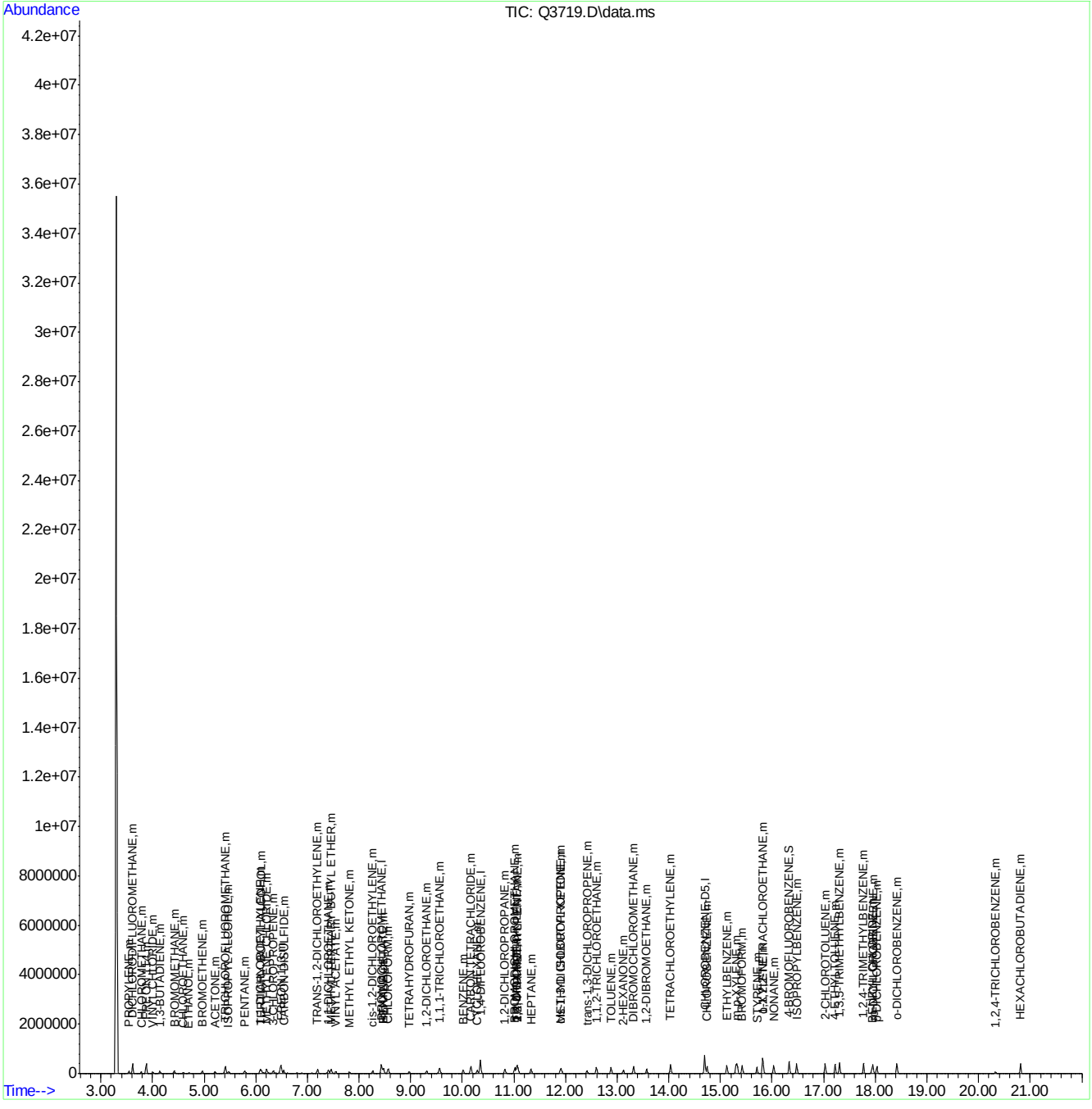
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.915	43	88903	4.81	PPBV		96
45) cis-1,3-DICHLOROPROPENE	11.903	75	62060	4.34	PPBV		92
46) TOLUENE	12.882	92	73808	4.74	PPBV		96
47) trans-1,3-DICHLOROPROPENE	12.417	75	50706	4.18	PPBV	#	99
48) 1,1,2-TRICHLOROETHANE	12.598	83	51461	5.17	PPBV		87
50) 2-HEXANONE	13.116	43	76882	4.64	PPBV		94
51) TETRACHLOROETHYLENE	14.036	164	44400	4.84	PPBV		92
52) DIBROMOCHLOROMETHANE	13.321	129	101474	4.60	PPBV		99
53) 1,2-DIBROMOETHANE	13.569	107	84046	4.64	PPBV		93
54) CHLOROBENZENE	14.739	112	110857	5.03	PPBV		87
55) ETHYLBENZENE	15.127	91	191674	5.04	PPBV		97
56) m,p-XYLENE	15.296	106	148441m	10.80	PPBV		
57) o-XYLENE	15.830	106	67562	4.69	PPBV	#	82
58) STYRENE	15.704	104	84848	4.80	PPBV		92
59) NONANE	16.027	43	107355	5.03	PPBV		91
60) BROMOFORM	15.418	173	98649	4.87	PPBV		95
62) 1,1,2,2-TETRACHLOROETHANE	15.814	83	133687	4.79	PPBV		95
63) ISOPROPYLBENZENE	16.474	105	198419	4.78	PPBV		94
64) 2-CHLOROTOLUENE	17.026	91	165926	5.32	PPBV		86
65) 4-ETHYLTOLUENE	17.220	105	189195	5.42	PPBV		92
66) 1,3,5-TRIMETHYLBENZENE	17.303	105	192131	5.51	PPBV		93
67) 1,2,4-TRIMETHYLBENZENE	17.768	105	163953	4.78	PPBV		91
68) m-DICHLOROBENZENE	17.956	146	85410	4.37	PPBV		95
69) BENZYL CHLORIDE	17.933	91	95720	4.39	PPBV		94
70) p-DICHLOROBENZENE	18.027	146	73460	4.47	PPBV		93
71) o-DICHLOROBENZENE	18.419	146	100552	5.80	PPBV		95
72) HEXACHLOROBUTADIENE	20.814	225	36188	3.62	PPBV		95
73) 1,2,4-TRICHLOROBENZENE	20.322	180	15466	6.72	PPBV		80

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3719.D
Acq On : 14 Jun 2007 3:04 pm
Operator : PhilipB
Sample : IC201-5 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

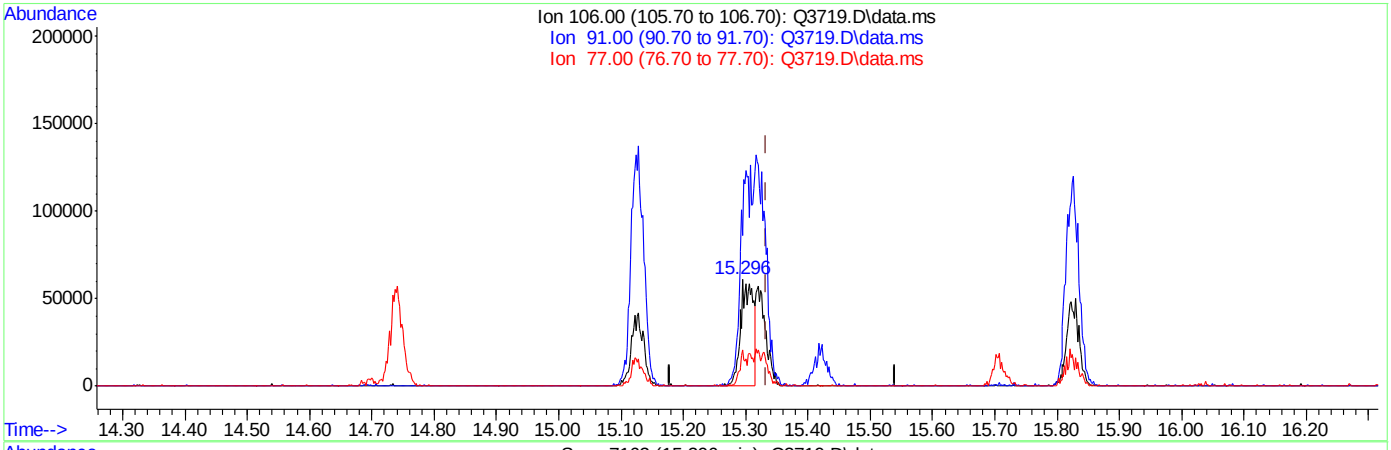
Quant Time: Jun 14 16:14:55 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:25:43 2007
Response via : Initial Calibration

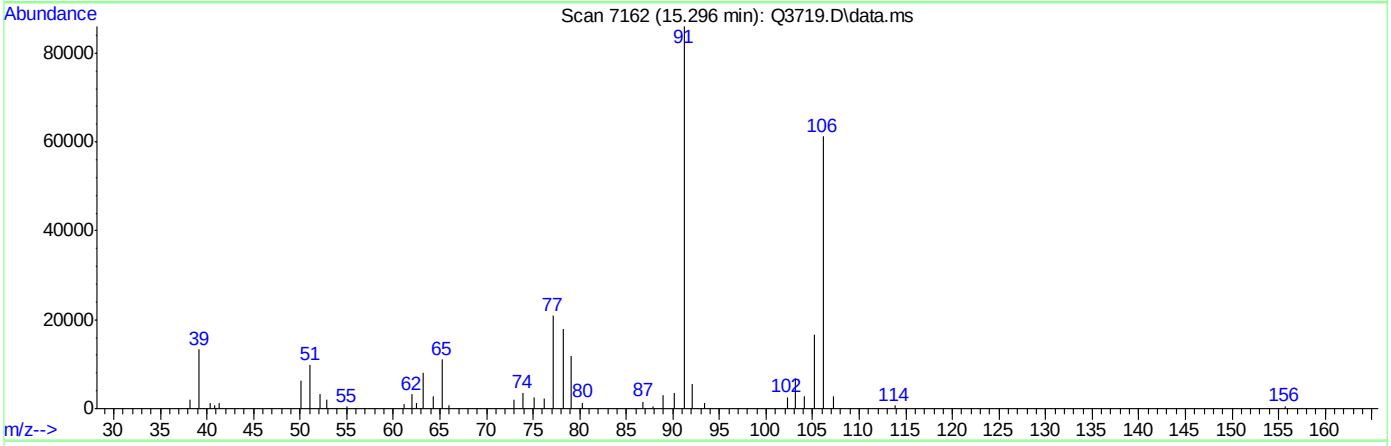


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3719.D
Acq On : 14 Jun 2007 3:04 pm
Operator : PhilipB
Sample : IC201-5 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 15:26:57 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:25:43 2007
Response via : Initial Calibration





TIC: Q3719.D\data.ms

(56) m,p-XYLENE (m)

15.296min (-0.038) 6.35PPBV

response 87307

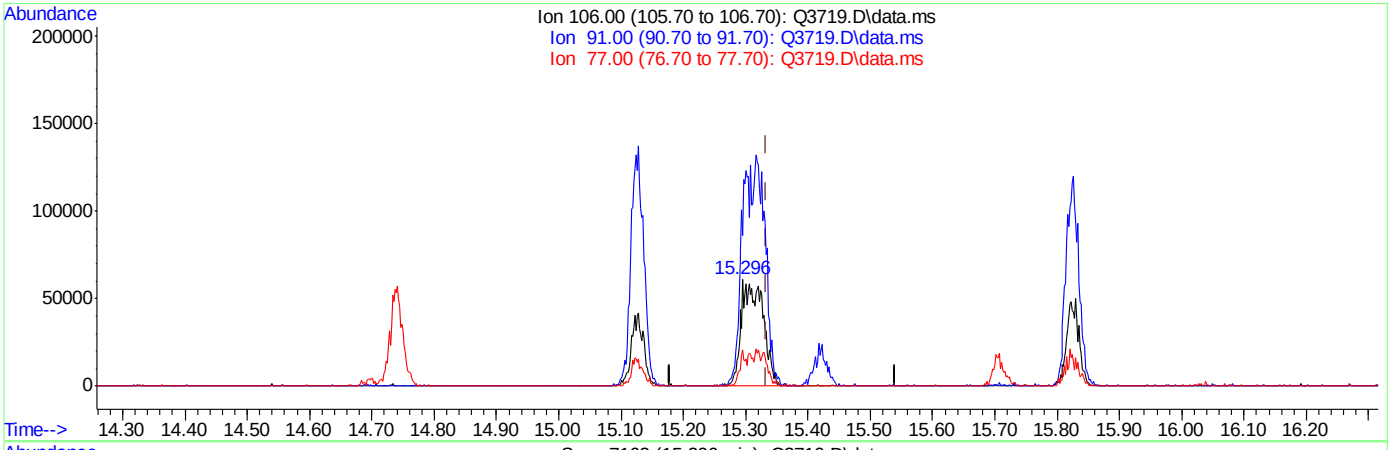
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	140.53#
77.00	30.60	34.08
0.00	0.00	0.00

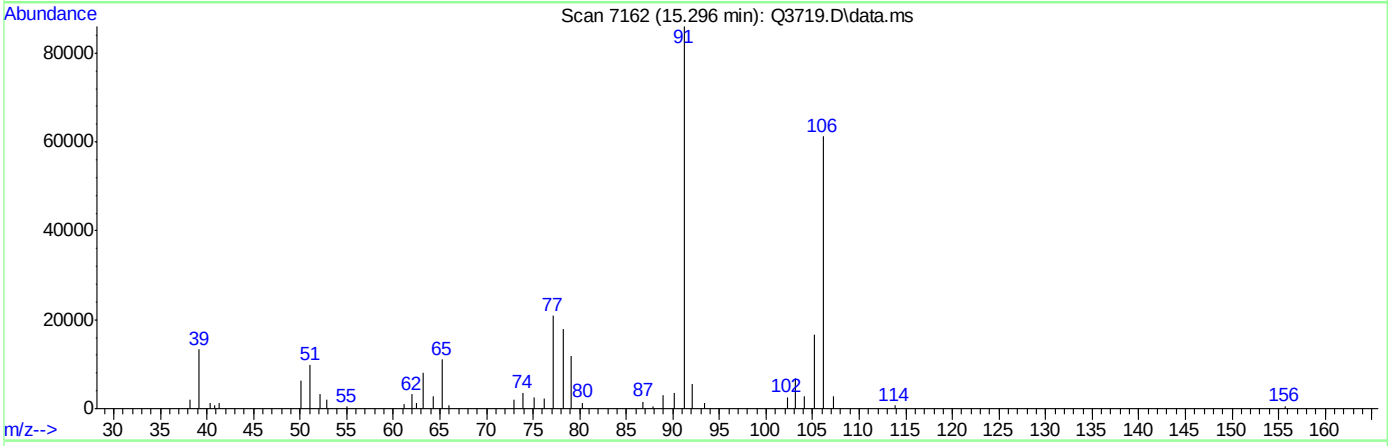
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3719.D
Acq On : 14 Jun 2007 3:04 pm
Operator : PhilipB
Sample : IC201-5 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 15:26:57 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:25:43 2007
Response via : Initial Calibration





TIC: Q3719.D\data.ms

(56) m,p-XYLENE (m)

15.296min (-0.038) 10.80PPBV m

response 148441

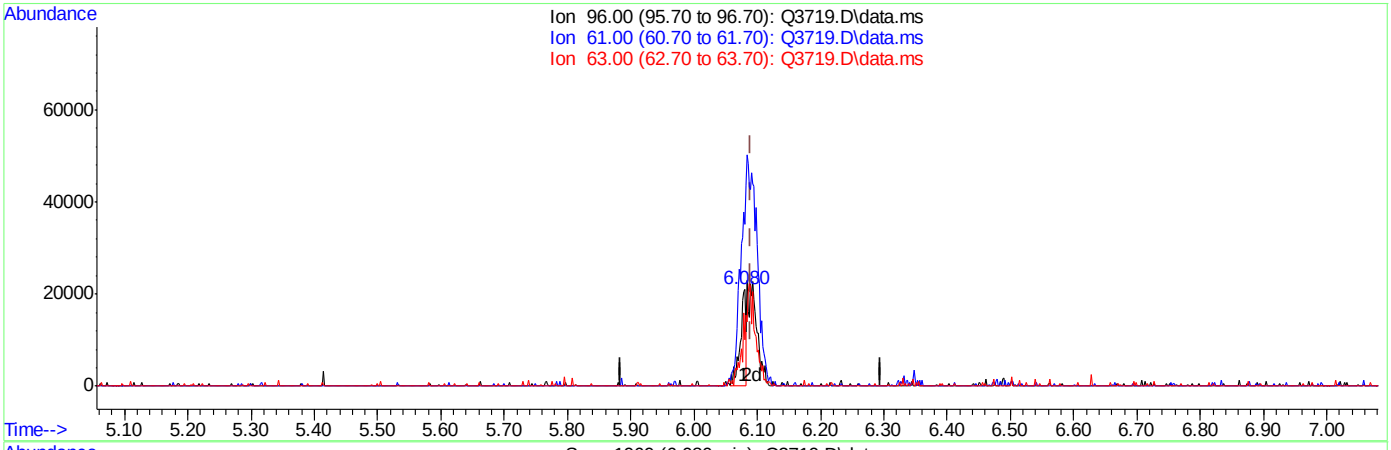
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	140.53#
77.00	30.60	34.08
0.00	0.00	0.00

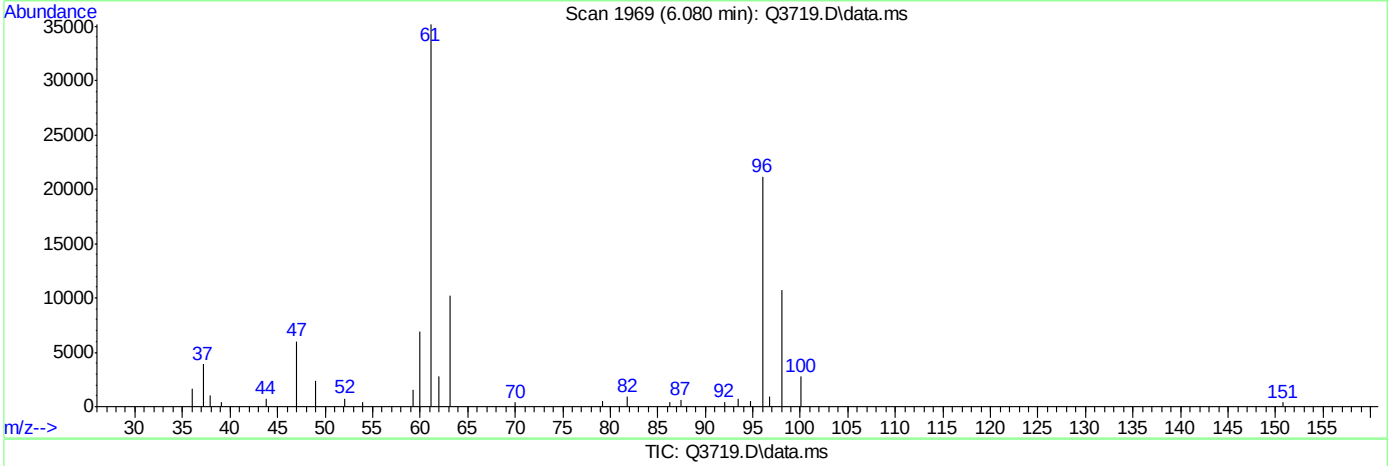
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3719.D
Acq On : 14 Jun 2007 3:04 pm
Operator : PhilipB
Sample : IC201-5 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 15:27:19 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:25:43 2007
Response via : Initial Calibration





TIC: Q3719.D\data.ms

(14) 1,1-DICHLOROETHYLENE (m)

6.080min (-0.011) 1.27PPBV

response 13060

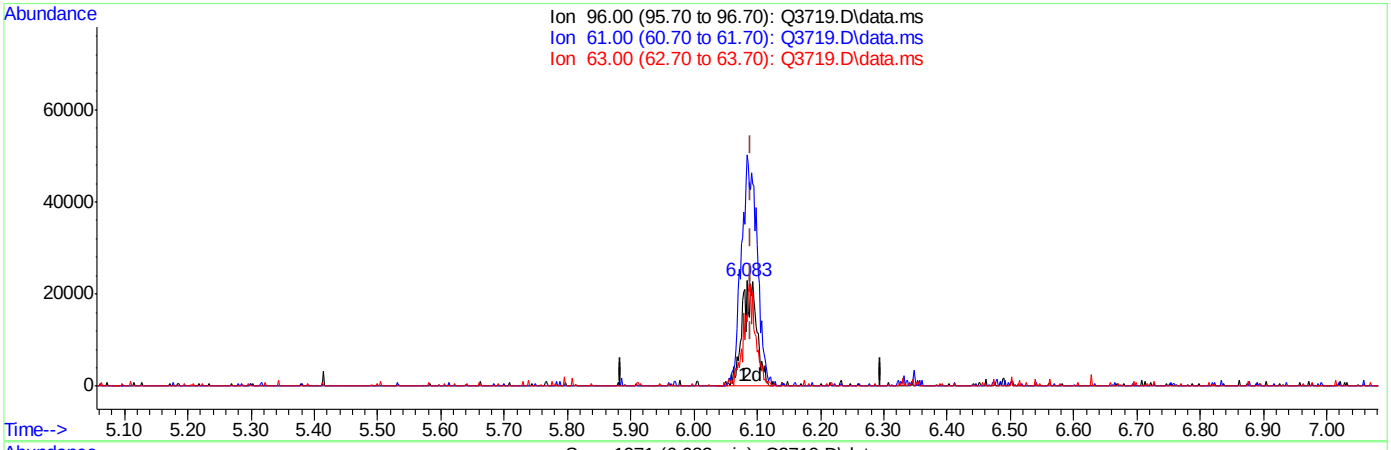
Ion	Exp%	Act%
96.00	100	100
61.00	0.10	665.26#
63.00	0.00	221.75#
0.00	0.00	0.00

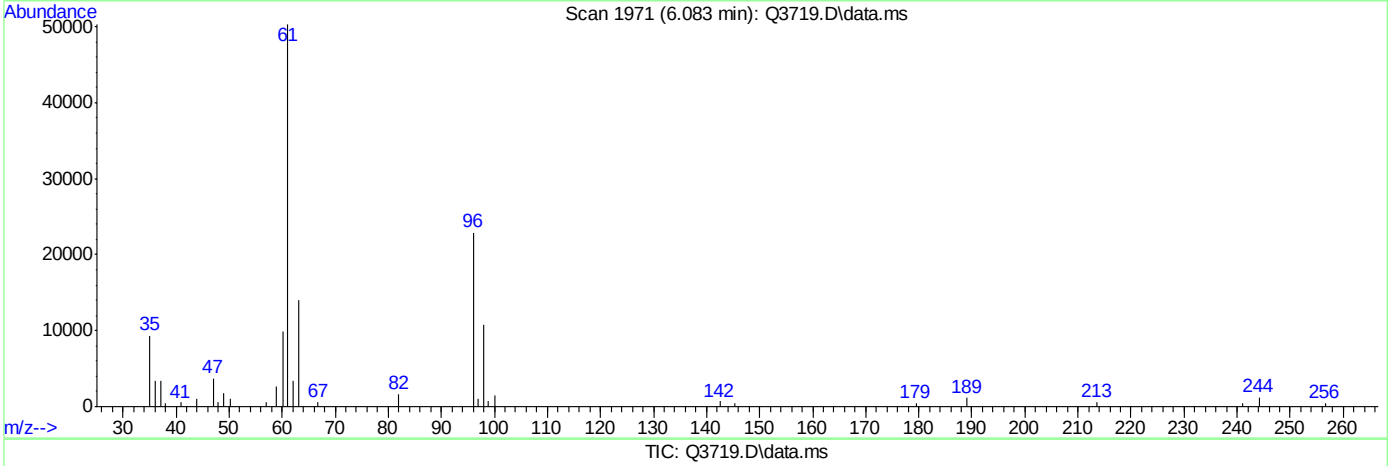
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3719.D
Acq On : 14 Jun 2007 3:04 pm
Operator : PhilipB
Sample : IC201-5 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 15:27:19 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:25:43 2007
Response via : Initial Calibration





TIC: Q3719.D\data.ms

(14) 1,1-DICHLOROETHYLENE (m)

6.083min (-0.007) 3.60PPBV m

response 37009

Ion	Exp%	Act%
96.00	100	100
61.00	0.10	234.76#
63.00	0.00	78.25#
0.00	0.00	0.00

ACCUTEST Laboratories M65803

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 06/15/07 16:35

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On : 14 Jun 2007 3:41 pm
Operator : PhilipB
Sample : IC201-2 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:13:24 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.431	128	52758	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.346	114	260467	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.694	117	210137	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.332	95	93089	5.01	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 100.20%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.613	85	99182	2.13	PPBV	84
3) PROPYLENE	3.543	41	12215	2.05	PPBV	88
4) FREON 114	3.879	85	91146	2.41	PPBV #	100
5) CHLOROMETHANE	3.785	50	19064	2.82	PPBV #	50
6) VINYL CHLORIDE	4.001	62	22315	2.52	PPBV	77
7) 1,3-BUTADIENE	4.145	39	17581m	2.26	PPBV	
8) BROMOMETHANE	4.417	94	20246	2.10	PPBV #	100
9) CHLOROETHANE	4.591	64	9271m	2.64	PPBV	
10) TRICHLOROFLUOROMETHANE	5.405	101	102104	2.10	PPBV #	100
11) ISOPROPYL ALCOHOL	5.471	45	28289	1.93	PPBV	69
12) ACETONE	5.215	43	38230	2.29	PPBV #	78
13) PENTANE	5.785	42	16948	2.37	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.085	96	17706	1.91	PPBV #	3
15) CARBON DISULFIDE	6.537	76	54486	2.03	PPBV #	37
16) ETHANOL	4.708	45	5783m	2.56	PPBV	
17) BROMOETHENE	4.965	106	17703	2.24	PPBV #	100
18) METHYLENE CHLORIDE	6.213	84	28967	1.96	PPBV #	1
19) 3-CHLOROPROPENE	6.335	39	24824	1.81	PPBV #	12
20) FREON 113	6.491	151	33475	1.93	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.198	96	18086	2.01	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.113	59	38130	2.01	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.471	73	55346	2.00	PPBV	100
24) TETRAHYDROFURAN	8.967	42	11531m	1.87	PPBV	
25) HEXANE	8.467	57	19053	2.10	PPBV #	100
26) VINYL ACETATE	7.547	43	31583m	1.70	PPBV	
27) 1,1-DICHLOROETHANE	7.407	63	46530	2.20	PPBV #	100
28) METHYL ETHYL KETONE	7.812	43	22745	1.80	PPBV	84
29) cis-1,2-DICHLOROETHYLENE	8.263	96	10927	1.75	PPBV #	100
30) ETHYL ACETATE	8.476	43	45944	2.00	PPBV #	100
31) CHLOROFORM	8.555	83	53272	2.03	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.553	97	54666m	1.84	PPBV	
33) CARBON TETRACHLORIDE	10.169	117	57971	1.87	PPBV	96
34) 1,2-DICHLOROETHANE	9.308	62	29639	1.61	PPBV	89
36) BENZENE	10.014	78	36606	2.00	PPBV	70
37) CYCLOHEXANE	10.293	84	11424	1.89	PPBV	97
38) TRICHLOROETHYLENE	11.049	95	22326	2.17	PPBV #	79
39) 1,2-DICHLOROPROPANE	10.820	63	14538	1.81	PPBV #	45
40) BROMODICHLOROMETHANE	11.019	83	49684	2.26	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.076	57	60506	2.02	PPBV	88
42) 1,4-DIOXANE	11.045	88	7580m	2.06	PPBV	
43) HEPTANE	11.331	43	19536	2.03	PPBV	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On : 14 Jun 2007 3:41 pm
Operator : PhilipB
Sample : IC201-2 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:13:24 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration

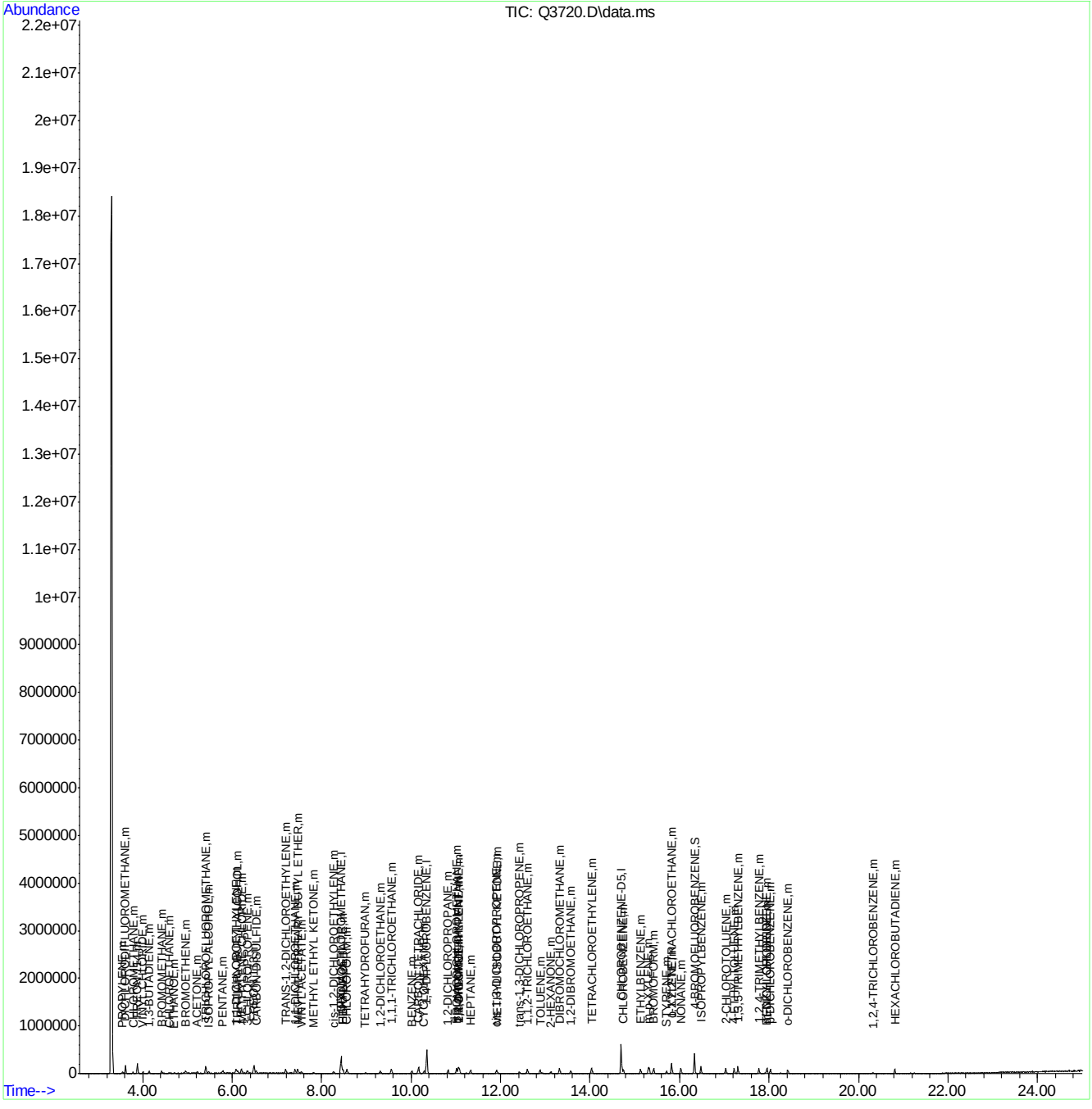
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.922	43	25217	1.56	PPBV		91
45) cis-1,3-DICHLOROPROPENE	11.896	75	19298m	1.54	PPBV		
46) TOLUENE	12.884	92	21552	1.56	PPBV	#	45
47) trans-1,3-DICHLOROPROPENE	12.424	75	15987	1.52	PPBV	#	69
48) 1,1,2-TRICHLOROETHANE	12.589	83	18462m	2.08	PPBV		
50) 2-HEXANONE	13.111	43	18428m	1.55	PPBV		
51) TETRACHLOROETHYLENE	14.031	164	14439	2.18	PPBV	#	87
52) DIBROMOCHLOROMETHANE	13.319	129	35227	2.21	PPBV		95
53) 1,2-DIBROMOETHANE	13.573	107	26260	2.01	PPBV		97
54) CHLOROBENZENE	14.735	112	34544	2.13	PPBV		82
55) ETHYLBENZENE	15.124	91	48456	1.76	PPBV		97
56) m,p-XYLENE	15.298	106	40335m	4.01	PPBV		
57) o-XYLENE	15.825	106	20683	1.99	PPBV	#	81
58) STYRENE	15.708	104	19968	1.58	PPBV		99
59) NONANE	16.031	43	31600	2.06	PPBV		96
60) BROMOFORM	15.418	173	30453	2.06	PPBV		93
62) 1,1,2,2-TETRACHLOROETHANE	15.818	83	41566	2.06	PPBV		93
63) ISOPROPYLBENZENE	16.478	105	66490	2.23	PPBV		91
64) 2-CHLOROTOLUENE	17.032	91	39270	1.76	PPBV		88
65) 4-ETHYLTOLUENE	17.218	105	47586	1.99	PPBV		99
66) 1,3,5-TRIMETHYLBENZENE	17.300	105	52404	2.20	PPBV		93
67) 1,2,4-TRIMETHYLBENZENE	17.774	105	35860	1.52	PPBV		96
68) m-DICHLOROBENZENE	17.953	146	24756	1.88	PPBV		90
69) BENZYL CHLORIDE	17.935	91	20062	1.37	PPBV		92
70) p-DICHLOROBENZENE	18.027	146	20783	1.81	PPBV		85
71) o-DICHLOROBENZENE	18.414	146	16352	1.34	PPBV		93
72) HEXACHLOROBUTADIENE	20.814	225	8484	1.19	PPBV		92
73) 1,2,4-TRICHLOROBENZENE	20.333	180	3356m	1.93	PPBV		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On : 14 Jun 2007 3:41 pm
Operator : PhilipB
Sample : IC201-2 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

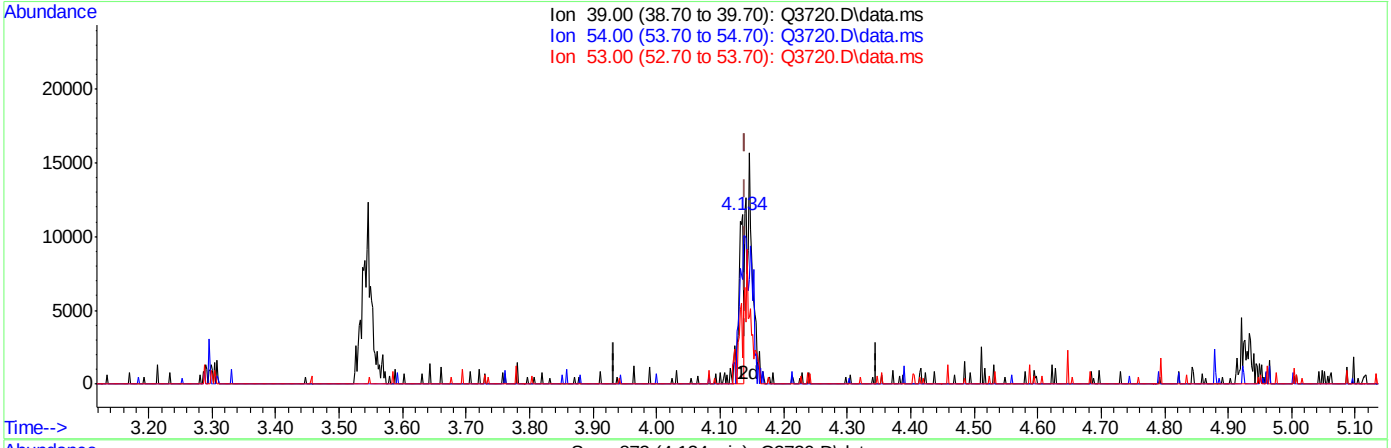
Quant Time: Jun 14 16:13:24 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration

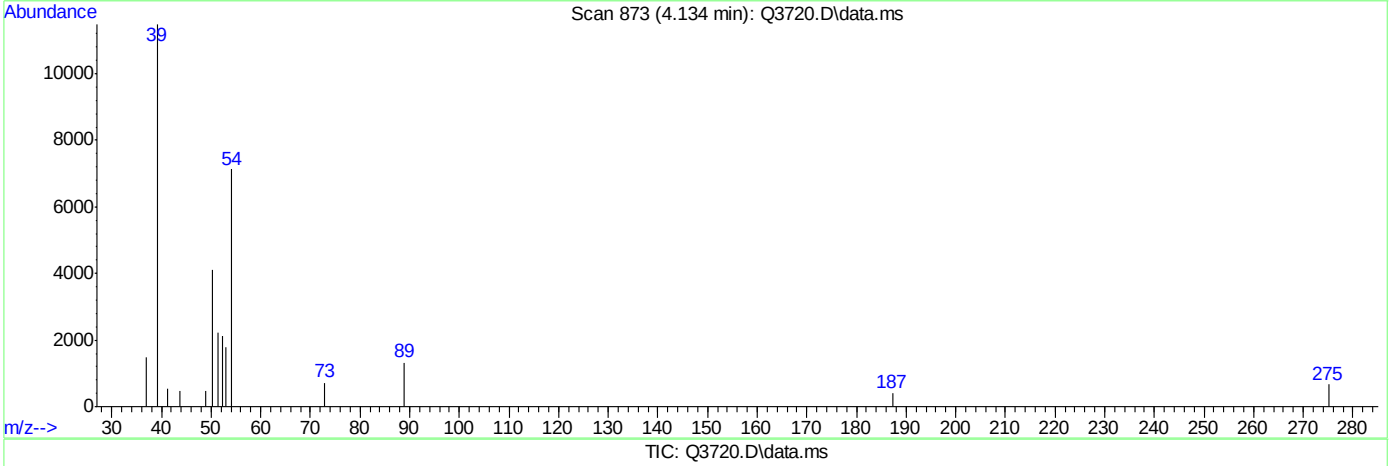


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On : 14 Jun 2007 3:41 pm
Operator : PhilipB
Sample : IC201-2 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:11:27 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration





TIC: Q3720.D\data.ms

(7) 1,3-BUTADIENE (m)

4.134min (-0.005) 0.76PPBV

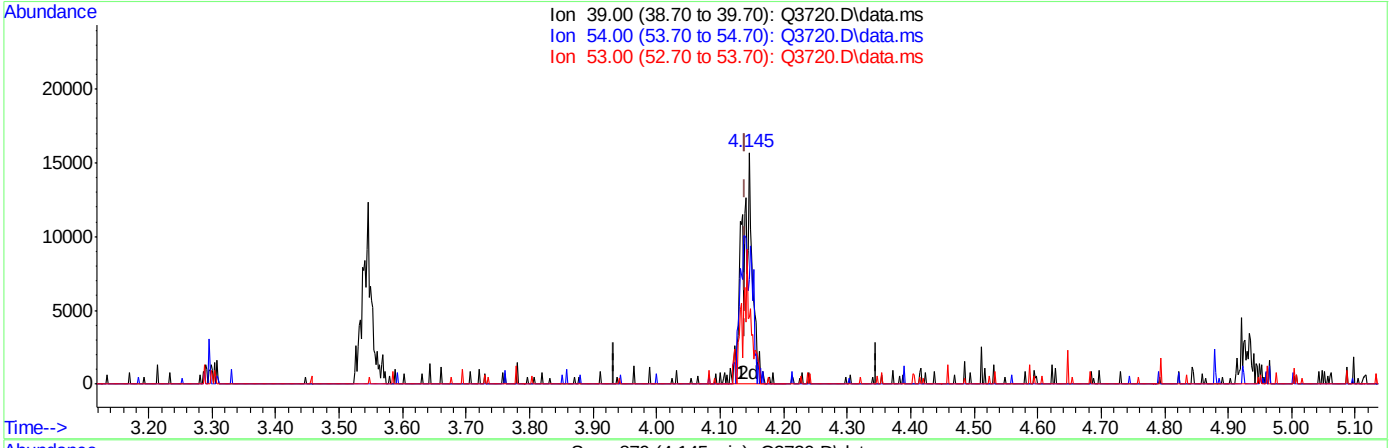
response 5919

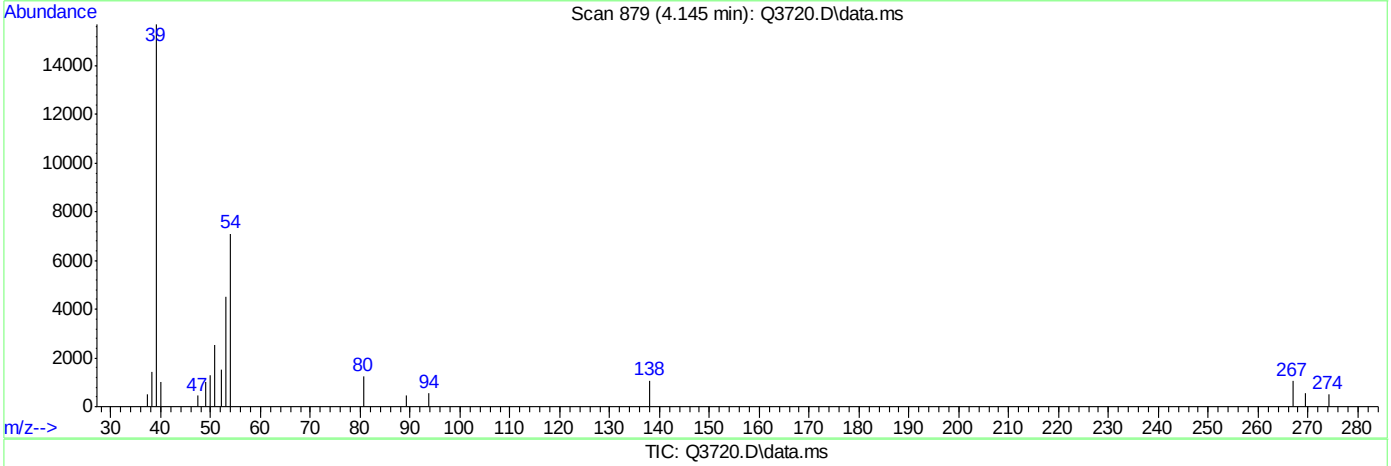
Ion	Exp%	Act%
39.00	100	100
54.00	0.00	225.93#
53.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On : 14 Jun 2007 3:41 pm
Operator : PhilipB
Sample : IC201-2 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:11:27 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration





TIC: Q3720.D\data.ms

(7) 1,3-BUTADIENE (m)

4.145min (+0.005) 2.26PPBV m

response 17581

Ion	Exp%	Act%
39.00	100	100
54.00	0.00	76.07#
53.00	0.00	0.00
0.00	0.00	0.00

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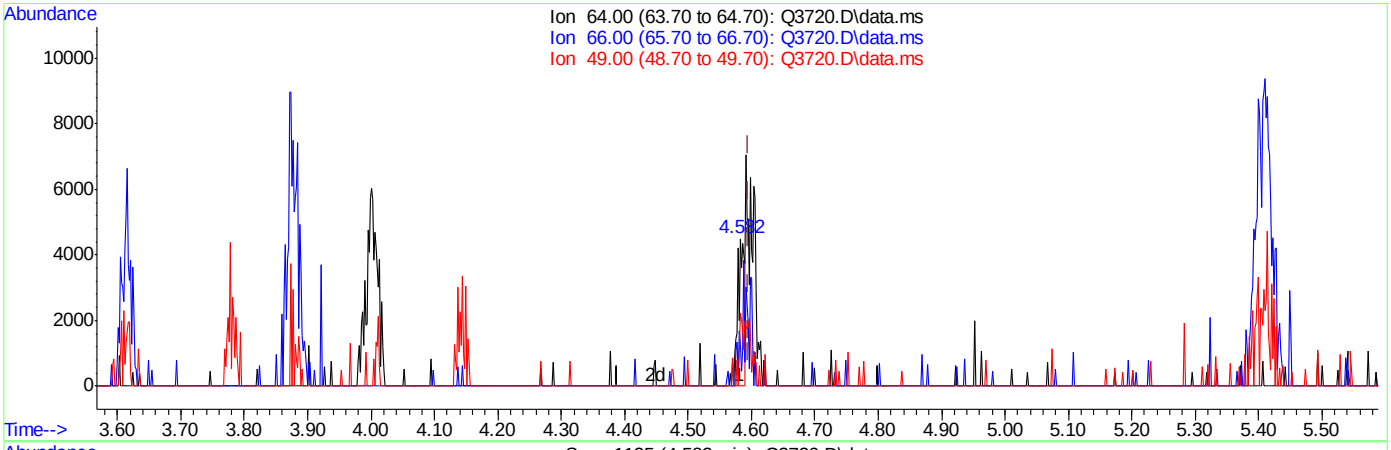
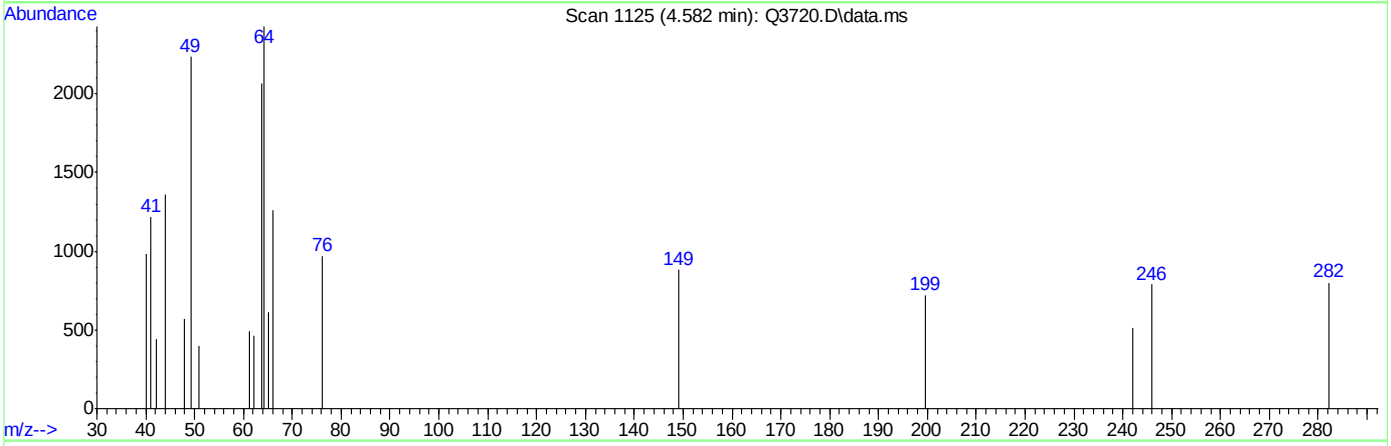
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On : 14 Jun 2007 3:41 pm
Operator : PhilipB
Sample : IC201-2 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:11:27 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration





TIC: Q3720.D\data.ms

(9) CHLOROETHANE (m)

4.582min (-0.013) 0.95PPBV

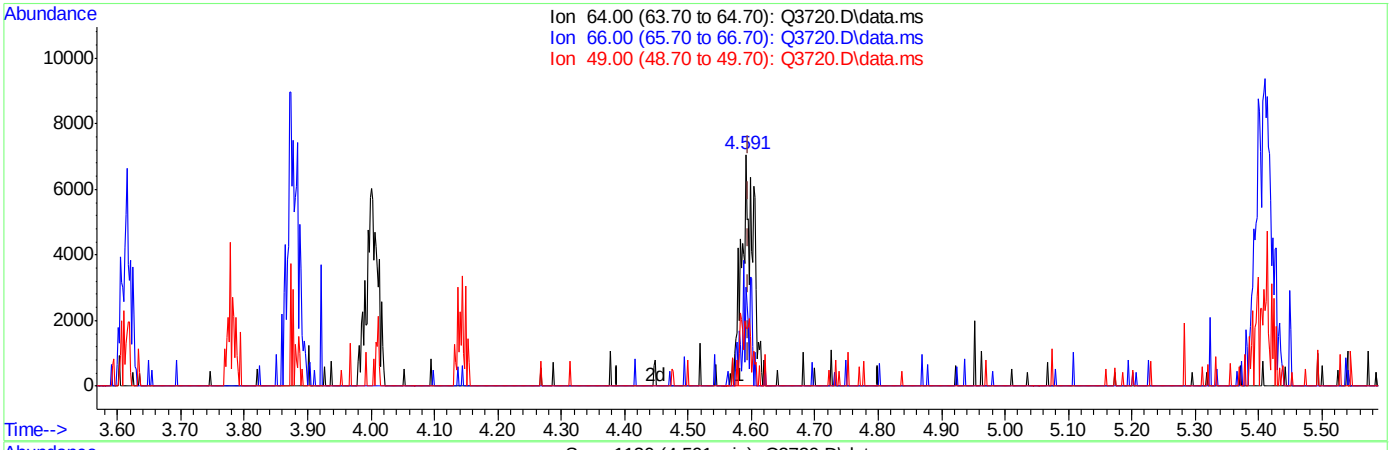
response 3340

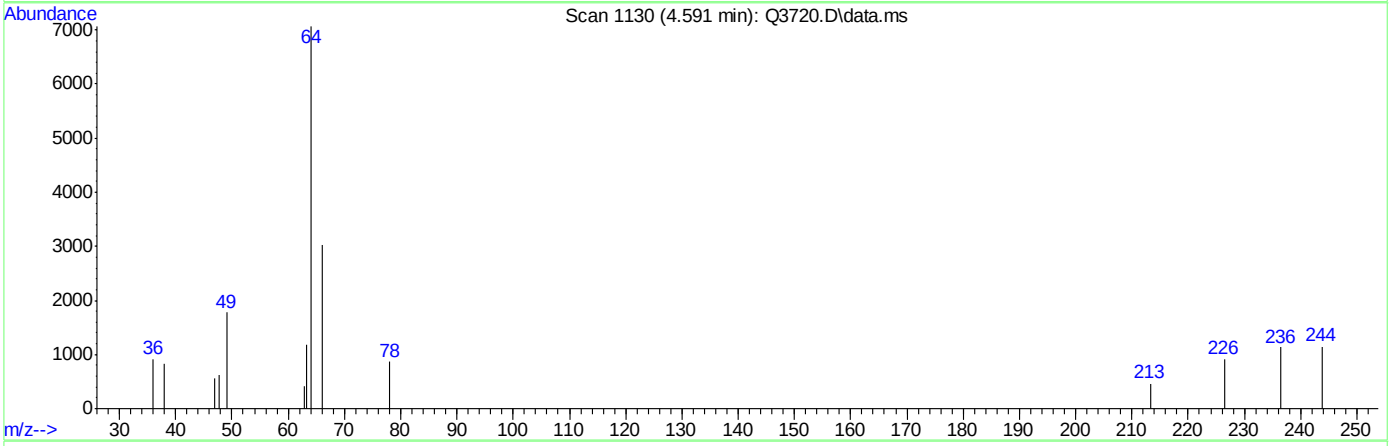
Ion	Exp%	Act%
64.00	100	100
66.00	0.00	91.47#
49.00	0.00	77.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On    : 14 Jun 2007   3:41 pm
Operator  : PhilipB
Sample    : IC201-2 (M065)
Misc      : MS13699, MSQ201,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Jun 14 16:11:27 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration
```



TIC: Q3720.D\data.ms

(9) CHLOROETHANE (m)

4.591min (-0.004) 2.64PPBV m

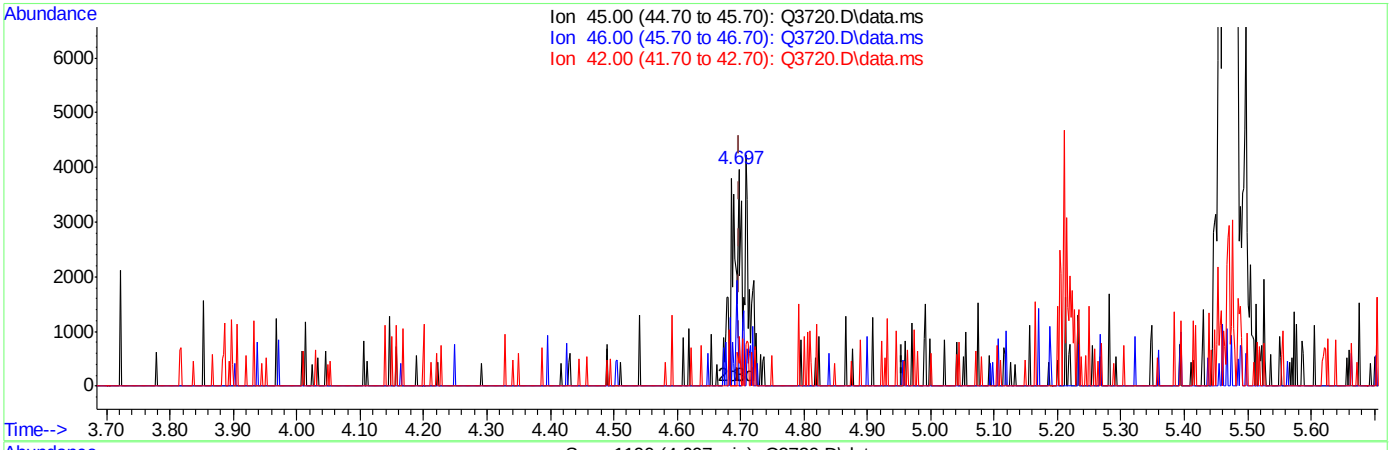
response 9271

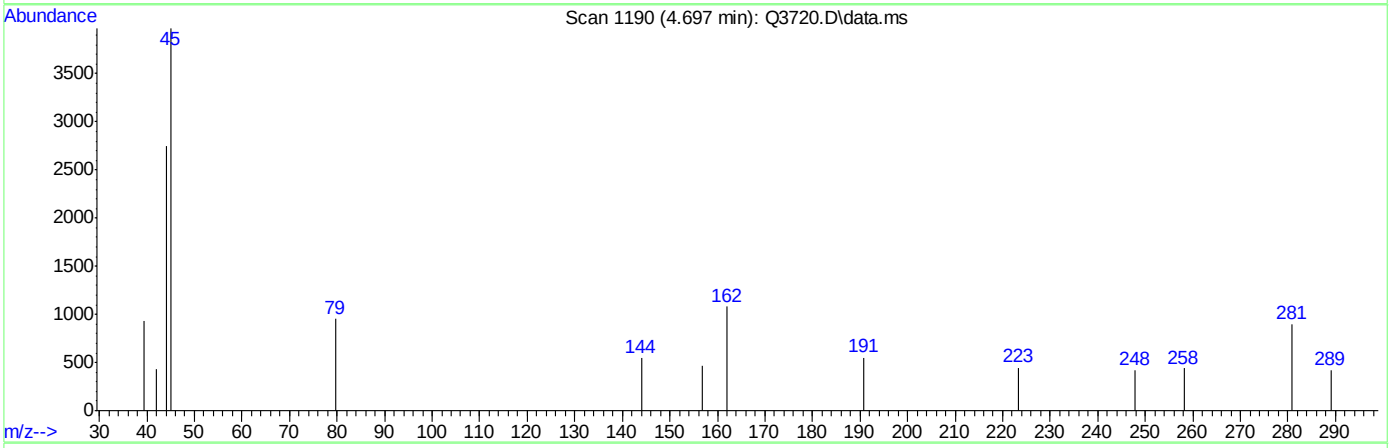
Ion	Exp%	Act%
64.00	100	100
66.00	0.00	32.95#
49.00	0.00	27.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On : 14 Jun 2007 3:41 pm
Operator : PhilipB
Sample : IC201-2 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:11:27 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration





TIC: Q3720.D\data.ms

(16) ETHANOL (m)

4.697min (-0.001) 1.20PPBV

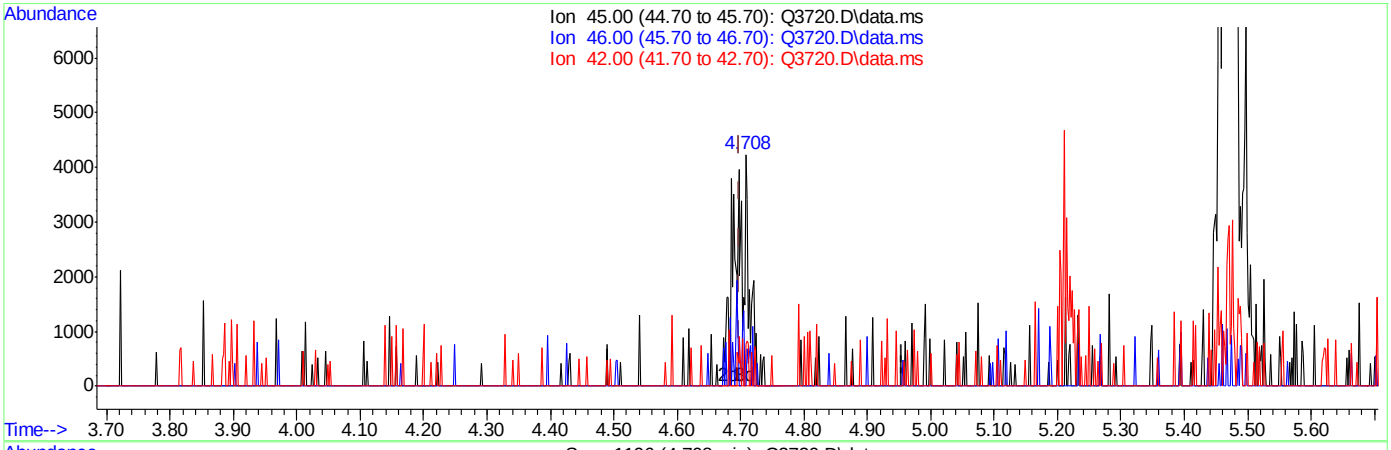
response 2699

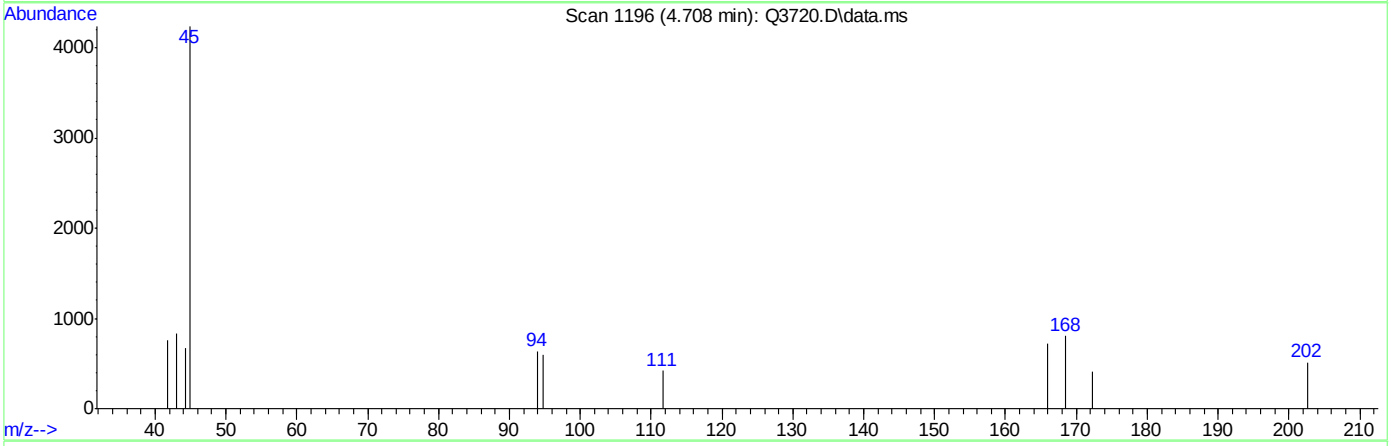
Ion	Exp%	Act%
45.00	100	100
46.00	0.00	38.24#
42.00	0.00	11.19
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On : 14 Jun 2007 3:41 pm
Operator : PhilipB
Sample : IC201-2 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:11:27 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration





TIC: Q3720.D\data.ms

(16) ETHANOL (m)

4.708min (+0.010) 2.56PPBV m

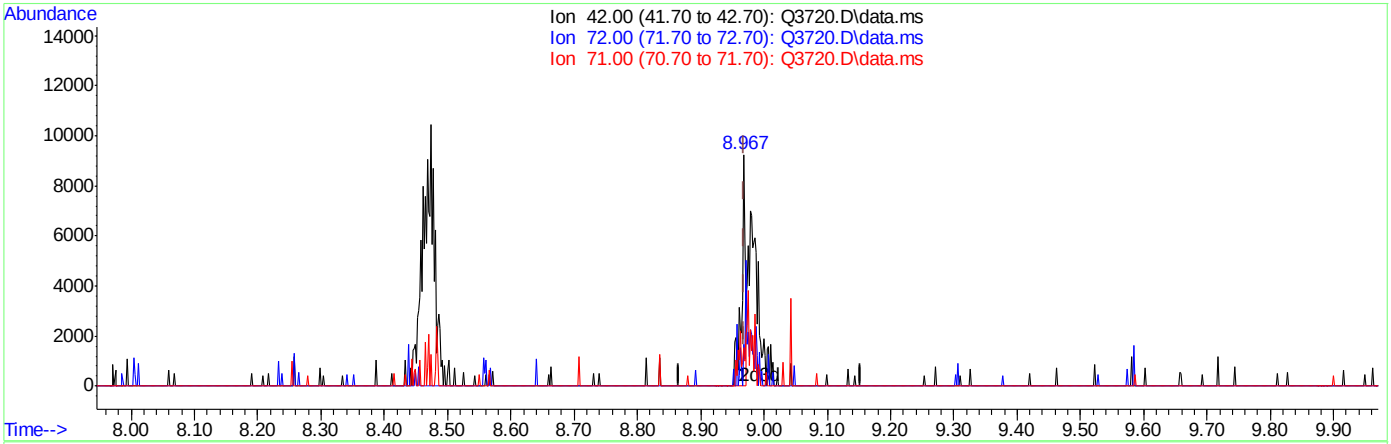
response 5783

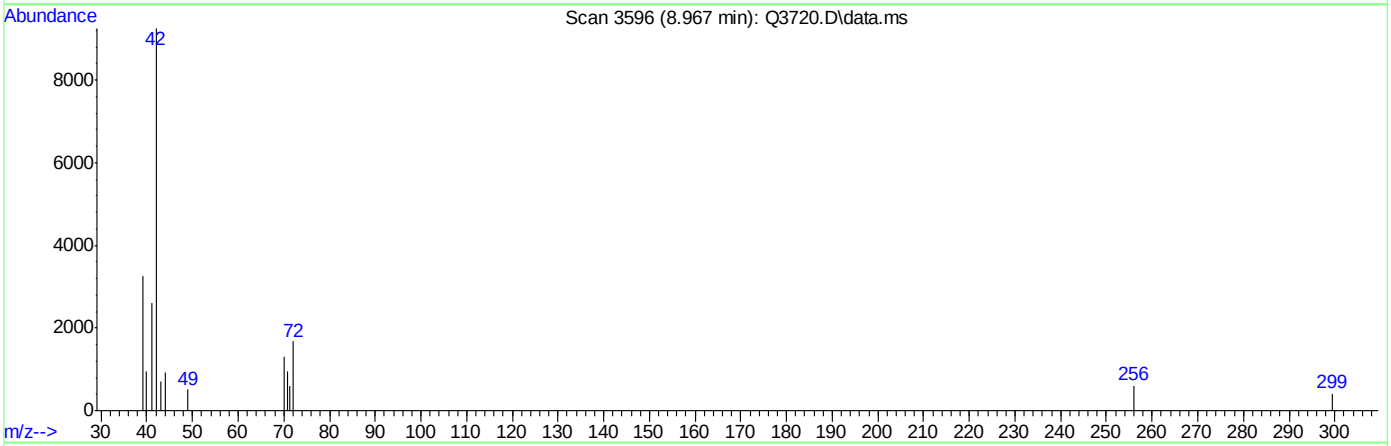
Ion	Exp%	Act%
45.00	100	100
46.00	0.00	17.85
42.00	0.00	5.22
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On : 14 Jun 2007 3:41 pm
Operator : PhilipB
Sample : IC201-2 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:11:27 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration





TIC: Q3720.D\data.ms

(24) TETRAHYDROFURAN (m)

8.967min (-0.002) 0.61PPBV

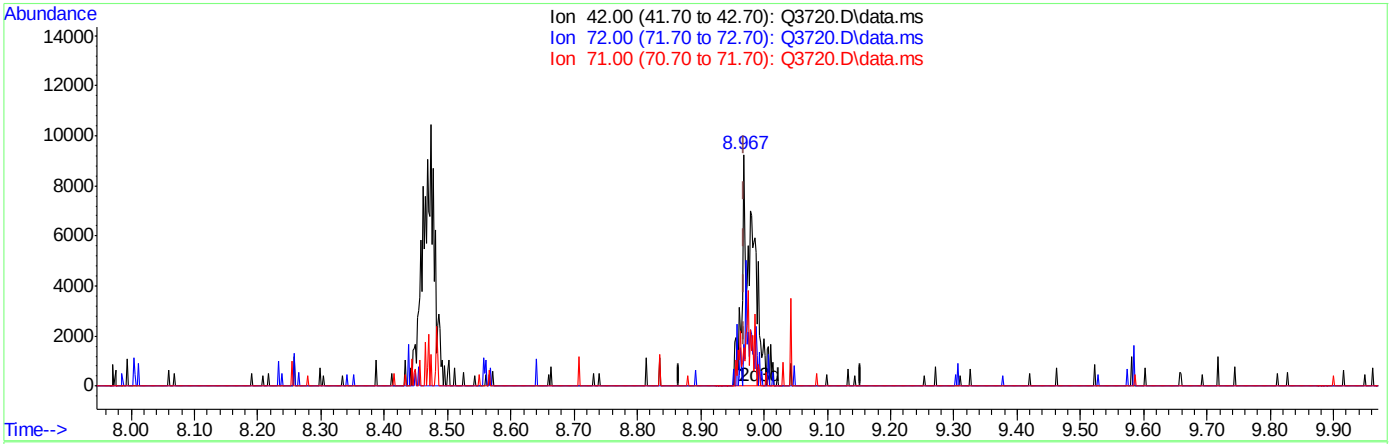
response 3726

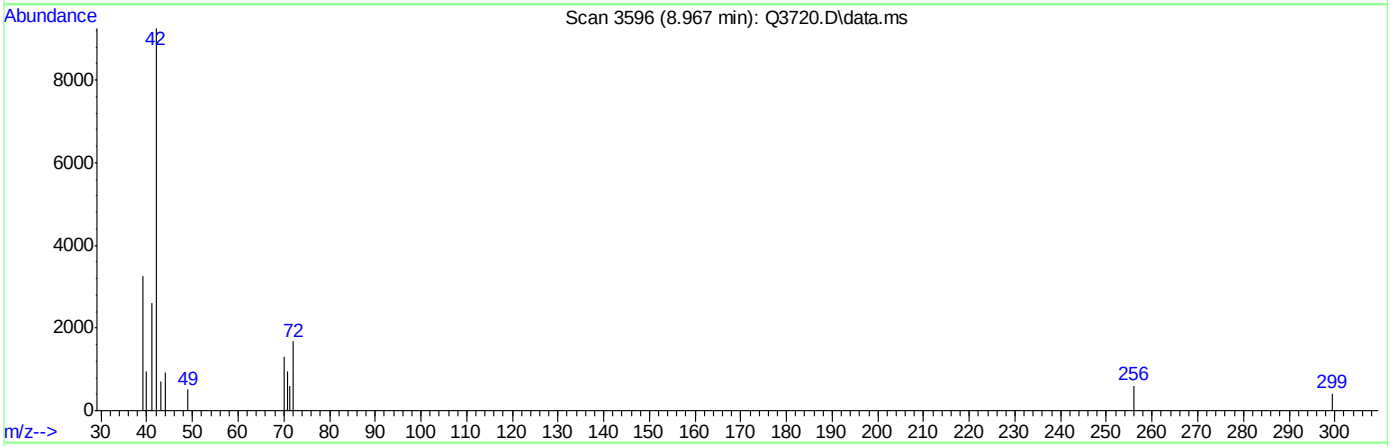
Ion	Exp%	Act%
42.00	100	100
72.00	0.00	10.31
71.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On : 14 Jun 2007 3:41 pm
Operator : PhilipB
Sample : IC201-2 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:11:27 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration





TIC: Q3720.D\data.ms

(24) TETRAHYDROFURAN (m)

8.967min (-0.002) 1.87PPBV m

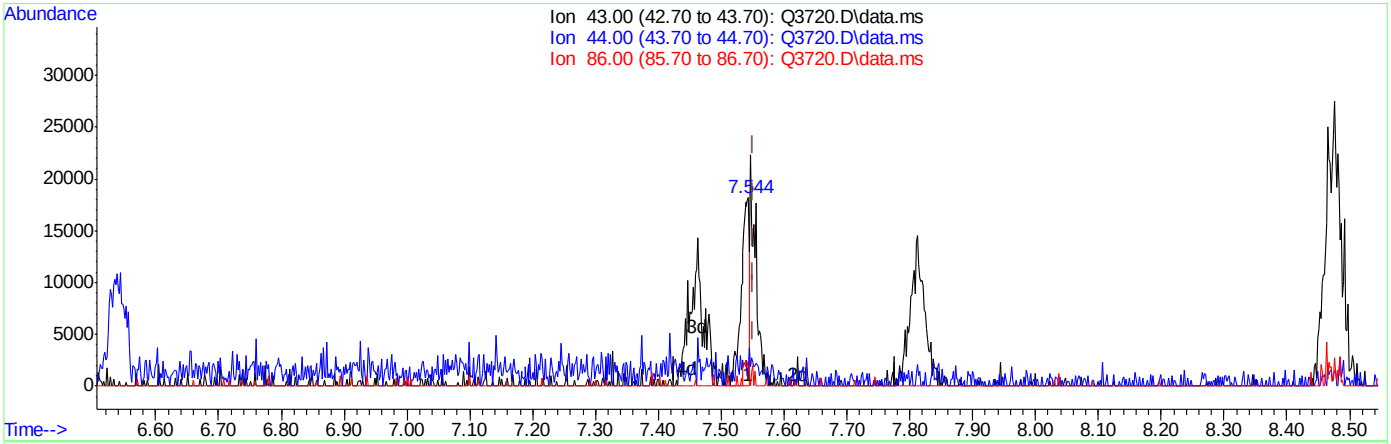
response 11531

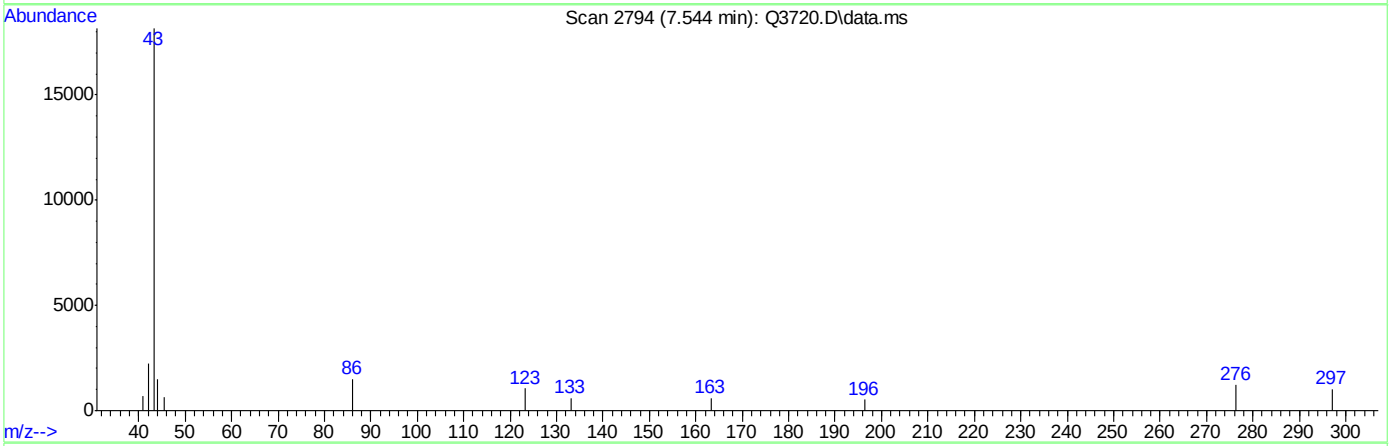
Ion	Exp%	Act%
42.00	100	100
72.00	0.00	3.33
71.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On : 14 Jun 2007 3:41 pm
Operator : PhilipB
Sample : IC201-2 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:11:27 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration





TIC: Q3720.D\data.ms

(26) VINYL ACETATE (m)

7.544min (-0.007) 0.95PPBV

response 17647

Ion	Exp%	Act%
43.00	100	100
44.00	2.30	27.66#
86.00	0.00	12.21
0.00	0.00	0.00

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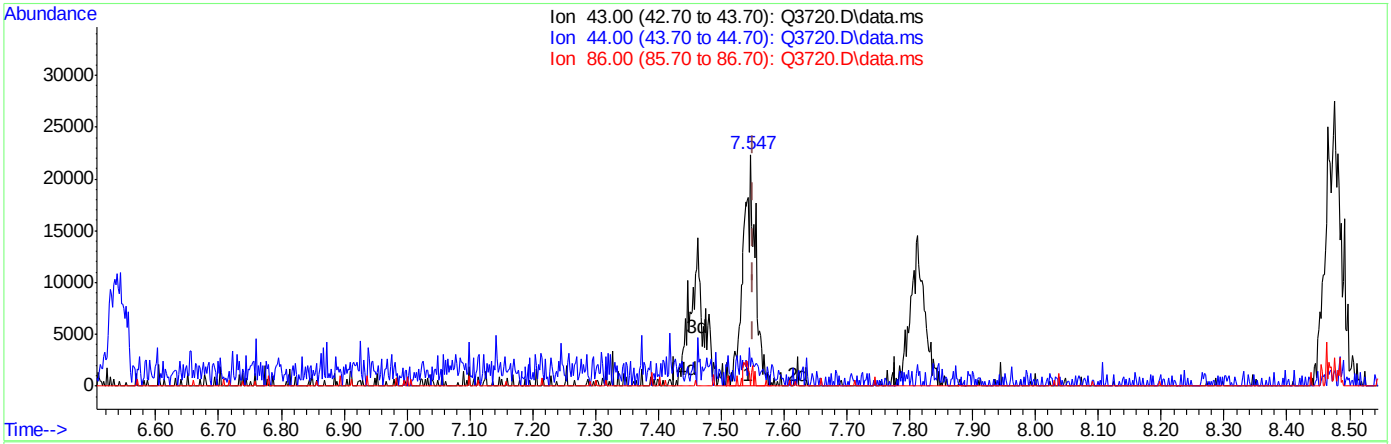
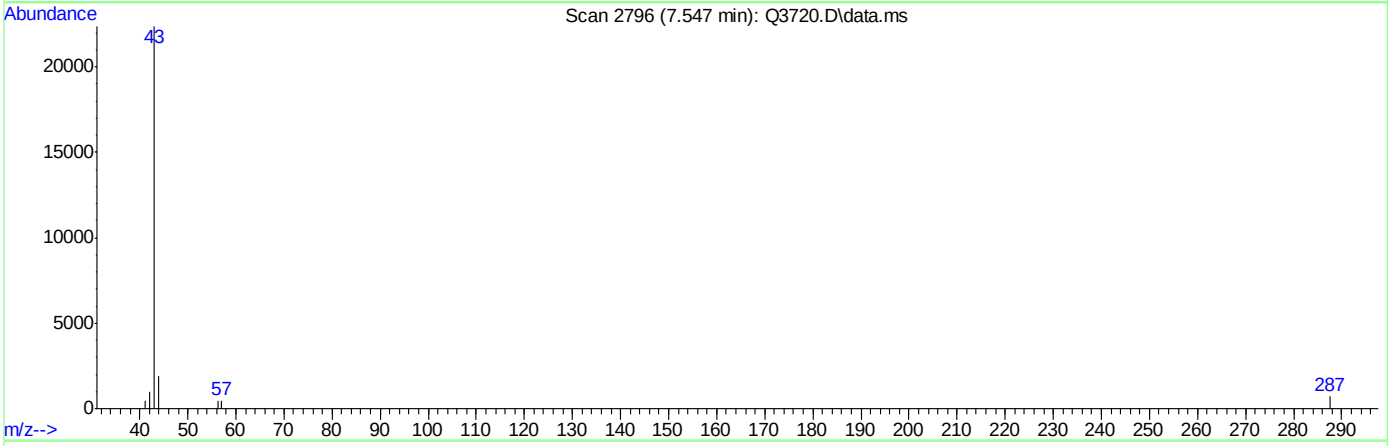
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On : 14 Jun 2007 3:41 pm
Operator : PhilipB
Sample : IC201-2 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:11:27 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration





TIC: Q3720.D\data.ms

(26) VINYL ACETATE (m)

7.547min (-0.003) 1.70PPBV m

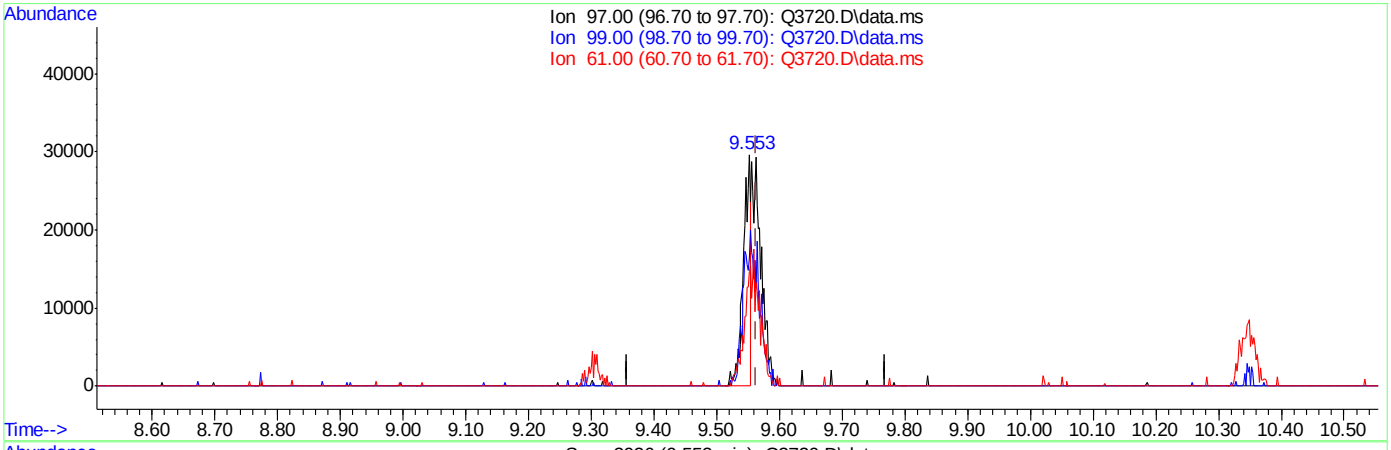
response 31583

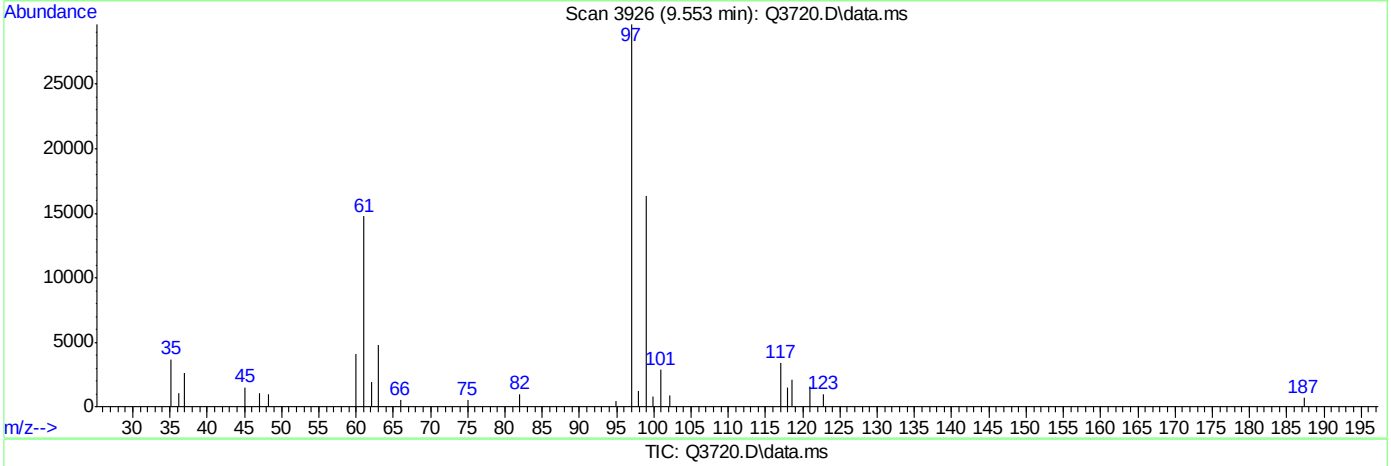
Ion	Exp%	Act%
43.00	100	100
44.00	2.30	15.45
86.00	0.00	6.82
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On : 14 Jun 2007 3:41 pm
Operator : PhilipB
Sample : IC201-2 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:11:27 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration





TIC: Q3720.D\data.ms

(32) 1,1,1-TRICHLOROETHANE (m)

9.553min (-0.011) 0.81PPBV

response 24122

Ion	Exp%	Act%
97.00	100	100
99.00	63.00	146.59#
61.00	38.00	72.75#
0.00	0.00	0.00

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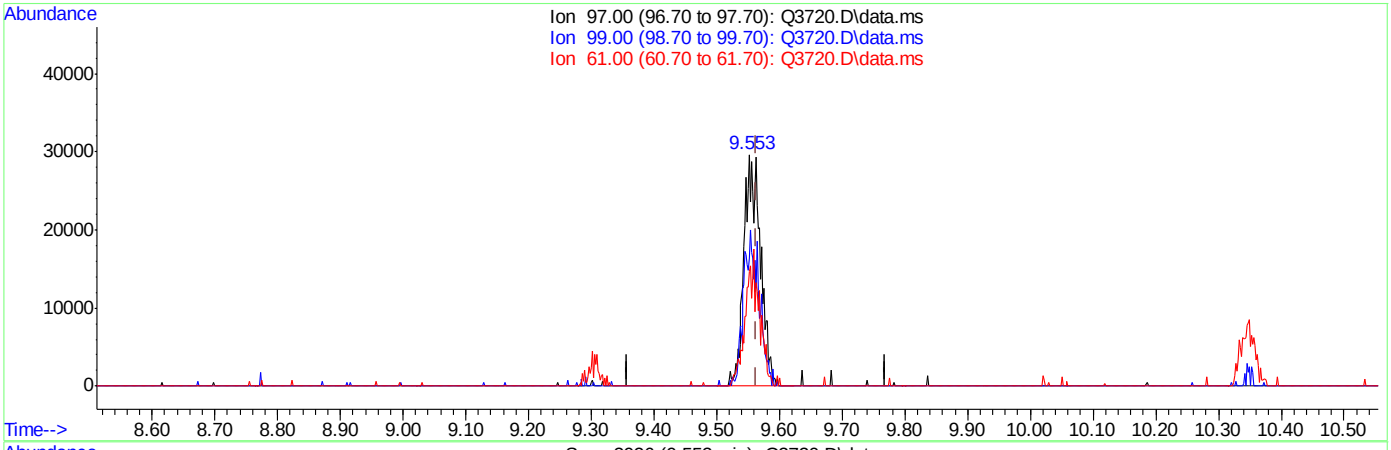
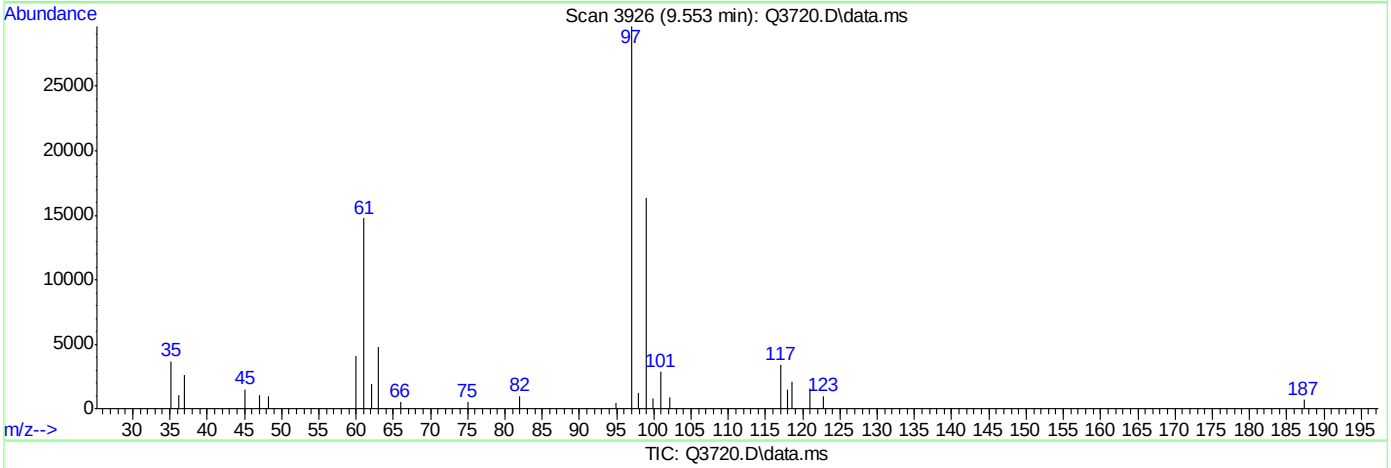
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On : 14 Jun 2007 3:41 pm
Operator : PhilipB
Sample : IC201-2 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:11:27 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration





TIC: Q3720.D\data.ms

(32) 1,1,1-TRICHLOROETHANE (m)

9.553min (-0.011) 1.84PPBV m

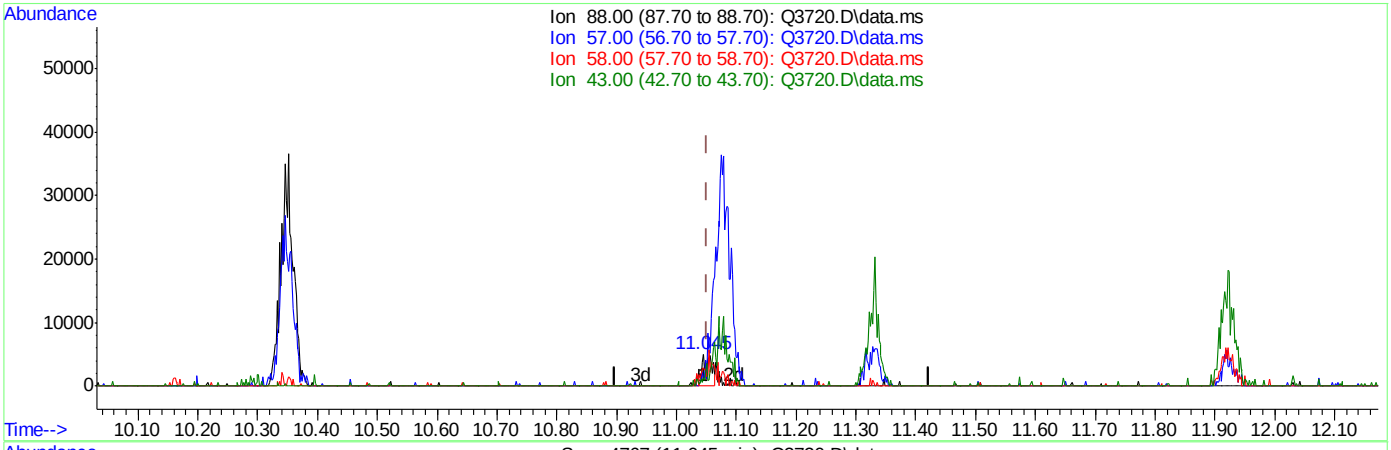
response 54666

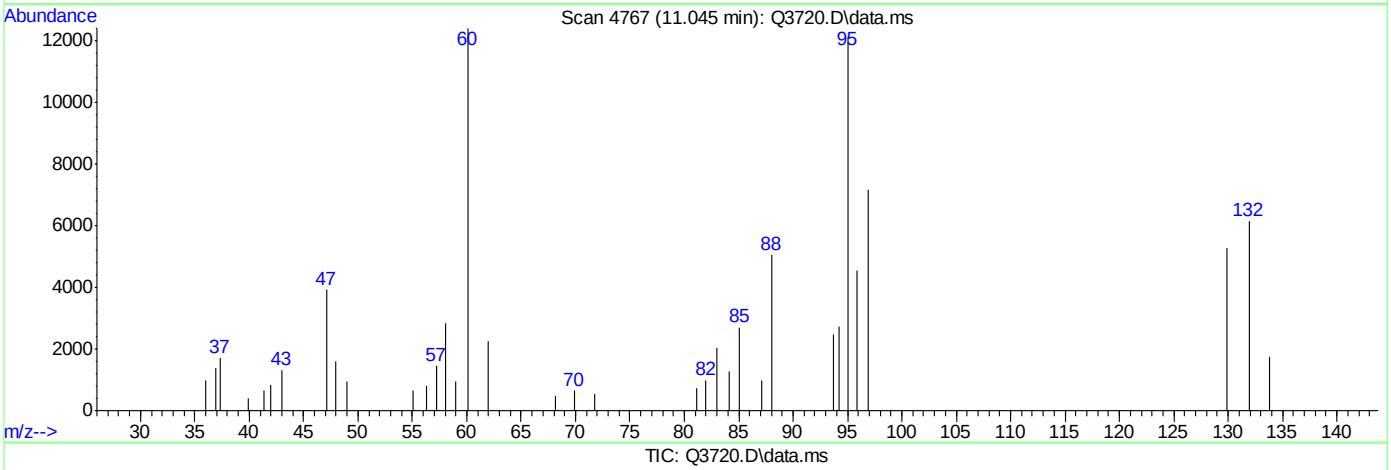
Ion	Exp%	Act%
97.00	100	100
99.00	63.00	64.69
61.00	38.00	32.10
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On : 14 Jun 2007 3:41 pm
Operator : PhilipB
Sample : IC201-2 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:11:27 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration





(42) 1,4-DIOXANE (m)

11.045min (-0.007) 1.51PPBV

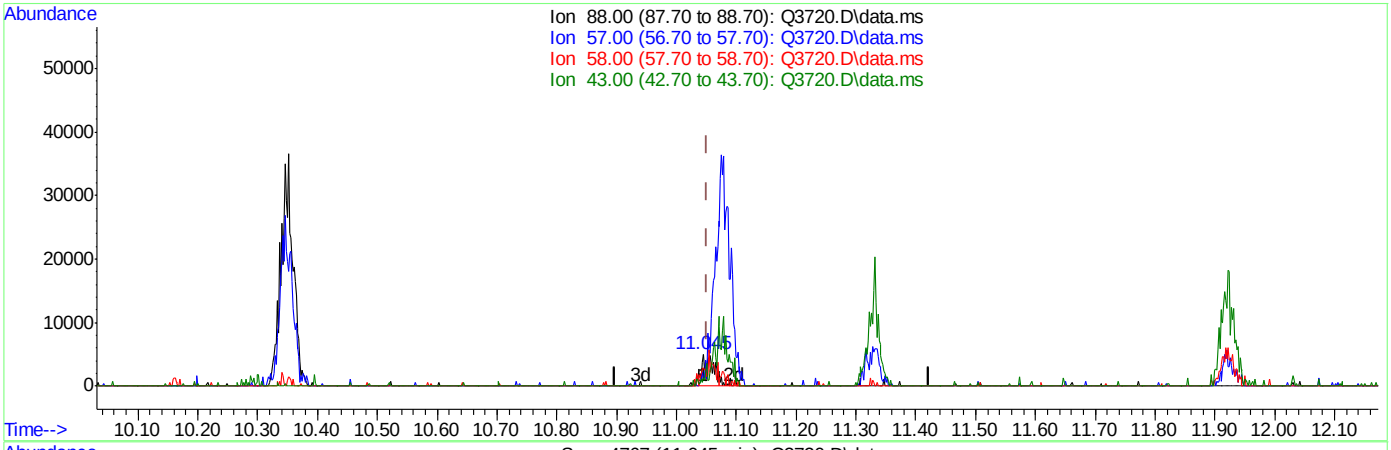
response 5577

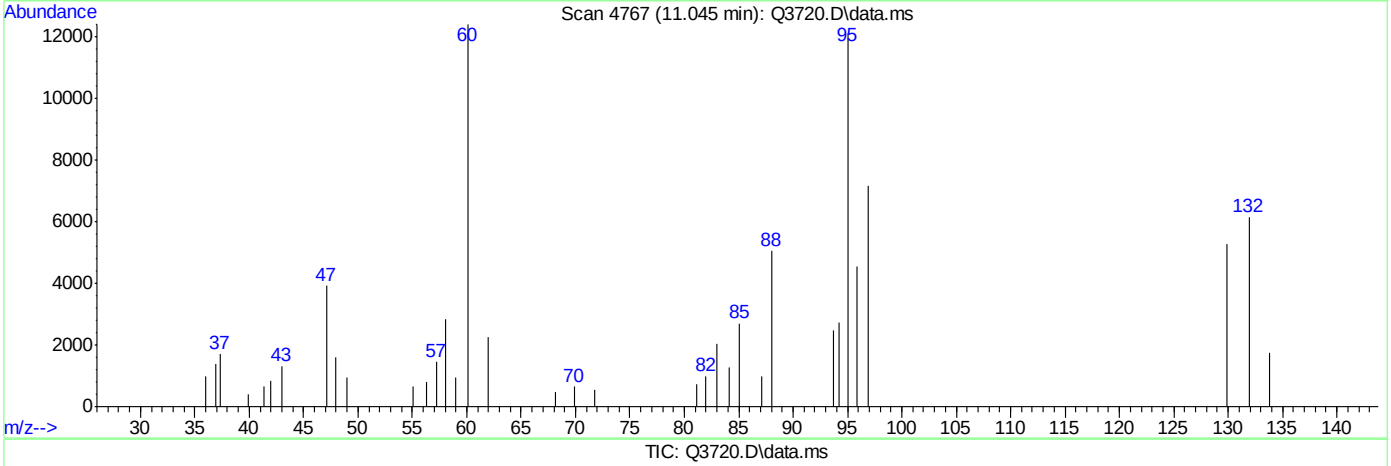
Ion	Exp%	Act%
88.00	100	100
57.00	23.90	28.73
58.00	54.80	56.46
43.00	32.10	25.97

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On : 14 Jun 2007 3:41 pm
Operator : PhilipB
Sample : IC201-2 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:11:27 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration





TIC: Q3720.D\data.ms

(42) 1,4-DIOXANE (m)

11.045min (-0.007) 2.06PPBV m

response 7580

Ion	Exp%	Act%
88.00	100	100
57.00	23.90	28.73
58.00	54.80	56.46
43.00	32.10	25.97

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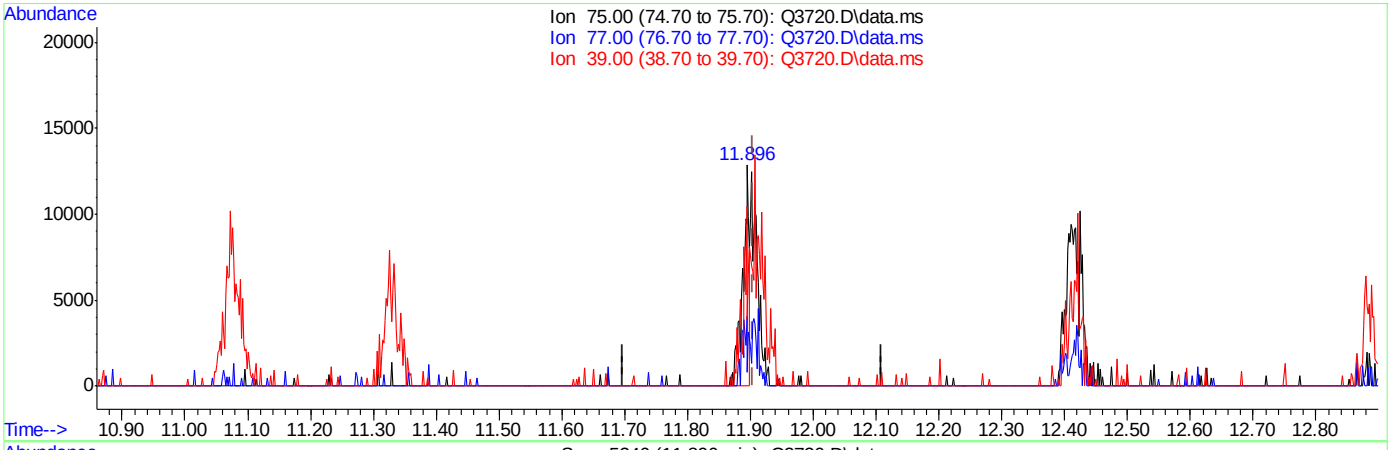
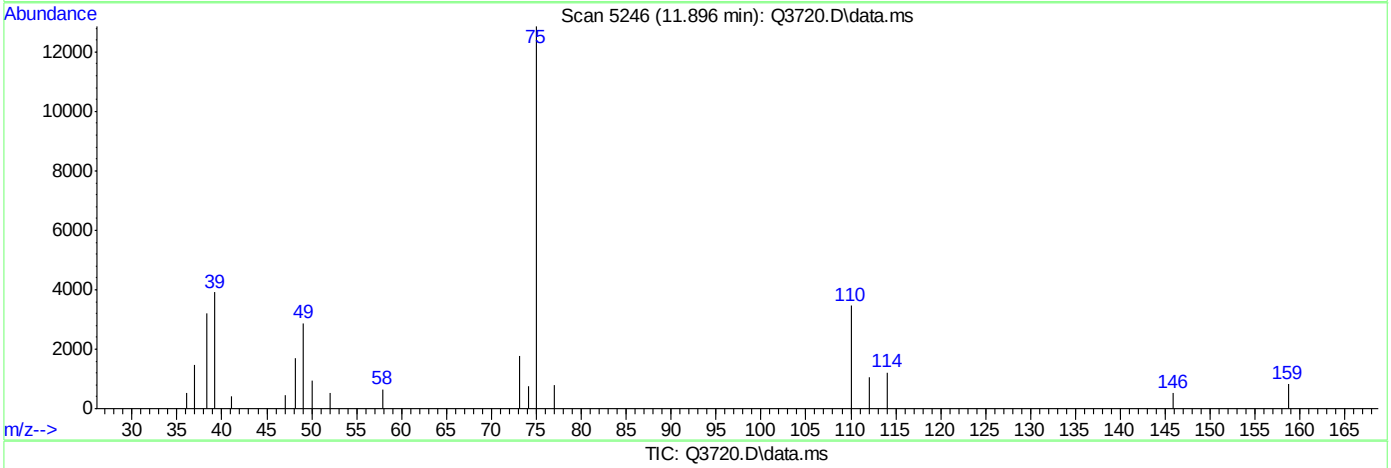
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On : 14 Jun 2007 3:41 pm
Operator : PhilipB
Sample : IC201-2 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:11:27 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration





TIC: Q3720.D\data.ms

(45) cis-1,3-DICHLOROPROPENE (m)

11.896min (-0.009) 0.77PPBV

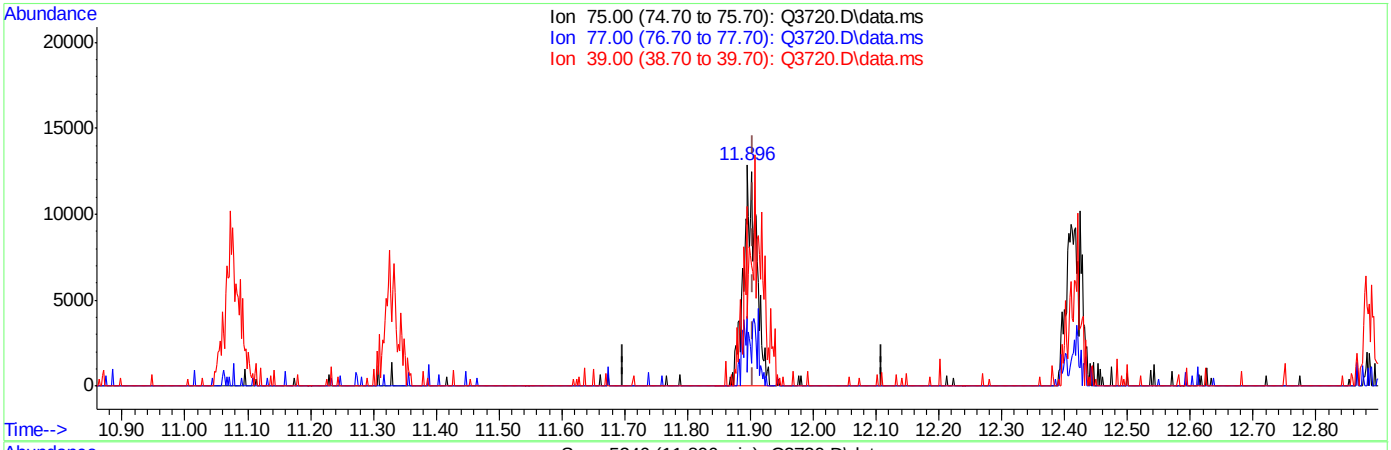
response 9673

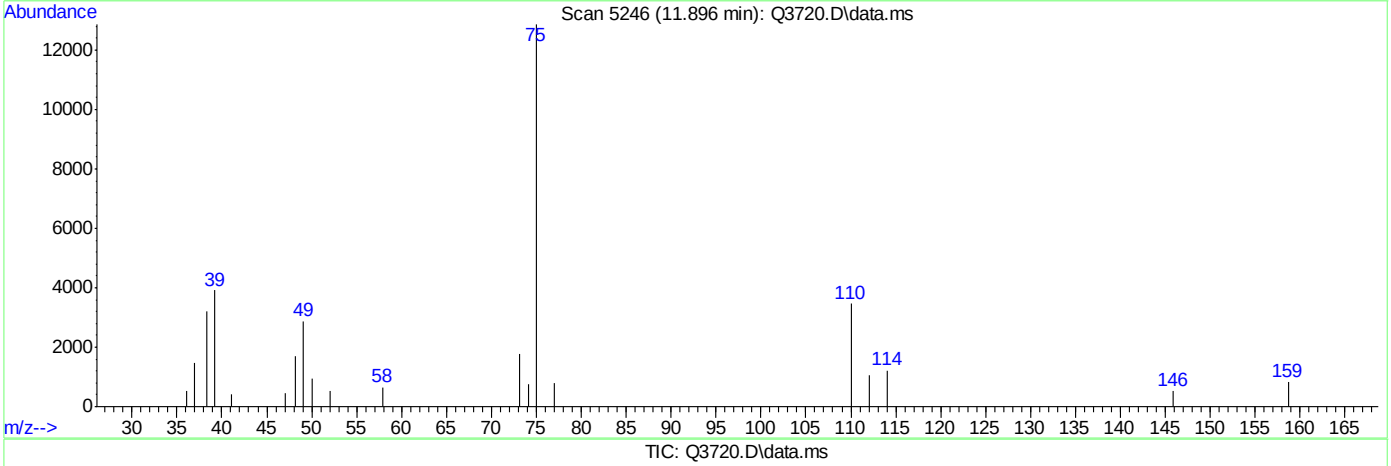
Ion	Exp%	Act%
75.00	100	100
77.00	30.90	24.42
39.00	108.70	122.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On : 14 Jun 2007 3:41 pm
Operator : PhilipB
Sample : IC201-2 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:11:27 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration





TIC: Q3720.D\data.ms

(45) cis-1,3-DICHLOROPROPENE (m)

11.896min (-0.009) 1.54PPBV m

response 19298

Ion	Exp%	Act%
75.00	100	100
77.00	30.90	12.24
39.00	108.70	61.43#
0.00	0.00	0.00

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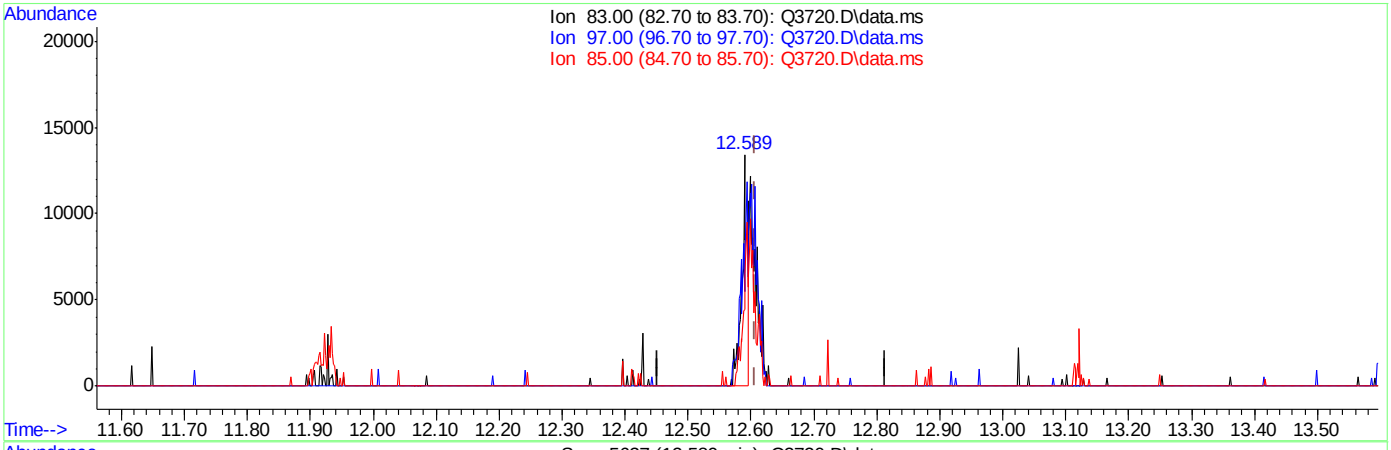
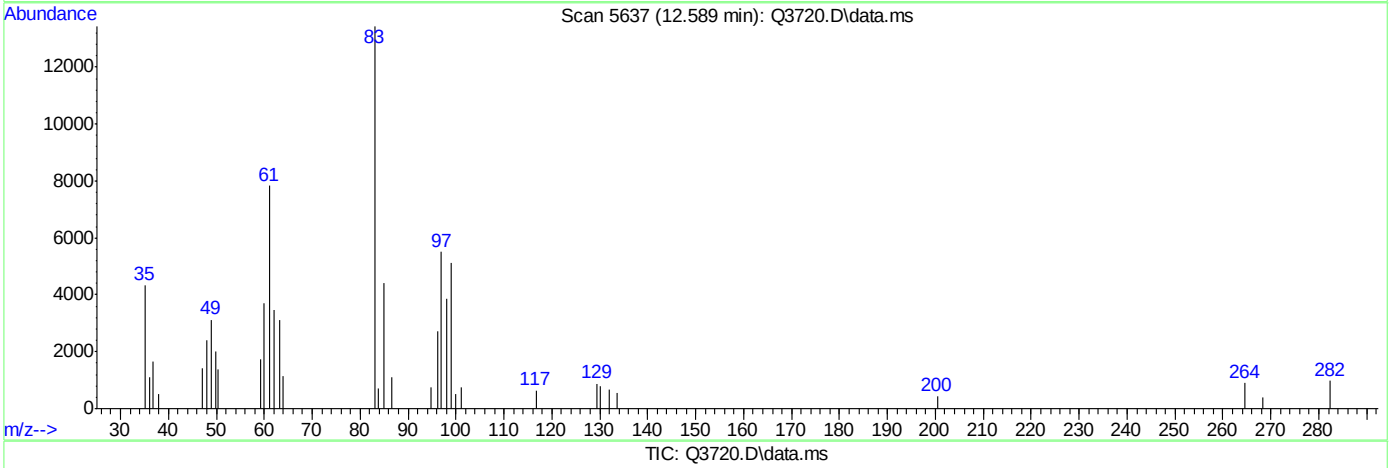
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On : 14 Jun 2007 3:41 pm
Operator : PhilipB
Sample : IC201-2 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:11:27 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration





TIC: Q3720.D\data.ms

(48) 1,1,2-TRICHLOROETHANE (m)

12.589min (-0.018) 1.01PPBV

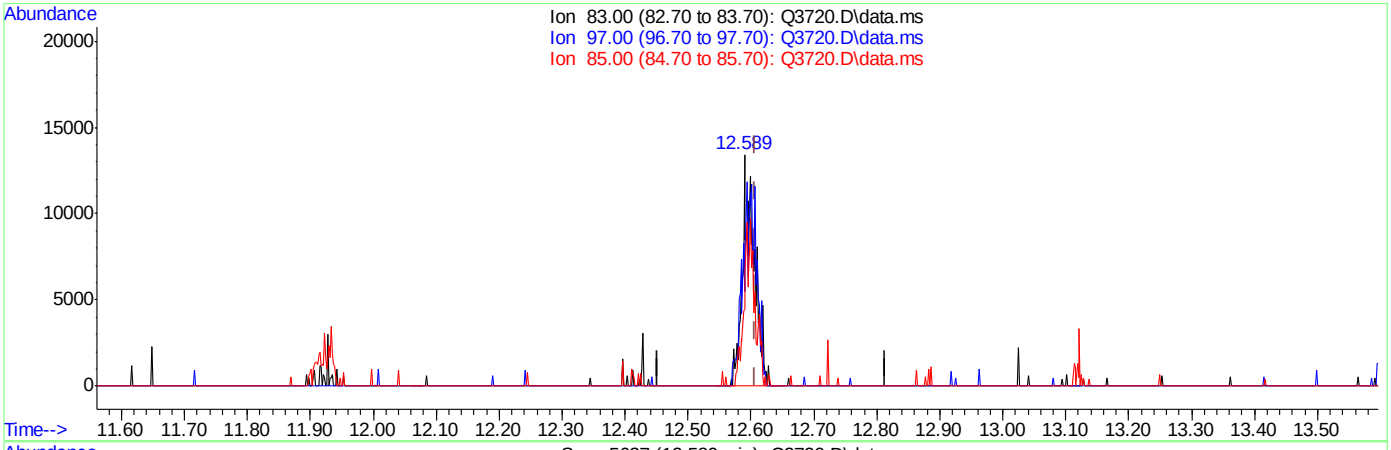
response 8976

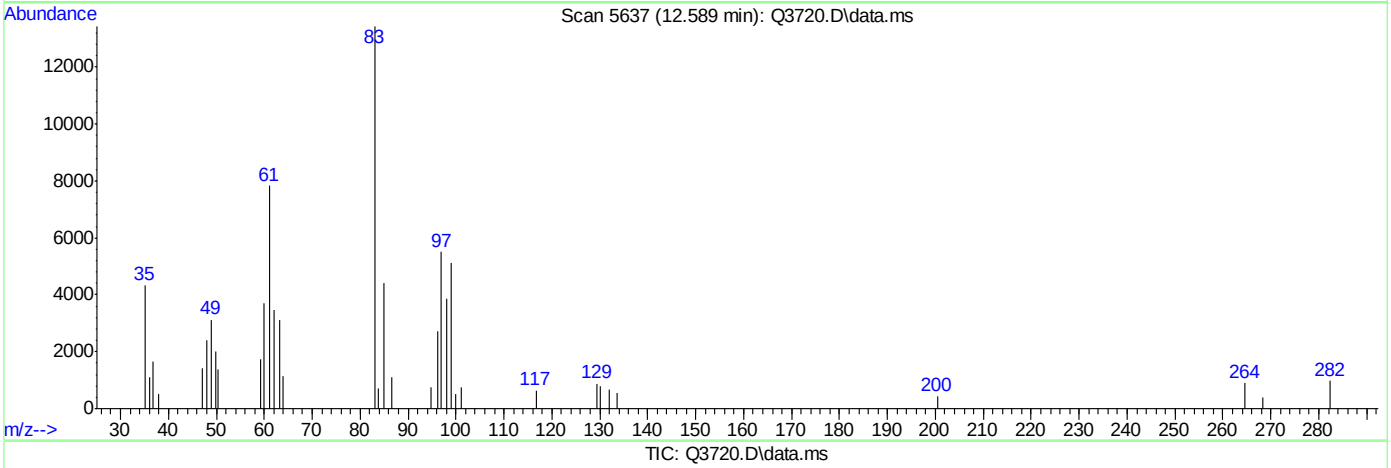
Ion	Exp%	Act%
83.00	100	100
97.00	121.10	204.14#
85.00	65.40	132.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On : 14 Jun 2007 3:41 pm
Operator : PhilipB
Sample : IC201-2 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:11:27 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration





TIC: Q3720.D\data.ms

(48) 1,1,2-TRICHLOROETHANE (m)

12.589min (-0.018) 2.08PPBV m

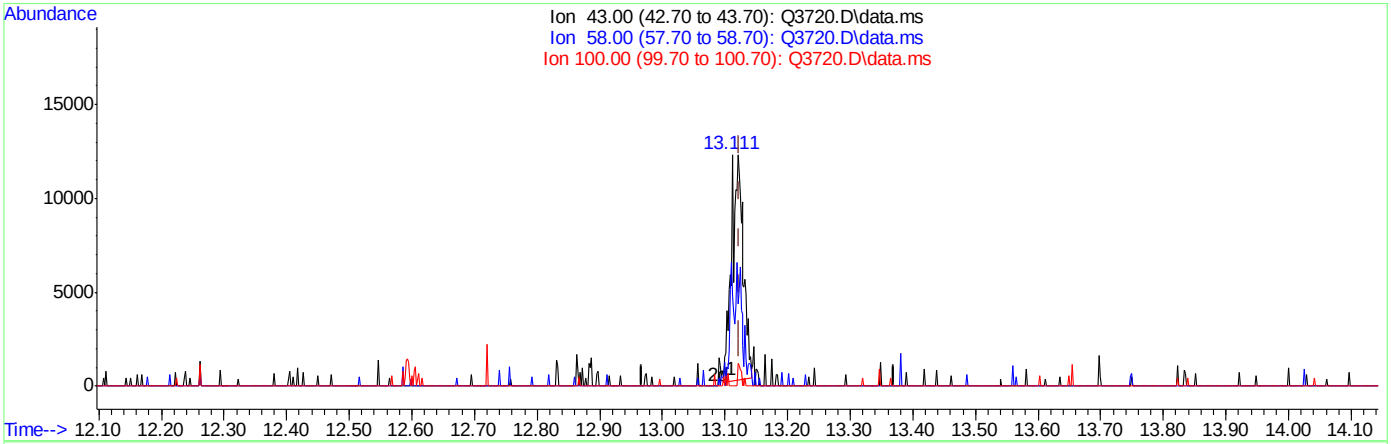
response 18462

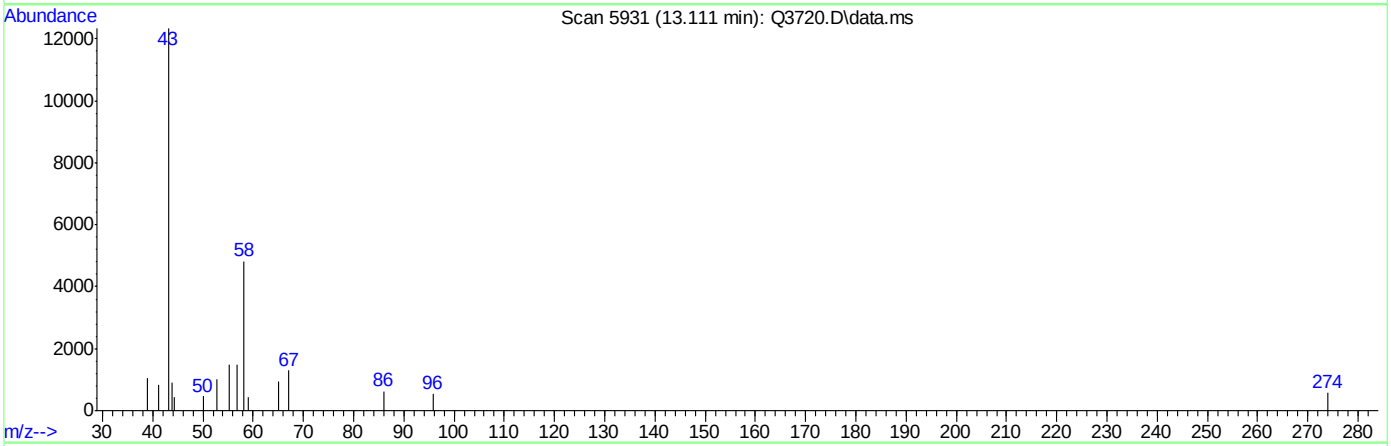
Ion	Exp%	Act%
83.00	100	100
97.00	121.10	99.25#
85.00	65.40	64.51
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On : 14 Jun 2007 3:41 pm
Operator : PhilipB
Sample : IC201-2 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:11:27 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration





TIC: Q3720.D\data.ms

(50) 2-HEXANONE (m)

13.111min (-0.012) 1.34PPBV

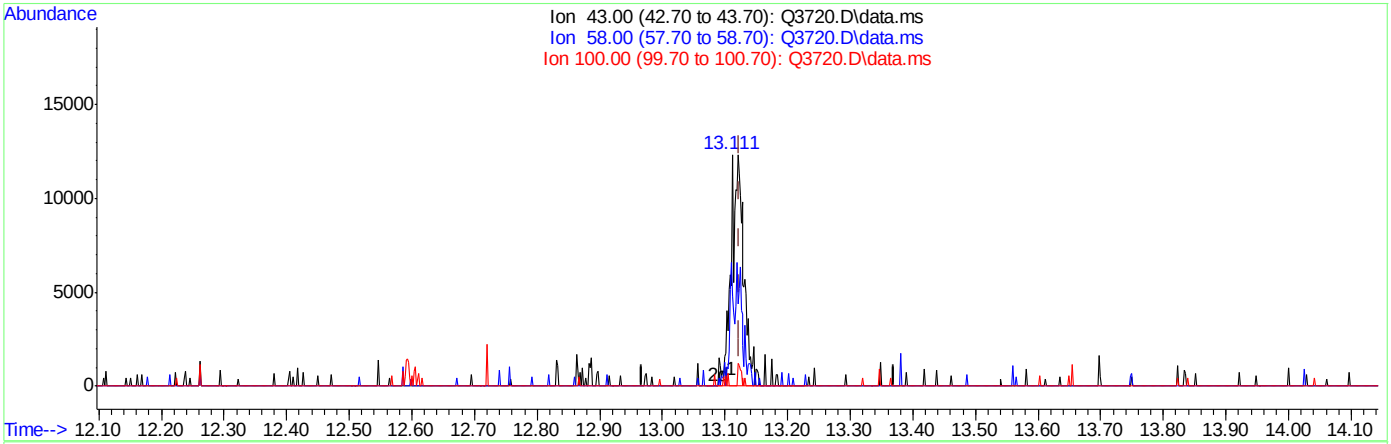
response 15945

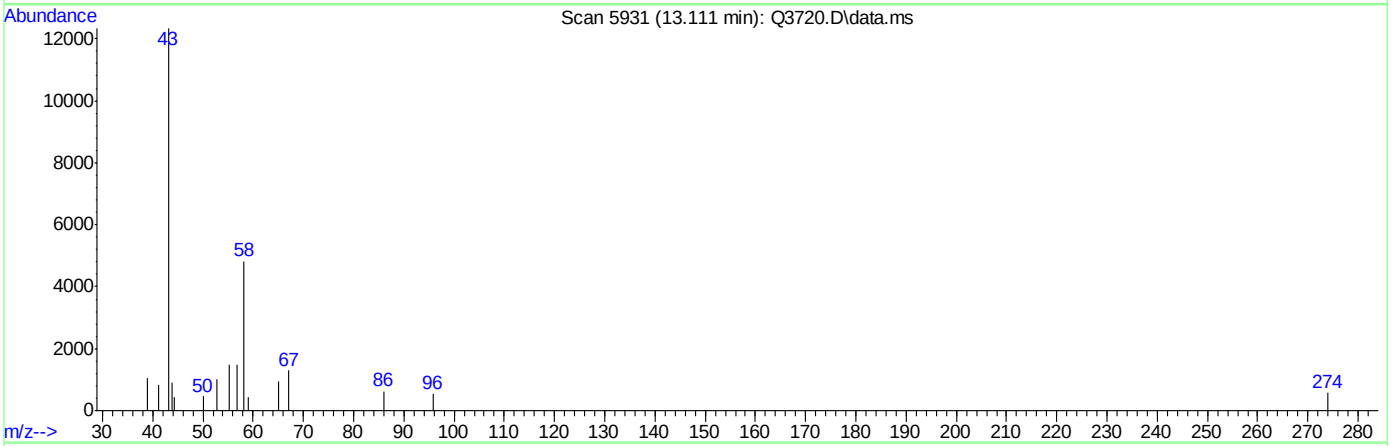
Ion	Exp%	Act%
43.00	100	100
58.00	40.40	50.52
100.00	8.40	1.14
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On : 14 Jun 2007 3:41 pm
Operator : PhilipB
Sample : IC201-2 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:11:27 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration





TIC: Q3720.D\data.ms

(50) 2-HEXANONE (m)

13.111min (-0.012) 1.55PPBV m

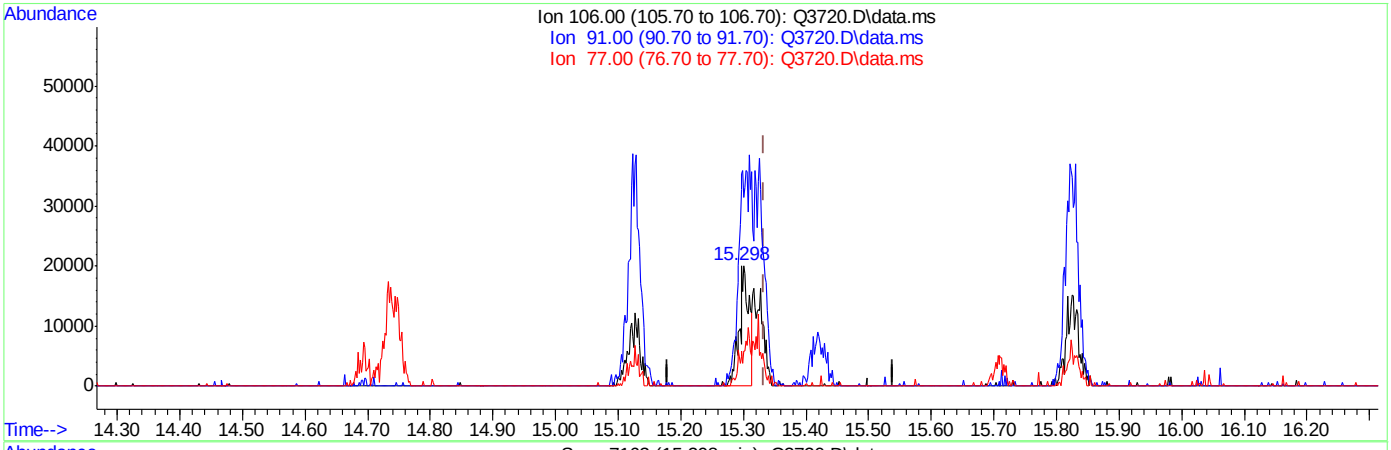
response 18428

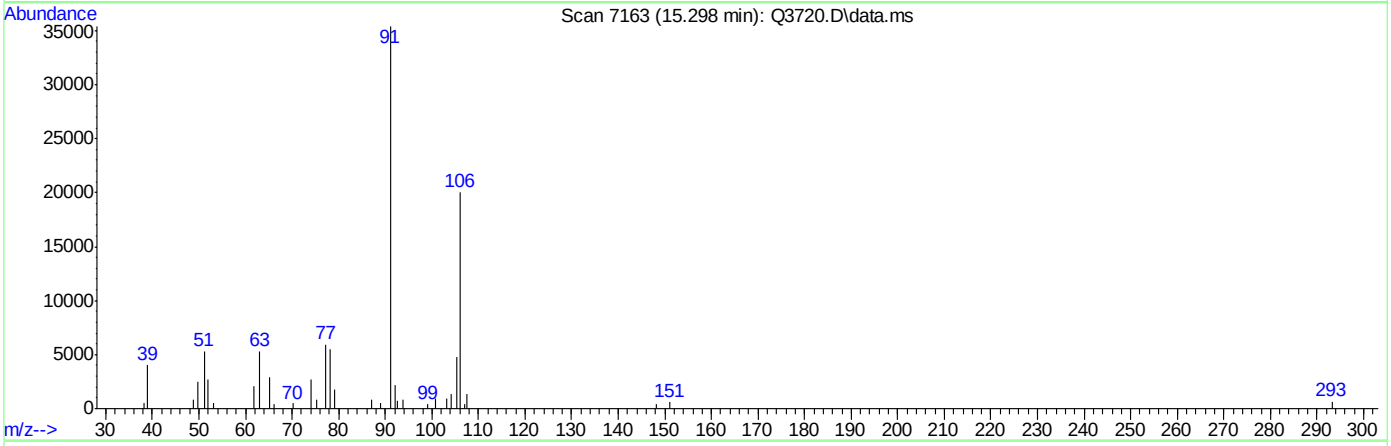
Ion	Exp%	Act%
43.00	100	100
58.00	40.40	43.71
100.00	8.40	0.99
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On : 14 Jun 2007 3:41 pm
Operator : PhilipB
Sample : IC201-2 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:11:27 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration





TIC: Q3720.D\data.ms

(56) m,p-XYLENE (m)

15.298min (-0.036) 2.26PPBV

response 22714

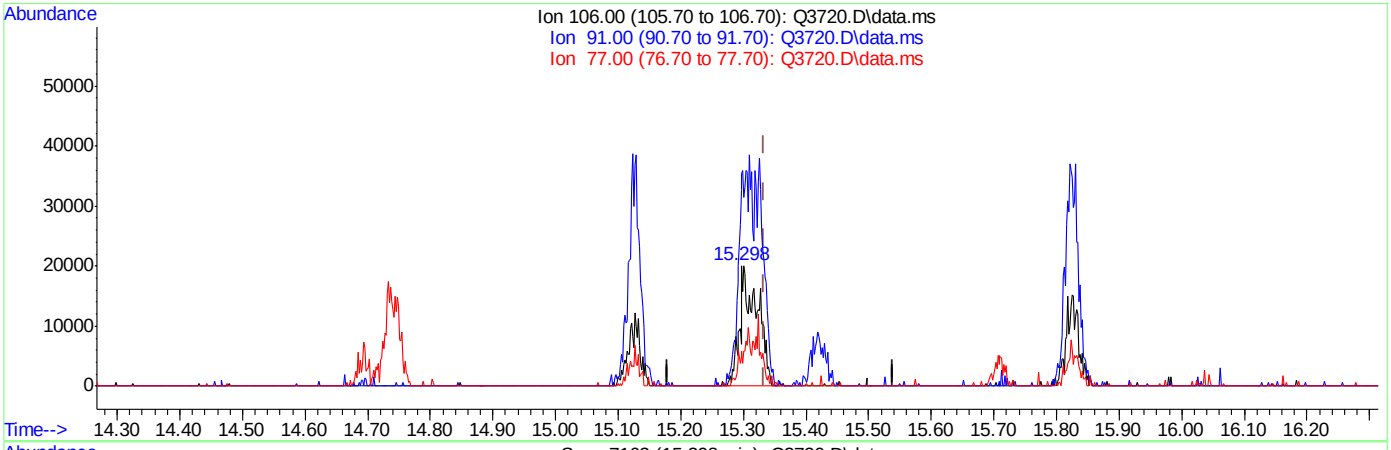
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	176.40
77.00	30.60	29.52
0.00	0.00	0.00

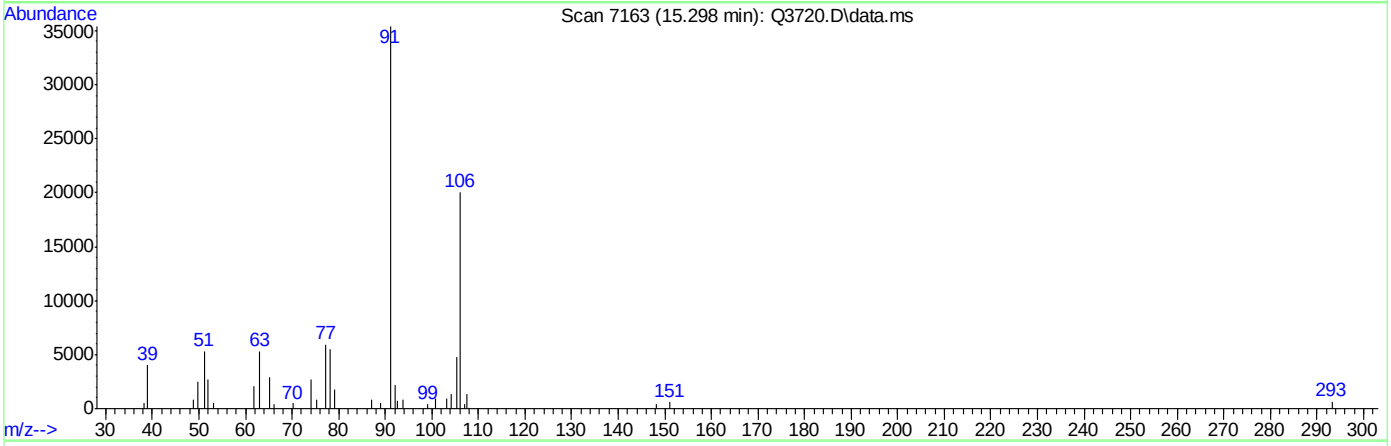
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On : 14 Jun 2007 3:41 pm
Operator : PhilipB
Sample : IC201-2 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:11:27 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration





TIC: Q3720.D\data.ms

(56) m,p-XYLENE (m)

15.298min (-0.036) 4.01PPBV m

response 40335

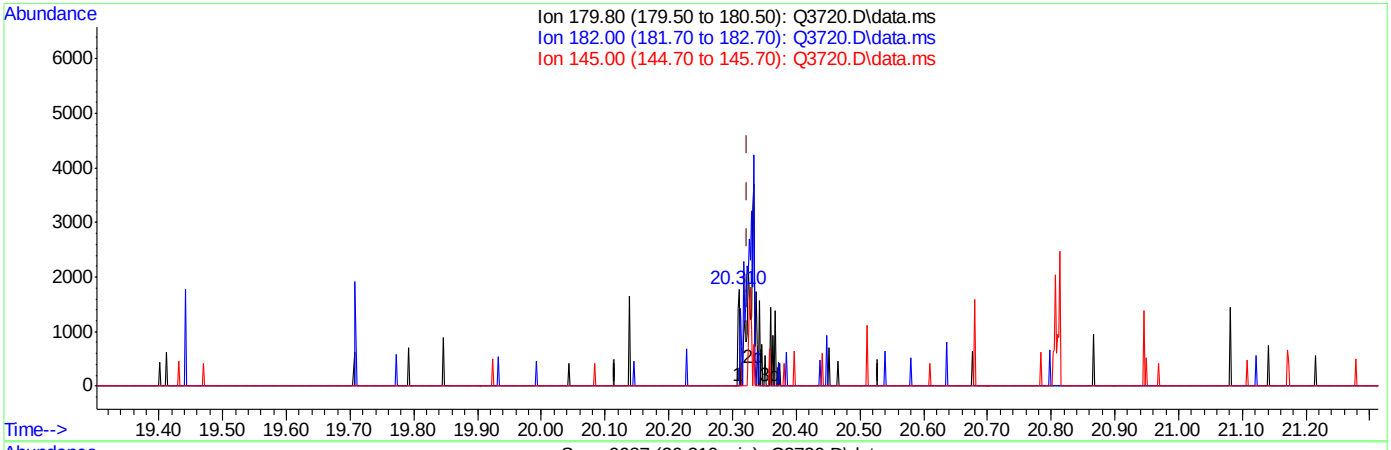
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	176.40
77.00	30.60	29.52
0.00	0.00	0.00

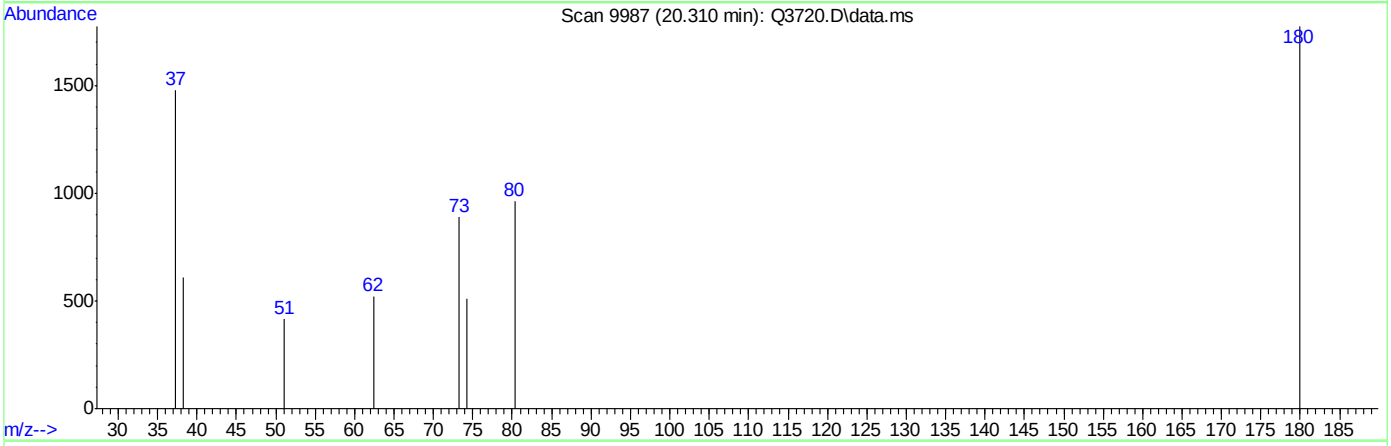
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On : 14 Jun 2007 3:41 pm
Operator : PhilipB
Sample : IC201-2 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:11:27 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration





TIC: Q3720.D\data.ms

(73) 1,2,4-TRICHLOROBENZENE (m)

20.310min (-0.013) 0.22PPBV

response 383

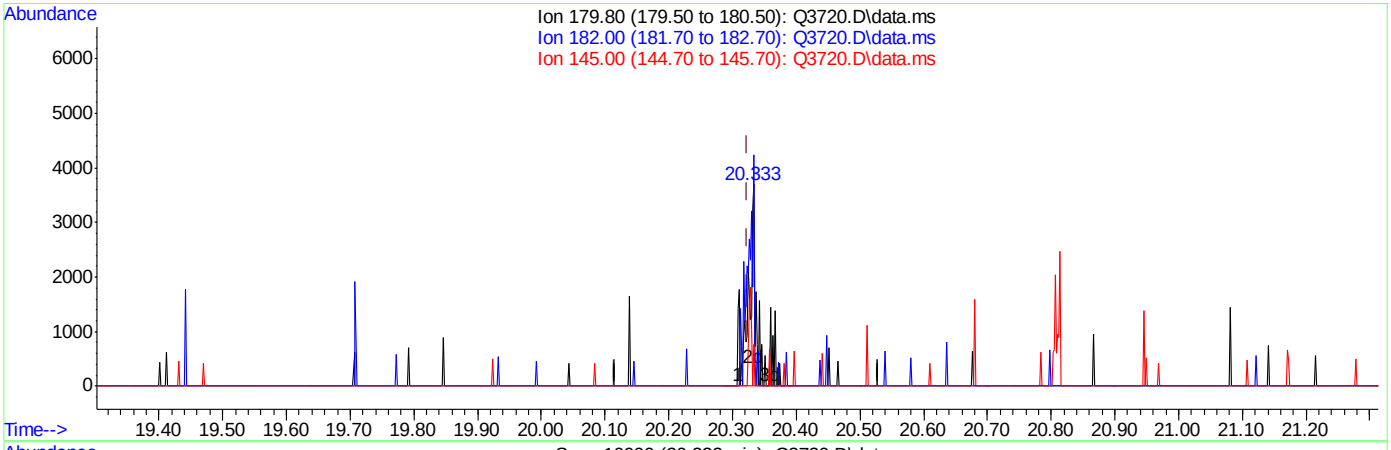
Ion	Exp%	Act%
179.80	100	100
182.00	91.20	0.00#
145.00	35.30	0.00#
0.00	0.00	0.00

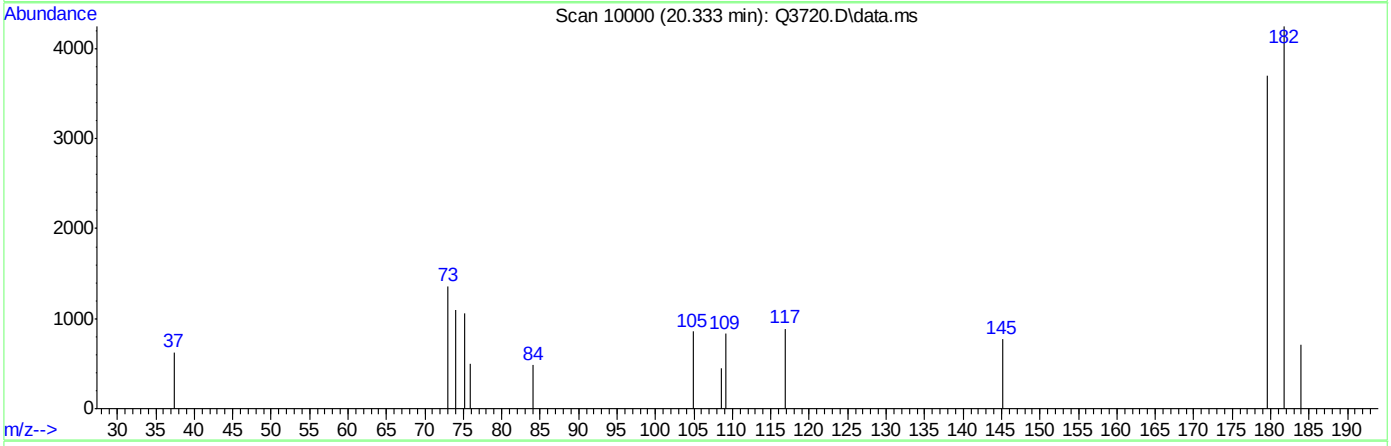
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3720.D
Acq On : 14 Jun 2007 3:41 pm
Operator : PhilipB
Sample : IC201-2 (M065)
Misc : MS13699, MSQ201,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:11:27 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:27:32 2007
Response via : Initial Calibration





TIC: Q3720.D\data.ms

(73) 1,2,4-TRICHLOROBENZENE (m)

20.333min (+0.010) 1.93PPBV m

response 3356

Ion	Exp%	Act%
179.80	100	100
182.00	91.20	0.00#
145.00	35.30	0.00#
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
06/15/07 16:35

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3721.D
Acq On : 14 Jun 2007 5:04 pm
Operator : PhilipB
Sample : ICV201-10 (M057)
Misc : MS13754, MSQ201,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 14 17:35:09 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 17:32:33 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.435	128	50585	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.350	114	256387	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	220485	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.331	95	115387	5.77	PPBV	-0.01
Spiked Amount 5.000	Range 57 - 139		Recovery = 115.40%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.611	85	545572	11.88	PPBV	85
3) PROPYLENE	3.542	41	78233	12.89	PPBV	96
4) FREON 114	3.877	85	342962	9.05	PPBV #	100
5) CHLOROMETHANE	3.781	50	75321	11.02	PPBV	95
6) VINYL CHLORIDE	3.999	62	91526	10.30	PPBV	79
7) 1,3-BUTADIENE	4.141	39	76756	9.89	PPBV #	100
8) BROMOMETHANE	4.418	94	71810	7.41	PPBV #	100
9) CHLOROETHANE	4.592	64	29247	8.46	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.409	101	389856	8.61	PPBV #	100
11) ISOPROPYL ALCOHOL	5.474	45	100363	8.32	PPBV	92
12) ACETONE	5.206	43	126951	7.83	PPBV	82
13) PENTANE	5.787	42	55561	8.13	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.087	96	71325	7.73	PPBV #	1
15) CARBON DISULFIDE	6.537	76	248254	10.15	PPBV #	42
16) ETHANOL	4.704	45	17965	7.84	PPBV	100
17) BROMOETHENE	4.963	106	61330	8.09	PPBV #	100
18) METHYLENE CHLORIDE	6.214	84	100315	10.48	PPBV #	1
19) 3-CHLOROPROPENE	6.333	39	123774	9.97	PPBV #	22
20) FREON 113	6.484	151	161637	10.12	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.196	96	86916	9.57	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.110	59	189563	10.33	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.453	73	265544	9.85	PPBV #	100
24) TETRAHYDROFURAN	8.969	42	64223	11.16	PPBV #	100
25) HEXANE	8.468	57	88377	10.10	PPBV #	100
26) VINYL ACETATE	7.544	43	189217	11.07	PPBV	84
27) 1,1-DICHLOROETHANE	7.407	63	200596	9.80	PPBV #	100
28) METHYL ETHYL KETONE	7.805	43	134401	11.79	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.262	96	65109	11.71	PPBV #	100
30) ETHYL ACETATE	8.474	43	232411	10.80	PPBV	100
31) CHLOROFORM	8.562	83	234162	9.34	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.562	97	241307	8.55	PPBV	93
33) CARBON TETRACHLORIDE	10.163	117	274439	9.33	PPBV	90
34) 1,2-DICHLOROETHANE	9.304	62	157870	9.20	PPBV	94
36) BENZENE	10.018	78	215384	12.70	PPBV	95
37) CYCLOHEXANE	10.289	84	67635	12.18	PPBV	87
38) TRICHLOROETHYLENE	11.054	95	110522	11.36	PPBV #	76
39) 1,2-DICHLOROPROPANE	10.822	63	79756	10.89	PPBV #	77
40) BROMODICHLOROMETHANE	11.022	83	243971	10.48	PPBV	96
41) 2,2,4-TRIMETHYLPENTANE	11.081	57	305783	10.84	PPBV	93
42) 1,4-DIOXANE	11.038	88	39391	10.97	PPBV	79
43) HEPTANE	11.328	43	111761	12.22	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3721.D
Acq On : 14 Jun 2007 5:04 pm
Operator : PhilipB
Sample : ICV201-10 (M057)
Misc : MS13754, MSQ201,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 14 17:35:09 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 17:32:33 2007
Response via : Initial Calibration

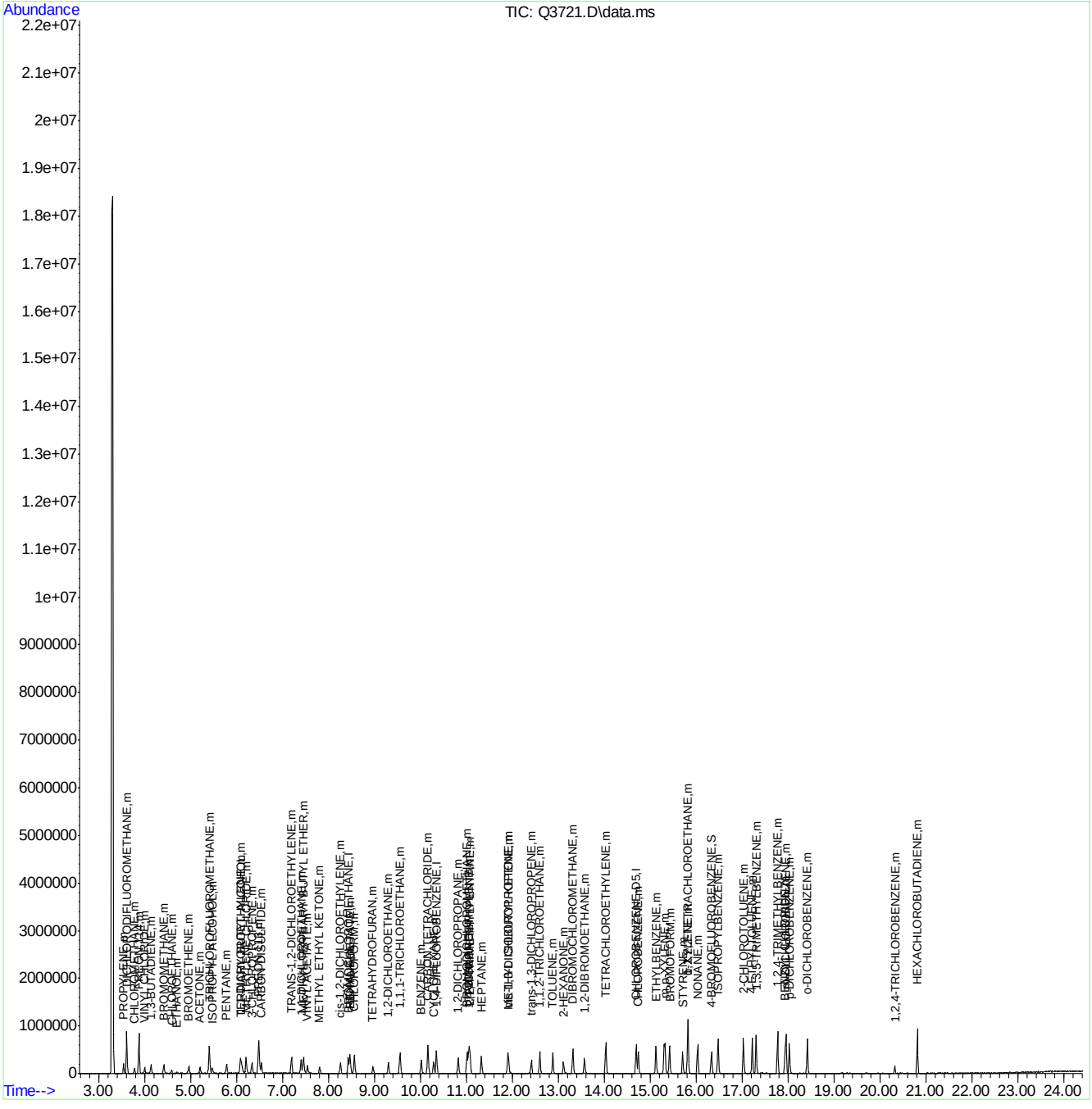
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.922	43	180020	12.92	PPBV	96
45) cis-1,3-DICHLOROPROPENE	11.904	75	138872	12.76	PPBV	90
46) TOLUENE	12.880	92	144851	12.24	PPBV	92
47) trans-1,3-DICHLOROPROPENE	12.415	75	119735	10.26	PPBV #	98
48) 1,1,2-TRICHLOROETHANE	12.595	83	94674	11.73	PPBV #	88
50) 2-HEXANONE	13.113	43	152433	12.40	PPBV	99
51) TETRACHLOROETHYLENE	14.038	164	76773	10.92	PPBV	90
52) DIBROMOCHLOROMETHANE	13.319	129	195424	11.33	PPBV	99
53) 1,2-DIBROMOETHANE	13.571	107	150980	10.86	PPBV	98
54) CHLOROBENZENE	14.737	112	169050	10.03	PPBV #	81
55) ETHYLBENZENE	15.126	91	332765	12.32	PPBV	93
56) m,p-XYLENE	15.326	106	246350m	23.95	PPBV	
57) o-XYLENE	15.830	106	125036	11.38	PPBV	88
58) STYRENE	15.708	104	160447	12.31	PPBV	91
59) NONANE	16.032	43	198625	12.14	PPBV	95
60) BROMOFORM	15.424	173	177045	11.27	PPBV	96
62) 1,1,2,2-TETRACHLOROETHANE	15.821	83	241048	11.15	PPBV	94
63) ISOPROPYLBENZENE	16.478	105	396650	12.63	PPBV	92
64) 2-CHLOROTOLUENE	17.030	91	326858	11.95	PPBV	84
65) 4-ETHYLTOLUENE	17.218	105	355222	11.98	PPBV	95
66) 1,3,5-TRIMETHYLBENZENE	17.307	105	361727	12.83	PPBV	92
67) 1,2,4-TRIMETHYLBENZENE	17.770	105	389277	11.07	PPBV	92
68) m-DICHLOROBENZENE	17.954	146	211747	9.89	PPBV	96
69) BENZYL CHLORIDE	17.933	91	260989	10.61	PPBV	92
70) p-DICHLOROBENZENE	18.029	146	158497	8.58	PPBV	94
71) o-DICHLOROBENZENE	18.421	146	186786	10.80	PPBV	94
72) HEXACHLOROBUTADIENE	20.812	225	87824	11.67	PPBV	96
73) 1,2,4-TRICHLOROBENZENE	20.320	180	24028	9.18	PPBV	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3721.D
Acq On : 14 Jun 2007 5:04 pm
Operator : PhilipB
Sample : ICV201-10 (M057)
Misc : MS13754, MSQ201,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 14 17:35:09 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 17:32:33 2007
Response via : Initial Calibration

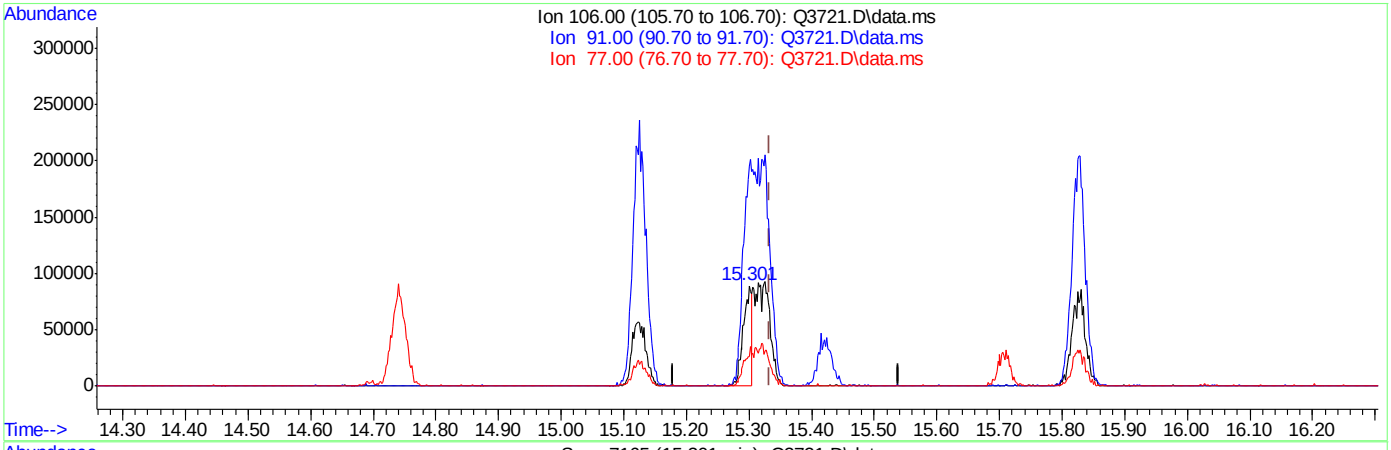


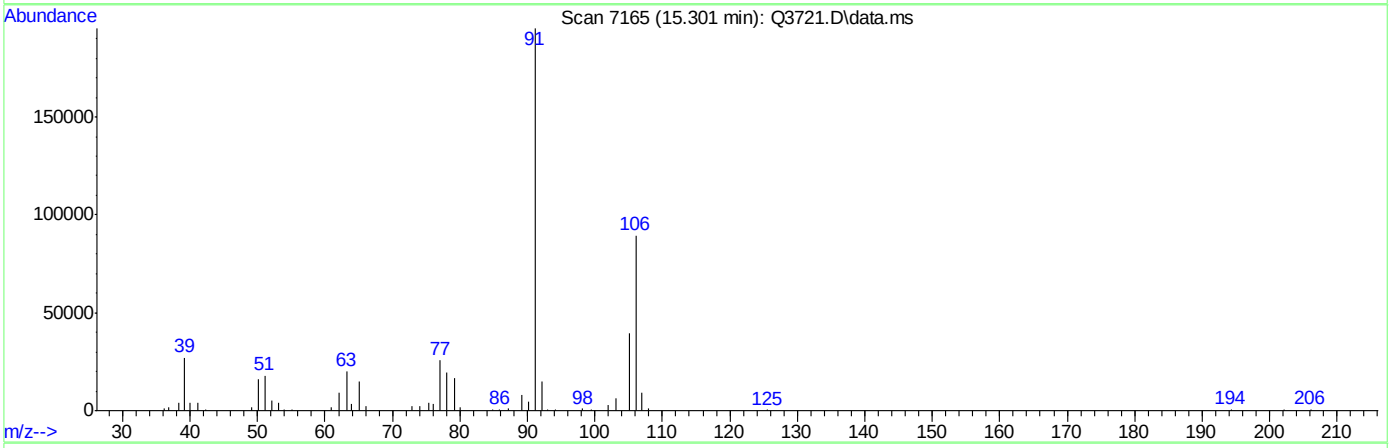
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3721.D
Acq On : 14 Jun 2007 5:04 pm
Operator : PhilipB
Sample : ICV201-10 (M057)
Misc : MS13754, MSQ201,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 14 17:34:59 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 17:32:33 2007
Response via : Initial Calibration





TIC: Q3721.D\data.ms

(56) m,p-XYLENE (m)

15.301min (-0.033) 8.21PPBV

response 84473

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	218.26
77.00	30.60	29.07
0.00	0.00	0.00

ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3721.D
Acq On    : 14 Jun 2007   5:04 pm
Operator  : PhilipB
Sample    : ICV201-10 (M057)
Misc      : MS13754, MSQ201,,,,,1
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Jun 14 17:34:59 2007
Quant Method : C:\msdchem\1\METHODS\Q061407T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 17:32:33 2007
Response via : Initial Calibration
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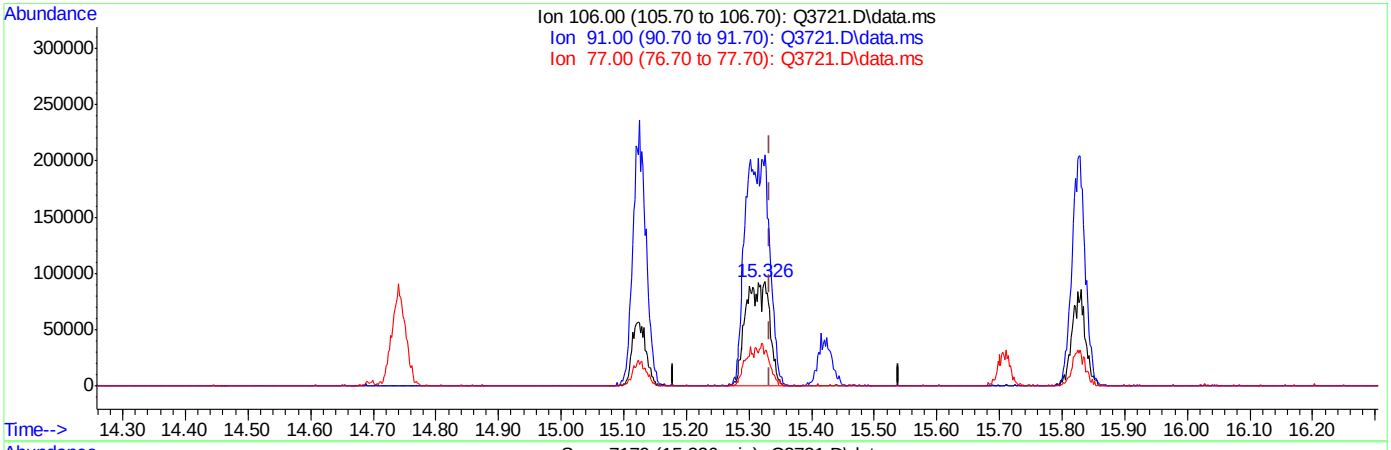
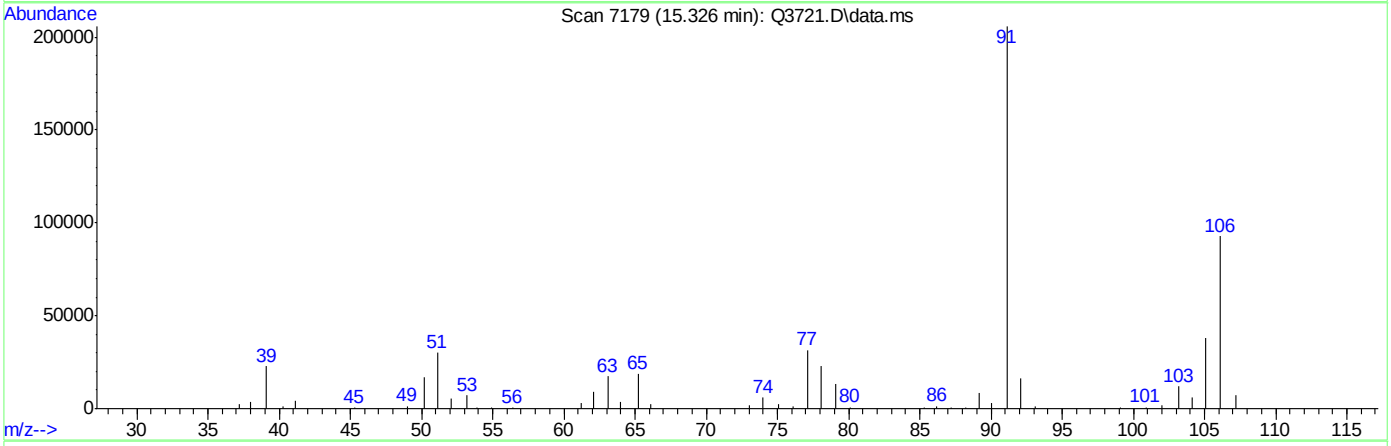




TIC: Q3721.D\data.ms

(56) m,p-XYLENE (m)

15.326min (-0.008) 23.95PPBV m

response 246350

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	222.03
77.00	30.60	34.19
0.00	0.00	0.00

ACCUTEST Laboratories M65803

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
06/28/07 14:05

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3817.D
Acq On : 27 Jun 2007 11:33 am
Operator : PhilipB
Sample : IC205-40 (M041)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:09:47 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 13:09:21 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.637	128	156003	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.467	114	791017	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.709	117	684005	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.327	95	294091	5.32	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 106.40%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.032	85	2614136	38.71	PPBV		97
3) PROPYLENE	3.964	41	920965	64.53	PPBV		98
4) FREON 114	4.296	85	2577139	49.92	PPBV		90
5) CHLOROMETHANE	4.197	50	1242369	62.12	PPBV		100
6) VINYL CHLORIDE	4.422	62	1066975	55.65	PPBV		99
7) 1,3-BUTADIENE	4.557	39	891640	48.21	PPBV		91
8) BROMOMETHANE	4.836	94	833044	51.75	PPBV		99
9) CHLOROETHANE	5.006	64	441903	50.33	PPBV		95
10) TRICHLOROFLUOROMETHANE	5.787	101	2510288	46.83	PPBV		100
11) ISOPROPYL ALCOHOL	5.826	45	1660272	39.46	PPBV		98
12) ACETONE	5.592	43	1375063	40.45	PPBV		97
13) PENTANE	6.142	42	1112411	38.55	PPBV		92
14) 1,1-DICHLOROETHYLENE	6.422	96	783452	45.11	PPBV	#	79
15) CARBON DISULFIDE	6.857	76	2196867	42.99	PPBV		92
16) ETHANOL	5.095	45	321049	50.08	PPBV		99
17) BROMOETHENE	5.370	106	779867	45.00	PPBV		98
18) METHYLENE CHLORIDE	6.538	84	709596	44.47	PPBV		65
19) 3-CHLOROPROPENE	6.656	39	846514	42.58	PPBV		90
20) FREON 113	6.798	151	1193144	50.39	PPBV	#	82
21) TRANS-1,2-DICHLOROETHY...	7.468	96	727053	46.32	PPBV	#	82
22) TERTIARY BUTYL ALCOHOL	6.429	59	2012689	44.65	PPBV		96
23) METHYL TERTIARY BUTYL ...	7.711	73	1690562	46.88	PPBV		92
24) TETRAHYDROFURAN	9.138	42	1005090	44.83	PPBV		97
25) HEXANE	8.669	57	1627024	44.74	PPBV		99
26) VINYL ACETATE	7.791	43	1808277	42.88	PPBV		96
27) 1,1-DICHLOROETHANE	7.665	63	1851077	45.96	PPBV		98
28) METHYL ETHYL KETONE	8.034	43	1835572	44.81	PPBV		98
29) cis-1,2-DICHLOROETHYLENE	8.470	96	762967	45.11	PPBV		98
30) ETHYL ACETATE	8.665	43	3219278	44.83	PPBV		99
31) CHLOROFORM	8.758	83	1773320	45.14	PPBV		97
32) 1,1,1-TRICHLOROETHANE	9.711	97	1694095	47.13	PPBV		94
33) CARBON TETRACHLORIDE	10.293	117	1906303	48.27	PPBV		99
34) 1,2-DICHLOROETHANE	9.466	62	1245516	49.73	PPBV		100
36) BENZENE	10.153	78	2198644	46.20	PPBV		99
37) CYCLOHEXANE	10.415	84	881755	41.37	PPBV		91
38) TRICHLOROETHYLENE	11.152	95	1112398	47.30	PPBV		94
39) 1,2-DICHLOROPROPANE	10.925	63	1006459	45.66	PPBV		91
40) BROMODICHLOROMETHANE	11.113	83	1823602	45.53	PPBV		100
41) 2,2,4-TRIMETHYLPENTANE	11.173	57	5394367	44.13	PPBV		96
42) 1,4-DIOXANE	11.136	88	371935	42.61	PPBV		89
43) HEPTANE	11.409	43	2038558	42.38	PPBV		92

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3817.D
Acq On : 27 Jun 2007 11:33 am
Operator : PhilipB
Sample : IC205-40 (M041)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:09:47 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 13:09:21 2007
Response via : Initial Calibration

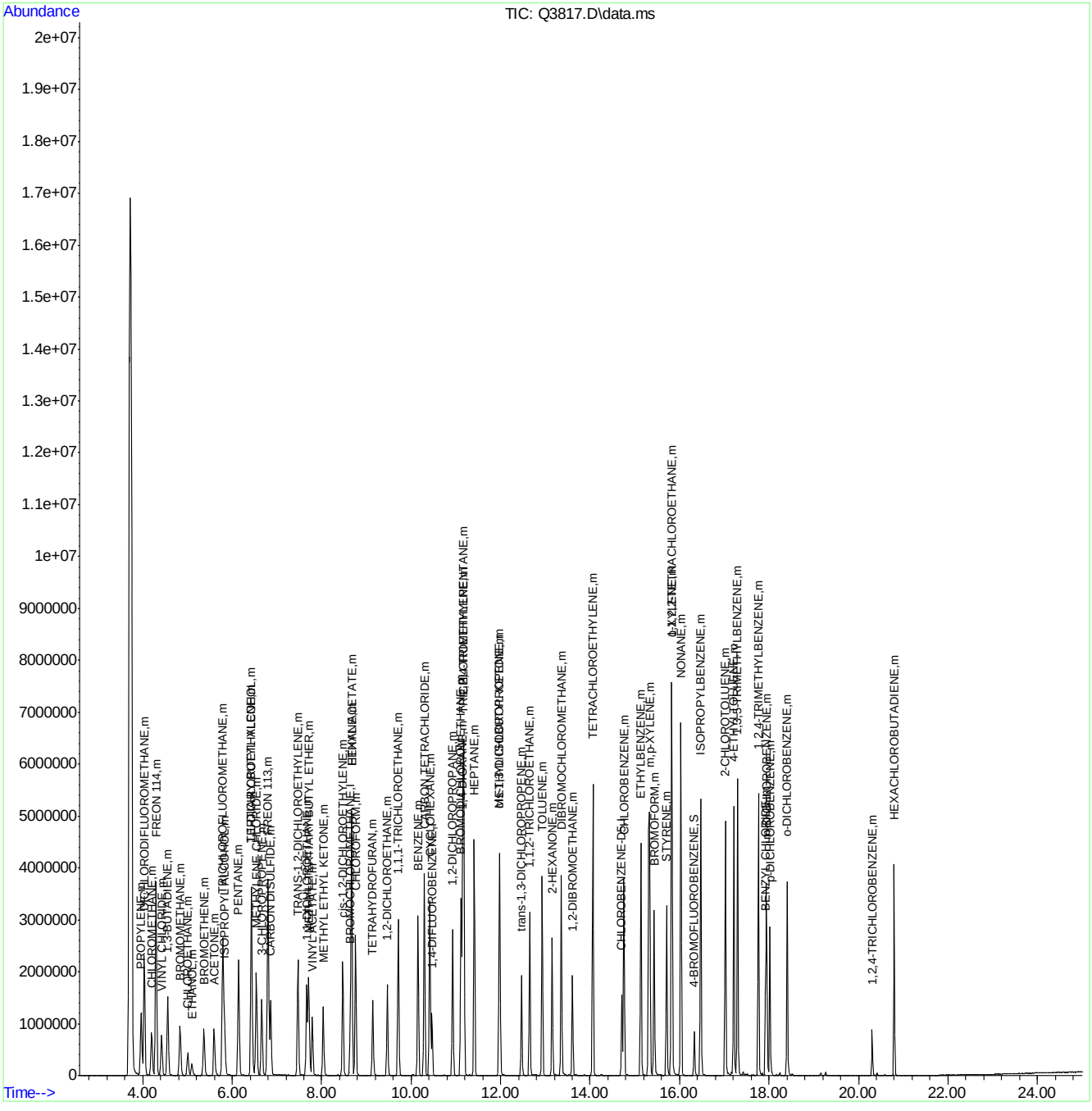
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.983	43	2311503	42.33 PPBV	94
45) cis-1,3-DICHLOROPROPENE	11.968	75	1089879	46.37 PPBV	96
46) TOLUENE	12.930	92	1351754	46.73 PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.465	75	838217	47.94 PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.648	83	774332	44.96 PPBV	95
50) 2-HEXANONE	13.150	43	1849787	43.95 PPBV	95
51) TETRACHLOROETHYLENE	14.063	164	862844	51.54 PPBV	90
52) DIBROMOCHLOROMETHANE	13.356	129	1679696	52.36 PPBV	99
53) 1,2-DIBROMOETHANE	13.606	107	1192308	47.99 PPBV	100
54) CHLOROBENZENE	14.756	112	1673542	48.16 PPBV	97
55) ETHYLBENZENE	15.135	91	2914916	47.08 PPBV	99
56) m,p-XYLENE	15.333	106	2242622m	97.88 PPBV	
57) o-XYLENE	15.830	106	1151704	48.42 PPBV	99
58) STYRENE	15.710	104	1342228	48.73 PPBV	99
59) NONANE	16.031	43	2771132	43.17 PPBV	93
60) BROMOFORM	15.429	173	1260935	58.10 PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.820	83	2041094	46.55 PPBV	99
63) ISOPROPYLBENZENE	16.474	105	3202256	51.76 PPBV #	100
64) 2-CHLOROTOLUENE	17.023	91	2416635	51.96 PPBV	97
65) 4-ETHYLTOLUENE	17.215	105	2858448	52.56 PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.298	105	2716769	52.56 PPBV	100
67) 1,2,4-TRIMETHYLBENZENE	17.763	105	2518914	53.14 PPBV	99
68) m-DICHLOROBENZENE	17.946	146	1102657	56.20 PPBV	97
69) BENZYL CHLORIDE	17.923	91	1141769	52.96 PPBV	98
70) p-DICHLOROBENZENE	18.019	146	896753	52.83 PPBV	97
71) o-DICHLOROBENZENE	18.405	146	1132702	53.91 PPBV	98
72) HEXACHLOROBUTADIENE	20.798	225	353308	40.80 PPBV	100
73) 1,2,4-TRICHLOROBENZENE	20.306	180	157950	46.57 PPBV	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3817.D
Acq On : 27 Jun 2007 11:33 am
Operator : PhilipB
Sample : IC205-40 (M041)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:09:47 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 13:09:21 2007
Response via : Initial Calibration

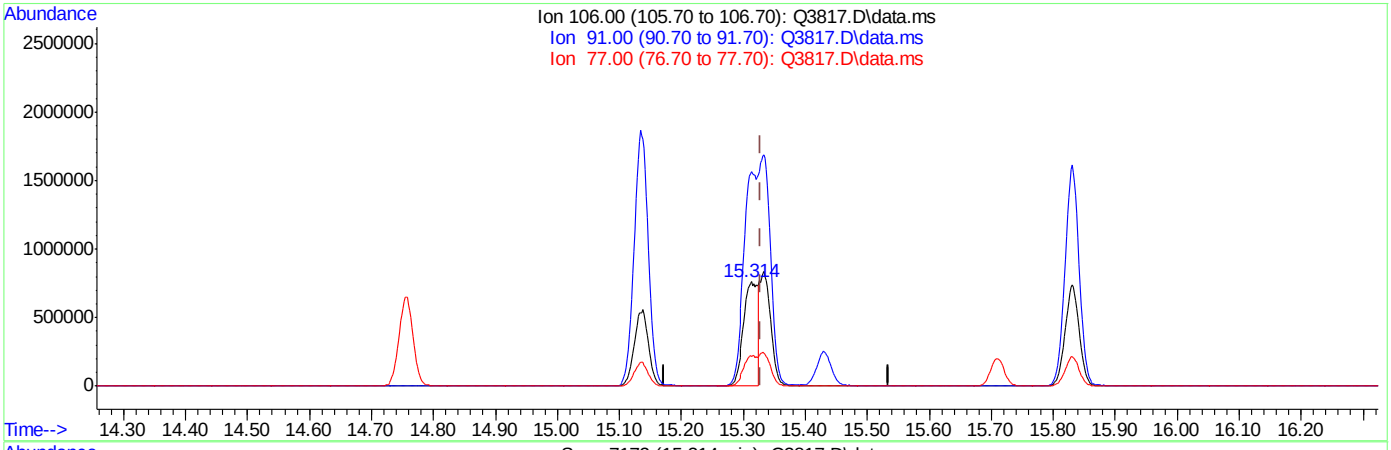


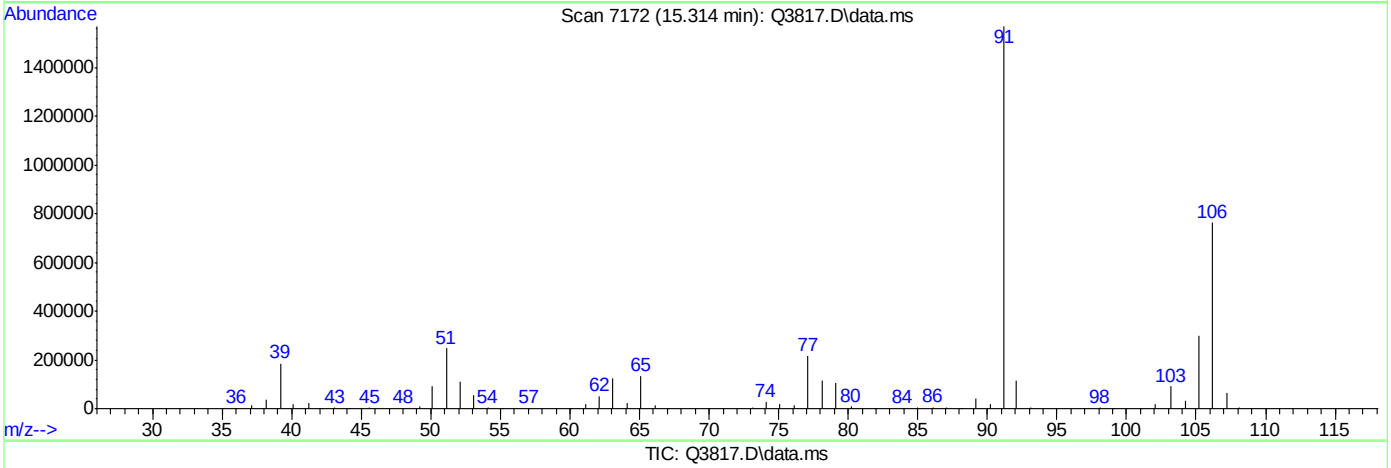
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3817.D
Acq On : 27 Jun 2007 11:33 am
Operator : PhilipB
Sample : IC205-40 (M041)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:09:27 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 13:09:21 2007
Response via : Initial Calibration





TIC: Q3817.D\data.ms

(56) m,p-XYLENE (m)

15.314min (-0.015) 53.46PPBV

response 1225036

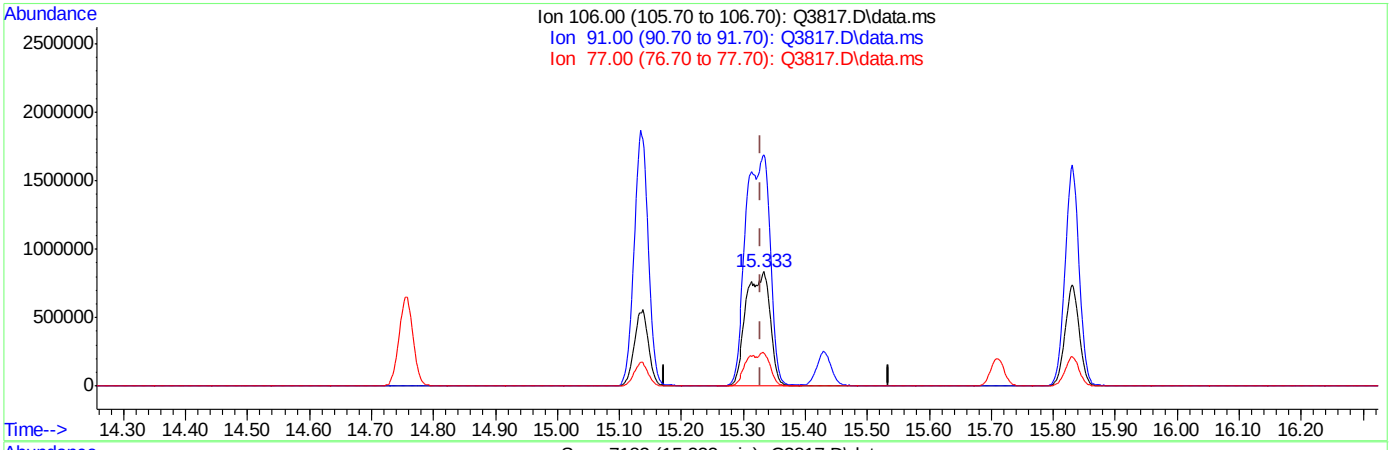
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	205.45
77.00	27.30	28.27
0.00	0.00	0.00

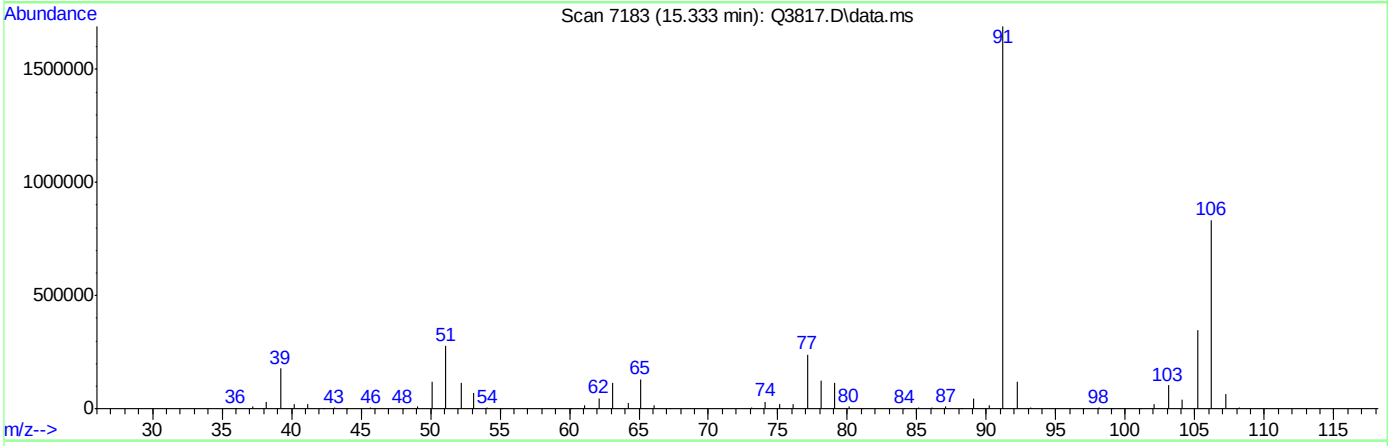
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3817.D
Acq On : 27 Jun 2007 11:33 am
Operator : PhilipB
Sample : IC205-40 (M041)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:09:27 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 13:09:21 2007
Response via : Initial Calibration





TIC: Q3817.D\data.ms

(56) m,p-XYLENE (m)

15.333min (+0.004) 97.88PPBV m

response 2242622

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	202.86
77.00	27.30	28.75
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
06/28/07 14:05

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3818.D
Acq On : 27 Jun 2007 12:21 pm
Operator : PhilipB
Sample : IC205-20 (M041)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:09:03 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:41:33 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.630	128	163216	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.463	114	788263	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.708	117	681218	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.329	95	275189	4.73	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 94.60%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.030	85	1412985	13.59	PPBV		99
3) PROPYLENE	3.964	41	298633	11.34	PPBV		95
4) FREON 114	4.291	85	1080230	11.98	PPBV		94
5) CHLOROMETHANE	4.196	50	418472	11.51	PPBV		97
6) VINYL CHLORIDE	4.417	62	401160	11.91	PPBV		99
7) 1,3-BUTADIENE	4.550	39	386965	13.96	PPBV		83
8) BROMOMETHANE	4.830	94	336844	11.82	PPBV		100
9) CHLOROETHANE	5.006	64	183708	15.69	PPBV		91
10) TRICHLOROFLUOROMETHANE	5.785	101	1121666	11.30	PPBV		99
11) ISOPROPYL ALCOHOL	5.819	45	880485	18.37	PPBV		98
12) ACETONE	5.590	43	711400	16.28	PPBV		96
13) PENTANE	6.140	42	603803	19.89	PPBV		88
14) 1,1-DICHLOROETHYLENE	6.420	96	363431	13.69	PPBV	#	78
15) CARBON DISULFIDE	6.855	76	1069213	14.45	PPBV		90
16) ETHANOL	5.087	45	134136	15.00	PPBV		98
17) BROMOETHENE	5.363	106	362636	13.49	PPBV	#	98
18) METHYLENE CHLORIDE	6.536	84	333890	14.64	PPBV		51
19) 3-CHLOROPROPENE	6.653	39	415952	17.34	PPBV		84
20) FREON 113	6.795	151	495462	11.38	PPBV	#	75
21) TRANS-1,2-DICHLOROETHY...	7.464	96	328456	14.02	PPBV	#	79
22) TERTIARY BUTYL ALCOHOL	6.422	59	943265	15.94	PPBV		91
23) METHYL TERTIARY BUTYL ...	7.707	73	754549	14.80	PPBV		86
24) TETRAHYDROFURAN	9.136	42	469128	16.54	PPBV		99
25) HEXANE	8.665	57	761012	14.92	PPBV		99
26) VINYL ACETATE	7.785	43	882470	18.98	PPBV		95
27) 1,1-DICHLOROETHANE	7.663	63	842745	17.71	PPBV		97
28) METHYL ETHYL KETONE	8.026	43	857137	14.96	PPBV		99
29) cis-1,2-DICHLOROETHYLENE	8.468	96	353876	18.08	PPBV		97
30) ETHYL ACETATE	8.660	43	1502658	15.25	PPBV		99
31) CHLOROFORM	8.754	83	821949	14.65	PPBV		96
32) 1,1,1-TRICHLOROETHANE	9.705	97	752187	12.75	PPBV		94
33) CARBON TETRACHLORIDE	10.291	117	826443	11.82	PPBV		98
34) 1,2-DICHLOROETHANE	9.464	62	524066	12.67	PPBV		99
36) BENZENE	10.147	78	948579	17.70	PPBV		99
37) CYCLOHEXANE	10.412	84	424836	15.40	PPBV		91
38) TRICHLOROETHYLENE	11.146	95	468701	15.49	PPBV		93
39) 1,2-DICHLOROPROPANE	10.923	63	439354	18.50	PPBV		91
40) BROMODICHLOROMETHANE	11.107	83	798269	15.24	PPBV		100
41) 2,2,4-TRIMETHYLPENTANE	11.170	57	2436215	17.82	PPBV		96
42) 1,4-DIOXANE	11.131	88	173967	17.31	PPBV		93
43) HEPTANE	11.407	43	958736	17.11	PPBV		90

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3818.D
Acq On : 27 Jun 2007 12:21 pm
Operator : PhilipB
Sample : IC205-20 (M041)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:09:03 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:41:33 2007
Response via : Initial Calibration

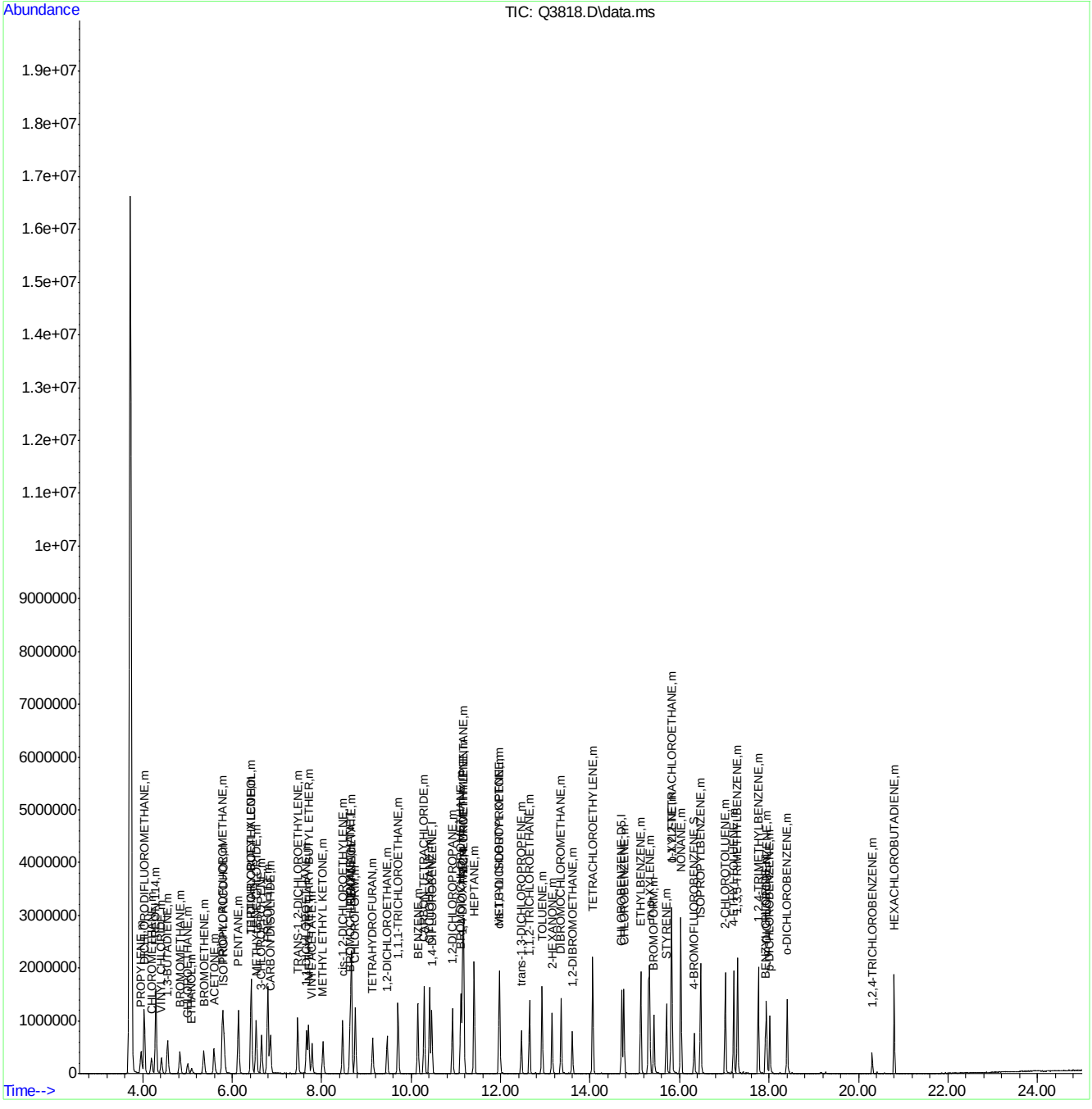
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.977	43	1088249	17.43	PPBV	92
45) cis-1,3-DICHLOROPROPENE	11.961	75	468417	16.01	PPBV	95
46) TOLUENE	12.925	92	576524	15.97	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.463	75	348502	12.43	PPBV	95
48) 1,1,2-TRICHLOROETHANE	12.646	83	343246	17.55	PPBV	94
50) 2-HEXANONE	13.148	43	838426	16.54	PPBV	93
51) TETRACHLOROETHYLENE	14.059	164	333455	14.07	PPBV	90
52) DIBROMOCHLOROMETHANE	13.353	129	638925	14.60	PPBV	100
53) 1,2-DIBROMOETHANE	13.601	107	494858	14.72	PPBV	99
54) CHLOROBENZENE	14.753	112	692186	15.18	PPBV	97
55) ETHYLBENZENE	15.133	91	1233308	15.67	PPBV	99
56) m,p-XYLENE	15.326	106	912782m	31.38	PPBV	
57) o-XYLENE	15.828	106	473805	16.56	PPBV	99
58) STYRENE	15.708	104	548638	11.34	PPBV	99
59) NONANE	16.029	43	1278698	18.85	PPBV	90
60) BROMOFORM	15.424	173	432321	11.16	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.814	83	873446	18.31	PPBV	99
63) ISOPROPYLBENZENE	16.471	105	1232325	14.40	PPBV #	100
64) 2-CHLOROTOLUENE	17.021	91	926409	14.21	PPBV	96
65) 4-ETHYLTOLUENE	17.213	105	1083157	14.48	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.296	105	1029593	14.04	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.759	105	944148	13.94	PPBV	99
68) m-DICHLOROBENZENE	17.944	146	390820	8.70	PPBV	97
69) BENZYL CHLORIDE	17.923	91	429461	8.88	PPBV	97
70) p-DICHLOROBENZENE	18.017	146	338106	8.07	PPBV	97
71) o-DICHLOROBENZENE	18.405	146	418514	9.80	PPBV	96
72) HEXACHLOROBUTADIENE	20.798	225	172501	11.24	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.308	180	67558	7.40	PPBV	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3818.D
Acq On : 27 Jun 2007 12:21 pm
Operator : PhilipB
Sample : IC205-20 (M041)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 1 Sample Multiplier: 1

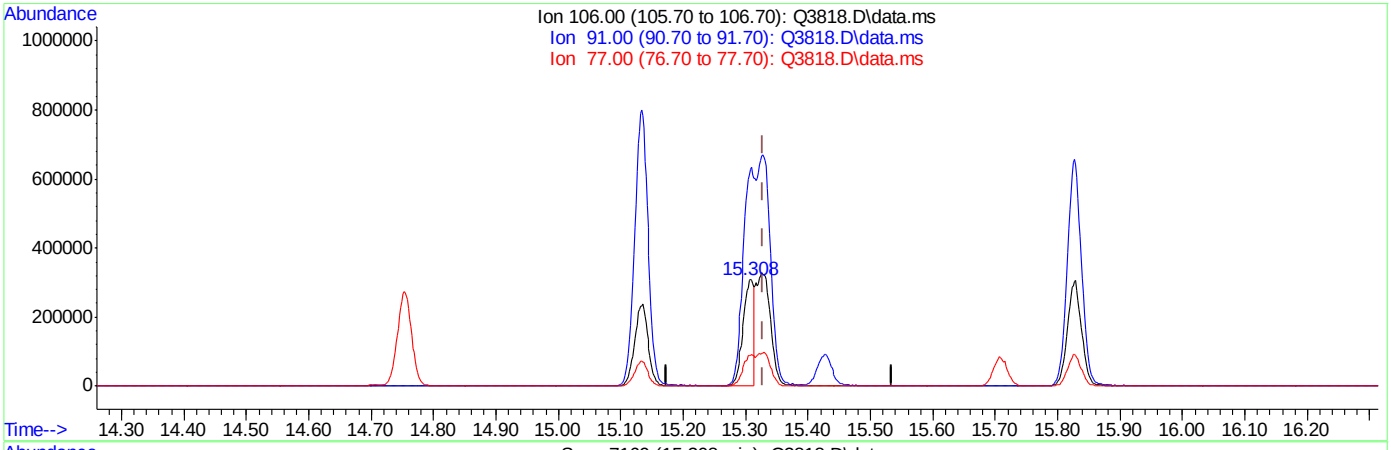
Quant Time: Jun 27 13:09:03 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:41:33 2007
Response via : Initial Calibration

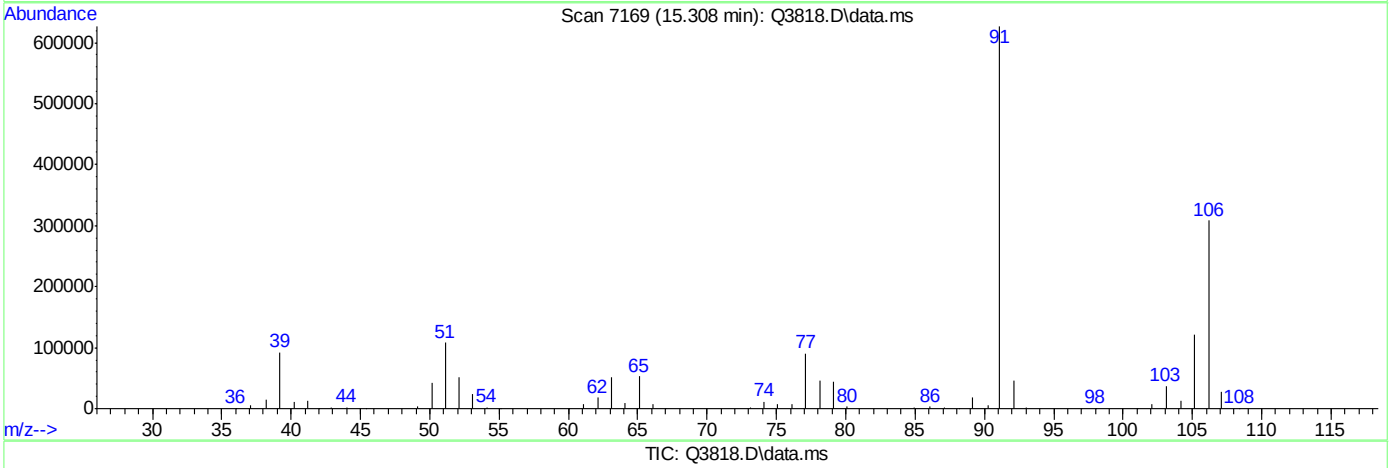


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3818.D
Acq On : 27 Jun 2007 12:21 pm
Operator : PhilipB
Sample : IC205-20 (M041)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:08:28 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:41:33 2007
Response via : Initial Calibration





TIC: Q3818.D\data.ms

(56) m,p-XYLENE (m)

15.308min (-0.021) 12.94PPBV

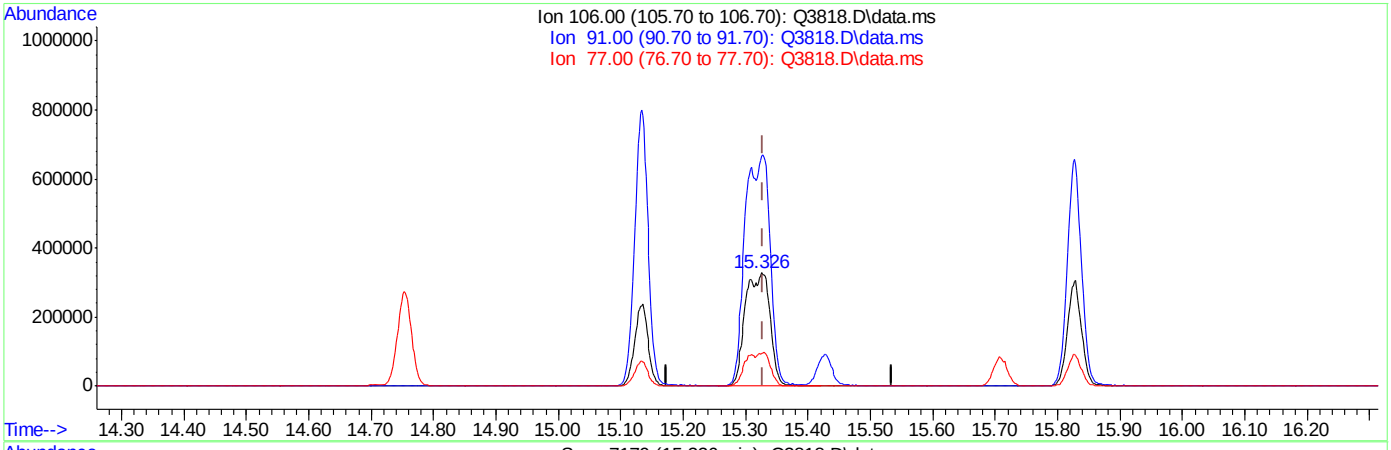
response 376359

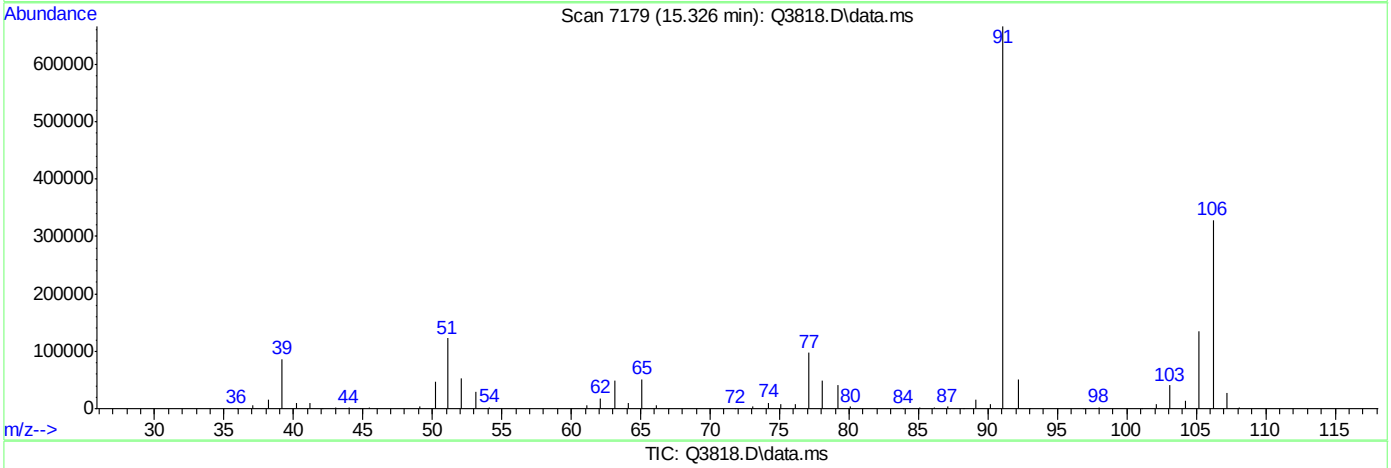
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	203.32
77.00	27.30	29.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3818.D
Acq On : 27 Jun 2007 12:21 pm
Operator : PhilipB
Sample : IC205-20 (M041)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:08:28 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:41:33 2007
Response via : Initial Calibration





TIC: Q3818.D\data.ms

(56) m,p-XYLENE (m)

15.326min (-0.003) 31.38PPBV m

response 912782

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	202.41
77.00	27.30	29.47
0.00	0.00	0.00

ACCUTEST Laboratories M65803

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
06/28/07 14:05

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3819.D
Acq On : 27 Jun 2007 1:10 pm
Operator : PhilipB
Sample : IC205-10 (M041)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:50:07 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 13:10:02 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.628	128	151304	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.456	114	722387	10.00	PPBV	-0.01
49) CHLOROBENZENE-D5	14.707	117	615880	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.327	95	250797	4.88	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 97.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.031	85	600898	9.33	PPBV	97
3) PROPYLENE	3.960	41	221713	12.26	PPBV	97
4) FREON 114	4.290	85	555646	9.87	PPBV	90
5) CHLOROMETHANE	4.195	50	286894	11.59	PPBV	96
6) VINYL CHLORIDE	4.411	62	244088	10.98	PPBV	98
7) 1,3-BUTADIENE	4.550	39	209039	10.57	PPBV	90
8) BROMOMETHANE	4.826	94	186984	10.44	PPBV	99
9) CHLOROETHANE	5.002	64	102476	10.66	PPBV	95
10) TRICHLOROFLUOROMETHANE	5.779	101	533691	9.46	PPBV	100
11) ISOPROPYL ALCOHOL	5.811	45	426052	10.51	PPBV	99
12) ACETONE	5.588	43	340471	10.27	PPBV	97
13) PENTANE	6.138	42	267059	9.72	PPBV	90
14) 1,1-DICHLOROETHYLENE	6.418	96	173890	9.70	PPBV #	77
15) CARBON DISULFIDE	6.850	76	491406	9.56	PPBV	92
16) ETHANOL	5.084	45	81219	11.60	PPBV	96
17) BROMOETHENE	5.361	106	174975	9.80	PPBV	99
18) METHYLENE CHLORIDE	6.528	84	163169	9.99	PPBV	61
19) 3-CHLOROPROPENE	6.651	39	178325	8.96	PPBV	88
20) FREON 113	6.791	151	256138	9.87	PPBV #	79
21) TRANS-1,2-DICHLOROETHY...	7.460	96	162783	9.91	PPBV #	83
22) TERTIARY BUTYL ALCOHOL	6.418	59	476902	10.31	PPBV	92
23) METHYL TERTIARY BUTYL ...	7.702	73	386095	10.17	PPBV	88
24) TETRAHYDROFURAN	9.137	42	227833	9.88	PPBV	99
25) HEXANE	8.660	57	358446	9.59	PPBV	98
26) VINYL ACETATE	7.778	43	407862	9.63	PPBV	95
27) 1,1-DICHLOROETHANE	7.654	63	378707	9.02	PPBV	98
28) METHYL ETHYL KETONE	8.025	43	424844	10.09	PPBV	98
29) cis-1,2-DICHLOROETHYLENE	8.465	96	157504	9.03	PPBV	96
30) ETHYL ACETATE	8.655	43	737616	9.99	PPBV	99
31) CHLOROFORM	8.747	83	370620	9.14	PPBV	97
32) 1,1,1-TRICHLOROETHANE	9.705	97	329851	8.69	PPBV	94
33) CARBON TETRACHLORIDE	10.286	117	371814	8.80	PPBV	98
34) 1,2-DICHLOROETHANE	9.457	62	232067	8.52	PPBV	99
36) BENZENE	10.144	78	408389	8.72	PPBV	99
37) CYCLOHEXANE	10.408	84	199728	10.09	PPBV	95
38) TRICHLOROETHYLENE	11.141	95	218515	9.32	PPBV	93
39) 1,2-DICHLOROPROPANE	10.917	63	198023	9.19	PPBV	91
40) BROMODICHLOROMETHANE	11.100	83	337930	8.64	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.164	57	1097655	9.35	PPBV	97
42) 1,4-DIOXANE	11.136	88	82232	9.99	PPBV #	54
43) HEPTANE	11.402	43	432058	9.55	PPBV	89

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3819.D
Acq On : 27 Jun 2007 1:10 pm
Operator : PhilipB
Sample : IC205-10 (M041)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:50:07 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 13:10:02 2007
Response via : Initial Calibration

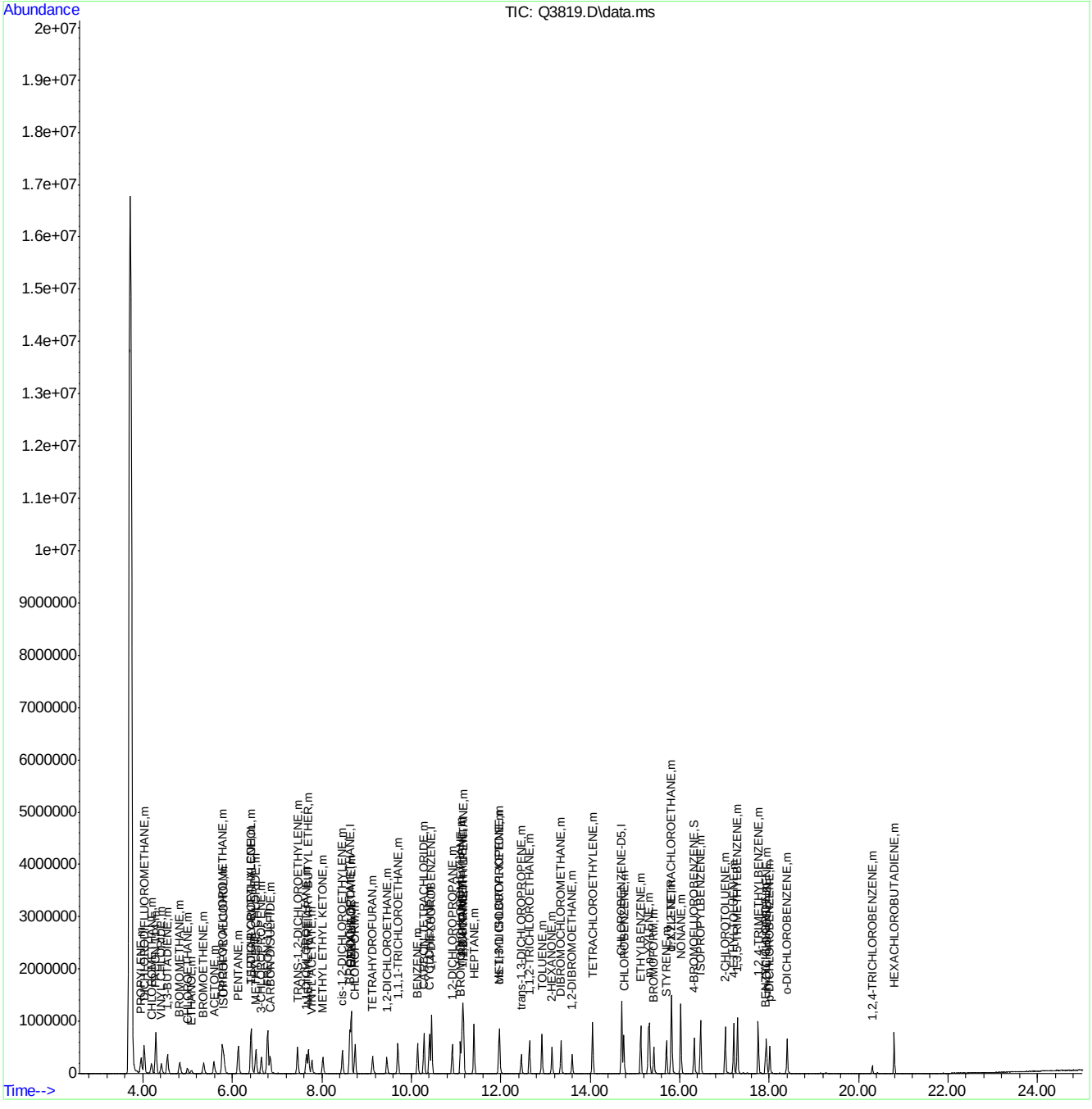
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.975	43	521046	10.15	PPBV	91
45) cis-1,3-DICHLOROPROPENE	11.961	75	204226	8.81	PPBV	92
46) TOLUENE	12.921	92	262557	9.17	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.458	75	158880	9.05	PPBV	95
48) 1,1,2-TRICHLOROETHANE	12.644	83	155770	9.33	PPBV	95
50) 2-HEXANONE	13.145	43	386694	9.72	PPBV	93
51) TETRACHLOROETHYLENE	14.059	164	151784	8.80	PPBV	92
52) DIBROMOCHLOROMETHANE	13.351	129	272361	8.17	PPBV	98
53) 1,2-DIBROMOETHANE	13.599	107	226180	9.19	PPBV	100
54) CHLOROBENZENE	14.751	112	316915	9.19	PPBV	98
55) ETHYLBENZENE	15.131	91	578829	9.54	PPBV	100
56) m,p-XYLENE	15.328	106	437850m	19.09	PPBV	
57) o-XYLENE	15.823	106	226116	9.55	PPBV	98
58) STYRENE	15.706	104	258331	9.39	PPBV	99
59) NONANE	16.025	43	577513	9.61	PPBV	91
60) BROMOFORM	15.425	173	198538	8.29	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.810	83	418026	9.79	PPBV	98
63) ISOPROPYLBENZENE	16.469	105	611348	9.57	PPBV #	100
64) 2-CHLOROTOLUENE	17.021	91	459530	9.55	PPBV	97
65) 4-ETHYLTOLUENE	17.209	105	531331	9.38	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.292	105	498908	9.27	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.757	105	457662	9.21	PPBV	100
68) m-DICHLOROBENZENE	17.942	146	196725	9.26	PPBV	97
69) BENZYL CHLORIDE	17.919	91	195469	8.67	PPBV	98
70) p-DICHLOROBENZENE	18.017	146	166289	9.38	PPBV	99
71) o-DICHLOROBENZENE	18.403	146	205375	9.25	PPBV	98
72) HEXACHLOROBUTADIENE	20.798	225	67614	8.59	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.308	180	30033	9.09	PPBV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3819.D
Acq On : 27 Jun 2007 1:10 pm
Operator : PhilipB
Sample : IC205-10 (M041)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 1 Sample Multiplier: 1

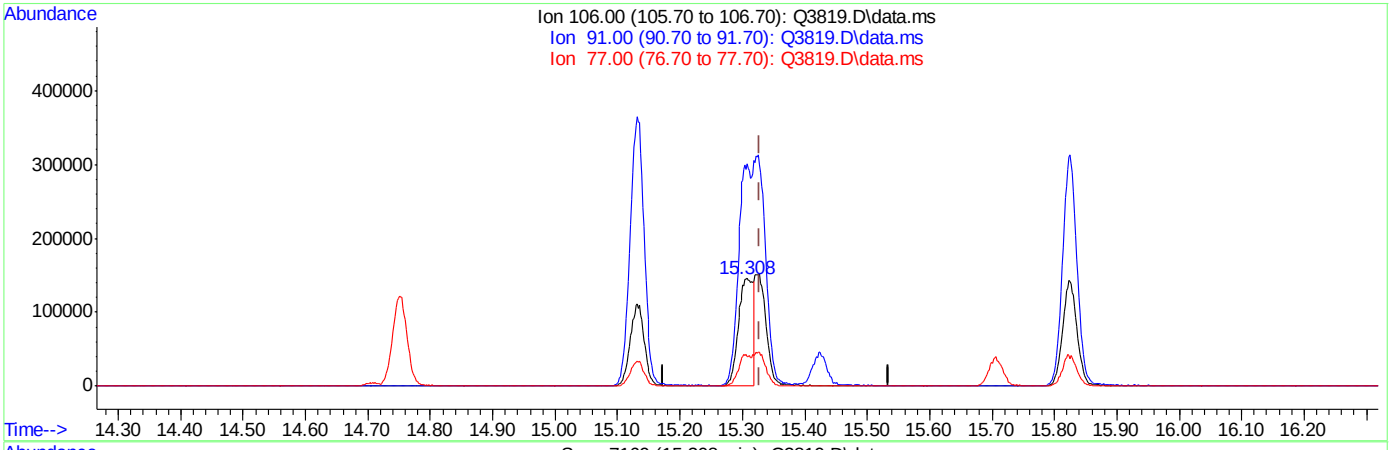
Quant Time: Jun 27 13:50:07 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 13:10:02 2007
Response via : Initial Calibration

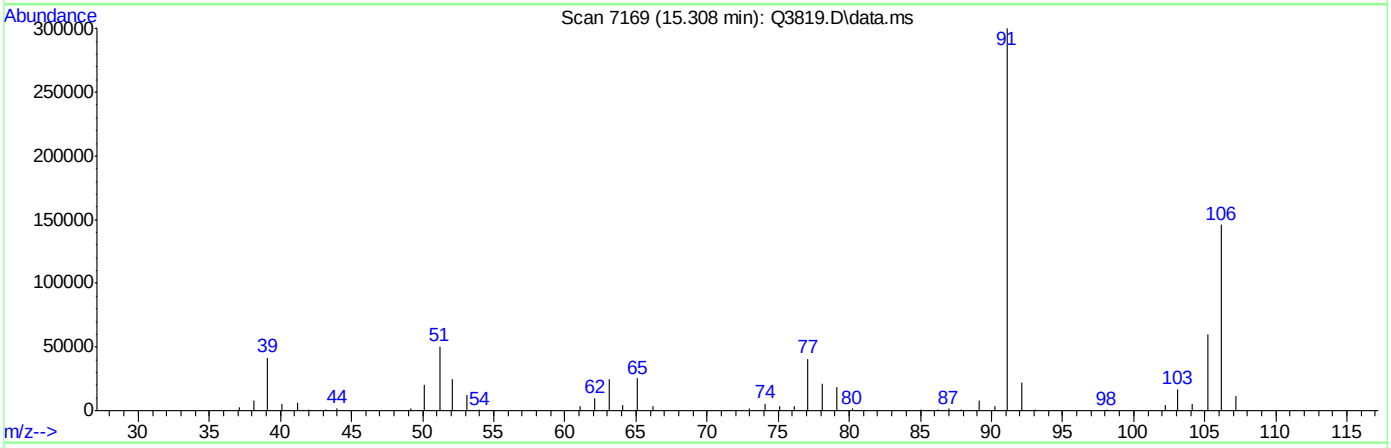


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3819.D
Acq On : 27 Jun 2007 1:10 pm
Operator : PhilipB
Sample : IC205-10 (M041)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:48:27 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 13:10:02 2007
Response via : Initial Calibration





TIC: Q3819.D\data.ms

(56) m,p-XYLENE (m)

15.308min (-0.021) 10.80PPBV

response 247795

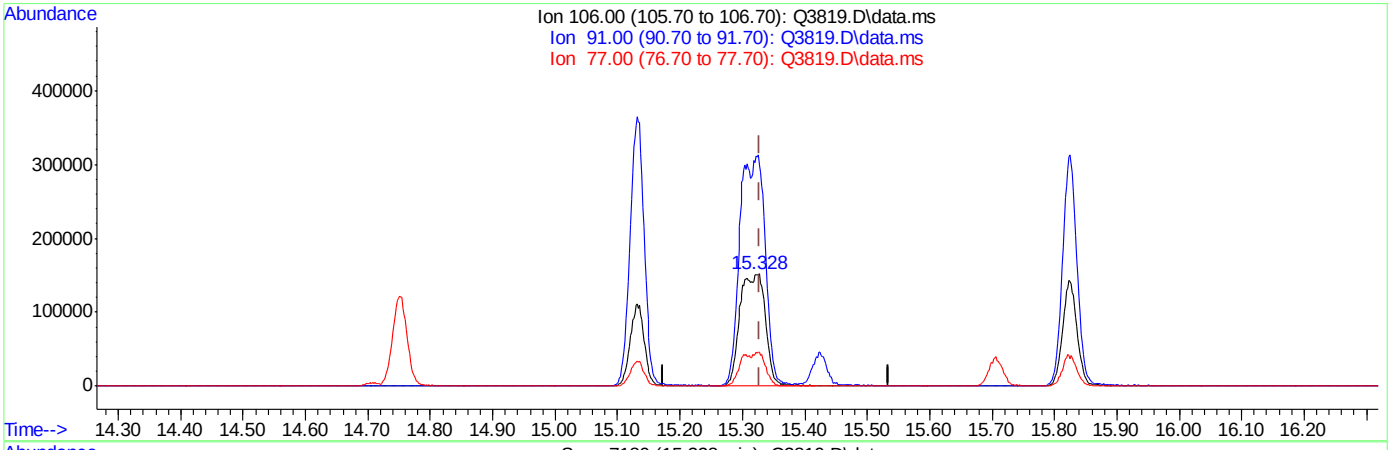
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	205.97
77.00	27.30	27.92
0.00	0.00	0.00

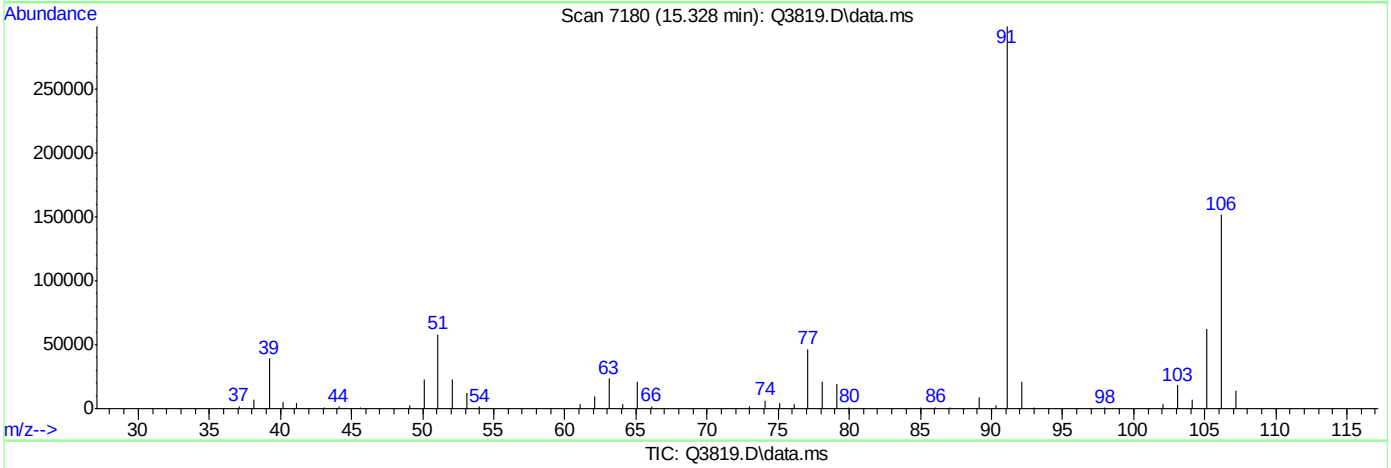
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3819.D
Acq On : 27 Jun 2007 1:10 pm
Operator : PhilipB
Sample : IC205-10 (M041)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:48:27 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 13:10:02 2007
Response via : Initial Calibration





TIC: Q3819.D\data.ms

(56) m,p-XYLENE (m)

15.328min (-0.001) 19.09PPBV m

response 437850

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	197.26
77.00	27.30	30.81
0.00	0.00	0.00

ACCUTEST Laboratories M65803

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 06/28/07 14:05

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3820.D
Acq On : 27 Jun 2007 2:02 pm
Operator : PhilipB
Sample : IC205-5 (M041)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 15:02:38 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 13:50:19 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.619	128	155097	10.00	PPBV	-0.01
35) 1,4-DIFLUOROBENZENE	10.451	114	746537	10.00	PPBV	-0.02
49) CHLOROBENZENE-D5	14.705	117	628368	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.325	95	240818	4.63	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 92.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.028	85	335794	5.20	PPBV	97
3) PROPYLENE	3.955	41	117173	5.88	PPBV	92
4) FREON 114	4.291	85	301635	5.25	PPBV	89
5) CHLOROMETHANE	4.193	50	161715	6.05	PPBV	92
6) VINYL CHLORIDE	4.408	62	134055	5.70	PPBV	99
7) 1,3-BUTADIENE	4.546	39	110858	5.37	PPBV	89
8) BROMOMETHANE	4.819	94	101555	5.45	PPBV	100
9) CHLOROETHANE	4.990	64	53077	5.27	PPBV	95
10) TRICHLOROFLUOROMETHANE	5.776	101	268084	4.72	PPBV	99
11) ISOPROPYL ALCOHOL	5.813	45	214371	5.07	PPBV	98
12) ACETONE	5.583	43	175518	5.12	PPBV	97
13) PENTANE	6.129	42	136990	4.91	PPBV	90
14) 1,1-DICHLOROETHYLENE	6.408	96	86763	4.77	PPBV #	79
15) CARBON DISULFIDE	6.844	76	253444	4.88	PPBV	90
16) ETHANOL	5.079	45	42308	5.60	PPBV	95
17) BROMOETHENE	5.354	106	89734	4.94	PPBV #	98
18) METHYLENE CHLORIDE	6.523	84	85562	5.11	PPBV	58
19) 3-CHLOROPROPENE	6.642	39	86237	4.38	PPBV	86
20) FREON 113	6.781	151	126965	4.79	PPBV #	77
21) TRANS-1,2-DICHLOROETHY...	7.453	96	81173	4.84	PPBV #	81
22) TERTIARY BUTYL ALCOHOL	6.417	59	230687	4.82	PPBV	89
23) METHYL TERTIARY BUTYL ...	7.695	73	193652	4.95	PPBV	88
24) TETRAHYDROFURAN	9.130	42	116305	4.94	PPBV	97
25) HEXANE	8.649	57	182642	4.83	PPBV	99
26) VINYL ACETATE	7.774	43	213023	4.97	PPBV	94
27) 1,1-DICHLOROETHANE	7.647	63	186685	4.49	PPBV	98
28) METHYL ETHYL KETONE	8.019	43	219424	5.07	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.452	96	78518	4.54	PPBV	95
30) ETHYL ACETATE	8.649	43	363352	4.80	PPBV	99
31) CHLOROFORM	8.736	83	189543	4.69	PPBV	97
32) 1,1,1-TRICHLOROETHANE	9.697	97	166614	4.48	PPBV	94
33) CARBON TETRACHLORIDE	10.280	117	187184	4.50	PPBV	99
34) 1,2-DICHLOROETHANE	9.450	62	121118	4.56	PPBV	99
36) BENZENE	10.133	78	216419	4.67	PPBV	98
37) CYCLOHEXANE	10.399	84	101489	4.95	PPBV	95
38) TRICHLOROETHYLENE	11.136	95	103906	4.39	PPBV	94
39) 1,2-DICHLOROPROPANE	10.914	63	104242	4.81	PPBV	91
40) BROMODICHLOROMETHANE	11.099	83	168787	4.37	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.159	57	534325	4.50	PPBV	96
42) 1,4-DIOXANE	11.132	88	39805	4.68	PPBV #	31
43) HEPTANE	11.399	43	209799	4.56	PPBV	90

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3820.D
Acq On : 27 Jun 2007 2:02 pm
Operator : PhilipB
Sample : IC205-5 (M041)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 15:02:38 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 13:50:19 2007
Response via : Initial Calibration

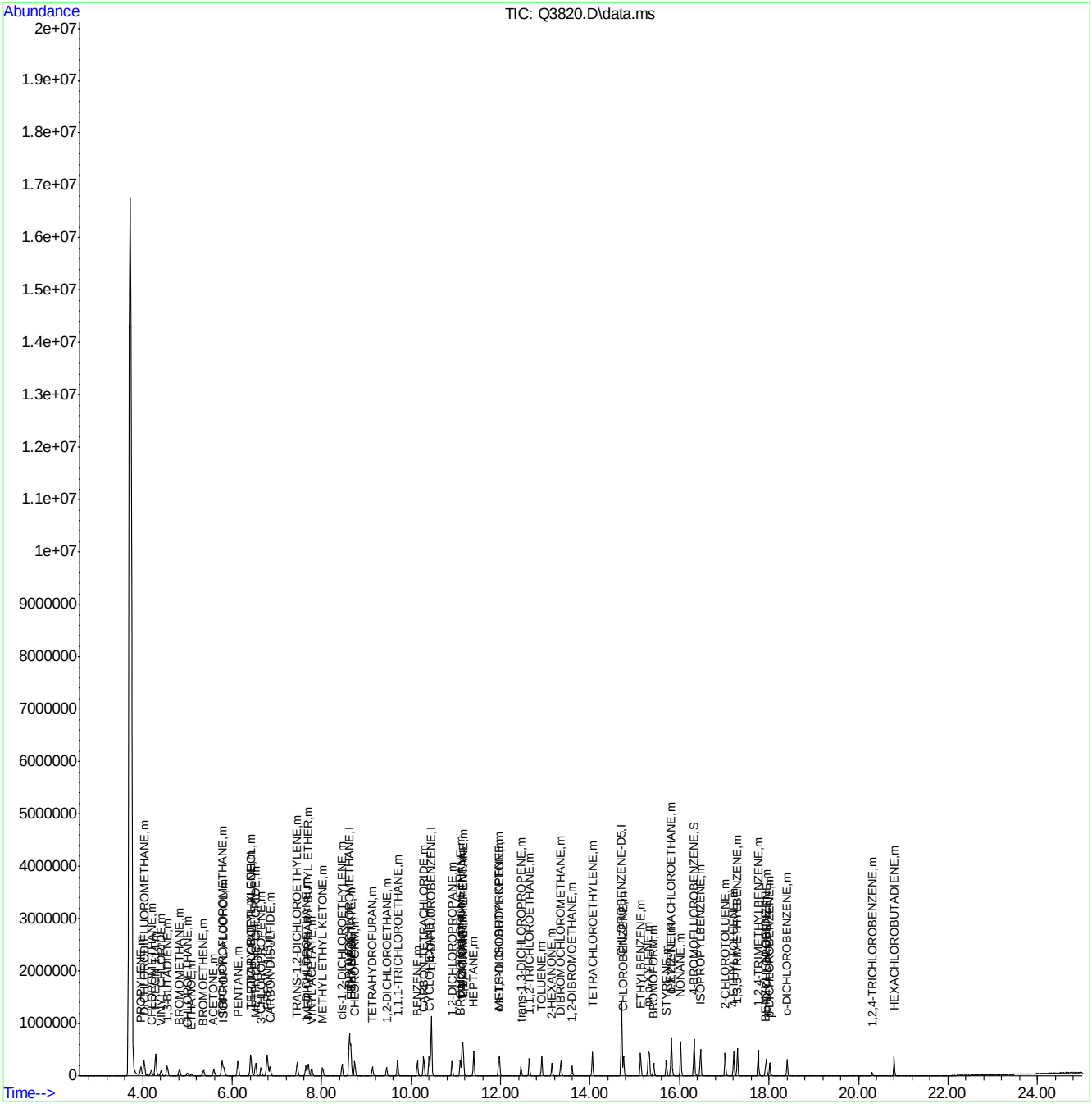
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.972	43	245634	4.61	PPBV		92
45) cis-1,3-DICHLOROPROPENE	11.954	75	102211	4.44	PPBV		94
46) TOLUENE	12.920	92	134384	4.67	PPBV		99
47) trans-1,3-DICHLOROPROPENE	12.458	75	78043	4.44	PPBV		94
48) 1,1,2-TRICHLOROETHANE	12.639	83	81367	4.82	PPBV		94
50) 2-HEXANONE	13.143	43	180980	4.50	PPBV		93
51) TETRACHLOROETHYLENE	14.052	164	72495	4.29	PPBV		92
52) DIBROMOCHLOROMETHANE	13.345	129	134106	4.20	PPBV		100
53) 1,2-DIBROMOETHANE	13.596	107	115425	4.73	PPBV		99
54) CHLOROBENZENE	14.749	112	162182	4.74	PPBV		96
55) ETHYLBENZENE	15.129	91	285994	4.69	PPBV		99
56) m,p-XYLENE	15.303	106	215041m	9.33	PPBV		
57) o-XYLENE	15.823	106	108448	4.56	PPBV		98
58) STYRENE	15.706	104	125585	4.57	PPBV		97
59) NONANE	16.025	43	278177	4.60	PPBV		91
60) BROMOFORM	15.424	173	89400	3.88	PPBV		98
62) 1,1,2,2-TETRACHLOROETHANE	15.809	83	197003	4.55	PPBV		99
63) ISOPROPYLBENZENE	16.469	105	296186	4.61	PPBV	#	100
64) 2-CHLOROTOLUENE	17.021	91	216618	4.48	PPBV		97
65) 4-ETHYLTOLUENE	17.207	105	250595	4.43	PPBV		99
66) 1,3,5-TRIMETHYLBENZENE	17.294	105	240574	4.49	PPBV		98
67) 1,2,4-TRIMETHYLBENZENE	17.759	105	221157	4.48	PPBV		99
68) m-DICHLOROBENZENE	17.942	146	92385	4.37	PPBV		96
69) BENZYL CHLORIDE	17.919	91	86449	3.93	PPBV		96
70) p-DICHLOROBENZENE	18.017	146	80661	4.55	PPBV		92
71) o-DICHLOROBENZENE	18.400	146	99268	4.49	PPBV		99
72) HEXACHLOROBUTADIENE	20.798	225	33969	4.44	PPBV		98
73) 1,2,4-TRICHLOROBENZENE	20.308	180	14060	4.30	PPBV		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3820.D
Acq On : 27 Jun 2007 2:02 pm
Operator : PhilipB
Sample : IC205-5 (M041)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 15:02:38 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 13:50:19 2007
Response via : Initial Calibration

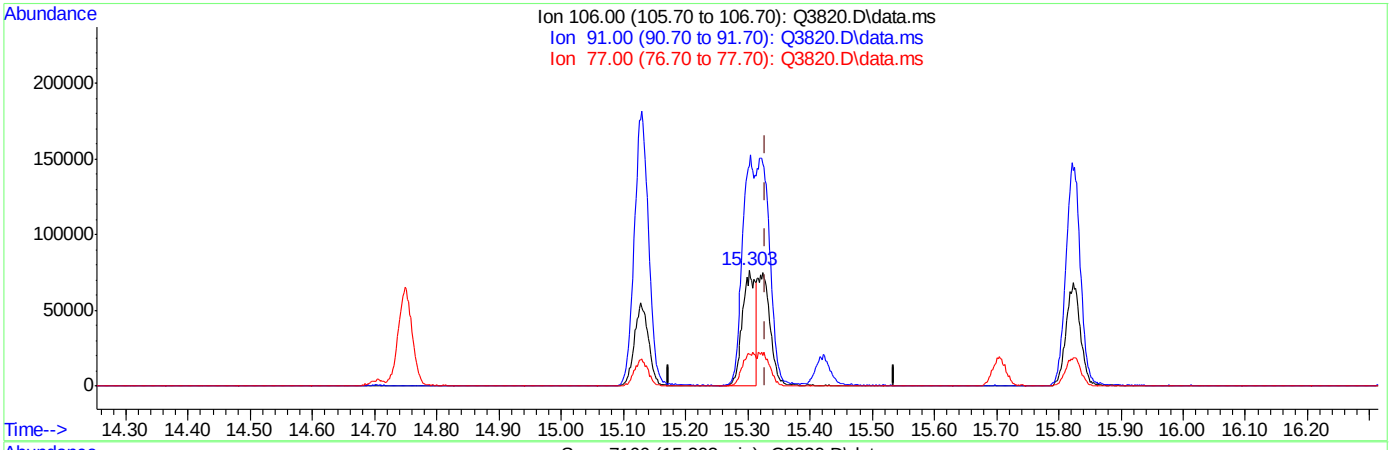


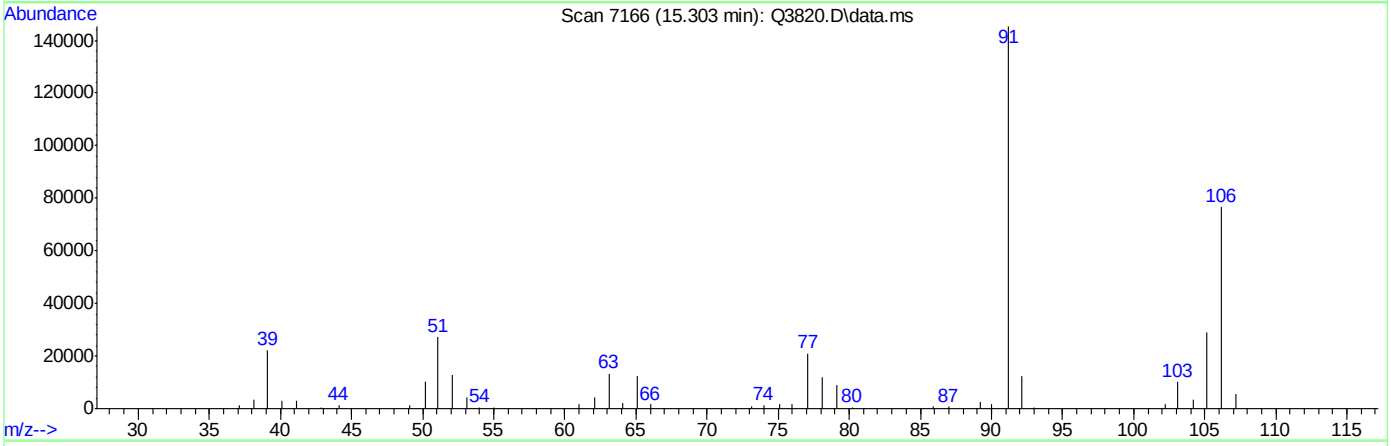
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3820.D
Acq On : 27 Jun 2007 2:02 pm
Operator : PhilipB
Sample : IC205-5 (M041)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 15:02:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 13:50:19 2007
Response via : Initial Calibration





TIC: Q3820.D\data.ms

(56) m,p-XYLENE (m)

15.303min (-0.026) 4.79PPBV

response 110302

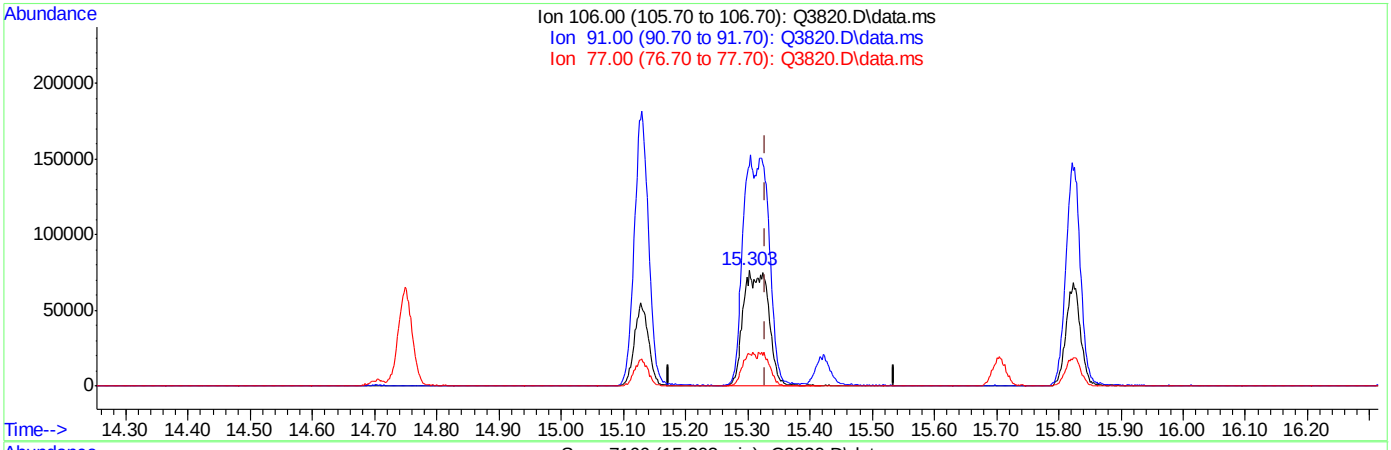
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	189.53
77.00	27.30	27.31
0.00	0.00	0.00

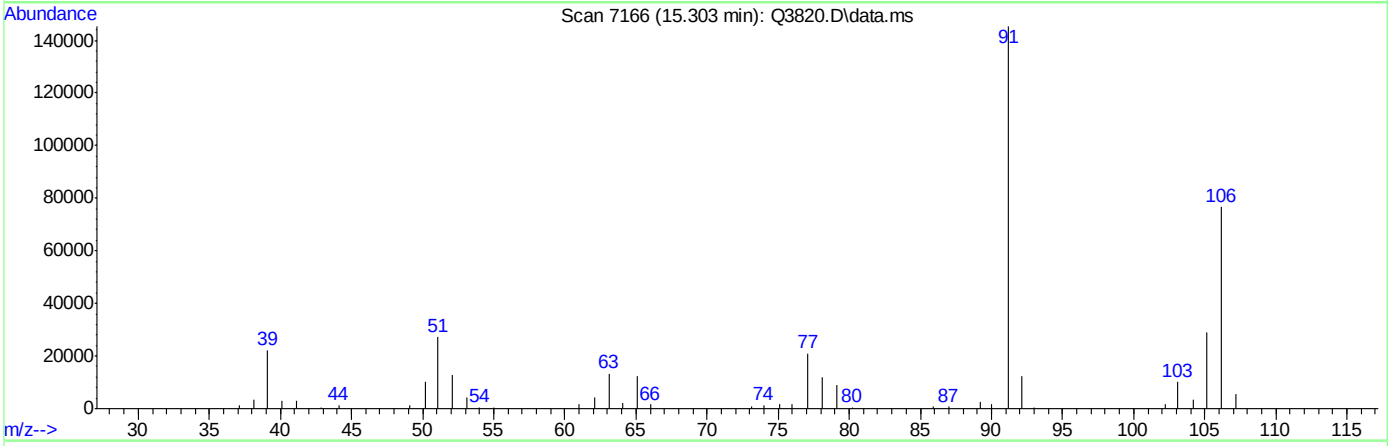
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3820.D
Acq On : 27 Jun 2007 2:02 pm
Operator : PhilipB
Sample : IC205-5 (M041)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 15:02:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 13:50:19 2007
Response via : Initial Calibration





TIC: Q3820.D\data.ms

(56) m,p-XYLENE (m)

15.303min (-0.026) 9.33PPBV m

response 215041

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	189.53
77.00	27.30	27.31
0.00	0.00	0.00

ACCUTEST Laboratories M65803

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3821.D
Acq On : 27 Jun 2007 2:55 pm
Operator : PhilipB
Sample : IC205-2 (M041)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 15:24:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 15:03:05 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.608	128	130219	10.00	PPBV	-0.02
35) 1,4-DIFLUOROBENZENE	10.442	114	605152	10.00	PPBV	-0.02
49) CHLOROBENZENE-D5	14.700	117	507923	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.320	95	191689	4.65	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 93.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.028	85	173220	3.16	PPBV	96
3) PROPYLENE	3.955	41	60028	3.44	PPBV	99
4) FREON 114	4.283	85	134489	2.75	PPBV	89
5) CHLOROMETHANE	4.184	50	71474	3.03	PPBV	100
6) VINYL CHLORIDE	4.409	62	60302	2.95	PPBV	99
7) 1,3-BUTADIENE	4.543	39	48765	2.76	PPBV	88
8) BROMOMETHANE	4.818	94	46323	2.90	PPBV	100
9) CHLOROETHANE	4.988	64	21511	2.51	PPBV	91
10) TRICHLOROFLUOROMETHANE	5.760	101	118563	2.52	PPBV	99
11) ISOPROPYL ALCOHOL	5.806	45	94939	2.67	PPBV	99
12) ACETONE	5.577	43	78185	2.70	PPBV	97
13) PENTANE	6.117	42	59836	2.57	PPBV	89
14) 1,1-DICHLOROETHYLENE	6.395	96	37480	2.48	PPBV #	80
15) CARBON DISULFIDE	6.832	76	113714	2.62	PPBV	82
16) ETHANOL	5.078	45	19400	2.97	PPBV	93
17) BROMOETHENE	5.346	106	40430	2.66	PPBV	97
18) METHYLENE CHLORIDE	6.514	84	43576	3.08	PPBV	57
19) 3-CHLOROPROPENE	6.628	39	34001	2.12	PPBV #	84
20) FREON 113	6.773	151	51304	2.33	PPBV #	74
21) TRANS-1,2-DICHLOROETHY...	7.442	96	33085	2.37	PPBV #	83
22) TERTIARY BUTYL ALCOHOL	6.411	59	98790	2.48	PPBV	86
23) METHYL TERTIARY BUTYL ...	7.684	73	79728	2.43	PPBV	84
24) TETRAHYDROFURAN	9.129	42	46169	2.34	PPBV	96
25) HEXANE	8.639	57	75483	2.40	PPBV	99
26) VINYL ACETATE	7.757	43	83002	2.31	PPBV	82
27) 1,1-DICHLOROETHANE	7.631	63	73244	2.15	PPBV	99
28) METHYL ETHYL KETONE	8.016	43	87550	2.40	PPBV	98
29) cis-1,2-DICHLOROETHYLENE	8.445	96	30627	2.16	PPBV	94
30) ETHYL ACETATE	8.639	43	149653	2.38	PPBV #	100
31) CHLOROFORM	8.726	83	76256	2.28	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.689	97	63390	2.08	PPBV	93
33) CARBON TETRACHLORIDE	10.270	117	74156	2.18	PPBV	98
34) 1,2-DICHLOROETHANE	9.439	62	47831	2.19	PPBV	99
36) BENZENE	10.126	78	83818	2.27	PPBV	98
37) CYCLOHEXANE	10.394	84	42115	2.54	PPBV	95
38) TRICHLOROETHYLENE	11.127	95	43440	2.33	PPBV	93
39) 1,2-DICHLOROPROPANE	10.903	63	39667	2.28	PPBV	92
40) BROMODICHLOROMETHANE	11.090	83	66140	2.18	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.150	57	213238	2.27	PPBV	94
42) 1,4-DIOXANE	11.123	88	16150	2.38	PPBV #	50
43) HEPTANE	11.390	43	81446	2.23	PPBV	91

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3821.D
Acq On : 27 Jun 2007 2:55 pm
Operator : PhilipB
Sample : IC205-2 (M041)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 15:24:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 15:03:05 2007
Response via : Initial Calibration

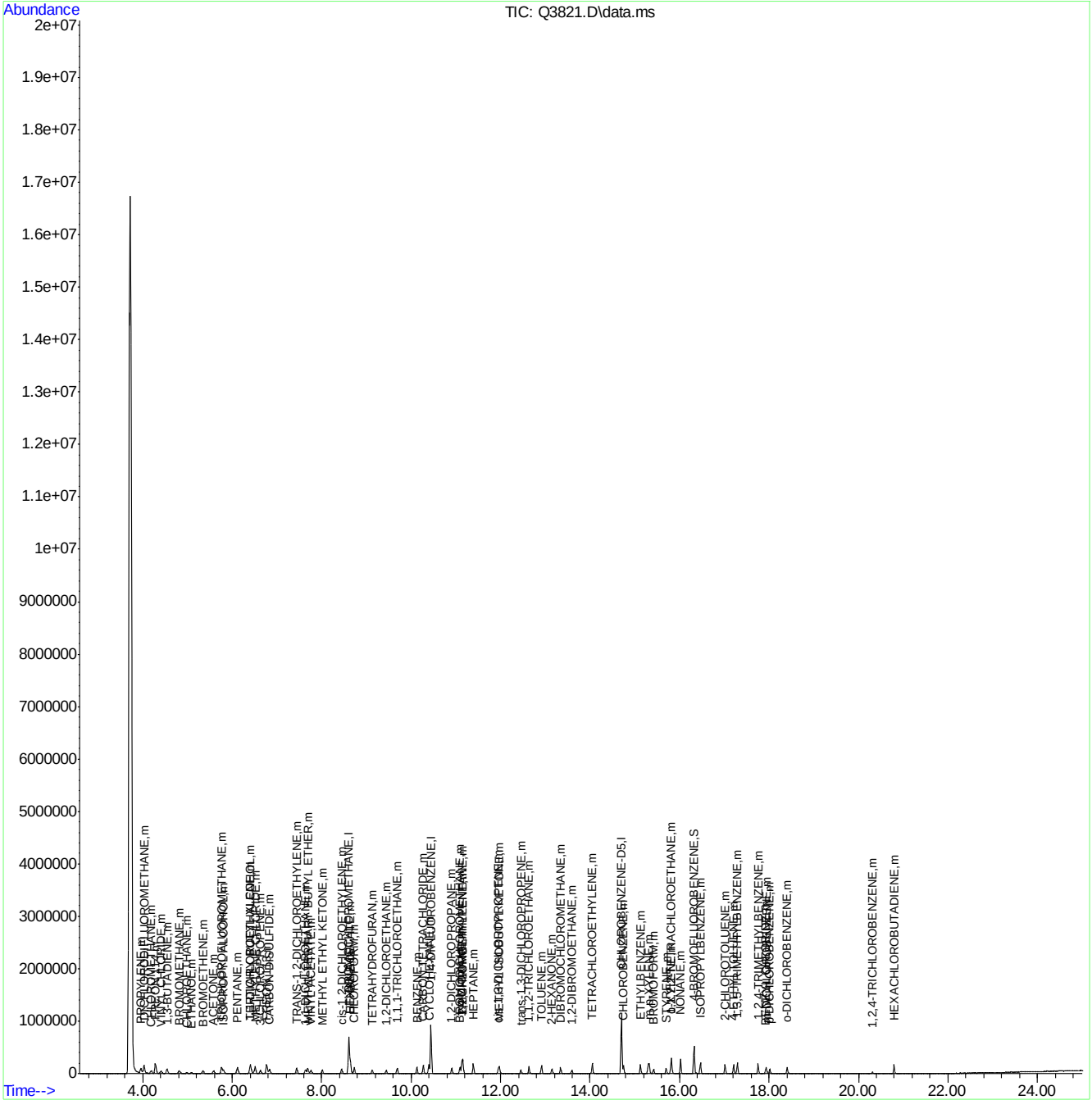
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.968	43	100390	2.37	PPBV	92
45) cis-1,3-DICHLOROPROPENE	11.945	75	41005	2.26	PPBV	90
46) TOLUENE	12.912	92	54314	2.37	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.449	75	29064	2.10	PPBV	92
48) 1,1,2-TRICHLOROETHANE	12.632	83	32900	2.43	PPBV	94
50) 2-HEXANONE	13.143	43	72269	2.28	PPBV	92
51) TETRACHLOROETHYLENE	14.050	164	28259	2.15	PPBV	92
52) DIBROMOCHLOROMETHANE	13.340	129	50420	2.03	PPBV	100
53) 1,2-DIBROMOETHANE	13.590	107	45446	2.33	PPBV	100
54) CHLOROBENZENE	14.749	112	66540	2.44	PPBV	97
55) ETHYLBENZENE	15.124	91	112625	2.32	PPBV	98
56) m,p-XYLENE	15.308	106	85449	4.67	PPBV	81
57) o-XYLENE	15.818	106	42201	2.24	PPBV	96
58) STYRENE	15.699	104	45244	2.08	PPBV	98
59) NONANE	16.022	43	108552	2.26	PPBV	91
60) BROMOFORM	15.417	173	31974	1.82	PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.805	83	82183	2.40	PPBV	99
63) ISOPROPYLBENZENE	16.465	105	118197	2.32	PPBV #	100
64) 2-CHLOROTOLUENE	17.017	91	87210	2.29	PPBV	97
65) 4-ETHYLTOLUENE	17.207	105	94792	2.13	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.291	105	93361	2.21	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.757	105	82649	2.13	PPBV	99
68) m-DICHLOROBENZENE	17.940	146	35987	2.17	PPBV	94
69) BENZYL CHLORIDE	17.915	91	29253	1.74	PPBV	95
70) p-DICHLOROBENZENE	18.013	146	30669	2.19	PPBV	96
71) o-DICHLOROBENZENE	18.402	146	39156	2.25	PPBV	97
72) HEXACHLOROBUTADIENE	20.798	225	14078	2.34	PPBV	97
73) 1,2,4-TRICHLOROBENZENE	20.304	180	5382	2.11	PPBV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3821.D
Acq On : 27 Jun 2007 2:55 pm
Operator : PhilipB
Sample : IC205-2 (M041)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 15:24:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 15:03:05 2007
Response via : Initial Calibration



ACCUTEST Laboratories M65803

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 06/28/07 14:05

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3822.D
Acq On : 27 Jun 2007 3:52 pm
Operator : PhilipB
Sample : IC205-.5 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 16:20:03 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 15:26:30 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.603	128	142407	10.00	PPBV	-0.03
35) 1,4-DIFLUOROBENZENE	10.435	114	633957	10.00	PPBV	-0.03
49) CHLOROBENZENE-D5	14.700	117	524787	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.322	95	188660	4.49	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 89.80%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.026	85	32628	0.49	PPBV	96
3) PROPYLENE	3.957	41	11673	0.53	PPBV	92
4) FREON 114	4.283	85	29730	0.52	PPBV	88
5) CHLOROMETHANE	4.195	50	14512	0.51	PPBV	95
6) VINYL CHLORIDE	4.404	62	11929	0.49	PPBV	96
7) 1,3-BUTADIENE	4.544	39	11285m	0.54	PPBV	
8) BROMOMETHANE	4.812	94	9956	0.52	PPBV #	51
9) CHLOROETHANE	4.977	64	4976m	0.51	PPBV	
10) TRICHLOROFLUOROMETHANE	5.757	101	26506m	0.49	PPBV	
11) ISOPROPYL ALCOHOL	5.810	45	25663	0.62	PPBV	95
12) ACETONE	5.579	43	24802	0.73	PPBV	70
13) PENTANE	6.108	42	14926	0.55	PPBV	83
14) 1,1-DICHLOROETHYLENE	6.397	96	8374	0.48	PPBV #	80
15) CARBON DISULFIDE	6.821	76	24154	0.48	PPBV	96
16) ETHANOL	5.075	45	5498	0.70	PPBV	80
17) BROMOETHENE	5.339	106	8589	0.48	PPBV	93
18) METHYLENE CHLORIDE	6.502	84	23315	1.36	PPBV	58
19) 3-CHLOROPROPENE	6.623	39	9152	0.52	PPBV	84
20) FREON 113	6.761	151	12522	0.50	PPBV #	73
21) TRANS-1,2-DICHLOROETHY...	7.432	96	7466	0.47	PPBV #	82
22) TERTIARY BUTYL ALCOHOL	6.420	59	20748	0.45	PPBV	84
23) METHYL TERTIARY BUTYL ...	7.689	73	16843	0.45	PPBV	87
24) TETRAHYDROFURAN	9.134	42	9275	0.42	PPBV	86
25) HEXANE	8.635	57	21481	0.60	PPBV	95
26) VINYL ACETATE	7.748	43	18244	0.45	PPBV #	83
27) 1,1-DICHLOROETHANE	7.629	63	18305	0.48	PPBV	94
28) METHYL ETHYL KETONE	8.012	43	19078	0.46	PPBV	97
29) cis-1,2-DICHLOROETHYLENE	8.436	96	7139	0.45	PPBV	96
30) ETHYL ACETATE	8.637	43	33022	0.46	PPBV #	96
31) CHLOROFORM	8.722	83	21964	0.59	PPBV	91
32) 1,1,1-TRICHLOROETHANE	9.684	97	15850m	0.47	PPBV	
33) CARBON TETRACHLORIDE	10.268	117	16519	0.44	PPBV	98
34) 1,2-DICHLOROETHANE	9.436	62	10216	0.42	PPBV	96
36) BENZENE	10.121	78	19114	0.48	PPBV	97
37) CYCLOHEXANE	10.387	84	9343	0.51	PPBV	94
38) TRICHLOROETHYLENE	11.127	95	9182	0.46	PPBV	93
39) 1,2-DICHLOROPROPANE	10.900	63	9521	0.51	PPBV	76
40) BROMODICHLOROMETHANE	11.083	83	14549	0.45	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.147	57	47780	0.47	PPBV	91
42) 1,4-DIOXANE	11.141	88	3035	0.41	PPBV #	1
43) HEPTANE	11.384	43	17987	0.46	PPBV	92

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3822.D
Acq On : 27 Jun 2007 3:52 pm
Operator : PhilipB
Sample : IC205-.5 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 16:20:03 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 15:26:30 2007
Response via : Initial Calibration

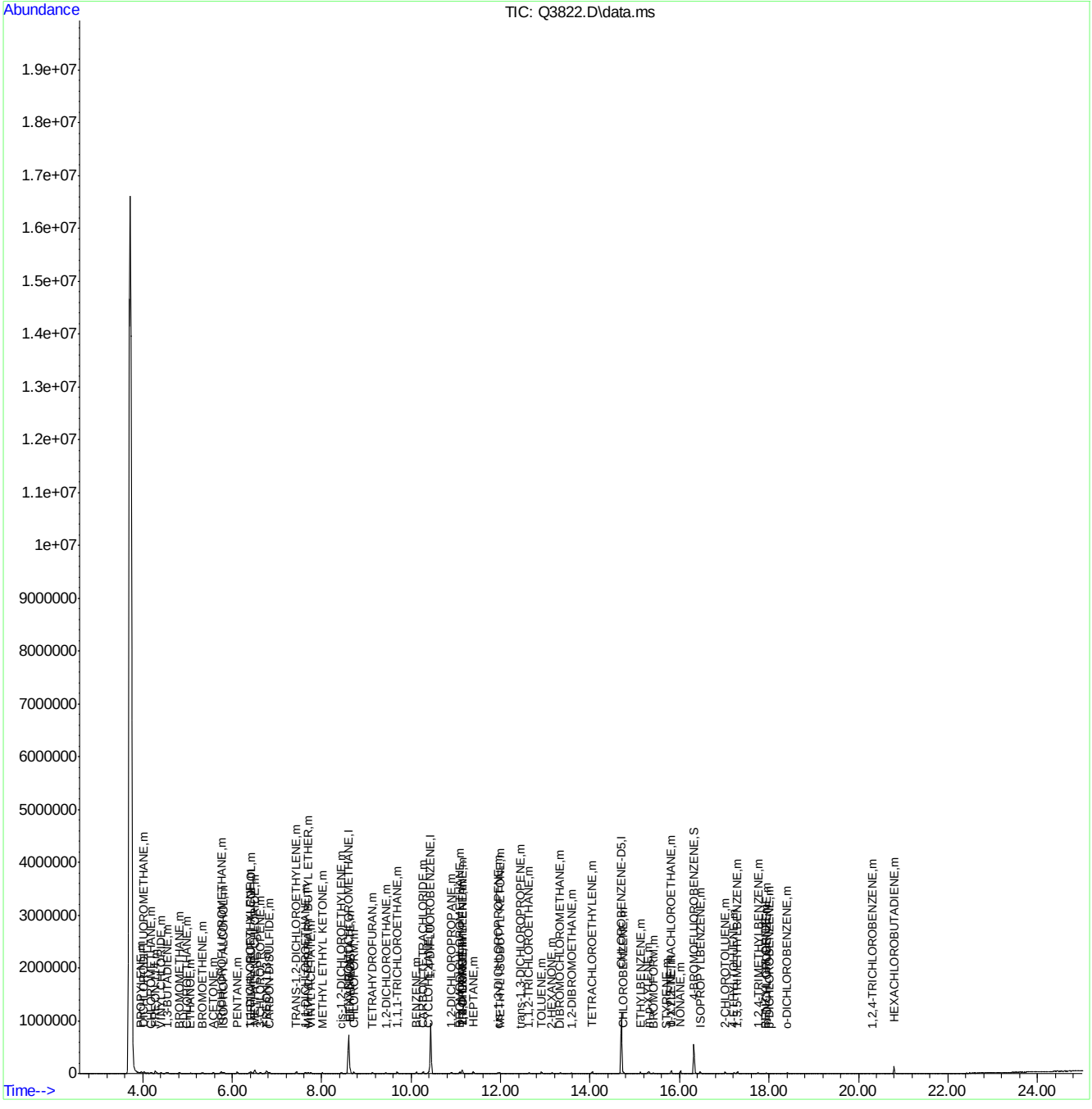
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.970	43	18843	0.41 PPBV	85
45) cis-1,3-DICHLOROPROPENE	11.943	75	6653	0.34 PPBV #	72
46) TOLUENE	12.909	92	11132	0.45 PPBV	97
47) trans-1,3-DICHLOROPROPENE	12.449	75	3288	0.22 PPBV	81
48) 1,1,2-TRICHLOROETHANE	12.630	83	6590	0.45 PPBV	95
50) 2-HEXANONE	13.148	43	10275m	0.31 PPBV	
51) TETRACHLOROETHYLENE	14.048	164	6360	0.46 PPBV	92
52) DIBROMOCHLOROMETHANE	13.331	129	9359	0.36 PPBV	93
53) 1,2-DIBROMOETHANE	13.587	107	7107	0.34 PPBV #	97
54) CHLOROBENZENE	14.746	112	9893	0.34 PPBV	94
55) ETHYLBENZENE	15.126	91	18113	0.35 PPBV	97
56) m,p-XYLENE	15.299	106	12713m	0.65 PPBV	
57) o-XYLENE	15.818	106	7419	0.37 PPBV	97
58) STYRENE	15.701	104	3362	0.15 PPBV #	73
59) NONANE	16.020	43	20157	0.40 PPBV	91
60) BROMOFORM	15.411	173	5518	0.31 PPBV #	95
62) 1,1,2,2-TETRACHLOROETHANE	15.807	83	18281	0.50 PPBV	98
63) ISOPROPYLBENZENE	16.469	105	22651	0.42 PPBV #	100
64) 2-CHLOROTOLUENE	17.014	91	13989	0.35 PPBV	96
65) 4-ETHYLTOLUENE	17.206	105	12652m	0.27 PPBV	
66) 1,3,5-TRIMETHYLBENZENE	17.291	105	16820	0.38 PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.754	105	12099	0.30 PPBV	93
68) m-DICHLOROBENZENE	17.944	146	2840	0.16 PPBV	93
69) BENZYL CHLORIDE	17.921	91	1687	0.10 PPBV #	65
70) p-DICHLOROBENZENE	18.008	146	1857	0.13 PPBV	85
71) o-DICHLOROBENZENE	18.400	146	4544	0.25 PPBV	94
72) HEXACHLOROBUTADIENE	20.796	225	10797	1.68 PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.308	180	470m	0.18 PPBV	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3822.D
Acq On : 27 Jun 2007 3:52 pm
Operator : PhilipB
Sample : IC205-.5 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

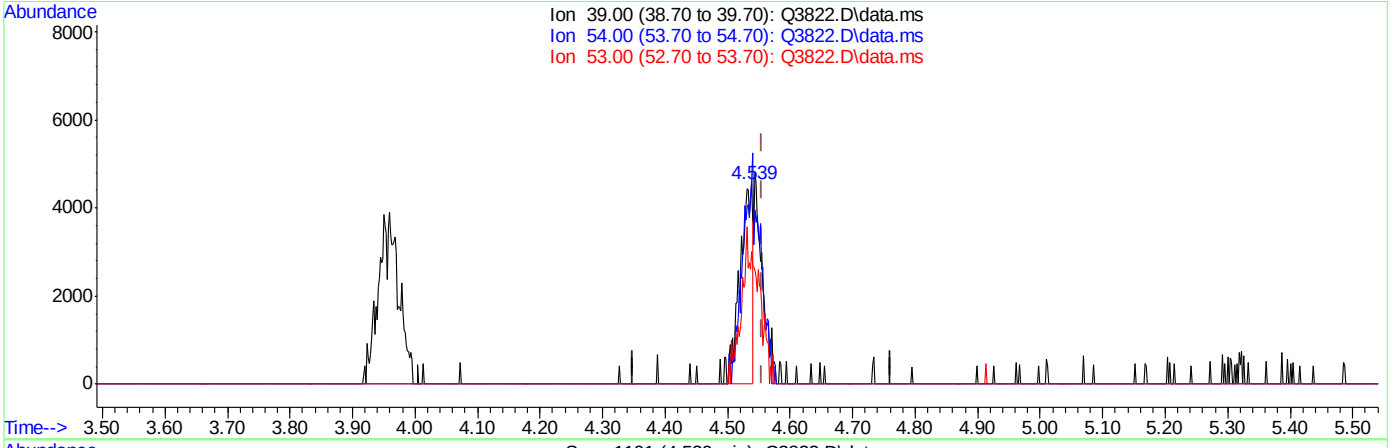
Quant Time: Jun 27 16:20:03 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 15:26:30 2007
Response via : Initial Calibration

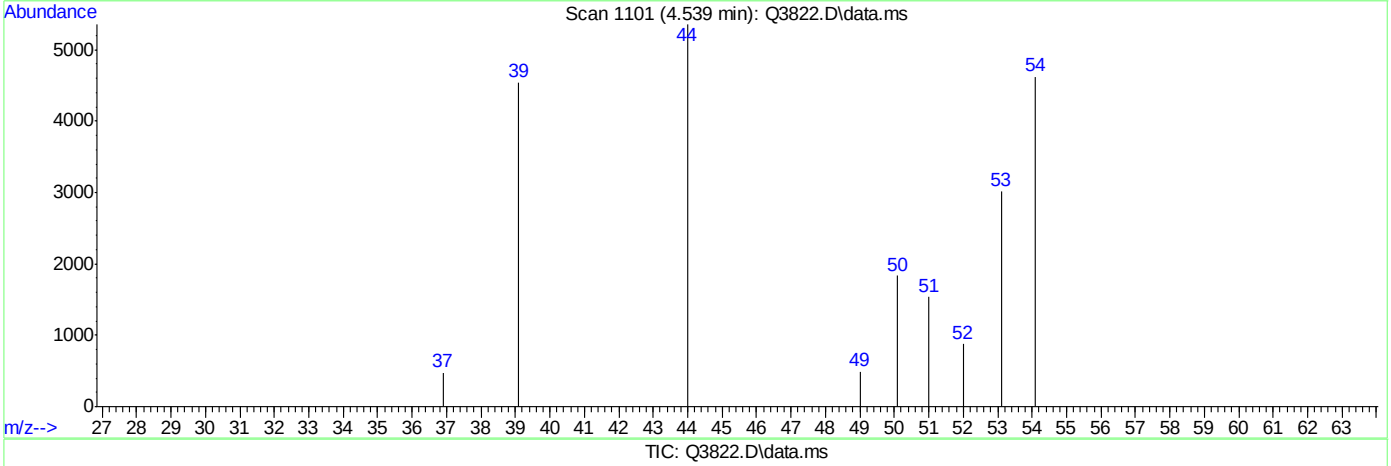


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3822.D
Acq On : 27 Jun 2007 3:52 pm
Operator : PhilipB
Sample : IC205-.5 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 16:18:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 15:26:30 2007
Response via : Initial Calibration





(7) 1,3-BUTADIENE (m)

4.539min (-0.017) 0.31PPBV

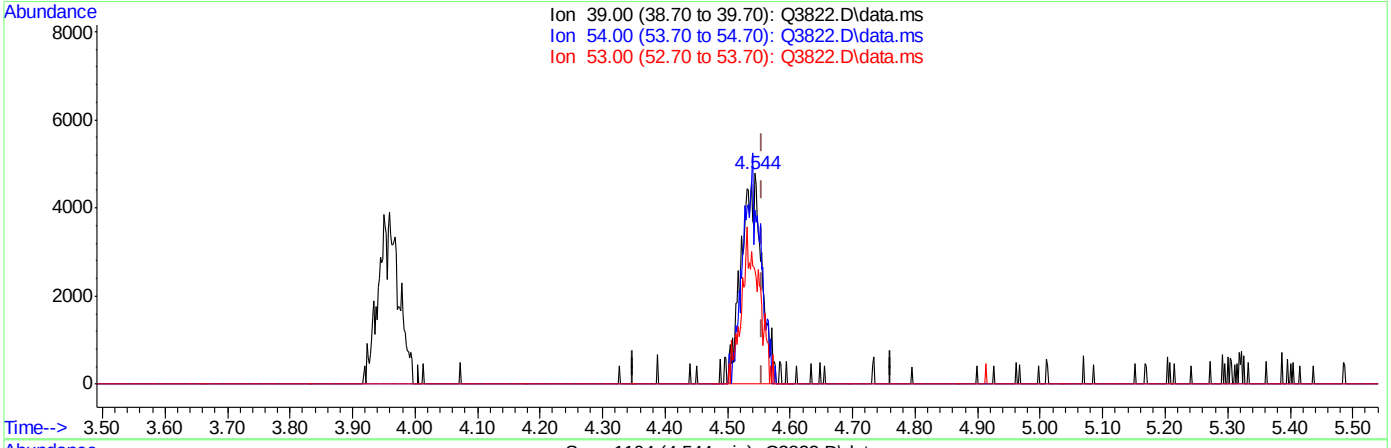
response 6500

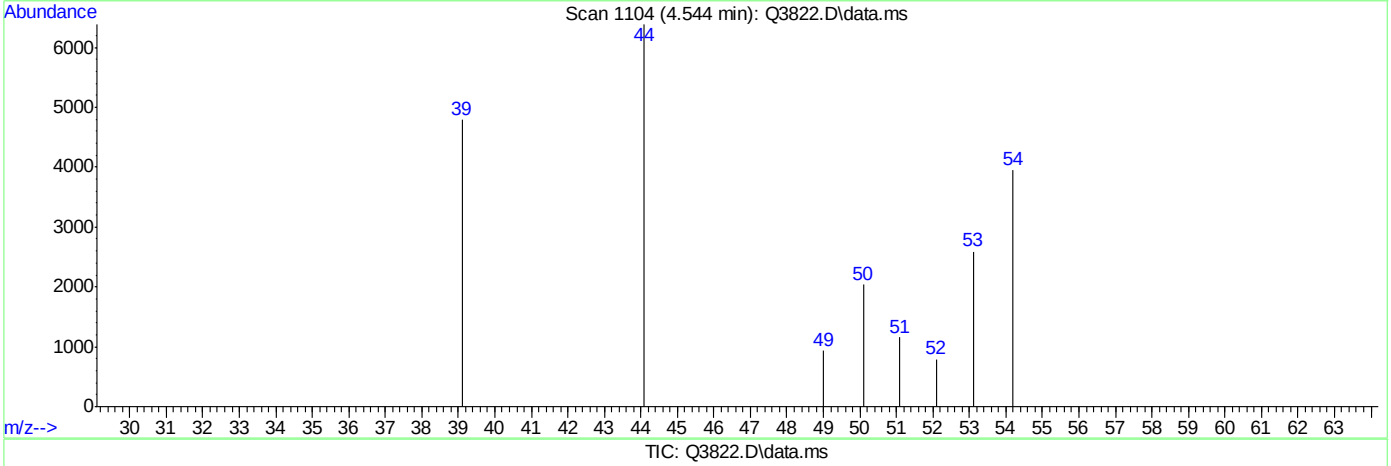
Ion	Exp%	Act%
39.00	100	100
54.00	111.20	155.48#
53.00	75.80	107.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3822.D
Acq On : 27 Jun 2007 3:52 pm
Operator : PhilipB
Sample : IC205-.5 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 16:18:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 15:26:30 2007
Response via : Initial Calibration





TIC: Q3822.D\data.ms

(7) 1,3-BUTADIENE (m)

4.544min (-0.012) 0.54PPBV m

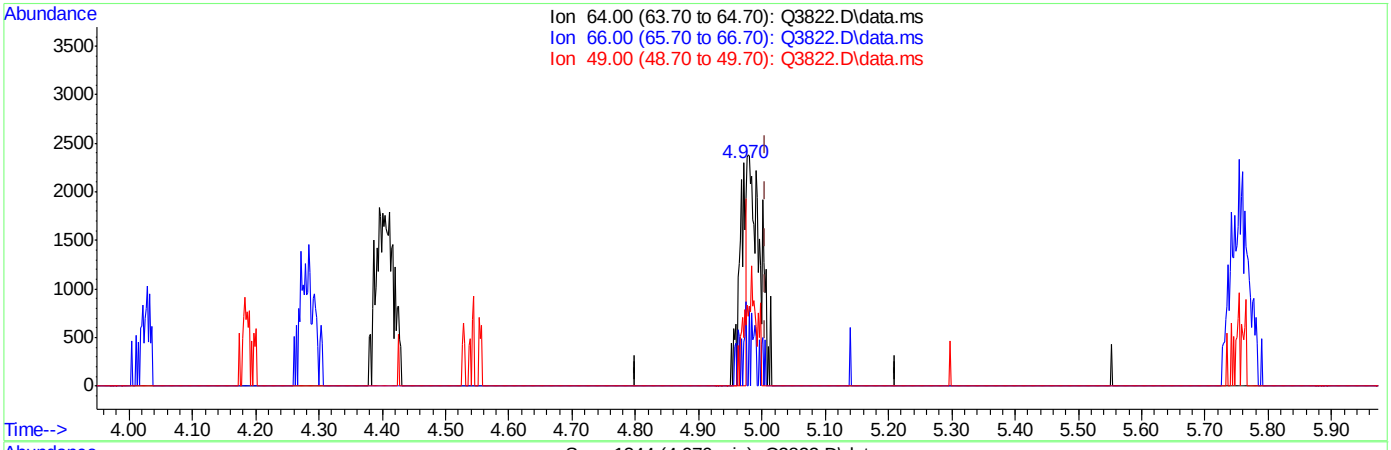
response 11285

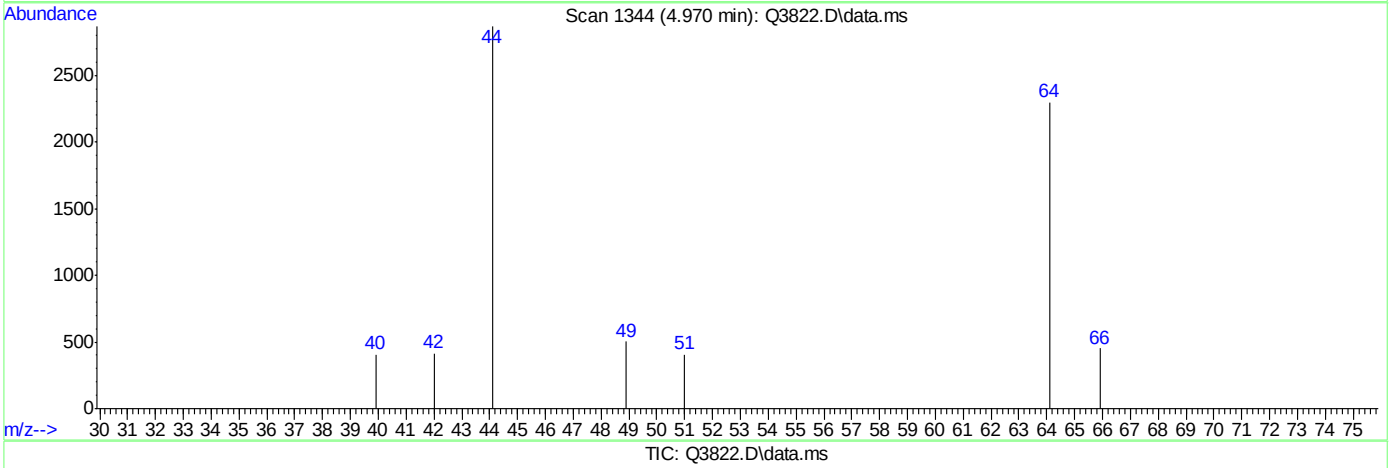
Ion	Exp%	Act%
39.00	100	100
54.00	111.20	89.55#
53.00	75.80	61.69
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3822.D
Acq On : 27 Jun 2007 3:52 pm
Operator : PhilipB
Sample : IC205-.5 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 16:18:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 15:26:30 2007
Response via : Initial Calibration





TIC: Q3822.D\data.ms

(9) CHLOROETHANE (m)

4.970min (-0.035) 0.16PPBV

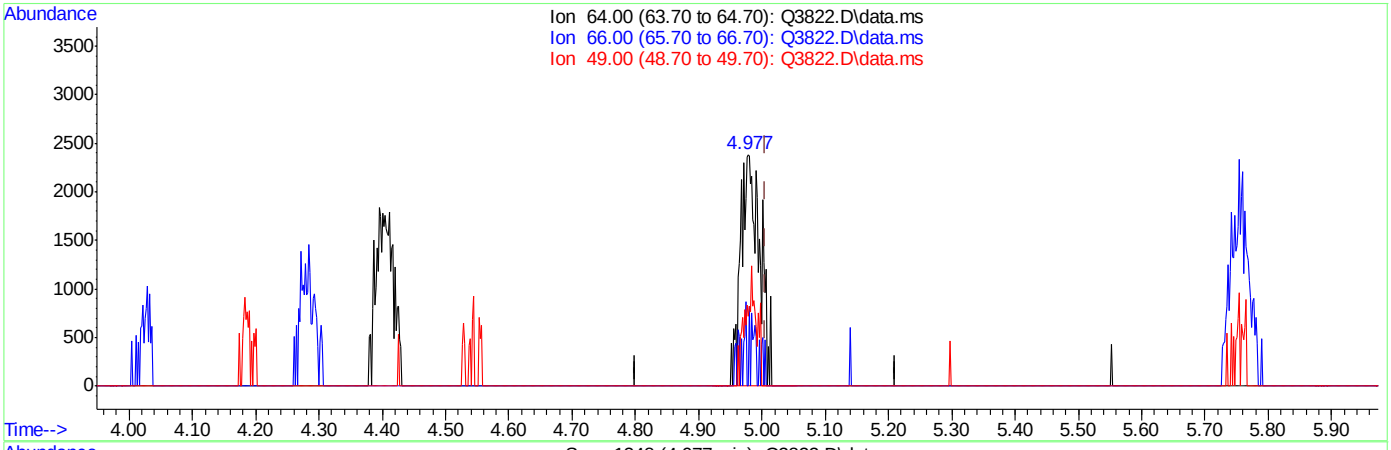
response 1622

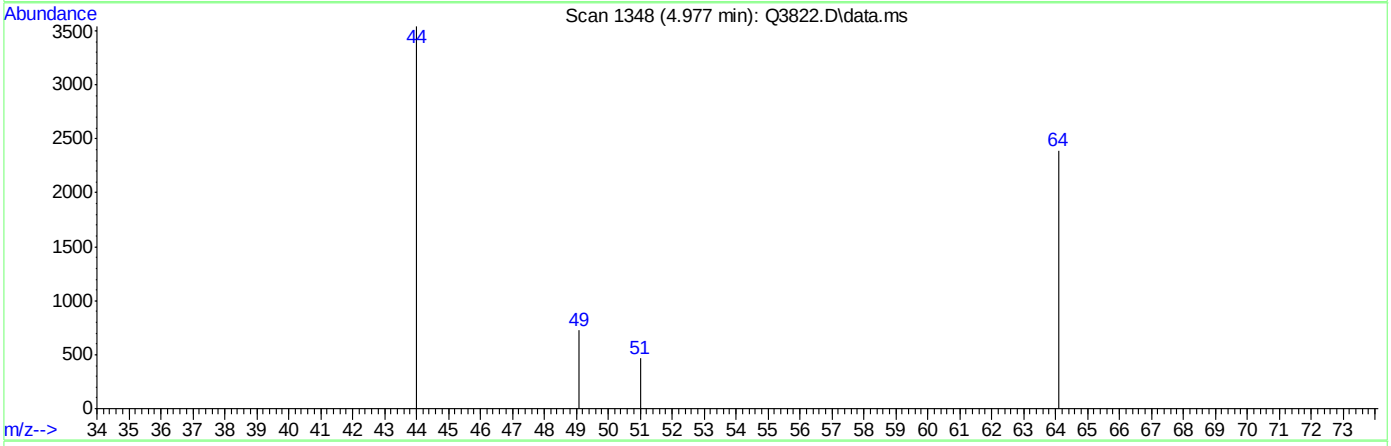
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	33.42
49.00	36.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3822.D
Acq On : 27 Jun 2007 3:52 pm
Operator : PhilipB
Sample : IC205-.5 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 16:18:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 15:26:30 2007
Response via : Initial Calibration





TIC: Q3822.D\data.ms

(9) CHLOROETHANE (m)

4.977min (-0.028) 0.51PPBV m

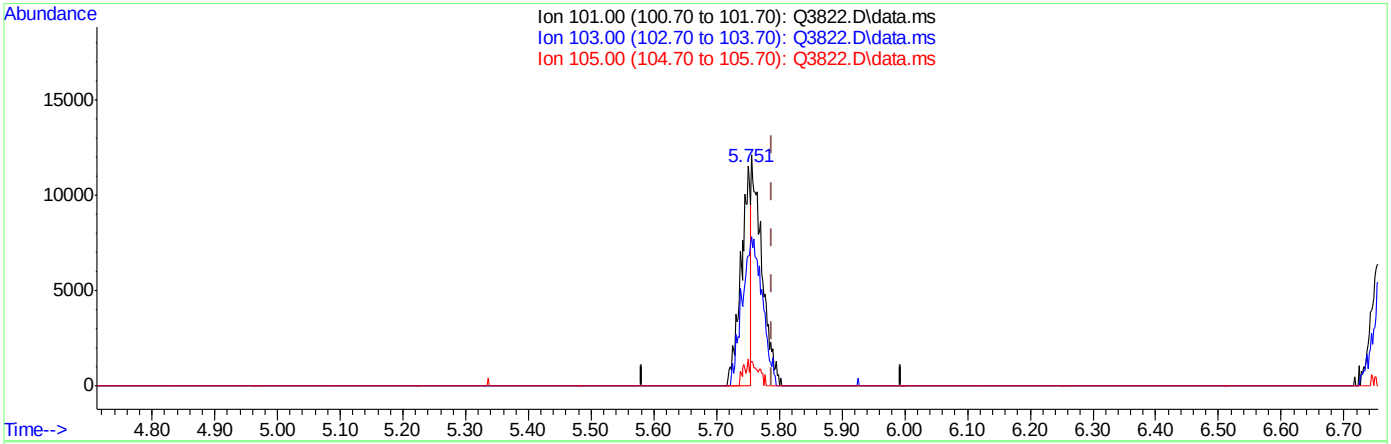
response 4976

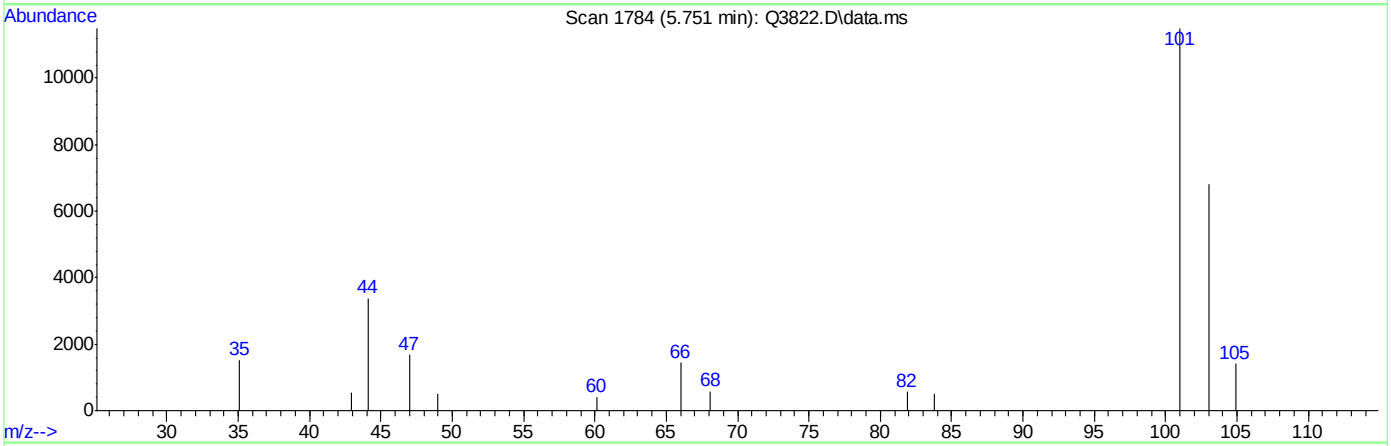
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	10.89
49.00	36.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3822.D
Acq On : 27 Jun 2007 3:52 pm
Operator : PhilipB
Sample : IC205-.5 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 16:18:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 15:26:30 2007
Response via : Initial Calibration





TIC: Q3822.D\data.ms

(10) TRICHLOROFLUOROMETHANE (m)

5.751min (-0.037) 0.23PPBV

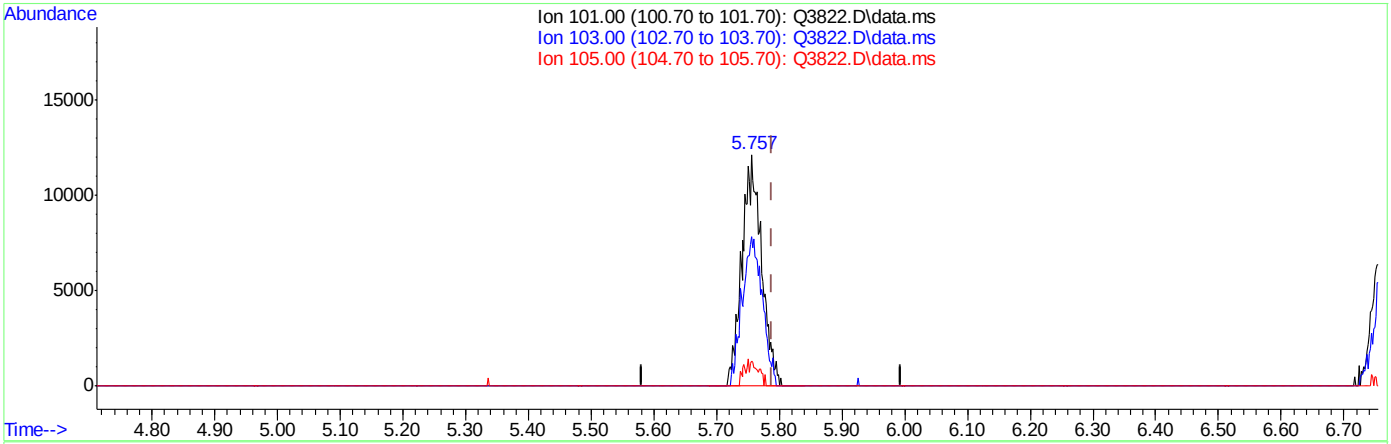
response 12444

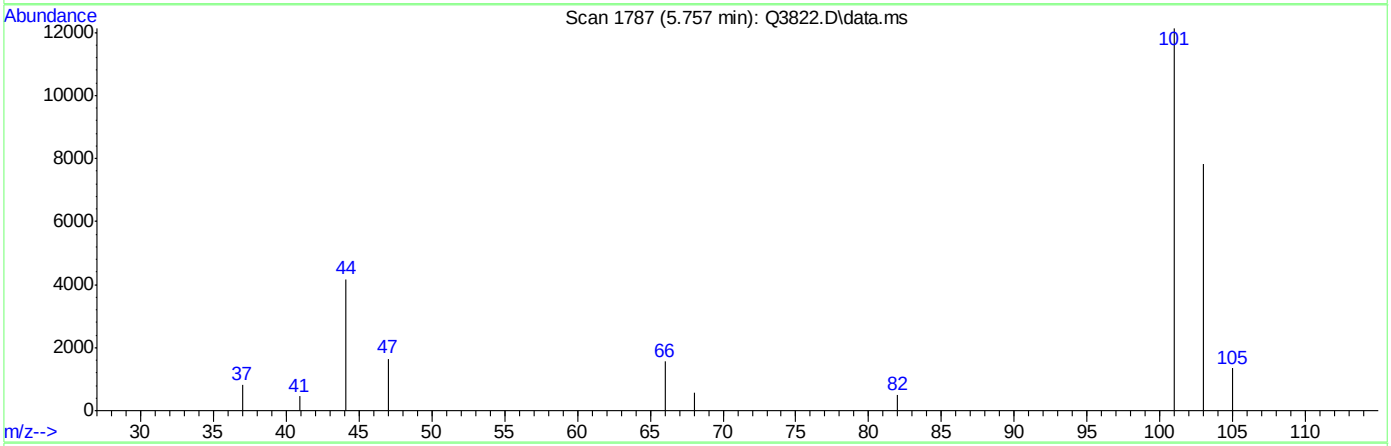
Ion	Exp%	Act%
101.00	100	100
103.00	64.30	140.62#
105.00	10.20	17.18
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3822.D
Acq On : 27 Jun 2007 3:52 pm
Operator : PhilipB
Sample : IC205-.5 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 16:18:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 15:26:30 2007
Response via : Initial Calibration





TIC: Q3822.D\data.ms

(10) TRICHLOROFLUOROMETHANE (m)

5.757min (-0.032) 0.49PPBV m

response 26506

Ion	Exp%	Act%
101.00	100	100
103.00	64.30	66.02
105.00	10.20	8.07
0.00	0.00	0.00

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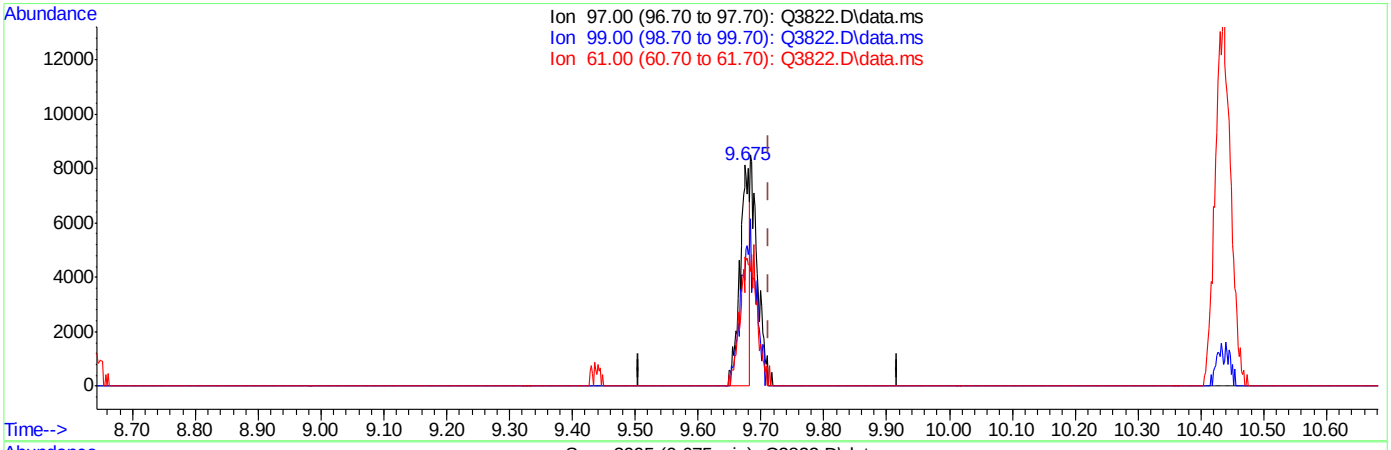
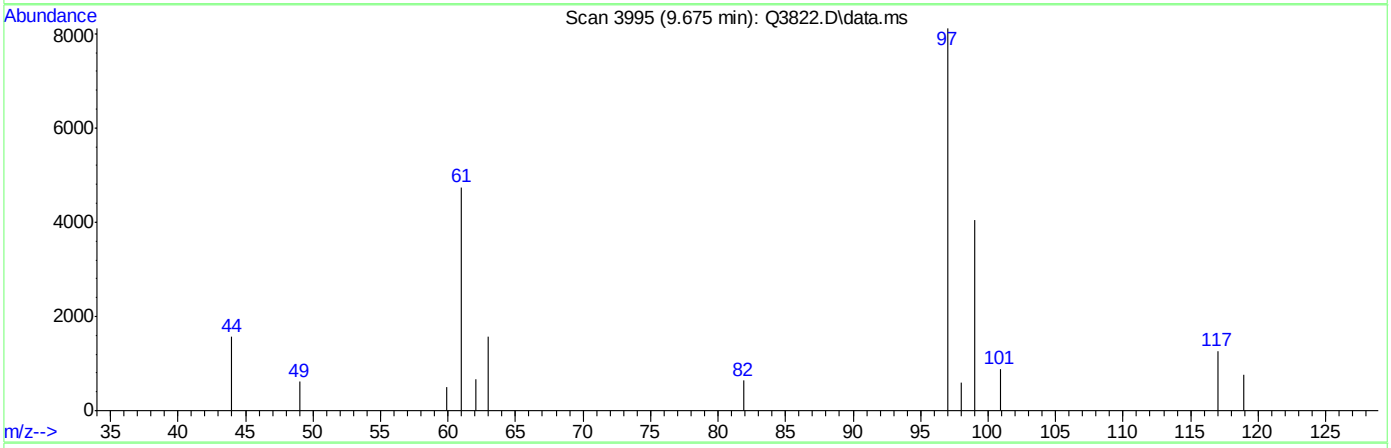
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3822.D
Acq On : 27 Jun 2007 3:52 pm
Operator : PhilipB
Sample : IC205-.5 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 16:18:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 15:26:30 2007
Response via : Initial Calibration





TIC: Q3822.D\data.ms

(32) 1,1,1-TRICHLOROETHANE (m)

9.675min (-0.037) 0.27PPBV

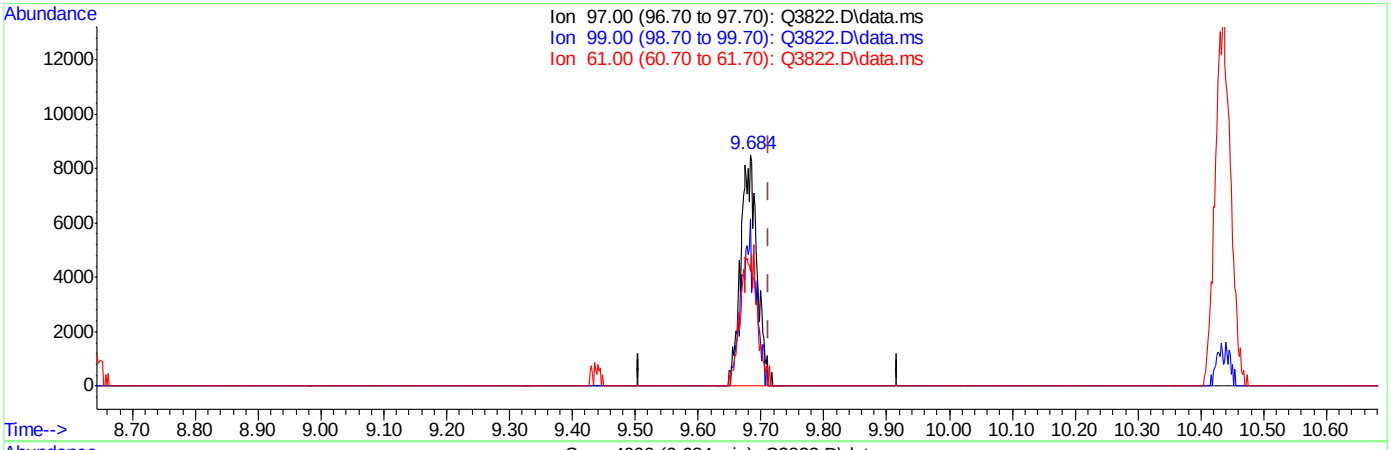
response 8958

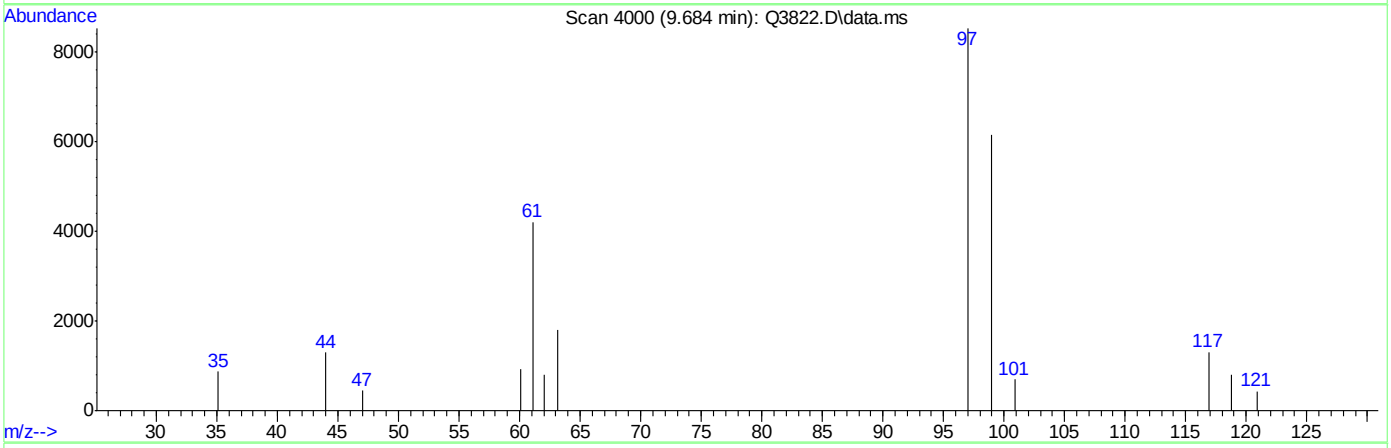
Ion	Exp%	Act%
97.00	100	100
99.00	63.70	110.84#
61.00	50.00	103.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3822.D
Acq On : 27 Jun 2007 3:52 pm
Operator : PhilipB
Sample : IC205-.5 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 16:18:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 15:26:30 2007
Response via : Initial Calibration





TIC: Q3822.D\data.ms

(32) 1,1,1-TRICHLOROETHANE (m)

9.684min (-0.028) 0.47PPBV m

response 15850

Ion	Exp%	Act%
97.00	100	100
99.00	63.70	62.64
61.00	50.00	58.59
0.00	0.00	0.00

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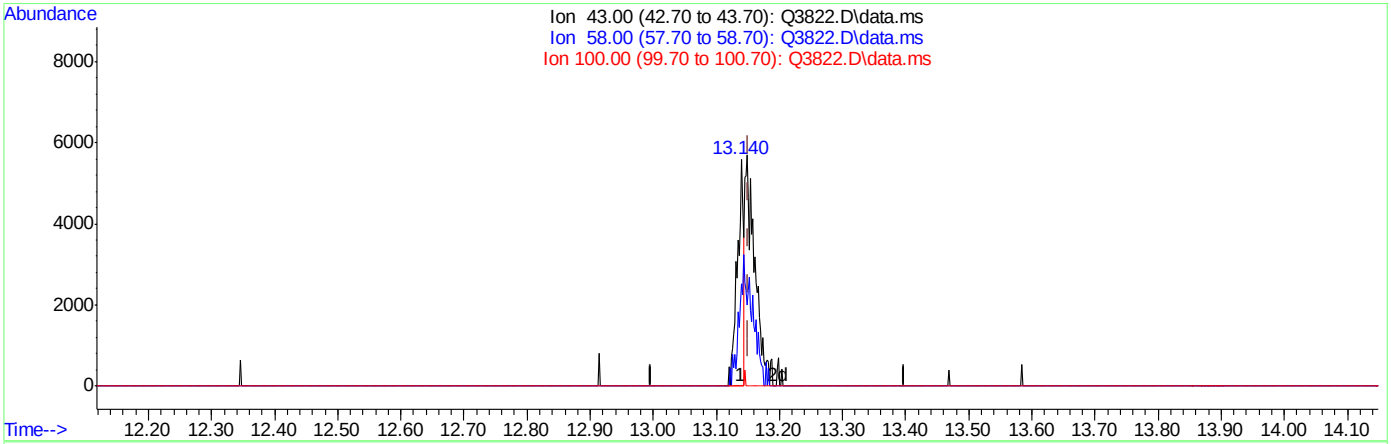
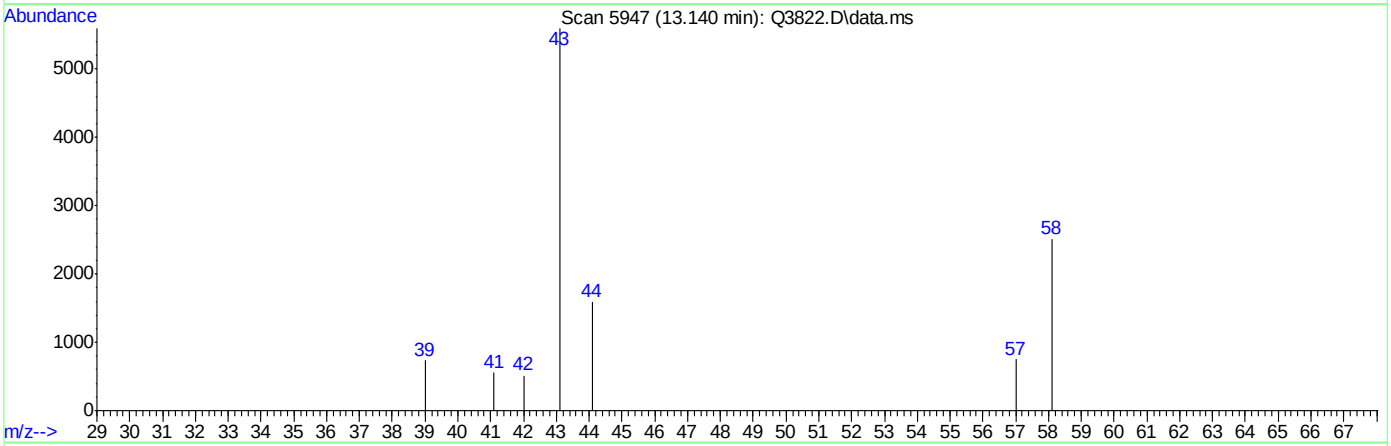
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3822.D
Acq On : 27 Jun 2007 3:52 pm
Operator : PhilipB
Sample : IC205-.5 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 16:18:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 15:26:30 2007
Response via : Initial Calibration





TIC: Q3822.D\data.ms

(50) 2-HEXANONE (m)

13.140min (-0.012) 0.11PPBV

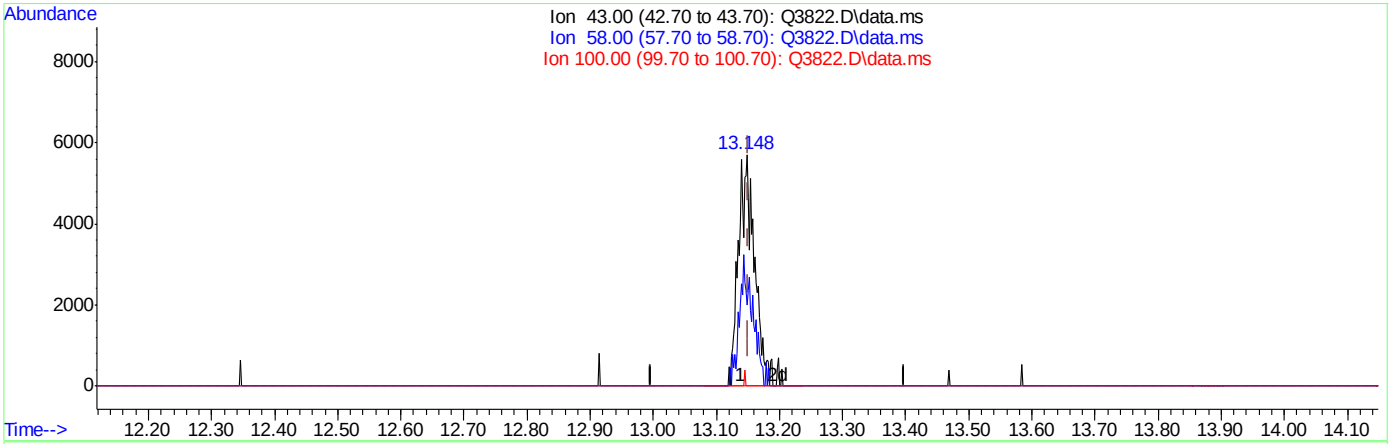
response 3760

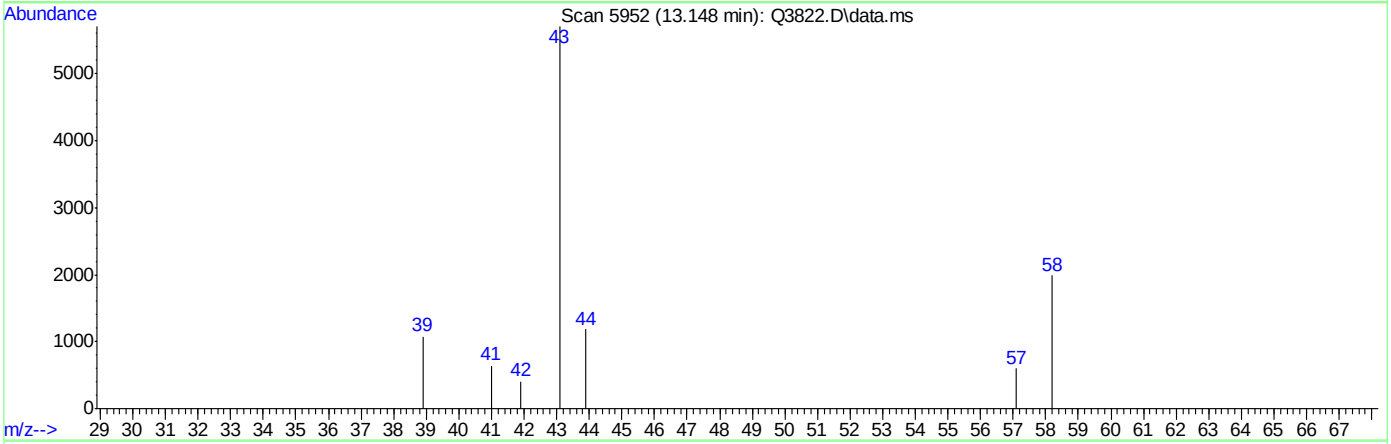
Ion	Exp%	Act%
43.00	100	100
58.00	52.00	123.43#
100.00	6.20	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3822.D
Acq On : 27 Jun 2007 3:52 pm
Operator : PhilipB
Sample : IC205-.5 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 16:18:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 15:26:30 2007
Response via : Initial Calibration





TIC: Q3822.D\data.ms

(50) 2-HEXANONE (m)

13.148min (-0.003) 0.31PPBV m

response 10275

Ion	Exp%	Act%
43.00	100	100
58.00	52.00	45.17
100.00	6.20	0.00
0.00	0.00	0.00

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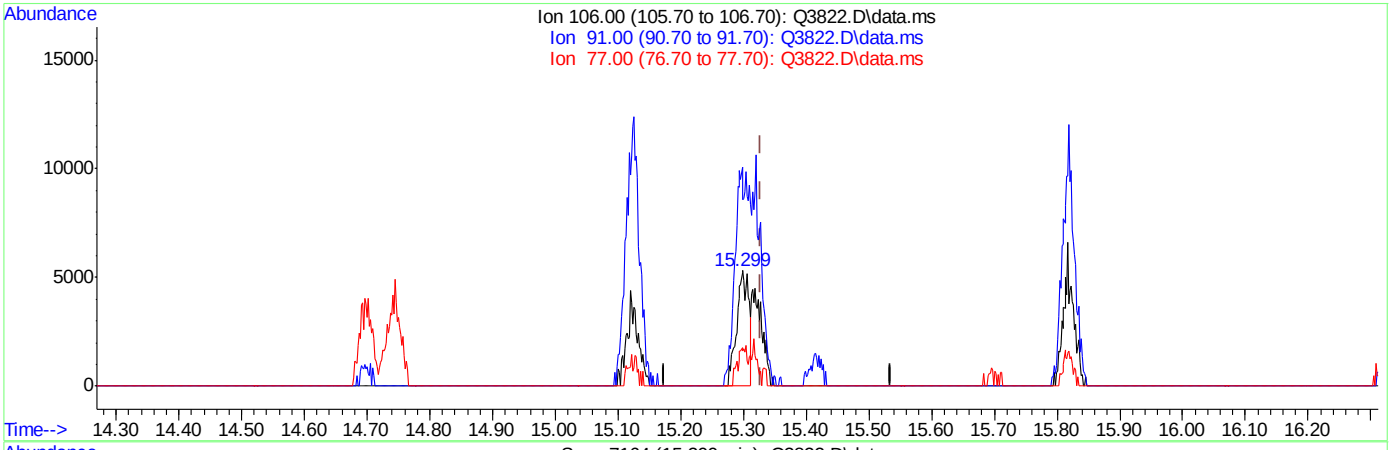
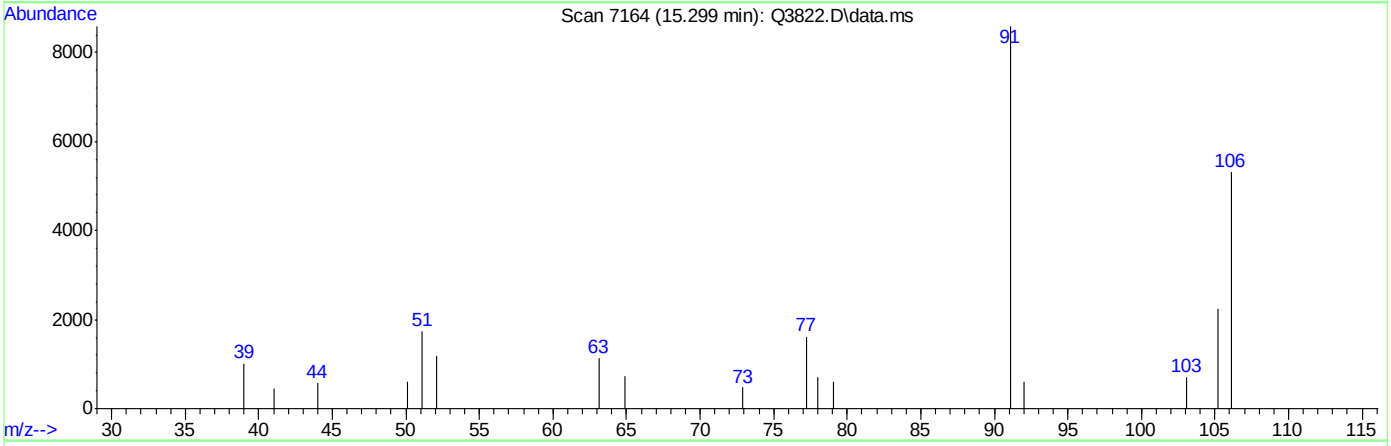
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3822.D
Acq On : 27 Jun 2007 3:52 pm
Operator : PhilipB
Sample : IC205-.5 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 16:18:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 15:26:30 2007
Response via : Initial Calibration





TIC: Q3822.D\data.ms

(56) m,p-XYLENE (m)

15.299min (-0.030) 0.38PPBV

response 7494

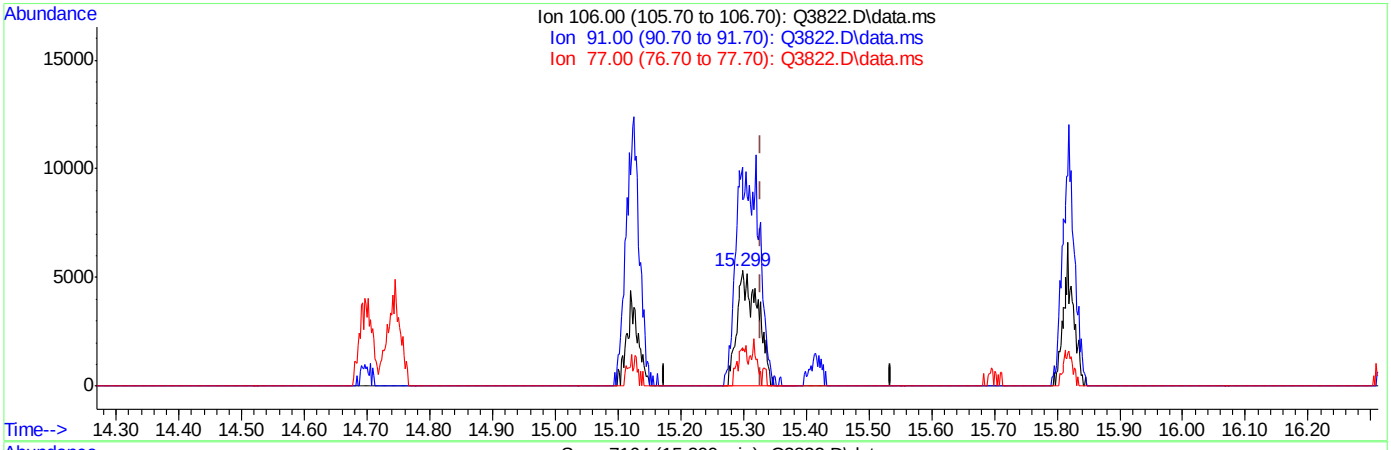
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	161.48
77.00	27.30	30.33
0.00	0.00	0.00

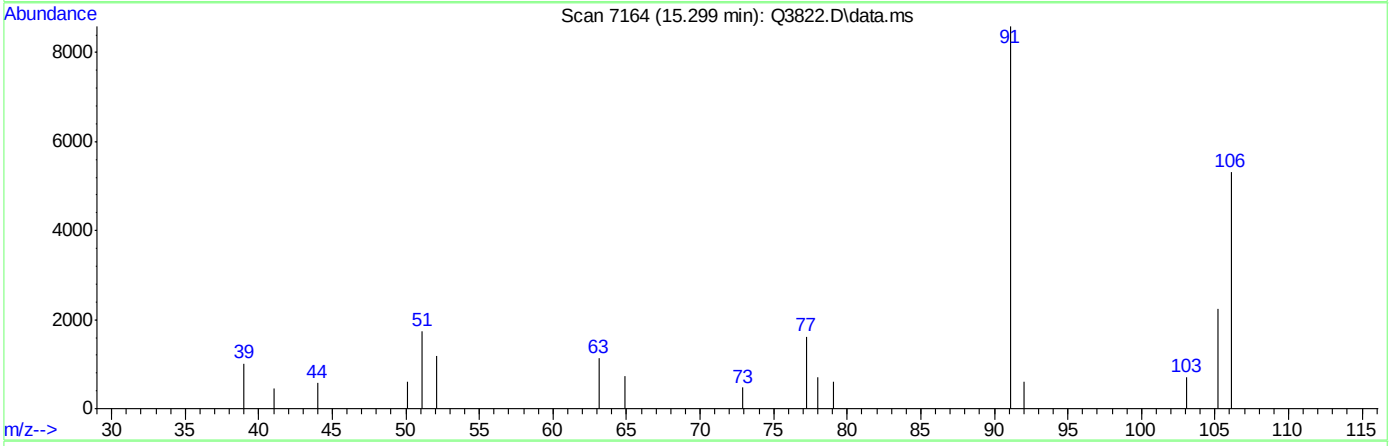
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3822.D
Acq On : 27 Jun 2007 3:52 pm
Operator : PhilipB
Sample : IC205-.5 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 16:18:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 15:26:30 2007
Response via : Initial Calibration





TIC: Q3822.D\data.ms

(56) m,p-XYLENE (m)

15.299min (-0.030) 0.65PPBV m

response 12713

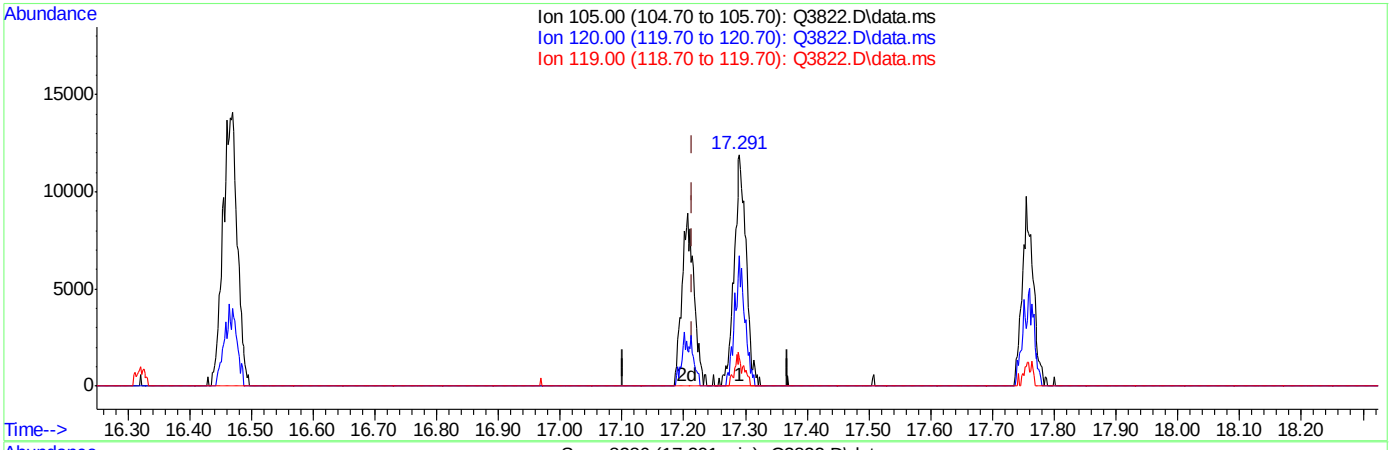
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	161.48
77.00	27.30	30.33
0.00	0.00	0.00

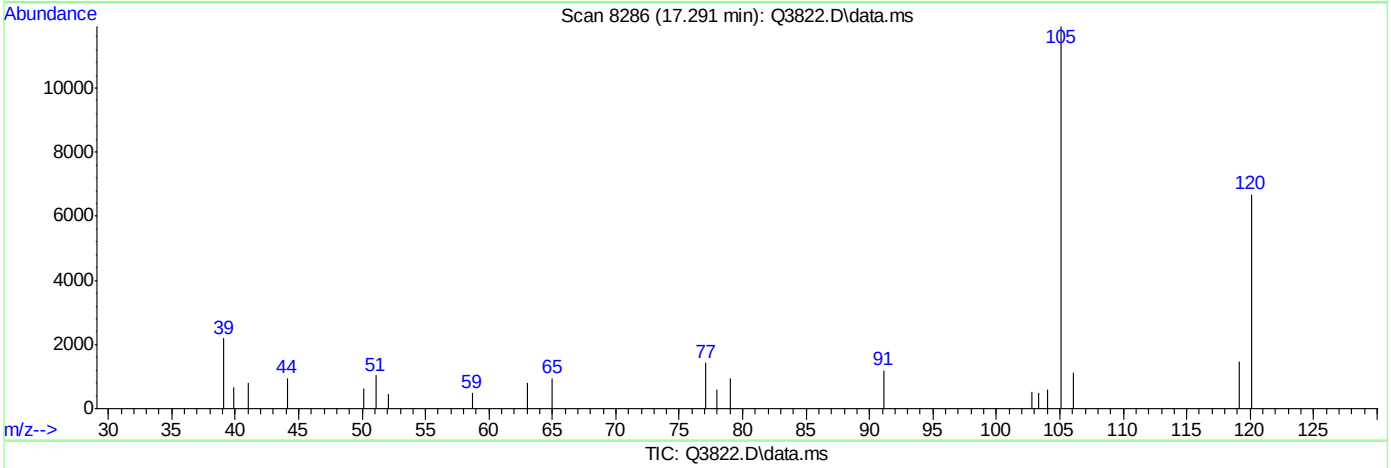
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3822.D
Acq On : 27 Jun 2007 3:52 pm
Operator : PhilipB
Sample : IC205-.5 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 16:18:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 15:26:30 2007
Response via : Initial Calibration





TIC: Q3822.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.291min (+0.076) 0.36PPBV

response 16820

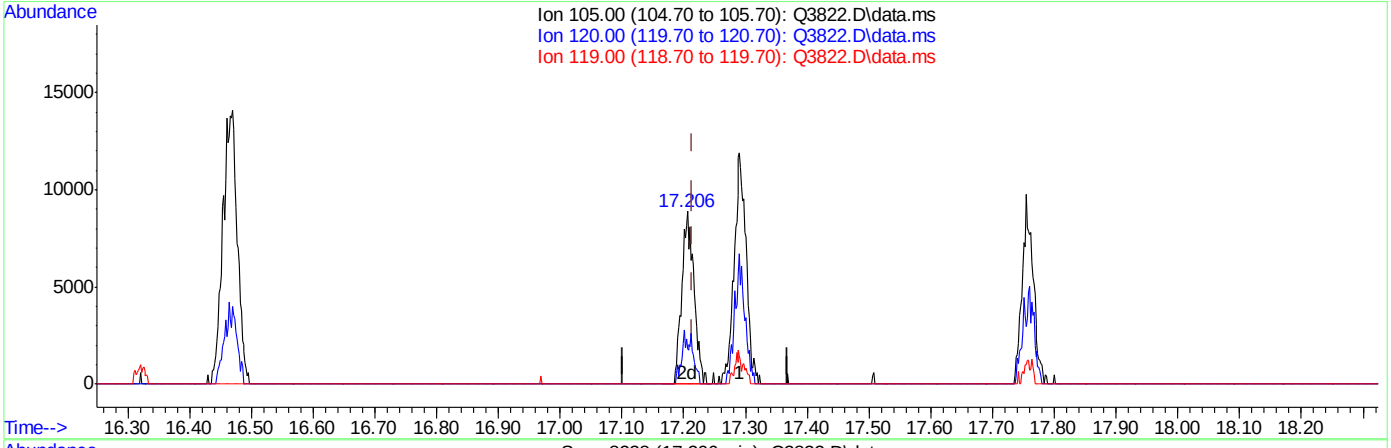
Ion	Exp%	Act%
105.00	100	100
120.00	29.20	47.49
119.00	2.10	10.77
0.00	0.00	0.00

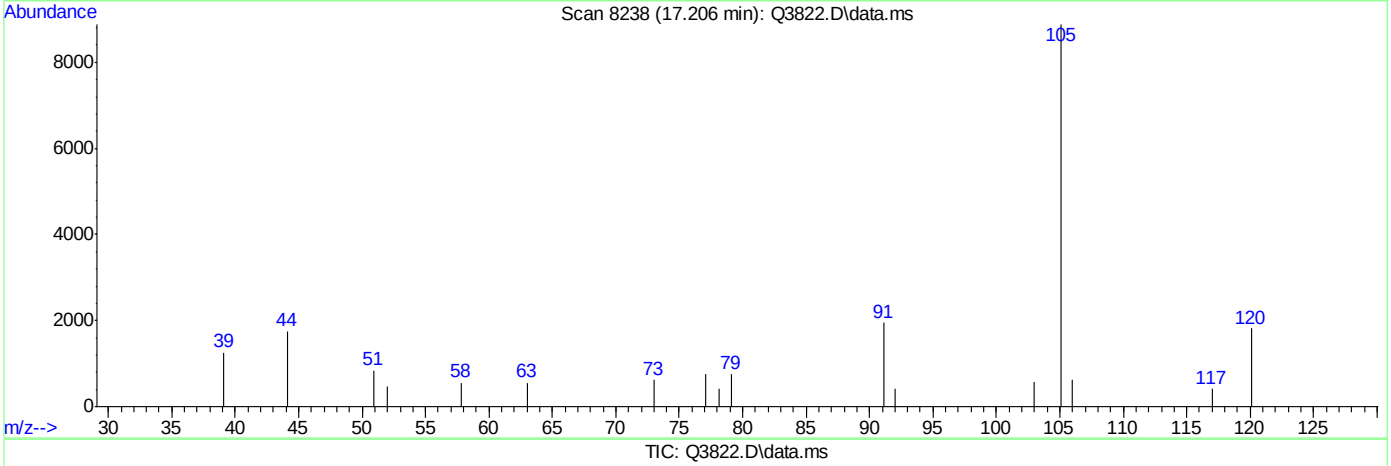
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3822.D
Acq On : 27 Jun 2007 3:52 pm
Operator : PhilipB
Sample : IC205-.5 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 16:18:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 15:26:30 2007
Response via : Initial Calibration





TIC: Q3822.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.206min (-0.009) 0.27PPBV m

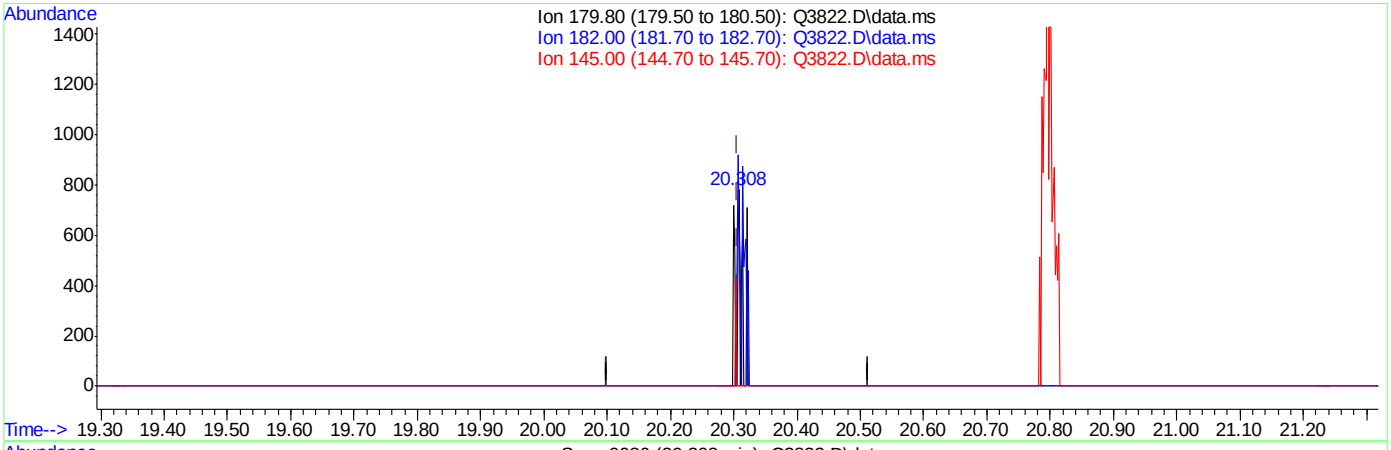
response 12652

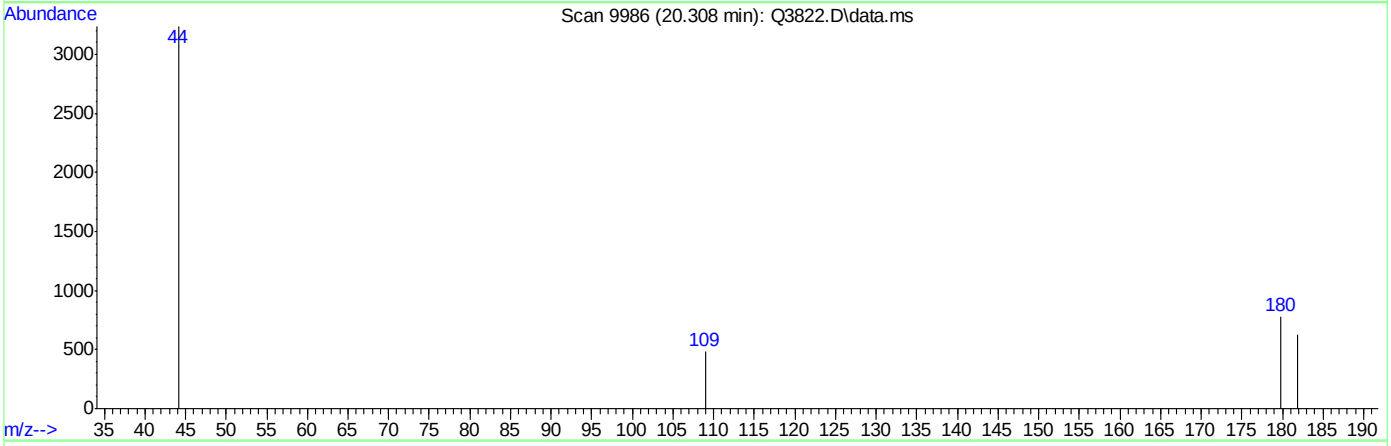
Ion	Exp%	Act%
105.00	100	100
120.00	29.20	63.13#
119.00	2.10	14.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3822.D
Acq On : 27 Jun 2007 3:52 pm
Operator : PhilipB
Sample : IC205-.5 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 16:18:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 15:26:30 2007
Response via : Initial Calibration





TIC: Q3822.D\data.ms

(73) 1,2,4-TRICHLOROBENZENE (m)

20.308min (+0.001) 0.15PPBV

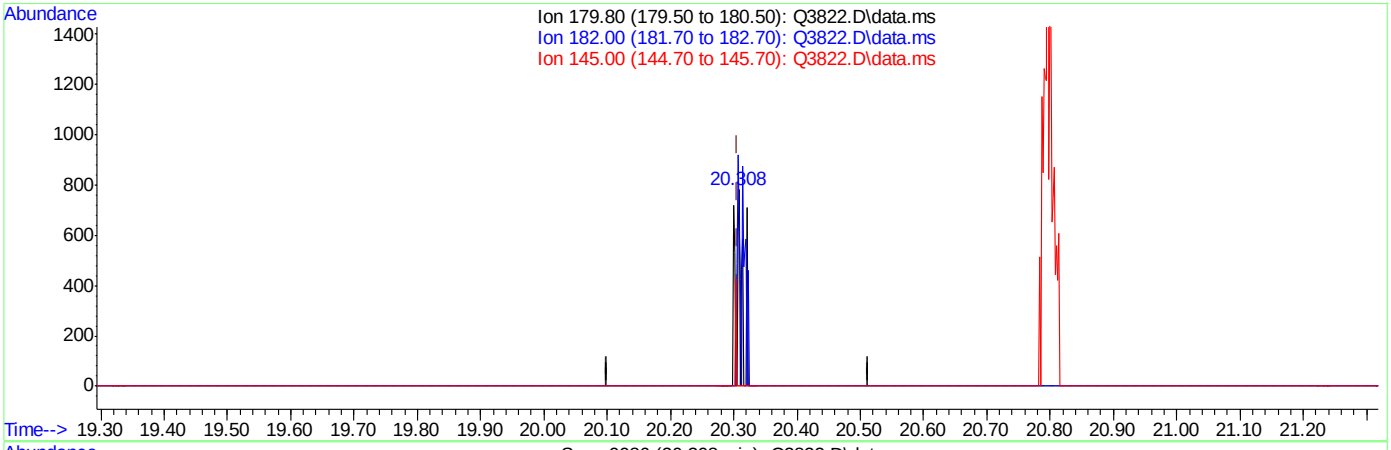
response 394

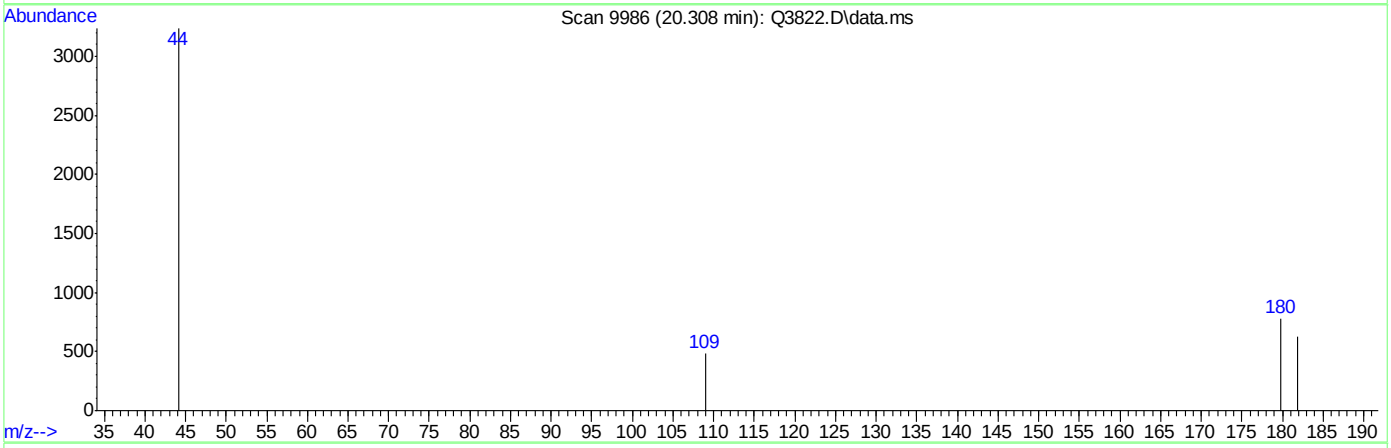
Ion	Exp%	Act%
179.80	100	100
182.00	95.40	66.24#
145.00	38.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3822.D
Acq On : 27 Jun 2007 3:52 pm
Operator : PhilipB
Sample : IC205-.5 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 16:18:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 15:26:30 2007
Response via : Initial Calibration





TIC: Q3822.D\data.ms

(73) 1,2,4-TRICHLOROBENZENE (m)

20.308min (+0.001) 0.18PPBV m

response 470

Ion	Exp%	Act%
179.80	100	100
182.00	95.40	55.53#
145.00	38.00	0.00#
0.00	0.00	0.00

Q3823.D

Manual Integrations APPROVED (compounds with "m" flag)

Doug Yargeau 06/28/07 14:05

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3823.D
Acq On : 27 Jun 2007 4:40 pm
Operator : PhilipB
Sample : IC205-.2 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 17:16:44 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 16:20:20 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.566	128	125809	10.00	PPBV	-0.07
35) 1,4-DIFLUOROBENZENE	10.410	114	578831	10.00	PPBV	-0.06
49) CHLOROBENZENE-D5	14.687	117	473614	10.00	PPBV	-0.02

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.313	95	165305	4.43	PPBV	-0.02

Spiked Amount 5.000 Range 57 - 139 Recovery = 88.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.022	85	15838	0.27	PPBV	92
3) PROPYLENE	3.951	41	5491m	0.28	PPBV	
4) FREON 114	4.276	85	13997	0.27	PPBV	87
5) CHLOROMETHANE	4.179	50	6806	0.27	PPBV	92
6) VINYL CHLORIDE	4.393	62	5891	0.27	PPBV #	69
7) 1,3-BUTADIENE	4.532	39	5362m	0.29	PPBV	
8) BROMOMETHANE	4.789	94	4098	0.24	PPBV #	62
9) CHLOROETHANE	4.945	64	1851m	0.21	PPBV	
10) TRICHLOROFLUOROMETHANE	5.726	101	13222	0.28	PPBV #	70
11) ISOPROPYL ALCOHOL	5.783	45	14995	0.39	PPBV	96
12) ACETONE	5.549	43	15105	0.47	PPBV	91
13) PENTANE	6.065	42	7214	0.30	PPBV	85
14) 1,1-DICHLOROETHYLENE	6.362	96	3717	0.24	PPBV #	73
15) CARBON DISULFIDE	6.791	76	11302	0.26	PPBV	89
16) ETHANOL	5.048	45	3266	0.44	PPBV #	49
17) BROMOETHENE	5.314	106	3579	0.23	PPBV #	75
18) METHYLENE CHLORIDE	6.466	84	21338	1.10	PPBV #	41
19) 3-CHLOROPROPENE	6.580	39	4399m	0.28	PPBV	
20) FREON 113	6.732	151	6014	0.27	PPBV #	76
21) TRANS-1,2-DICHLOROETHY...	7.396	96	2844m	0.21	PPBV	
22) TERTIARY BUTYL ALCOHOL	6.390	59	9625m	0.24	PPBV	
23) METHYL TERTIARY BUTYL ...	7.655	73	7565m	0.23	PPBV	
24) TETRAHYDROFURAN	9.105	42	4081	0.21	PPBV #	72
25) HEXANE	8.598	57	13456	0.41	PPBV #	65
26) VINYL ACETATE	7.717	43	8814	0.25	PPBV #	88
27) 1,1-DICHLOROETHANE	7.600	63	7978	0.24	PPBV #	53
28) METHYL ETHYL KETONE	7.982	43	9529	0.26	PPBV	76
29) cis-1,2-DICHLOROETHYLENE	8.399	96	2724m	0.20	PPBV	
30) ETHYL ACETATE	8.603	43	18630	0.30	PPBV #	96
31) CHLOROFORM	8.686	83	10899	0.32	PPBV	95
32) 1,1,1-TRICHLOROETHANE	9.657	97	6901	0.23	PPBV	91
33) CARBON TETRACHLORIDE	10.239	117	7656	0.23	PPBV	95
34) 1,2-DICHLOROETHANE	9.398	62	4442	0.21	PPBV	76
36) BENZENE	10.096	78	8613	0.24	PPBV	79
37) CYCLOHEXANE	10.362	84	3975	0.24	PPBV #	85
38) TRICHLOROETHYLENE	11.098	95	3889	0.21	PPBV	94
39) 1,2-DICHLOROPROPANE	10.875	63	3818	0.22	PPBV #	56
40) BROMODICHLOROMETHANE	11.065	83	6555	0.23	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.120	57	20871	0.23	PPBV	93
42) 1,4-DIOXANE	11.123	88	948m	0.15	PPBV	
43) HEPTANE	11.359	43	7855	0.22	PPBV	82

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Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 17:16:44 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 16:20:20 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.952	43	7733	0.19	PPBV		78
45) cis-1,3-DICHLOROPROPENE	11.922	75	2646	0.16	PPBV		92
46) TOLUENE	12.894	92	5759	0.26	PPBV		97
47) trans-1,3-DICHLOROPROPENE	12.424	75	789	0.06	PPBV	#	77
48) 1,1,2-TRICHLOROETHANE	12.616	83	2943m	0.22	PPBV		
50) 2-HEXANONE	13.134	43	4456	0.16	PPBV	#	80
51) TETRACHLOROETHYLENE	14.030	164	2597	0.21	PPBV	#	80
52) DIBROMOCHLOROMETHANE	13.319	129	4352	0.20	PPBV		90
53) 1,2-DIBROMOETHANE	13.580	107	3011	0.17	PPBV	#	89
54) CHLOROBENZENE	14.731	112	4399	0.18	PPBV		93
55) ETHYLBENZENE	15.116	91	8244	0.19	PPBV		93
56) m,p-XYLENE	15.301	106	6263m	0.38	PPBV		
57) o-XYLENE	15.819	106	3125	0.18	PPBV	#	84
58) STYRENE	15.684	104	1390	0.08	PPBV	#	51
59) NONANE	16.013	43	8719m	0.20	PPBV		
60) BROMOFORM	15.406	173	2298	0.15	PPBV	#	80
62) 1,1,2,2-TETRACHLOROETHANE	15.800	83	8005	0.24	PPBV		95
63) ISOPROPYLBENZENE	16.460	105	10227	0.21	PPBV	#	100
64) 2-CHLOROTOLUENE	17.008	91	5574	0.16	PPBV		95
65) 4-ETHYLTOLUENE	17.205	105	5319m	0.14	PPBV		
66) 1,3,5-TRIMETHYLBENZENE	17.285	105	7207	0.19	PPBV		88
67) 1,2,4-TRIMETHYLBENZENE	17.750	105	4878	0.14	PPBV		95
68) m-DICHLOROBENZENE	17.937	146	995	0.07	PPBV	#	48
69) BENZYL CHLORIDE	17.756	91	271	0.02	PPBV	#	61
70) p-DICHLOROBENZENE	18.016	146	592m	0.05	PPBV		
71) o-DICHLOROBENZENE	18.403	146	1601	0.11	PPBV		92
72) HEXACHLOROBUTADIENE	20.799	225	5561	0.69	PPBV		94
73) 1,2,4-TRICHLOROBENZENE	20.306	180	118m	0.06	PPBV		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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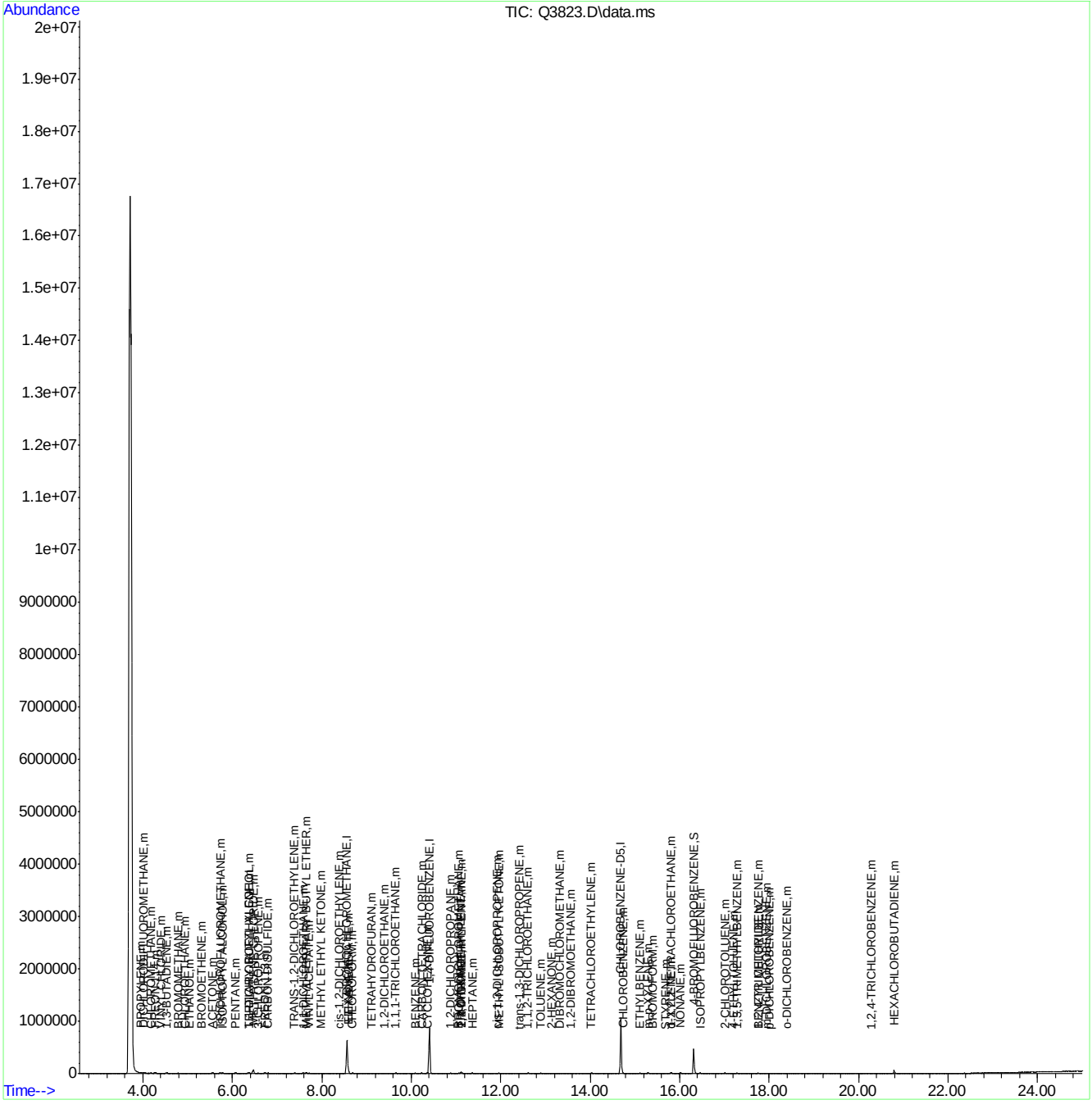

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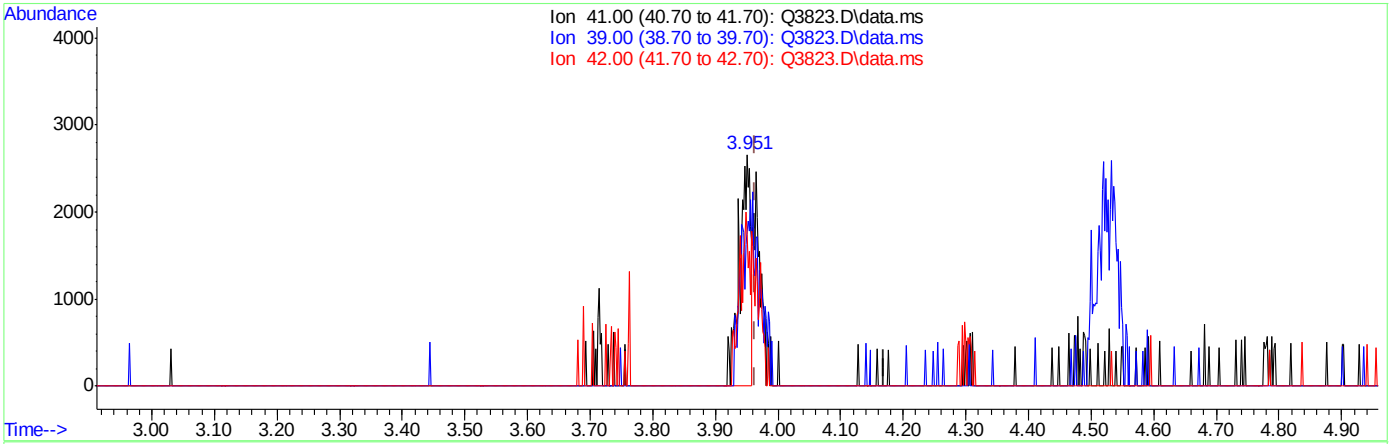

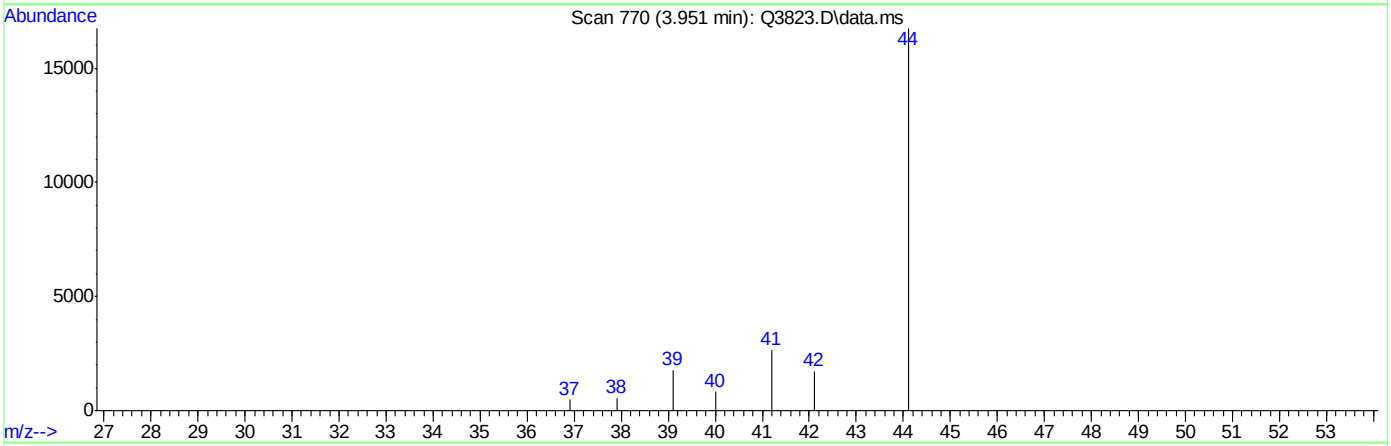

TIC: Q3823.D\data.ms

(3) PROPYLENE (m)

3.951min (-0.013) 0.17PPBV

response 3377

Ion	Exp%	Act%
41.00	100	100
39.00	72.50	67.04
42.00	67.80	65.31
0.00	0.00	0.00

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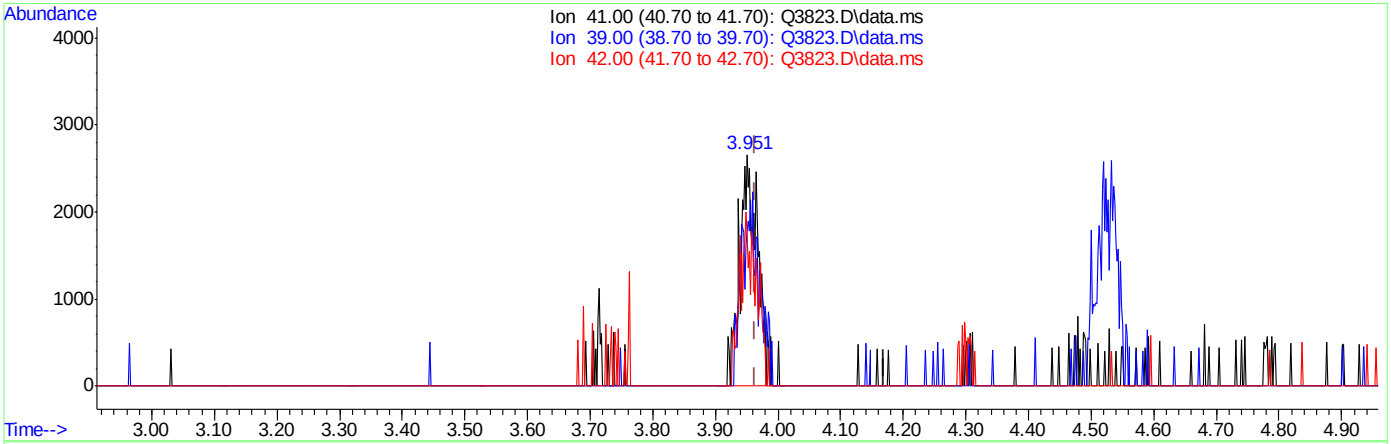

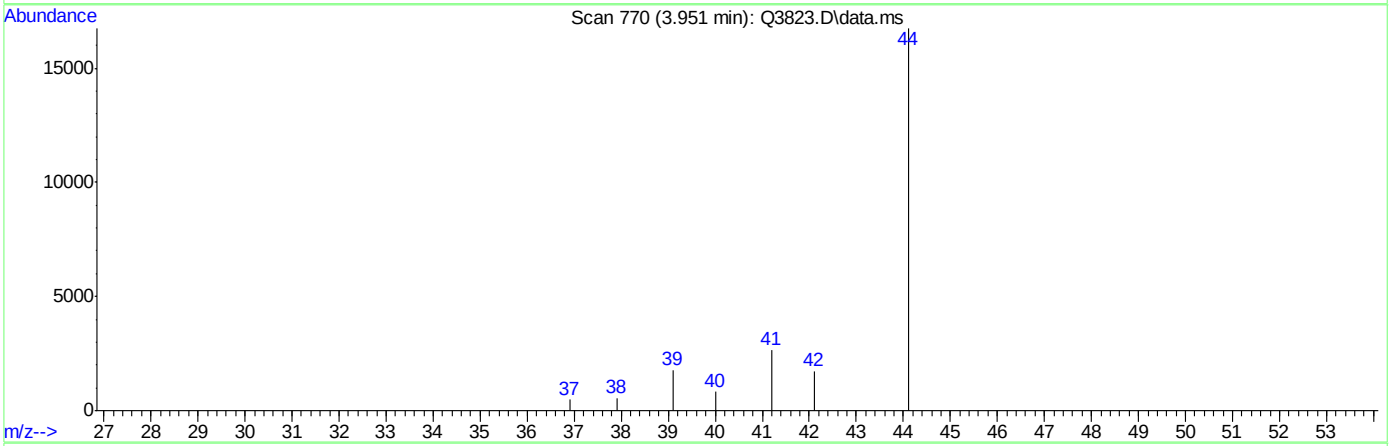

TIC: Q3823.D\data.ms

(3) PROPYLENE (m)

3.951min (-0.013) 0.28PPBV m

response 5491

Ion	Exp%	Act%
41.00	100	100
39.00	72.50	67.04
42.00	67.80	65.31
0.00	0.00	0.00

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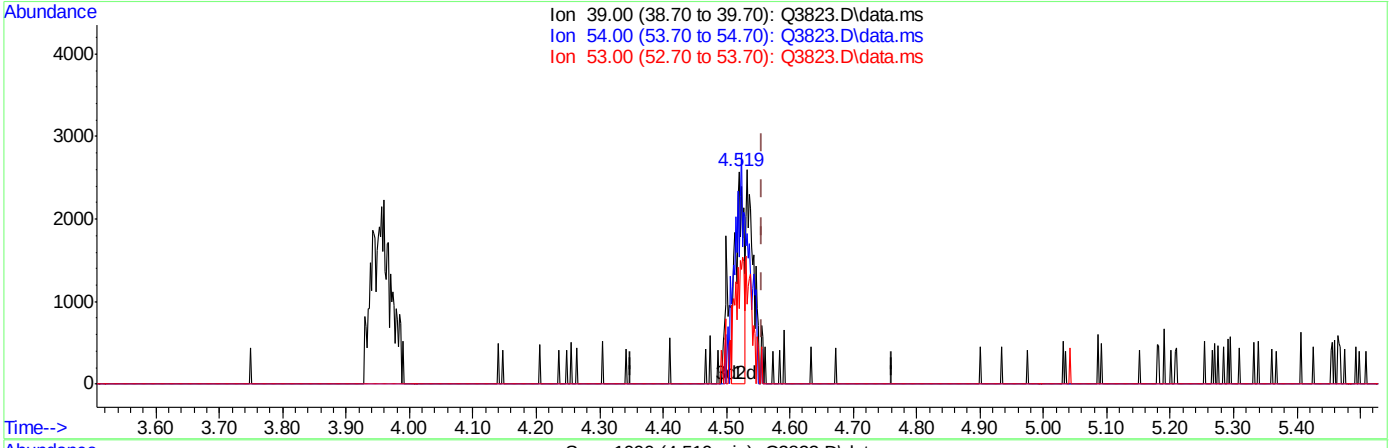

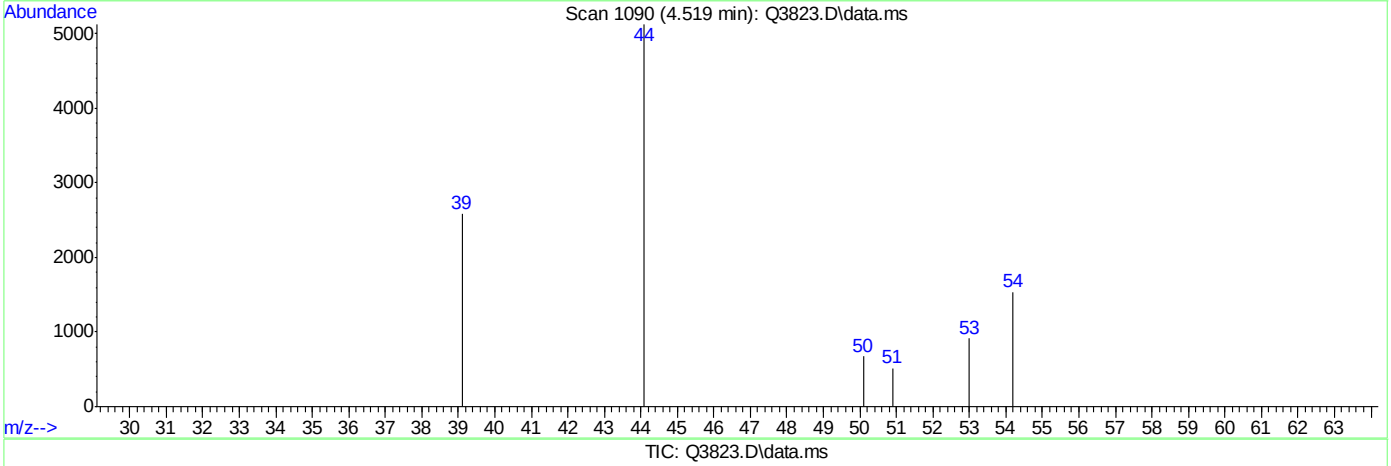

TIC: Q3823.D\data.ms

(7) 1,3-BUTADIENE (m)

4.519min (-0.037) 0.12PPBV

response 2275

Ion	Exp%	Act%
39.00	100	100
54.00	111.20	184.79#
53.00	75.80	0.00#
0.00	0.00	0.00

ACCUTEST Laboratories M65803

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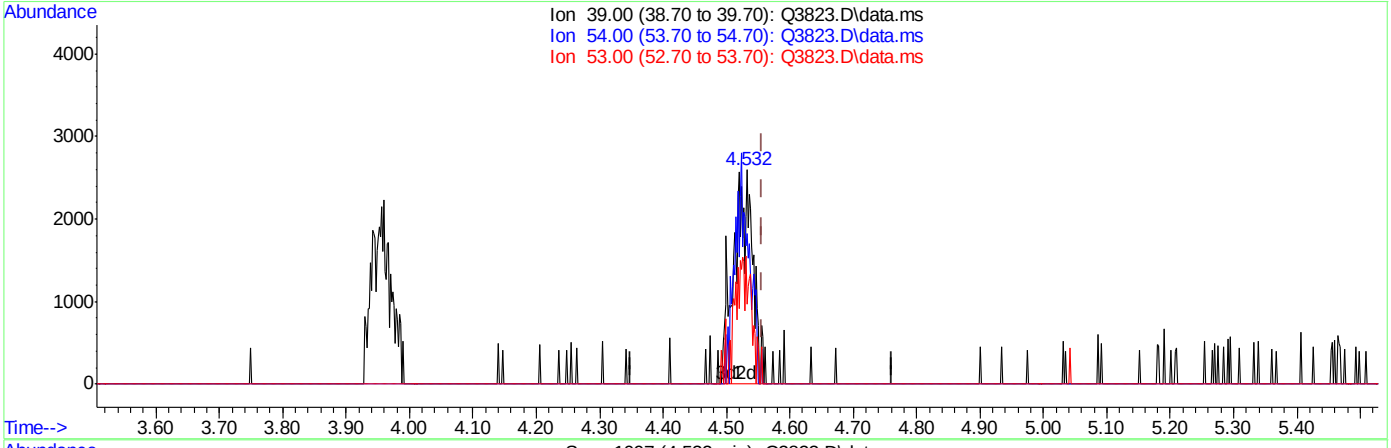

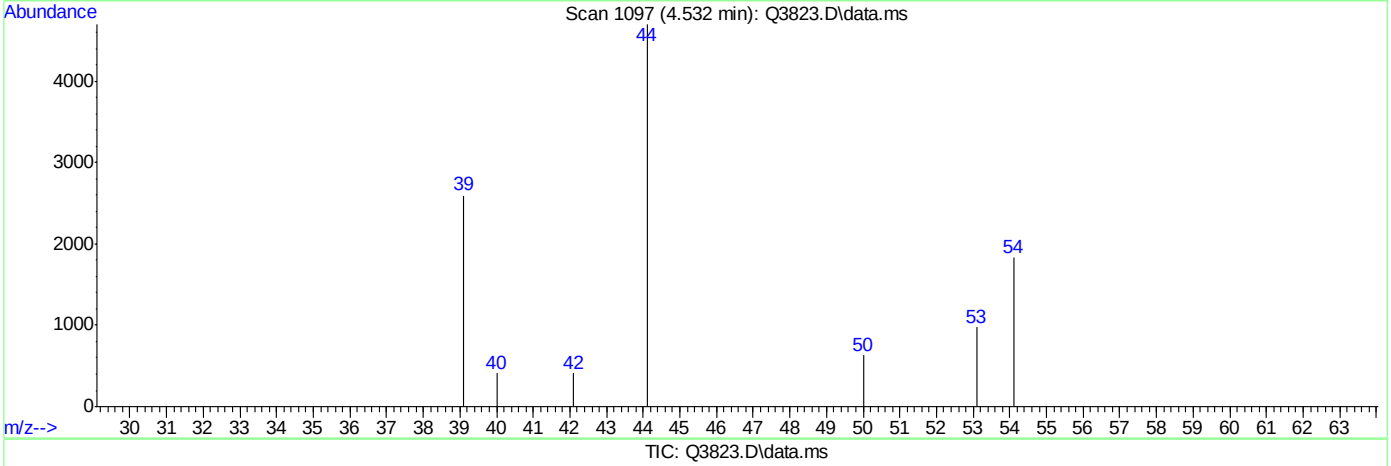

TIC: Q3823.D\data.ms

(7) 1,3-BUTADIENE (m)

4.532min (-0.024) 0.29PPBV m

response 5362

Ion	Exp%	Act%
39.00	100	100
54.00	111.20	78.40#
53.00	75.80	0.00#
0.00	0.00	0.00

ACCUTEST Laboratories M65803

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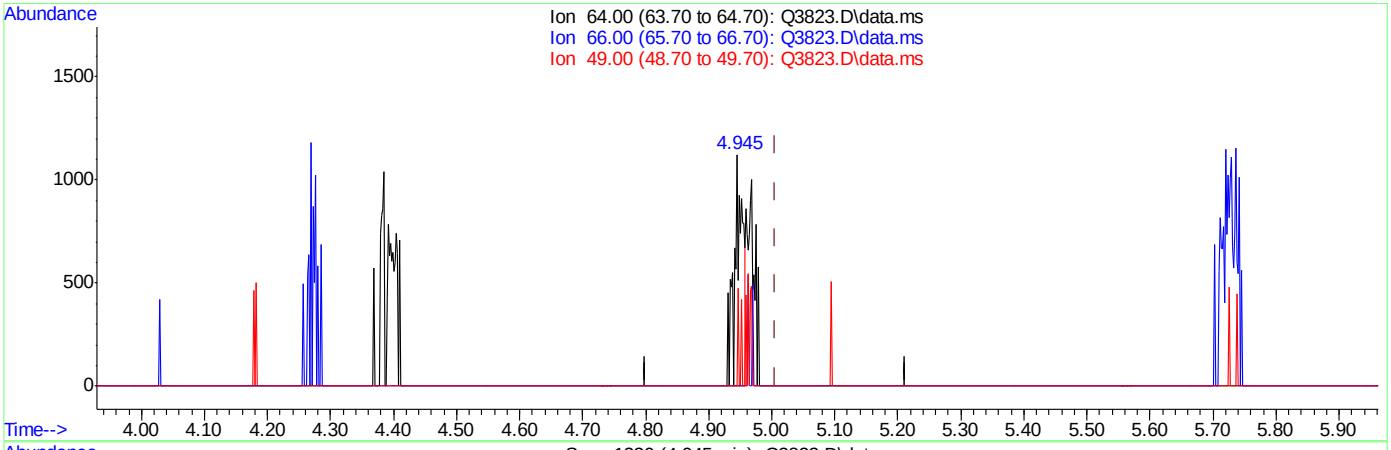

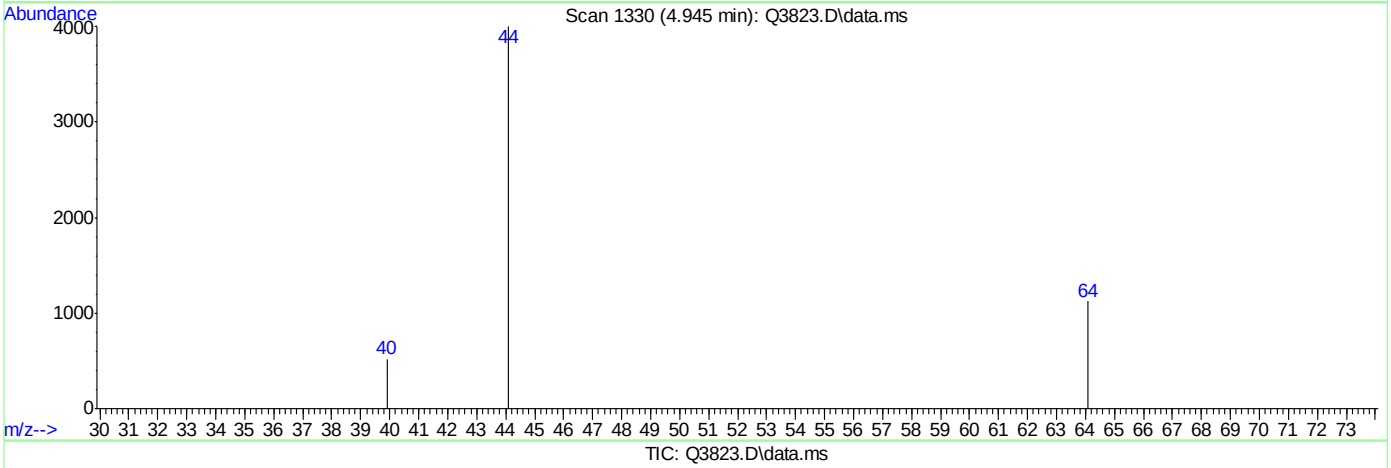

TIC: Q3823.D\data.ms

(9) CHLOROETHANE (m)

4.945min (-0.060) 0.12PPBV

response 1032

Ion	Exp%	Act%
64.00	100	100
66.00	29.70	0.00#
49.00	36.50	9.30#
0.00	0.00	0.00

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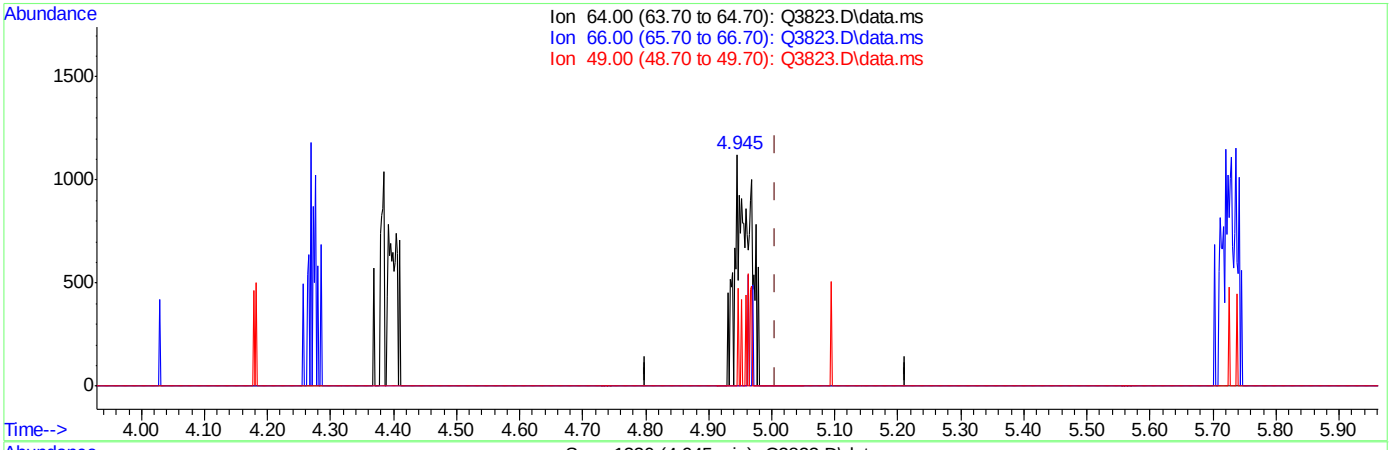

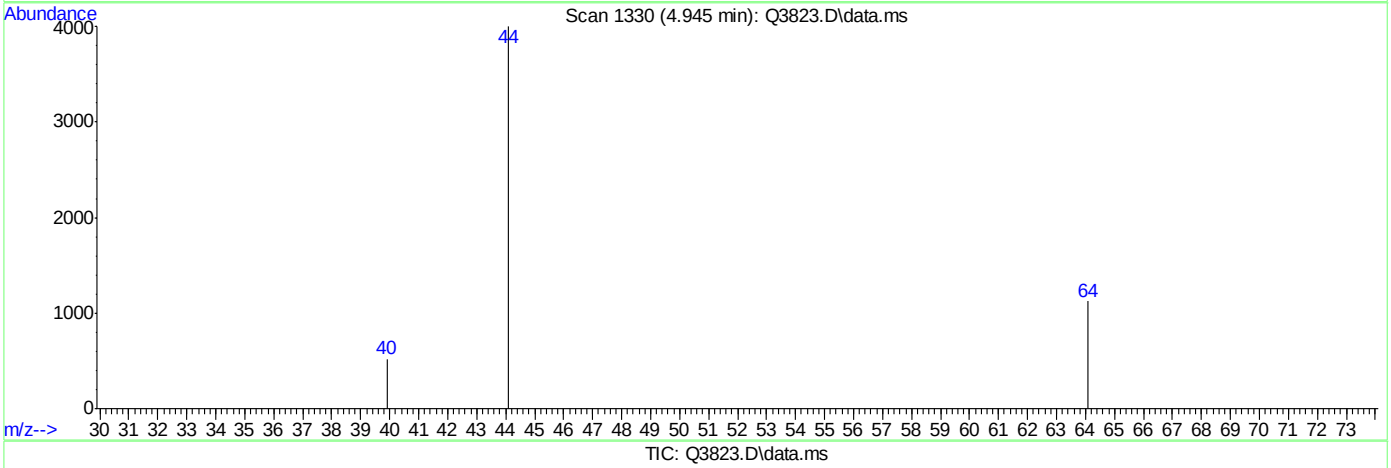

TIC: Q3823.D\data.ms

(9) CHLOROETHANE (m)

4.945min (-0.060) 0.21PPBV m

response 1851

Ion	Exp%	Act%
64.00	100	100
66.00	29.70	0.00#
49.00	36.50	5.19#
0.00	0.00	0.00

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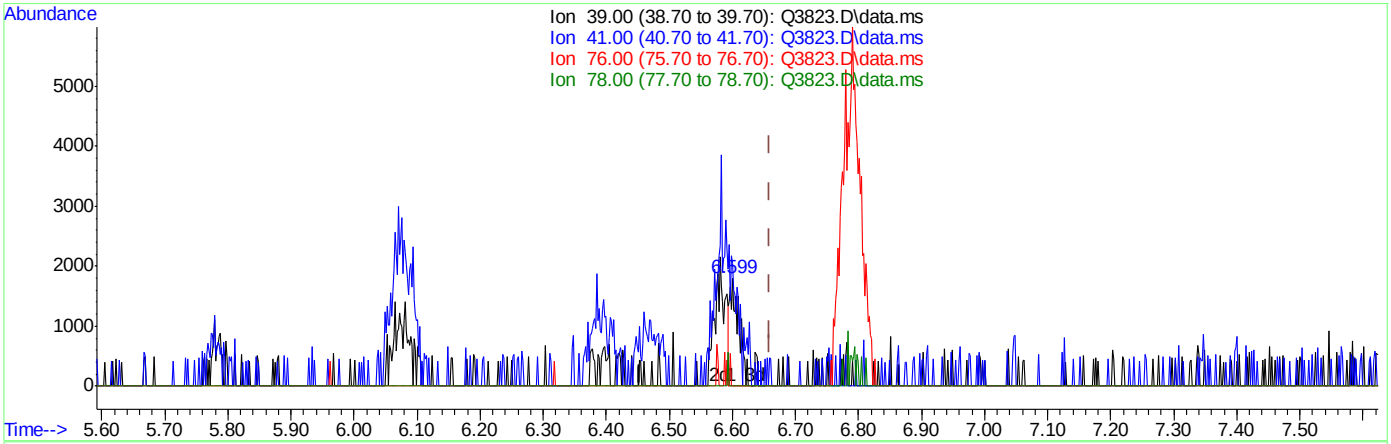

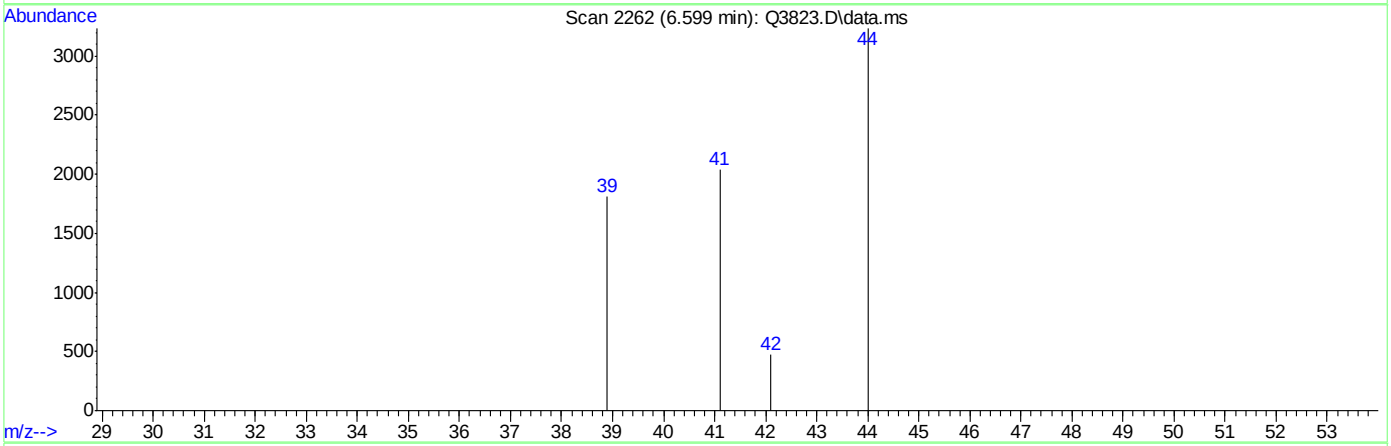

TIC: Q3823.D\data.ms

(19) 3-CHLOROPROPENE (m)

6.599min (-0.060) 0.12PPBV

response 1832

Ion	Exp%	Act%
39.00	100	100
41.00	130.80	0.00#
76.00	38.00	0.00#
78.00	12.20	3.33

ACCUTEST Laboratories M65803

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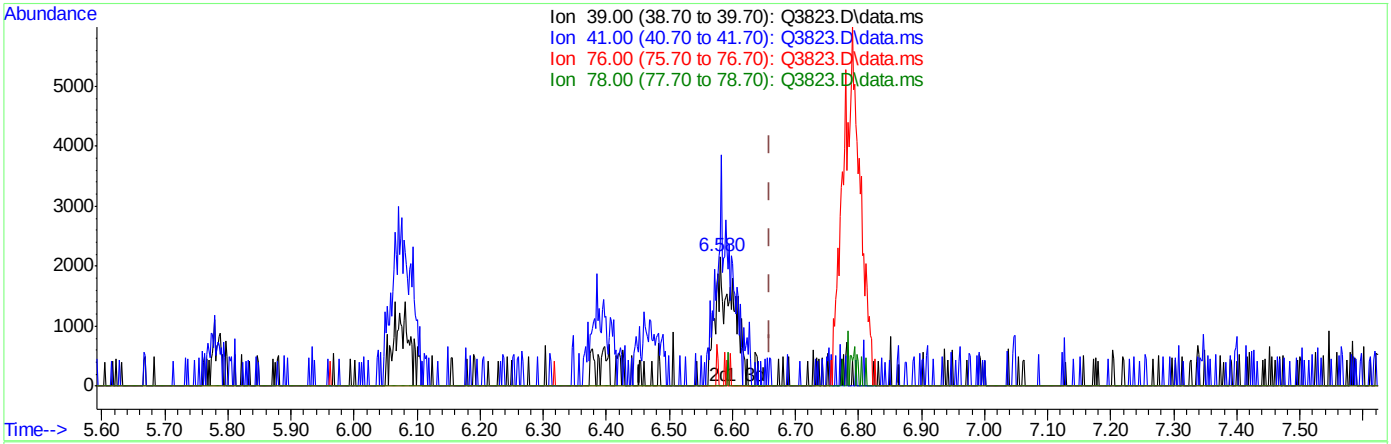

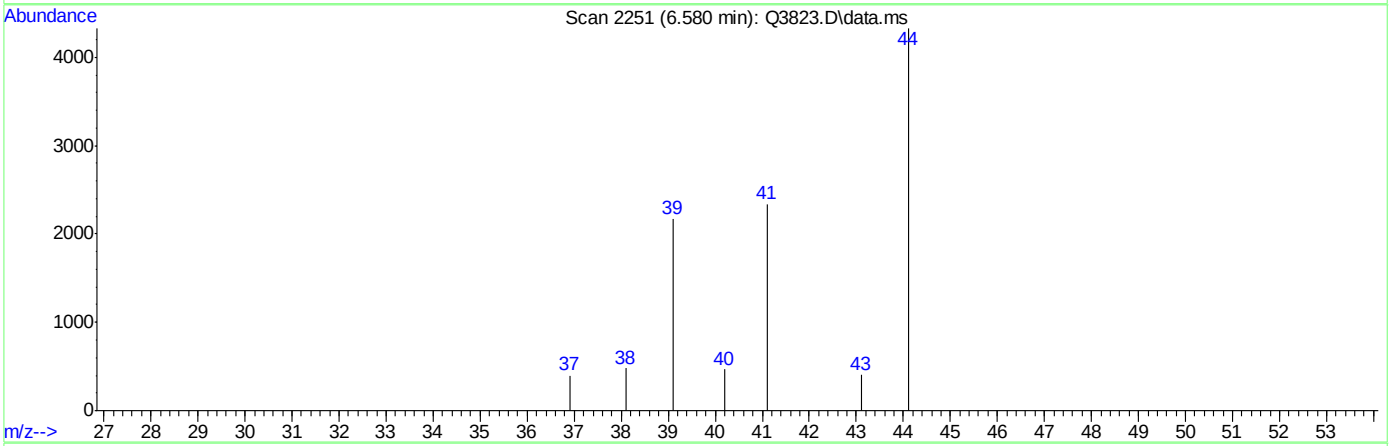

TIC: Q3823.D\data.ms

(19) 3-CHLOROPROPENE (m)

6.580min (-0.080) 0.28PPBV m

response 4399

Ion	Exp%	Act%
39.00	100	100
41.00	130.80	0.00#
76.00	38.00	0.00#
78.00	12.20	1.39

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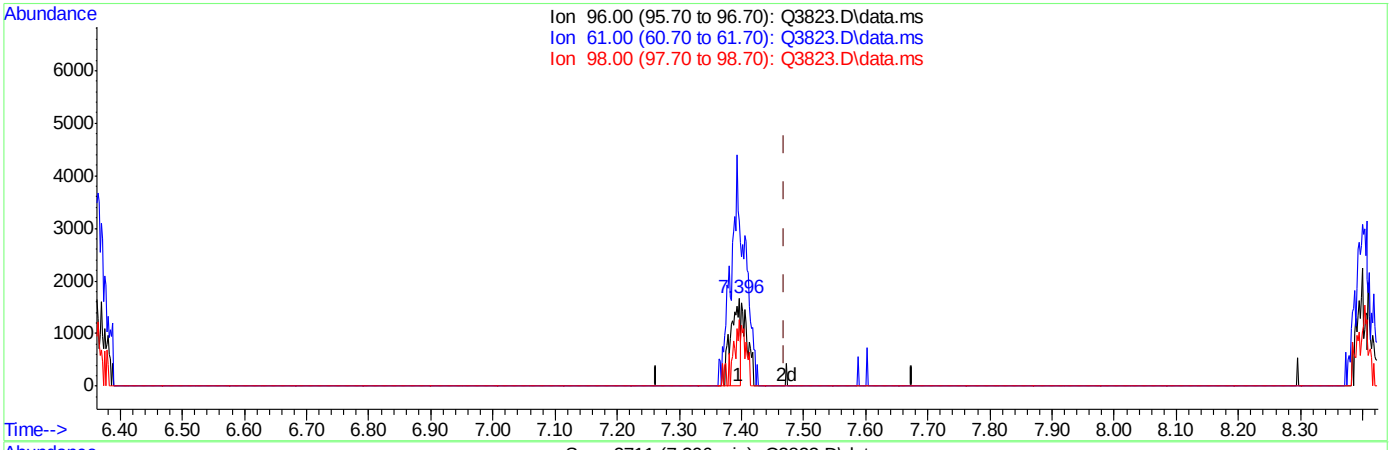

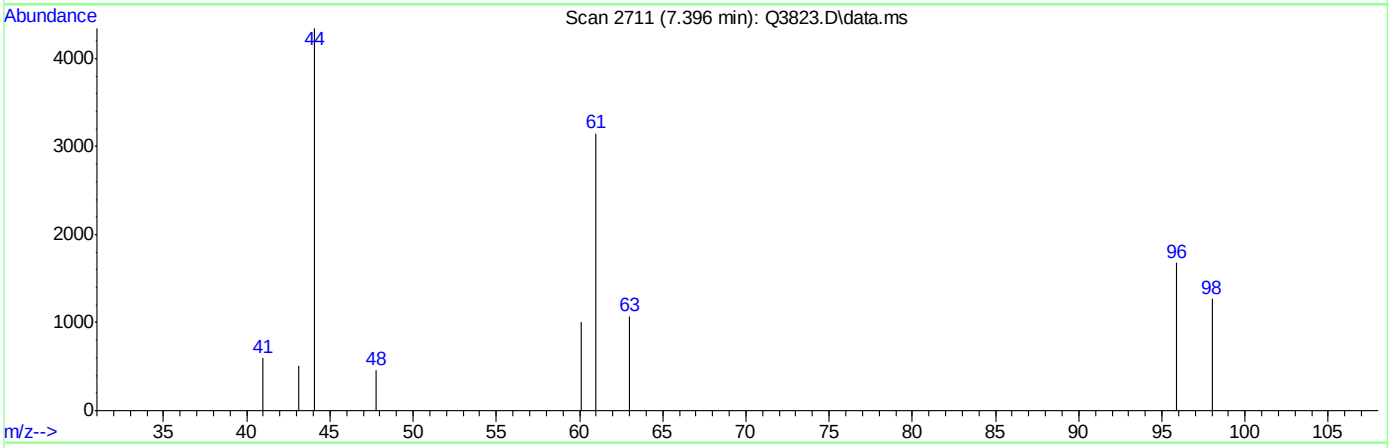

TIC: Q3823.D\data.ms

(21) TRANS-1,2-DICHLOROETHYLENE (m)

7.396min (-0.073) 0.12PPBV

response 1717

Ion	Exp%	Act%
96.00	100	100
61.00	181.00	395.28#
98.00	63.30	87.83#
0.00	0.00	0.00

ACCUTEST Laboratories M65803

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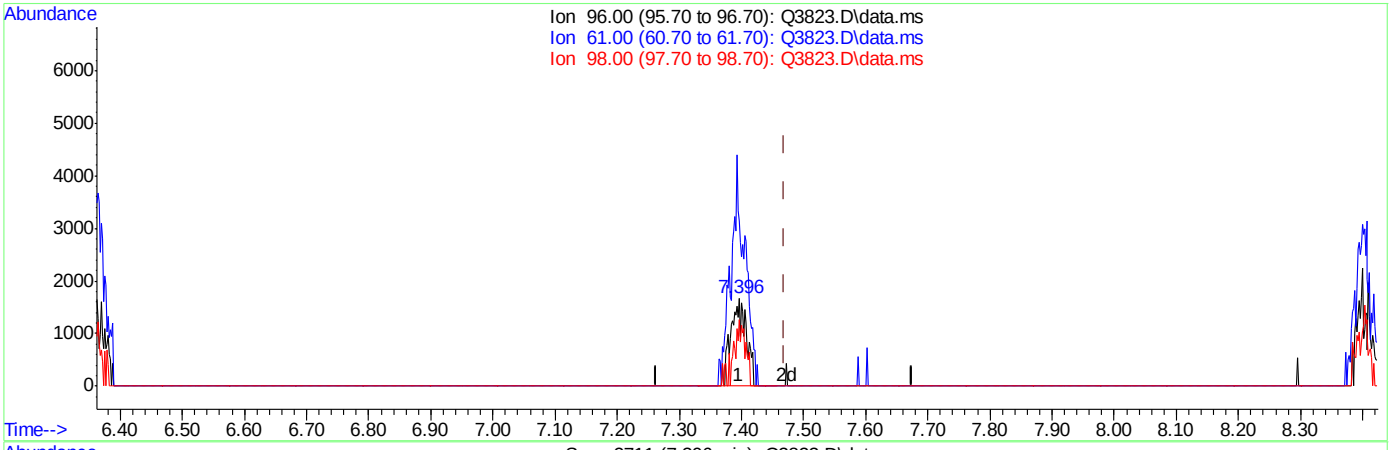
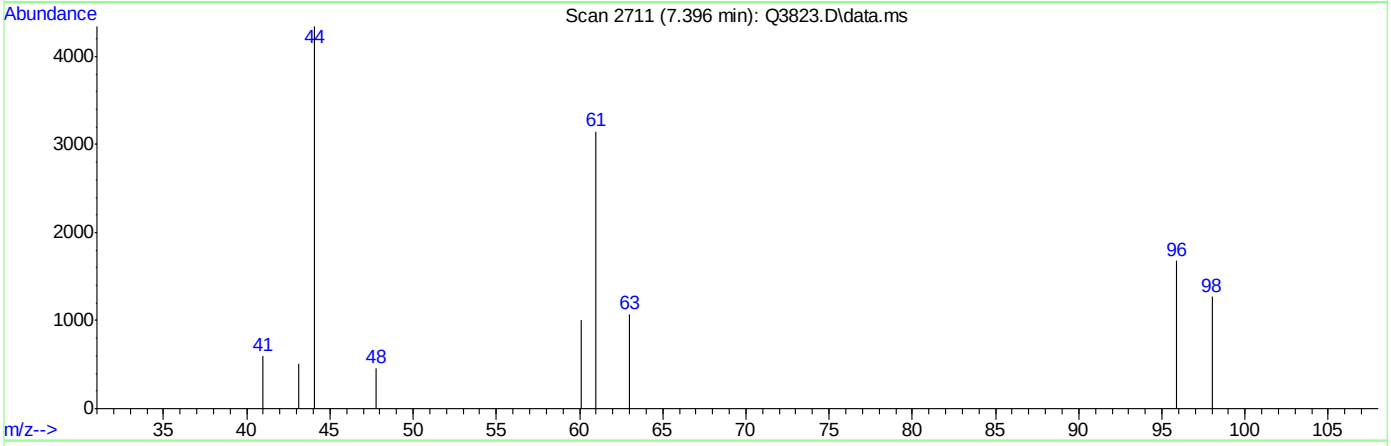
Quant Time: Jun 27 17:14:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 16:20:20 2007
Response via : Initial Calibration





TIC: Q3823.D\data.ms

(21) TRANS-1,2-DICHLOROETHYLENE (m)

7.396min (-0.073) 0.21PPBV m

response 2844

Ion	Exp%	Act%
96.00	100	100
61.00	181.00	238.64#
98.00	63.30	53.02
0.00	0.00	0.00

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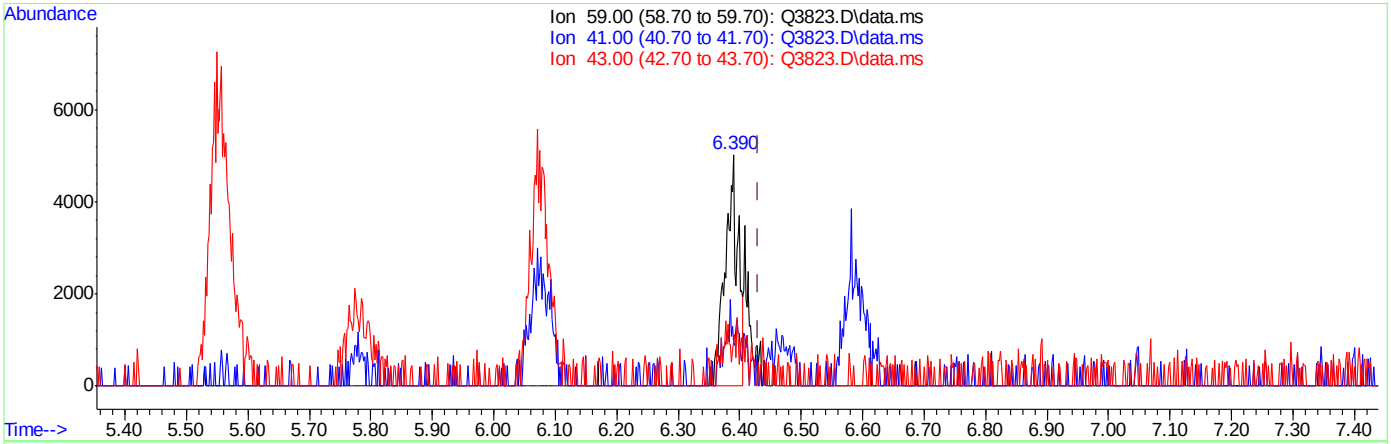
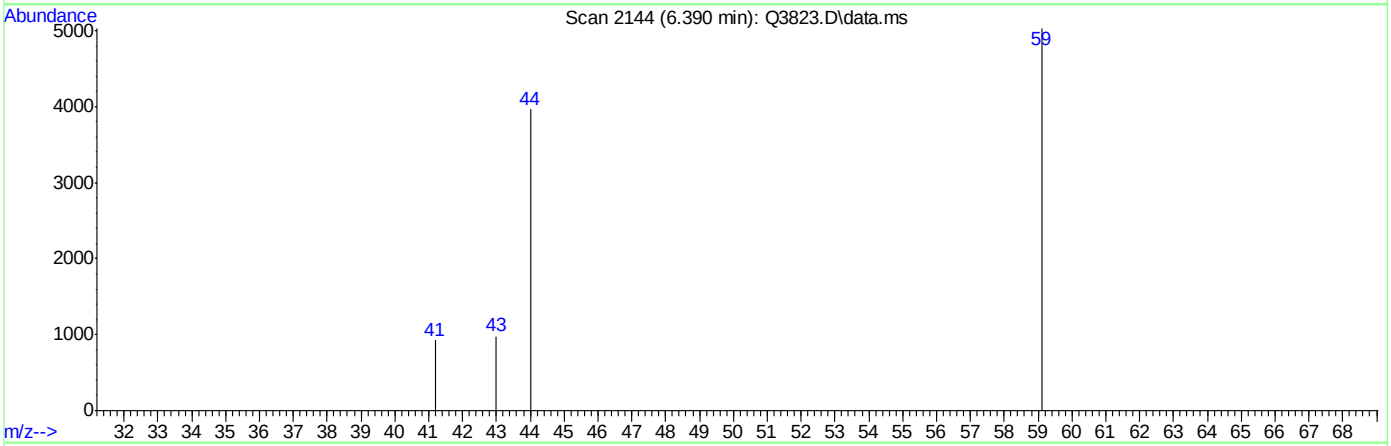
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3823.D
Acq On : 27 Jun 2007 4:40 pm
Operator : PhilipB
Sample : IC205-.2 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 17:14:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 16:20:20 2007
Response via : Initial Calibration





TIC: Q3823.D\data.ms

(22) TERTIARY BUTYL ALCOHOL (m)

6.390min (-0.041) 0.18PPBV

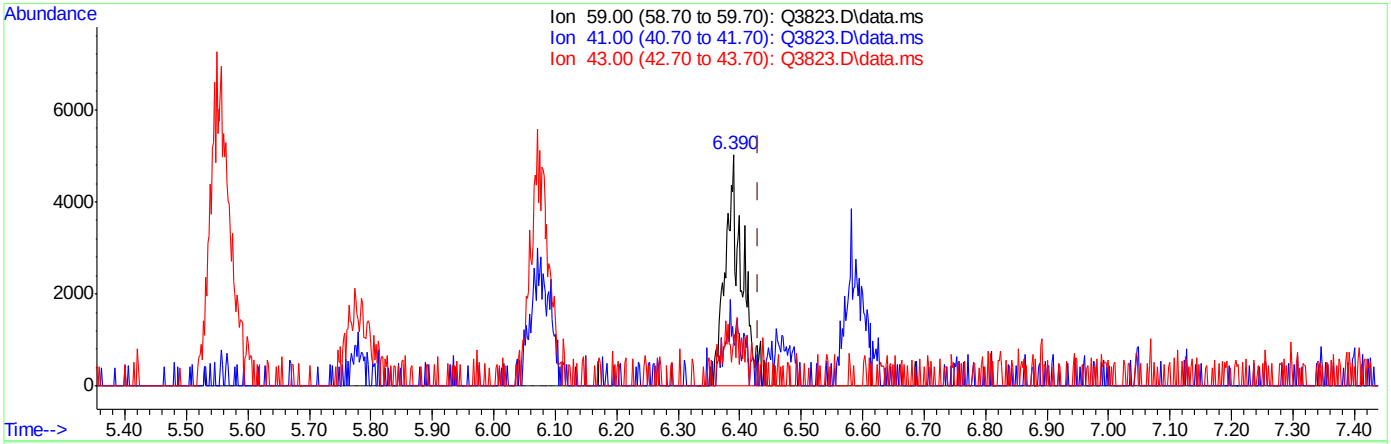
response 6994

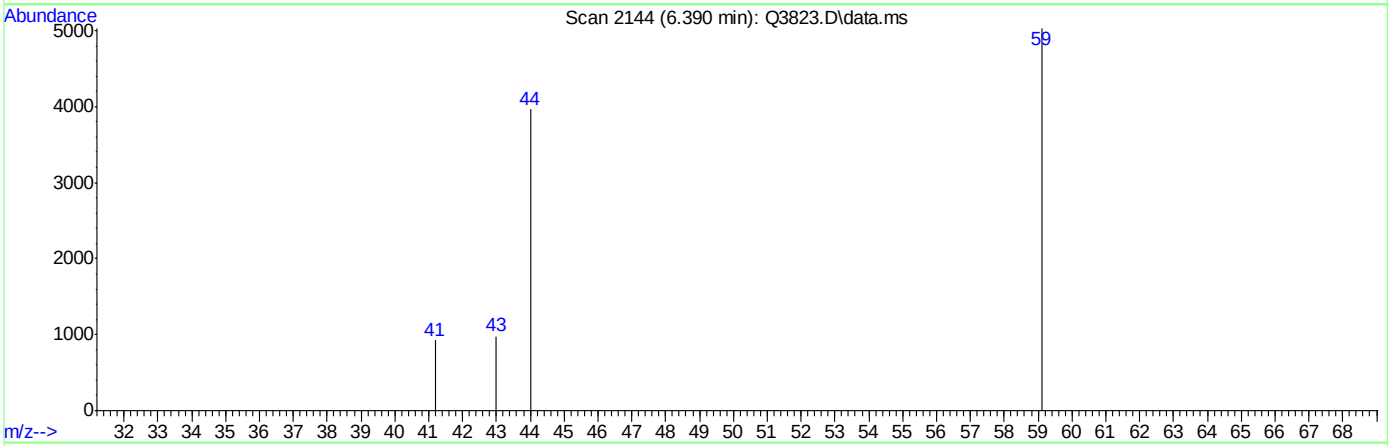
Ion	Exp%	Act%
59.00	100	100
41.00	16.40	32.34
43.00	13.40	17.93
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3823.D
Acq On : 27 Jun 2007 4:40 pm
Operator : PhilipB
Sample : IC205-.2 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 17:14:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 16:20:20 2007
Response via : Initial Calibration





TIC: Q3823.D\data.ms

(22) TERTIARY BUTYL ALCOHOL (m)

6.390min (-0.041) 0.24PPBV m

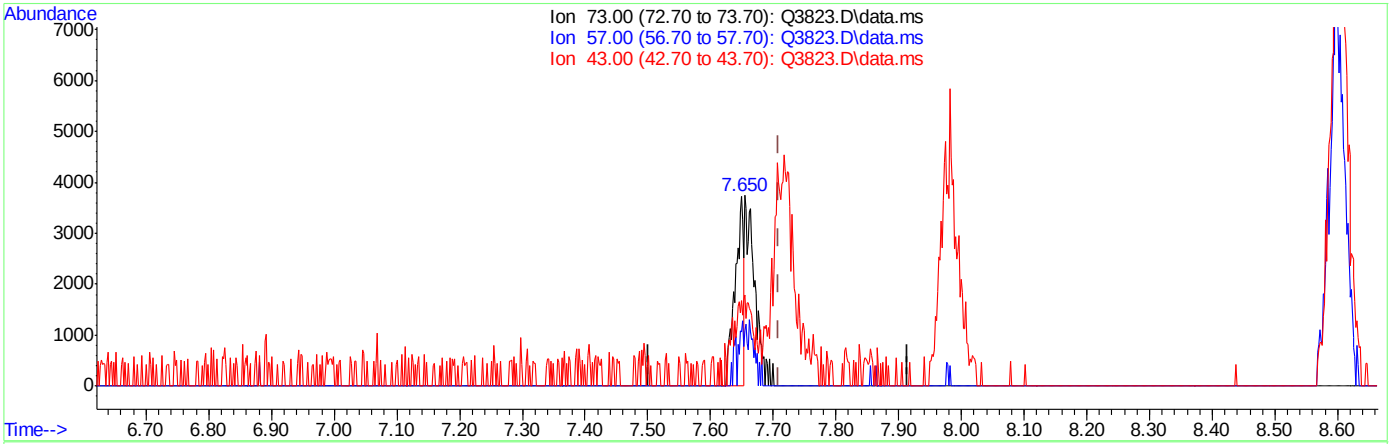
response 9625

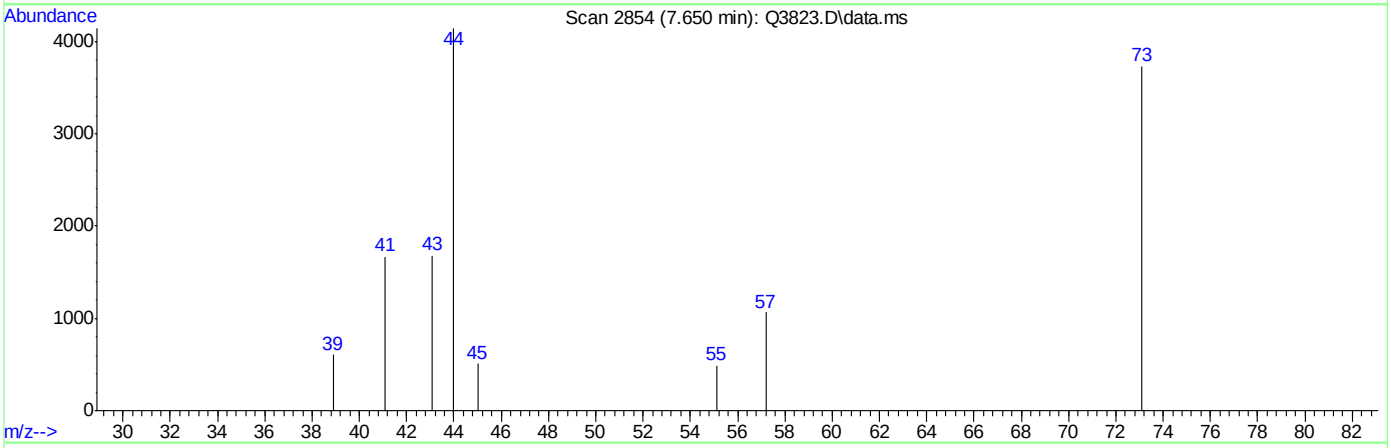
Ion	Exp%	Act%
59.00	100	100
41.00	16.40	23.50
43.00	13.40	13.03
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3823.D
Acq On : 27 Jun 2007 4:40 pm
Operator : PhilipB
Sample : IC205-.2 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 17:14:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 16:20:20 2007
Response via : Initial Calibration





TIC: Q3823.D\data.ms

(23) METHYL TERTIARY BUTYL ETHER (m)

7.650min (-0.059) 0.11PPBV

response 3422

Ion	Exp%	Act%
73.00	100	100
57.00	26.00	39.51
43.00	25.90	110.81#
0.00	0.00	0.00

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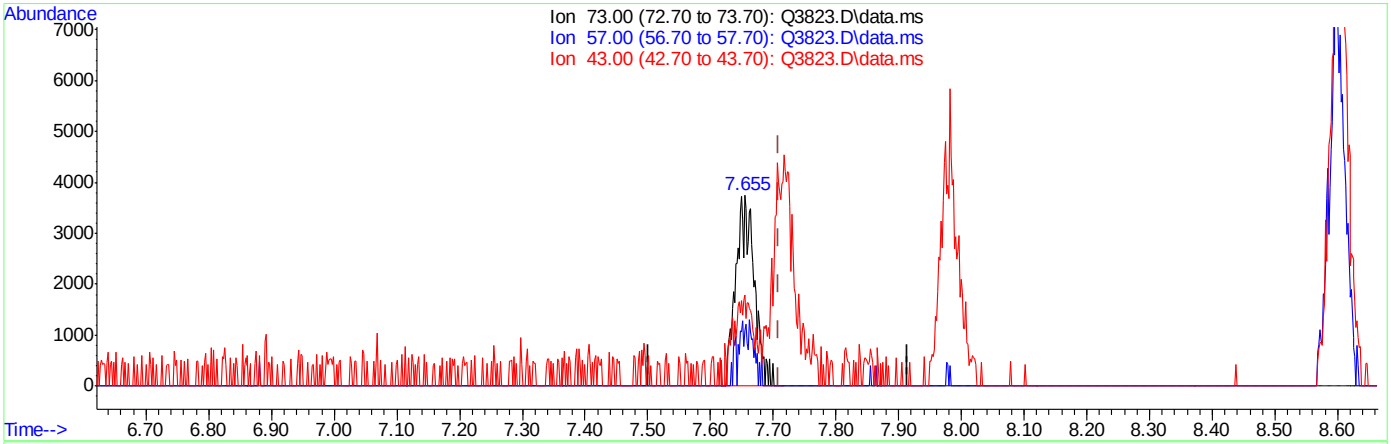
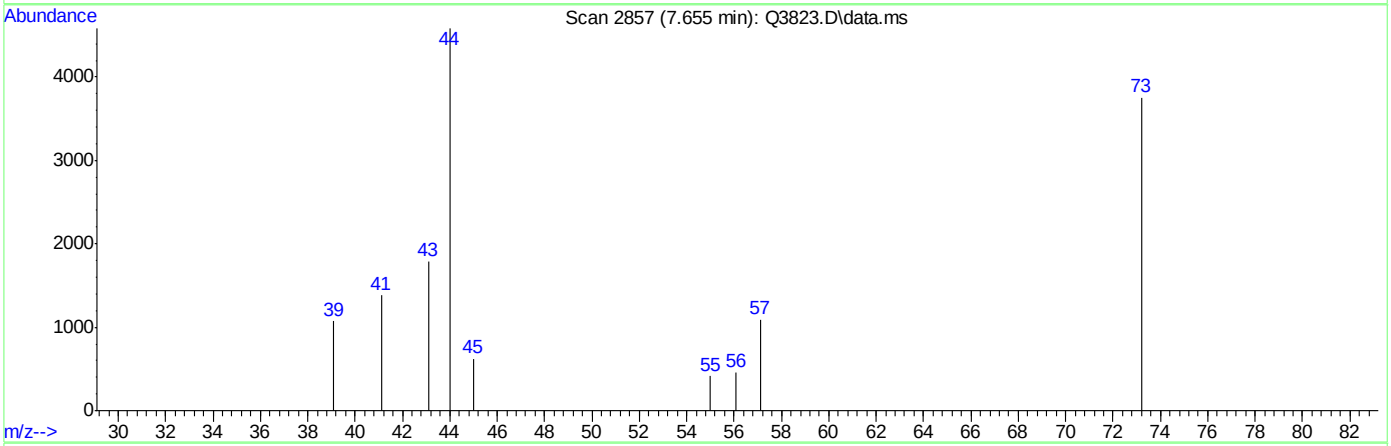
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3823.D
Acq On : 27 Jun 2007 4:40 pm
Operator : PhilipB
Sample : IC205-.2 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 17:14:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 16:20:20 2007
Response via : Initial Calibration





(23) METHYL TERTIARY BUTYL ETHER (m)

7.655min (-0.053) 0.23PPBV m

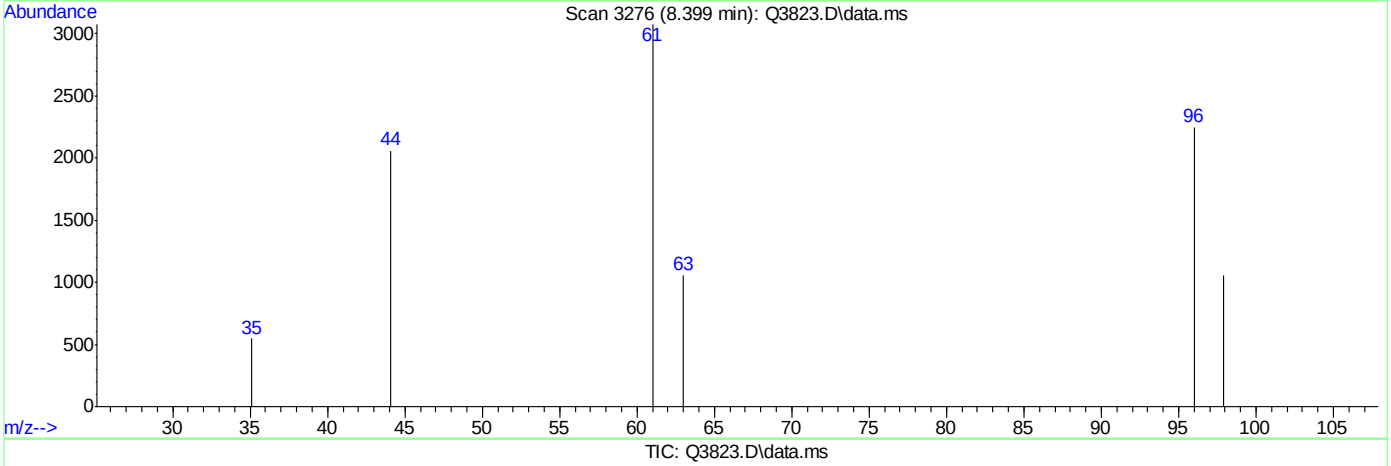
response 7565

Ion	Exp%	Act%
73.00	100	100
57.00	26.00	17.87
43.00	25.90	50.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3823.D
Acq On : 27 Jun 2007 4:40 pm
Operator : PhilipB
Sample : IC205-.2 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 17:14:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 16:20:20 2007
Response via : Initial Calibration



TIC: Q3823.D\data.ms

(29) cis-1,2-DICHLOROETHYLENE (m)

8.399min (-0.075) 0.13PPBV

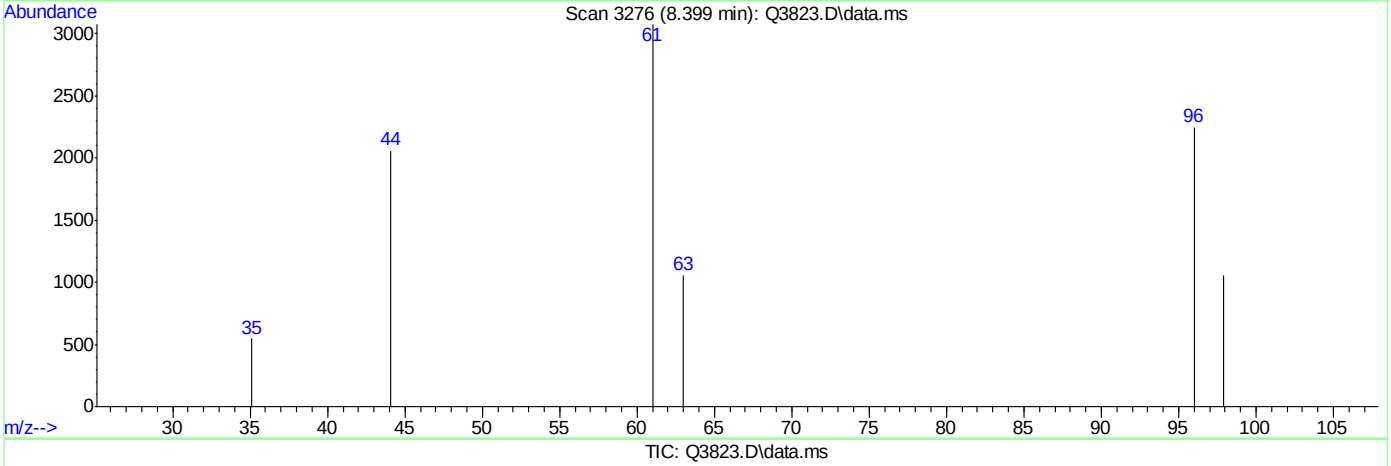
response 1824

Ion	Exp%	Act%
96.00	100	100
98.00	63.40	99.18#
61.00	186.90	287.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3823.D
Acq On : 27 Jun 2007 4:40 pm
Operator : PhilipB
Sample : IC205-.2 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 17:14:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 16:20:20 2007
Response via : Initial Calibration



TIC: Q3823.D\data.ms

(29) cis-1,2-DICHLOROETHYLENE (m)

8.399min (-0.075) 0.20PPBV m

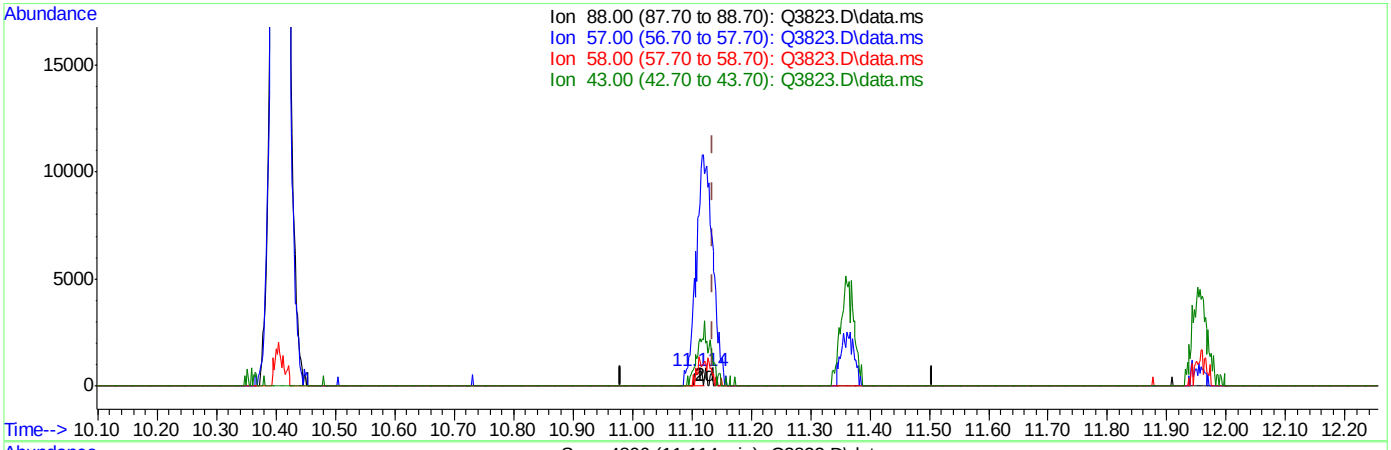
response 2724

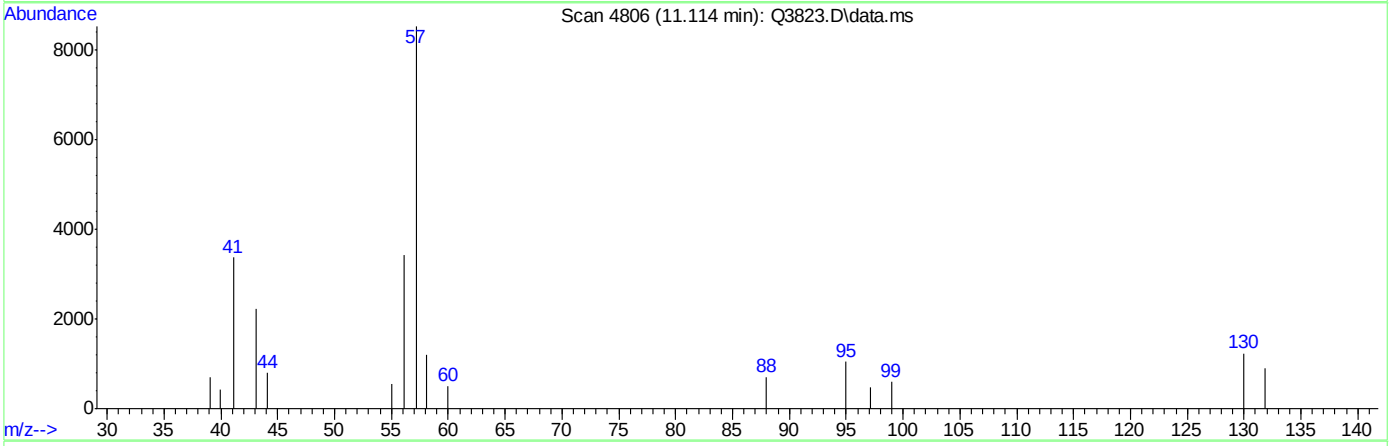
Ion	Exp%	Act%
96.00	100	100
98.00	63.40	66.41
61.00	186.90	192.36
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3823.D
Acq On : 27 Jun 2007 4:40 pm
Operator : PhilipB
Sample : IC205-.2 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 17:14:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 16:20:20 2007
Response via : Initial Calibration





TIC: Q3823.D\data.ms

(42) 1,4-DIOXANE (m)

11.114min (-0.021) 0.09PPBV

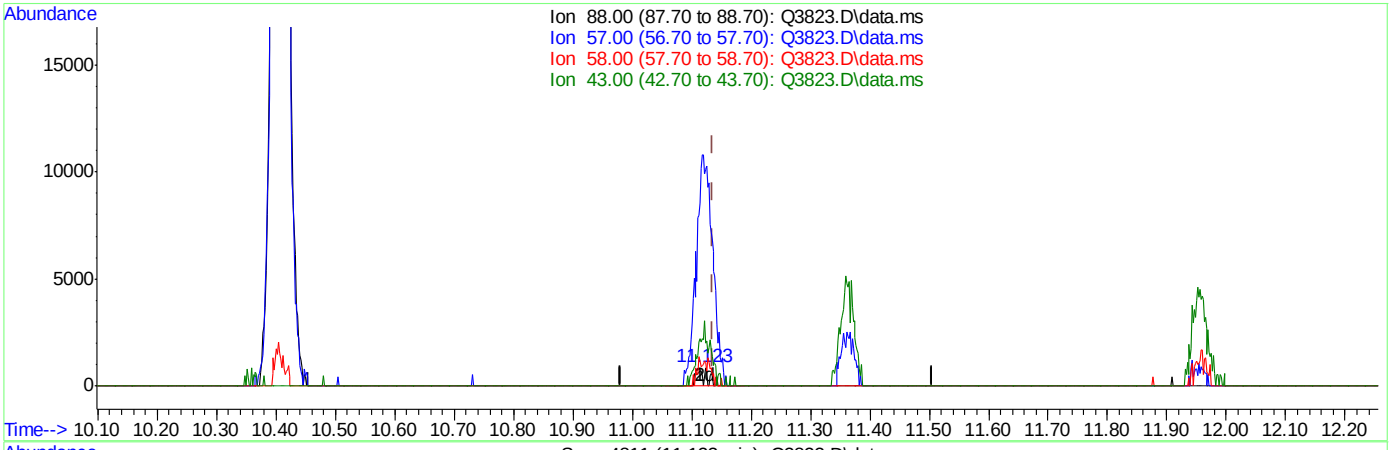
response 580

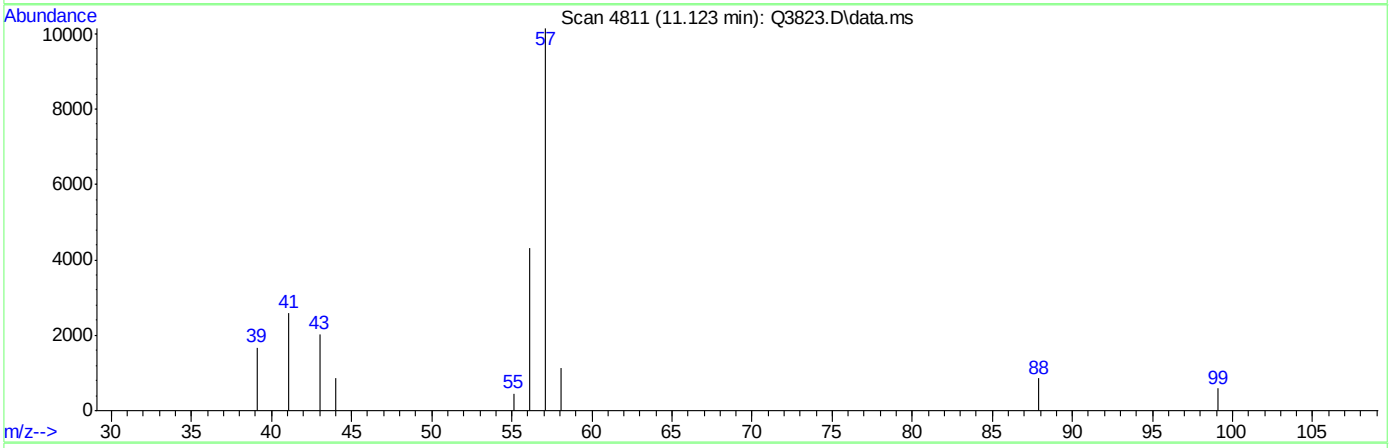
Ion	Exp%	Act%
88.00	100	100
57.00	45.40	1197.19#
58.00	84.10	167.32#
43.00	40.20	310.94#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3823.D
Acq On : 27 Jun 2007 4:40 pm
Operator : PhilipB
Sample : IC205-.2 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 17:14:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 16:20:20 2007
Response via : Initial Calibration





(42) 1,4-DIOXANE (m)

11.123min (-0.012) 0.15PPBV m

response 948

Ion	Exp%	Act%
88.00	100	100
57.00	45.40	1181.82#
58.00	84.10	130.65#
43.00	40.20	236.36#

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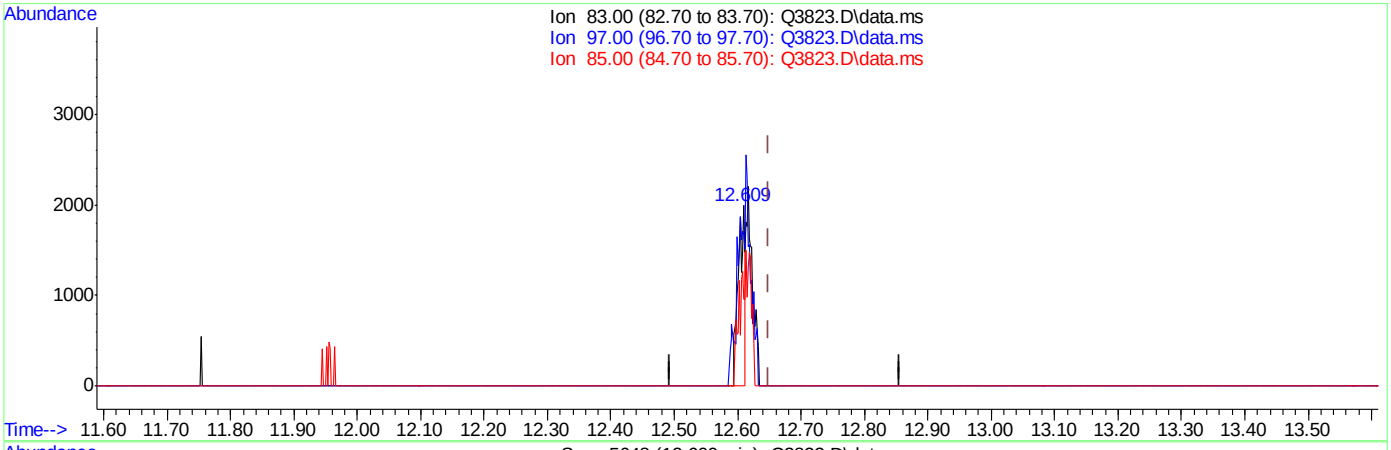
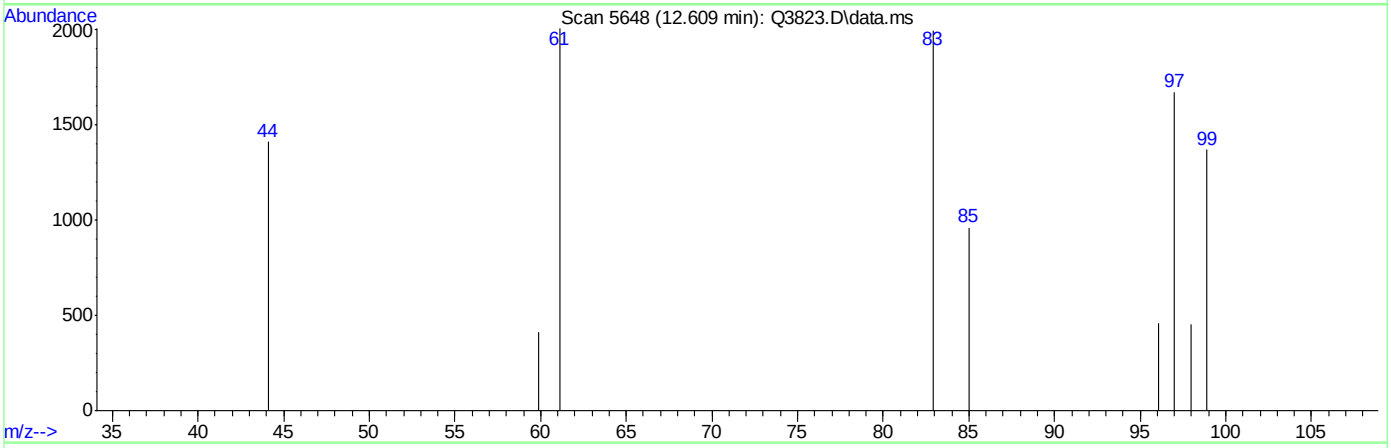
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3823.D
Acq On : 27 Jun 2007 4:40 pm
Operator : PhilipB
Sample : IC205-.2 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 17:14:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 16:20:20 2007
Response via : Initial Calibration





TIC: Q3823.D\data.ms

(48) 1,1,2-TRICHLOROETHANE (m)

12.609min (-0.041) 0.10PPBV

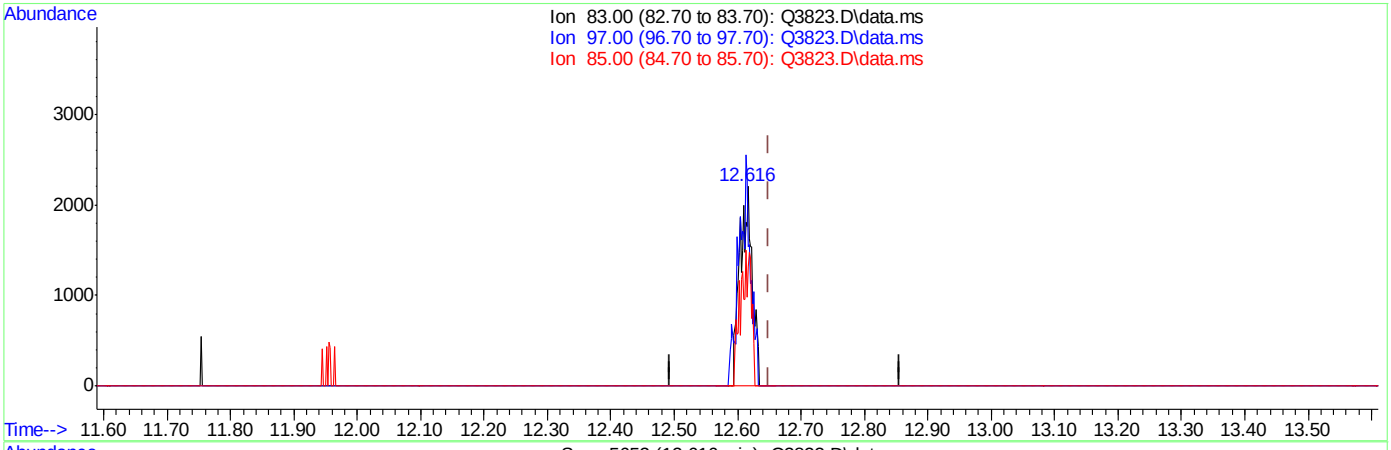
response 1387

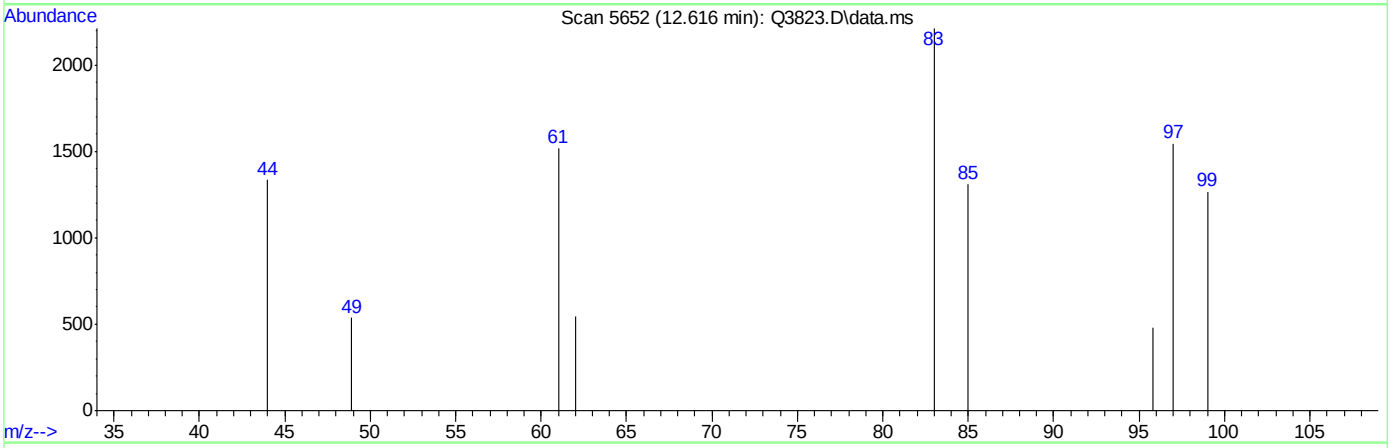
Ion	Exp%	Act%
83.00	100	100
97.00	113.20	227.47#
85.00	64.40	129.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3823.D
Acq On : 27 Jun 2007 4:40 pm
Operator : PhilipB
Sample : IC205-.2 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 17:14:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 16:20:20 2007
Response via : Initial Calibration





TIC: Q3823.D\data.ms

(48) 1,1,2-TRICHLOROETHANE (m)

12.616min (-0.034) 0.22PPBV m

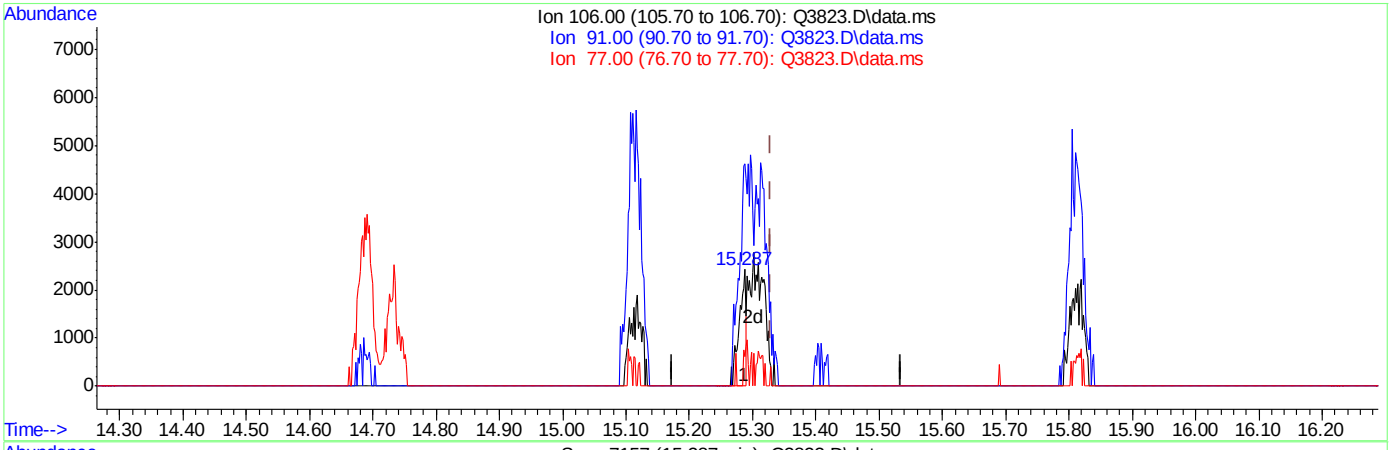
response 2943

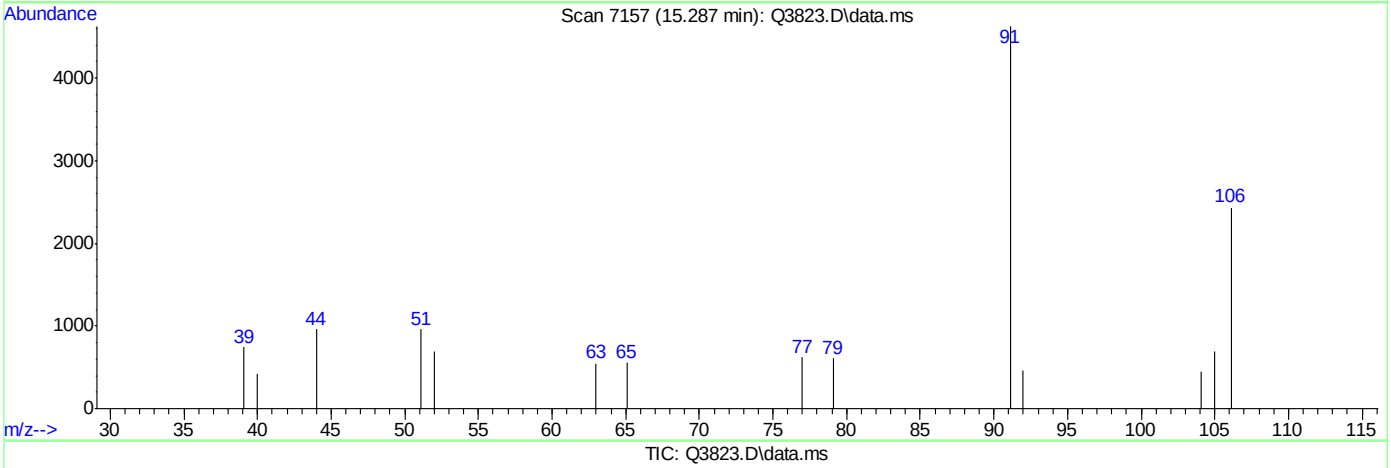
Ion	Exp%	Act%
83.00	100	100
97.00	113.20	107.20
85.00	64.40	60.82
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3823.D
Acq On : 27 Jun 2007 4:40 pm
Operator : PhilipB
Sample : IC205-.2 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 17:14:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 16:20:20 2007
Response via : Initial Calibration





TIC: Q3823.D\data.ms

(56) m,p-XYLENE (m)

15.287min (-0.042) 0.11PPBV

response 1768

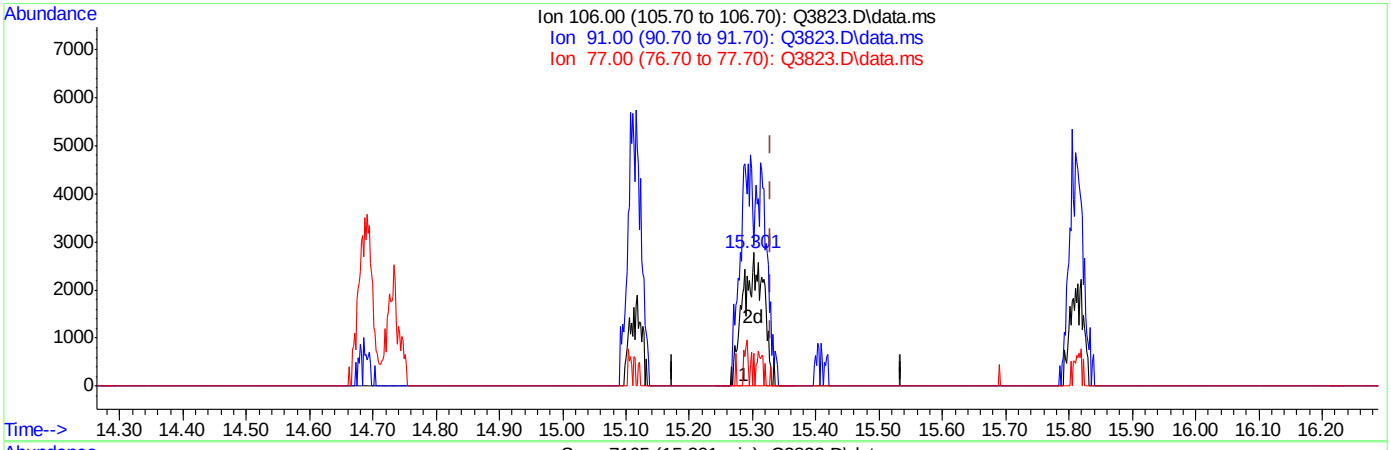
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	190.49
77.00	27.30	25.58
0.00	0.00	0.00

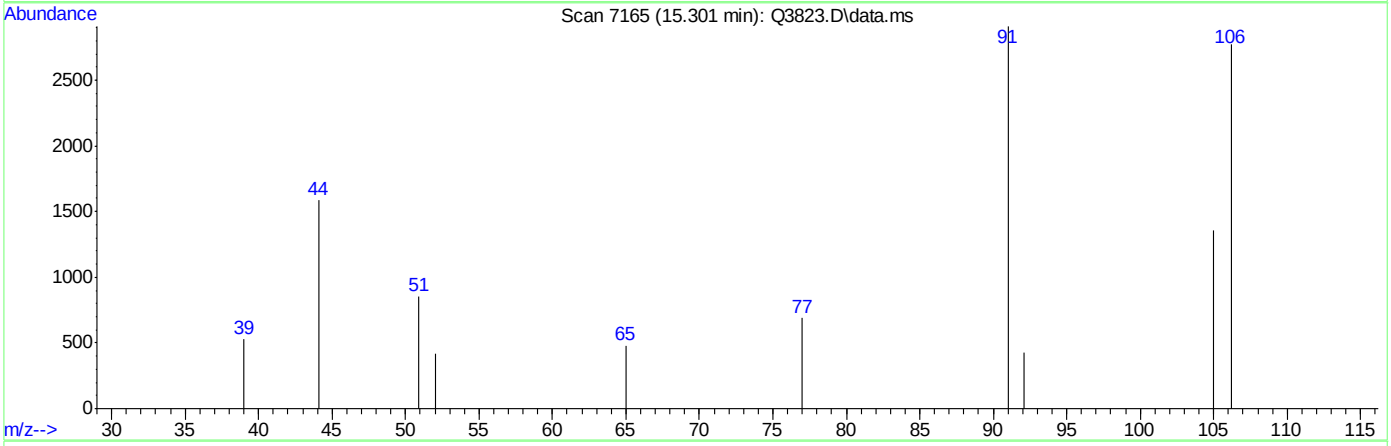
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3823.D
Acq On : 27 Jun 2007 4:40 pm
Operator : PhilipB
Sample : IC205-.2 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 17:14:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 16:20:20 2007
Response via : Initial Calibration





TIC: Q3823.D\data.ms

(56) m,p-XYLENE (m)

15.301min (-0.028) 0.38PPBV m

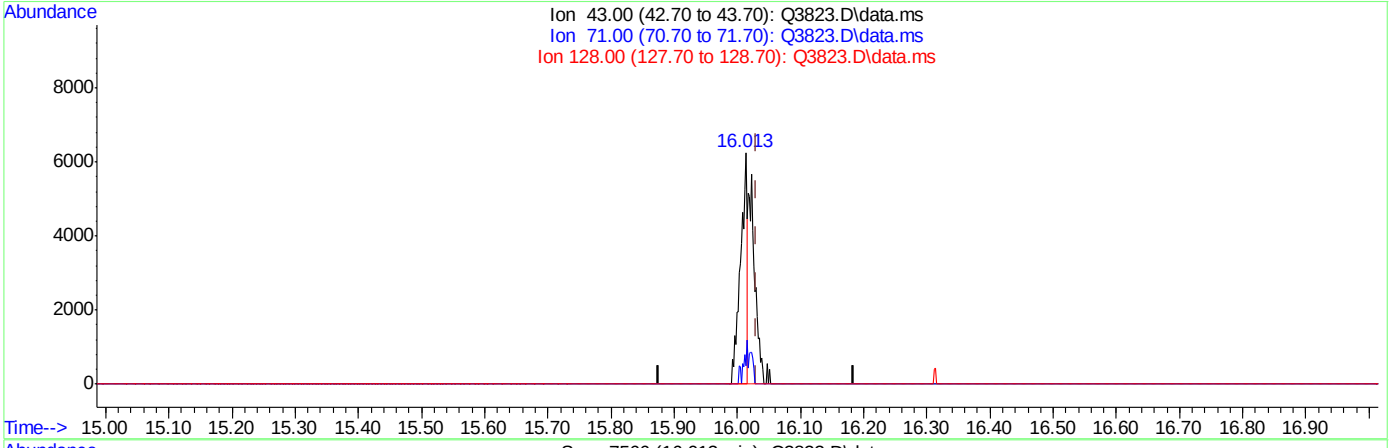
response 6263

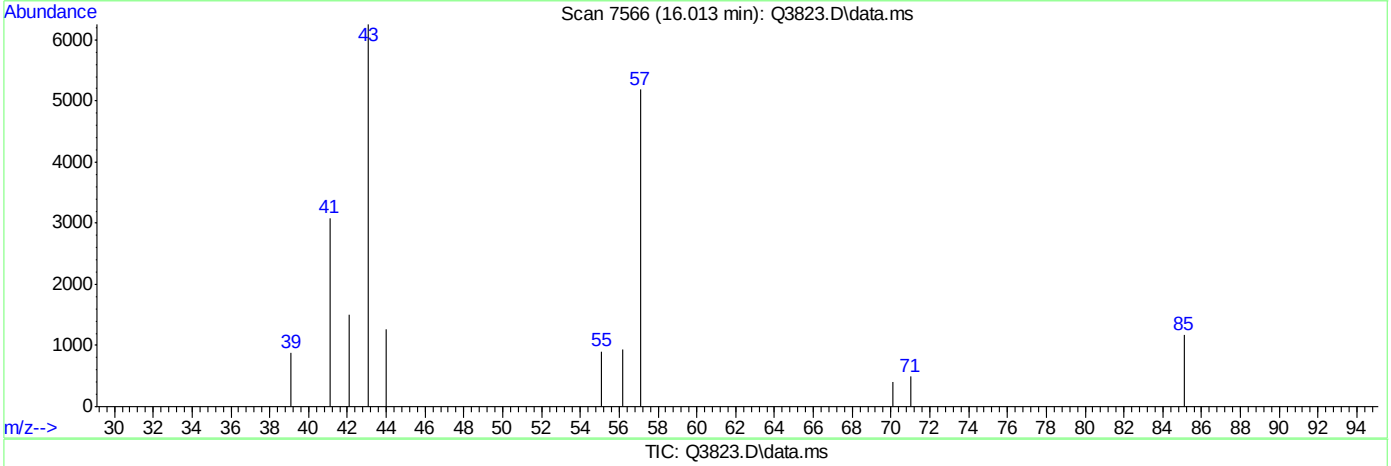
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	104.90#
77.00	27.30	24.81
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3823.D
Acq On : 27 Jun 2007 4:40 pm
Operator : PhilipB
Sample : IC205-.2 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 17:14:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 16:20:20 2007
Response via : Initial Calibration





TIC: Q3823.D\data.ms

(59) NONANE (m)

16.013min (-0.018) 0.10PPBV

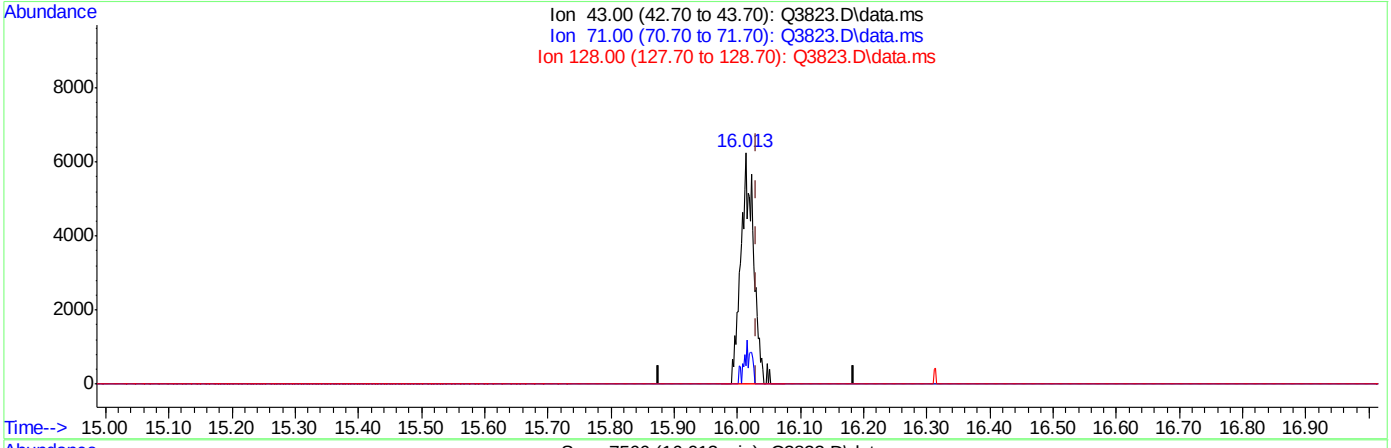
response 4493

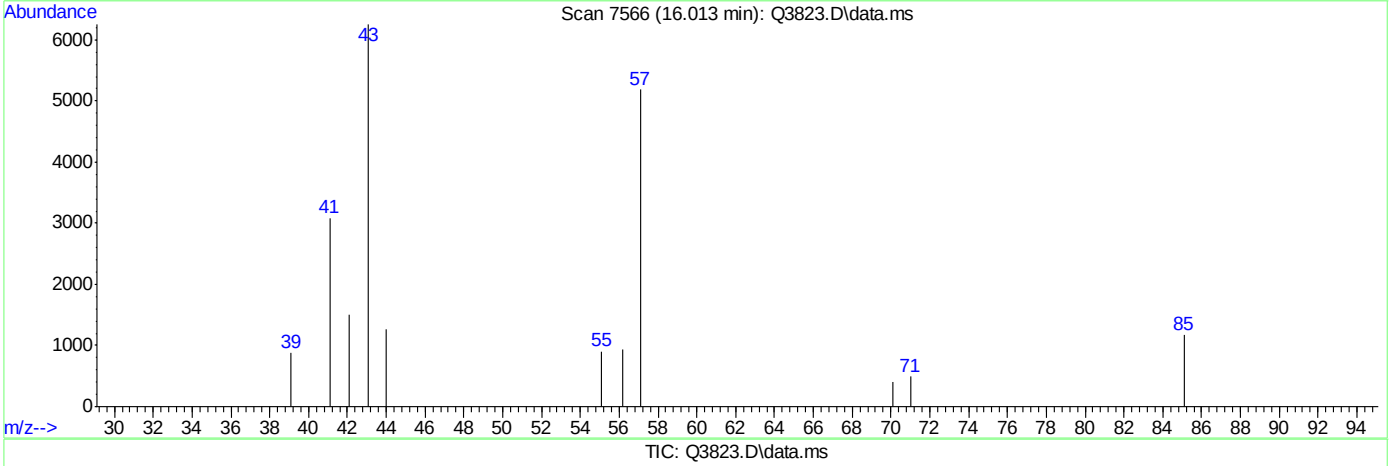
Ion	Exp%	Act%
43.00	100	100
71.00	19.00	20.48
128.00	3.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3823.D
Acq On : 27 Jun 2007 4:40 pm
Operator : PhilipB
Sample : IC205-.2 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 17:14:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 16:20:20 2007
Response via : Initial Calibration





TIC: Q3823.D\data.ms

(59) NONANE (m)

16.013min (-0.018) 0.20PPBV m

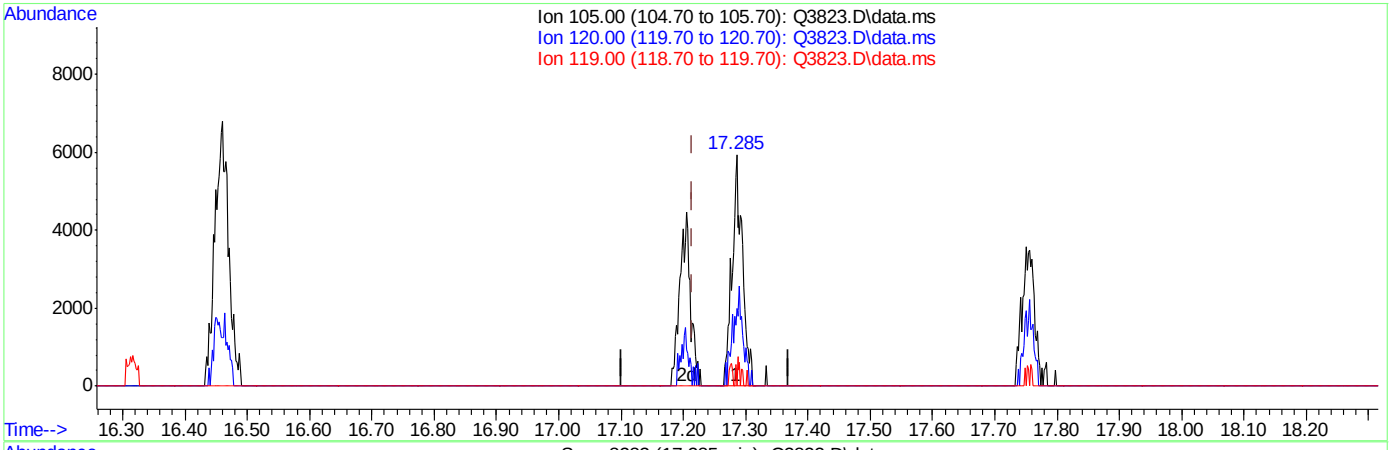
response 8719

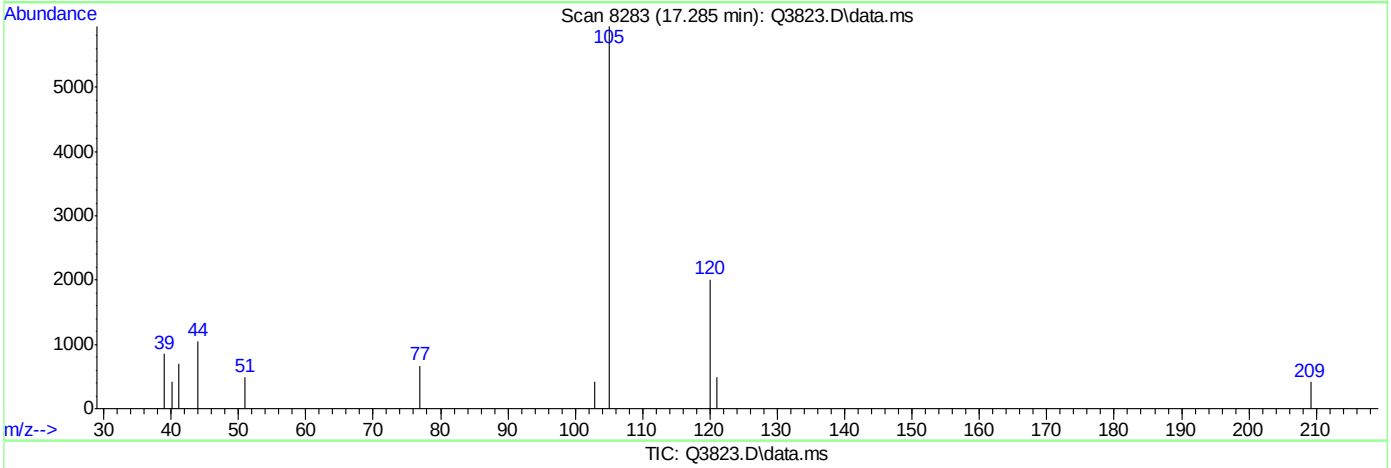
Ion	Exp%	Act%
43.00	100	100
71.00	19.00	10.55
128.00	3.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3823.D
Acq On : 27 Jun 2007 4:40 pm
Operator : PhilipB
Sample : IC205-.2 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 17:14:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 16:20:20 2007
Response via : Initial Calibration





TIC: Q3823.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.285min (+0.071) 0.19PPBV

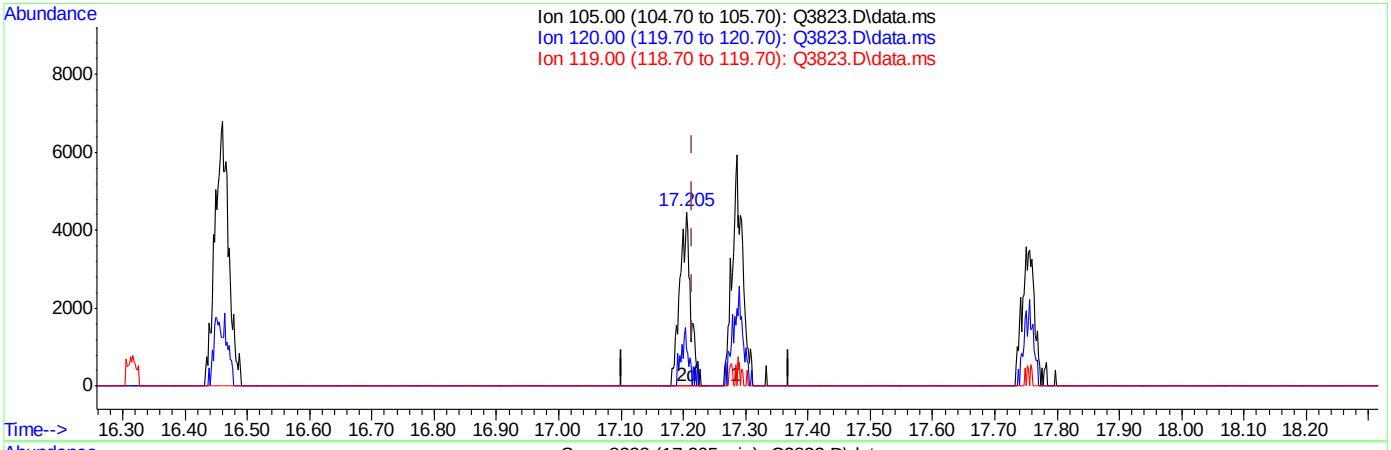
response 7209

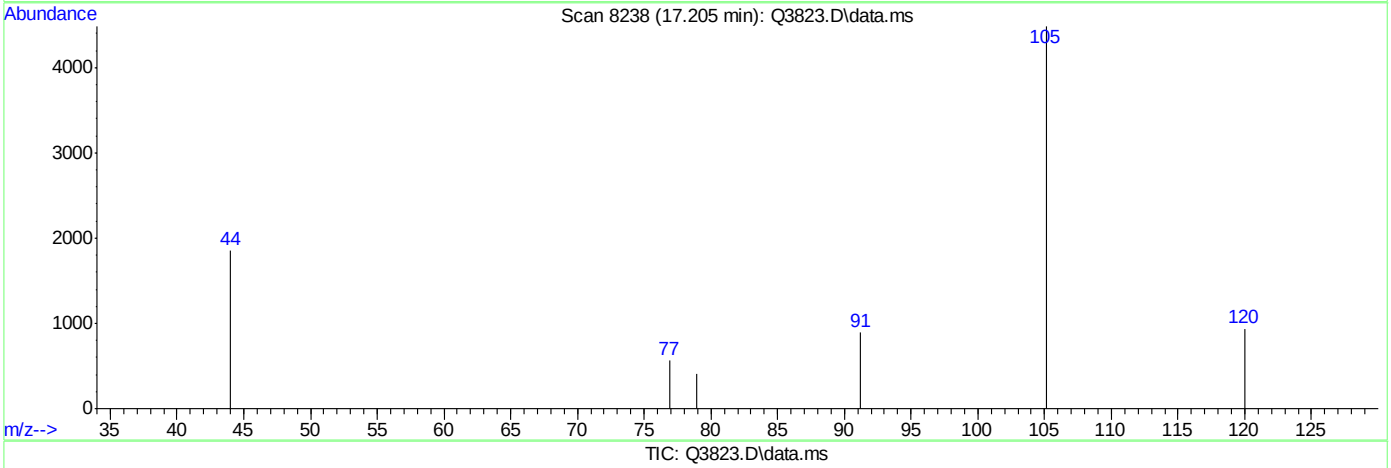
Ion	Exp%	Act%
105.00	100	100
120.00	29.20	41.09
119.00	2.10	4.72
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3823.D
Acq On    : 27 Jun 2007   4:40 pm
Operator  : PhilipB
Sample    : IC205-.2 (M087)
Misc      : MS13820, MSQ205,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Jun 27 17:14:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 16:20:20 2007
Response via : Initial Calibration
```



TIC: Q3823.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.205min (-0.009) 0.14PPBV m

response 5319

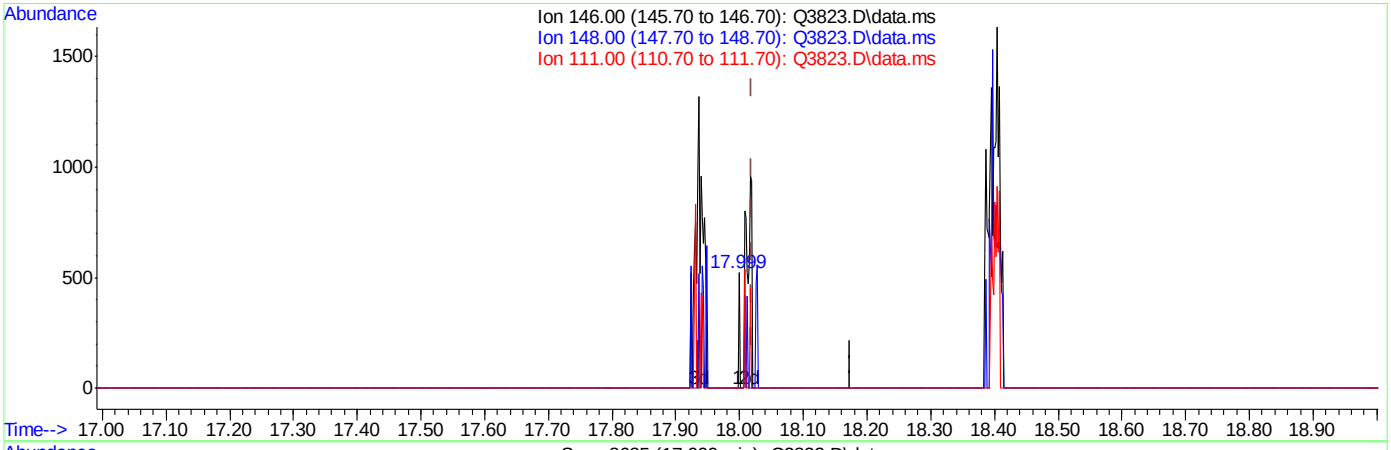
Ion	Exp%	Act%
105.00	100	100
120.00	29.20	55.69#
119.00	2.10	6.39
0.00	0.00	0.00

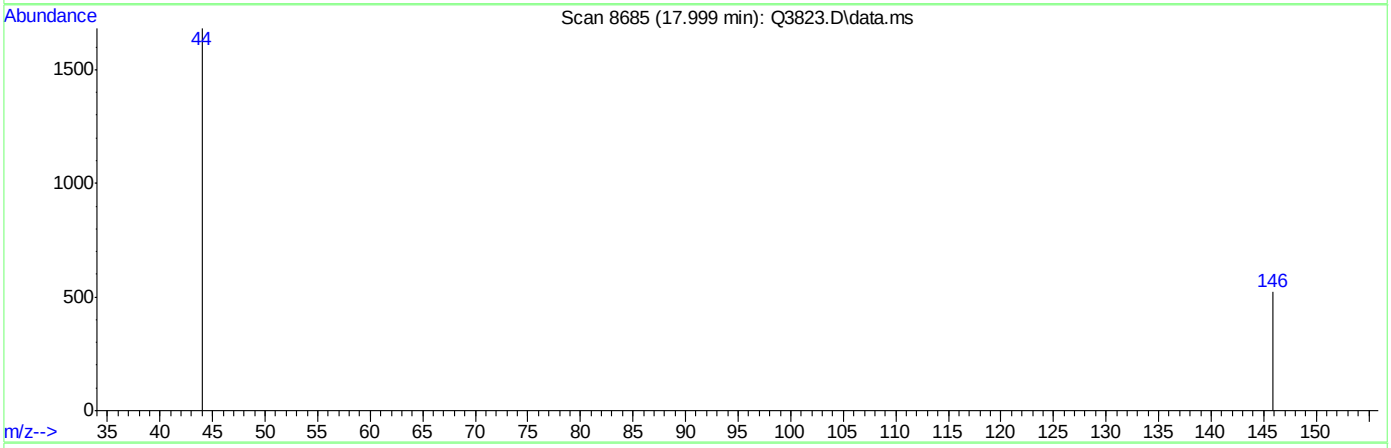
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3823.D
Acq On : 27 Jun 2007 4:40 pm
Operator : PhilipB
Sample : IC205-.2 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 17:14:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 16:20:20 2007
Response via : Initial Calibration





TIC: Q3823.D\data.ms

(70) p-DICHLOROBENZENE (m)

17.999min (-0.021) 0.00PPBV

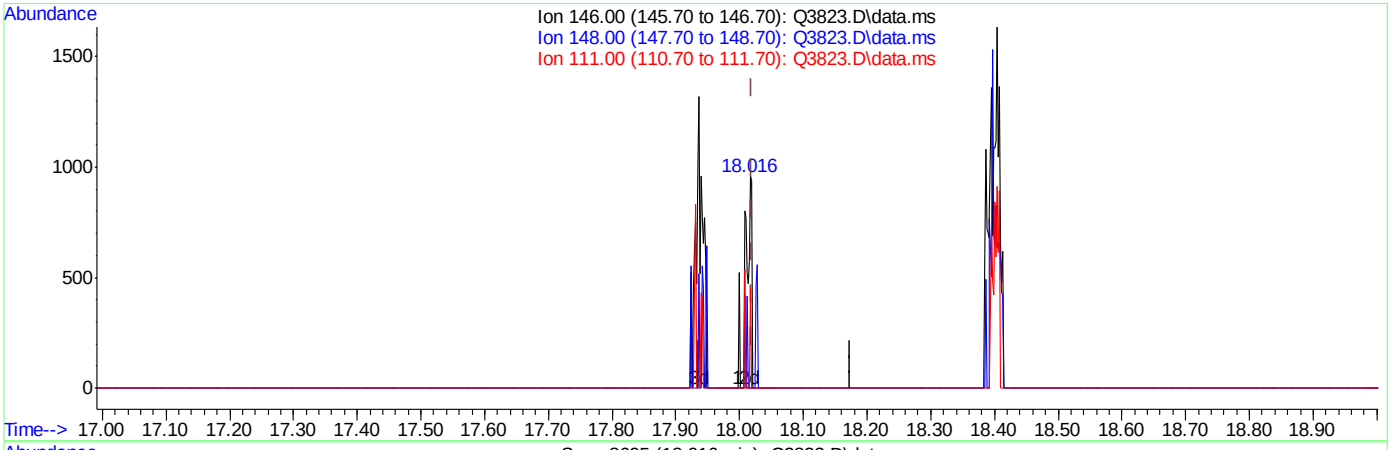
response 56

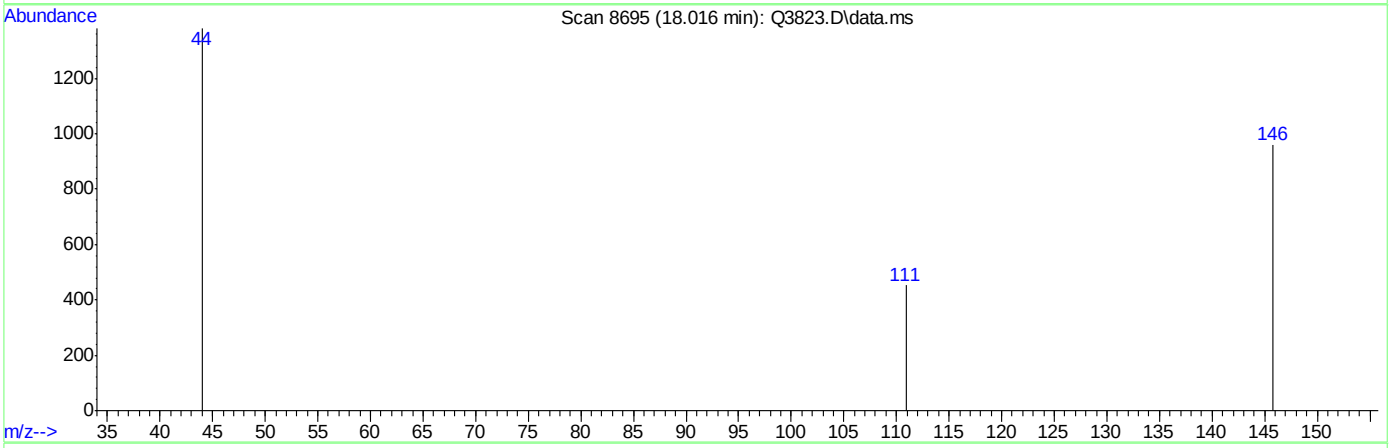
Ion	Exp%	Act%
146.00	100	100
148.00	63.40	0.00#
111.00	41.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3823.D
Acq On : 27 Jun 2007 4:40 pm
Operator : PhilipB
Sample : IC205-.2 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 17:14:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 16:20:20 2007
Response via : Initial Calibration





TIC: Q3823.D\data.ms

(70) p-DICHLOROBENZENE (m)

18.016min (-0.004) 0.05PPBV m

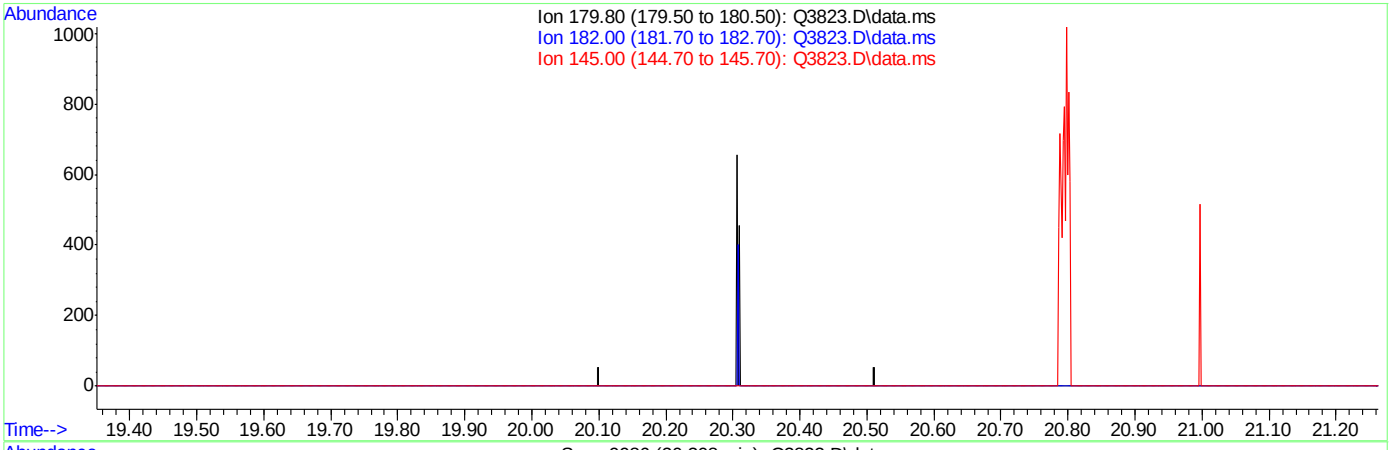
response 592

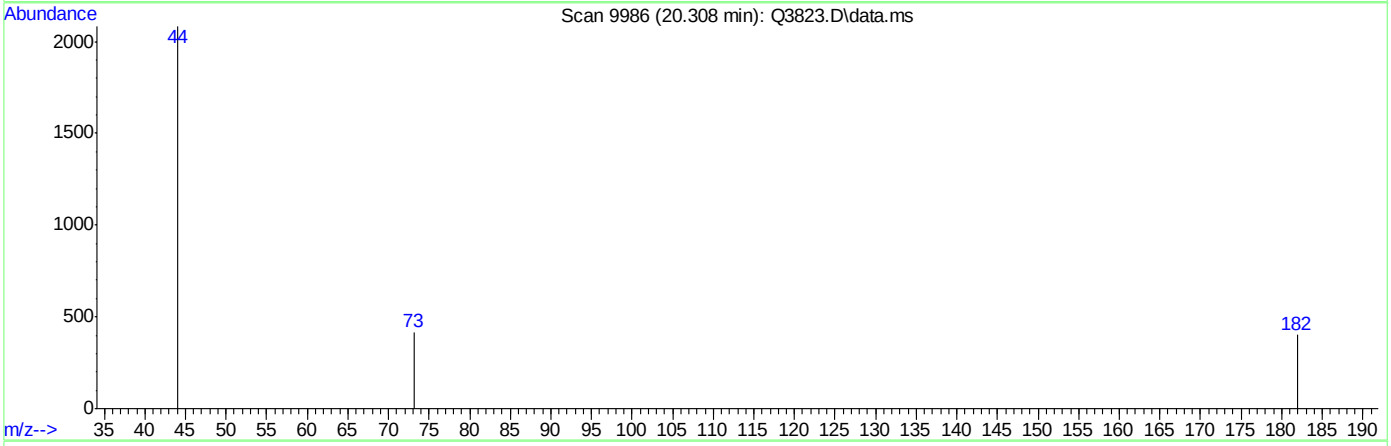
Ion	Exp%	Act%
146.00	100	100
148.00	63.40	0.00#
111.00	41.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3823.D
Acq On : 27 Jun 2007 4:40 pm
Operator : PhilipB
Sample : IC205-.2 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 17:14:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 16:20:20 2007
Response via : Initial Calibration





TIC: Q3823.D\data.ms

(73) 1,2,4-TRICHLOROBENZENE (m)

20.307min (-20.307) 0.00PPBV

response 0

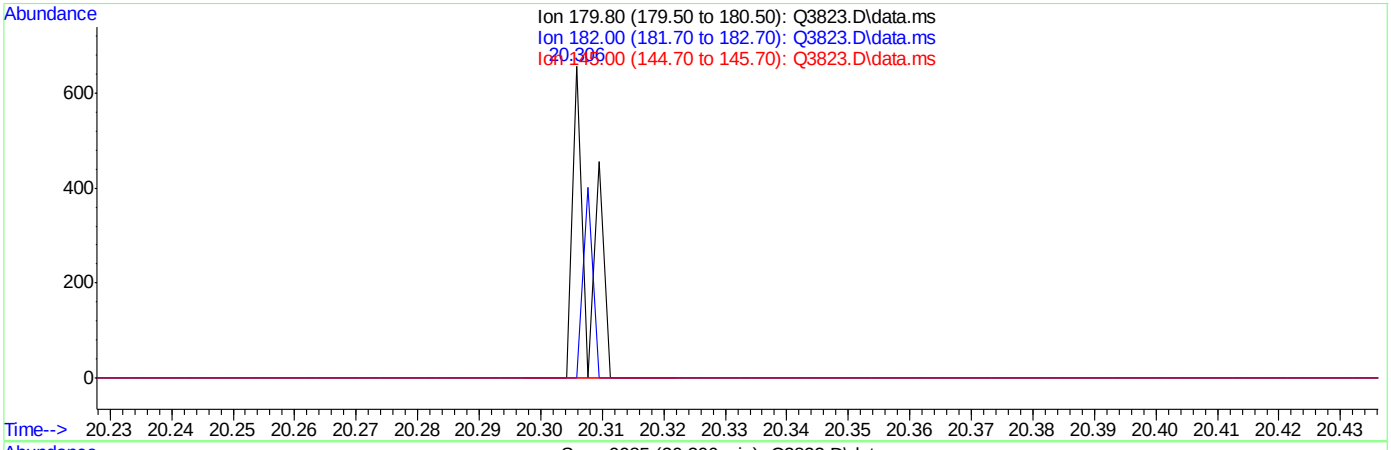
Ion	Exp%	Act%
179.80	100	0.00
182.00	95.40	0.00#
145.00	38.00	0.00#
0.00	0.00	0.00

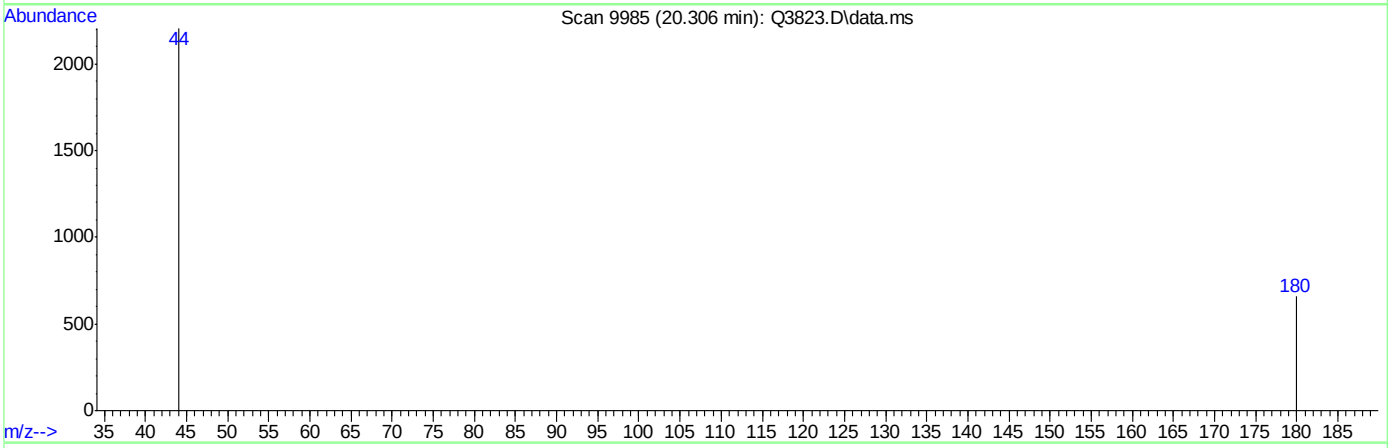
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3823.D
Acq On : 27 Jun 2007 4:40 pm
Operator : PhilipB
Sample : IC205-.2 (M087)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 17:14:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 16:20:20 2007
Response via : Initial Calibration





TIC: Q3823.D\data.ms

(73) 1,2,4-TRICHLOROBENZENE (m)

20.306min (-0.001) 0.06PPBV m

response 118

Ion	Exp%	Act%
179.80	100	100
182.00	95.40	0.00#
145.00	38.00	0.00#
0.00	0.00	0.00

ACCUTEST Laboratories

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
06/28/07 14:05

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3824.D
Acq On : 27 Jun 2007 5:27 pm
Operator : PhilipB
Sample : ICV205-10 (M080)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 28 09:06:50 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 17:20:02 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.561	128	109433	10.00	PPBV	-0.07
35) 1,4-DIFLUOROBENZENE	10.405	114	495719	10.00	PPBV	-0.06
49) CHLOROBENZENE-D5	14.687	117	418673	10.00	PPBV	-0.02

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.315	95	165989	5.12	PPBV	-0.01

Spiked Amount 5.000 Range 57 - 139 Recovery = 102.40%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.021	85	512235	9.54	PPBV		97
3) PROPYLENE	3.952	41	168280	9.37	PPBV		97
4) FREON 114	4.273	85	434367	9.29	PPBV		88
5) CHLOROMETHANE	4.179	50	231304	10.04	PPBV		99
6) VINYL CHLORIDE	4.392	62	186937	9.48	PPBV		97
7) 1,3-BUTADIENE	4.525	39	157079	9.12	PPBV		89
8) BROMOMETHANE	4.791	94	148308	9.76	PPBV		99
9) CHLOROETHANE	4.954	64	75905	9.92	PPBV		95
10) TRICHLOROFLUOROMETHANE	5.725	101	416603	9.53	PPBV		100
11) ISOPROPYL ALCOHOL	5.755	45	291939	8.80	PPBV		99
12) ACETONE	5.536	43	256142	9.13	PPBV		97
13) PENTANE	6.072	42	199138	8.83	PPBV		90
14) 1,1-DICHLOROETHYLENE	6.353	96	122833	9.00	PPBV	#	76
15) CARBON DISULFIDE	6.789	76	364683	9.13	PPBV		88
16) ETHANOL	5.038	45	55018	8.56	PPBV		98
17) BROMOETHENE	5.315	106	130583	9.43	PPBV	#	99
18) METHYLENE CHLORIDE	6.465	84	143828	11.50	PPBV		52
19) 3-CHLOROPROPENE	6.584	39	130243	9.00	PPBV		88
20) FREON 113	6.724	151	173046	8.59	PPBV	#	72
21) TRANS-1,2-DICHLOROETHY...	7.391	96	114271	9.44	PPBV	#	77
22) TERTIARY BUTYL ALCOHOL	6.356	59	318174	8.94	PPBV		87
23) METHYL TERTIARY BUTYL ...	7.636	73	261879	9.05	PPBV		85
24) TETRAHYDROFURAN	9.077	42	159225	9.47	PPBV		97
25) HEXANE	8.600	57	266479	9.38	PPBV		98
26) VINYL ACETATE	7.709	43	306135	9.65	PPBV		91
27) 1,1-DICHLOROETHANE	7.592	63	276198	9.29	PPBV		98
28) METHYL ETHYL KETONE	7.957	43	303343	9.23	PPBV		97
29) cis-1,2-DICHLOROETHYLENE	8.397	96	115990	9.73	PPBV		95
30) ETHYL ACETATE	8.591	43	528465	9.11	PPBV		99
31) CHLOROFORM	8.683	83	292307	9.08	PPBV		97
32) 1,1,1-TRICHLOROETHANE	9.645	97	252121	9.63	PPBV		94
33) CARBON TETRACHLORIDE	10.236	117	290573	9.96	PPBV		98
34) 1,2-DICHLOROETHANE	9.400	62	175673	9.58	PPBV		99
36) BENZENE	10.092	78	314452	9.91	PPBV		98
37) CYCLOHEXANE	10.357	84	148240	10.05	PPBV		97
38) TRICHLOROETHYLENE	11.093	95	158760	10.12	PPBV		92
39) 1,2-DICHLOROPROPANE	10.873	63	146619	9.82	PPBV		92
40) BROMODICHLOROMETHANE	11.054	83	257229	10.16	PPBV		100
41) 2,2,4-TRIMETHYLPENTANE	11.122	57	789050	9.88	PPBV		95
42) 1,4-DIOXANE	11.088	88	58143	10.81	PPBV	#	76
43) HEPTANE	11.360	43	308327	10.05	PPBV		90

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3824.D
Acq On : 27 Jun 2007 5:27 pm
Operator : PhilipB
Sample : ICV205-10 (M080)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 28 09:06:50 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 17:20:02 2007
Response via : Initial Calibration

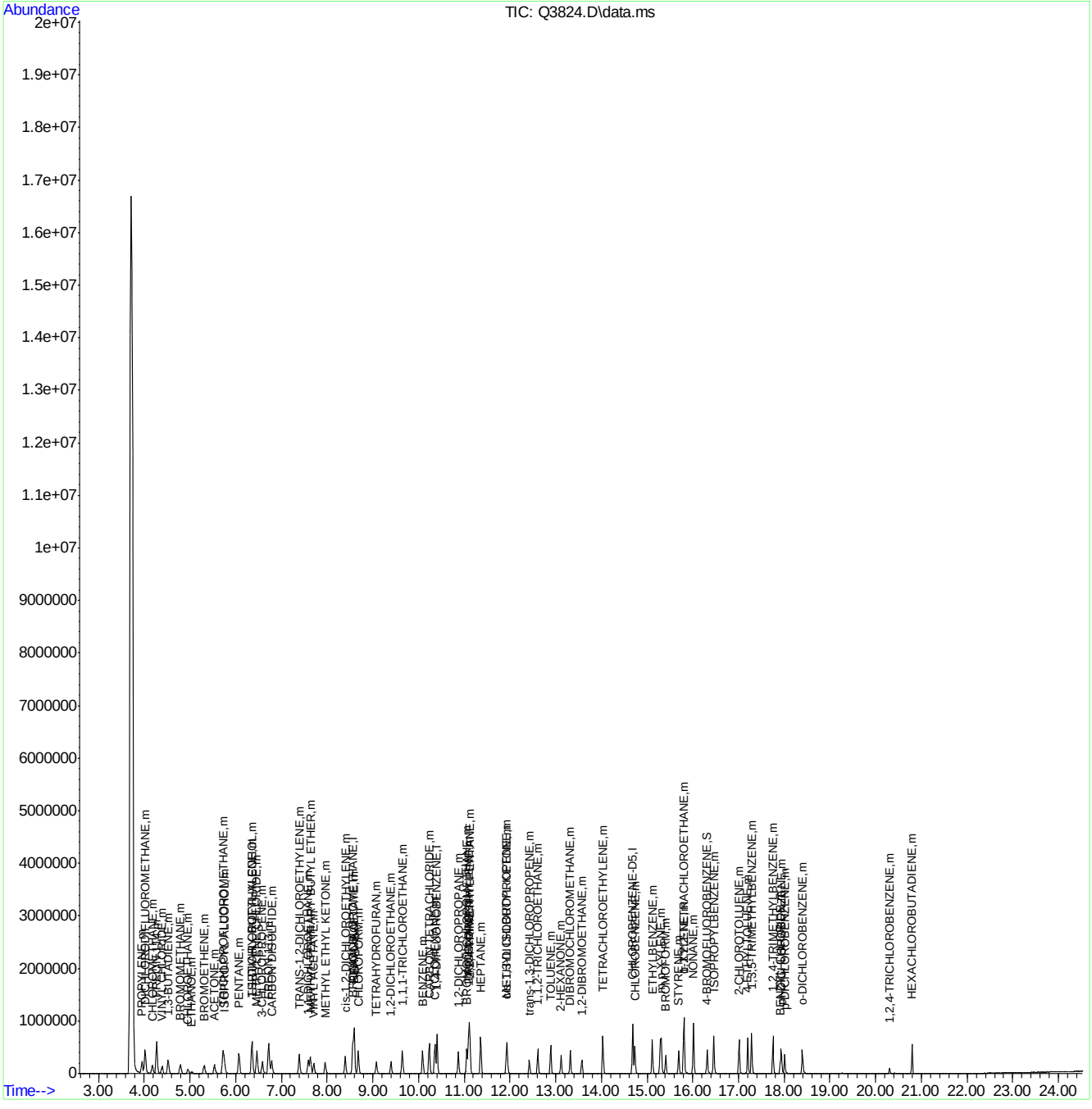
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.938	43	360011	10.39	PPBV	91
45) cis-1,3-DICHLOROPROPENE	11.920	75	151468	10.83	PPBV	93
46) TOLUENE	12.891	92	193342	9.70	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.426	75	110317	10.61	PPBV	95
48) 1,1,2-TRICHLOROETHANE	12.613	83	117439	10.17	PPBV	95
50) 2-HEXANONE	13.117	43	260009	10.68	PPBV	93
51) TETRACHLOROETHYLENE	14.032	164	105772	9.65	PPBV	90
52) DIBROMOCHLOROMETHANE	13.321	129	198885	10.19	PPBV	98
53) 1,2-DIBROMOETHANE	13.573	107	168119	10.94	PPBV	98
54) CHLOROBENZENE	14.732	112	229677	10.53	PPBV	96
55) ETHYLBENZENE	15.113	91	414324	10.67	PPBV	99
56) m,p-XYLENE	15.308	106	306027m	21.00	PPBV	
57) o-XYLENE	15.811	106	156347	10.42	PPBV	96
58) STYRENE	15.694	104	178437	9.62	PPBV	99
59) NONANE	16.015	43	411402	10.53	PPBV	91
60) BROMOFORM	15.408	173	127738	9.92	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.800	83	298625	9.90	PPBV	98
63) ISOPROPYLBENZENE	16.462	105	430034	10.10	PPBV #	100
64) 2-CHLOROTOLUENE	17.012	91	324182	10.89	PPBV	96
65) 4-ETHYLTOLUENE	17.202	105	368052	11.24	PPBV	100
66) 1,3,5-TRIMETHYLBENZENE	17.285	105	345357	10.23	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.754	105	321768	11.09	PPBV	99
68) m-DICHLOROBENZENE	17.935	146	132359	11.51	PPBV	97
69) BENZYL CHLORIDE	17.912	91	122333	10.21	PPBV	97
70) p-DICHLOROBENZENE	18.010	146	112789	11.25	PPBV	98
71) o-DICHLOROBENZENE	18.402	146	142015	11.49	PPBV	97
72) HEXACHLOROBUTADIENE	20.798	225	47473	9.46	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.310	180	19939	10.16	PPBV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3824.D
Acq On : 27 Jun 2007 5:27 pm
Operator : PhilipB
Sample : ICV205-10 (M080)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

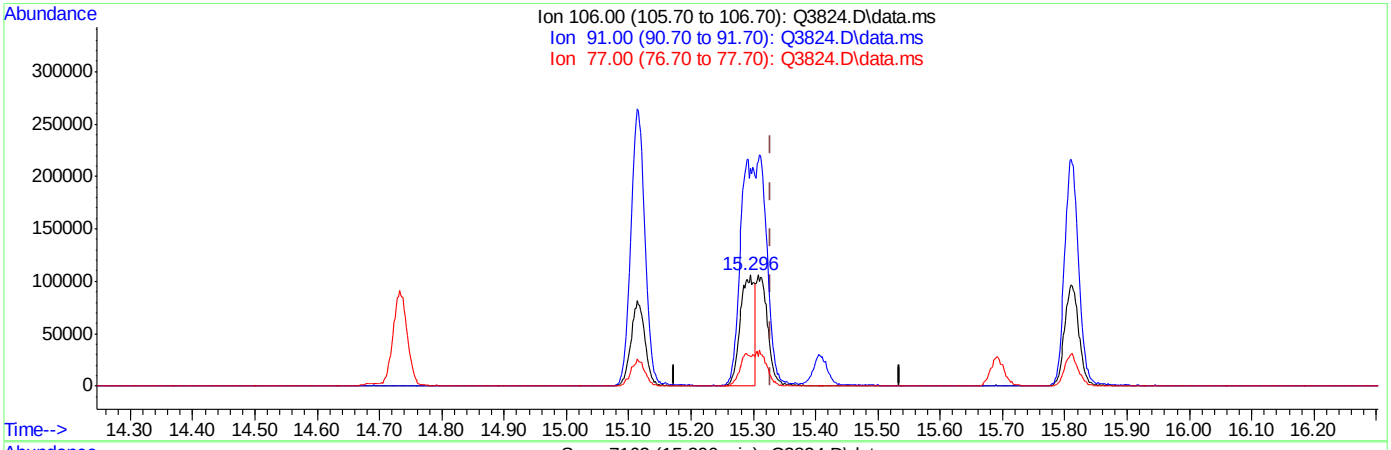
Quant Time: Jun 28 09:06:50 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 17:20:02 2007
Response via : Initial Calibration

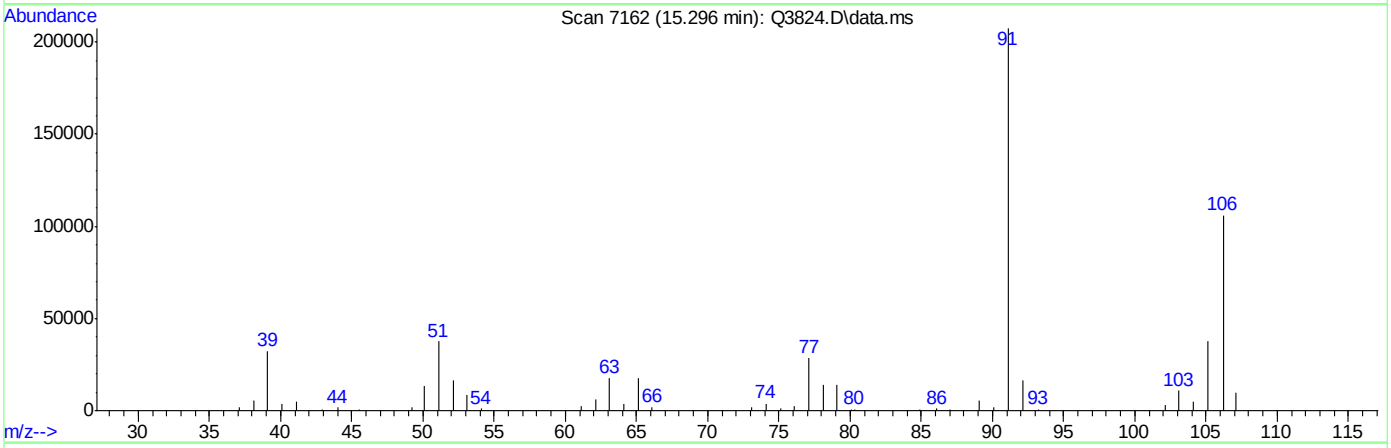


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3824.D
Acq On : 27 Jun 2007 5:27 pm
Operator : PhilipB
Sample : ICV205-10 (M080)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 28 08:57:20 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 17:20:02 2007
Response via : Initial Calibration





TIC: Q3824.D\data.ms

(56) m,p-XYLENE (m)

15.296min (-0.033) 11.72PPBV

response 170694

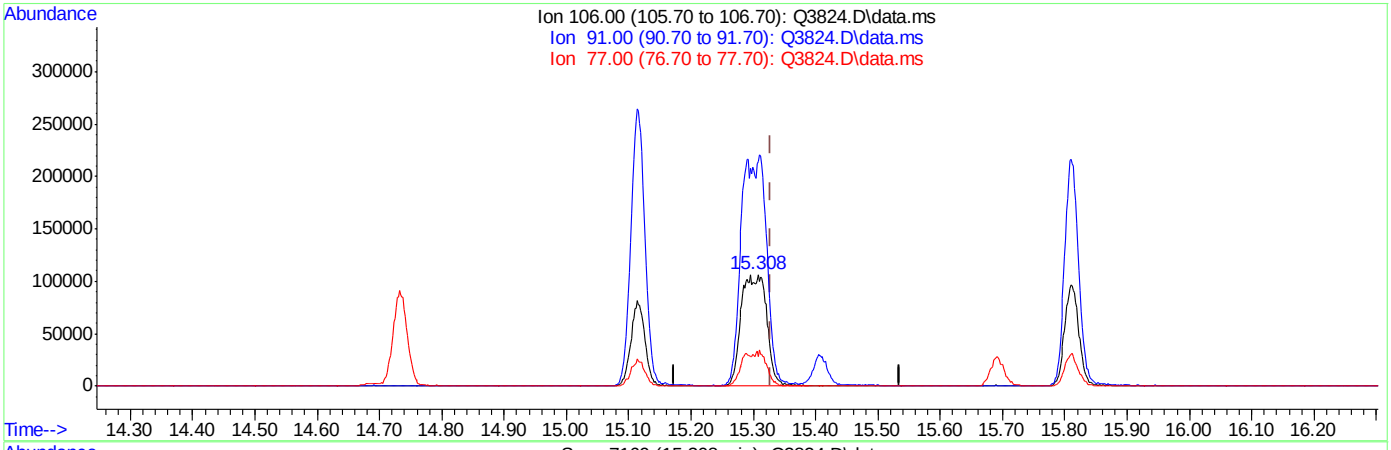
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	195.46
77.00	27.30	26.69
0.00	0.00	0.00

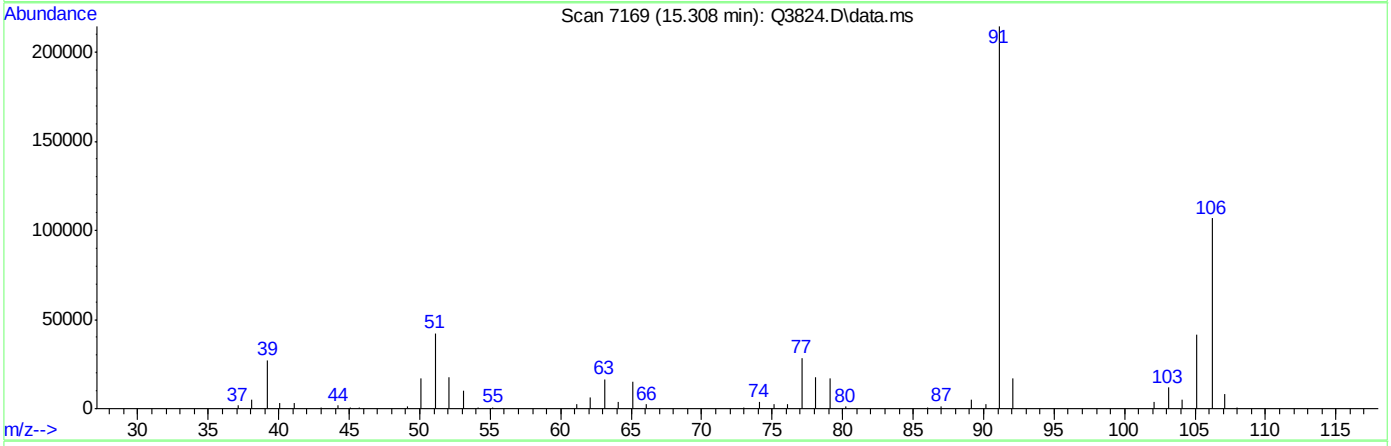
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3824.D
Acq On : 27 Jun 2007 5:27 pm
Operator : PhilipB
Sample : ICV205-10 (M080)
Misc : MS13820, MSQ205,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 28 08:57:20 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 27 17:20:02 2007
Response via : Initial Calibration





TIC: Q3824.D\data.ms

(56) m,p-XYLENE (m)

15.308min (-0.021) 21.00PPBV m

response 306027

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	200.93
77.00	27.30	26.67
0.00	0.00	0.00

ACCUTEST Laboratories M65803

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
07/03/07 13:23

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3837.D
Acq On : 28 Jun 2007 12:44 pm
Operator : PhilipB
Sample : CC204-10 (M080)
Misc : MS13820, MSQ206,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 28 13:50:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 28 13:49:55 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	118185	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.463	114	588820	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.708	117	500723	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.327	95	216261	5.58	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 111.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.037	85	567020	9.78	PPBV	97
3) PROPYLENE	3.964	41	194895	10.04	PPBV	95
4) FREON 114	4.298	85	543696	10.77	PPBV	86
5) CHLOROMETHANE	4.196	50	256886	10.32	PPBV	98
6) VINYL CHLORIDE	4.424	62	221629	10.41	PPBV	97
7) 1,3-BUTADIENE	4.560	39	193254	10.39	PPBV	86
8) BROMOMETHANE	4.834	94	177598	10.82	PPBV	99
9) CHLOROETHANE	5.009	64	89744	10.86	PPBV	91
10) TRICHLOROFLUOROMETHANE	5.790	101	493894	10.46	PPBV	99
11) ISOPROPYL ALCOHOL	5.826	45	325950	9.10	PPBV	100
12) ACETONE	5.598	43	307302	10.14	PPBV	94
13) PENTANE	6.143	42	231237	9.49	PPBV	91
14) 1,1-DICHLOROETHYLENE	6.429	96	146419	9.93	PPBV #	76
15) CARBON DISULFIDE	6.859	76	409605	9.49	PPBV	83
16) ETHANOL	5.098	45	65326	9.41	PPBV	84
17) BROMOETHENE	5.364	106	149518	10.00	PPBV #	97
18) METHYLENE CHLORIDE	6.537	84	216810	16.26	PPBV	49
19) 3-CHLOROPROPENE	6.658	39	165608	10.59	PPBV	90
20) FREON 113	6.796	151	200045	9.20	PPBV #	70
21) TRANS-1,2-DICHLOROETHY...	7.471	96	120360	9.21	PPBV #	70
22) TERTIARY BUTYL ALCOHOL	6.431	59	361377	9.40	PPBV	87
23) METHYL TERTIARY BUTYL ...	7.712	73	282413	9.04	PPBV	81
24) TETRAHYDROFURAN	9.144	42	174198	9.60	PPBV	95
25) HEXANE	8.669	57	307534	10.02	PPBV	93
26) VINYL ACETATE	7.789	43	360335	10.52	PPBV	92
27) 1,1-DICHLOROETHANE	7.666	63	326522	10.17	PPBV	97
28) METHYL ETHYL KETONE	8.035	43	345214	9.72	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.470	96	122109	9.49	PPBV	96
30) ETHYL ACETATE	8.667	43	613450	9.79	PPBV	99
31) CHLOROFORM	8.756	83	332223	9.55	PPBV	95
32) 1,1,1-TRICHLOROETHANE	9.711	97	284041	10.04	PPBV	92
33) CARBON TETRACHLORIDE	10.293	117	304545	9.66	PPBV	98
34) 1,2-DICHLOROETHANE	9.464	62	208804	10.54	PPBV	100
36) BENZENE	10.149	78	328555	8.72	PPBV	99
37) CYCLOHEXANE	10.413	84	146299	8.35	PPBV	90
38) TRICHLOROETHYLENE	11.148	95	167335	8.98	PPBV	89
39) 1,2-DICHLOROPROPANE	10.926	63	158500	8.94	PPBV	93
40) BROMODICHLOROMETHANE	11.107	83	285441	9.49	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.169	57	866836	9.14	PPBV #	94
42) 1,4-DIOXANE	11.139	88	59020	9.24	PPBV #	60
43) HEPTANE	11.409	43	343007	9.41	PPBV	88

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3837.D
Acq On : 28 Jun 2007 12:44 pm
Operator : PhilipB
Sample : CC204-10 (M080)
Misc : MS13820, MSQ206,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 28 13:50:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 28 13:49:55 2007
Response via : Initial Calibration

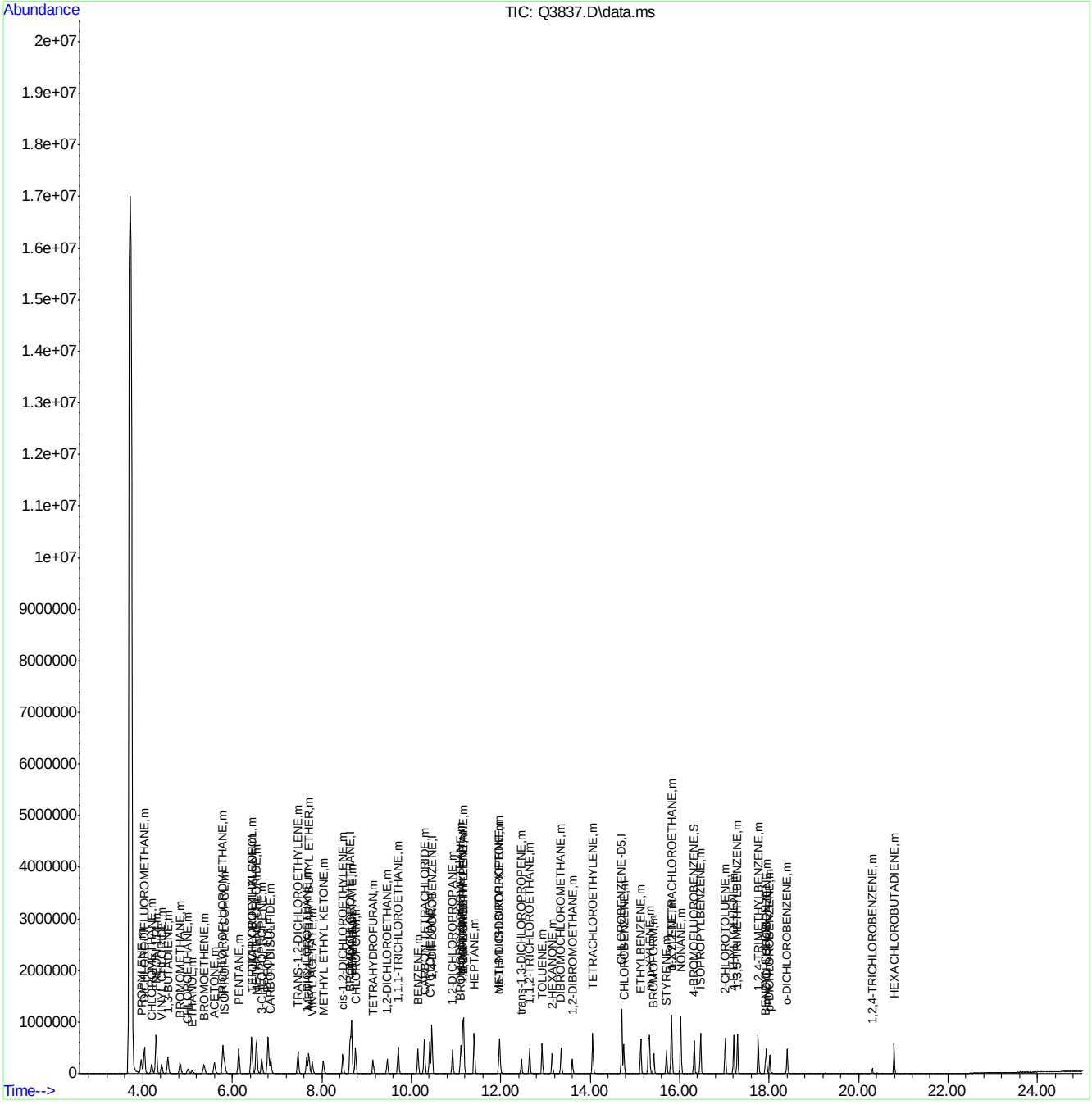
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.981	43	409454	9.95	PPBV		89
45) cis-1,3-DICHLOROPROPENE	11.965	75	156811	9.44	PPBV		84
46) TOLUENE	12.926	92	190733	8.06	PPBV		97
47) trans-1,3-DICHLOROPROPENE	12.461	75	117546	9.51	PPBV		91
48) 1,1,2-TRICHLOROETHANE	12.648	83	122121	8.91	PPBV		91
50) 2-HEXANONE	13.150	43	292913	10.06	PPBV		90
51) TETRACHLOROETHYLENE	14.057	164	103536	7.90	PPBV		87
52) DIBROMOCHLOROMETHANE	13.354	129	206286	8.83	PPBV		99
53) 1,2-DIBROMOETHANE	13.601	107	164321	8.94	PPBV		99
54) CHLOROBENZENE	14.751	112	223593	8.57	PPBV		92
55) ETHYLBENZENE	15.131	91	420250	9.05	PPBV		97
56) m,p-XYLENE	15.330	106	314192m	18.03	PPBV		
57) o-XYLENE	15.826	106	162873	9.07	PPBV		95
58) STYRENE	15.706	104	169370	7.80	PPBV		98
59) NONANE	16.027	43	450971	9.65	PPBV		90
60) BROMOFORM	15.424	173	135628	8.81	PPBV		99
62) 1,1,2,2-TETRACHLOROETHANE	15.814	83	309155	8.57	PPBV		98
63) ISOPROPYLBENZENE	16.469	105	444130	8.72	PPBV	#	100
64) 2-CHLOROTOLUENE	17.021	91	329305	9.25	PPBV		94
65) 4-ETHYLTOLUENE	17.209	105	374763	9.57	PPBV		99
66) 1,3,5-TRIMETHYLBENZENE	17.294	105	354688	8.78	PPBV		97
67) 1,2,4-TRIMETHYLBENZENE	17.757	105	334768	9.65	PPBV		97
68) m-DICHLOROBENZENE	17.940	146	125912	9.39	PPBV		95
69) BENZYL CHLORIDE	17.917	91	120951	8.63	PPBV		94
70) p-DICHLOROBENZENE	18.017	146	104710	8.92	PPBV		99
71) o-DICHLOROBENZENE	18.403	146	134653	9.31	PPBV		95
72) HEXACHLOROBUTADIENE	20.798	225	41602	7.01	PPBV		99
73) 1,2,4-TRICHLOROBENZENE	20.308	180	15623	7.69	PPBV		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3837.D
Acq On : 28 Jun 2007 12:44 pm
Operator : PhilipB
Sample : CC204-10 (M080)
Misc : MS13820, MSQ206,,,,,1
ALS Vial : 2 Sample Multiplier: 1

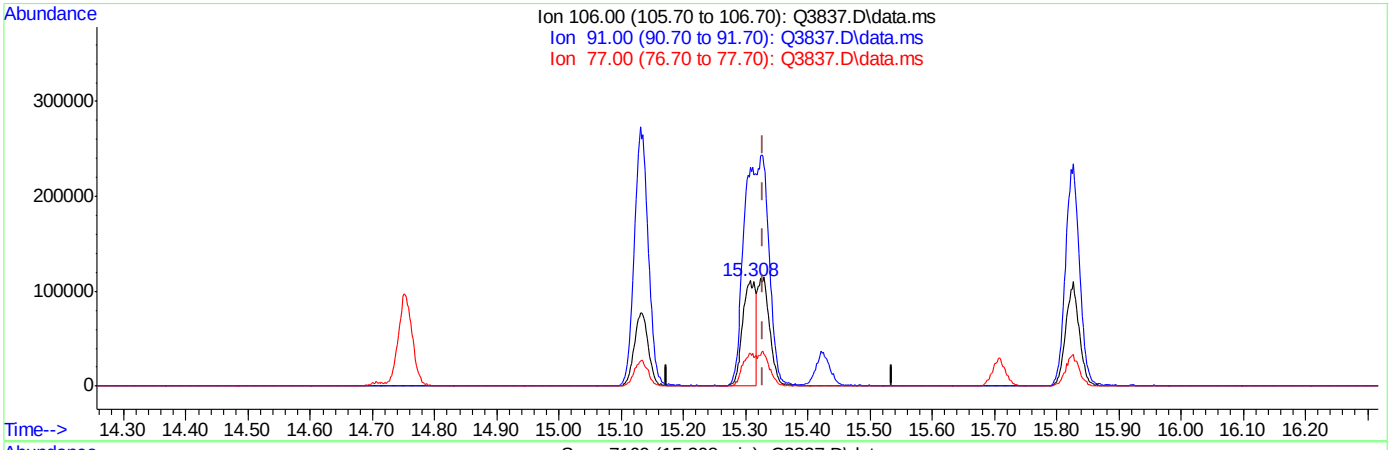
Quant Time: Jun 28 13:50:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 28 13:49:55 2007
Response via : Initial Calibration

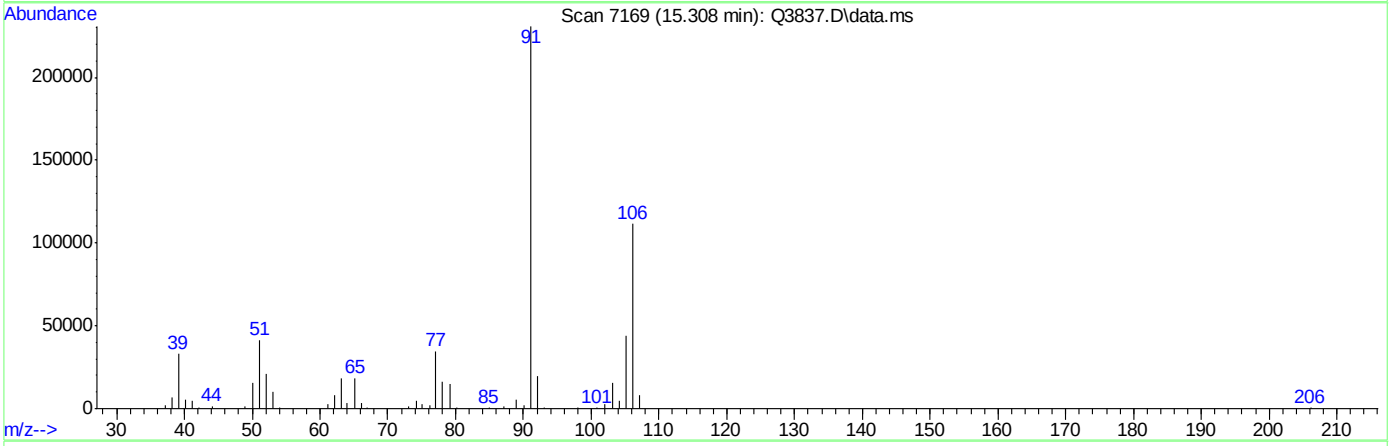


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3837.D
Acq On : 28 Jun 2007 12:44 pm
Operator : PhilipB
Sample : CC204-10 (M080)
Misc : MS13820, MSQ206,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 28 13:49:59 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 28 13:49:55 2007
Response via : Initial Calibration





TIC: Q3837.D\data.ms

(56) m,p-XYLENE (m)

15.308min (-0.021) 9.25PPBV

response 161149

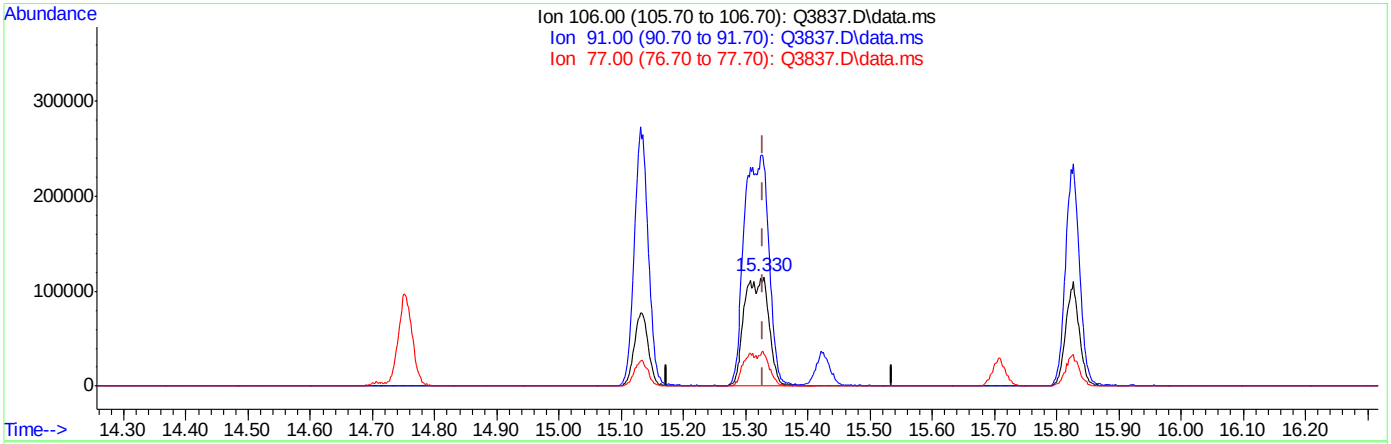
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	207.20
77.00	27.30	31.03
0.00	0.00	0.00

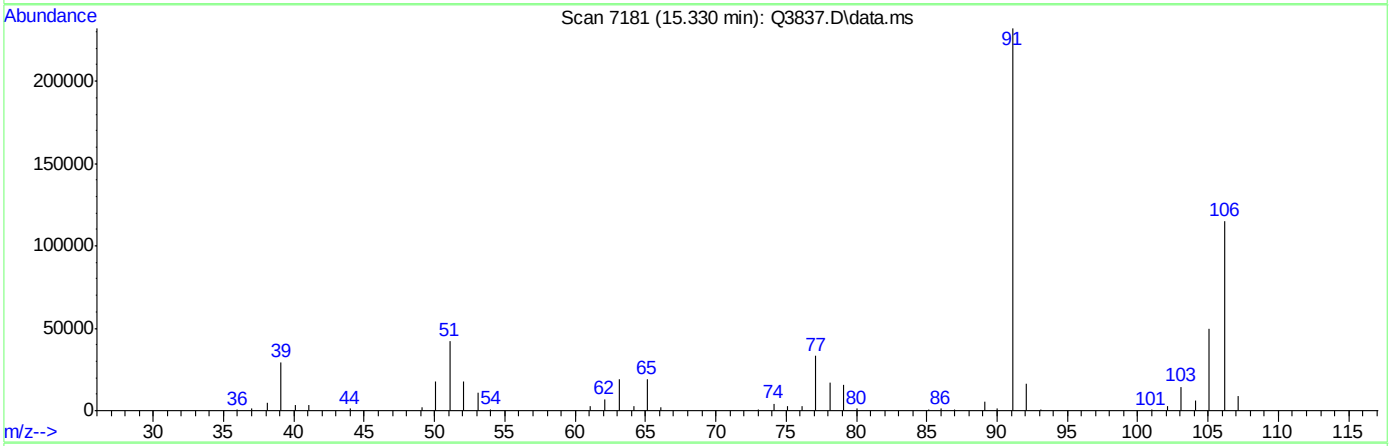
ACCUTEST Laboratories M65803

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3837.D
Acq On : 28 Jun 2007 12:44 pm
Operator : PhilipB
Sample : CC204-10 (M080)
Misc : MS13820, MSQ206,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 28 13:49:59 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 28 13:49:55 2007
Response via : Initial Calibration





TIC: Q3837.D\data.ms

(56) m,p-XYLENE (m)

15.330min (+0.001) 18.03PPBV m

response 314192

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	201.44
77.00	27.30	28.76
0.00	0.00	0.00

Standard Lot #	
Calib STD 1	MSA349
Calib STD 2	MSA350
ICV	MSA353
Inter/Surr STD	MSA218
BS/BSD	MSA353

File ID	
Tune File 1	J10580
Tune File 2	J10587A
Initial Cal.	6/7/07
ID FILE	J060707T.M
Instrument ID	J
ICAL:	J10587
Column Type:	RTX-1
Sequence Verified By:	DT 6/8/07

Date:	6/7/2007
Analyst:	DANAT
Batch ID:	msj548
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	6/18/2007 4:20:00 PM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
J10580	IC548-0.5	m122	MSA350	VTO15STD	1		1		
J10581	IC548-0.2	m122	MSA350	VTO15STD	1		1		
J10582	IC548-2	m122	MSA350	VTO15STD	1		1		
J10583	IC548-5	m109	MSA349	VTO15STD	2		1		
J10584	ICC548-10	m109	MSA349	VTO15STD	2		1		
J10585	IC548-20	m109	MSA349	VTO15STD	2		1		
J10586	IC548-40	m109	MSA349	VTO15STD	2		1		
J10587	ICV548-10	m179	MSA353	VTO15STD	3		1		
J10587a	CC548-100	m179	MSA353	VTO15STD	3		1		
J10587b	BS	m179	MSA353	VTO15STD	3		1		
J10588	BLANK	m151		VTO15STD	4		1		
J10589	MB	m151		VTO15STD	4		1		
J10590	M65248-1	m027	MS13707	VTO15STD	5		1		
J10591	M65248-1DUP	m027	MS13707	VTO15STD	5		1		
J10592	M65284-1	m044	MS13707	VTO15STD	6		1		
J10593	M65285-1	m061	MS13707	VTO15STD	7		1		
J10594	M65325-1	m100	MS13707	VTO15STD	8		1000		Re-run @ 20x , too dilute.
J10595	M65235-2	m064	MS13754	VTO15STD	9		1000		Re-run @ 10x , too dilute.
J10596	SCC	m018		VTO15STD	10		1		
J10597	SCC	m125		VTO15STD	11		1		
J10598	SCC	m139		VTO15STD	12		1		
J10599	SCC	m165		VTO15STD	13		1		
J10600	SCC	m148		VTO15STD	14		1		
J10601	M65235-3	M191	MS13715	VTO15STD	5		1000		Re-run @ 10,000x , over calibration.
J10602	M65235-4	M195	MS13715	VTO15STD	6		1000		Re-run @ 10,000x , over calibration.
J10603	M65235-5	m203	MS13715	VTO15STD	7		1000		Re-run @ 10x , too dilute.
J10604	M65235-6	m204	MS13715	VTO15STD	8		1000		Re-run @ 10x , too dilute.
J10605	M65235-7	m206	MS13715	VTO15STD	9		1000		Re-run @ 10x , too dilute.
J10606	M65235-1	m100	MS13699	VTO15STD	3		20		

Standard Lot #	
Calib STD 1	MSA362
Calib STD 2	MSA363,MSA357
ICV	MSA361,MSA366
Inter/Surr STD	MSA218
BS/BSD	MSA366

File ID	
Tune File 1	J10755
Tune File 2	J10768A
Initial Cal.	6/25/07
ID FILE	J062507T.M
Instrument ID	J
ICAL:	J10768
Column Type:	RTX-1
Sequence Verified By:	DT 6/26/07

Date:	6/25/2007
Analyst:	DANAT
Batch ID:	msj557
Matrix:	AIR
Approved By:	PHILIPB
Date Approved:	6/27/2007 2:47:28 PM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
J10755	CC552-10	m045	MSA361	VTO15STD	1		1	NA	
J10756	CC552-10	m045	MSA361	VTO15STD	1		1	NA	
J10757	IC557-0.5	m141	MSA363	VTO15STD	2		1	NA	
J10758	IC557-0.2	m141	MSA363	VTO15STD	2		1	NA	
J10759	IC557-2	m141	MSA363	VTO15STD	2		1	NA	Re-run , vinyl acetate missing
J10760	IC557-40	m172	MSA362	VTO15STD	3		1	NA	
J10761	IC557-20	m172	MSA362	VTO15STD	3		1	NA	
J10762	ICC557-10	m172	MSA362	VTO15STD	3		1	NA	
J10763	IC557-5	m172	MSA362	VTO15STD	3		1	NA	
J10764	IC557-2	m141	MSA363	VTO15STD	2		1	NA	Re-run using different standard, vinyl acetate missing.
J10765	IC557-2	m140	MSA357	VTO15STD	2		1	NA	ok
J10766	ICV557-10	m045	MSA361	VTO15STD	1		1	NA	Fails, re-run using different standard. STD Ddegraded
J10767	ICV557-10	m080	MSA366	VTO15STD	1		1	NA	Fails high , re-run
J10768	ICV557-10	m080	MSA366	VTO15STD	1		1	NA	ok
J10768a	CC557-10	m080	MSA366	VTO15STD	1		1	NA	
J10768b	BS	m080	MSA366	VTO15STD	1		1	NA	
J10769	MB	m050	NA	VTO15STD	5		1	NA	
J10770	SCC	m078	NA	VTO15STD	7		1	NA	
J10771	SCC	m094	NA	VTO15STD	9		1	NA	
J10772	SCC	m040	NA	VTO15STD	11		1	NA	
J10773	M65503-1	m132	MS13762	VTO15STD	2		1200	MC119	Re-run @ 6,000x , over calibration.
J10774	M65503-2	m160	MS13762	VTO15STD	3		1200	MC102	Re-run @ 20x , too dilute.
J10775	M65503-1	m132	MS13762	VTO15STD	2		6000	MC119	
J10776	M65503-2	m092	MS13762	VTO15STD	3		20	MC102	
J10777	M65503-1DUP	m132	MS13762	VTO15STD	2		1200	MS119	
J10778	M65530-1	m162	MS13762	VTO15STD	1		1	NA	
J10779	FCB082	m199	NA	VTO15STD	4		1	MC082	
J10780	FCB083	m199	NA	VTO15STD	5		1	MC061	
J10781	FCB084	m201	NA	VTO15STD	6		1	MC001	
J10782	FCB085	m184	NA	VTO15STD	7		1	MC084	
J10783	FCB086	m205	NA	VTO15STD	8		1	MC032	
J10784	SCC	m072	NA	VTO15STD	9		1	NA	
J10785	SCC	m065	NA	VTO15STD	10		1	NA	

J10786	SCC	m019	NA	VTO15STD	11		1	NA	
J10787	M65793-1	m159	MS13828	VTO15STD	12		1	MC112	
J10788	M65794-1	m024	MS13828	VTO15STD	13		1	MC117	Re-run@ 20x , over calibration.
J10789	M65795-1	m165	MS13828	VTO15STD	14		1	MC106	Do not report, possible carry over
J10790	SCC	m188	NA	VTO15STD	4		1	NA	
J10791	M65794-1	m024	MS13828	VTO15STD	13		20	MC117	
J10792	M65795-1	m165	MS13828	VTO15STD	14		1	MC106	

Standard Lot #	
Calib STD 1	MSA366
Calib STD 2	NA
ICV	NA
Inter/Surr STD	MSA218
BS/BSD	MSA366

File ID	
Tune File 1	J10794
Tune File 2	NA
Initial Cal.	6/25/07
ID FILE	J062507T.M
Instrument ID	J
ICAL:	
Column Type:	RTX-1
Sequence Verified By:	DT 6/28/07

Date:	6/27/2007
Analyst:	DANAT
Batch ID:	msj558
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	6/29/2007 9:53:53 AM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
J10793	CC557-10	m080	MSA366		1		1		fail rr
J10794	CC557-10	m080	MSA366		1		1		ok
J10794a	BS	m080	MSA366		1		1		
J10795	BLANK	m012			2				
J10796	MB	m012			2		1		
J10797	M65576-1	m180	MS13762	VTO15STD	3		500		Re-run @ 2,000x , over calibration.
J10798	M65576-1	m180	MS13762	VTO15STD	3		2000		
J10799	M65576-1DUP	m180	MS13762	VTO15STD	3		500		
J10800	M65796-1	m018	MS13828	VTO15STD	4		1		
J10801	M65796-2	m031	MS13828	VTO15STD	5		1		Re-run @ 1x , internal standard fails high.
J10802	M65797-1	m048	MS13828	VTO15STD	6		1		
J10803	M65797-2	m039	MS13828	VTO15STD	7		1		
J10804	M65798-1	m151	MS13828	VTO15STD	8		1		
J10805	M65803-1	m125	MS13836	VTO15STD	9		1		
J10806	M65803-2	m035	MS13836	VTO15STD	10		1		Re-run @ 1x , internal standard fails low.
J10807	M65721-1	m090	MS13836	VTO15STD	11		20		Re-run @ 200x , over calibration.
J10808	M65796-2	m031	MS13828	VTO15STD	5		1		

Standard Lot #	
Calib STD 1	MSA354
Calib STD 2	MSA356
ICV	MSA355
Inter/Surr STD	MSA218
BS/BSD	MSA355

File ID	
Tune File 1	Q3715.D
Tune File 2	NA
Initial Cal.	6-14-07
ID FILE	Q061407T.M
Instrument ID	Q
ICAL:	Q3721.D
Column Type:	RTX-1
Sequence Verified By:	PB 6-15-07

Date:	6/14/2007
Analyst:	PHILIPB
Batch ID:	MSQ201
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	6/15/2007 4:35:49 PM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
Q3715	IC201-40	M065	MSA354	VTO15STD	2		1	NA	O.K.; BFB
Q3716	IC201-.5	M068	MSA356	VTO15STD	3		1	NA	O.K.
Q3717	IC201-.2	M068	MSA356	VTO15STD	3		1	NA	O.K.
Q3718	IC201-10	M065	MSA354	VTO15STD	2		1	NA	O.K.
Q3719	IC201-5	M065	MSA354	VTO15STD	2		1	NA	O.K.
Q3720	IC201-2	M065	MSA354	VTO15STD	2		1	NA	O.K.
Q3721	ICV201-10	M057	MSA355	VTO15STD	4		1	NA	O.K.
Q3721A	BS	M057	MSA355	VTO15STD	4		1	NA	O.K.
Q3722	MB	M097	MS13754	VTO15STD	5		1	NA	O.K.
Q3722A	M65337-15	M097	MS13754	VTO15STD	5		1	NA	O.K.
Q3723	M65235-11	M187	MS13754	VTO15STD	6		5000	NA	Re-run 50,000X
Q3724	M65235-11DUP	M187	MS13754	VTO15STD	6		5000	NA	O.K.
Q3725	M65337-16	M024	MS13754	VTO15STD	7		1	NA	O.K.
Q3726	M65337-17	M035	MS13754	VTO15STD	8		1	NA	O.K.
Q3727	M65337-18	M099	MS13754	VTO15STD	9		1	NA	O.K.
Q3728	M65337-19	M128	MS13754	VTO15STD	10		1	NA	O.K.
Q3729	M65337-20	M009	MS13754	VTO15STD	11		1	NA	O.K.
Q3730	M65337-21	M126	MS13754	VTO15STD	12		1	NA	O.K.
Q3731	M65235-2	M085	MS13754	VTO15STD	13		1000	NA	Re-run 10X
Q3732	M65235-8	M153	MS13754	VTO15STD	14		1000	NA	Re-run 10X
Q3733	M65235-9	M098	MS13754	VTO15STD	15		1000	NA	Re-run 100X
Q3734	M65235-12	M075	MS13754	VTO15STD	16		1000	NA	Re-run 50,000X
Q3735	M65235-10	M202	MS13754	VTO15STD	1		800	NA	Re-run 50,000X
Q3736	BLANK	M012	MS13754	VTO15STD	1		1	NA	Carry over
Q3737	BLANK	M012	MS13754	VTO15STD	1		1	NA	Carry over
Q3738	BLANK	M012	MS13754	VTO15STD	1		1	NA	Carry over
Q3739	BLANK	M012	MS13754	VTO15STD	1		1	NA	Carry over
Q3740	BLANK	M012	MS13754	VTO15STD	1		1	NA	Carry over
Q3741	BLANK	M012	MS13754	VTO15STD	1		1	NA	Carry over
Q3742	BLANK	M012	MS13754	VTO15STD	1		1	NA	Carry over

Standard Lot #	
Calib STD 1	MSA364
Calib STD 2	MSA365
ICV	MSA366
Inter/Surr STD	MSA218
BS/BSD	MSA366

File ID	
Tune File 1	Q3817.D
Tune File 2	NA
Initial Cal.	6-27-07
ID FILE	Q062707T.M
Instrument ID	Q
ICAL:	
Column Type:	RTX-1
Sequence Verified By:	PB 6-28-07

Date:	6/27/2007
Analyst:	PHILIPB
Batch ID:	MSQ205
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	6/28/2007 2:06:07 PM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
Q3814	CC204-10	M080	MSA366	VTO15STD	1		1	NA	Failed
Q3815	CC204-10	M080	MSA366	VTO15STD	1		1	NA	Failed
Q3816	CC204-10	M080	MSA366	VTO15STD	1		1	NA	Failed; re-calibrtae
Q3817	IC205-40	M041	MSA364	VTO15STD	1		1	NA	O.K.; BFB
Q3818	IC205-20	M041	MSA364	VTO15STD	1		1	NA	O.K.
Q3819	ICC205-10	M041	MSA364	VTO15STD	1		1	NA	O.K.
Q3820	IC205-5	M041	MSA364	VTO15STD	1		1	NA	O.K.
Q3821	IC205-2	M041	MSA364	VTO15STD	1		1	NA	O.K.
Q3822	IC205-.5	M087	MSA365	VTO15STD	2		1	NA	O.K.
Q3823	IC205-.2	M087	MSA365	VTO15STD	2		1	NA	O.K.
Q3824	ICV205-10	M080	MSA366	VTO15STD	2		1	NA	O.K.
Q3824A	BS	M080	MSA366	VTO15STD	2		1	NA	O.K.
Q3825	MB	M066	MS13820	VTO15STD	2		1	NA	O.K.
Q3825A	M65889-6	M066	MS13820	VTO15STD	2		1	NA	Certification Blank.
Q3826	M65720-1	M123	MS13820	VTO15STD	3		10	MC047	Re-run 20X
Q3827	M65720-1DUP	M123	MS13820	VTO15STD	3		10	MC047	O.K.
Q3828	M65720-2	M158	MS13820	VTO15STD	4		10	MC067	Re-run 50X
Q3829	M65720-3	M033	MS13820	VTO15STD	5		10	MC017	Re-run 20X
Q3830	M65720-4	M145	MS13820	VTO15STD	6		10	MC053	Rerun 40X
Q3831	M65720-5	M015	MS13820	VTO15STD	7		10	MC002	Rerun 40X
Q3832	M65720-6	M167	MS13820	VTO15STD	8		10	MC081	Rerun 40X
Q3833	M65720-1	M123	MS13820	VTO15STD	3		20	MC047	Report with Q3826.D
Q3834	M65720-3	M033	MS13820	VTO15STD	5		20	MC017	Report with Q3829.D
Q3835	M65720-4	M145	MS13820	VTO15STD	6		40	MC053	Report with Q3830.D

Standard Lot #	
Calib STD 1	MSA364
Calib STD 2	MSA365
ICV	MSA366
Inter/Surr STD	MSA218
BS/BSD	MSA366

File ID	
Tune File 1	Q3837.D
Tune File 2	NA
Initial Cal.	6-27-07
ID FILE	Q062707T.M
Instrument ID	Q
ICAL:	Q3824.D
Column Type:	RTX-1
Sequence Verified By:	PB 6-29-07

Date:	6/28/2007
Analyst:	PHILIPB
Batch ID:	MSQ206
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	7/2/2007 4:14:13 PM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
Q3836	CC204-10	M080	MSA366	VTO15STD	2		1	NA	Methylene chloride High.
Q3837	CC204-10	M080	MSA366	VTO15STD	3		1	NA	O.K.; BFB
Q3837A	BS	M080	MSA366	VTO15STD	4		1	NA	O.K.
Q3838	MB	M213	MS13849	VTO15STD	5		1	NA	O.K.
Q3838A	M65889-7	M213	MS13949	VTO15STD	6		1	NA	Certification Blank
Q3839	M65720-5	M015	MS13820	VTO15STD	7		40	MC002	Report with Q3831.D
Q3840	M65720-6	M167	MS13820	VTO15STD	8		40	MC081	Report with Q3832.D
Q3841	M65720-2	M183	MS13820	VTO15STD	9		100	MC067	Report with Q3828.D
Q3842	M65843-1	M097	MS13849	VTO15STD	10		1	MC065	O.K.
Q3843	M65843-1DUP	M097	MS13849	VTO15STD	11		1	MC065	Did sample full volume, Canister Vacuum high.
Q3844	M65803-2	M035	MS13836	VTO15STD	12		1	MC086	O.K.
Q3845	M65721-1	M196	MS13836	VTO15STD	13		200	NA	Report with J10807.D
Q3846	M65828-1	M037	MS13836	VTO15STD	14		20	NA	Re-analyze possible sampling error.
Q3847	M65828-2	M036	MS13836	VTO15STD	15		20	NA	ISTD Low; re-run 10X
Q3848	M65828-3	M038	MS13836	VTO15STD	16		20	NA	ISTD Low; re-run 20X
Q3849	M65828-3	M038	MS13836	VTO15STD	17		20	NA	ISTD Low; confirmed by Q3848.D
Q3850	M65828-2	M036	MS13836	VTO15STD	18		10	NA	ISTD Low; Confirmed by Q3847.D
Q3851	M65828-1DUP	M037	MS13836	VTO15STD	19		20	NA	O.K.
Q3852	M65828-1	M037	MS13836	VTO15STD	20		20	NA	O.K.
Q3853	M65889-8	M144	MS13849	VTO15STD	21		1	NA	Certification Blank
Q3854	FCB087	M193	NA	VTO15STD	22		1	MC083	O.K.
Q3855	FCB088	M195	NA	VTO15STD	23		1	MC067	O.K.