New England ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

07/11/07

Technical Report for

GEI Consultants, Inc.

Indoor & Outdoor Air Samples Tufts St., Somerville MA

045162

Accutest Job Number: M65924

Sampling Date: 06/27/07

Report to:

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

ATTN: Raymond Siegener, Ph.D.

Total number of pages in report: **510**

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: M65924

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

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
M65924-1	06/27/07	19:10	SLS	06/28/07	AIR	Air	045162-4MORT-SS1
M65924-2	06/27/07	19:21	SLS	06/28/07	AIR	Air	045162-4MORT-SS2

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	GEI Consultants, Inc.	**Job No**	M65924
Site:	Indoor & Outdoor Air Samples Tufts St., Somerville MA	**Report Date**	7/10/2007 5:00:43 PM

1 Sample was collected on 06/27/2007 and were received at Accutest on 06/28/2007. These Samples received an Accutest job number of M65924. 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:**	MSQ209

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M65961-6DUP 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(M65924).

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-4MORT-SS2		
Lab Sample ID:	M65924-2	**Date Sampled:**	06/27/07
Matrix:	AIR - Air Summa ID: M176,M148	**Date Received:**	06/28/07
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	Q3893.D	100	07/03/07	PB	n/a	n/a	MSQ209
Run #2	Q3894.D	1000	07/03/07	PB	n/a	n/a	MSQ209

	Initial Volume
Run #1	400 ml
Run #2	400 ml

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	64.52	Chloroethane	ND	20	ppbv		ND	53	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	20	ppbv		ND	130	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	20	ppbv		ND	81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	20	ppbv		ND	79	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	20	ppbv		ND	81	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	20	ppbv		ND	79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	20	ppbv		ND	79	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	73.5	20	ppbv		401	110	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	20	ppbv		ND	140	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	20	ppbv		ND	110	ug/m3
127-18-4	165.8	Tetrachloroethylene	5650 [a]	200	ppbv		38300 [a]	1400	ug/m3
79-01-6	131.4	Trichloroethylene	31.4	20	ppbv		169	110	ug/m3
75-01-4	62.5	Vinyl chloride	ND	20	ppbv		ND	51	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	84%	83%	57-139%

(a) Result is from Run# 2

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

ACCUTEST Laboratories

CHAIN OF CUSTODY

Air Sampling Field Data Sheet

FED-EX Tracking #: | Bottle Order Control #: | Lab Chkbk #: | Lab Job #: M65924

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 Street
Street:
City: Somerville State: MA
Project #: 045162
Client Purchase Order #:

Weather Parameters

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

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	Requested Analysis
M65924-1	045162-4Mort-SS1	SV	M166	6L	MC105	6-27-07	1808	30	/	SLS	6-27-07	1910	4	/	SLS			HOLD
-2	045162-4Mort-SS2	SV	M148	6L	MC118	6-27-07	1820	30	/	SLS	6-27-07	1921	5	/	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 list of analytes.

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	6-27-07 1530	2 Samantha Slater
3 Samantha Slater	6-27-07 1950	3 GEI Lab	4 GEI Lab / Amth Ahles	6/28/07 1415	4
5	6/28/07 1730	5	Custody Seal #		

SM013-01 (2/14/06)

4.1

4

M65924: Chain of Custody
Page 1 of 2

Sub Slab 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: M65924
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA
Received: 06/28/07

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
M166	6	29.4	06/26/07	PB	CP436	J10786.D	M65924-1	06/29/07	PB	2		-1	1
M148	6	29.4	06/15/07	PB	CP429	Q3730.D	M65924-2	06/29/07	PB	2		-1	1

FLOW CONTROLLERS

Shipping					Receiving		
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min
MC105	06/15/07	PB	80	1	06/29/07	PB	86.5
MC118	06/15/07	PB	80	1	06/29/07	PB	82

Accutest Bottle Order(s):
PB/6-15-07/GEI/TUFTS ST.
PB/6-26-07/GEI/TUFTS ST.

Prep Date	Room Temp(F)	Bar Pres "Hg
06/15/07	70	29.92
06/26/07	70	29.92

Internal Sample Tracking Chronicle

GEI Consultants, Inc.

Job No: M65924

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

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M65924-2	Collected: 27-JUN-07 19:21 By: SLS		Received: 28-JUN-07 By: SAP			
045162-4MORT-SS2						
M65924-2	TO-15	03-JUL-07 17:05	PB			VTO15STD
M65924-2	TO-15	03-JUL-07 17:48	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: M65924
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
MSQ209-MB	Q3883.D	1	07/02/07	PB	n/a	n/a	MSQ209

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

M65924-2

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	86%	57-139%

Method Blank Summary

Job Number: M65924
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: M65924
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
MSJ557-MB	J10769.D	1	06/26/07	DFT	n/a	n/a	MSJ557

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

MSJ557-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	94%	57-139%

Blank Spike Summary

Job Number: M65924
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
MSQ209-BS	Q3882A.D	1	07/02/07	PB	n/a	n/a	MSQ209

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

M65924-2

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	9.2	92	70-130
56-23-5	Carbon tetrachloride	10	9.4	94	70-130
75-34-3	1,1-Dichloroethane	10	8.7	87	70-130
75-35-4	1,1-Dichloroethylene	10	10.9	109	70-130
107-06-2	1,2-Dichloroethane	10	8.9	89	70-130
156-60-5	trans-1,2-Dichloroethylene	10	9.5	95	70-130
156-59-2	cis-1,2-Dichloroethylene	10	9.2	92	70-130
71-55-6	1,1,1-Trichloroethane	10	8.8	88	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	9.1	91	70-130
79-00-5	1,1,2-Trichloroethane	10	8.5	85	70-130
127-18-4	Tetrachloroethylene	10	7.8	78	70-130
79-01-6	Trichloroethylene	10	8.8	88	70-130
75-01-4	Vinyl chloride	10	12.0	120	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	105%	57-139%

Blank Spike Summary

Job Number: M65924
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: M65924
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
MSJ557-BS	J10768B.D	1	06/26/07	DFT	n/a	n/a	MSJ557

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

MSJ557-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	9.8	98	70-130
56-23-5	Carbon tetrachloride	10	10.1	101	70-130
75-34-3	1,1-Dichloroethane	10	9.3	93	70-130
75-35-4	1,1-Dichloroethylene	10	9.5	95	70-130
107-06-2	1,2-Dichloroethane	10	9.5	95	70-130
156-60-5	trans-1,2-Dichloroethylene	10	9.5	95	70-130
156-59-2	cis-1,2-Dichloroethylene	10	9.4	94	70-130
71-55-6	1,1,1-Trichloroethane	10	9.4	94	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	11.8	118	70-130
79-00-5	1,1,2-Trichloroethane	10	10.3	103	70-130
127-18-4	Tetrachloroethylene	10	10.6	106	70-130
79-01-6	Trichloroethylene	10	10.5	105	70-130
75-01-4	Vinyl chloride	10	9.8	98	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	107%	57-139%

Duplicate Summary

Job Number: M65924
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
M65961-6DUP	Q3886.D	1	07/03/07	PB	n/a	n/a	MSQ209
M65961-6	Q3885.D	1	07/03/07	PB	n/a	n/a	MSQ209

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

M65924-2

CAS No.	Compound	M65961-6 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	1.5		1.5		0	25
79-01-6	Trichloroethylene	ND		ND		nc	25
75-01-4	Vinyl chloride	ND		ND		nc	25

CAS No.	Surrogate Recoveries	DUP	M65961-6	Limits
460-00-4	4-Bromofluorobenzene	95%	93%	57-139%

Summa Cleaning Certification

Job Number: M65924
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	J10600.D	1	06/08/07	DFT	n/a	n/a	MSJ548

The QC reported here (Summa M148) applies to the following samples: **Method:** TO-15

Batch CP429 cleaned 06/05/07: M65924-2(M148)

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%

Summa Cleaning Certification

Job Number: M65924
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
MSJ557-SCC	J10790.D	1	06/27/07	DFT	n/a	n/a	MSJ557

The QC reported here (Summa M188) applies to the following samples: **Method:** TO-15

Batch CP434 cleaned 06/19/07: M65924-2(M176)

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	92%	57-139%

Instrument Performance Check (BFB)

Job Number: M65924
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: M65924
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 M65924)
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: M65924
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: M65924
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSJ557-BFB
Lab File ID: J10768.D
Instrument ID: GCMSJ
Injection Date: 06/26/07
Injection Time: 11:20

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	45008	19.7		Pass
75	30.0 - 66.0% of mass 95	112124	49.0		Pass
95	Base peak, 100% relative abundance	228970	100.0		Pass
96	5.0 - 9.0% of mass 95	15941	7.0		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	226221	98.8		Pass
175	4.0 - 9.0% of mass 174	12131	5.3	(5.4) [a]	Pass
176	93.0 - 101.0% of mass 174	219696	95.9	(97.1) [a]	Pass
177	5.0 - 9.0% of mass 176	15326	6.7	(7.0) [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
MSJ557-CC557	J10768A.D	06/26/07	11:20	00:00	Continuing cal 10
MSJ557-BS	J10768B.D	06/26/07	11:20	00:00	Blank Spike
MSJ557-ICV557	J10768.D	06/26/07	11:20	00:00	Initial cal verification 10
MSJ557-MB	J10769.D	06/26/07	12:12	00:52	Method Blank
MSJ557-SCC	J10769A.D	06/26/07	12:12	00:52	Summa Cleaning Certification
MSJ557-SCC	J10770.D	06/26/07	13:04	01:44	Summa Cleaning Certification
MSJ557-SCC	J10771.D	06/26/07	13:58	02:38	Summa Cleaning Certification
M65503-1	J10773.D	06/26/07	16:00	04:40	(used for QC only; not part of job M65924)
ZZZZZZ	J10774.D	06/26/07	16:58	05:38	(unrelated sample)
M65503-1	J10775.D	06/26/07	17:41	06:21	(used for QC only; not part of job M65924)
ZZZZZZ	J10776.D	06/26/07	18:24	07:04	(unrelated sample)
M65503-1DUP	J10777.D	06/26/07	19:23	08:03	Duplicate
ZZZZZZ	J10778.D	06/26/07	20:19	08:59	(unrelated sample)
MSJ557-SCC	J10784.D	06/27/07	01:21	14:01	Summa Cleaning Certification
MSJ557-SCC	J10785.D	06/27/07	02:11	14:51	Summa Cleaning Certification
MSJ557-SCC	J10786.D	06/27/07	03:01	15:41	Summa Cleaning Certification
ZZZZZZ	J10787.D	06/27/07	03:51	16:31	(unrelated sample)
ZZZZZZ	J10788.D	06/27/07	04:42	17:22	(unrelated sample)
MSJ557-SCC	J10790.D	06/27/07	09:01	21:41	Summa Cleaning Certification
ZZZZZZ	J10791.D	06/27/07	09:44	22:24	(unrelated sample)
ZZZZZZ	J10792.D	06/27/07	10:37	23:17	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: M65924
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ208-BFB
Lab File ID: Q3873.D
Instrument ID: GCMSQ
Injection Date: 07/02/07
Injection Time: 13:10

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	16884	23.6		Pass
75	30.0 - 66.0% of mass 95	46470	64.9		Pass
95	Base peak, 100% relative abundance	71556	100.0		Pass
96	5.0 - 9.0% of mass 95	4850	6.8		Pass
173	Less than 2.0% of mass 174	519	0.73	(1.1) [a]	Pass
174	50.0 - 120.0% of mass 95	48930	68.4		Pass
175	4.0 - 9.0% of mass 174	3607	5.0	(7.4) [a]	Pass
176	93.0 - 101.0% of mass 174	48098	67.2	(98.3) [a]	Pass
177	5.0 - 9.0% of mass 176	2494	3.5	(5.2) [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
MSQ208-IC208	Q3873.D	07/02/07	13:10	00:00	Initial cal 40
MSQ208-IC208	Q3874.D	07/02/07	13:53	00:43	Initial cal 20
MSQ208-IC208	Q3875.D	07/02/07	14:37	01:27	Initial cal 10
MSQ208-ICC208	Q3876.D	07/02/07	15:20	02:10	Initial cal 5
MSQ208-IC208	Q3877.D	07/02/07	16:06	02:56	Initial cal .5
MSQ208-IC208	Q3878.D	07/02/07	16:48	03:38	Initial cal .2
MSQ208-IC208	Q3880.D	07/02/07	18:13	05:03	Initial cal 2
MSQ208-ICV208	Q3881.D	07/02/07	18:54	05:44	Initial cal verification 10

Instrument Performance Check (BFB)

Job Number: M65924
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ209-BFB
Lab File ID: Q3882.D
Instrument ID: GCMSQ
Injection Date: 07/02/07
Injection Time: 19:38

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	36134	24.8		Pass
75	30.0 - 66.0% of mass 95	95398	65.4		Pass
95	Base peak, 100% relative abundance	145840	100.0		Pass
96	5.0 - 9.0% of mass 95	9269	6.4		Pass
173	Less than 2.0% of mass 174	965	0.66	(1.1) [a]	Pass
174	50.0 - 120.0% of mass 95	90180	61.8		Pass
175	4.0 - 9.0% of mass 174	4726	3.2	(5.2) [a]	Pass
176	93.0 - 101.0% of mass 174	88914	61.0	(98.6) [a]	Pass
177	5.0 - 9.0% of mass 176	6254	4.3	(7.0) [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
MSQ209-BS	Q3882A.D	07/02/07	19:38	00:00	Blank Spike
MSQ209-CC208	Q3882.D	07/02/07	19:38	00:00	Continuing cal 10
MSQ209-MB	Q3883.D	07/02/07	20:22	00:44	Method Blank
ZZZZZZ	Q3884.D	07/03/07	09:29	13:51	(unrelated sample)
M65961-6	Q3885.D	07/03/07	10:12	14:34	(used for QC only; not part of job M65924)
M65961-6DUP	Q3886.D	07/03/07	10:55	15:17	Duplicate
ZZZZZZ	Q3887.D	07/03/07	11:39	16:01	(unrelated sample)
ZZZZZZ	Q3888.D	07/03/07	12:29	16:51	(unrelated sample)
ZZZZZZ	Q3889.D	07/03/07	14:15	18:37	(unrelated sample)
ZZZZZZ	Q3892.D	07/03/07	16:22	20:44	(unrelated sample)
M65924-2	Q3893.D	07/03/07	17:05	21:27	045162-4MORT-SS2
M65924-2	Q3894.D	07/03/07	17:48	22:10	045162-4MORT-SS2
ZZZZZZ	Q3895.D	07/03/07	18:30	22:52	(unrelated sample)
ZZZZZZ	Q3896.D	07/03/07	19:13	23:35	(unrelated sample)

Volatile Internal Standard Area Summary

Job Number: M65924
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: M65924
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Check Std:	MSJ557-CC557	**Injection Date:**	06/26/07
Lab File ID:	J10768A.D	**Injection Time:**	11:20
Instrument ID:	GCMSJ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	405778	8.63	1774169	10.45	1608427	14.68
Upper Limit [a]	568089	8.96	2483837	10.78	2251798	15.01
Lower Limit [b]	243467	8.30	1064501	10.12	965056	14.35

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSJ557-BS	405778	8.63	1774169	10.45	1608427	14.68
MSJ557-MB	401721	8.59	1634608	10.41	1502770	14.66
MSJ557-SCC	401721	8.59	1634608	10.41	1502770	14.66
MSJ557-SCC	388083	8.61	1619429	10.42	1481093	14.66
MSJ557-SCC	391826	8.60	1581818	10.42	1475726	14.66
M65503-1	362024	8.56	1551122	10.39	1412283	14.66
ZZZZZZ	369363	8.56	1435455	10.39	1250345	14.65
M65503-1	394104	8.52	1670253	10.35	1392098	14.64
ZZZZZZ	407709	8.51	1683733	10.35	1496495	14.63
M65503-1DUP	423336	8.59	1729953	10.42	1559045	14.66
ZZZZZZ	410224	8.61	1663325	10.43	1625786	14.67
MSJ557-SCC	418154	8.60	1702263	10.42	1548690	14.66
MSJ557-SCC	431490	8.62	1770245	10.44	1623914	14.67
MSJ557-SCC	429418	8.62	1714751	10.43	1554709	14.67
ZZZZZZ	423587	8.62	1749495	10.43	1643870	14.68
ZZZZZZ	317475	8.63	1179809	10.44	1000678	14.68
MSJ557-SCC	427159	8.62	1646626	10.44	1550230	14.67
ZZZZZZ	411132	8.59	1716842	10.41	1539662	14.66
ZZZZZZ	427836	8.61	1813319	10.43	1703627	14.68

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: M65924
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Check Std:	MSQ208-ICC208	**Injection Date:**	07/02/07
Lab File ID:	Q3876.D	**Injection Time:**	15:20
Instrument ID:	GCMSQ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	116713	8.63	553513	10.46	466784	14.71
Upper Limit [a]	163398	8.96	774918	10.79	653498	15.04
Lower Limit [b]	70028	8.30	332108	10.13	280070	14.38

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSQ209-BS	117816	8.63	563837	10.46	479305	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.

Volatile Internal Standard Area Summary

Job Number: M65924
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Check Std:	MSQ209-CC208	**Injection Date:**	07/02/07
Lab File ID:	Q3882.D	**Injection Time:**	19:38
Instrument ID:	GCMSQ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	117816	8.63	563837	10.46	479305	14.71
Upper Limit [a]	164942	8.96	789372	10.79	671027	15.04
Lower Limit [b]	70690	8.30	338302	10.13	287583	14.38

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSQ209-MB	119296	8.63	535749	10.46	424909	14.71
ZZZZZZ	108882	8.63	512120	10.46	425173	14.70
M65961-6	106736	8.63	496651	10.46	446657	14.70
M65961-6DUP	110919	8.64	505856	10.46	428789	14.71
ZZZZZZ	106050	8.63	482058	10.46	400007	14.70
ZZZZZZ	104590	8.64	508584	10.46	430450	14.70
ZZZZZZ	96448	8.63	462752	10.46	379118	14.70
ZZZZZZ	90573	8.64	417050	10.46	338862	14.70
M65924-2	92246	8.63	424465	10.46	350011	14.71
M65924-2	84071	8.63	392627	10.46	316369	14.70
ZZZZZZ	91608	8.63	427140	10.46	363541	14.70
ZZZZZZ	93647	8.64	453403	10.46	410684	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.

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65924
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: M65924
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: M65924
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: M65924
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: M65924
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: M65924
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: M65924
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: M65924
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: M65924
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: M65924
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: M65924
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: M65924
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: M65924
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: M65924
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: M65924
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: M65924
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: M65924
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: M65924
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: M65924
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: M65924
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: M65924
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: M65924
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: M65924
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: M65924
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: M65924
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: M65924
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: M65924
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: M65924
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: M65924
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	
MSQ208-IC208	Q3873.D	07/02/07 13:10	PB	40	GCMSQ	TO-15	Reporting this level
MSQ208-IC208	Q3874.D	07/02/07 13:53	PB	20	GCMSQ	TO-15	
MSQ208-IC208	Q3875.D	07/02/07 14:37	PB	10	GCMSQ	TO-15	
MSQ208-ICC208	Q3876.D	07/02/07 15:20	PB	5	GCMSQ	TO-15	
MSQ208-IC208	Q3877.D	07/02/07 16:06	PB	.5	GCMSQ	TO-15	
MSQ208-IC208	Q3878.D	07/02/07 16:48	PB	.2	GCMSQ	TO-15	
MSQ208-IC208	Q3880.D	07/02/07 18:13	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	0.649	0.589-0.709
1,3-Butadiene	4.56	8.64	0.528	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	15.43	14.71	1.049	ok	1.049	0.989-1.109
Bromomethane	4.83	8.64	0.559	ok	0.560	0.500-0.620
Bromoethene	5.37	8.64	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.92	14.71	1.218	ok	1.218	1.158-1.278
Carbon disulfide	6.86	8.64	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.75	14.71	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.64	0.580	ok	0.580	0.520-0.640
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	0.771	0.711-0.831
2-Chlorotoluene	17.02	14.71	1.157	ok	1.157	1.097-1.217
Carbon tetrachloride	10.29	8.64	1.191	ok	1.192	1.132-1.252
Cyclohexane	10.42	10.46	0.996	ok	0.996	0.936-1.056
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	13.60	14.71	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.64	1.095	ok	1.096	1.036-1.156
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	8.64	0.466	ok	0.467	0.407-0.527
Dibromochloromethane	13.35	14.71	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.47	8.64	0.865	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	10.46	1.143	ok	1.143	1.083-1.203
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	12.46	10.46	1.191	ok	1.191	1.131-1.251
Ethanol	5.09	8.64	0.589	ok	0.591	0.531-0.651
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	1.170	1.110-1.230
Freon 113	6.80	8.64	0.787	ok	0.787	0.727-0.847
Freon 114	4.30	8.64	0.498	ok	0.497	0.437-0.557
Heptane	11.41	10.46	1.091	ok	1.090	1.030-1.150
Hexachlorobutadiene	20.80	14.71	1.414	ok	1.414	1.354-1.474
Hexane	8.67	8.64	1.003	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65924
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	
MSQ208-IC208	Q3873.D	07/02/07 13:10	PB	40	GCMSQ	TO-15	Reporting this level
MSQ208-IC208	Q3874.D	07/02/07 13:53	PB	20	GCMSQ	TO-15	
MSQ208-IC208	Q3875.D	07/02/07 14:37	PB	10	GCMSQ	TO-15	
MSQ208-ICC208	Q3876.D	07/02/07 15:20	PB	5	GCMSQ	TO-15	
MSQ208-IC208	Q3877.D	07/02/07 16:06	PB	.5	GCMSQ	TO-15	
MSQ208-IC208	Q3878.D	07/02/07 16:48	PB	.2	GCMSQ	TO-15	
MSQ208-IC208	Q3880.D	07/02/07 18:13	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	0.895	0.835-0.955
Isopropylbenzene	16.47	14.71	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.82	8.64	0.674	ok	0.675	0.615-0.735
Methylene chloride	6.54	8.64	0.757	ok	0.757	0.697-0.817
Methyl ethyl ketone	8.03	8.64	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	7.71	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	0.459	0.399-0.519
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	10.46	1.209	ok	1.209	1.149-1.269
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	1.067	1.007-1.127
Tertiary Butyl Alcohol	6.43	8.64	0.744	ok	0.746	0.686-0.806
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	10.46	1.236	ok	1.235	1.175-1.295
Trichloroethylene	11.15	10.46	1.066	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	0.902	0.842-0.962
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	8.63	8.30-8.96	149790	ok	121108	72665-169551
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	705447	ok	562415	337449-787381
Chlorobenzene-D5	14.71	ok	14.71	14.38-15.04	619887	ok	470384	282230-658538

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65924
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	
MSQ208-IC208	Q3873.D	07/02/07 13:10	PB	40	GCMSQ	TO-15	
MSQ208-IC208	Q3874.D	07/02/07 13:53	PB	20	GCMSQ	TO-15	Reporting this level
MSQ208-IC208	Q3875.D	07/02/07 14:37	PB	10	GCMSQ	TO-15	
MSQ208-ICC208	Q3876.D	07/02/07 15:20	PB	5	GCMSQ	TO-15	
MSQ208-IC208	Q3877.D	07/02/07 16:06	PB	.5	GCMSQ	TO-15	
MSQ208-IC208	Q3878.D	07/02/07 16:48	PB	.2	GCMSQ	TO-15	
MSQ208-IC208	Q3880.D	07/02/07 18:13	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	0.649	0.589-0.709
1,3-Butadiene	4.56	8.63	0.528	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	15.43	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	5.37	8.63	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.92	14.71	1.218	ok	1.218	1.158-1.278
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	5.01	8.63	0.581	ok	0.580	0.520-0.640
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	0.771	0.711-0.831
2-Chlorotoluene	17.02	14.71	1.157	ok	1.157	1.097-1.217
Carbon tetrachloride	10.29	8.63	1.192	ok	1.192	1.132-1.252
Cyclohexane	10.41	10.46	0.995	ok	0.996	0.936-1.056
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	9.47	8.63	1.097	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.93	10.46	1.045	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	0.467	0.407-0.527
Dibromochloromethane	13.35	14.71	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.47	8.63	0.866	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	11.96	10.46	1.143	ok	1.143	1.083-1.203
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	18.01	14.71	1.224	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.46	10.46	1.191	ok	1.191	1.131-1.251
Ethanol	5.09	8.63	0.590	ok	0.591	0.531-0.651
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	1.170	1.110-1.230
Freon 113	6.79	8.63	0.787	ok	0.787	0.727-0.847
Freon 114	4.30	8.63	0.498	ok	0.497	0.437-0.557
Heptane	11.41	10.46	1.091	ok	1.090	1.030-1.150
Hexachlorobutadiene	20.80	14.71	1.414	ok	1.414	1.354-1.474
Hexane	8.67	8.63	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65924
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	
MSQ208-IC208	Q3873.D	07/02/07 13:10	PB	40	GCMSQ	TO-15	
MSQ208-IC208	Q3874.D	07/02/07 13:53	PB	20	GCMSQ	TO-15	Reporting this level
MSQ208-IC208	Q3875.D	07/02/07 14:37	PB	10	GCMSQ	TO-15	
MSQ208-ICC208	Q3876.D	07/02/07 15:20	PB	5	GCMSQ	TO-15	
MSQ208-IC208	Q3877.D	07/02/07 16:06	PB	.5	GCMSQ	TO-15	
MSQ208-IC208	Q3878.D	07/02/07 16:48	PB	.2	GCMSQ	TO-15	
MSQ208-IC208	Q3880.D	07/02/07 18:13	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	0.895	0.835-0.955
Isopropylbenzene	16.47	14.71	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.82	8.63	0.674	ok	0.675	0.615-0.735
Methylene chloride	6.54	8.63	0.758	ok	0.757	0.697-0.817
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	6.15	8.63	0.713	ok	0.711	0.651-0.771
Propylene	3.96	8.63	0.459	ok	0.459	0.399-0.519
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	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.30	14.71	1.380	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	11.17	10.46	1.068	ok	1.067	1.007-1.127
Tertiary Butyl Alcohol	6.43	8.63	0.745	ok	0.746	0.686-0.806
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	1.235	1.175-1.295
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	4.42	8.63	0.512	ok	0.512	0.452-0.572
Vinyl Acetate	7.79	8.63	0.903	ok	0.902	0.842-0.962
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	8.63	8.30-8.96	122050	ok	121108	72665-169551
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	579548	ok	562415	337449-787381
Chlorobenzene-D5	14.71	ok	14.71	14.38-15.04	502749	ok	470384	282230-658538

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65924
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	
MSQ208-IC208	Q3873.D	07/02/07 13:10	PB	40	GCMSQ	TO-15	
MSQ208-IC208	Q3874.D	07/02/07 13:53	PB	20	GCMSQ	TO-15	
MSQ208-IC208	Q3875.D	07/02/07 14:37	PB	10	GCMSQ	TO-15	Reporting this level
MSQ208-ICC208	Q3876.D	07/02/07 15:20	PB	5	GCMSQ	TO-15	
MSQ208-IC208	Q3877.D	07/02/07 16:06	PB	.5	GCMSQ	TO-15	
MSQ208-IC208	Q3878.D	07/02/07 16:48	PB	.2	GCMSQ	TO-15	
MSQ208-IC208	Q3880.D	07/02/07 18:13	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	0.649	0.589-0.709
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	15.42	14.70	1.049	ok	1.049	0.989-1.109
Bromomethane	4.83	8.64	0.559	ok	0.560	0.500-0.620
Bromoethene	5.37	8.64	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.92	14.70	1.219	ok	1.218	1.158-1.278
Carbon disulfide	6.86	8.64	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.75	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.64	0.580	ok	0.580	0.520-0.640
Chloroform	8.75	8.64	1.013	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	0.771	0.711-0.831
2-Chlorotoluene	17.02	14.70	1.158	ok	1.157	1.097-1.217
Carbon tetrachloride	10.29	8.64	1.191	ok	1.192	1.132-1.252
Cyclohexane	10.42	10.47	0.995	ok	0.996	0.936-1.056
1,1-Dichloroethane	7.67	8.64	0.888	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	13.60	14.70	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.64	1.095	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.92	10.47	1.043	ok	1.044	0.984-1.104
1,4-Dioxane	11.13	10.47	1.063	ok	1.066	1.006-1.126
Dichlorodifluoromethane	4.04	8.64	0.468	ok	0.467	0.407-0.527
Dibromochloromethane	13.35	14.70	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.47	8.64	0.865	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	17.94	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	10.47	1.190	ok	1.191	1.131-1.251
Ethanol	5.10	8.64	0.590	ok	0.591	0.531-0.651
Ethylbenzene	15.13	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.66	8.64	1.002	ok	1.003	0.943-1.063
4-Ethyltoluene	17.21	14.70	1.171	ok	1.170	1.110-1.230
Freon 113	6.80	8.64	0.787	ok	0.787	0.727-0.847
Freon 114	4.29	8.64	0.497	ok	0.497	0.437-0.557
Heptane	11.41	10.47	1.090	ok	1.090	1.030-1.150
Hexachlorobutadiene	20.80	14.70	1.415	ok	1.414	1.354-1.474
Hexane	8.66	8.64	1.002	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65924
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	
MSQ208-IC208	Q3873.D	07/02/07 13:10	PB	40	GCMSQ	TO-15	
MSQ208-IC208	Q3874.D	07/02/07 13:53	PB	20	GCMSQ	TO-15	
MSQ208-IC208	Q3875.D	07/02/07 14:37	PB	10	GCMSQ	TO-15	Reporting this level
MSQ208-ICC208	Q3876.D	07/02/07 15:20	PB	5	GCMSQ	TO-15	
MSQ208-IC208	Q3877.D	07/02/07 16:06	PB	.5	GCMSQ	TO-15	
MSQ208-IC208	Q3878.D	07/02/07 16:48	PB	.2	GCMSQ	TO-15	
MSQ208-IC208	Q3880.D	07/02/07 18:13	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	0.895	0.835-0.955
Isopropylbenzene	16.47	14.70	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.82	8.64	0.674	ok	0.675	0.615-0.735
Methylene chloride	6.54	8.64	0.757	ok	0.757	0.697-0.817
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	14.70	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	0.459	0.399-0.519
Styrene	15.70	14.70	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	15.81	14.70	1.076	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.64	10.47	1.207	ok	1.209	1.149-1.269
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	11.17	10.47	1.067	ok	1.067	1.007-1.127
Tertiary Butyl Alcohol	6.43	8.64	0.744	ok	0.746	0.686-0.806
Tetrachloroethylene	14.06	14.70	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.14	8.64	1.058	ok	1.060	1.000-1.120
Toluene	12.92	10.47	1.234	ok	1.235	1.175-1.295
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	7.78	8.64	0.900	ok	0.902	0.842-0.962
m,p-Xylene	15.33	14.70	1.043	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	8.64	ok	8.63	8.30-8.96	117386	ok	121108	72665-169551
1,4-Difluorobenzene	10.47	ok	10.46	10.13-10.79	520490	ok	562415	337449-787381
Chlorobenzene-D5	14.70	ok	14.71	14.38-15.04	445679	ok	470384	282230-658538

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65924
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	
MSQ208-IC208	Q3873.D	07/02/07 13:10	PB	40	GCMSQ	TO-15	
MSQ208-IC208	Q3874.D	07/02/07 13:53	PB	20	GCMSQ	TO-15	
MSQ208-IC208	Q3875.D	07/02/07 14:37	PB	10	GCMSQ	TO-15	
MSQ208-ICC208	Q3876.D	07/02/07 15:20	PB	5	GCMSQ	TO-15	Reporting this level
MSQ208-IC208	Q3877.D	07/02/07 16:06	PB	.5	GCMSQ	TO-15	
MSQ208-IC208	Q3878.D	07/02/07 16:48	PB	.2	GCMSQ	TO-15	
MSQ208-IC208	Q3880.D	07/02/07 18:13	PB	2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.61	8.63	0.650	ok	0.649	0.589-0.709
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	4.84	8.63	0.561	ok	0.560	0.500-0.620
Bromoethene	5.37	8.63	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.92	14.71	1.218	ok	1.218	1.158-1.278
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	0.580	0.520-0.640
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	0.771	0.711-0.831
2-Chlorotoluene	17.02	14.71	1.157	ok	1.157	1.097-1.217
Carbon tetrachloride	10.29	8.63	1.192	ok	1.192	1.132-1.252
Cyclohexane	10.42	10.46	0.996	ok	0.996	0.936-1.056
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	1.096	1.036-1.156
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	0.467	0.407-0.527
Dibromochloromethane	13.35	14.71	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.47	8.63	0.866	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	11.96	10.46	1.143	ok	1.143	1.083-1.203
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	18.01	14.71	1.224	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.46	10.46	1.191	ok	1.191	1.131-1.251
Ethanol	5.10	8.63	0.591	ok	0.591	0.531-0.651
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	1.170	1.110-1.230
Freon 113	6.79	8.63	0.787	ok	0.787	0.727-0.847
Freon 114	4.29	8.63	0.497	ok	0.497	0.437-0.557
Heptane	11.40	10.46	1.090	ok	1.090	1.030-1.150
Hexachlorobutadiene	20.80	14.71	1.414	ok	1.414	1.354-1.474
Hexane	8.67	8.63	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65924
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	
MSQ208-IC208	Q3873.D	07/02/07 13:10	PB	40	GCMSQ	TO-15	
MSQ208-IC208	Q3874.D	07/02/07 13:53	PB	20	GCMSQ	TO-15	
MSQ208-IC208	Q3875.D	07/02/07 14:37	PB	10	GCMSQ	TO-15	
MSQ208-ICC208	Q3876.D	07/02/07 15:20	PB	5	GCMSQ	TO-15	Reporting this level
MSQ208-IC208	Q3877.D	07/02/07 16:06	PB	.5	GCMSQ	TO-15	
MSQ208-IC208	Q3878.D	07/02/07 16:48	PB	.2	GCMSQ	TO-15	
MSQ208-IC208	Q3880.D	07/02/07 18:13	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	0.895	0.835-0.955
Isopropylbenzene	16.47	14.71	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.83	8.63	0.676	ok	0.675	0.615-0.735
Methylene chloride	6.54	8.63	0.758	ok	0.757	0.697-0.817
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	0.459	0.399-0.519
Styrene	15.70	14.71	1.067	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	1.209	1.149-1.269
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	1.067	1.007-1.127
Tertiary Butyl Alcohol	6.43	8.63	0.745	ok	0.746	0.686-0.806
Tetrachloroethylene	14.06	14.71	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.15	8.63	1.060	ok	1.060	1.000-1.120
Toluene	12.92	10.46	1.235	ok	1.235	1.175-1.295
Trichloroethylene	11.15	10.46	1.066	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.79	8.63	0.671	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	0.902	0.842-0.962
m,p-Xylene	15.31	14.71	1.041	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	8.63	8.30-8.96	116713	ok	121108	72665-169551
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	553513	ok	562415	337449-787381
Chlorobenzene-D5	14.71	ok	14.71	14.38-15.04	466784	ok	470384	282230-658538

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65924
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	
MSQ208-IC208	Q3873.D	07/02/07 13:10	PB	40	GCMSQ	TO-15	
MSQ208-IC208	Q3874.D	07/02/07 13:53	PB	20	GCMSQ	TO-15	
MSQ208-IC208	Q3875.D	07/02/07 14:37	PB	10	GCMSQ	TO-15	
MSQ208-ICC208	Q3876.D	07/02/07 15:20	PB	5	GCMSQ	TO-15	
MSQ208-IC208	Q3877.D	07/02/07 16:06	PB	.5	GCMSQ	TO-15	Reporting this level
MSQ208-IC208	Q3878.D	07/02/07 16:48	PB	.2	GCMSQ	TO-15	
MSQ208-IC208	Q3880.D	07/02/07 18:13	PB	2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.61	8.63	0.650	ok	0.649	0.589-0.709
1,3-Butadiene	4.56	8.63	0.528	ok	0.528	0.468-0.588
Benzene	10.15	10.46	0.970	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	5.37	8.63	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.91	14.71	1.218	ok	1.218	1.158-1.278
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	0.580	0.520-0.640
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	6.67	8.63	0.773	ok	0.771	0.711-0.831
2-Chlorotoluene	17.01	14.71	1.156	ok	1.157	1.097-1.217
Carbon tetrachloride	10.29	8.63	1.192	ok	1.192	1.132-1.252
Cyclohexane	10.41	10.46	0.995	ok	0.996	0.936-1.056
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	9.47	8.63	1.097	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.92	10.46	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.17	10.46	1.068	ok	1.066	1.006-1.126
Dichlorodifluoromethane	4.03	8.63	0.467	ok	0.467	0.407-0.527
Dibromochloromethane	13.35	14.71	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.47	8.63	0.866	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	11.96	10.46	1.143	ok	1.143	1.083-1.203
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	12.47	10.46	1.192	ok	1.191	1.131-1.251
Ethanol	5.11	8.63	0.592	ok	0.591	0.531-0.651
Ethylbenzene	15.13	14.71	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.67	8.63	1.005	ok	1.003	0.943-1.063
4-Ethyltoluene	17.20	14.71	1.169	ok	1.170	1.110-1.230
Freon 113	6.80	8.63	0.788	ok	0.787	0.727-0.847
Freon 114	4.30	8.63	0.498	ok	0.497	0.437-0.557
Heptane	11.41	10.46	1.091	ok	1.090	1.030-1.150
Hexachlorobutadiene	20.79	14.71	1.413	ok	1.414	1.354-1.474
Hexane	8.67	8.63	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65924
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	
MSQ208-IC208	Q3873.D	07/02/07 13:10	PB	40	GCMSQ	TO-15	
MSQ208-IC208	Q3874.D	07/02/07 13:53	PB	20	GCMSQ	TO-15	
MSQ208-IC208	Q3875.D	07/02/07 14:37	PB	10	GCMSQ	TO-15	
MSQ208-ICC208	Q3876.D	07/02/07 15:20	PB	5	GCMSQ	TO-15	
MSQ208-IC208	Q3877.D	07/02/07 16:06	PB	.5	GCMSQ	TO-15	Reporting this level
MSQ208-IC208	Q3878.D	07/02/07 16:48	PB	.2	GCMSQ	TO-15	
MSQ208-IC208	Q3880.D	07/02/07 18:13	PB	2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.17	14.71	0.895	ok	0.895	0.835-0.955
Isopropylbenzene	16.47	14.71	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.85	8.63	0.678	ok	0.675	0.615-0.735
Methylene chloride	6.54	8.63	0.758	ok	0.757	0.697-0.817
Methyl ethyl ketone	8.04	8.63	0.932	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.99	10.46	1.146	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.72	8.63	0.895	ok	0.893	0.833-0.953
Nonane	16.02	14.71	1.089	ok	1.090	1.030-1.150
Pentane	6.13	8.63	0.710	ok	0.711	0.651-0.771
Propylene	3.96	8.63	0.459	ok	0.459	0.399-0.519
Styrene	15.71	14.71	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.72	8.63	1.126	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	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.31	14.71	1.381	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.75	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	1.067	1.007-1.127
Tertiary Butyl Alcohol	6.46	8.63	0.749	ok	0.746	0.686-0.806
Tetrachloroethylene	14.06	14.71	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.17	8.63	1.063	ok	1.060	1.000-1.120
Toluene	12.92	10.46	1.235	ok	1.235	1.175-1.295
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	7.79	8.63	0.903	ok	0.902	0.842-0.962
m,p-Xylene	15.30	14.71	1.040	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	8.63	8.30-8.96	112468	ok	121108	72665-169551
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	495995	ok	562415	337449-787381
Chlorobenzene-D5	14.71	ok	14.71	14.38-15.04	390409	ok	470384	282230-658538

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65924
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	
MSQ208-IC208	Q3873.D	07/02/07 13:10	PB	40	GCMSQ	TO-15	
MSQ208-IC208	Q3874.D	07/02/07 13:53	PB	20	GCMSQ	TO-15	
MSQ208-IC208	Q3875.D	07/02/07 14:37	PB	10	GCMSQ	TO-15	
MSQ208-ICC208	Q3876.D	07/02/07 15:20	PB	5	GCMSQ	TO-15	
MSQ208-IC208	Q3877.D	07/02/07 16:06	PB	.5	GCMSQ	TO-15	
MSQ208-IC208	Q3878.D	07/02/07 16:48	PB	.2	GCMSQ	TO-15	Reporting this level
MSQ208-IC208	Q3880.D	07/02/07 18:13	PB	2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.61	8.64	0.649	ok	0.649	0.589-0.709
1,3-Butadiene	4.54	8.64	0.525	ok	0.528	0.468-0.588
Benzene	10.16	10.46	0.971	ok	0.970	0.910-1.030
Bromodichloromethane	11.10	10.46	1.061	ok	1.062	1.002-1.122
Bromoform	15.42	14.70	1.049	ok	1.049	0.989-1.109
Bromomethane	4.84	8.64	0.560	ok	0.560	0.500-0.620
Bromoethene	5.36	8.64	0.620	ok	0.622	0.562-0.682
Benzyl Chloride	17.91	14.70	1.218	ok	1.218	1.158-1.278
Carbon disulfide	6.86	8.64	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.75	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.64	0.580	ok	0.580	0.520-0.640
Chloroform	8.75	8.64	1.013	ok	1.014	0.954-1.074
Chloromethane	4.19	8.64	0.485	ok	0.486	0.426-0.546
3-Chloropropene	6.67	8.64	0.772	ok	0.771	0.711-0.831
2-Chlorotoluene	17.02	14.70	1.158	ok	1.157	1.097-1.217
Carbon tetrachloride	10.29	8.64	1.191	ok	1.192	1.132-1.252
Cyclohexane	10.41	10.46	0.995	ok	0.996	0.936-1.056
1,1-Dichloroethane	7.67	8.64	0.888	ok	0.887	0.827-0.947
1,1-Dichloroethylene	6.41	8.64	0.742	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	9.46	8.64	1.095	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.91	10.46	1.043	ok	1.044	0.984-1.104
1,4-Dioxane	11.17	10.46	1.068	ok	1.066	1.006-1.126
Dichlorodifluoromethane	4.04	8.64	0.468	ok	0.467	0.407-0.527
Dibromochloromethane	13.35	14.70	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.47	8.64	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.48	8.64	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.96	10.46	1.143	ok	1.143	1.083-1.203
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	10.46	1.191	ok	1.191	1.131-1.251
Ethanol	5.11	8.64	0.591	ok	0.591	0.531-0.651
Ethylbenzene	15.13	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.66	8.64	1.002	ok	1.003	0.943-1.063
4-Ethyltoluene	17.21	14.70	1.171	ok	1.170	1.110-1.230
Freon 113	6.80	8.64	0.787	ok	0.787	0.727-0.847
Freon 114	4.29	8.64	0.497	ok	0.497	0.437-0.557
Heptane	11.40	10.46	1.090	ok	1.090	1.030-1.150
Hexachlorobutadiene	20.80	14.70	1.415	ok	1.414	1.354-1.474
Hexane	8.66	8.64	1.002	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65924
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	
MSQ208-IC208	Q3873.D	07/02/07 13:10	PB	40	GCMSQ	TO-15	
MSQ208-IC208	Q3874.D	07/02/07 13:53	PB	20	GCMSQ	TO-15	
MSQ208-IC208	Q3875.D	07/02/07 14:37	PB	10	GCMSQ	TO-15	
MSQ208-ICC208	Q3876.D	07/02/07 15:20	PB	5	GCMSQ	TO-15	
MSQ208-IC208	Q3877.D	07/02/07 16:06	PB	.5	GCMSQ	TO-15	
MSQ208-IC208	Q3878.D	07/02/07 16:48	PB	.2	GCMSQ	TO-15	Reporting this level
MSQ208-IC208	Q3880.D	07/02/07 18:13	PB	2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.17	14.70	0.896	ok	0.895	0.835-0.955
Isopropylbenzene	16.46	14.70	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.85	8.64	0.677	ok	0.675	0.615-0.735
Methylene chloride	6.54	8.64	0.757	ok	0.757	0.697-0.817
Methyl ethyl ketone	8.04	8.64	0.931	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	12.01	10.46	1.148	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.73	8.64	0.895	ok	0.893	0.833-0.953
Nonane	16.03	14.70	1.090	ok	1.090	1.030-1.150
Pentane	6.13	8.64	0.709	ok	0.711	0.651-0.771
Propylene	3.96	8.64	0.458	ok	0.459	0.399-0.519
Styrene	15.70	14.70	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	14.70	1.076	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.66	10.46	1.210	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.32	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	11.17	10.46	1.068	ok	1.067	1.007-1.127
Tertiary Butyl Alcohol	6.47	8.64	0.749	ok	0.746	0.686-0.806
Tetrachloroethylene	14.05	14.70	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.18	8.64	1.062	ok	1.060	1.000-1.120
Toluene	12.92	10.46	1.235	ok	1.235	1.175-1.295
Trichloroethylene	11.15	10.46	1.066	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.79	8.64	0.670	ok	0.670	0.610-0.730
Vinyl chloride	4.41	8.64	0.510	ok	0.512	0.452-0.572
Vinyl Acetate	7.78	8.64	0.900	ok	0.902	0.842-0.962
m,p-Xylene	15.32	14.70	1.042	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	8.64	ok	8.63	8.30-8.96	122086	ok	121108	72665-169551
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	564487	ok	562415	337449-787381
Chlorobenzene-D5	14.70	ok	14.71	14.38-15.04	448734	ok	470384	282230-658538

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65924
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	
MSQ208-IC208	Q3873.D	07/02/07 13:10	PB	40	GCMSQ	TO-15	
MSQ208-IC208	Q3874.D	07/02/07 13:53	PB	20	GCMSQ	TO-15	
MSQ208-IC208	Q3875.D	07/02/07 14:37	PB	10	GCMSQ	TO-15	
MSQ208-ICC208	Q3876.D	07/02/07 15:20	PB	5	GCMSQ	TO-15	
MSQ208-IC208	Q3877.D	07/02/07 16:06	PB	.5	GCMSQ	TO-15	
MSQ208-IC208	Q3878.D	07/02/07 16:48	PB	.2	GCMSQ	TO-15	
MSQ208-IC208	Q3880.D	07/02/07 18:13	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	5.61	8.63	0.650	ok	0.649	0.589-0.709
1,3-Butadiene	4.56	8.63	0.528	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	15.43	14.70	1.050	ok	1.049	0.989-1.109
Bromomethane	4.85	8.63	0.562	ok	0.560	0.500-0.620
Bromoethene	5.37	8.63	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.92	14.70	1.219	ok	1.218	1.158-1.278
Carbon disulfide	6.86	8.63	0.795	ok	0.794	0.734-0.854
Chlorobenzene	14.75	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	5.00	8.63	0.579	ok	0.580	0.520-0.640
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	6.66	8.63	0.772	ok	0.771	0.711-0.831
2-Chlorotoluene	17.02	14.70	1.158	ok	1.157	1.097-1.217
Carbon tetrachloride	10.29	8.63	1.192	ok	1.192	1.132-1.252
Cyclohexane	10.42	10.46	0.996	ok	0.996	0.936-1.056
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	14.70	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	10.92	10.46	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.15	10.46	1.066	ok	1.066	1.006-1.126
Dichlorodifluoromethane	4.04	8.63	0.468	ok	0.467	0.407-0.527
Dibromochloromethane	13.35	14.70	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.47	8.63	0.866	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	11.96	10.46	1.143	ok	1.143	1.083-1.203
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	12.47	10.46	1.192	ok	1.191	1.131-1.251
Ethanol	5.11	8.63	0.592	ok	0.591	0.531-0.651
Ethylbenzene	15.13	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.67	8.63	1.005	ok	1.003	0.943-1.063
4-Ethyltoluene	17.21	14.70	1.171	ok	1.170	1.110-1.230
Freon 113	6.79	8.63	0.787	ok	0.787	0.727-0.847
Freon 114	4.29	8.63	0.497	ok	0.497	0.437-0.557
Heptane	11.41	10.46	1.091	ok	1.090	1.030-1.150
Hexachlorobutadiene	20.80	14.70	1.415	ok	1.414	1.354-1.474
Hexane	8.67	8.63	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65924
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	
MSQ208-IC208	Q3873.D	07/02/07 13:10	PB	40	GCMSQ	TO-15	
MSQ208-IC208	Q3874.D	07/02/07 13:53	PB	20	GCMSQ	TO-15	
MSQ208-IC208	Q3875.D	07/02/07 14:37	PB	10	GCMSQ	TO-15	
MSQ208-ICC208	Q3876.D	07/02/07 15:20	PB	5	GCMSQ	TO-15	
MSQ208-IC208	Q3877.D	07/02/07 16:06	PB	.5	GCMSQ	TO-15	
MSQ208-IC208	Q3878.D	07/02/07 16:48	PB	.2	GCMSQ	TO-15	
MSQ208-IC208	Q3880.D	07/02/07 18:13	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	13.15	14.70	0.895	ok	0.895	0.835-0.955
Isopropylbenzene	16.47	14.70	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.83	8.63	0.676	ok	0.675	0.615-0.735
Methylene chloride	6.54	8.63	0.758	ok	0.757	0.697-0.817
Methyl ethyl ketone	8.04	8.63	0.932	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	14.70	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	0.459	0.399-0.519
Styrene	15.70	14.70	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	14.70	1.076	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.64	10.46	1.208	ok	1.209	1.149-1.269
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	10.46	1.067	ok	1.067	1.007-1.127
Tertiary Butyl Alcohol	6.43	8.63	0.745	ok	0.746	0.686-0.806
Tetrachloroethylene	14.05	14.70	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.16	8.63	1.061	ok	1.060	1.000-1.120
Toluene	12.92	10.46	1.235	ok	1.235	1.175-1.295
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	7.78	8.63	0.902	ok	0.902	0.842-0.962
m,p-Xylene	15.32	14.70	1.042	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	8.63	ok	8.63	8.30-8.96	107263	ok	121108	72665-169551
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	517424	ok	562415	337449-787381
Chlorobenzene-D5	14.70	ok	14.71	14.38-15.04	418445	ok	470384	282230-658538

Volatile Surrogate Recovery Summary

Job Number: M65924
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
M65924-2	Q3894.D	83.0
M65924-2	Q3893.D	84.0
M65961-6DUP	Q3886.D	95.0
MSJ548-SCC	J10600.D	94.0
MSJ557-SCC	J10790.D	92.0
MSQ209-BS	Q3882A.D	105.0
MSQ209-MB	Q3883.D	86.0
MSJ548-BS	J10587B.D	104.0
MSJ548-MB	J10589.D	100.0
MSJ557-BS	J10768B.D	107.0
MSJ557-MB	J10769.D	94.0

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

Initial Calibration Summary

Job Number: M65924 **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: M65924 **Sample:** MSJ548-ICC548
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10584.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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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: M65924 **Sample:** MSJ548-ICC548
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10584.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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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: M65924 **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: M65924 **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: M65924 **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: M65924 **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: M65924 **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: M65924 **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: M65924 **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: M65924 **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: M65924 **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
```

Continuing Calibration Summary

Job Number: M65924 **Sample:** MSJ557-CC557
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10768A.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

```
Data File : C:\MSDCHEM\1\DATA\J10768A.D                    Vial: 1
Acq On    : 26 Jun 2007  11:20 am                     Operator: danat
Sample    : cc557-10 (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

Continuing Calibration Summary

Job Number: M65924 **Sample:** MSJ557-CC557
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10768A.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

Continuing Calibration Summary

Job Number: M65924 **Sample:** MSJ557-CC557
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10768A.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 11:55:23 2007
```

Initial Calibration Verification

Job Number: M65924 **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: M65924 **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: M65924 **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
```

Initial Calibration Summary

Job Number: M65924 **Sample:** MSQ208-ICC208
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3876.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Response Factor Report MAMSQ

Method : C:\msdchem\1\METHODS\Q070207T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Tue Jul 03 09:18:48 2007
Response via : Initial Calibration

Calibration Files
.2 =Q3878.D .5 =Q3877.D 2 =Q3880.D
5 =Q3876.D 10 =Q3875.D 20 =Q3874.D 40 =Q3873.D

Compound	.2	.5	2	5	10	20	40	Avg	%RSD
1) I BROMOCHLOROMETHANE	----------ISTD----------								
2)m DICHLORODIFLUOROM	0.878	0.837	1.139	0.721	0.805	0.969	0.686	0.862 E1	17.92
3)m PROPYLENE	1.064	0.928	1.036	0.637	0.827	0.448		0.823	29.22
4)m FREON 114	6.845	6.228	8.207	6.024	6.124	6.362	5.900	6.527	12.27
5)m CHLOROMETHANE	1.092	1.135	1.486	0.996	1.086	0.907	0.846	1.078	19.30
6)m VINYL CHLORIDE	1.507	1.506	1.940	1.367	1.398	1.421	1.210	1.478	15.35
7)m 1,3-BUTADIENE	1.700	1.561	1.496	1.222	1.289	1.313	1.172	1.393	14.00
8)m BROMOMETHANE	2.292	1.872	2.258	1.654	1.657	2.059	1.531	1.903	16.10
9)m CHLOROETHANE	0.621	0.875	0.697	0.627	0.621	0.784	0.535	0.680	16.99
10)m TRICHLOROFLUOROME	1.081	0.950	1.218	0.917	0.903	0.902	0.758	0.961 E1	15.36
11)m ISOPROPYL ALCOHOL	4.036	3.195	3.897	2.632	2.828	2.793	2.137	3.074	22.35
12)m ACETONE	8.340	6.730	3.711	2.925	2.955	2.757	2.174	4.227	55.59
----- Quadratic regression ----- Coefficient = 0.9993									
Response Ratio = 0.09139 + 3.17008 *A + -0.25347 *A^2									
13)m PENTANE	2.471	1.510	2.592	1.435	1.443	1.687	1.372	1.787	29.06
14)m 1,1-DICHLOROETHYL	1.827	1.902	2.755	1.683	1.711	1.878	1.655	1.916	19.97
15)m CARBON DISULFIDE	6.684	6.470	8.724	5.091	5.069	5.695	4.591	6.046	23.26
16)m ETHANOL	0.757	0.648	0.503	0.376	0.384	0.411	0.270	0.479	35.63
----- Quadratic regression ----- Coefficient = 0.9924									
Response Ratio = -0.01139 + 0.50548 *A + -0.05747 *A^2									
17)m BROMOETHENE	1.813	1.795	2.096	1.682	1.648	1.948	1.529	1.787	10.69
18)m METHYLENE CHLORID	7.711	3.951	5.099	1.574	1.633	1.797	1.478	3.320	72.17***
Linear regr.,Force(0,0)for METHYLENE CHLORIDE***									
19)m 3-CHLOROPROPENE	2.110	2.390	2.518	1.907	2.029	2.196	1.690	2.120	13.28
20)m FREON 113	5.274	4.662	5.188	3.962	4.128	4.017	3.455	4.384	15.47
21)m TRANS-1,2-DICHLOR	2.250	2.023	2.503	1.754	1.157	1.720	1.505	1.845	24.65
22)m TERTIARY BUTYL AL	3.138	3.267	4.579	3.710	3.972	3.702	2.912	3.611	15.65
23)m METHYL TERTIARY B	3.740	3.711	4.990	3.876	3.322	4.174	3.231	3.864	15.30
24)m TETRAHYDROFURAN	0.464	0.570	0.979	0.814	0.892	0.765	0.696	0.740	24.26
25)m HEXANE		1.431	1.728	1.265	1.343	1.194	1.333	1.382	13.53
26)m VINYL ACETATE	2.912	2.872	3.793	2.200	2.320	3.261	2.795	2.879	18.83
27)m 1,1-DICHLOROETHAN	3.045	3.409	4.263	3.001	2.335	3.269	2.763	3.155	19.04
28)m METHYL ETHYL KETO	1.847	1.993	2.453	1.976	2.168	1.856	1.659	1.993	12.86
29)m cis-1,2-DICHLOROE	0.828	0.930	1.202	0.947	1.045	0.944	1.014	0.987	11.86
30)m ETHYL ACETATE	3.288	3.121	4.081	3.066	3.358	2.819	3.138	3.267	12.18
31)m CHLOROFORM	3.601	3.596	4.750	3.457	3.777	3.307	3.573	3.723	12.77
32)m 1,1,1-TRICHLOROET	3.903	4.120	5.134	3.733	4.076	3.813	4.234	4.145	11.36
33)m CARBON TETRACHLOR	5.089	4.277	6.116	4.713	5.249	4.413	5.257	5.016	12.42
34)m 1,2-DICHLOROETHAN	1.792	2.139	3.213	2.423	2.645	2.121	2.319	2.379	19.11
35) I 1,4-DIFLUOROBENZENE	----------ISTD----------								
36)m BENZENE	0.486	0.549	0.722	0.551	0.639	0.527	0.563	0.577	13.68
37)m CYCLOHEXANE	0.276	0.206	0.297	0.254	0.272	0.220	0.226	0.250	13.45
38)m TRICHLOROETHYLENE	0.348	0.325	0.457	0.350	0.417	0.337	0.478	0.387	16.04

Initial Calibration Summary

Job Number: M65924 **Sample:** MSQ208-ICC208
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3876.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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39)m 1,2-DICHLOROPROPA 0.204 0.191 0.272 0.211 0.230 0.192 0.191 0.213  13.86
40)m BROMODICHLOROMETH 0.584 0.699 0.846 0.691 0.810 0.666 0.782 0.726  12.61
41)m 2,2,4-TRIMETHYLPE 0.792 0.849 1.116 0.844 0.988 0.815 1.113 0.931  15.04
42)m 1,4-DIOXANE       0.084 0.128 0.160 0.116 0.142 0.107 0.133 0.124  19.95
43)m HEPTANE           0.175 0.281 0.355 0.283 0.343 0.288 0.343 0.295  20.93
44)m METHYL ISOBUTYL K       0.347 0.520 0.473 0.562 0.437 0.478 0.469  15.70
45)m cis-1,3-DICHLOROP 0.234 0.295 0.428 0.387 0.447 0.370 0.417 0.368  21.01
46)m TOLUENE           0.327 0.309 0.438 0.387 0.465 0.360 0.450 0.391  15.83
47)m trans-1,3-DICHLOR       0.168 0.375 0.341 0.421 0.331 0.362 0.333  26.12
48)m 1,1,2-TRICHLOROET 0.231 0.238 0.330 0.247 0.288 0.222 0.240 0.257  15.12

49) I   CHLOROBENZENE-D5      ----------------ISTD---------------------
50)m 2-HEXANONE              0.267 0.544 0.491 0.606 0.471 0.509 0.481  23.97
51)m TETRACHLOROETHYLE 0.285 0.351 0.396 0.313 0.397 0.316 0.578 0.376  26.13
52)m DIBROMOCHLOROMETH 0.537 0.626 0.915 0.718 0.872 0.684 0.952 0.758  20.75
53)m 1,2-DIBROMOETHANE 0.345 0.367 0.659 0.510 0.606 0.467 0.561 0.502  23.43
54)m CHLOROBENZENE     0.484 0.490 0.813 0.606 0.734 0.549 0.690 0.624  20.26
55)m ETHYLBENZENE      0.600 0.779 1.344 1.139 1.373 1.038 1.245 1.074  27.12
56)m m,p-XYLENE              0.248 0.470 0.407 0.477 0.361 0.465 0.405  21.96
57)m o-XYLENE                0.227 0.489 0.417 0.511 0.420 0.511 0.429  25.09
58)m STYRENE           0.167 0.160 0.560 0.559 0.703 0.590 0.657 0.485  46.56
         ----- Quadratic regression -----  Coefficient =  0.9973
              Response Ratio = -0.00369 + 0.59345 *A + 0.01543 *A^2

59)m NONANE                  0.415 0.737 0.574 0.695 0.575 0.758 0.625  20.76
60)m BROMOFORM               0.435 0.753 0.642 0.828 0.623 1.055 0.723  29.10
61)S 4-BROMOFLUOROBENZ 0.821 0.788 0.933 0.888 0.939 1.131 1.060 0.937  13.16
62)m 1,1,2,2-TETRACHLO 0.553 0.635 1.049 0.779 0.942 0.783 0.950 0.813  22.02
63)m ISOPROPYLBENZENE        0.756 1.584 1.288 1.612 1.475 1.547 1.377  23.65
64)m 2-CHLOROTOLUENE         0.513 1.155 1.027 1.298 1.281 1.234 1.085  27.39
65)m 4-ETHYLTOLUENE    0.282 0.438 1.246 1.070 1.406 1.269 1.412 1.017  45.77
         ----- Quadratic regression -----  Coefficient =  0.9986
              Response Ratio = -0.01632 + 1.22434 *A + 0.04717 *A^2

66)m 1,3,5-TRIMETHYLBE       0.604 1.348 1.160 1.406 1.166 1.423 1.184  25.92
67)m 1,2,4-TRIMETHYLBE 0.299 0.429 1.149 1.086 1.427 1.571 1.410 1.053  47.57
         ----- Quadratic regression -----  Coefficient =  0.9977
              Response Ratio = -0.11354 + 1.68178 *A + -0.05921 *A^2

68)m m-DICHLOROBENZENE 0.102 0.224 0.704 0.608 0.808 0.937 0.926 0.616  53.96
         ----- Quadratic regression -----  Coefficient =  0.9982
              Response Ratio = -0.05976 + 0.91342 *A + 0.00783 *A^2

69)m BENZYL CHLORIDE   0.131 0.181 0.748 0.756 1.037 1.150 1.060 0.723  57.55
         ----- Quadratic regression -----  Coefficient =  0.9977
              Response Ratio = -0.09021 + 1.20972 *A + -0.03066 *A^2

70)m p-DICHLOROBENZENE 0.092 0.195 0.659 0.616 0.789 0.921 0.884 0.594  55.21
         ----- Quadratic regression -----  Coefficient =  0.9979
              Response Ratio = -0.06328 + 0.92054 *A + -0.00433 *A^2

71)m o-DICHLOROBENZENE 0.169 0.210 0.610 0.547 0.754 0.842 0.829 0.566  49.33
         ----- Quadratic regression -----  Coefficient =  0.9984
              Response Ratio = -0.05431 + 0.83536 *A + 0.00263 *A^2

72)m HEXACHLOROBUTADIE 0.414 0.541 0.474 0.392 0.575 0.696 1.451 0.649  56.78
         ----- Quadratic regression -----  Coefficient =  0.9985
              Response Ratio = 0.06175 + 0.02074 *A + 0.35241 *A^2

73)m 1,2,4-TRICHLOROBE 0.063 0.086 0.239 0.230 0.340 0.420 0.580 0.280  65.67
```

Initial Calibration Summary

Job Number: M65924 **Sample:** MSQ208-ICC208
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3876.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
          ----- Quadratic regression -----  Coefficient =  0.9998
               Response Ratio = -0.01210 + 0.26493 *A + 0.07961 *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
 (***) = Fails calibration criteria;  compound not reported in assocaited samples

          Q070207T.m        Tue Jul 03 09:19:23 2007   RPT1
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5.9

5

Initial Calibration Verification

Job Number: M65924 **Sample:** MSQ208-ICV208
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3881.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Q3881.D Vial: 3
Acq On : 2 Jul 2007 6:54 pm Operator: PhilipB
Sample : ICV208-10 (M189) Inst : MAMSQ
Misc : MS13857, MSQ208,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\msdchem\1\METHODS\Q070207T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Tue Jul 03 09:24:00 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	98	0.00	8.43- 8.84
2	m	DICHLORODIFLUOROMETHAN	8.621	8.863	-2.8	108	0.00	3.83- 4.24
3	m	PROPYLENE	0.823	0.789	4.1	94	0.00	3.76- 4.17
4	m	FREON 114	6.527	7.220	-10.6	116	0.00	4.09- 4.50
5	m	CHLOROMETHANE	1.078	1.267	-17.5	115	0.00	3.99- 4.40
6	m	VINYL CHLORIDE	1.478	1.666	-12.7	117	0.00	4.21- 4.63
7	m	1,3-BUTADIENE	1.393	1.512	-8.5	115	0.00	4.35- 4.76
8	m	BROMOMETHANE	1.903	1.962	-3.1	116	0.00	4.63- 5.04
9	m	CHLOROETHANE	0.680	0.574	15.6	91	0.00	4.80- 5.21
10	m	TRICHLOROFLUOROMETHANE	9.615	9.419	2.0	103	0.00	5.58- 5.99
11	m	ISOPROPYL ALCOHOL	3.074	2.651	13.8	92	0.00	5.59- 6.06
		----------	True	Calc.	% Drift		----------	
12	m	ACETONE	10.000	7.036	29.6	73	0.00	5.38- 5.80
		----------	AvgRF	CCRF	% Dev		----------	
13	m	PENTANE	1.787	1.854	-3.7	126	0.00	5.99- 6.29
14	m	1,1-DICHLOROETHYLENE	1.916	2.026	-5.7	116	0.00	6.22- 6.63
15	m	CARBON DISULFIDE	6.046	6.637	-9.8	129	0.00	6.65- 7.06
		----------	True	Calc.	% Drift		----------	
16	m	ETHANOL	10.000	6.904	31.0#	79	0.00	4.86- 5.32
		----------	AvgRF	CCRF	% Dev		----------	
17	m	BROMOETHENE	1.787	1.684	5.8	100	0.00	5.16- 5.57
		----------	True	Calc.	% Drift		----------	
18	m	METHYLENE CHLORIDE	10.000	15.262	-52.6#	143	0.00	6.38- 6.68
		----------	AvgRF	CCRF	% Dev		----------	
19	m	3-CHLOROPROPENE	2.120	1.670	21.2	81	0.00	6.46- 6.87
20	m	FREON 113	4.384	3.520	19.7	84	0.00	6.59- 7.00
21	m	TRANS-1,2-DICHLOROETHY	1.845	1.680	8.9	143	0.00	7.26- 7.67
22	m	TERTIARY BUTYL ALCOHOL	3.611	3.208	11.2	79	0.00	6.17- 6.69
23	m	METHYL TERTIARY BUTYL	3.864	3.067	20.6	91	0.00	7.50- 7.92
24	m	TETRAHYDROFURAN	0.740	0.684	7.6	75	0.00	9.00- 9.29
25	m	HEXANE	1.382	1.241	10.2	91	0.00	8.46- 8.87
26	m	VINYL ACETATE	2.879	2.350	18.4	100	0.00	7.61- 7.96
27	m	1,1-DICHLOROETHANE	3.155	2.533	19.7	107	0.00	7.46- 7.87
28	m	METHYL ETHYL KETONE	1.993	1.596	19.9	72	0.00	7.79- 8.27
29	m	cis-1,2-DICHLOROETHYLE	0.987	0.847	14.2	80	0.00	8.26- 8.68
30	m	ETHYL ACETATE	3.267	2.695	17.5	79	0.00	8.45- 8.88

Initial Calibration Verification

Job Number: M65924 **Sample:** MSQ208-ICV208
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3881.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

31	m	CHLOROFORM	3.723	3.126	16.0	81	0.00	8.55- 8.96
32	m	1,1,1-TRICHLOROETHANE	4.145	3.382	18.4	82	0.00	9.50- 9.91
33	m	CARBON TETRACHLORIDE	5.016	4.361	13.1	82	0.00	10.09-10.50
34	m	1,2-DICHLOROETHANE	2.379	1.941	18.4	72	0.00	9.26- 9.67
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	105	0.00	10.25-10.67
36	m	BENZENE	0.577	0.460	20.3	76	0.00	9.94-10.35
37	m	CYCLOHEXANE	0.250	0.219	12.4	85	0.00	10.21-10.62
38	m	TRICHLOROETHYLENE	0.387	0.315	18.6	79	0.00	10.99-11.30
39	m	1,2-DICHLOROPROPANE	0.213	0.174	18.3	80	0.00	10.72-11.13
40	m	BROMODICHLOROMETHANE	0.726	0.597	17.8	78	0.00	10.95-11.26
41	m	2,2,4-TRIMETHYLPENTANE	0.931	0.796	14.5	85	0.00	10.96-11.37
42	m	1,4-DIOXANE	0.124	0.096	22.6	71	0.00	10.87-11.40
43	m	HEPTANE	0.295	0.283	4.1	87	0.00	11.25-11.56
44	m	METHYL ISOBUTYL KETONE	0.469	0.400	14.7	75	0.00	11.76-12.20
45	m	cis-1,3-DICHLOROPROPEN	0.368	0.310	15.8	73	0.00	11.76-12.17
46	m	TOLUENE	0.391	0.326	16.6	74	0.00	12.72-13.13
47	m	trans-1,3-DICHLOROPROP	0.333	0.253	24.0	63	0.00	12.31-12.62
48	m	1,1,2-TRICHLOROETHANE	0.257	0.199	22.6	73	0.00	12.46-12.82
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	102	0.00	14.55-14.86
50	m	2-HEXANONE	0.481	0.414	13.9	69	0.00	12.95-13.35
51	m	TETRACHLOROETHYLENE	0.376	0.275	26.9	71	0.00	13.85-14.26
52	m	DIBROMOCHLOROMETHANE	0.758	0.622	17.9	72	0.00	13.17-13.53
53	m	1,2-DIBROMOETHANE	0.502	0.417	16.9	70	0.00	13.45-13.76
54	m	CHLOROBENZENE	0.624	0.490	21.5	68	0.00	14.59-14.90
55	m	ETHYLBENZENE	1.074	0.939	12.6	70	0.00	14.95-15.31
56	m	m,p-XYLENE	0.405	0.327	19.3	70	0.00	15.15-15.51
57	m	o-XYLENE	0.429	0.338	21.2	67	0.00	15.64-16.01
		----------	True	Calc.	% Drift		----------	
58	m	STYRENE	10.000	7.507	24.9	65	0.00	15.55-15.86
		----------	AvgRF	CCRF	% Dev		----------	
59	m	NONANE	0.625	0.531	15.0	78	0.00	15.87-16.18
60	m	BROMOFORM	0.723	0.537	25.7	66	0.00	15.27-15.58
61	S	4-BROMOFLUOROBENZENE	0.937	1.028	-9.7	111	0.00	16.17-16.48
62	m	1,1,2,2-TETRACHLOROETH	0.813	0.704	13.4	76	0.00	15.66-15.97
63	m	ISOPROPYLBENZENE	1.377	1.142	17.1	72	0.00	16.31-16.62
64	m	2-CHLOROTOLUENE	1.085	0.911	16.0	71	0.00	16.81-17.23
		----------	True	Calc.	% Drift		----------	
65	m	4-ETHYLTOLUENE	10.000	8.045	19.6	72	0.00	17.08-17.34
		----------	AvgRF	CCRF	% Dev		----------	
66	m	1,3,5-TRIMETHYLBENZENE	1.184	1.009	14.8	73	0.00	17.16-17.42
		----------	True	Calc.	% Drift		----------	
67	m	1,2,4-TRIMETHYLBENZENE	10.000	6.465	35.4#	68	0.00	17.60-17.91
68	m	m-DICHLOROBENZENE	10.000	6.227	37.7#	64	0.00	17.78-18.11
69	m	BENZYL CHLORIDE	10.000	6.044	39.6#	62	0.00	17.76-18.07
70	m	p-DICHLOROBENZENE	10.000	5.377	46.2#	55	0.00	17.90-18.13
71	m	o-DICHLOROBENZENE	10.000	6.494	35.1#	66	0.00	18.25-18.56
72	m	HEXACHLOROBUTADIENE	10.000	9.151	8.5	67	0.00	20.59-21.01
73	m	1,2,4-TRICHLOROBENZENE	10.000	5.928	40.7#	52	0.00	20.10-20.51
		----------	AvgRF	CCRF	% Dev		----------	
74	m	NAPHTHALENE		----------NA----------				
75		2-METHYLNAPHTHALENE		----------NA----------				
76		1-METHYLNAPHTHALENE		----------NA----------				

Initial Calibration Verification

Job Number: M65924 **Sample:** MSQ208-ICV208
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3881.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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   (#) = Out of Range                SPCC's out = 0  CCC's out = 0
    Q3875.D    Q070207T.m       Tue Jul 03 09:24:16 2007   RPT1
```

Continuing Calibration Summary

Job Number: M65924 **Sample:** MSQ209-CC208
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3882.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

```
Data File : C:\msdchem\1\DATA\Q3882.D                    Vial: 3
Acq On    :  2 Jul 2007   7:38 pm                   Operator: PhilipB
Sample    : CC208-10 (M189)                         Inst    : MAMSQ
Misc      : MS13877, MSQ209,,,,,1                   Multiplr: 1.00
MS Integration Params: LSCINT.P

Method       : C:\msdchem\1\METHODS\Q070207T.m (RTE Integrator)
Title        :  TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update  : Tue Jul 03 09:24:00 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	100	0.00	8.42- 8.84
2	m	DICHLORODIFLUOROMETHAN	8.621	9.710	-12.6	121	0.00	3.83- 4.24
3	m	PROPYLENE	0.823	0.900	-9.4	109	0.00	3.76- 4.17
4	m	FREON 114	6.527	7.663	-17.4	126	0.00	4.09- 4.50
5	m	CHLOROMETHANE	1.078	1.342	-24.5	124	0.00	3.99- 4.40
6	m	VINYL CHLORIDE	1.478	1.767	-19.6	127	0.00	4.21- 4.63
7	m	1,3-BUTADIENE	1.393	1.519	-9.0	118	0.00	4.34- 4.76
8	m	BROMOMETHANE	1.903	2.106	-10.7	128	0.00	4.63- 5.04
9	m	CHLOROETHANE	0.680	0.625	8.1	101	0.00	4.80- 5.21
10	m	TRICHLOROFLUOROMETHANE	9.615	10.601	-10.3	118	0.00	5.58- 5.99
11	m	ISOPROPYL ALCOHOL	3.074	2.462	19.9	87	0.00	5.58- 6.06
		----------	True	Calc.	% Drift	----------		
12	m	ACETONE	10.000	7.973	20.3	83	0.00	5.39- 5.80
		----------	AvgRF	CCRF	% Dev	----------		
13	m	PENTANE	1.787	1.803	-0.9	125	0.00	5.99- 6.30
14	m	1,1-DICHLOROETHYLENE	1.916	2.081	-8.6	122	0.00	6.22- 6.63
15	m	CARBON DISULFIDE	6.046	6.849	-13.3	136	0.00	6.65- 7.06
		----------	True	Calc.	% Drift	----------		
16	m	ETHANOL	10.000	6.929	30.7#	81	0.00	4.86- 5.33
		----------	AvgRF	CCRF	% Dev	----------		
17	m	BROMOETHENE	1.787	1.952	-9.2	119	0.00	5.16- 5.57
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	14.453	-44.5#	138	0.00	6.39- 6.69
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	2.120	1.777	16.2	88	0.00	6.45- 6.86
20	m	FREON 113	4.384	3.734	14.8	91	0.00	6.59- 7.00
21	m	TRANS-1,2-DICHLOROETHY	1.845	1.753	5.0	152	0.00	7.26- 7.67
22	m	TERTIARY BUTYL ALCOHOL	3.611	3.395	6.0	86	0.00	6.17- 6.68
23	m	METHYL TERTIARY BUTYL	3.864	3.168	18.0	96	0.00	7.50- 7.91
24	m	TETRAHYDROFURAN	0.740	0.739	0.1	83	0.00	8.99- 9.28
25	m	HEXANE	1.382	1.280	7.4	96	0.00	8.46- 8.87
26	m	VINYL ACETATE	2.879	2.454	14.8	106	0.00	7.61- 7.96
27	m	1,1-DICHLOROETHANE	3.155	2.738	13.2	118	0.00	7.46- 7.87
28	m	METHYL ETHYL KETONE	1.993	1.701	14.7	79	0.00	7.79- 8.28
29	m	cis-1,2-DICHLOROETHYLE	0.987	0.907	8.1	87	0.00	8.26- 8.67
30	m	ETHYL ACETATE	3.267	2.814	13.9	84	0.00	8.45- 8.87

Continuing Calibration Summary

Job Number: M65924 **Sample:** MSQ209-CC208
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3882.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

31	m	CHLOROFORM	3.723	3.338	10.3	89	0.00	8.55- 8.96
32	m	1,1,1-TRICHLOROETHANE	4.145	3.663	11.6	90	0.00	9.50- 9.91
33	m	CARBON TETRACHLORIDE	5.016	4.710	6.1	90	0.00	10.08-10.50
34	m	1,2-DICHLOROETHANE	2.379	2.119	10.9	80	0.00	9.25- 9.66
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	108	0.00	10.26-10.67
36	m	BENZENE	0.577	0.496	14.0	84	0.00	9.95-10.36
37	m	CYCLOHEXANE	0.250	0.232	7.2	93	0.00	10.21-10.62
38	m	TRICHLOROETHYLENE	0.387	0.340	12.1	88	0.00	10.99-11.30
39	m	1,2-DICHLOROPROPANE	0.213	0.186	12.7	88	0.00	10.72-11.13
40	m	BROMODICHLOROMETHANE	0.726	0.642	11.6	86	0.00	10.95-11.26
41	m	2,2,4-TRIMETHYLPENTANE	0.931	0.808	13.2	89	0.00	10.97-11.38
42	m	1,4-DIOXANE	0.124	0.106	14.5	80	0.00	10.87-11.40
43	m	HEPTANE	0.295	0.276	6.4	87	0.00	11.25-11.56
44	m	METHYL ISOBUTYL KETONE	0.469	0.413	11.9	80	0.00	11.76-12.20
45	m	cis-1,3-DICHLOROPROPEN	0.368	0.331	10.1	80	0.00	11.76-12.17
46	m	TOLUENE	0.391	0.348	11.0	81	0.00	12.72-13.13
47	m	trans-1,3-DICHLOROPROP	0.333	0.276	17.1	71	0.00	12.31-12.62
48	m	1,1,2-TRICHLOROETHANE	0.257	0.219	14.8	82	0.00	12.47-12.83
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	108	0.00	14.55-14.86
50	m	2-HEXANONE	0.481	0.426	11.4	76	0.00	12.95-13.35
51	m	TETRACHLOROETHYLENE	0.376	0.292	22.3	79	0.00	13.85-14.26
52	m	DIBROMOCHLOROMETHANE	0.758	0.635	16.2	78	0.00	13.17-13.53
53	m	1,2-DIBROMOETHANE	0.502	0.434	13.5	77	0.00	13.45-13.76
54	m	CHLOROBENZENE	0.624	0.519	16.8	76	0.00	14.60-14.91
55	m	ETHYLBENZENE	1.074	0.979	8.8	77	0.00	14.95-15.31
56	m	m,p-XYLENE	0.405	0.349	13.8	79	0.00	15.14-15.50
57	m	o-XYLENE	0.429	0.357	16.8	75	0.00	15.64-16.00
		----------	True	Calc.	% Drift			----------
58	m	STYRENE	10.000	7.767	22.3	71	0.00	15.55-15.86
		----------	AvgRF	CCRF	% Dev			----------
59	m	NONANE	0.625	0.554	11.4	86	0.00	15.87-16.18
60	m	BROMOFORM	0.723	0.579	19.9	75	0.00	15.27-15.58
61	S	4-BROMOFLUOROBENZENE	0.937	0.983	-4.9	113	0.00	16.17-16.48
62	m	1,1,2,2-TETRACHLOROETH	0.813	0.736	9.5	84	0.00	15.66-15.97
63	m	ISOPROPYLBENZENE	1.377	1.183	14.1	79	0.00	16.31-16.62
64	m	2-CHLOROTOLUENE	1.085	0.958	11.7	79	0.00	16.81-17.23
		----------	True	Calc.	% Drift			----------
65	m	4-ETHYLTOLUENE	10.000	8.147	18.5	77	0.00	17.07-17.34
		----------	AvgRF	CCRF	% Dev			----------
66	m	1,3,5-TRIMETHYLBENZENE	1.184	1.043	11.9	80	0.00	17.16-17.42
		----------	True	Calc.	% Drift			----------
67	m	1,2,4-TRIMETHYLBENZENE	10.000	6.957	30.4#	77	0.00	17.60-17.91
68	m	m-DICHLOROBENZENE	10.000	6.249	37.5#	68	0.00	17.78-18.11
69	m	BENZYL CHLORIDE	10.000	6.312	36.9#	69	0.00	17.76-18.07
70	m	p-DICHLOROBENZENE	10.000	6.206	37.9#	69	0.00	17.90-18.14
71	m	o-DICHLOROBENZENE	10.000	6.776	32.2#	73	0.00	18.25-18.56
72	m	HEXACHLOROBUTADIENE	10.000	9.774	2.3	78	0.00	20.59-21.00
73	m	1,2,4-TRICHLOROBENZENE	10.000	6.156	38.4#	57	0.00	20.10-20.51
		----------	AvgRF	CCRF	% Dev			----------
74	m	NAPHTHALENE		----------NA----------				
75		2-METHYLNAPHTHALENE		----------NA----------				
76		1-METHYLNAPHTHALENE		----------NA----------				

Continuing Calibration Summary

Job Number: M65924 **Sample:** MSQ209-CC208
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3882.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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   (#) = Out of Range                SPCC's out = 0  CCC's out = 0
    Q3875.D    Q070207T.m       Tue Jul 03 09:25:49 2007   RPT1
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GC/MS Volatiles

Raw Data

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3893.D
Acq On : 3 Jul 2007 5:05 pm
Operator : PhilipB
Sample : M65924-2 (M176)
Misc : MS13877, MSQ209,,,,,100
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 05 09:23:32 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.628	128	92246	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.459	114	424465	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.708	117	350011	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.327	95	138013	4.21	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 84.20%

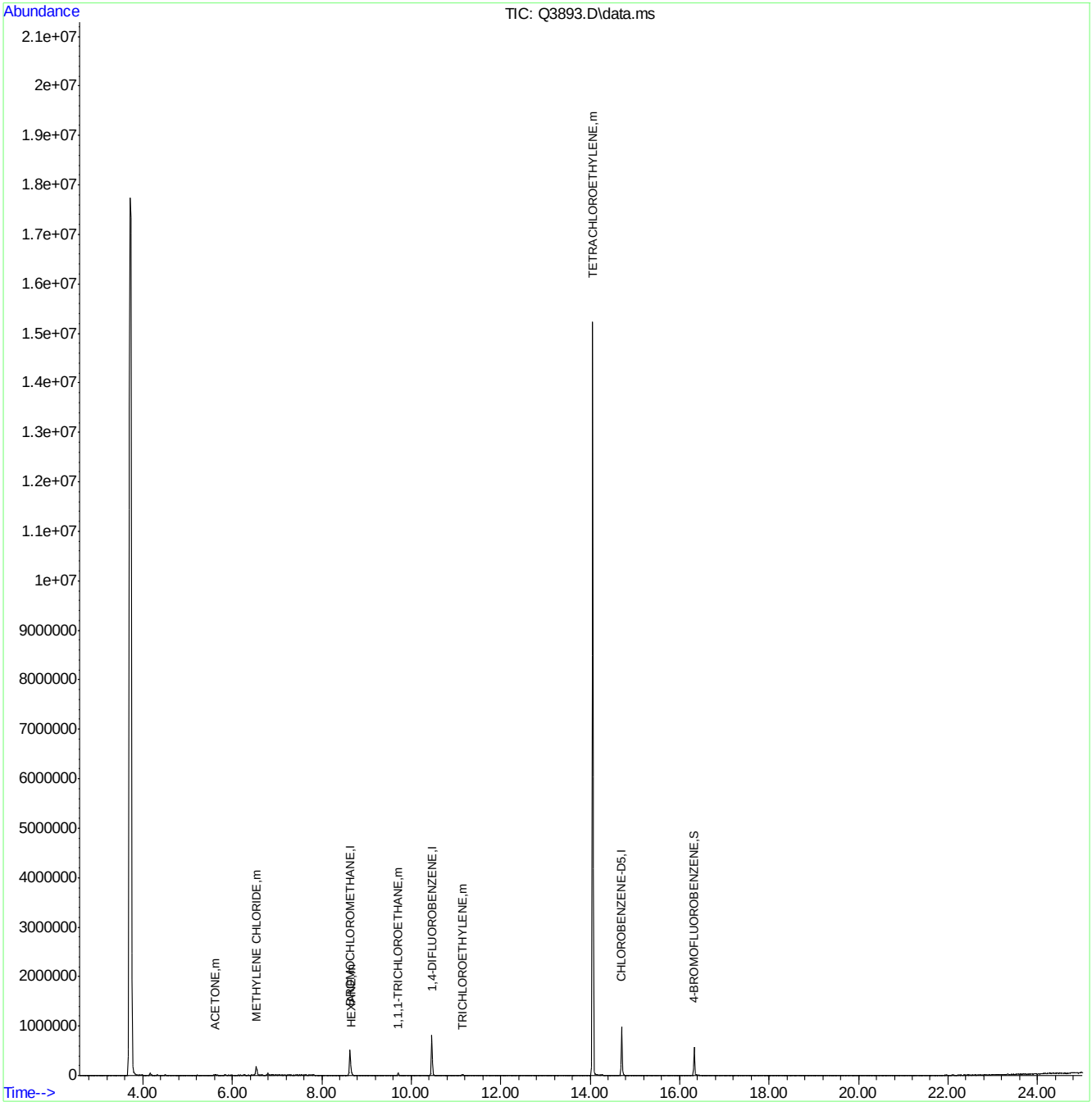
Target Compounds						Qvalue
12) ACETONE	5.609	43	23897	0.53	PPBV #	58
18) METHYLENE CHLORIDE	6.535	84	79895	5.58	PPBV	84
25) HEXANE	8.671	57	11618	0.91	PPBV #	35
32) 1,1,1-TRICHLOROETHANE	9.712	97	28097	0.73	PPBV #	85
38) TRICHLOROETHYLENE	11.139	95	5160	0.31	PPBV #	27
51) TETRACHLOROETHYLENE	14.059	164	2331347	176.92	PPBV	90

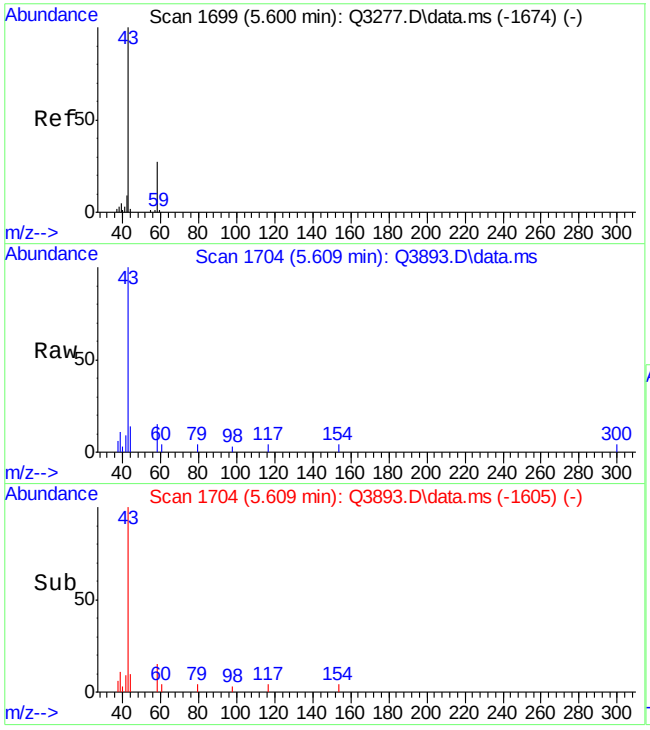
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3893.D
Acq On : 3 Jul 2007 5:05 pm
Operator : PhilipB
Sample : M65924-2 (M176)
Misc : MS13877, MSQ209,,,,,100
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 05 09:23:32 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration

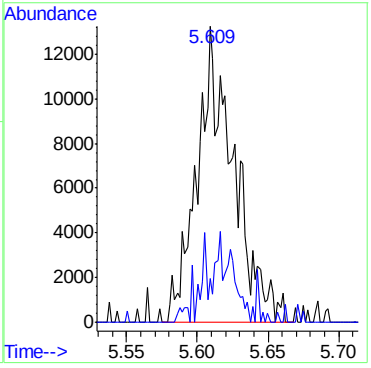


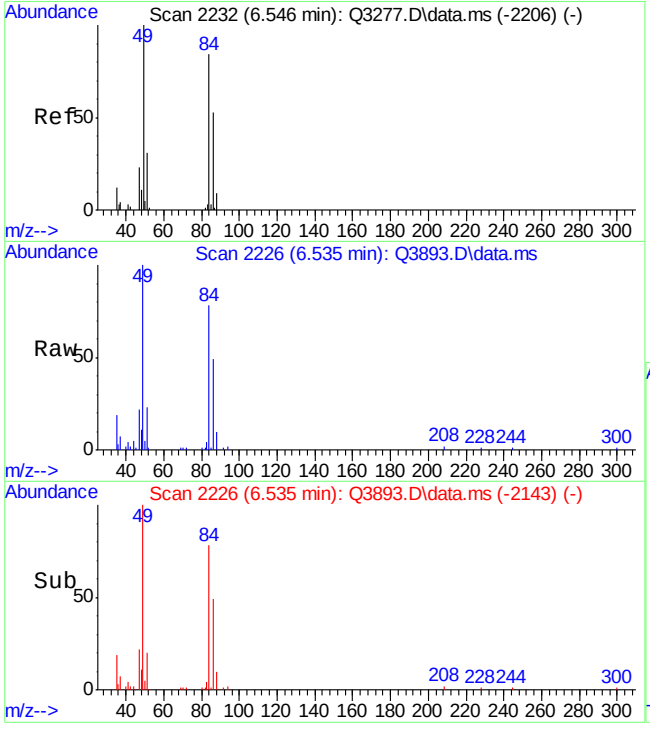


#12
ACETONE
Concen: 0.53 PPBV
RT: 5.609 min Scan# 1704
Delta R.T. 0.020 min
Lab File: Q3893.D
Acq: 3 Jul 2007 5:05 pm

Tgt Ion: 43 Resp: 23897

Ion	Ratio	Lower	Upper
43	100		
58	6.7	9.0	49.0#

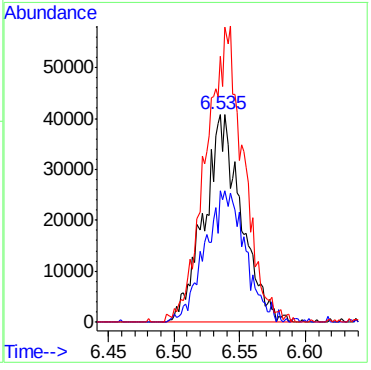


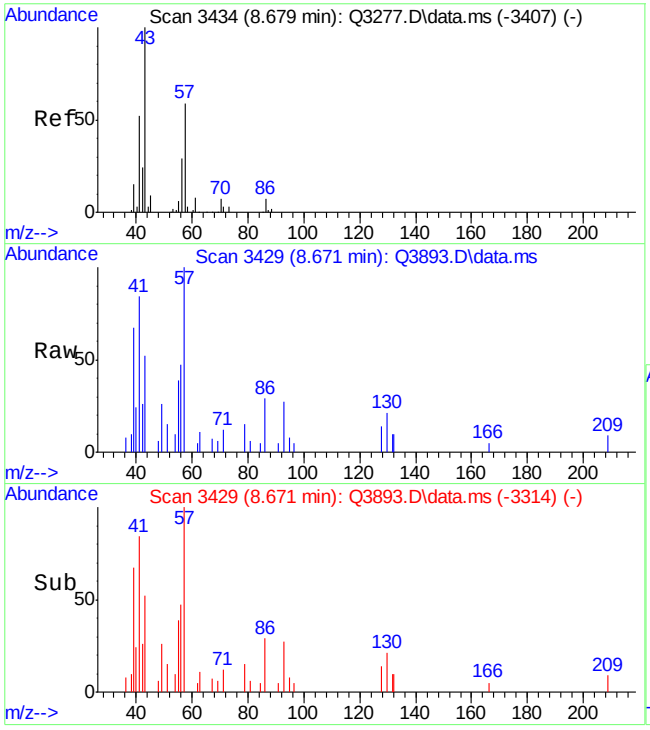


#18
METHYLENE CHLORIDE
Concen: 5.58 PPBV
RT: 6.535 min Scan# 2226
Delta R.T. -0.004 min
Lab File: Q3893.D
Acq: 3 Jul 2007 5:05 pm

Tgt Ion: 84 Resp: 79895

Ion	Ratio	Lower	Upper
84	100		
86	68.8	44.1	84.1
49	145.1	0.0	372.3

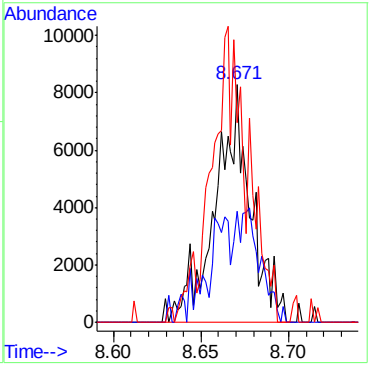


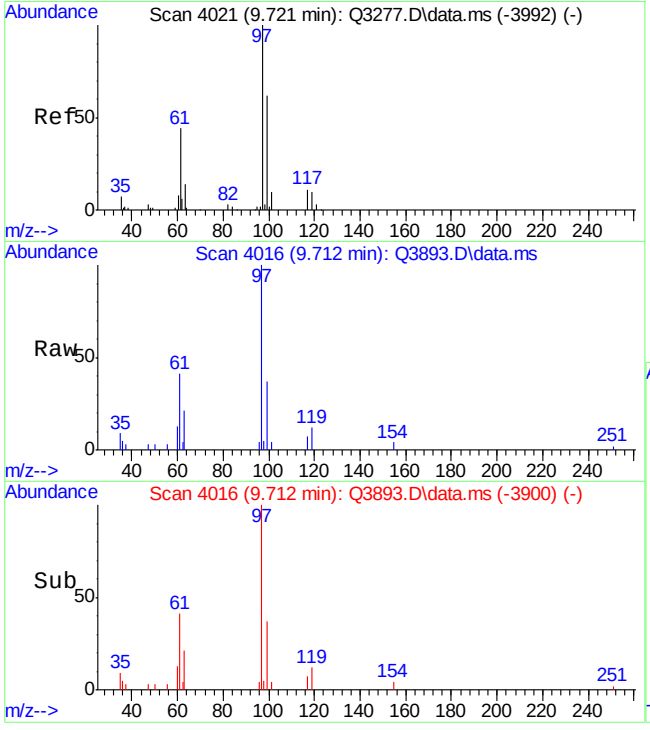


#25
HEXANE
Concen: 0.91 PPBV
RT: 8.671 min Scan# 3429
Delta R.T. -0.001 min
Lab File: Q3893.D
Acq: 3 Jul 2007 5:05 pm

Tgt Ion: 57 Resp: 11618

Ion	Ratio	Lower	Upper
57	100		
56	33.3	34.3	74.3#
41	0.0	58.9	98.9#

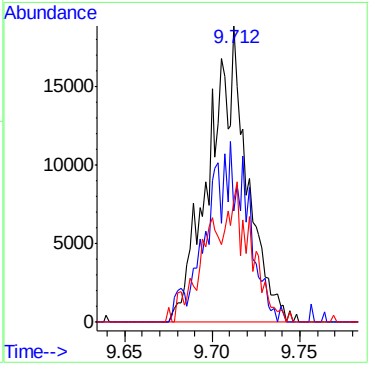


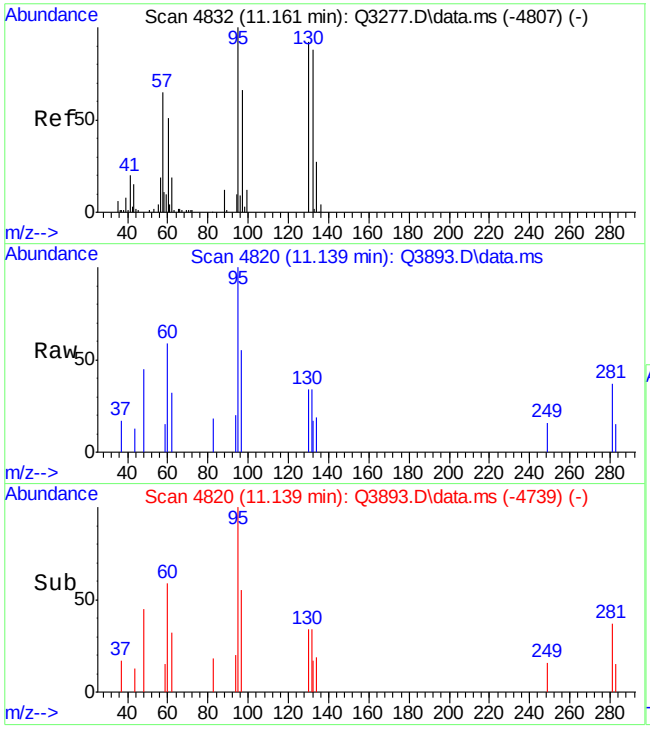


#32
1,1,1-TRICHLOROETHANE
Concen: 0.73 PPBV
RT: 9.712 min Scan# 4016
Delta R.T. -0.000 min
Lab File: Q3893.D
Acq: 3 Jul 2007 5:05 pm

Tgt Ion: 97 Resp: 28097

Ion	Ratio	Lower	Upper
97	100		
99	65.0	43.7	83.7
61	28.0	30.0	70.0#

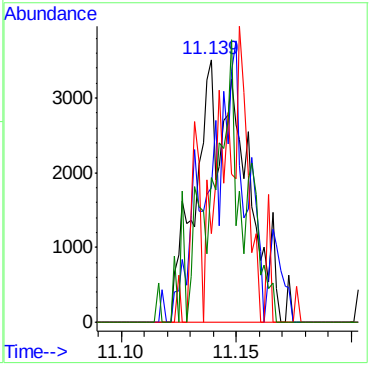


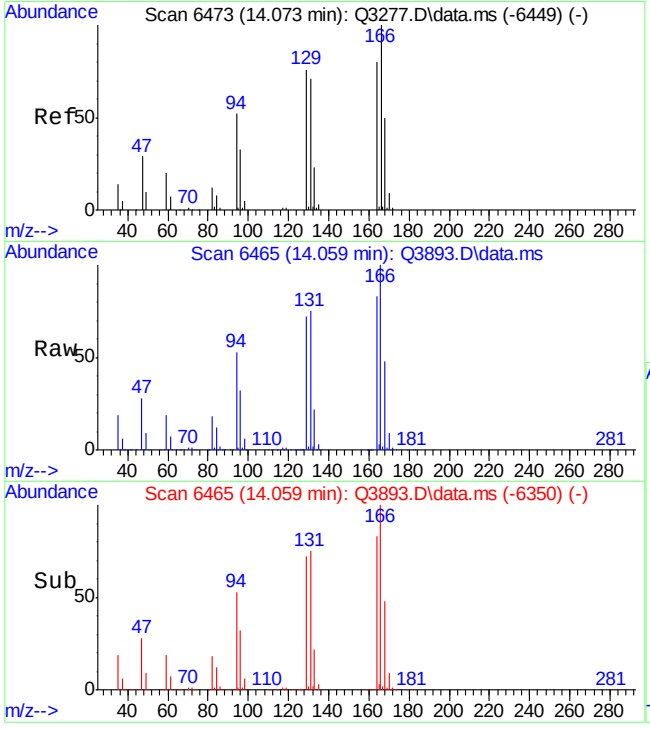


#38
TRICHLOROETHYLENE
Concen: 0.31 PPBV
RT: 11.139 min Scan# 4820
Delta R.T. -0.011 min
Lab File: Q3893.D
Acq: 3 Jul 2007 5:05 pm

Tgt Ion: 95 Resp: 5160

Ion	Ratio	Lower	Upper
95	100		
132	34.6	72.2	112.2#
130	14.3	70.6	110.6#
97	0.0	44.2	84.2#

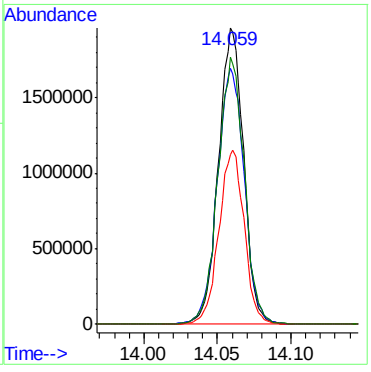




#51
TETRACHLOROETHYLENE
Concen: 176.92 PPBV
RT: 14.059 min Scan# 6465
Delta R.T. -0.002 min
Lab File: Q3893.D
Acq: 3 Jul 2007 5:05 pm

Tgt Ion:164 Resp: 2331347

Ion	Ratio	Lower	Upper
164	100		
129	93.3	87.3	127.3
168	59.3	39.5	79.5
131	94.8	88.3	128.3



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3894.D
Acq On : 3 Jul 2007 5:48 pm
Operator : PhilipB
Sample : M65924-2 (M176)
Misc : MS13877, MSQ209,,,,,1000
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 05 09:24:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration

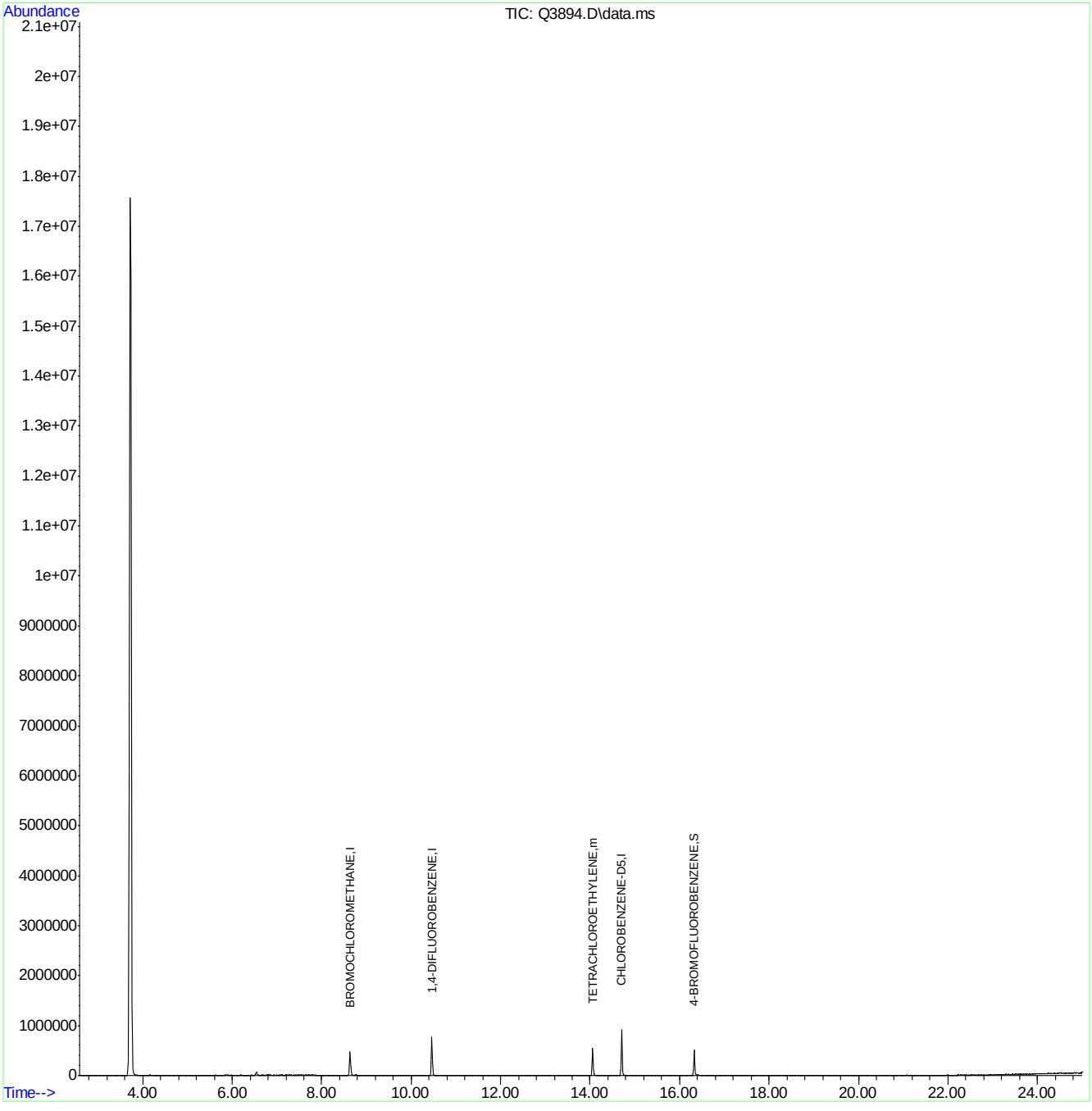
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.632	128	84071	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.463	114	392627	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.703	117	316369	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.327	95	123091	4.15	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 83.00%			
Target Compounds						Qvalue
51) TETRACHLOROETHYLENE	14.057	164	67240	5.65	PPBV	95

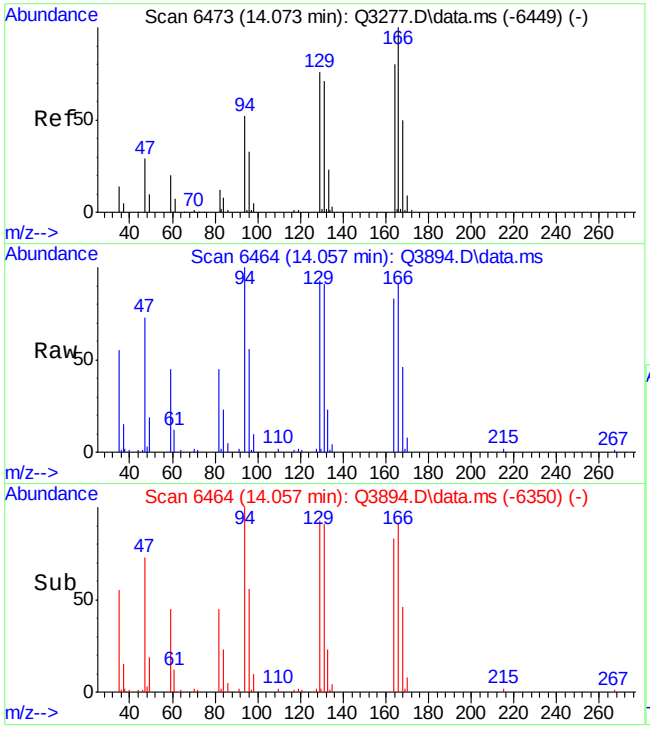
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3894.D
Acq On : 3 Jul 2007 5:48 pm
Operator : PhilipB
Sample : M65924-2 (M176)
Misc : MS13877, MSQ209,,,,,1000
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 05 09:24:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration

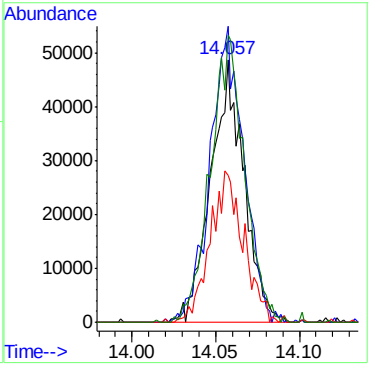




#51
TETRACHLOROETHYLENE
Concen: 5.65 PPBV
RT: 14.057 min Scan# 6464
Delta R.T. -0.004 min
Lab File: Q3894.D
Acq: 3 Jul 2007 5:48 pm

Tgt Ion:164 Resp: 67240

Ion	Ratio	Lower	Upper
164	100		
129	114.7	87.3	127.3
168	57.9	39.5	79.5
131	112.7	88.3	128.3



6.1.2

6

Manual Integrations
APPROVED
(compounds with "m" flag)
Doug Yargeau
07/03/07 12:29

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3883.D
Acq On : 2 Jul 2007 8:22 pm
Operator : PhilipB
Sample : MB (M215)
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 03 09:28:43 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.631	128	119296	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.461	114	535749	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.707	117	424909	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.325	95	171223	4.30	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 86.00%

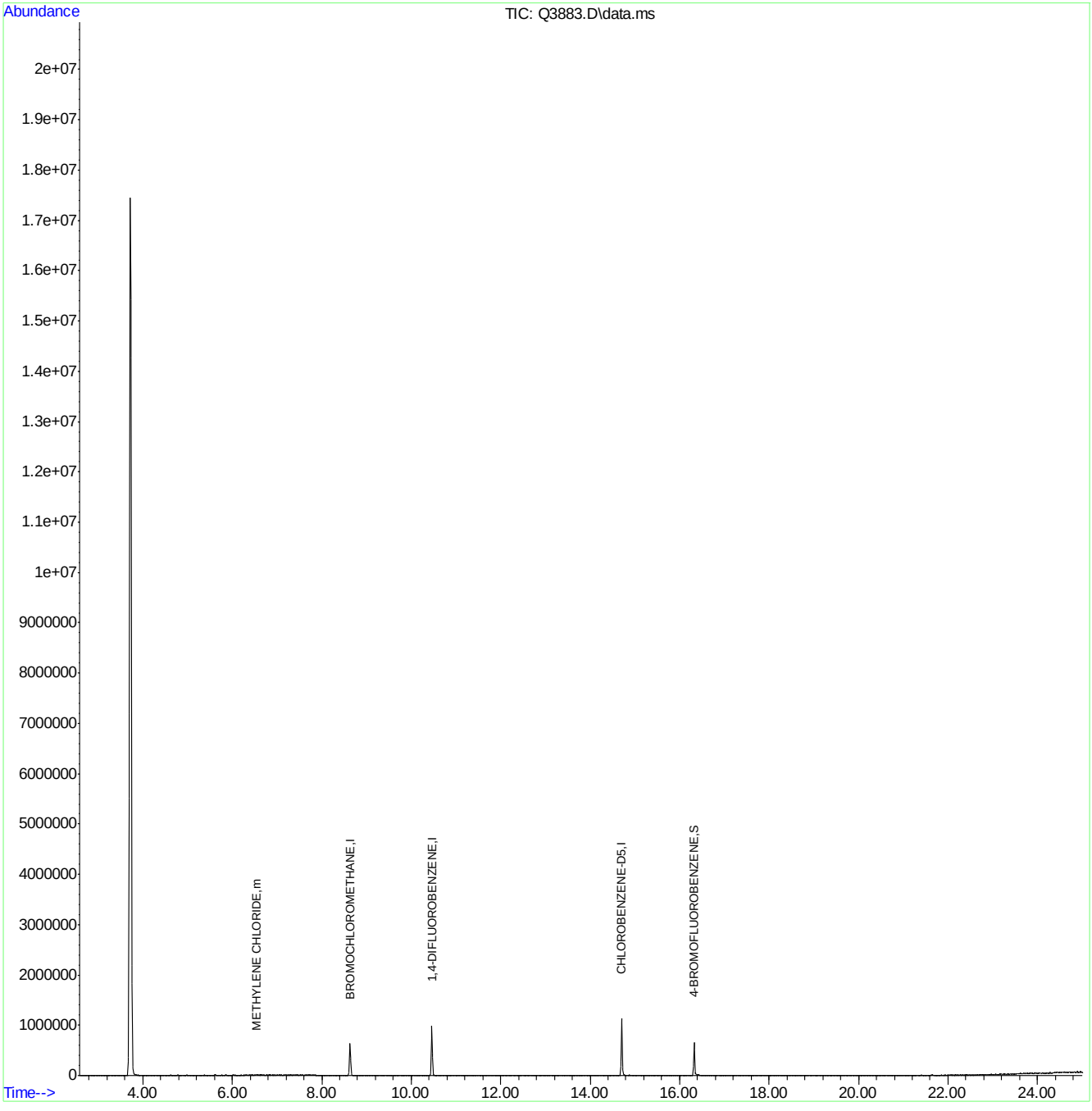
Target Compounds						Qvalue
18) METHYLENE CHLORIDE	6.548	84	6362m	0.34	PPBV	

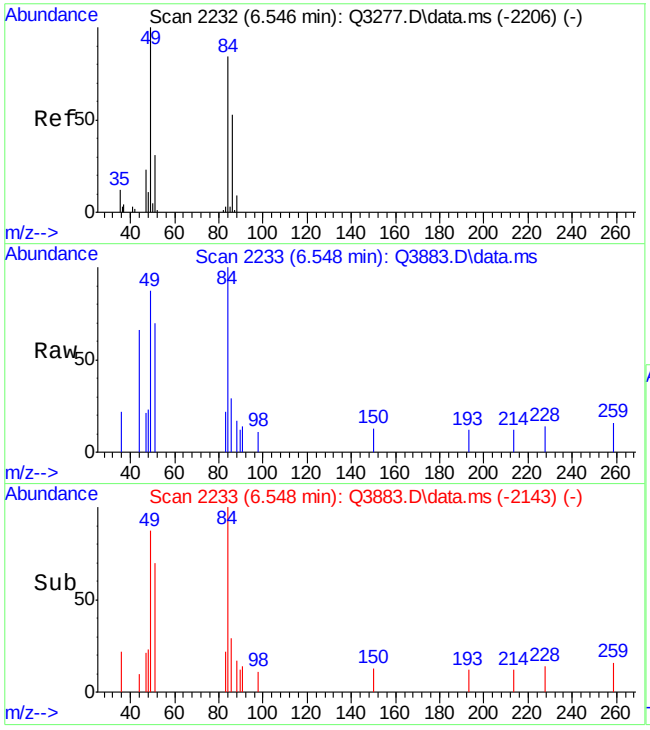
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3883.D
Acq On : 2 Jul 2007 8:22 pm
Operator : PhilipB
Sample : MB (M215)
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 03 09:28:43 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration

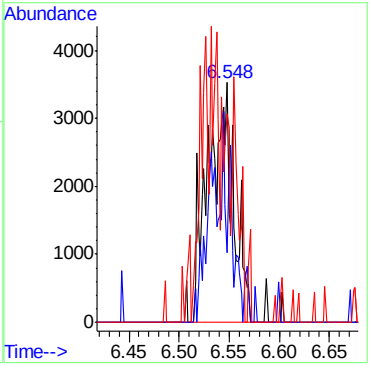




#18
METHYLENE CHLORIDE
Concen: 0.34 PPBV m
RT: 6.548 min Scan# 2233
Delta R.T. 0.009 min
Lab File: Q3883.D
Acq: 2 Jul 2007 8:22 pm

Tgt Ion: 84 Resp: 6362

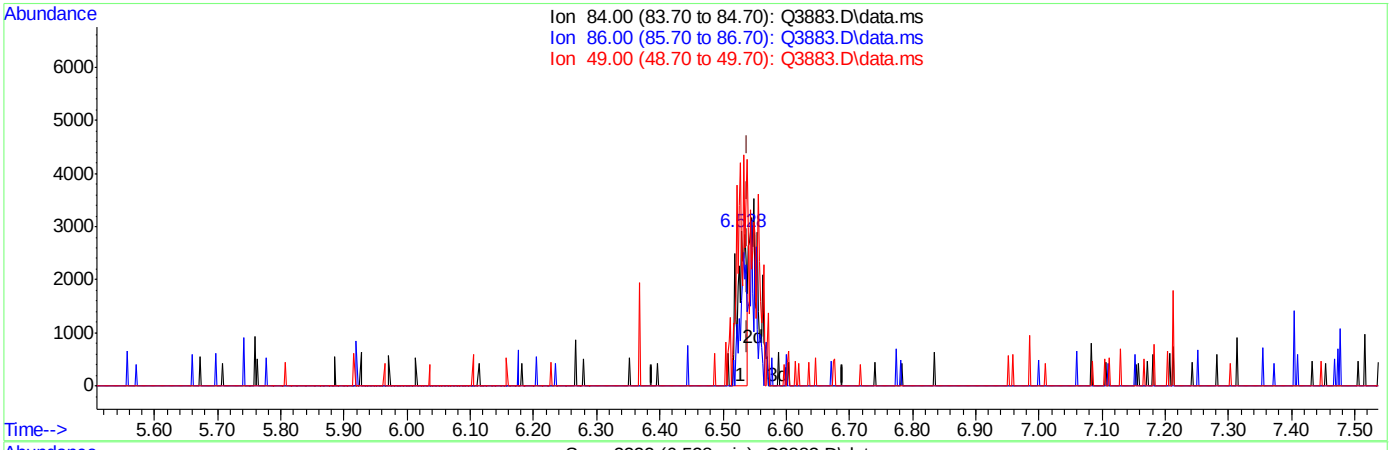
Ion	Ratio	Lower	Upper
84	100		
86	28.3	44.1	84.1#
49	43.4	0.0	372.3

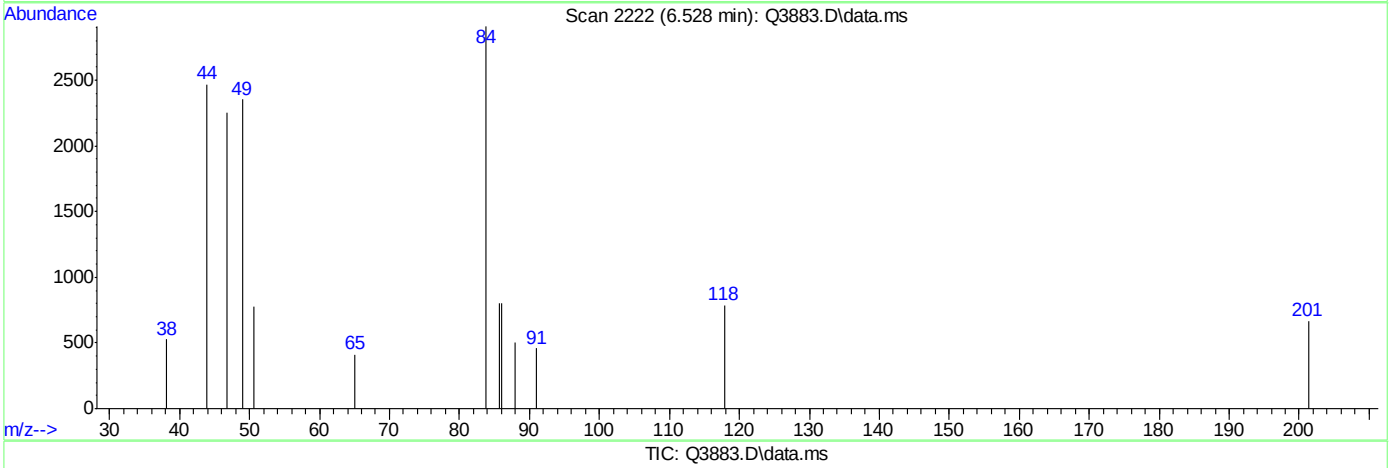


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3883.D
Acq On : 2 Jul 2007 8:22 pm
Operator : PhilipB
Sample : MB (M215)
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 03 09:28:08 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration





TIC: Q3883.D\data.ms

(18) METHYLENE CHLORIDE (m)

6.528min (-0.011) 0.15PPBV

response 2735

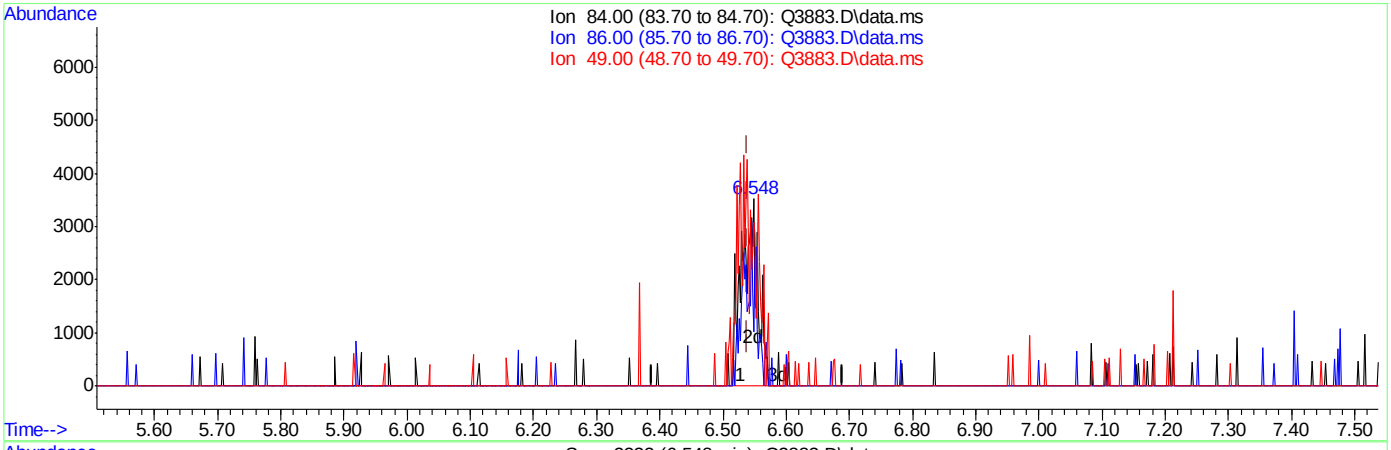
Ion	Exp%	Act%
84.00	100	100
86.00	64.10	65.74
49.00	172.30	100.88
0.00	0.00	0.00

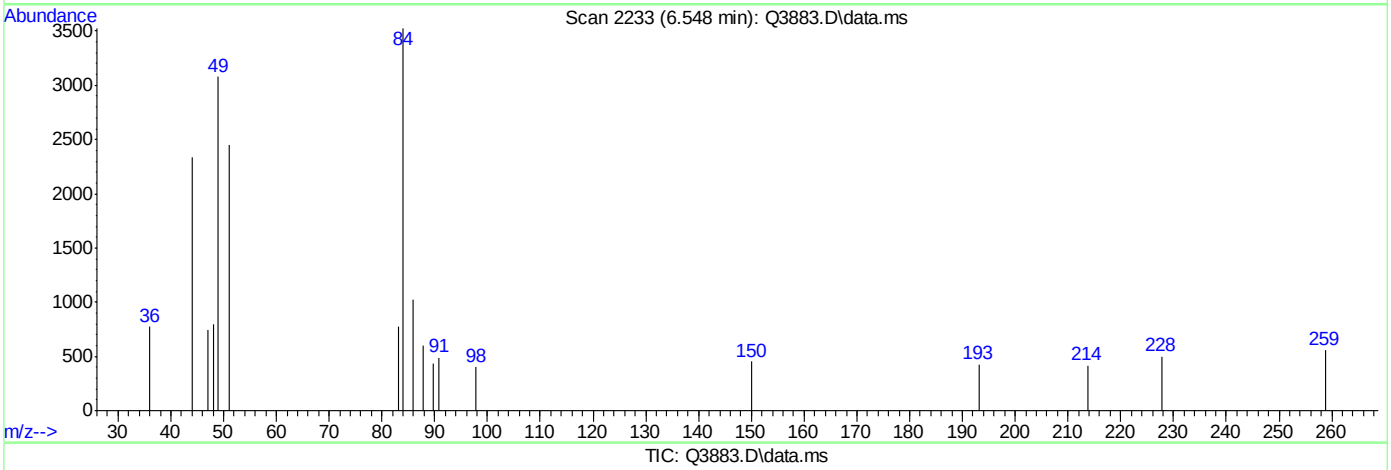
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3883.D
Acq On : 2 Jul 2007 8:22 pm
Operator : PhilipB
Sample : MB (M215)
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 03 09:28:08 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration





TIC: Q3883.D\data.ms

(18) METHYLENE CHLORIDE (m)

6.548min (+0.009) 0.34PPBV m

response 6362

Ion	Exp%	Act%
84.00	100	100
86.00	64.10	28.26#
49.00	172.30	43.37
0.00	0.00	0.00

ACCUTEST Laboratories M65924

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%

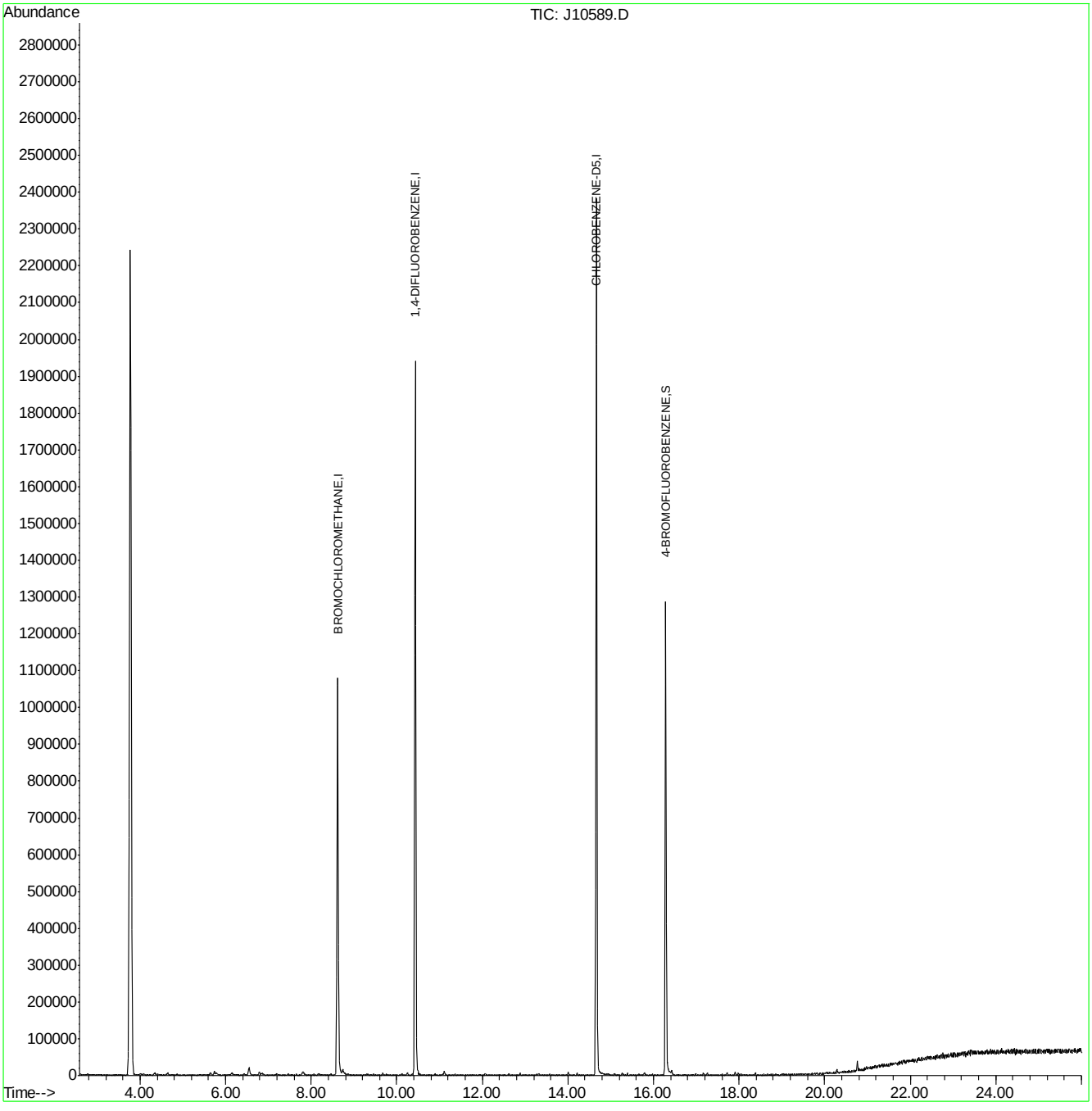
Target Compounds Qvalue

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

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

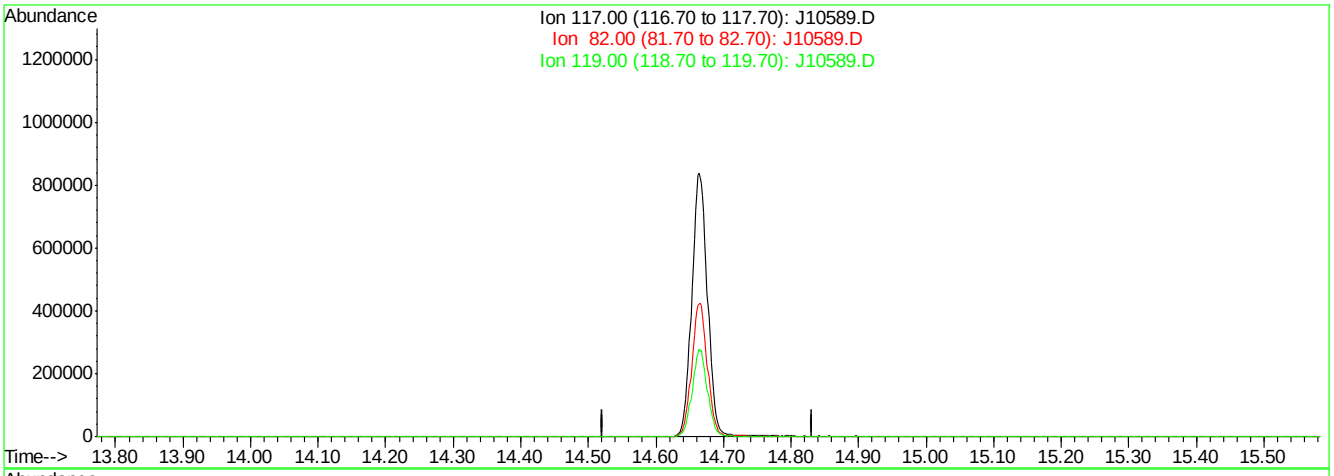


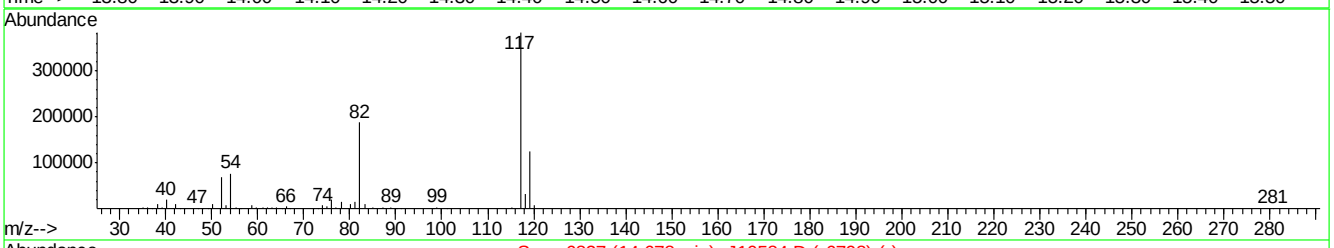
Quantitation Report (Qedit)

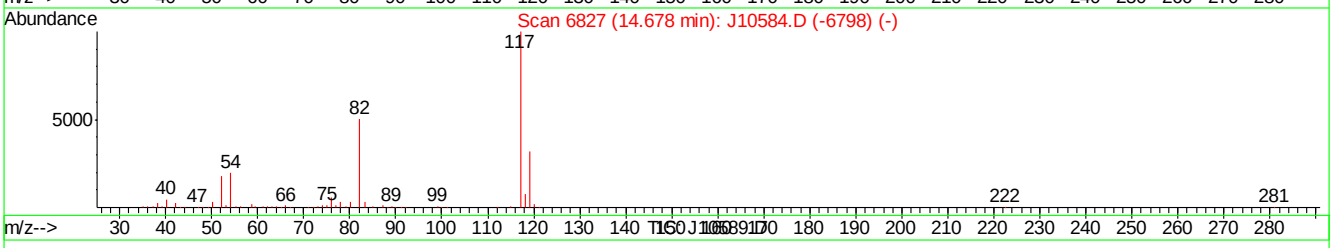
Data File : C:\MSDCHEM\1\DATA\J10589.D Vial: 4
Acq On : 7 Jun 2007 6:41 pm Operator: danat
Sample : mb (m151) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

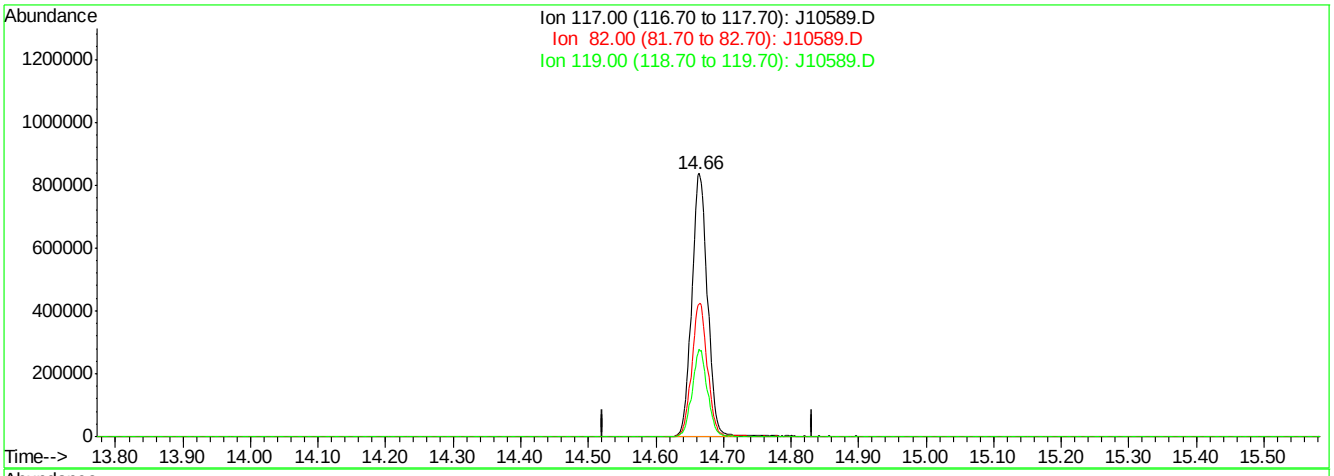
J10589.D J060707T.M Fri Jun 08 15:53:53 2007

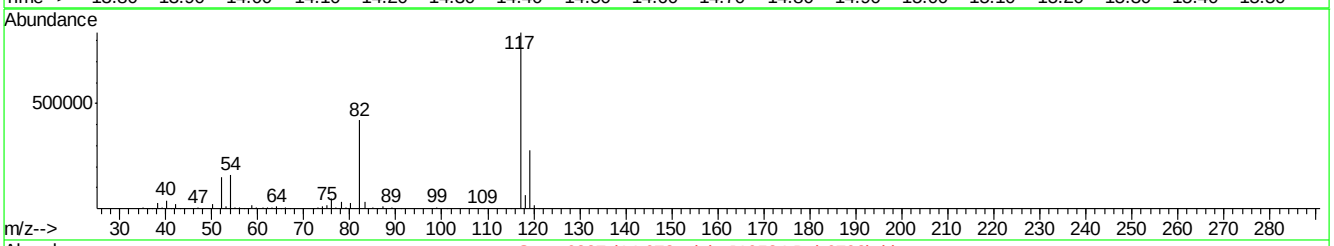
Quantitation Report (Qedit)

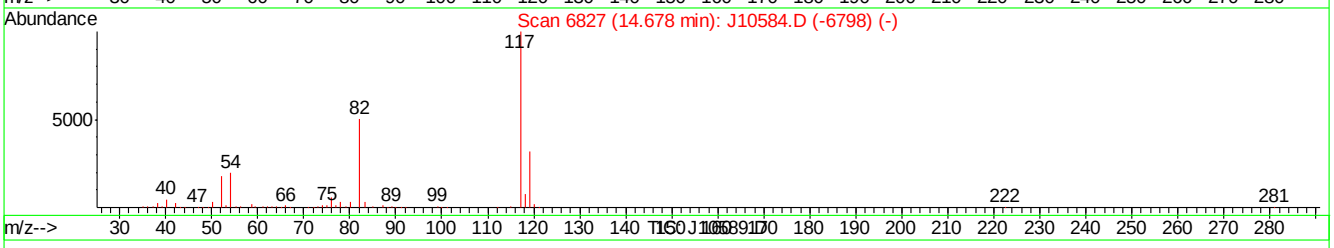
Data File : C:\MSDCHEM\1\DATA\J10589.D Vial: 4
Acq On : 7 Jun 2007 6:41 pm Operator: danat
Sample : mb (m151) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

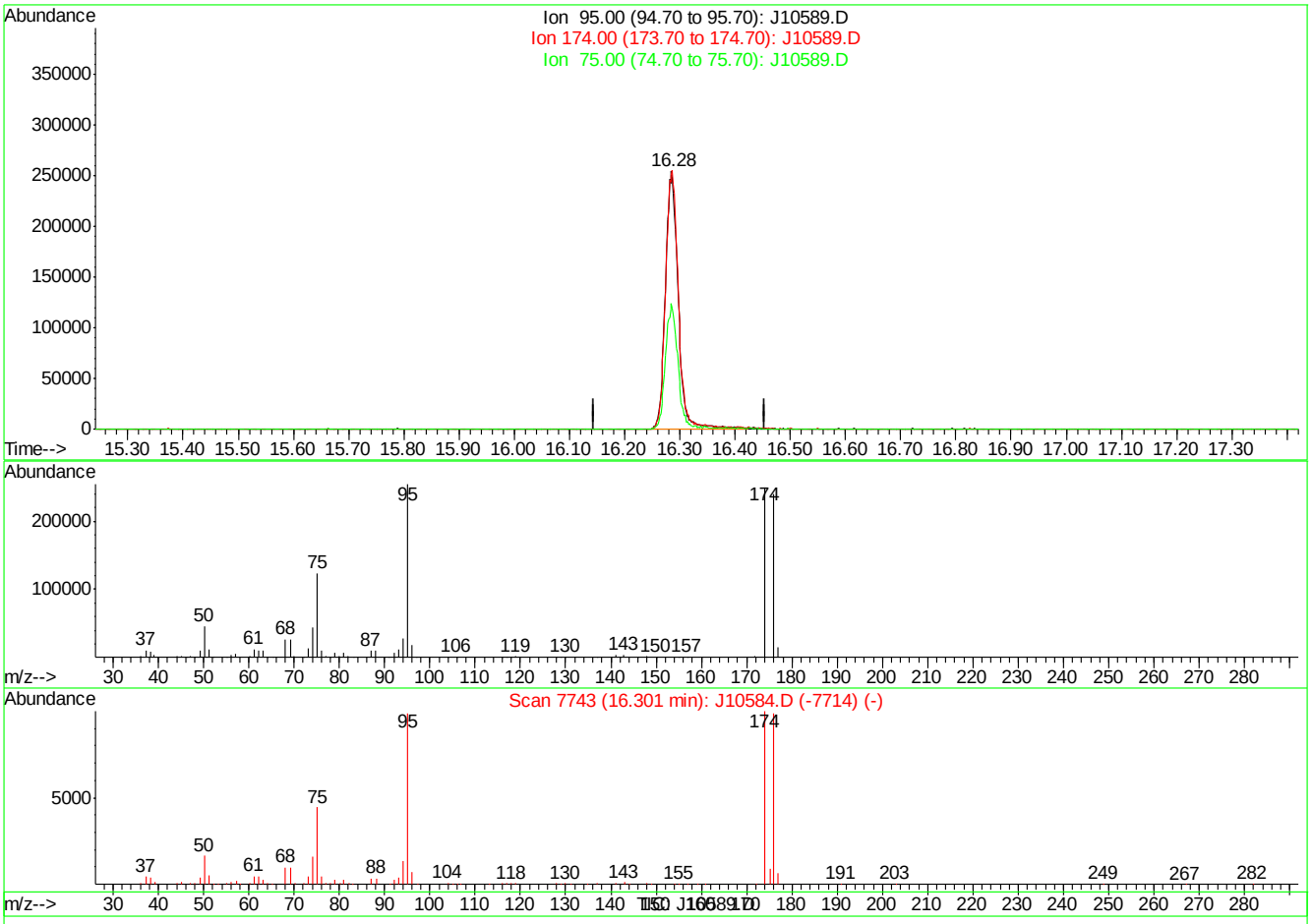
J10589.D J060707T.M Fri Jun 08 15:54:05 2007

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

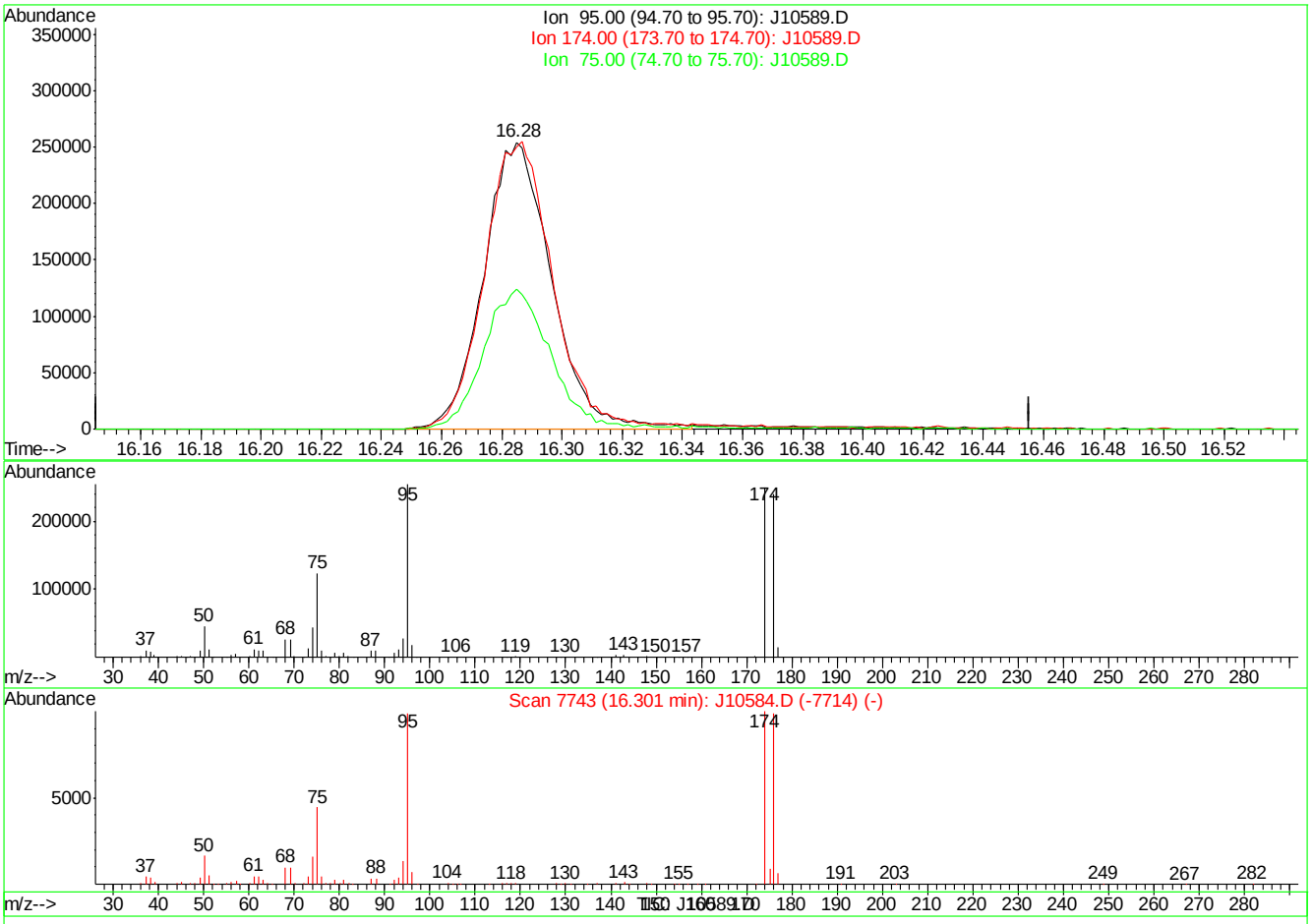
J10589.D J060707T.M Fri Jun 08 15:54:23 2007

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

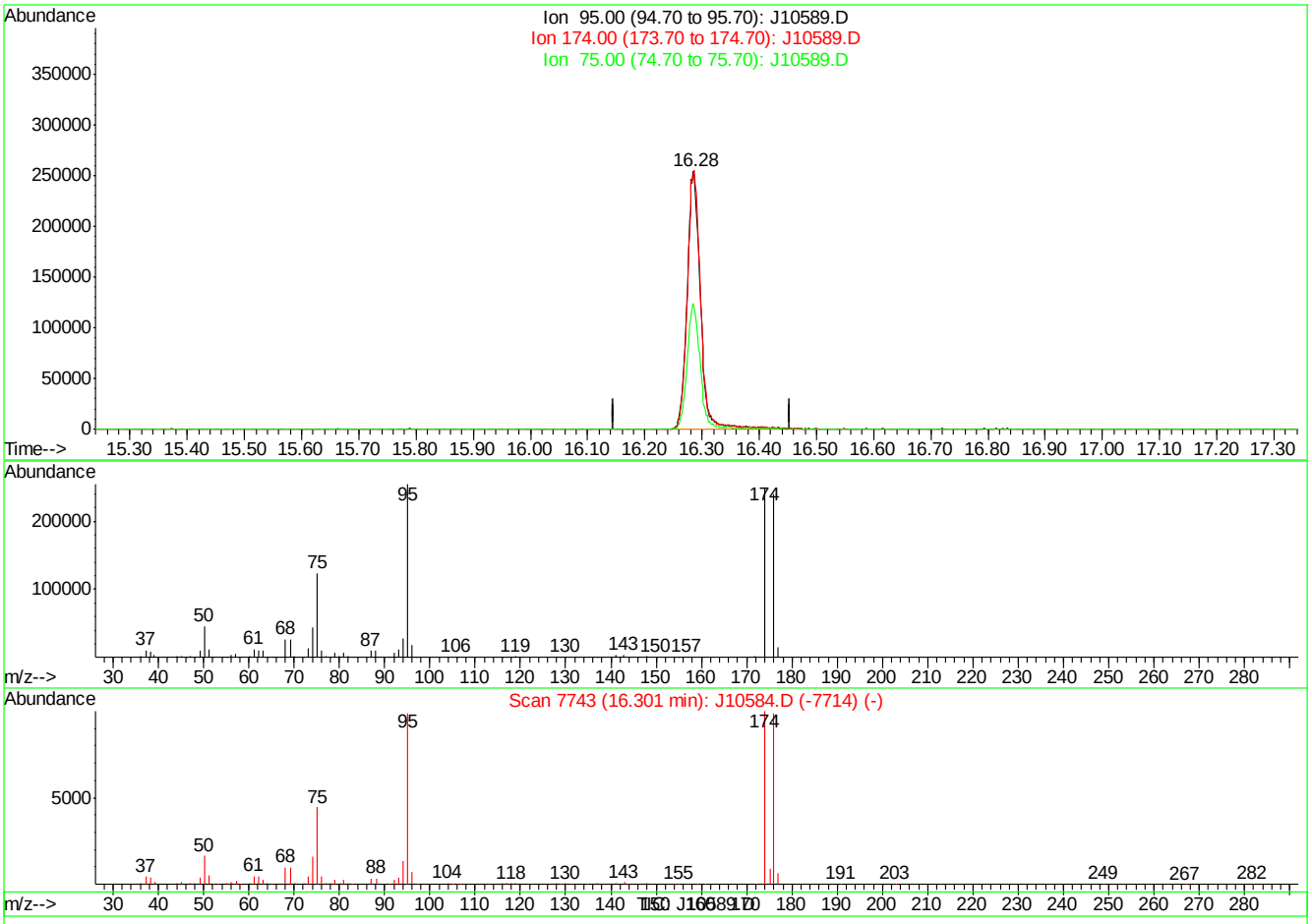
J10589.D J060707T.M Fri Jun 08 15:54:38 2007

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 : J10769.D
Acq On : 26 Jun 2007 12:12 pm
Operator : danat
Sample : mb (M050)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 26 14:11:16 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	8.59	128	401721	10.00	PPBV	-0.04
35) 1,4-DIFLUOROBENZENE	10.41	114	1634608	10.00	PPBV	-0.04
49) CHLOROBENZENE-D5	14.66	117	1502770	10.00	PPBV	-0.02

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	446330	4.70	PPBV	-0.02

Spiked Amount 5.000 Range 51 - 142 Recovery = 94.00%

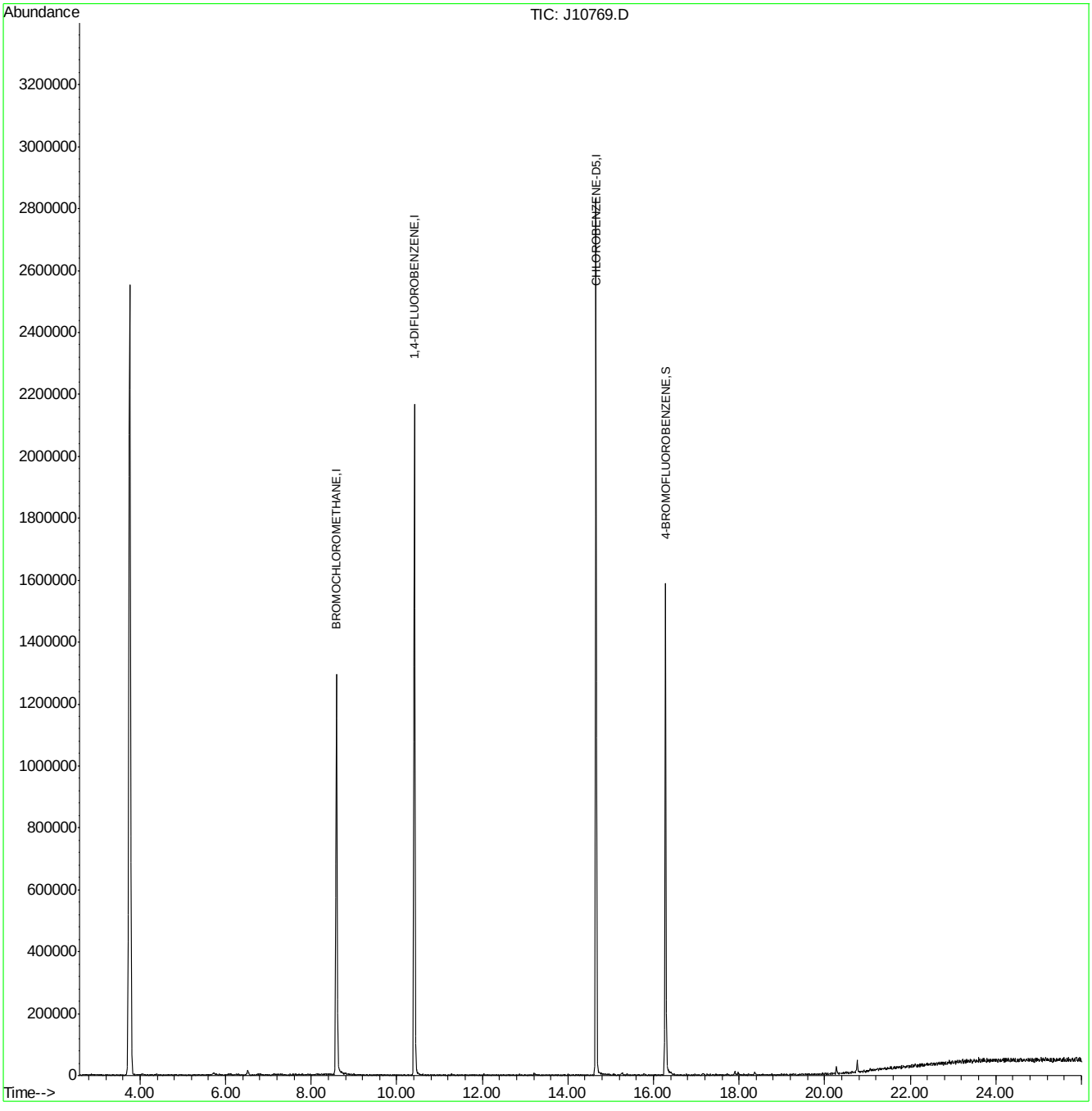
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10769.D
Acq On : 26 Jun 2007 12:12 pm
Operator : danat
Sample : mb (M050)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 26 14:11:16 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



J062507T.M Tue Jun 26 14:11:24 2007 Page: 2

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
07/03/07 12:29

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3882A.D
Acq On : 2 Jul 2007 7:38 pm
Operator : PhilipB
Sample : BS (M189)
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 09:30:09 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.630	128	117816	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.461	114	563837	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.707	117	479305	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.325	95	235604	5.25	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 105.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.035	85	1143976	11.26	PPBV	97
3) PROPYLENE	3.964	41	106050	10.93	PPBV	84
4) FREON 114	4.298	85	902815	11.74	PPBV	90
5) CHLOROMETHANE	4.198	50	158062	12.44	PPBV	94
6) VINYL CHLORIDE	4.420	62	208173	11.95	PPBV	98
7) 1,3-BUTADIENE	4.550	39	178942	10.90	PPBV #	61
8) BROMOMETHANE	4.832	94	248165	11.07	PPBV	96
9) CHLOROETHANE	5.002	64	73599m	9.19	PPBV	
10) TRICHLOROFLUOROMETHANE	5.785	101	1248915	11.03	PPBV	97
11) ISOPROPYL ALCOHOL	5.819	45	290098	8.01	PPBV	80
12) ACETONE	5.595	43	289580	7.97	PPBV	79
13) PENTANE	6.143	42	212375	10.09	PPBV	87
14) 1,1-DICHLOROETHYLENE	6.422	96	245160	10.86	PPBV	92
15) CARBON DISULFIDE	6.857	76	806869	11.33	PPBV	98
16) ETHANOL	5.096	45	36671	6.93	PPBV #	62
17) BROMOETHENE	5.368	106	229964	10.92	PPBV #	90
18) METHYLENE CHLORIDE	6.539	84	264477	14.45	PPBV	78
19) 3-CHLOROPROPENE	6.655	39	209353	8.38	PPBV #	80
20) FREON 113	6.798	151	439957	8.52	PPBV	95
21) TRANS-1,2-DICHLOROETHY...	7.464	96	206565	9.50	PPBV #	81
22) TERTIARY BUTYL ALCOHOL	6.426	59	399937	9.40	PPBV	82
23) METHYL TERTIARY BUTYL ...	7.707	73	373201	8.20	PPBV	88
24) TETRAHYDROFURAN	9.137	42	87020	9.98	PPBV	71
25) HEXANE	8.664	57	150827	9.26	PPBV #	70
26) VINYL ACETATE	7.789	43	289069	8.52	PPBV	98
27) 1,1-DICHLOROETHANE	7.663	63	322594	8.68	PPBV	93
28) METHYL ETHYL KETONE	8.035	43	200446	8.54	PPBV	97
29) cis-1,2-DICHLOROETHYLENE	8.468	96	106831	9.19	PPBV	93
30) ETHYL ACETATE	8.662	43	331586	8.61	PPBV	100
31) CHLOROFORM	8.752	83	393260	8.97	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.707	97	431588	8.84	PPBV	97
33) CARBON TETRACHLORIDE	10.289	117	554884	9.39	PPBV	95
34) 1,2-DICHLOROETHANE	9.459	62	249703	8.91	PPBV	98
36) BENZENE	10.153	78	279933	8.61	PPBV	89
37) CYCLOHEXANE	10.414	84	130948	9.29	PPBV #	63
38) TRICHLOROETHYLENE	11.143	95	191580	8.77	PPBV	85
39) 1,2-DICHLOROPROPANE	10.923	63	104783	8.73	PPBV #	71
40) BROMODICHLOROMETHANE	11.108	83	362163	8.85	PPBV	96
41) 2,2,4-TRIMETHYLPENTANE	11.171	57	455495	8.68	PPBV #	96
42) 1,4-DIOXANE	11.134	88	59602	8.51	PPBV	86
43) HEPTANE	11.404	43	155621	9.34	PPBV	87

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3882A.D
Acq On : 2 Jul 2007 7:38 pm
Operator : PhilipB
Sample : BS (M189)
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 09:30:09 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration

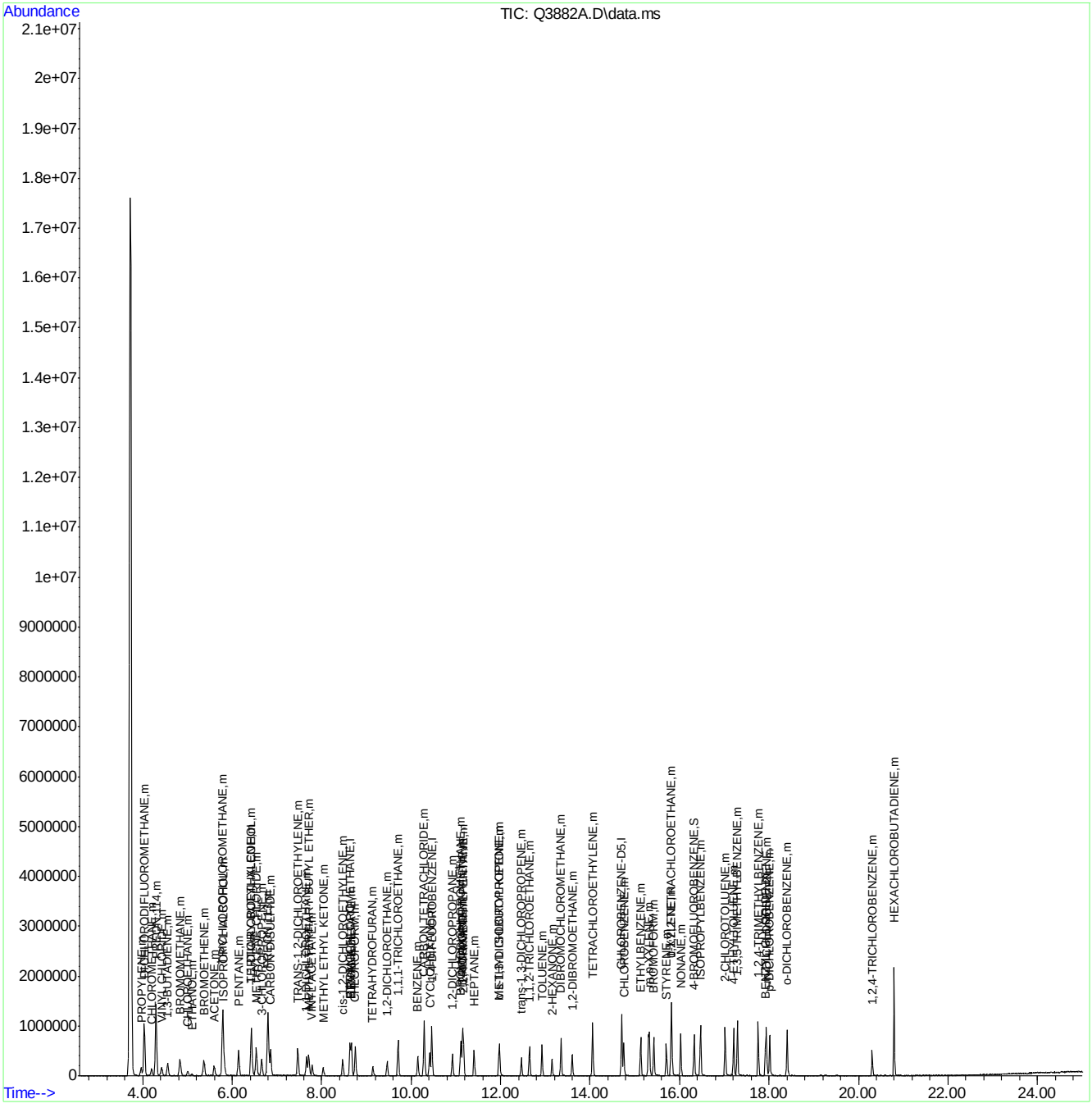
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.981	43	232953	8.80	PPBV		92
45) cis-1,3-DICHLOROPROPENE	11.961	75	186356	8.98	PPBV	#	82
46) TOLUENE	12.925	92	196448	8.91	PPBV		95
47) trans-1,3-DICHLOROPROPENE	12.463	75	155398	8.28	PPBV		97
48) 1,1,2-TRICHLOROETHANE	12.646	83	123305	8.52	PPBV		95
50) 2-HEXANONE	13.150	43	204251	8.86	PPBV		90
51) TETRACHLOROETHYLENE	14.055	164	140027	7.76	PPBV		96
52) DIBROMOCHLOROMETHANE	13.349	129	304463	8.38	PPBV		98
53) 1,2-DIBROMOETHANE	13.603	107	207942	8.64	PPBV		97
54) CHLOROBENZENE	14.751	112	248600	8.32	PPBV		85
55) ETHYLBENZENE	15.133	91	469029	9.11	PPBV		92
56) m,p-XYLENE	15.323	106	333637m	17.19	PPBV		
57) o-XYLENE	15.823	106	170960	8.31	PPBV	#	69
58) STYRENE	15.704	104	223616	7.77	PPBV		88
59) NONANE	16.025	43	265577	8.86	PPBV		93
60) BROMOFORM	15.420	173	277428	8.01	PPBV		98
62) 1,1,2,2-TETRACHLOROETHANE	15.812	83	352982	9.06	PPBV		96
63) ISOPROPYLBENZENE	16.466	105	566987	8.59	PPBV	#	100
64) 2-CHLOROTOLUENE	17.019	91	459137	8.83	PPBV		89
65) 4-ETHYLTOLUENE	17.207	105	485294	8.15	PPBV		94
66) 1,3,5-TRIMETHYLBENZENE	17.293	105	499845	8.80	PPBV		89
67) 1,2,4-TRIMETHYLBENZENE	17.758	105	492669	6.96	PPBV		91
68) m-DICHLOROBENZENE	17.942	146	246405	6.25	PPBV		92
69) BENZYL CHLORIDE	17.919	91	316902	6.31	PPBV		95
70) p-DICHLOROBENZENE	18.017	146	242703	6.21	PPBV		92
71) o-DICHLOROBENZENE	18.404	146	245857	6.78	PPBV		95
72) HEXACHLOROBUTADIENE	20.798	225	200684	9.77	PPBV		100
73) 1,2,4-TRICHLOROBENZENE	20.306	180	86838	6.16	PPBV		96

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3882A.D
Acq On : 2 Jul 2007 7:38 pm
Operator : PhilipB
Sample : BS (M189)
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 09:30:09 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration

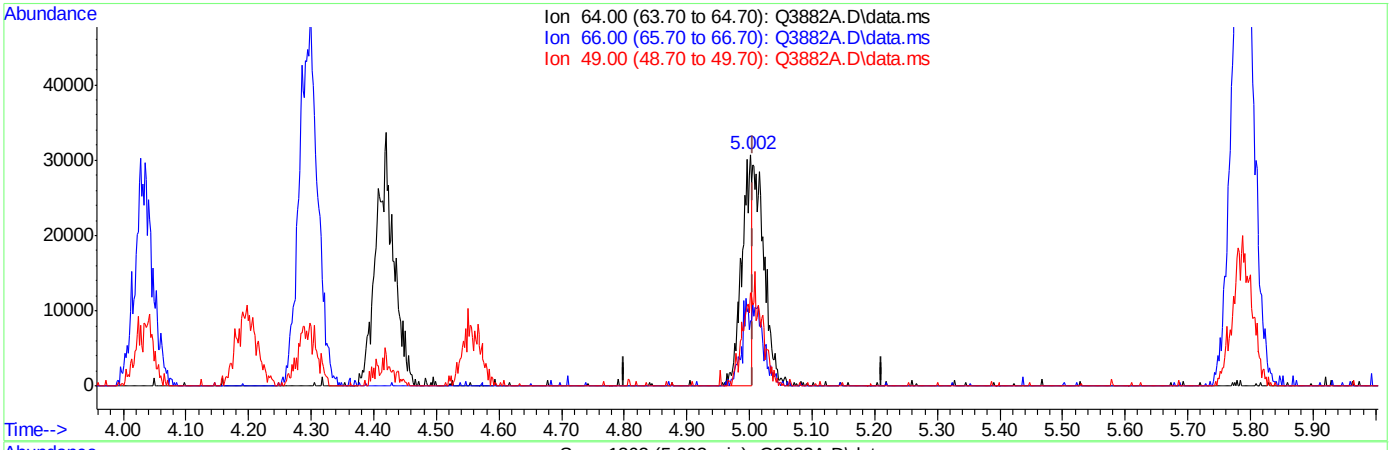


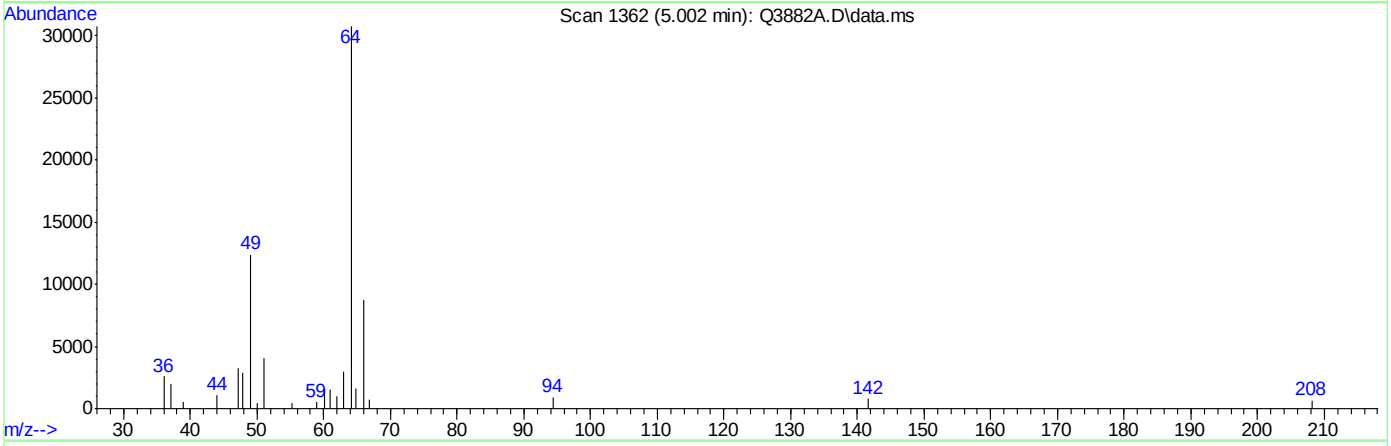
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3882A.D
Acq On : 2 Jul 2007 7:38 pm
Operator : PhilipB
Sample : BS (M189)
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 09:29:46 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration





TIC: Q3882A.D\data.ms

(9) CHLOROETHANE (m)

5.002min (-0.003) 4.29PPBV

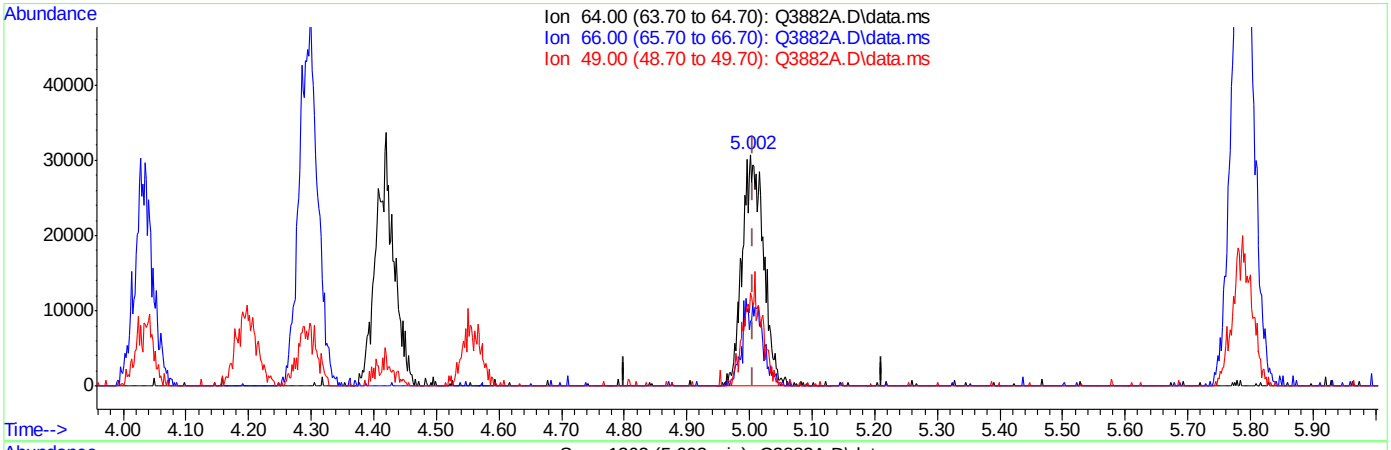
response 34377

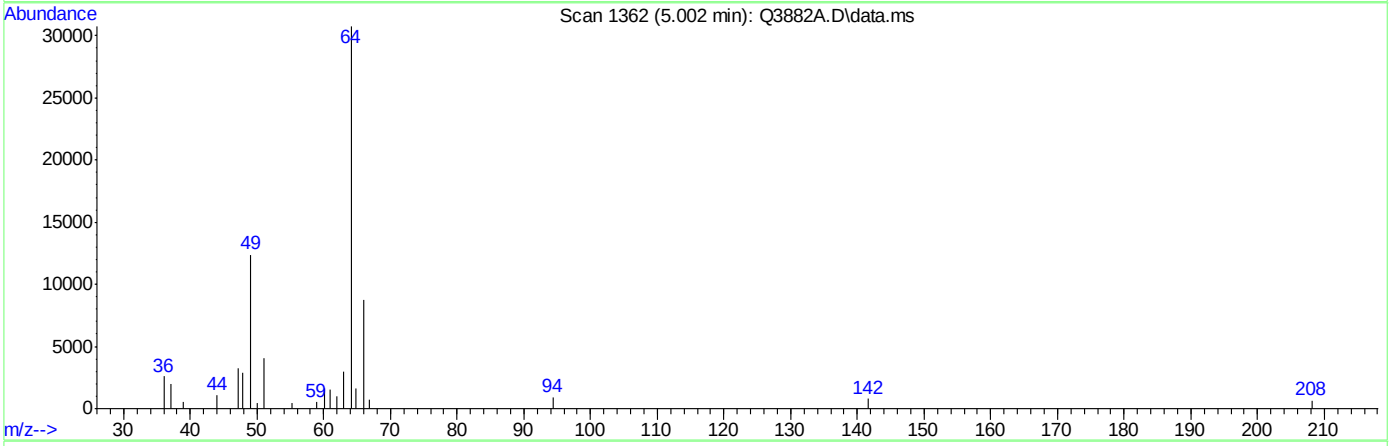
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	38.37
49.00	36.50	83.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3882A.D
Acq On : 2 Jul 2007 7:38 pm
Operator : PhilipB
Sample : BS (M189)
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 09:29:46 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration





TIC: Q3882A.D\data.ms

(9) CHLOROETHANE (m)

5.002min (-0.003) 9.19PPBV m

response 73599

Ion	Exp%	Act%
64.00	100	100
66.00	29.70	17.92
49.00	36.50	39.02
0.00	0.00	0.00

ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3882A.D
Acq On    :  2 Jul 2007   7:38 pm
Operator  : PhilipB
Sample    : BS (M189)
Misc      : MS13877, MSQ209,,,,,1
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Jul 03 09:29:46 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration
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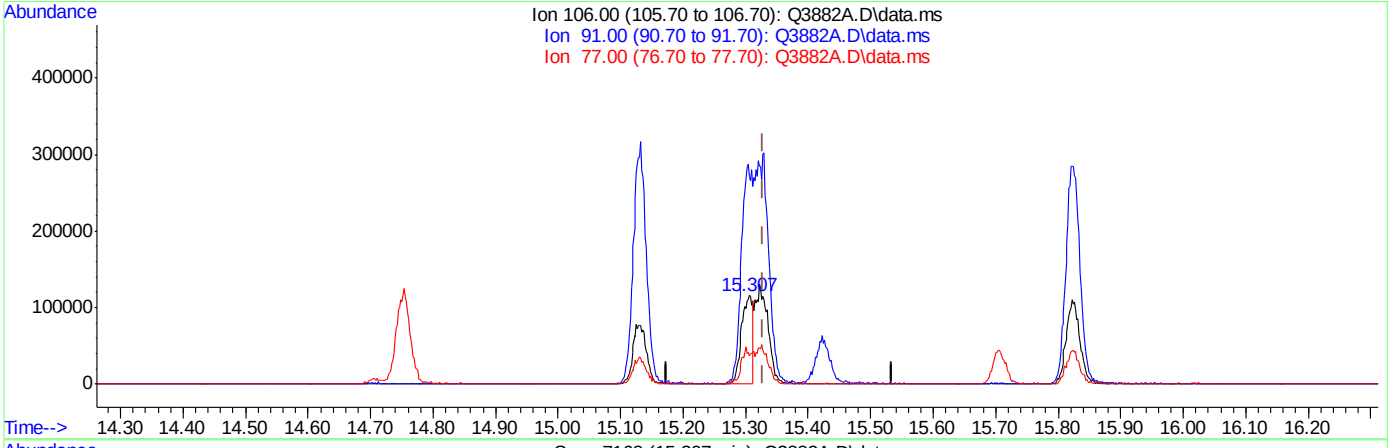
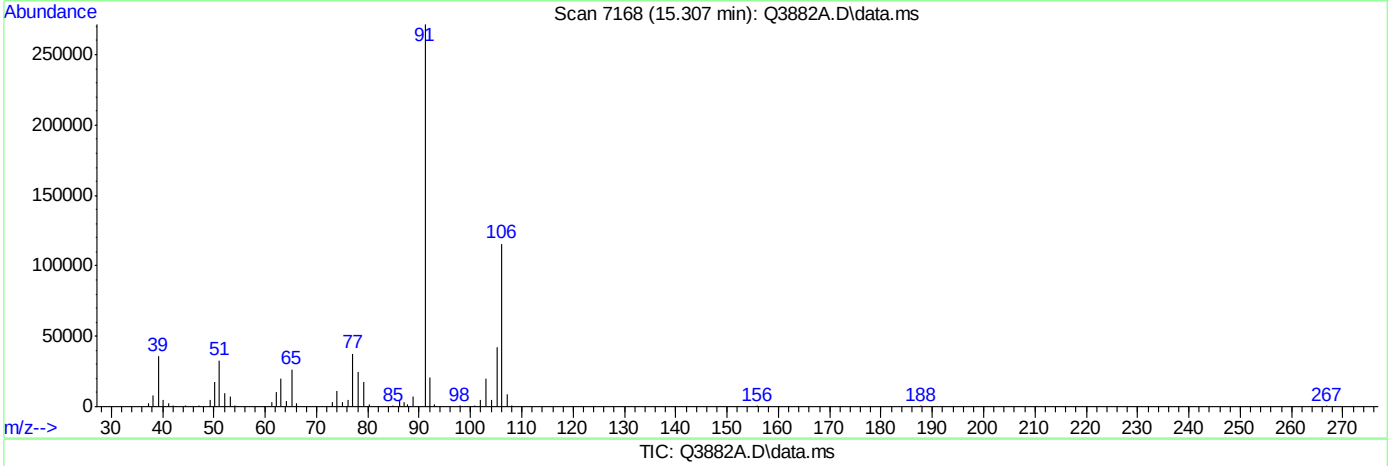




TIC: Q3882A.D\data.ms

(56) m,p-XYLENE (m)

15.307min (-0.022) 7.50PPBV

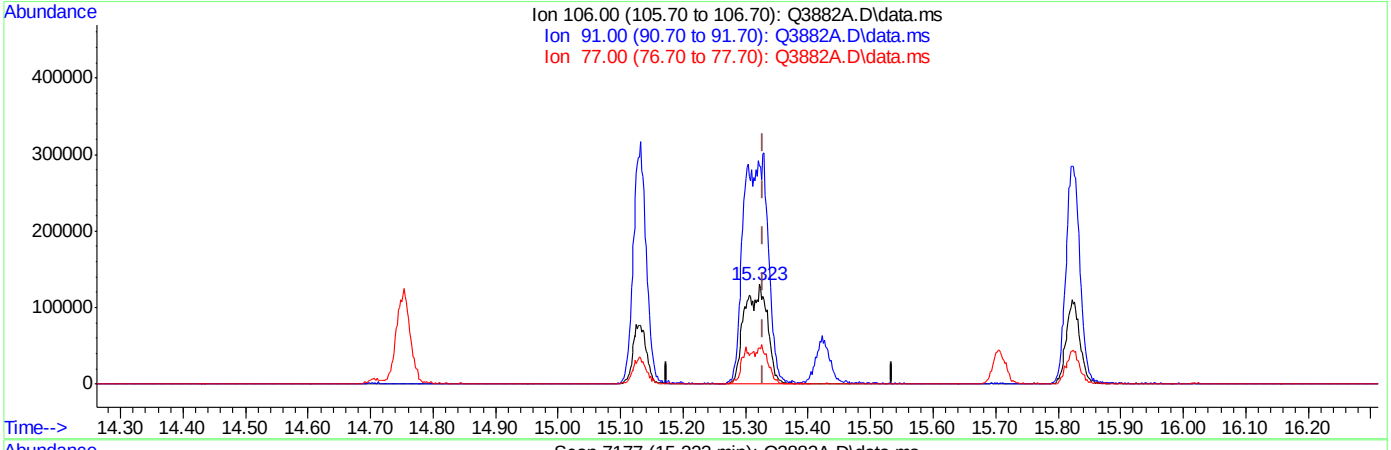
response 145617

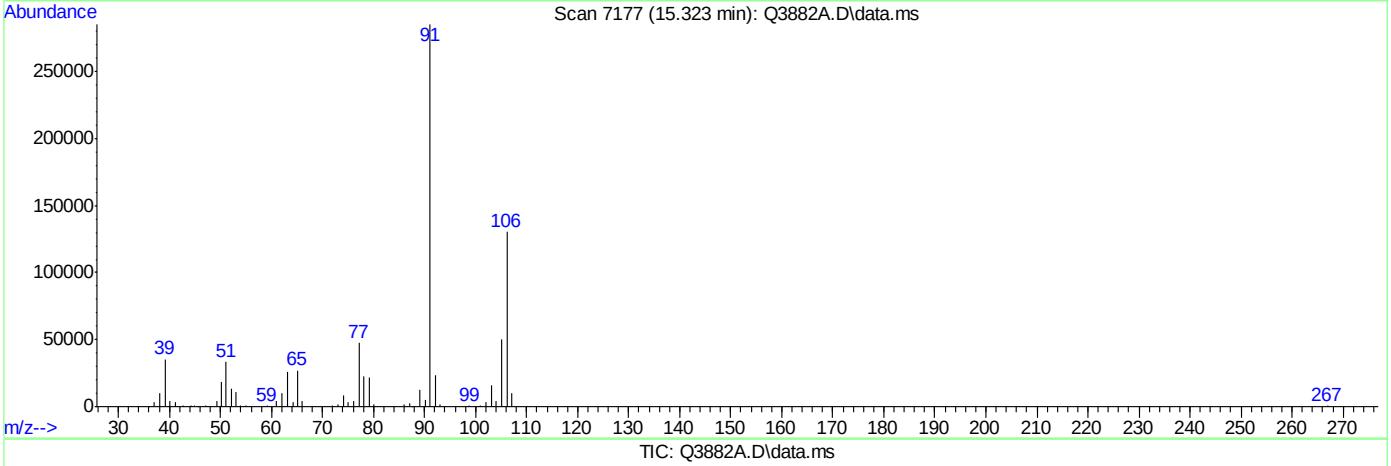
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	234.46
77.00	27.30	32.68
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3882A.D
Acq On : 2 Jul 2007 7:38 pm
Operator : PhilipB
Sample : BS (M189)
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 09:29:46 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration





TIC: Q3882A.D\data.ms

(56) m,p-XYLENE (m)

15.323min (-0.006) 17.19PPBV m

response 333637

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	218.59
77.00	27.30	36.40#
0.00	0.00	0.00

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

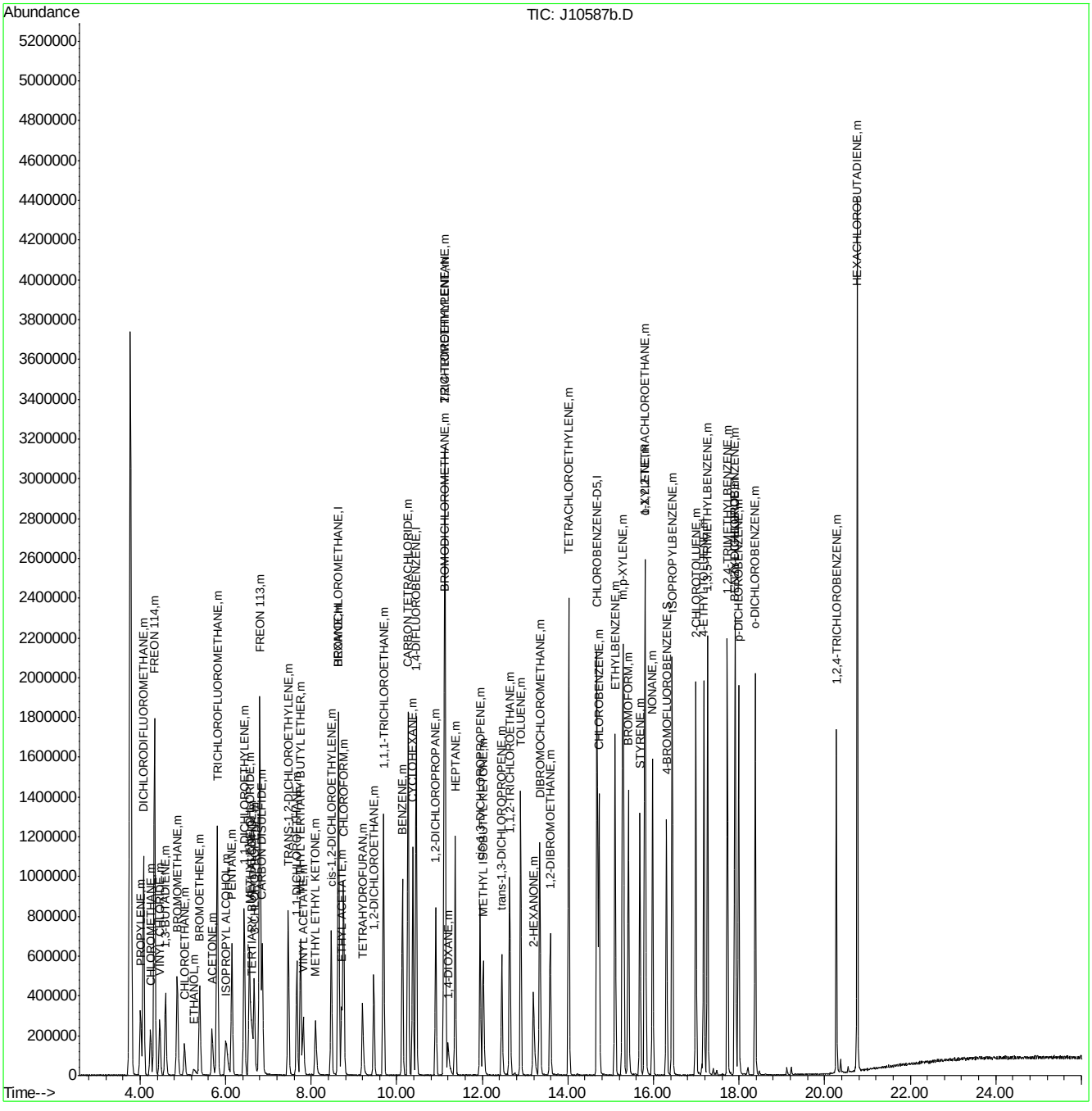
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.02	43	512900	8.29	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.95	75	483552	8.84	PPBV	97
46) TOLUENE	12.90	92	622578	8.27	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	382630	8.28	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.64	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 M65924

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10768b.D
Acq On : 26 Jun 2007 11:20 am
Operator : danat
Sample : bs (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 : J10768b.D
Acq On : 26 Jun 2007 11:20 am
Operator : danat
Sample : bs (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

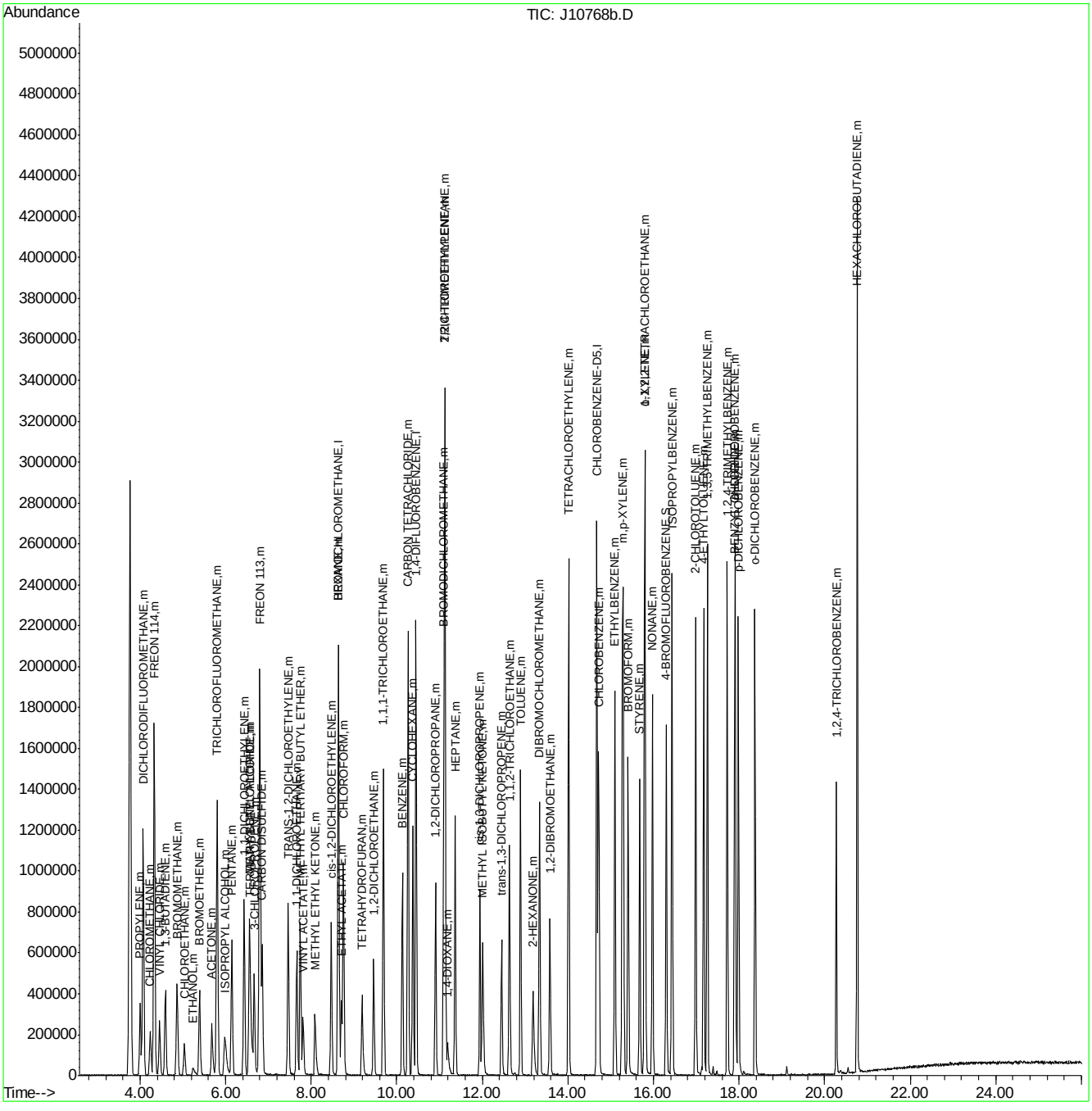
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	525462	10.45	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.94	75	449981	9.40	PPBV	98
46) TOLUENE	12.89	92	607046	11.02	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	363600	8.70	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.63	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 : J10768b.D
Acq On : 26 Jun 2007 11:20 am
Operator : danat
Sample : bs (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



ACCUTEST Laboratories
M65924

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
07/03/07 12:29

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3886.D
Acq On : 3 Jul 2007 10:55 am
Operator : PhilipB
Sample : M65961-6DUP
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 03 12:00:46 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.635	128	110919	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.460	114	505856	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.707	117	428789	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.327	95	191191	4.76	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 95.20%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.030	85	49755	0.52	PPBV	98
3) PROPYLENE	3.992	41	7381m	0.81	PPBV	
5) CHLOROMETHANE	4.200	50	11095m	0.93	PPBV	
10) TRICHLOROFLUOROMETHANE	5.790	101	30897	0.29	PPBV	96
12) ACETONE	5.591	43	3460459	Below Cal		88
13) PENTANE	6.145	42	8539	0.43	PPBV #	89
16) ETHANOL	5.098	45	22601	4.49	PPBV	78
18) METHYLENE CHLORIDE	6.543	84	57579	3.34	PPBV	80
24) TETRAHYDROFURAN	9.150	42	7081m	0.86	PPBV	
25) HEXANE	8.678	57	7750	0.51	PPBV	79
28) METHYL ETHYL KETONE	8.044	43	47306	2.14	PPBV	92
46) TOLUENE	12.930	92	10561	0.53	PPBV	91
51) TETRACHLOROETHYLENE	14.050	164	24596	1.52	PPBV	94

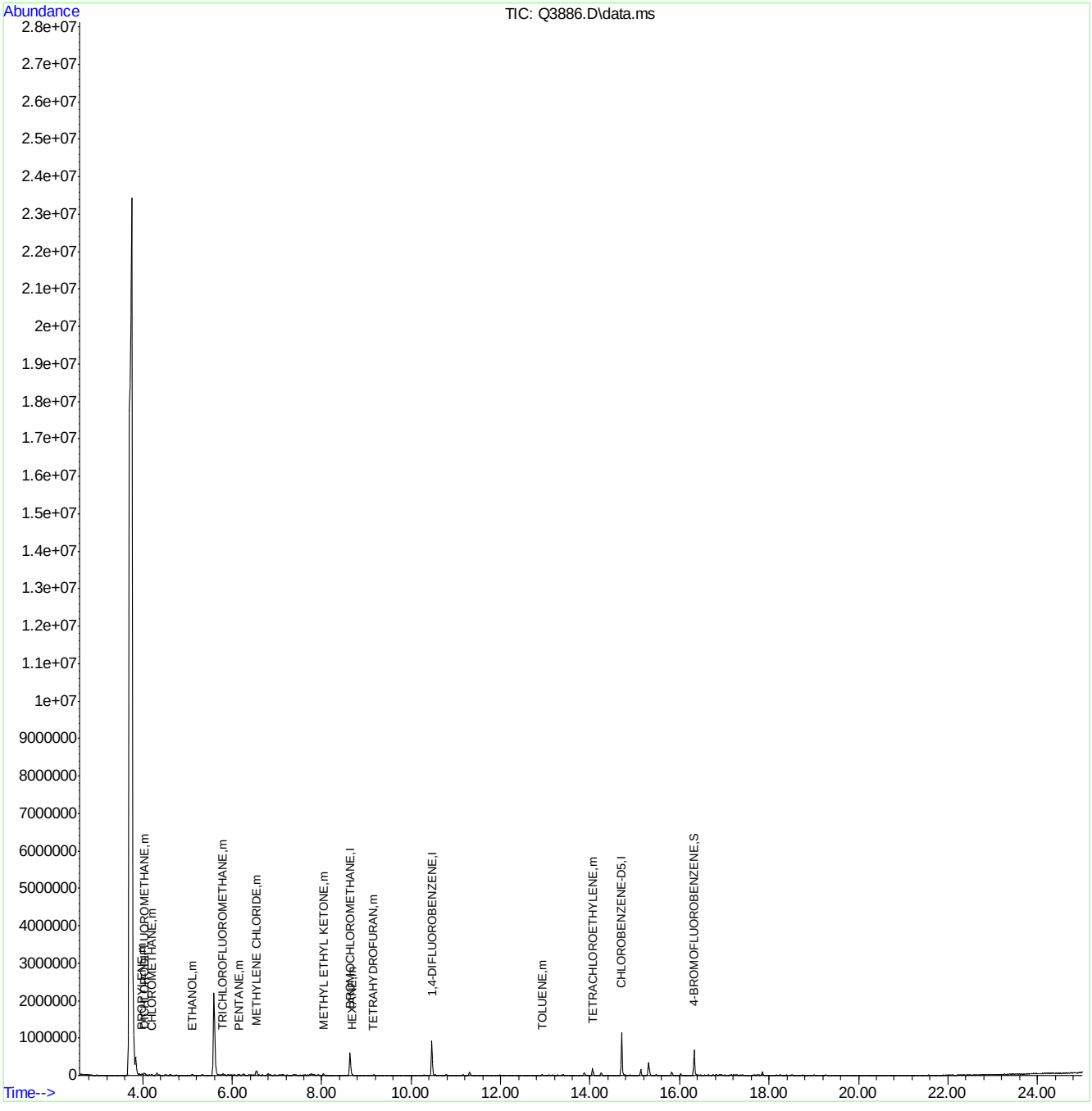
(#) = qualifier out of range (m) = manual integration (+) = signals summed

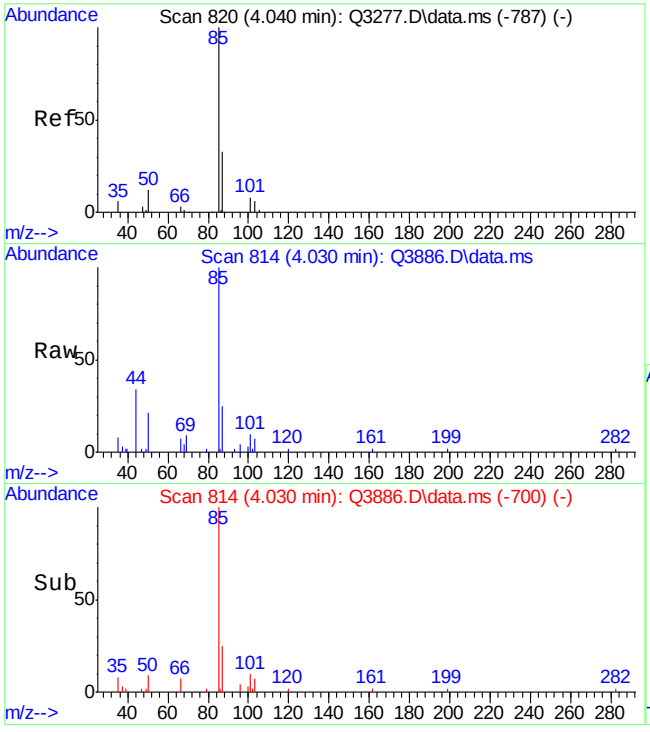
ACCUTEST Laboratories

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3886.D
Acq On : 3 Jul 2007 10:55 am
Operator : PhilipB
Sample : M65961-6DUP
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 03 12:00:46 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration

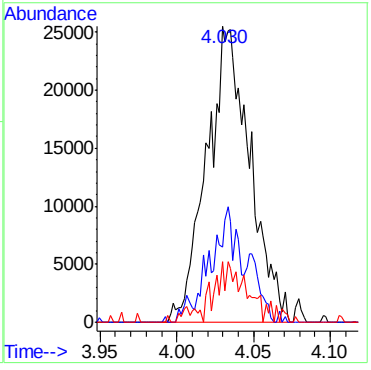


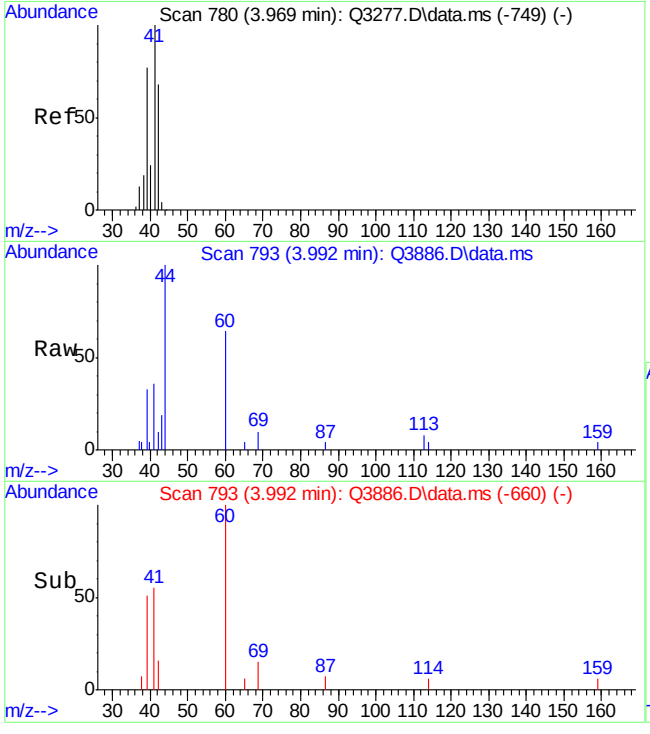


#2
DICHLORODIFLUOROMETHANE
Concen: 0.52 PPBV
RT: 4.030 min Scan# 814
Delta R.T. -0.004 min
Lab File: Q3886.D
Acq: 3 Jul 2007 10:55 am

Tgt Ion: 85 Resp: 49755

Ion	Ratio	Lower	Upper
85	100		
87	32.3	12.1	52.1
50	16.5	0.0	33.8

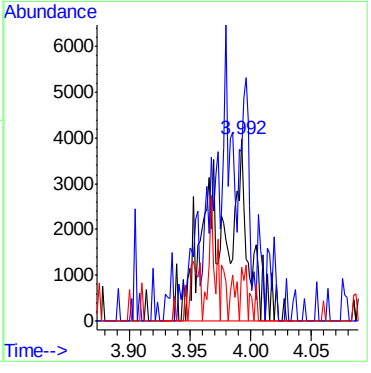


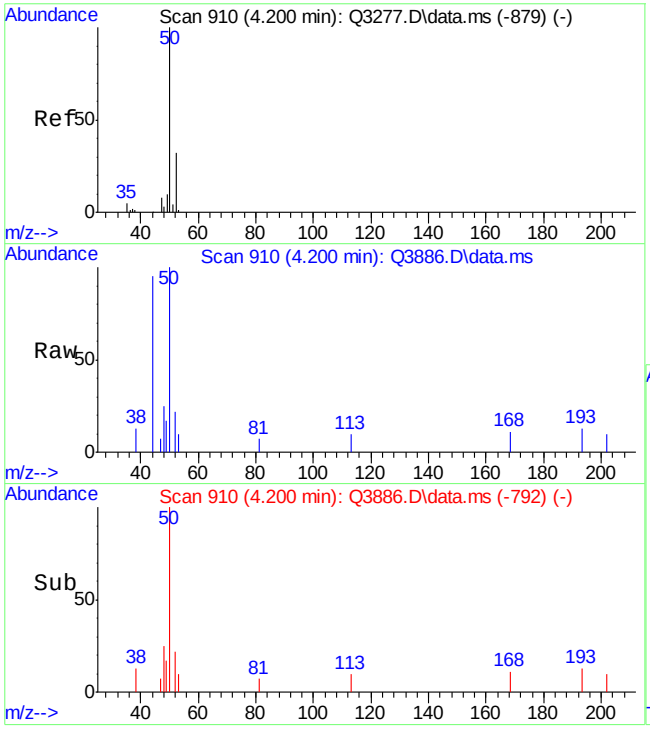


#3
PROPYLENE
Concen: 0.81 PPBV m
RT: 3.992 min Scan# 793
Delta R.T. 0.029 min
Lab File: Q3886.D
Acq: 3 Jul 2007 10:55 am

Tgt Ion: 41 Resp: 7381

Ion	Ratio	Lower	Upper
41	100		
39	92.7	52.5	92.5#
42	29.5	47.8	87.8#

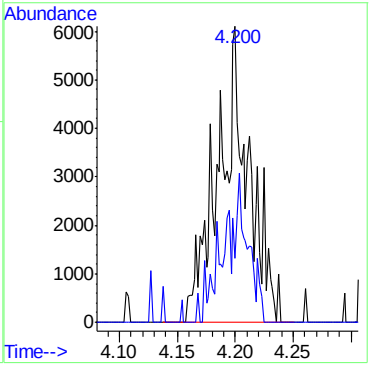


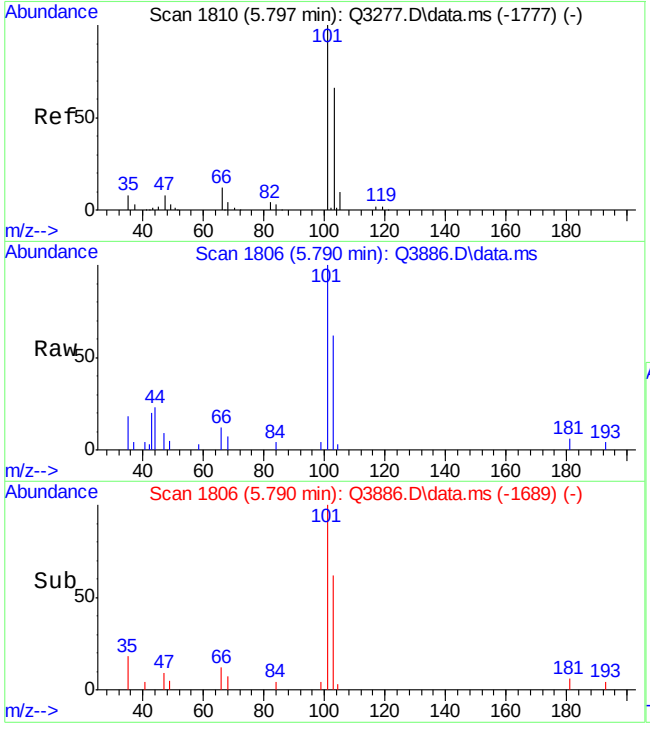


#5
CHLOROMETHANE
Concen: 0.93 PPBV m
RT: 4.200 min Scan# 910
Delta R.T. 0.004 min
Lab File: Q3886.D
Acq: 3 Jul 2007 10:55 am

Tgt Ion: 50 Resp: 11095

Ion	Ratio	Lower	Upper
50	100		
52	21.6	12.2	52.2

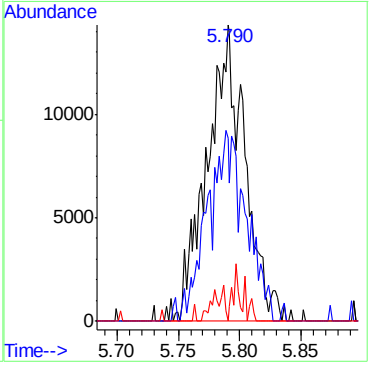


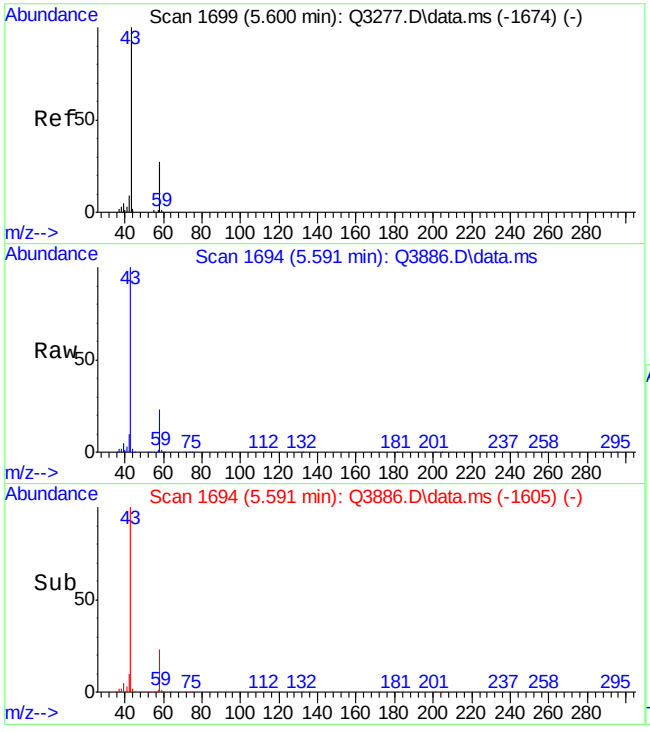


#10
TRICHLOROFLUOROMETHANE
Concen: 0.29 PPBV
RT: 5.790 min Scan# 1806
Delta R.T. 0.002 min
Lab File: Q3886.D
Acq: 3 Jul 2007 10:55 am

Tgt Ion:101 Resp: 30897

Ion	Ratio	Lower	Upper
101	100		
103	65.6	44.3	84.3
105	3.3	0.0	30.2

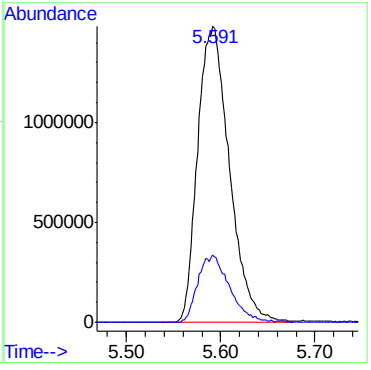


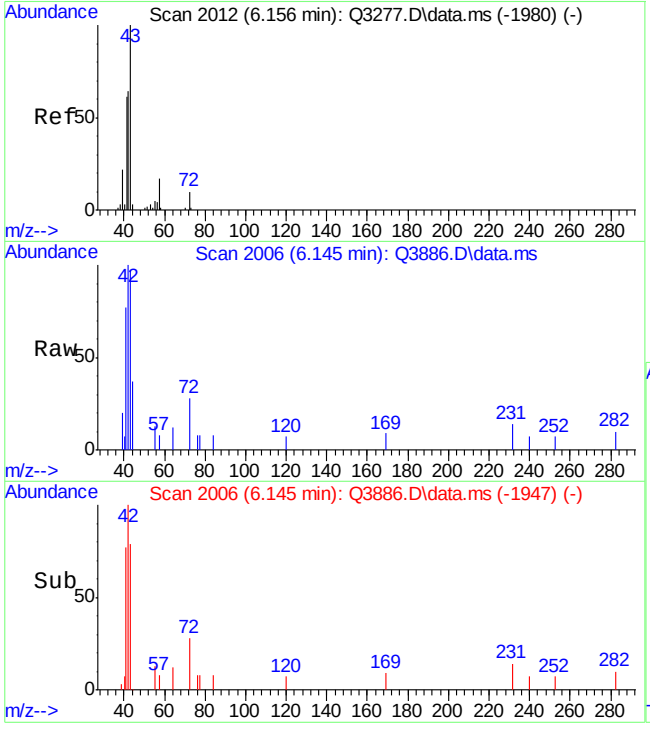


#12
ACETONE
Concen: Below Cal
RT: 5.591 min Scan# 1694
Delta R.T. 0.002 min
Lab File: Q3886.D
Acq: 3 Jul 2007 10:55 am

Tgt Ion: 43 Resp: 3460459

Ion	Ratio	Lower	Upper
43	100		
58	22.7	9.0	49.0

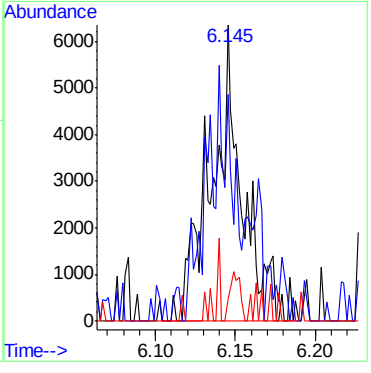


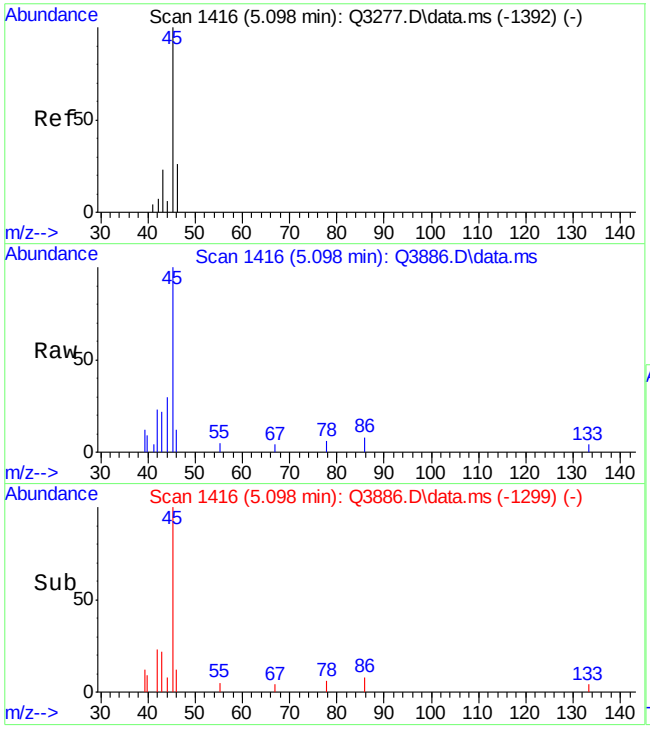


#13
PENTANE
Concen: 0.43 PPBV
RT: 6.145 min Scan# 2006
Delta R.T. 0.002 min
Lab File: Q3886.D
Acq: 3 Jul 2007 10:55 am

Tgt Ion: 42 Resp: 8539

Ion	Ratio	Lower	Upper
42	100		
41	94.3	74.8	114.8
57	4.6	8.9	48.9#

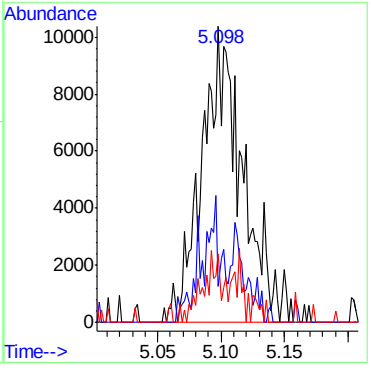


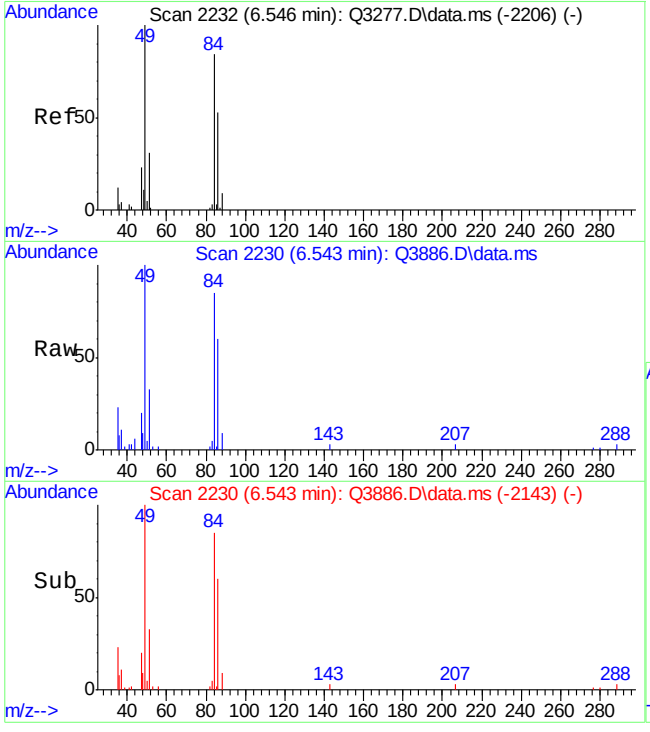


#16
ETHANOL
Concen: 4.49 PPBV
RT: 5.098 min Scan# 1416
Delta R.T. 0.002 min
Lab File: Q3886.D
Acq: 3 Jul 2007 10:55 am

Tgt Ion: 45 Resp: 22601

Ion	Ratio	Lower	Upper
45	100		
46	19.2	14.7	54.7
42	9.3	0.0	28.4

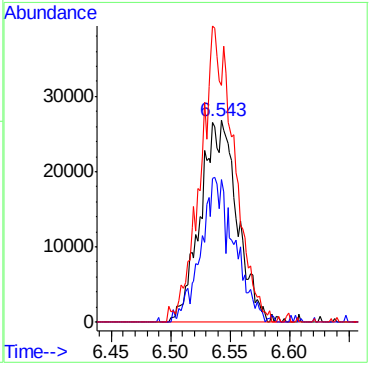


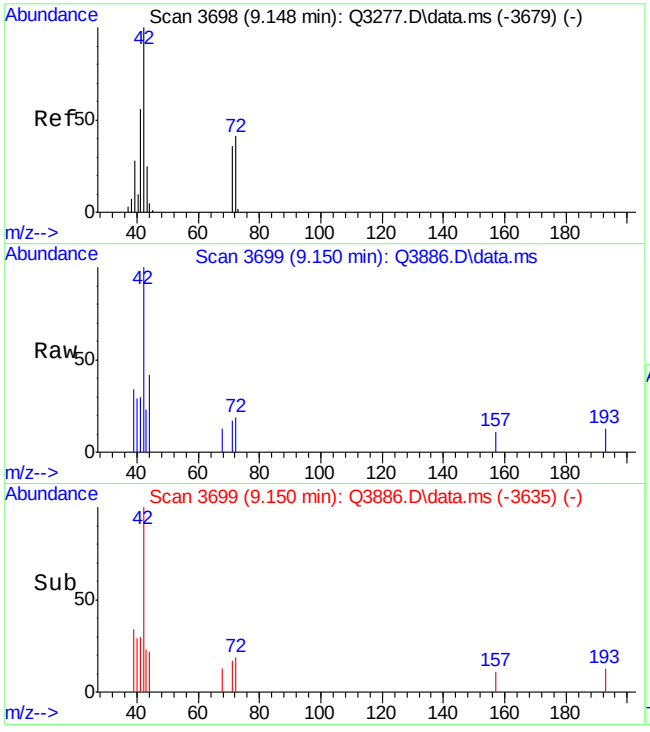


#18
METHYLENE CHLORIDE
Concen: 3.34 PPBV
RT: 6.543 min Scan# 2230
Delta R.T. 0.004 min
Lab File: Q3886.D
Acq: 3 Jul 2007 10:55 am

Tgt Ion: 84 Resp: 57579

Ion	Ratio	Lower	Upper
84	100		
86	65.6	44.1	84.1
49	134.7	0.0	372.3

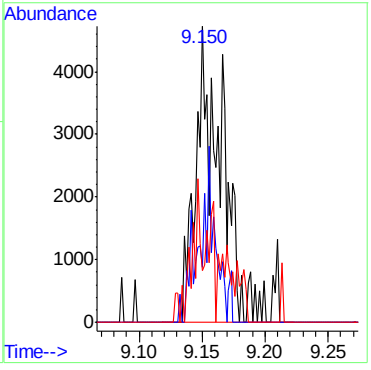


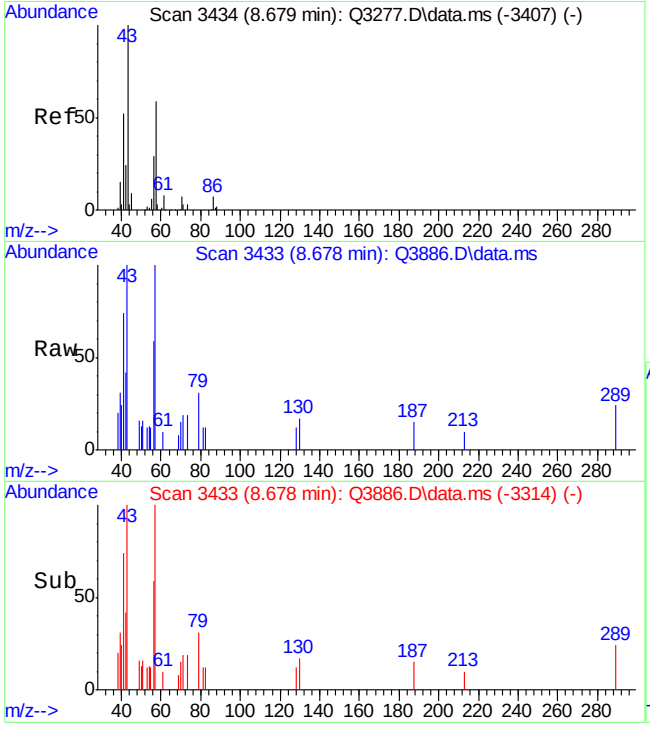


#24
TETRAHYDROFURAN
Concen: 0.86 PPBV m
RT: 9.150 min Scan# 3699
Delta R.T. 0.011 min
Lab File: Q3886.D
Acq: 3 Jul 2007 10:55 am

Tgt Ion: 42 Resp: 7081

Ion	Ratio	Lower	Upper
42	100		
72	26.4	8.7	48.7
71	38.1	7.6	47.6

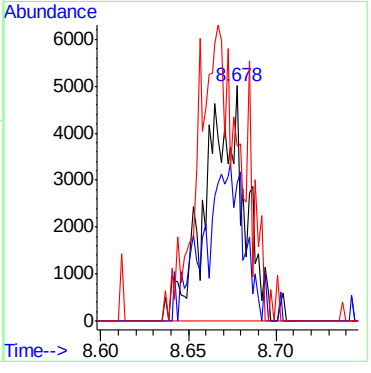




#25
HEXANE
Concen: 0.51 PPBV
RT: 8.678 min Scan# 3433
Delta R.T. 0.006 min
Lab File: Q3886.D
Acq: 3 Jul 2007 10:55 am

Tgt Ion: 57 Resp: 7750

Ion	Ratio	Lower	Upper
57	100		
56	69.0	34.3	74.3
41	97.0	58.9	98.9



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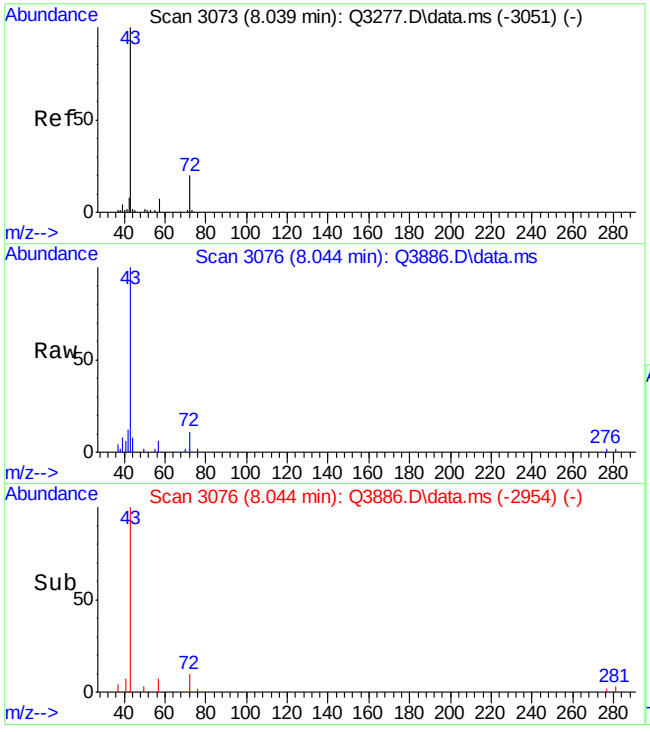
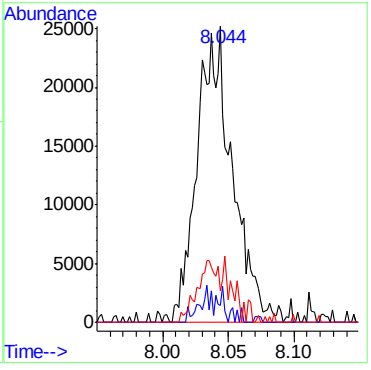
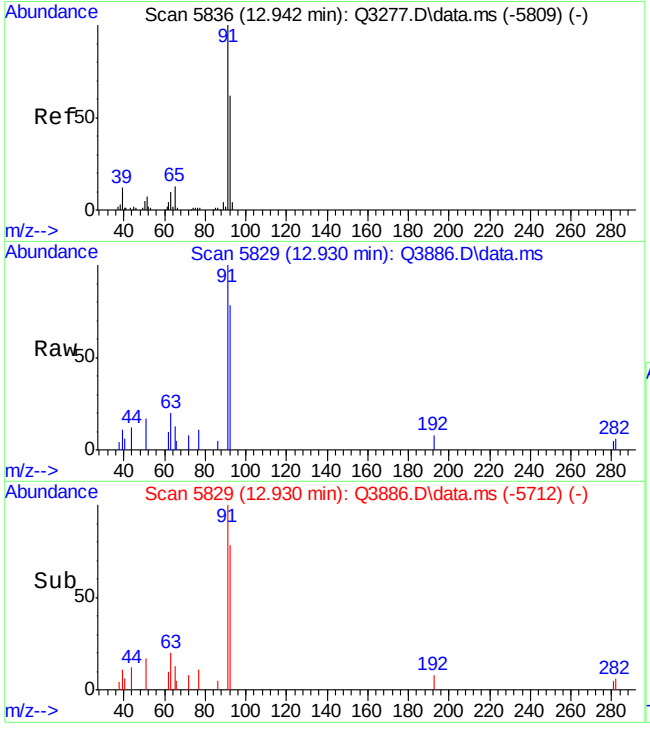


#28
METHYL ETHYL KETONE
Concen: 2.14 PPBV
RT: 8.044 min Scan# 3076
Delta R.T. 0.011 min
Lab File: Q3886.D
Acq: 3 Jul 2007 10:55 am

Tgt Ion: 43 Resp: 47306

Ion	Ratio	Lower	Upper
43	100		
57	5.6	0.0	27.7
72	10.7	0.0	34.6

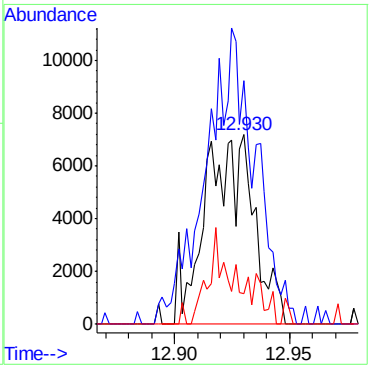


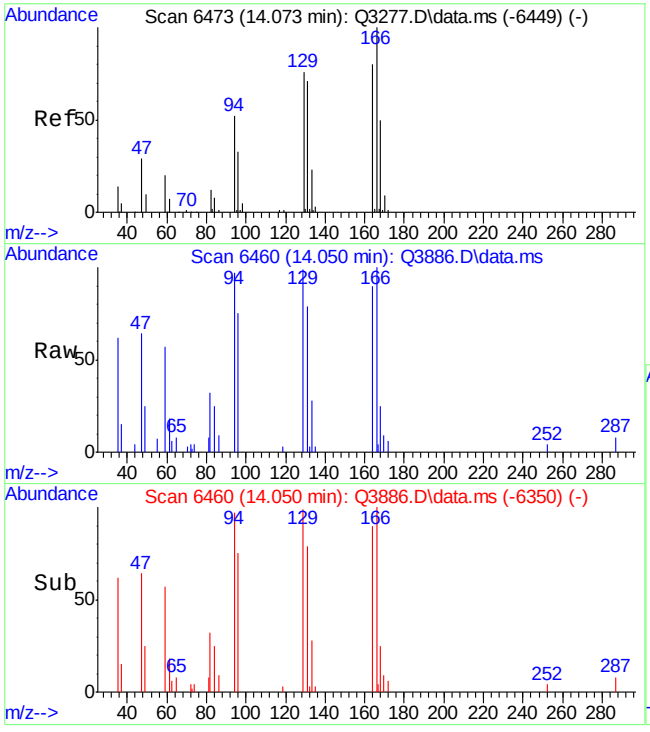


#46
TOLUENE
Concen: 0.53 PPBV
RT: 12.930 min Scan# 5829
Delta R.T. 0.002 min
Lab File: Q3886.D
Acq: 3 Jul 2007 10:55 am

Tgt Ion: 92 Resp: 10561

Ion	Ratio	Lower	Upper
92	100		
91	157.6	149.0	189.0
65	30.7	4.1	44.1

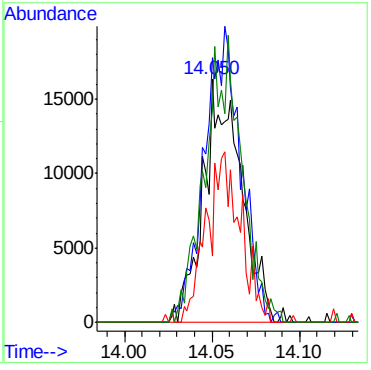




#51
TETRACHLOROETHYLENE
Concen: 1.52 PPBV
RT: 14.050 min Scan# 6460
Delta R.T. -0.011 min
Lab File: Q3886.D
Acq: 3 Jul 2007 10:55 am

Tgt Ion:164 Resp: 24596

Ion	Ratio	Lower	Upper
164	100		
129	116.7	87.3	127.3
168	62.3	39.5	79.5
131	113.5	88.3	128.3

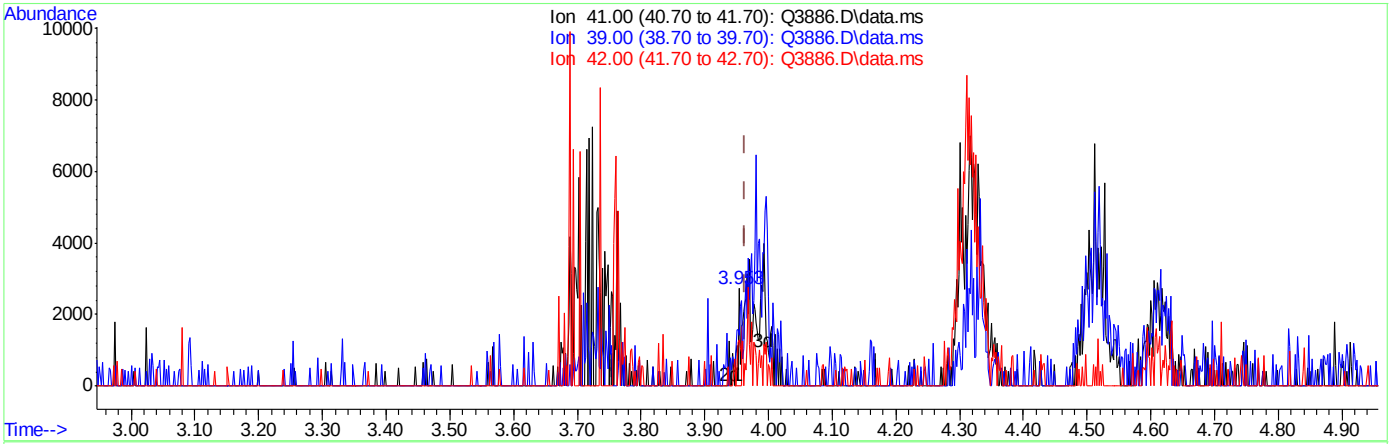


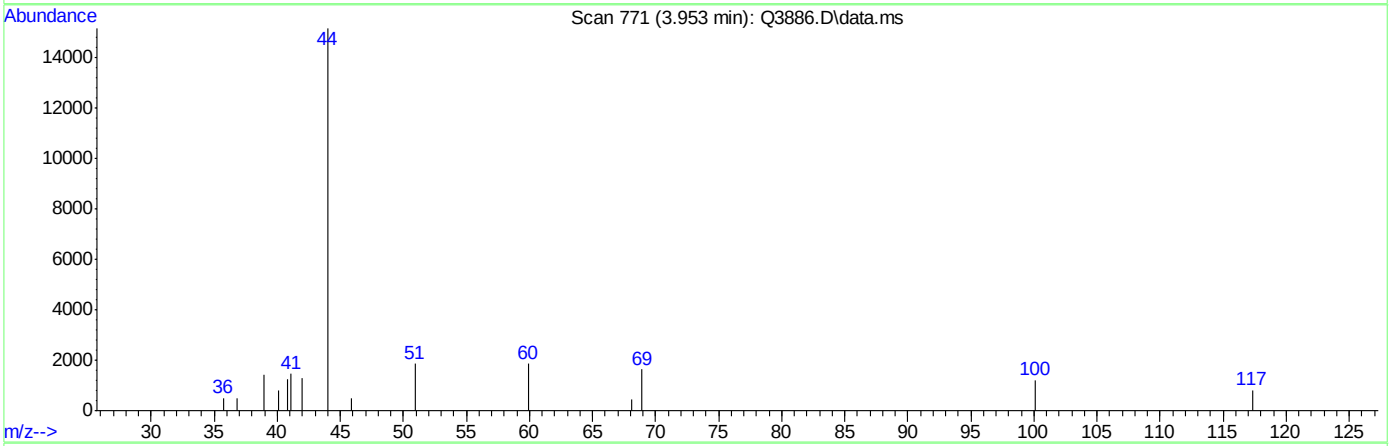
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3886.D
Acq On : 3 Jul 2007 10:55 am
Operator : PhilipB
Sample : M65961-6DUP
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 03 11:56:40 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration





TIC: Q3886.D\data.ms

(3) PROPYLENE (m)

3.953min (-0.010) 0.09PPBV

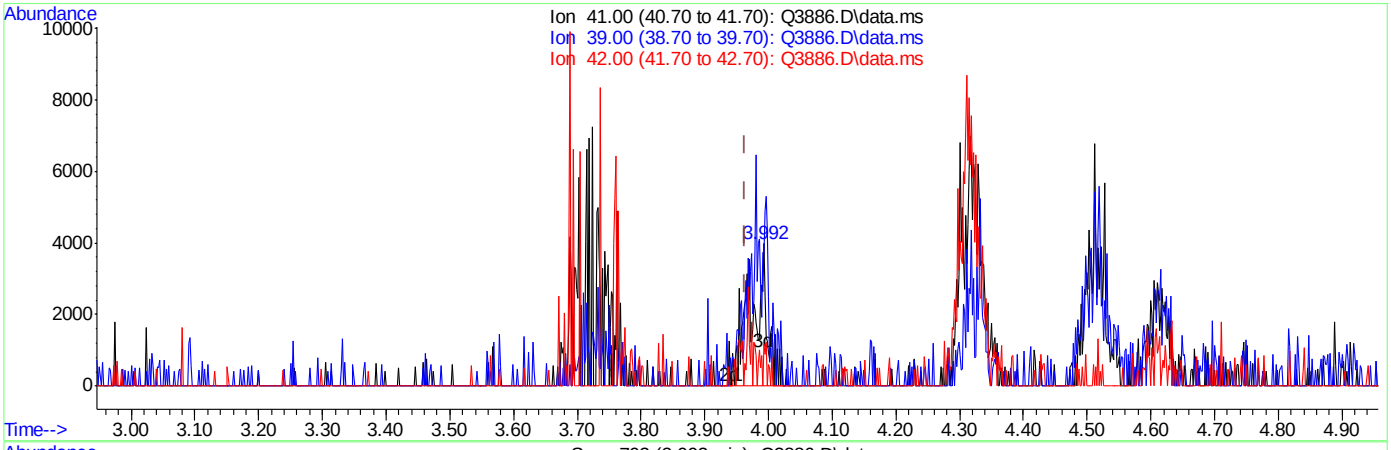
response 805

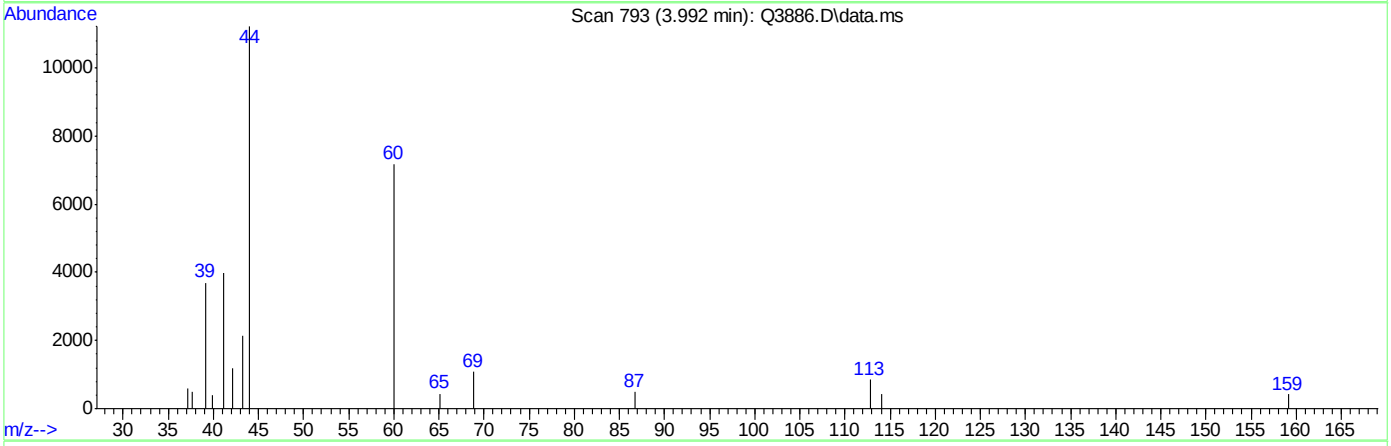
Ion	Exp%	Act%
41.00	100	100
39.00	72.50	51.76#
42.00	67.80	47.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3886.D
Acq On : 3 Jul 2007 10:55 am
Operator : PhilipB
Sample : M65961-6DUP
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 03 11:56:40 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration





TIC: Q3886.D\data.ms

(3) PROPYLENE (m)

3.992min (+0.029) 0.81PPBV m

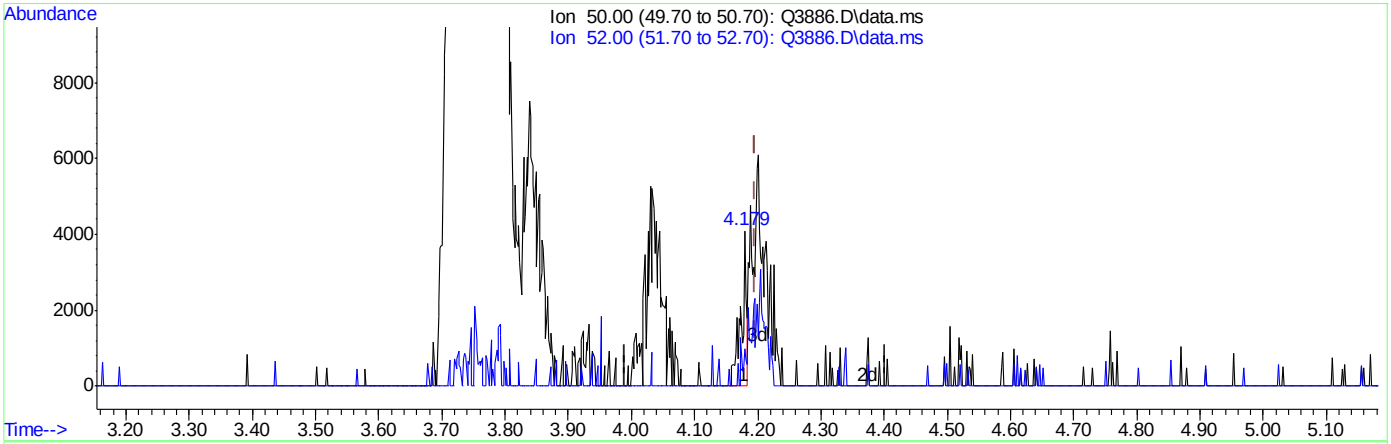
response 7381

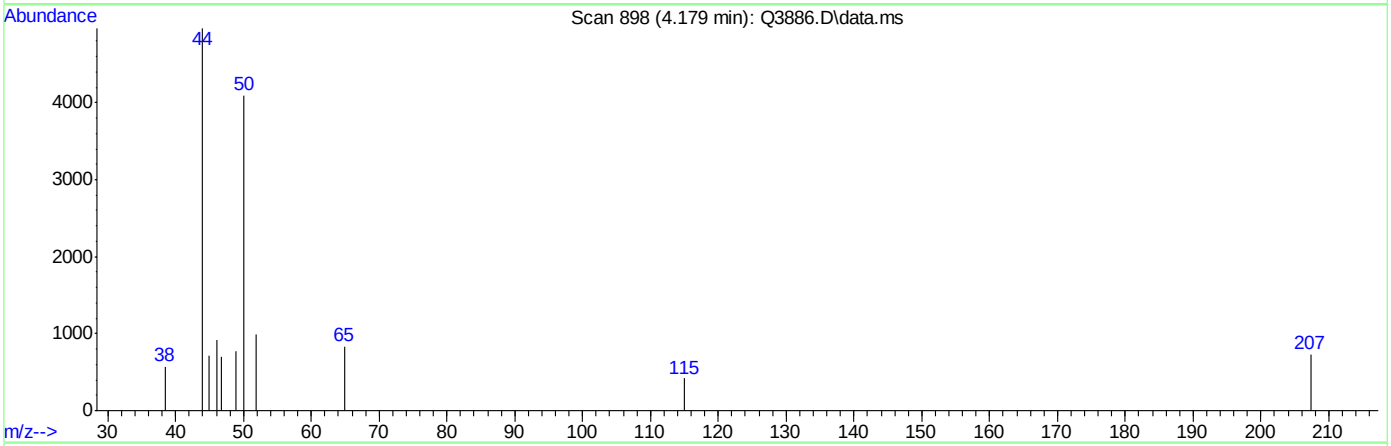
Ion	Exp%	Act%
41.00	100	100
39.00	72.50	92.70#
42.00	67.80	29.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3886.D
Acq On : 3 Jul 2007 10:55 am
Operator : PhilipB
Sample : M65961-6DUP
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 03 11:56:40 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration





TIC: Q3886.D\data.ms

(5) CHLOROMETHANE (m)

4.179min (-0.018) 0.19PPBV

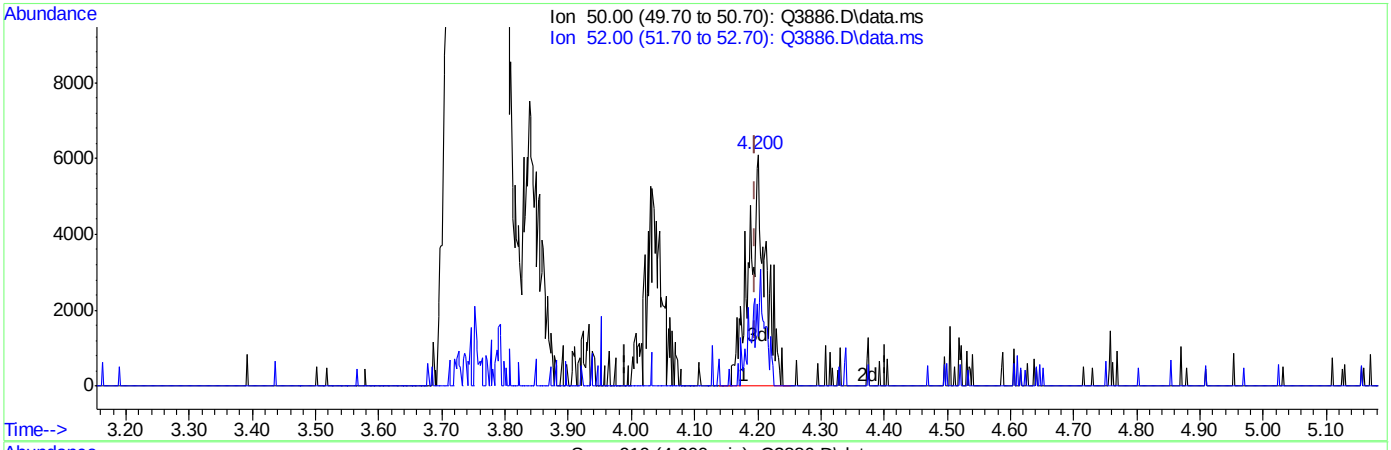
response 2257

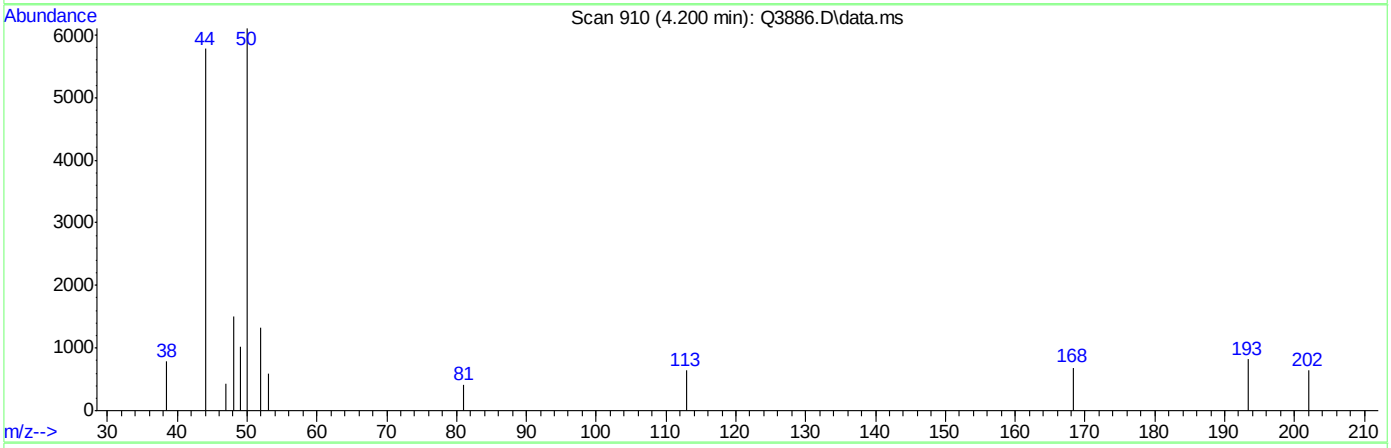
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	14.47
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3886.D
Acq On : 3 Jul 2007 10:55 am
Operator : PhilipB
Sample : M65961-6DUP
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 03 11:56:40 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration





TIC: Q3886.D\data.ms

(5) CHLOROMETHANE (m)

4.200min (+0.004) 0.93PPBV m

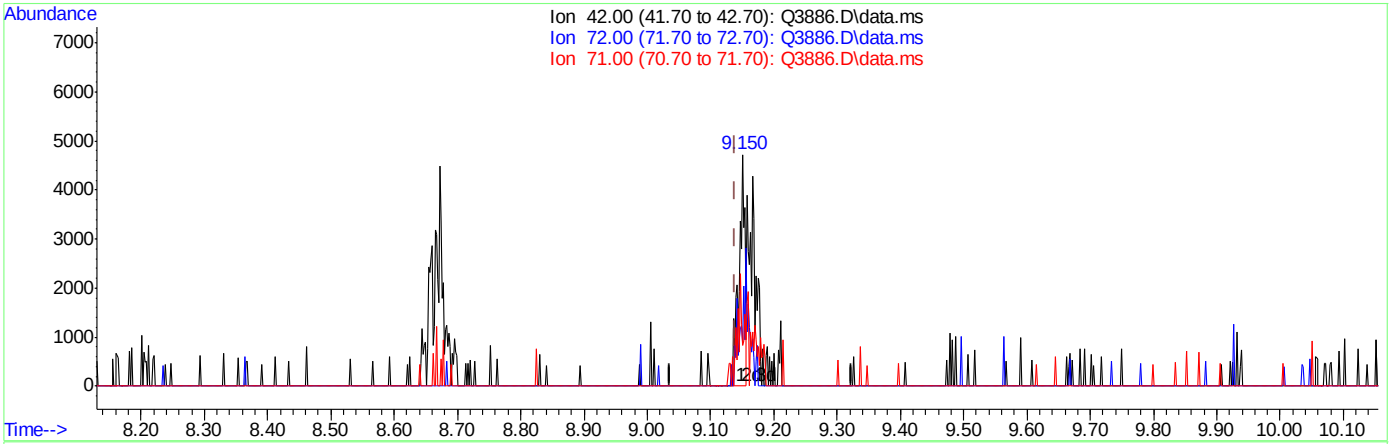
response 11095

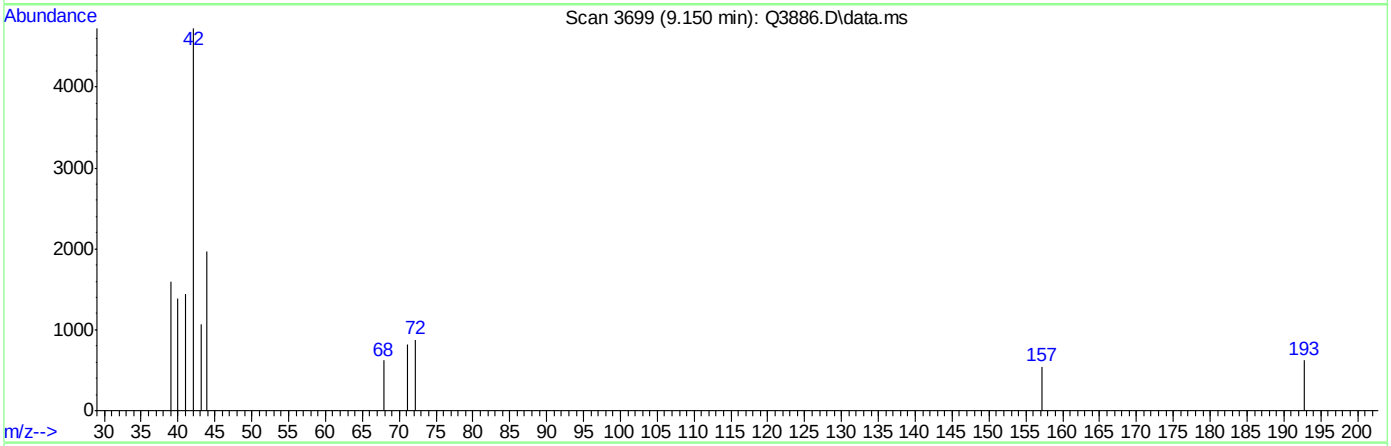
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	21.57
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3886.D
Acq On : 3 Jul 2007 10:55 am
Operator : PhilipB
Sample : M65961-6DUP
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 03 11:58:22 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration





TIC: Q3886.D\data.ms

(24) TETRAHYDROFURAN (m)

9.150min (+0.011) 0.37PPBV

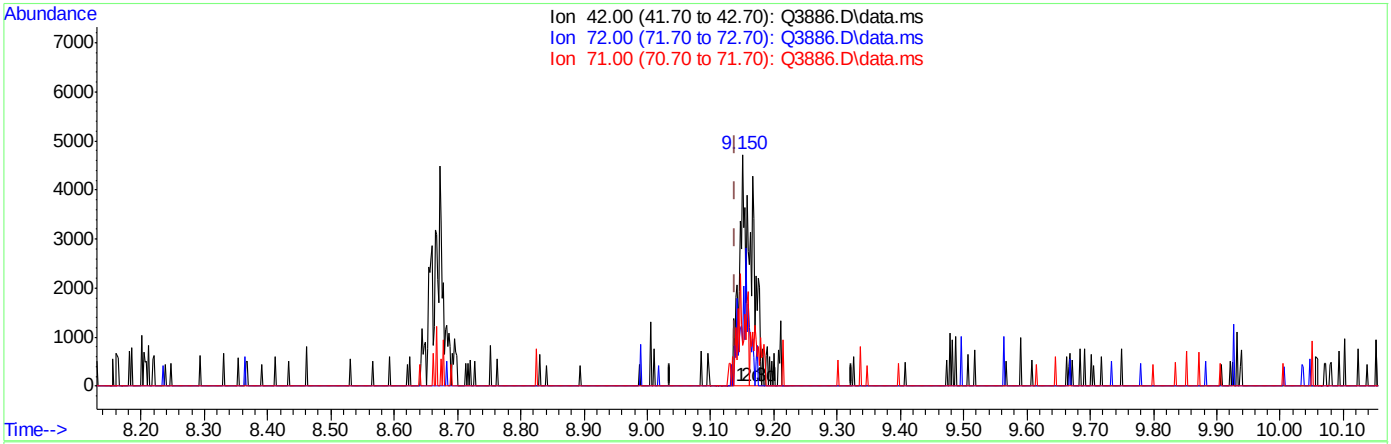
response 3045

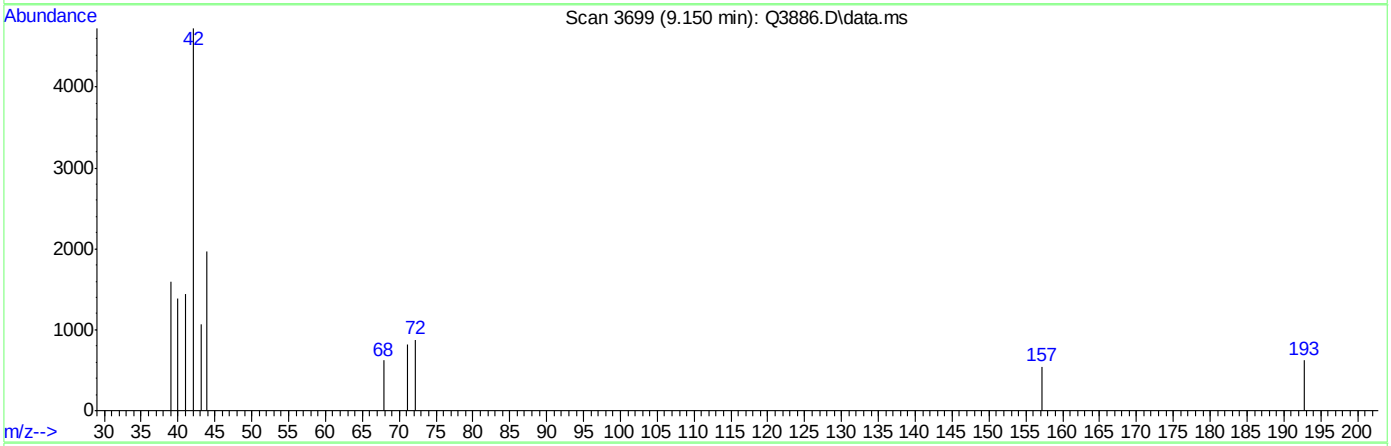
Ion	Exp%	Act%
42.00	100	100
72.00	28.70	61.48#
71.00	27.60	88.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3886.D
Acq On : 3 Jul 2007 10:55 am
Operator : PhilipB
Sample : M65961-6DUP
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 03 11:58:22 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration





TIC: Q3886.D\data.ms

(24) TETRAHYDROFURAN (m)

9.150min (+0.011) 0.86PPBV m

response 7081

Ion	Exp%	Act%
42.00	100	100
72.00	28.70	26.44
71.00	27.60	38.07
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10600.D
Acq On : 8 Jun 2007 10:38 am
Operator : danat
Sample : m65337-8 (m148)
Misc : MS13707, MSJ548,,,,,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 08 16:40:23 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	8.61	128	309500	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.43	114	1138408	10.00	PPBV	-0.02
49) CHLOROBENZENE-D5	14.66	117	1004543	10.00	PPBV	-0.01

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	286139	4.69	PPBV	-0.02

Spiked Amount 5.000 Range 51 - 142 Recovery = 93.80%

Target Compounds	Qvalue

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

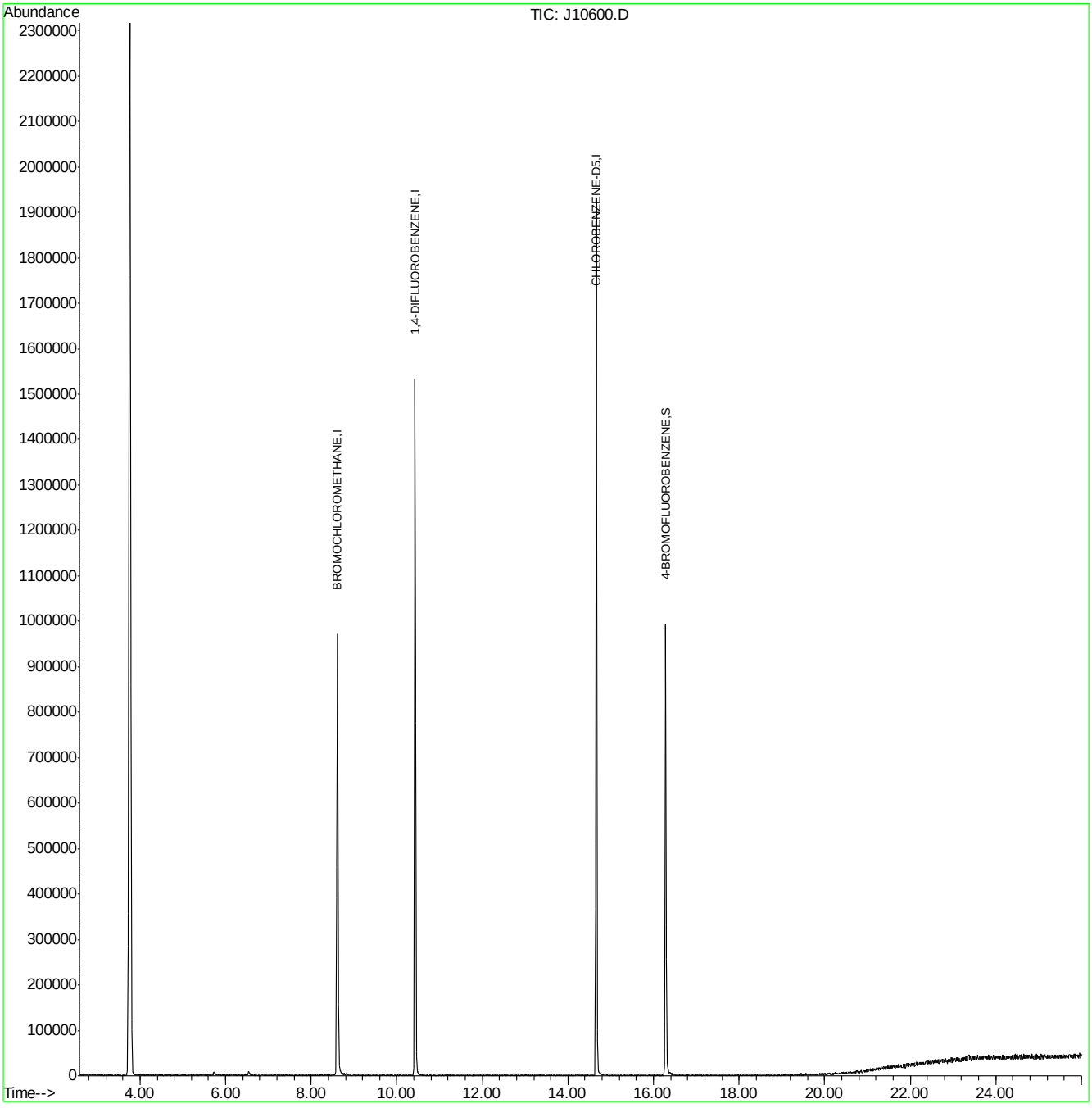
6.5.1

6

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10600.D
Acq On : 8 Jun 2007 10:38 am
Operator : danat
Sample : m65337-8 (m148)
Misc : MS13707, MSJ548,,,,,1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 08 16:40:23 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 : J10790.D
Acq On : 27 Jun 2007 9:01 am
Operator : danat
Sample : scc (M188)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 27 09:46:36 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	427159	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1646626	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1550230	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	451217	4.61	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 92.20%

Target Compounds	Qvalue

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

6.5.2

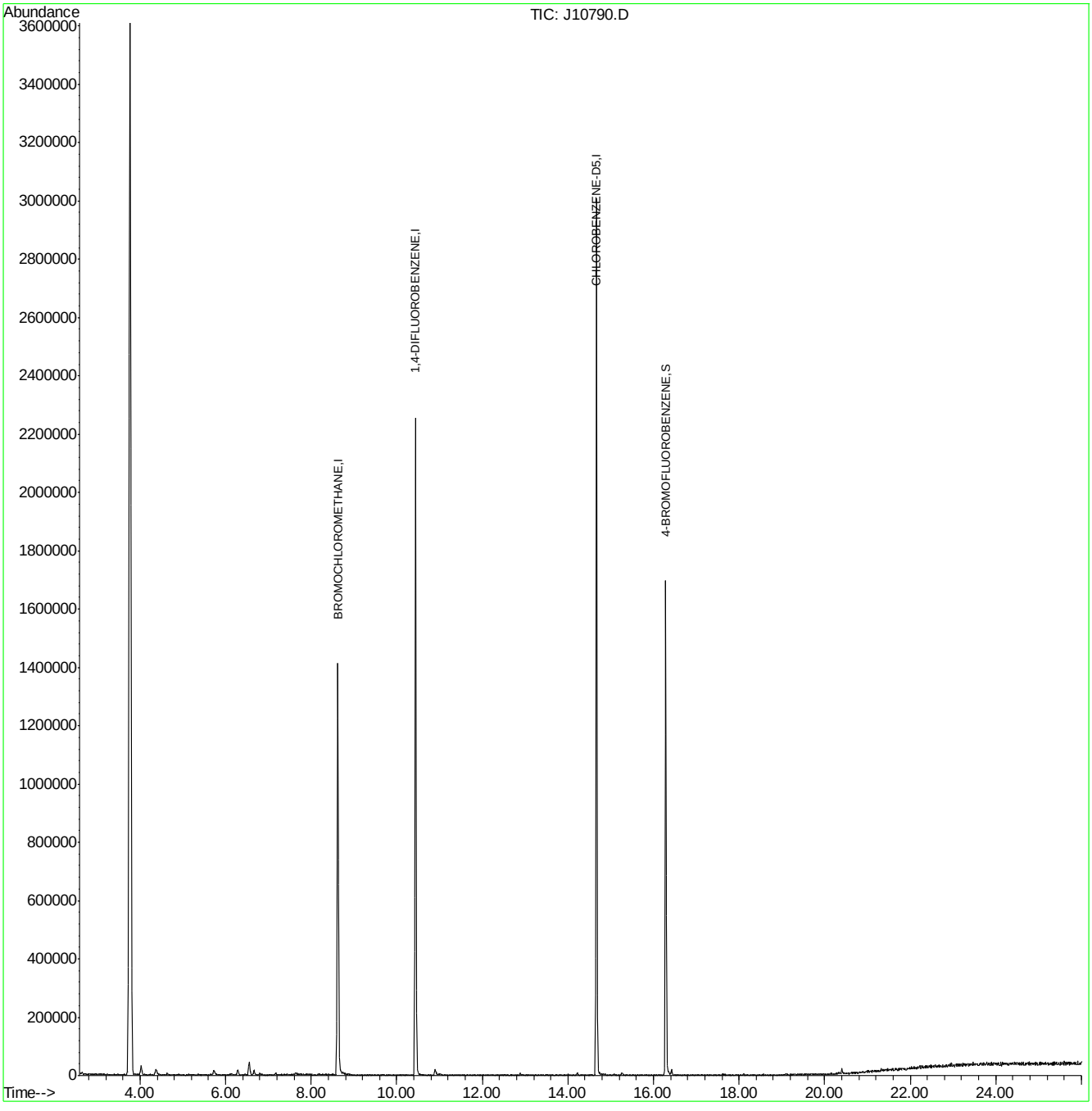
6

ACCUTEST Laboratories M65924

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10790.D
Acq On : 27 Jun 2007 9:01 am
Operator : danat
Sample : scc (M188)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 27 09:46:36 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



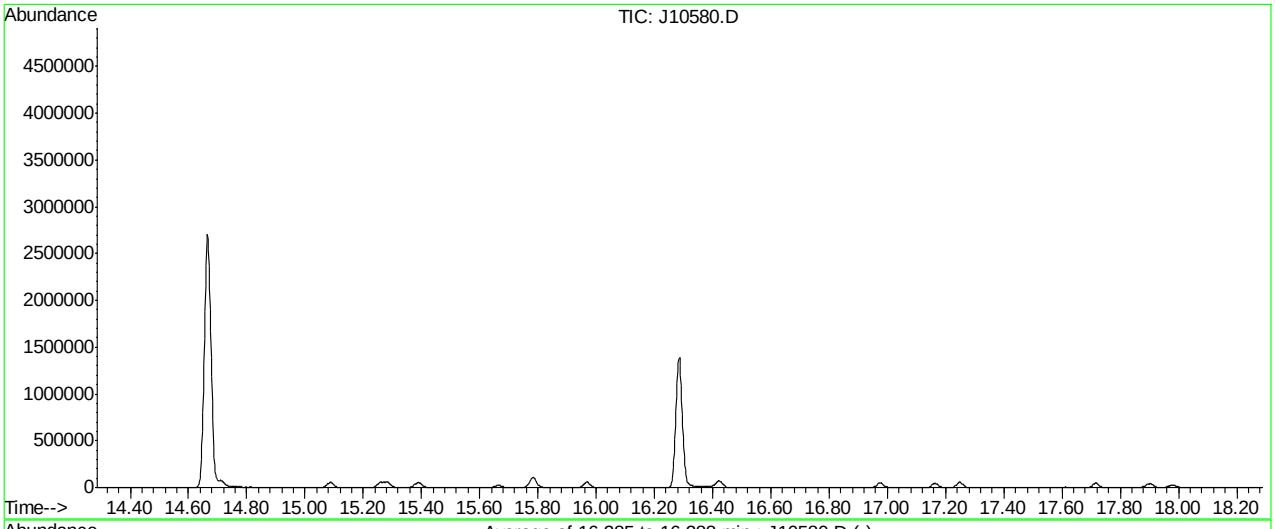
J062507T.M Wed Jun 27 09:46:43 2007 Page: 2

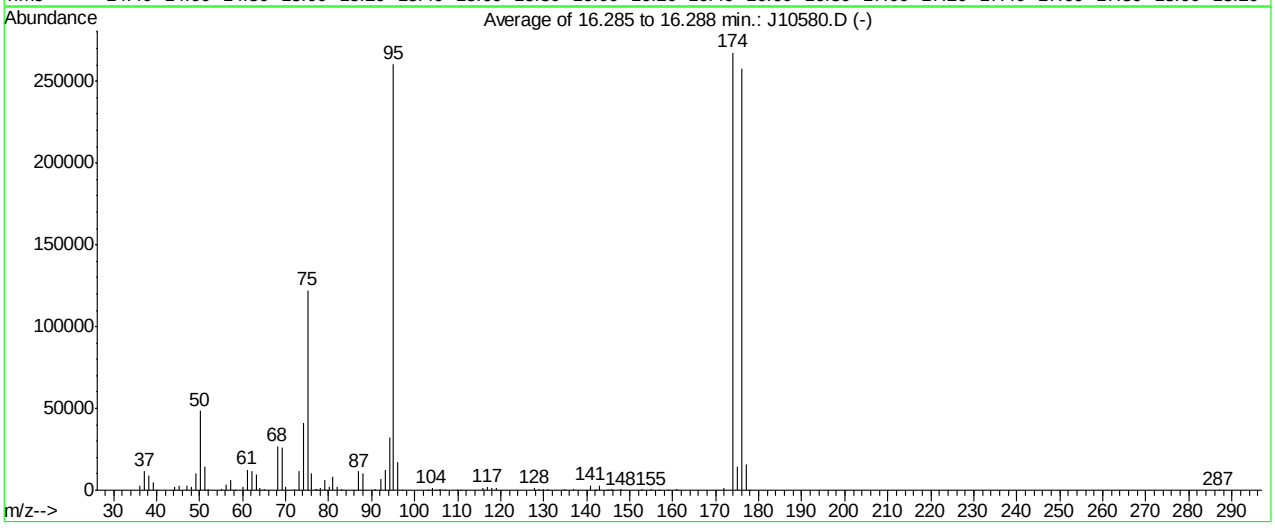
BFB

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

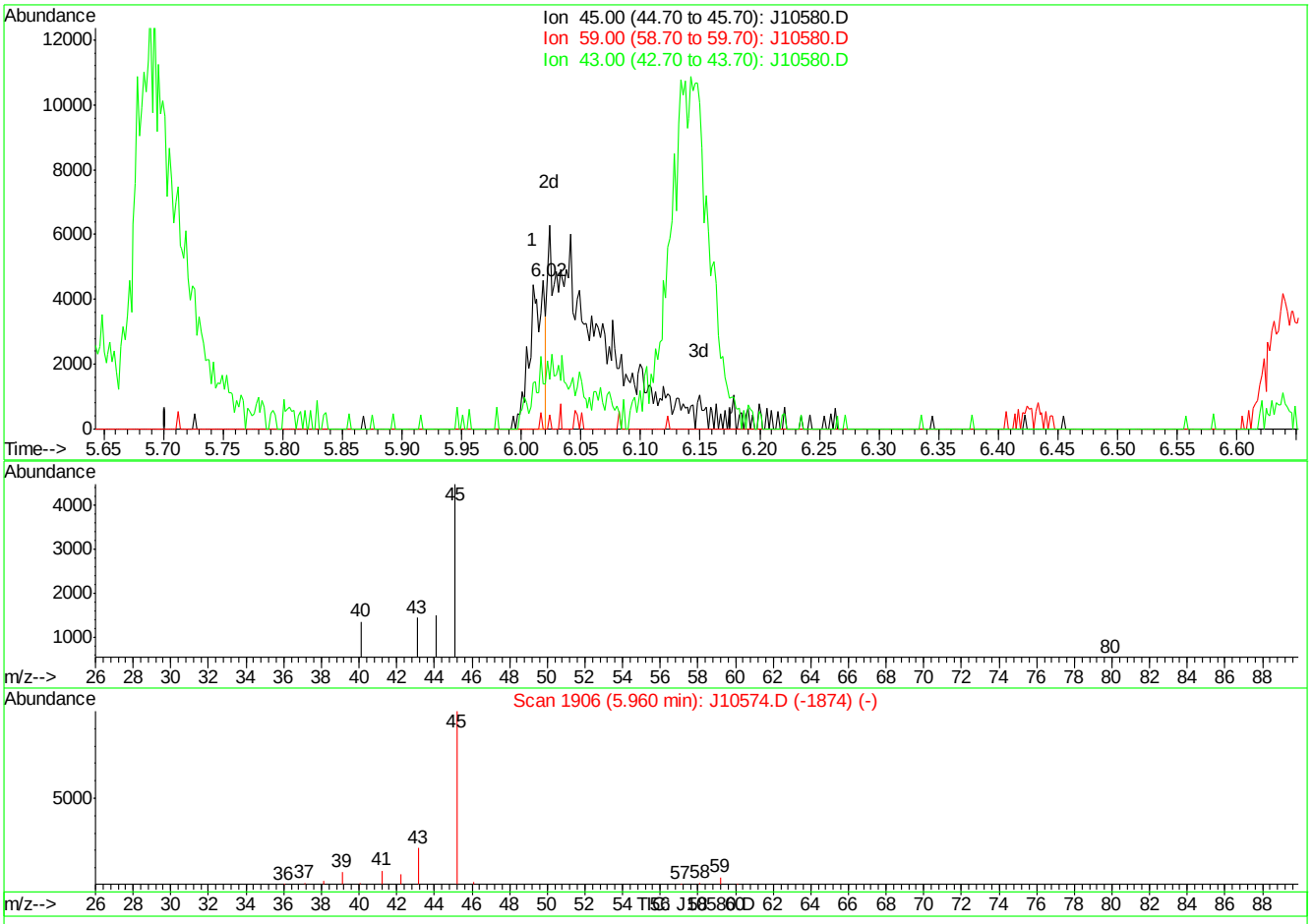
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
94.15	32104	110.70	174	141.00	3045	156.90	219
95.10	260629	115.95	1179	141.90	279	158.80	264
96.10	17365	117.00	1816	142.20	235	160.85	416
97.00	283	117.90	1249	143.00	2549	171.95	1539
103.10	147	119.00	1661	144.70	239	174.00	267626
104.00	1196	127.90	1274	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

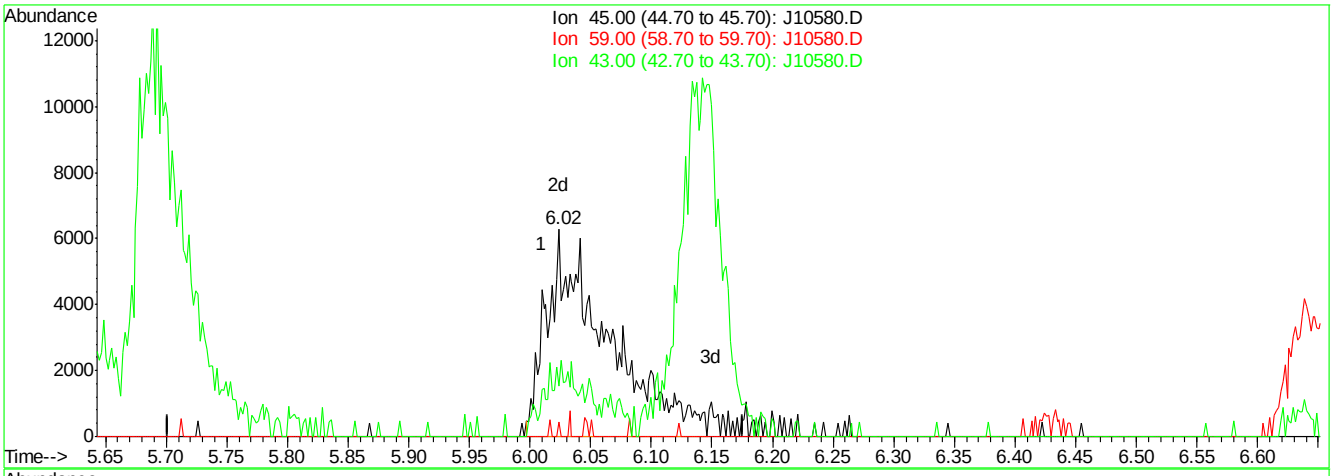
J10580.D J060707T.M Thu Jun 07 10:11:50 2007

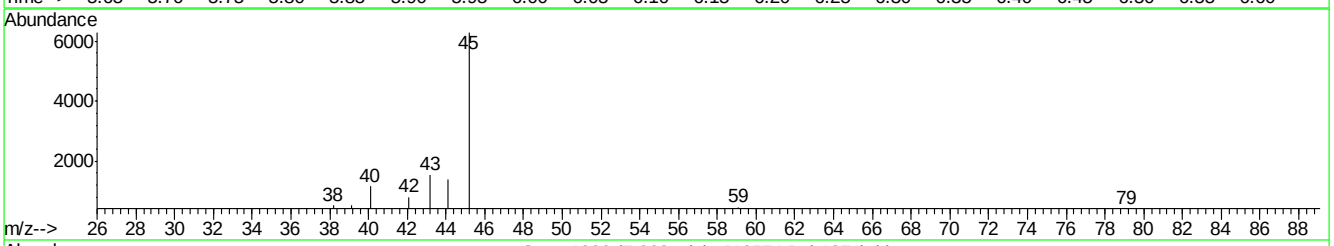
Quantitation Report (Qedit)

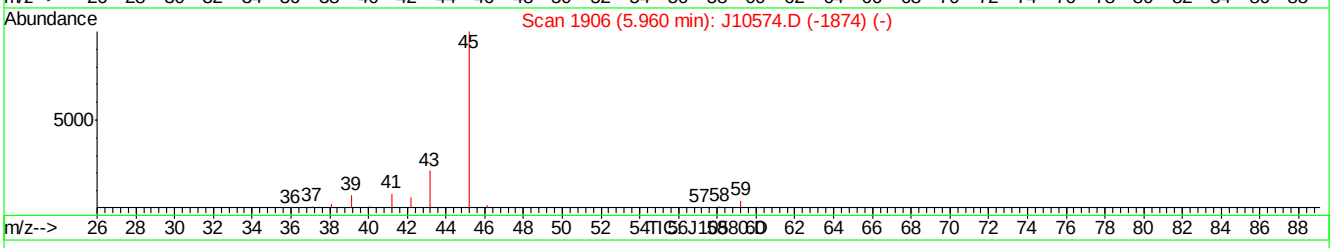
Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

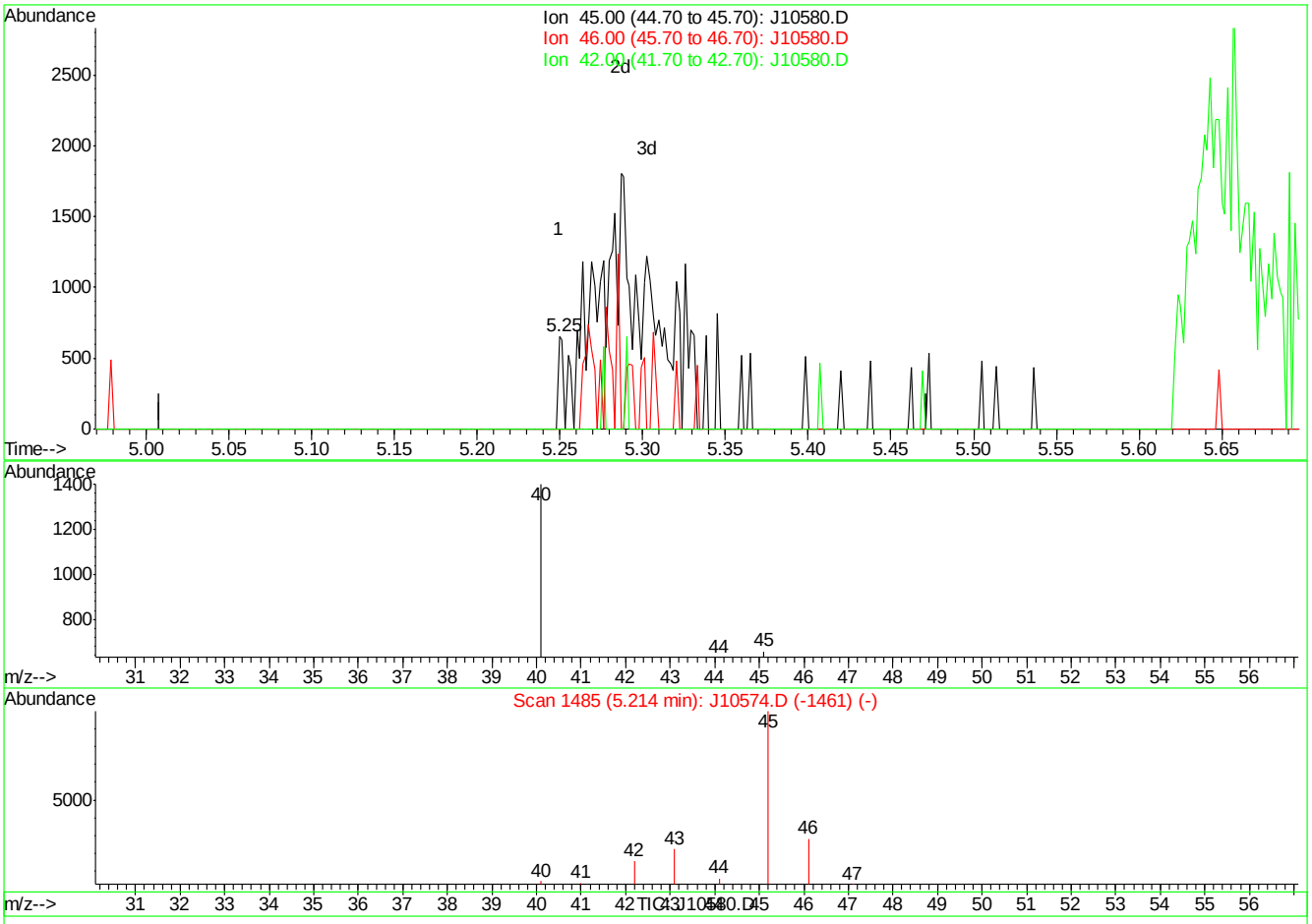
J10580.D J060707T.M Thu Jun 07 10:11:59 2007

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

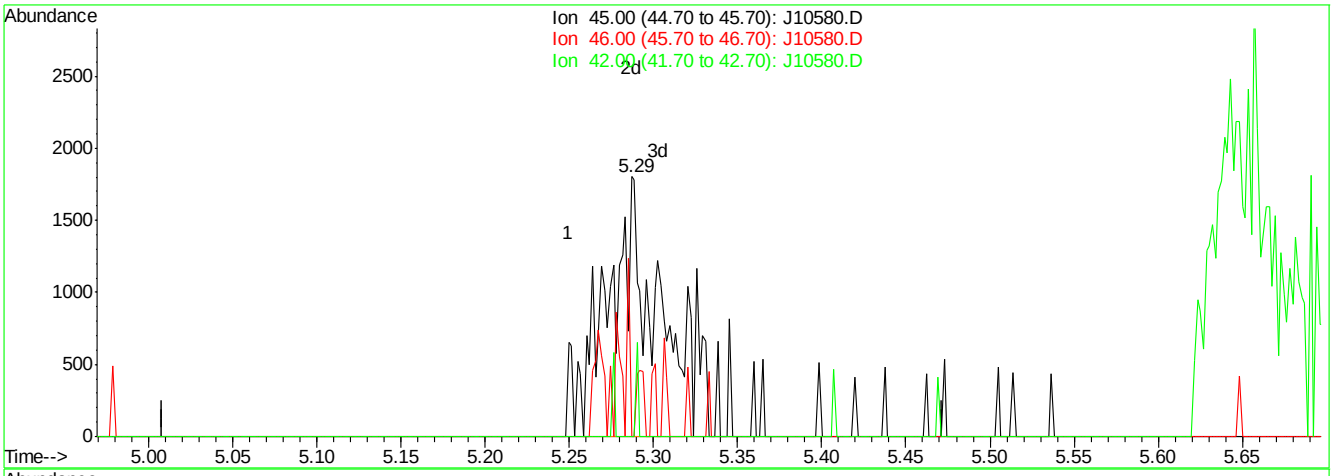
J10580.D J060707T.M Thu Jun 07 10:12:08 2007

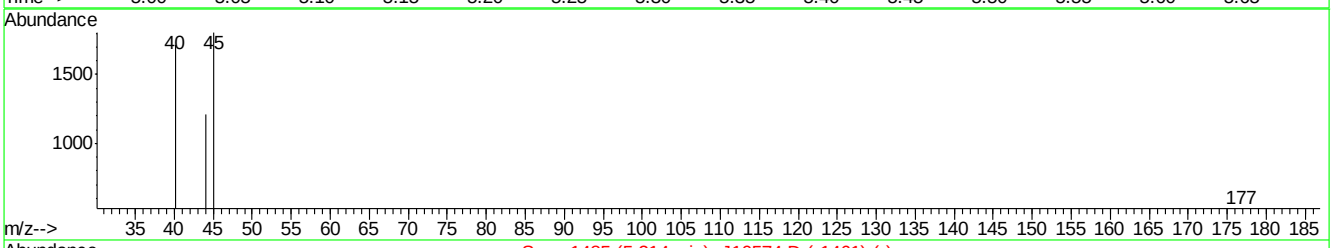
Quantitation Report (Qedit)

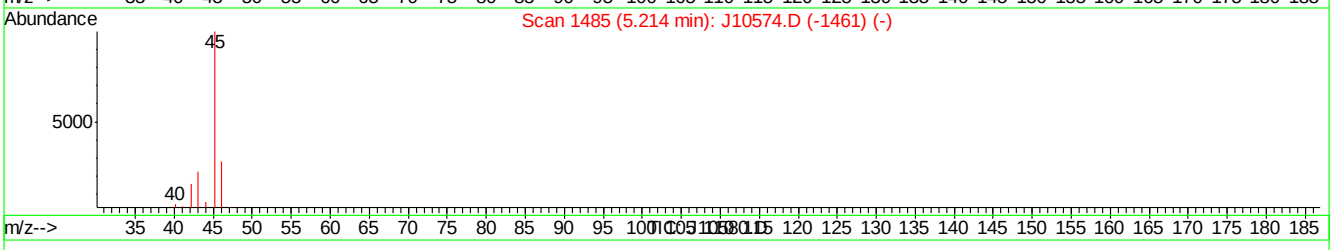
Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

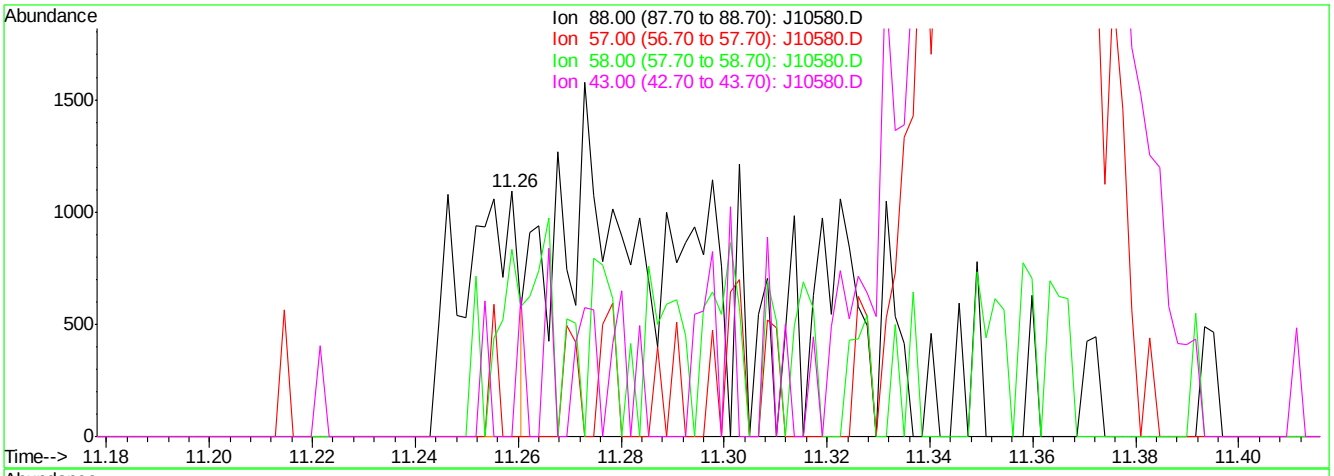
J10580.D J060707T.M Thu Jun 07 10:12:17 2007

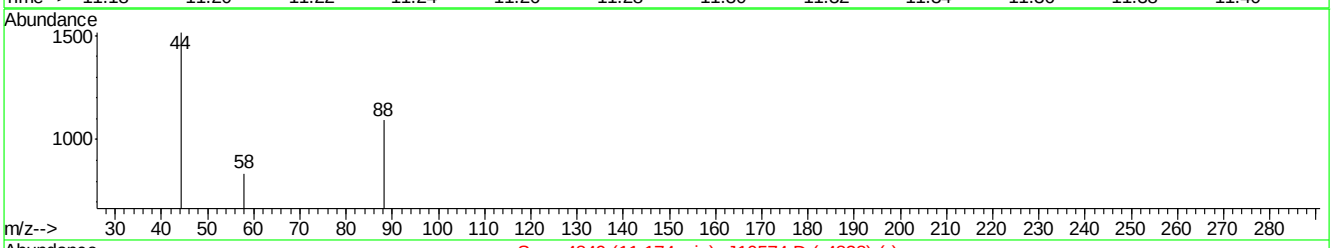
Quantitation Report (Qedit)

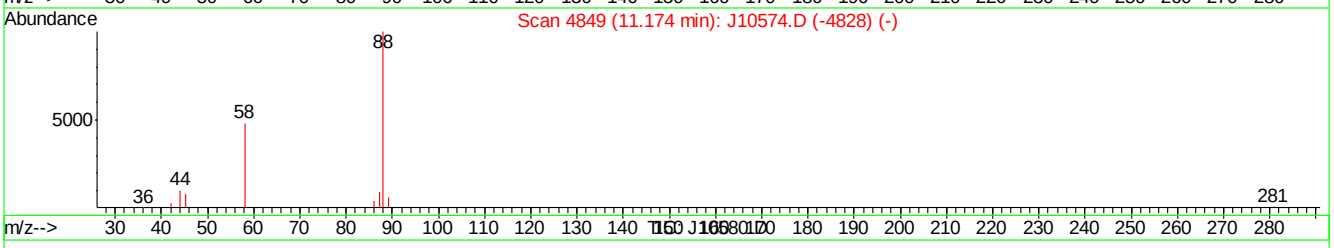
Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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#

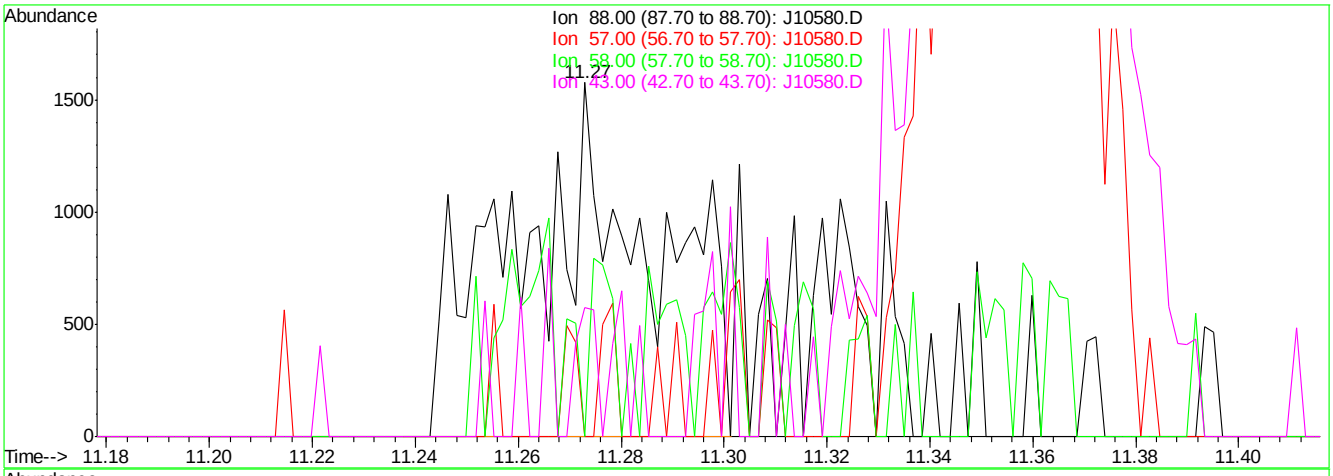
J10580.D J060707T.M Thu Jun 07 10:12:45 2007

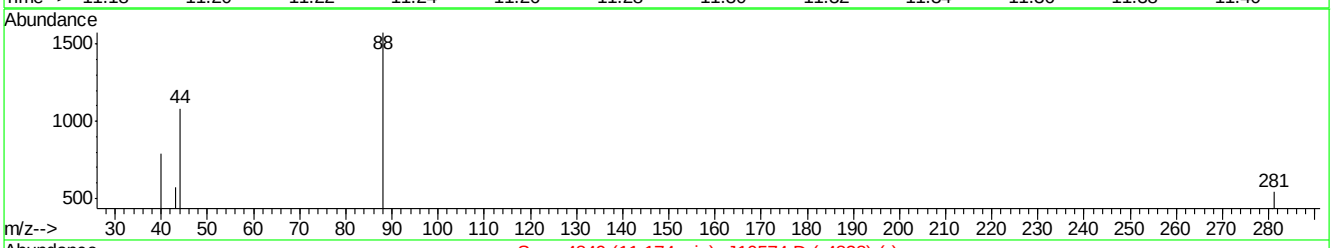
Quantitation Report (Qedit)

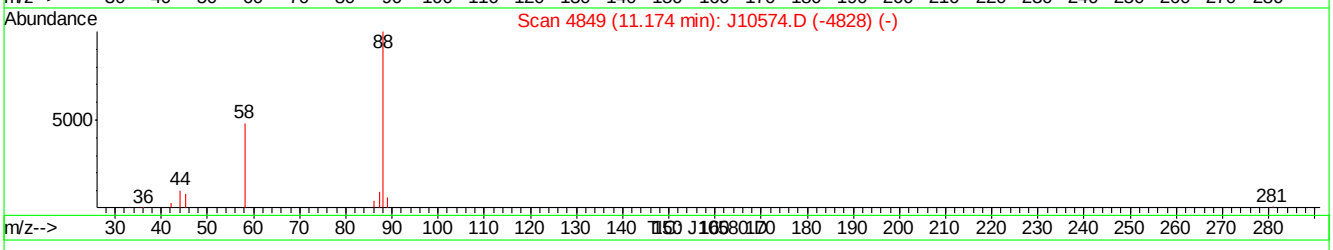
Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

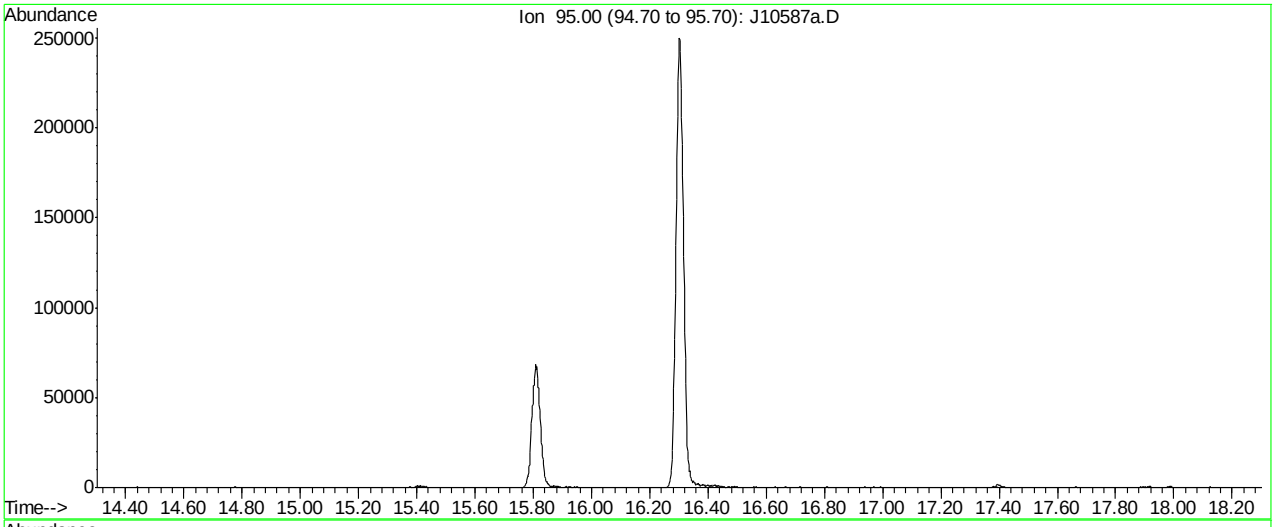
J10580.D J060707T.M Thu Jun 07 10:12:52 2007

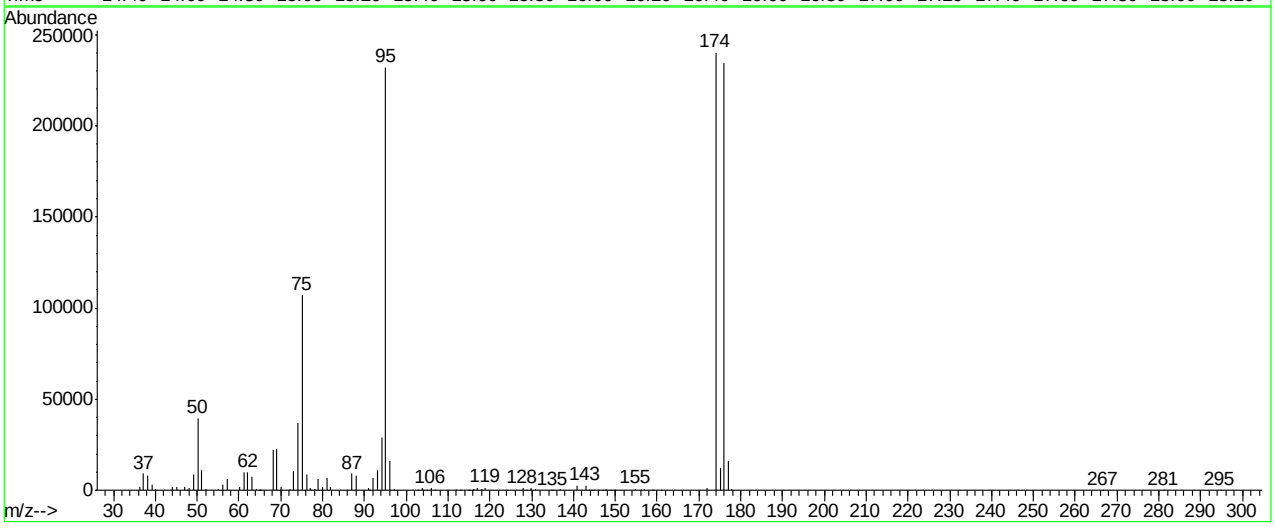
BFB

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)

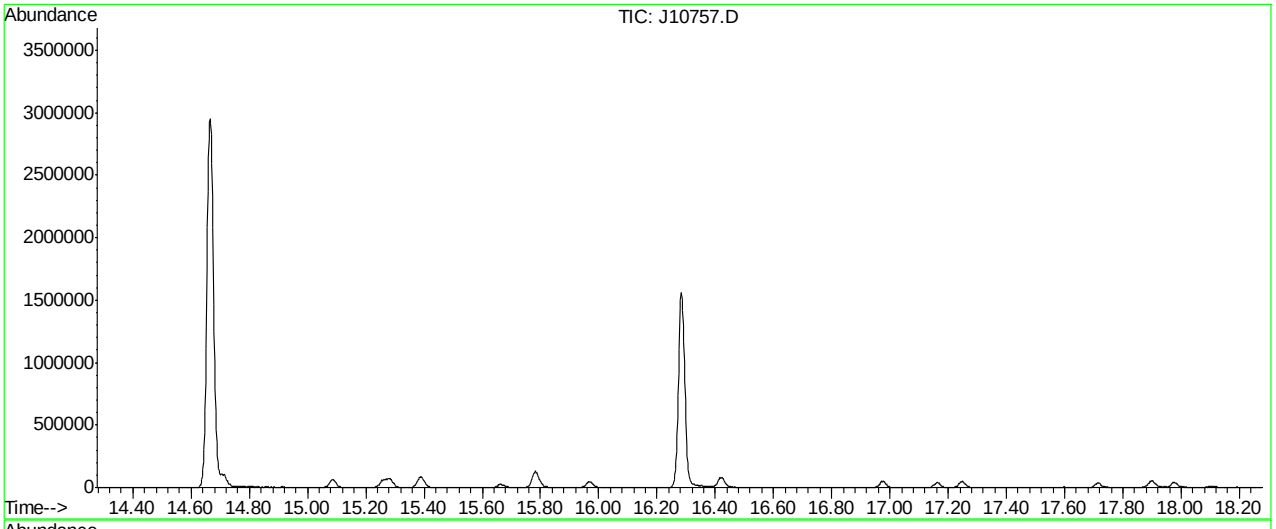
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
156.20	49	266.70	44				
156.90	359	281.10	45				
158.75	160	294.70	52				
158.95	119						
160.90	189						
171.95	970						
174.00	240270						
175.05	12172						
176.00	234552						
177.00	15830						
177.85	451						

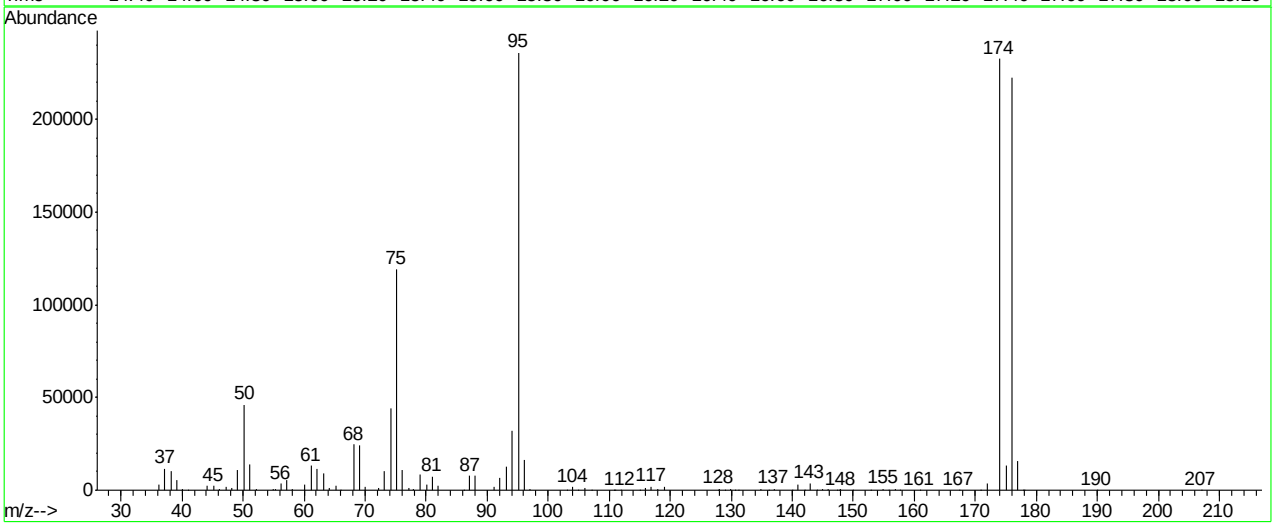
BFB

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)

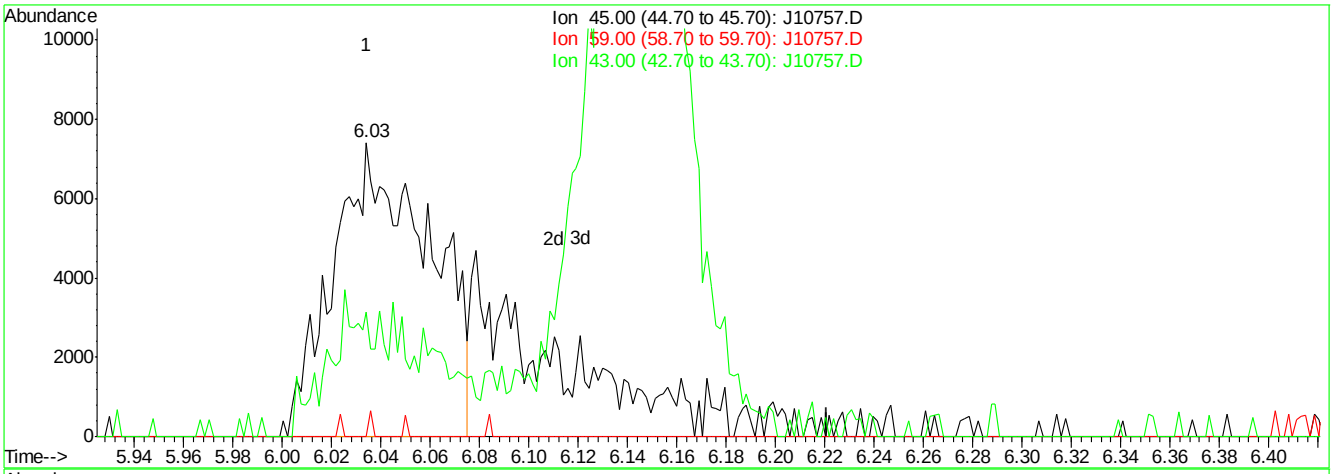
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
157.70	216	189.90	149				
160.90	252	207.00	144				
167.30	185						
170.90	169						
172.00	3719						
174.00	232533						
175.10	13538						
176.00	222378						
177.00	15745						
177.80	173						
178.10	138						

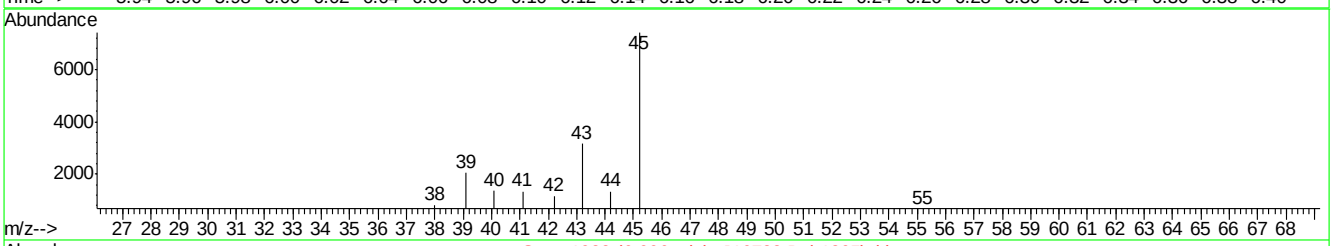
Quantitation Report (Qedit)

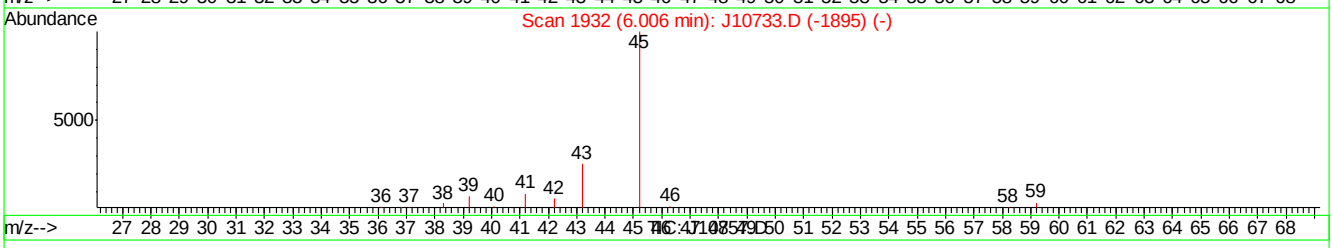
Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

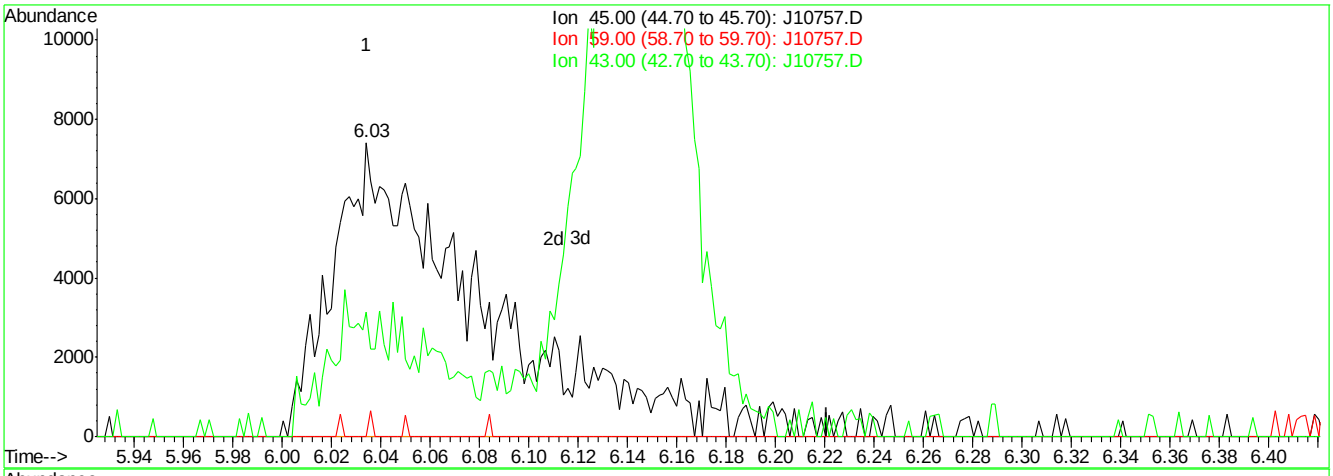
J10757.D J062507T.M Mon Jun 25 10:48:40 2007

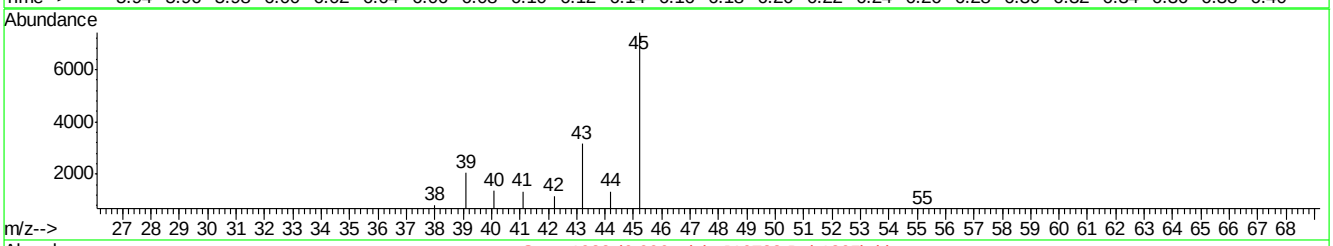
Quantitation Report (Qedit)

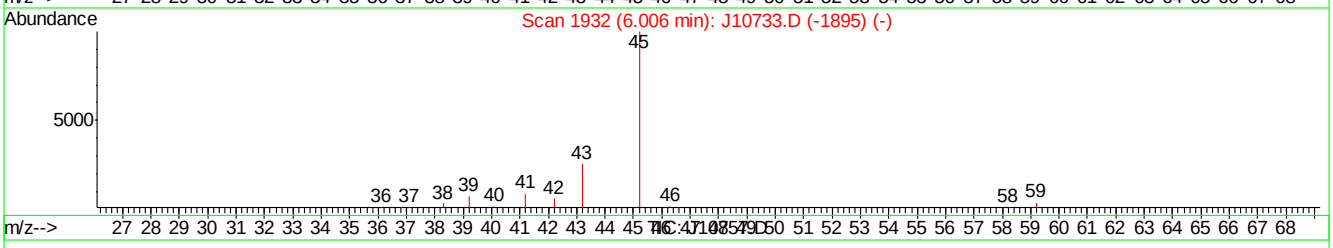
Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

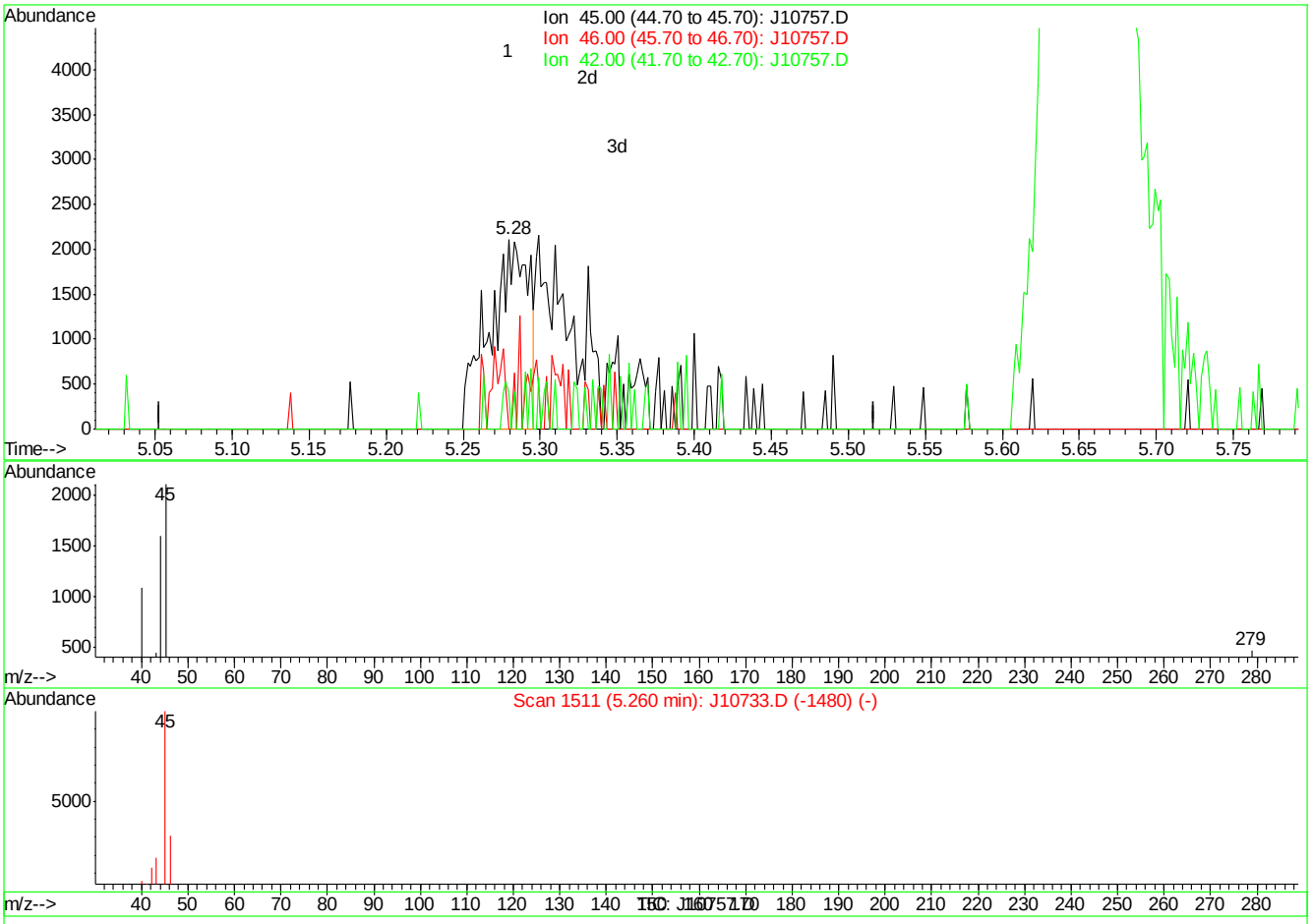
J10757.D J062507T.M Mon Jun 25 10:48:45 2007

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

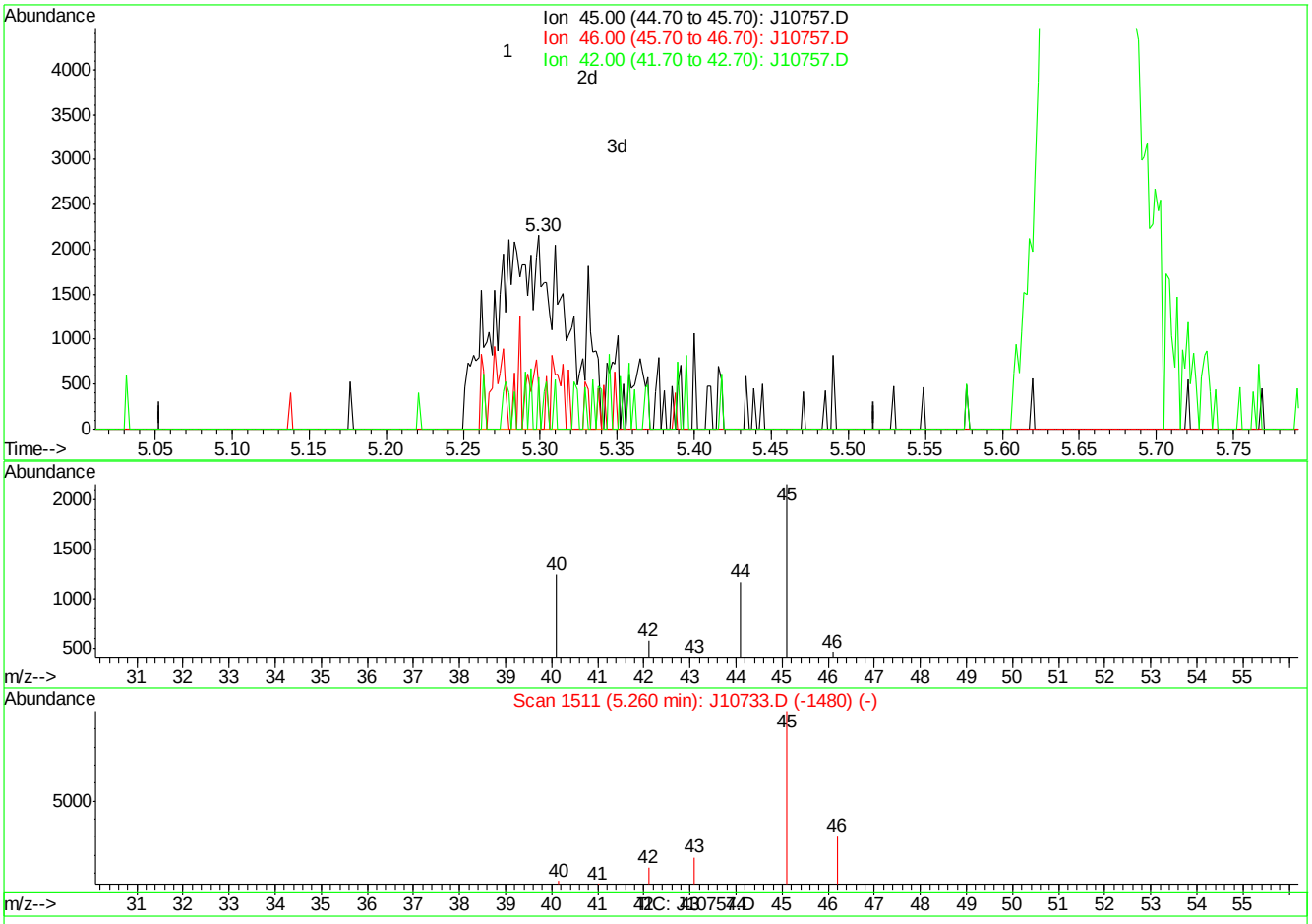
J10757.D J062507T.M Mon Jun 25 10:49:22 2007

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

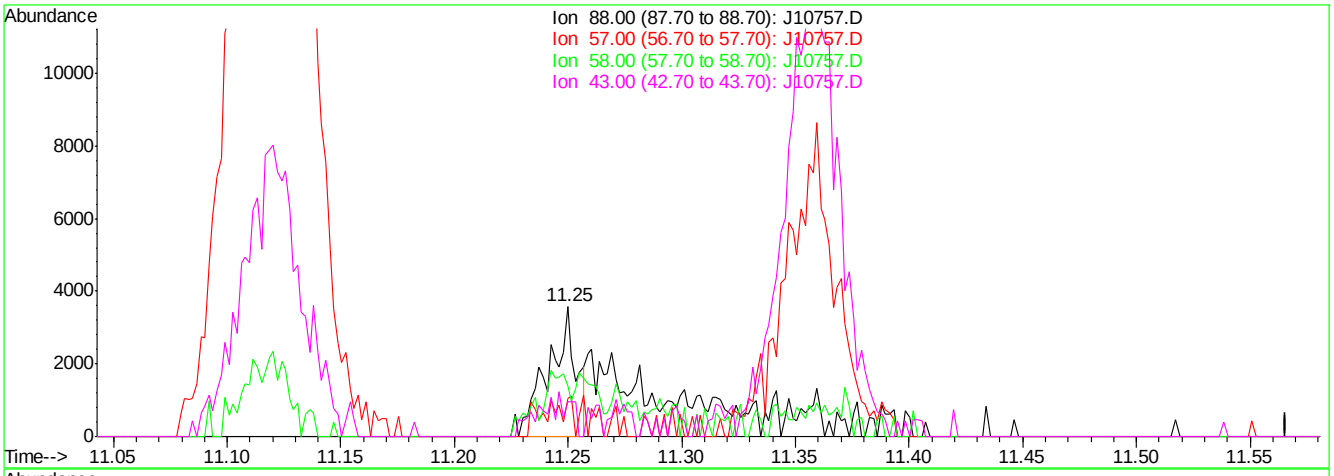
J10757.D J062507T.M Mon Jun 25 10:49:33 2007

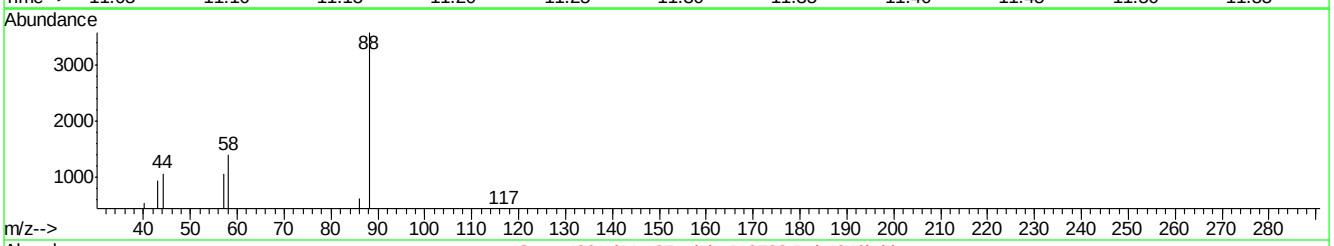
Quantitation Report (Qedit)

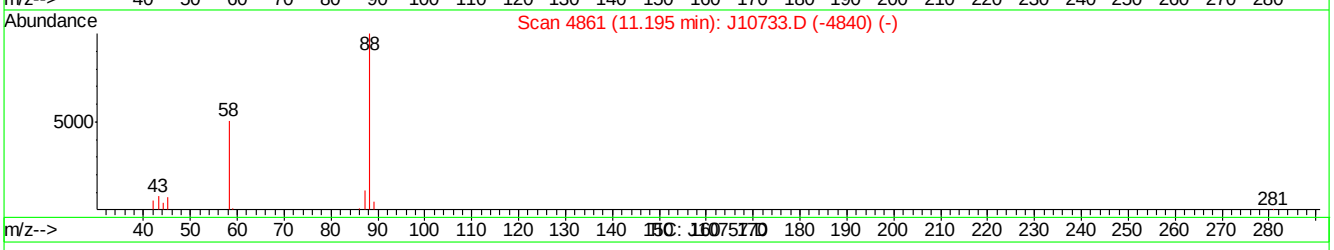
Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

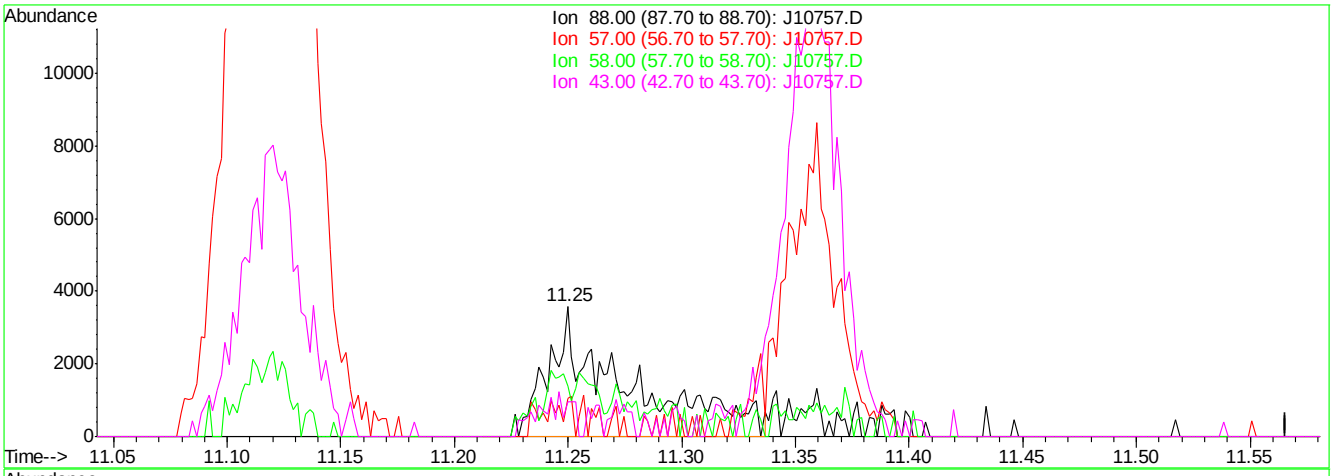
J10757.D J062507T.M Mon Jun 25 10:49:57 2007

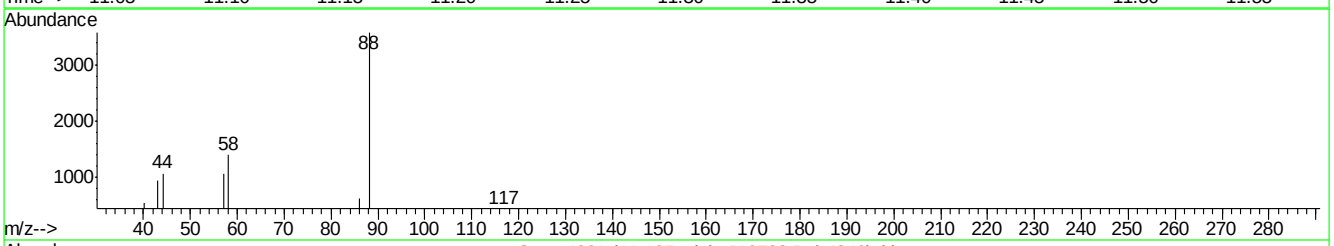
Quantitation Report (Qedit)

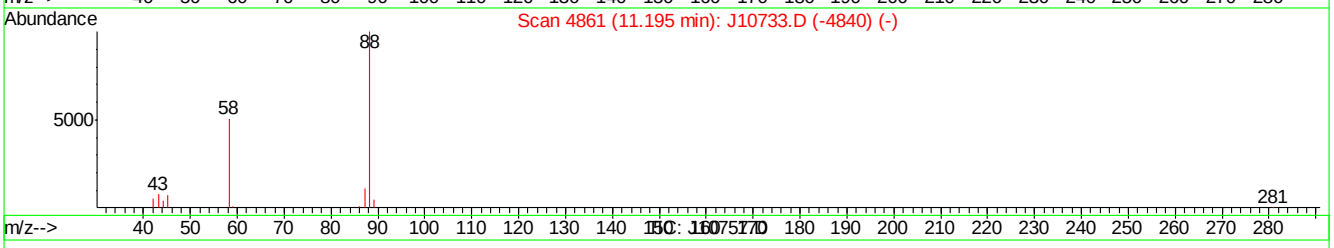
Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

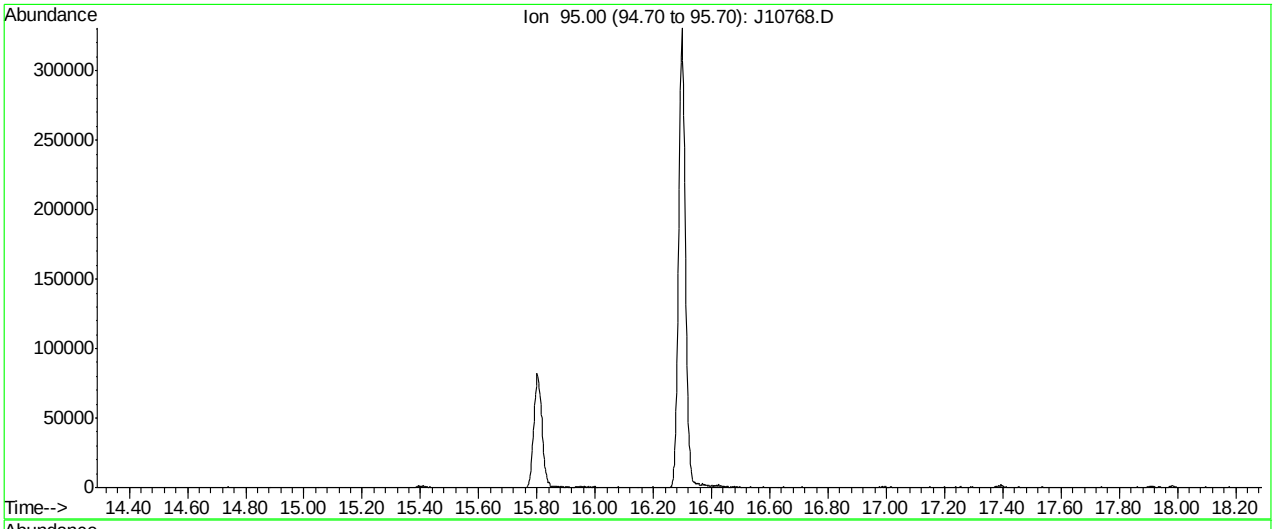
J10757.D J062507T.M Mon Jun 25 10:50:10 2007

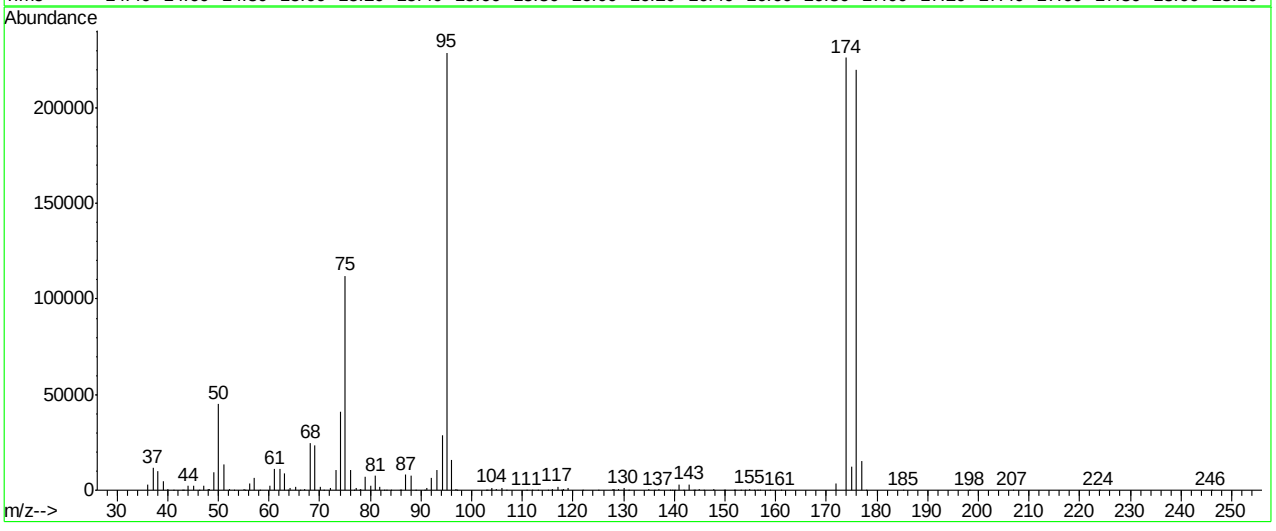
BFB

Data File : C:\MSDChem\1\data\J10768.D
Acq On : 26 Jun 2007 11:20 am
Sample : CC557-10 (M080)
Misc : MS13762, MSJ557,,,,,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 16.281 to 16.299 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	19.7	45008	PASS
75	95	30	66	49.0	112124	PASS
95	95	100	100	100.0	228970	PASS
96	95	5	9	7.0	15941	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	98.8	226221	PASS
175	174	4	9	5.4	12131	PASS
176	174	93	101	97.1	219696	PASS
177	176	5	9	7.0	15326	PASS

J10768.D J062507T.M Tue Jun 26 11:50:11 2007

Average of 16.281 to 16.299 min.: J10768.D
CC557-10 (M080)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.15	2820	47.15	2415	57.15	6582	68.15	24693
37.15	11463	48.05	720	58.20	161	69.10	23301
38.15	10028	48.25	707	60.10	2347	70.10	1942
39.15	4820	49.15	9402	61.15	11113	70.90	50
40.10	831	50.10	45008	62.15	10980	72.15	1041
41.15	86	51.15	13356	63.15	9029	73.15	10438
42.90	43	52.15	664	63.80	48	74.15	40813
43.15	93	53.05	97	64.15	1170	75.10	112124
44.10	2217	55.10	531	65.15	2046	76.15	10452
45.15	2128	55.30	88	66.05	88	76.80	54
46.25	110	56.15	3432	67.10	367	77.10	1381

Average of 16.281 to 16.299 min.: J10768.D
CC557-10 (M080)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
77.85	182	87.05	8109	97.20	112	115.05	221
78.15	587	88.05	7454	102.90	39	116.00	862
79.05	6969	88.90	37	103.10	66	116.95	1875
80.05	2655	90.80	69	103.70	50	117.80	48
81.05	7522	91.10	1469	104.00	1246	117.90	275
81.95	1846	92.05	6756	104.95	670	118.05	699
82.80	62	93.10	10357	105.95	1205	118.95	1325
83.15	141	94.15	28878	106.95	97	122.00	46
84.10	58	95.10	228970	110.95	96	124.90	43
85.80	45	96.10	15941	111.95	215	127.90	440
86.10	63	97.00	435	113.00	47	128.05	523

Average of 16.281 to 16.299 min.: J10768.D
CC557-10 (M080)

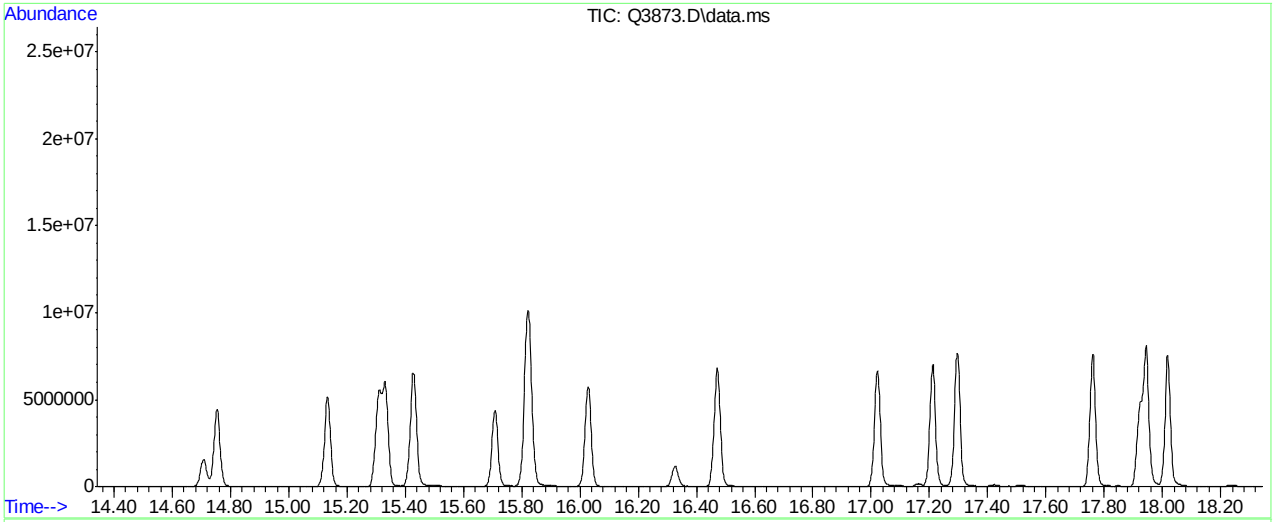
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
129.00	499	142.95	2984	153.90	118	177.00	15326
130.00	1049	143.70	56	154.95	633	177.90	294
130.95	293	144.00	38	155.85	81	185.20	42
134.90	437	144.95	587	156.50	39	198.30	36
136.10	40	145.90	241	156.90	303	206.80	46
136.90	349	147.90	550	158.95	233	223.80	48
139.20	40	149.80	117	161.05	194	246.00	38
139.70	66	149.95	139	172.00	3555		
140.05	85	151.70	51	174.00	226221		
140.95	2805	152.00	46	175.05	12131		
141.90	187	153.00	110	176.00	219696		

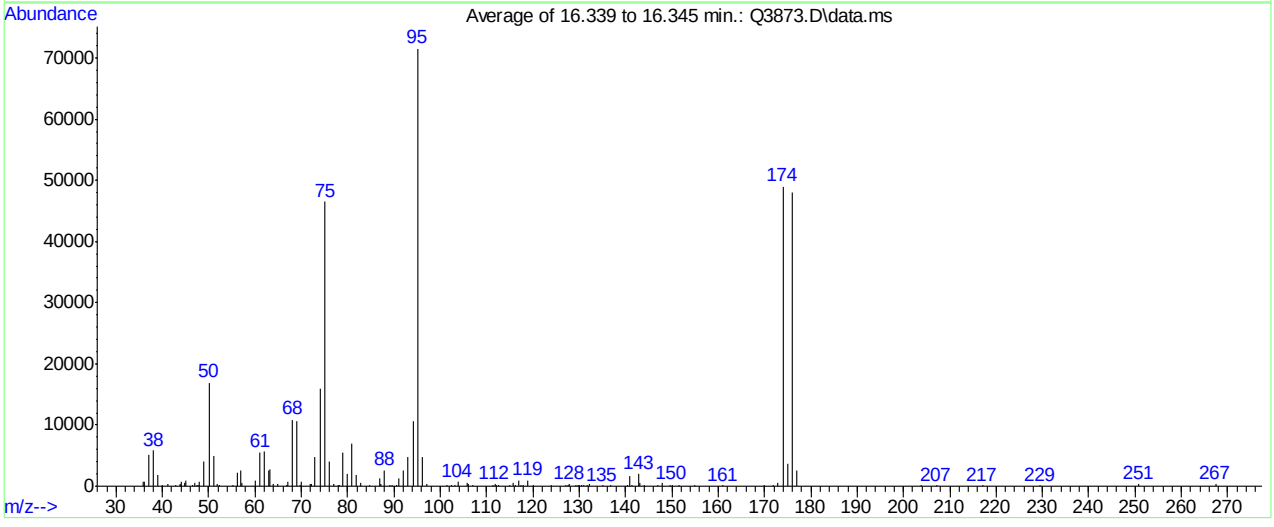
BFB

Data File : C:\msdchem\1\DATA\Q3873.D
Acq On : 2 Jul 2007 1:10 pm
Sample : IC208-40 (M185)
Misc : MS13857, MSQ208,,,,,1
MS Integration Params: LSCINT.P

Vial: 1
Operator: PhilipB
Inst : MAMSQ
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\Q070207T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.339 to 16.345 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	23.6	16884	PASS
75	95	30	66	64.9	46470	PASS
95	95	100	100	100.0	71556	PASS
96	95	5	9	6.8	4850	PASS
173	174	0.00	2	1.1	519	PASS
174	95	50	120	68.4	48930	PASS
175	174	4	9	7.4	3607	PASS
176	174	93	101	98.3	48098	PASS
177	176	5	9	5.2	2494	PASS

Q3873.D Q070207T.m Tue Jul 03 09:12:07 2007 RPT1

Average of 16.339 to 16.345 min.: Q3873.D\data.ms
IC208-40 (M185)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.95	745	44.90	497	52.30	107	64.85	301
36.20	692	45.10	965	55.20	223	66.80	132
37.10	5057	46.40	102	56.10	2266	67.05	749
38.15	5814	47.05	471	57.00	2656	68.10	10827
39.05	1880	47.40	222	57.20	572	69.05	10681
39.90	119	47.70	203	60.10	913	69.80	130
41.20	306	47.95	741	61.05	5541	70.05	822
42.90	180	48.95	4047	62.10	5634	71.90	342
43.80	200	50.10	16884	62.90	2643	72.05	286
43.90	374	51.10	4883	63.20	2664	73.00	4762
44.05	667	51.90	444	63.90	447	74.10	15870

Average of 16.339 to 16.345 min.: Q3873.D\data.ms
IC208-40 (M185)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
75.10	46470	86.95	1294	96.05	4850	112.10	172
76.05	4095	87.20	345	97.00	324	112.70	208
76.95	370	88.00	2622	101.40	122	115.00	129
77.90	175	89.10	138	102.50	123	115.80	569
78.30	273	89.60	131	103.10	149	116.30	191
79.00	5517	90.60	231	103.85	706	116.85	877
80.00	2081	90.95	1219	105.75	586	117.50	167
81.00	7025	91.95	2520	106.00	386	117.95	261
81.95	1754	93.00	4731	106.95	244	118.95	999
82.90	546	94.10	10689	111.30	133	120.10	175
84.70	120	95.10	71556	111.80	302	124.00	110

Average of 16.339 to 16.345 min.: Q3873.D\data.ms
IC208-40 (M185)

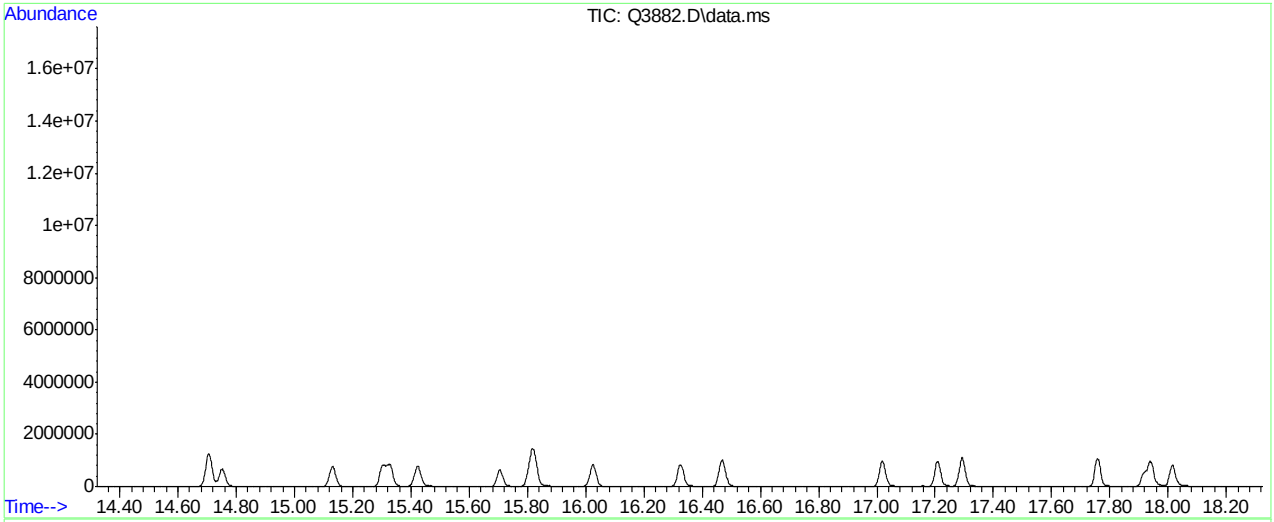
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
127.00	246	136.70	227	151.60	140	207.10	148
127.70	143	140.40	134	154.90	101	217.10	122
127.90	328	140.90	1654	161.00	154	229.50	128
129.20	101	141.40	104	170.00	131	250.80	362
129.70	267	142.90	1946	171.90	258	267.40	327
130.00	189	143.10	538	172.75	519		
130.60	103	144.00	241	173.95	48930		
130.90	270	146.90	257	175.00	3607		
131.80	228	147.90	505	175.95	48098		
132.20	300	149.60	146	176.90	2494		
135.00	112	150.00	207	203.70	113		

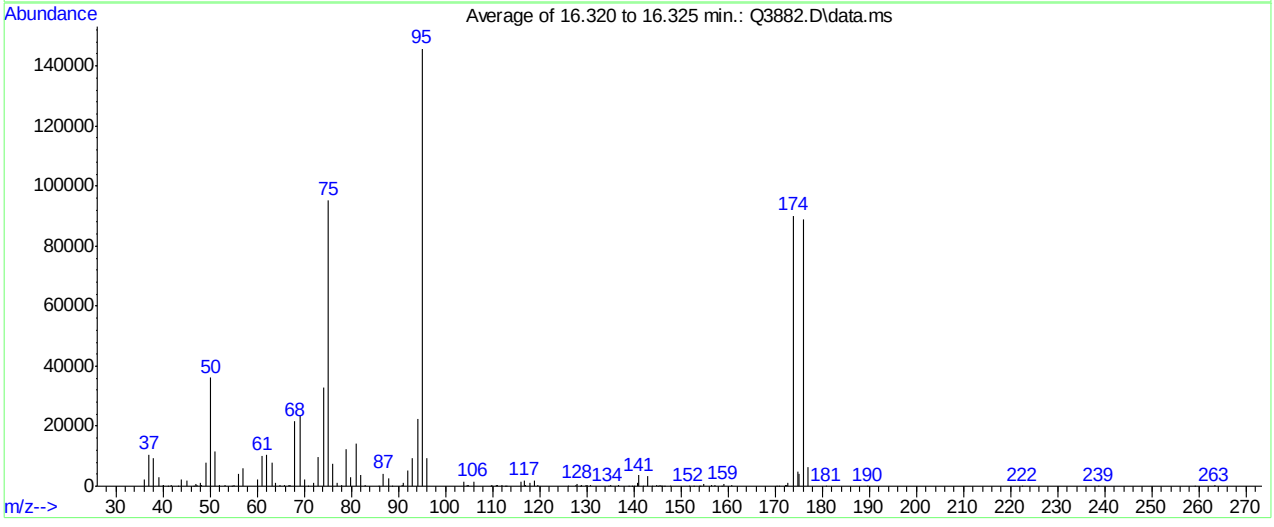
BFB

Data File : C:\msdchem\1\DATA\Q3882.D
Acq On : 2 Jul 2007 7:38 pm
Sample : CC208-10 (M189)
Misc : MS13877, MSQ209,,,,,1
MS Integration Params: LSCINT.P

Vial: 3
Operator: PhilipB
Inst : MAMSQ
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\Q070207T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.320 to 16.325 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	24.8	36134	PASS
75	95	30	66	65.4	95398	PASS
95	95	100	100	100.0	145840	PASS
96	95	5	9	6.4	9269	PASS
173	174	0.00	2	1.1	965	PASS
174	95	50	120	61.8	90180	PASS
175	174	4	9	5.2	4726	PASS
176	174	93	101	98.6	88914	PASS
177	176	5	9	7.0	6254	PASS

Q3882.D Q070207T.m Tue Jul 03 09:26:35 2007 RPT1

Average of 16.320 to 16.325 min.: Q3882.D\data.ms
CC208-10 (M189)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	2194	46.40	151	55.00	461	67.05	289
37.05	10649	46.95	763	56.10	4302	68.00	21764
38.05	9190	47.30	315	57.05	6011	69.05	23628
39.05	3063	47.95	1181	60.00	2200	70.00	2116
40.00	330	48.20	249	61.10	10092	70.70	176
40.20	399	49.05	7806	62.05	10344	71.95	1222
41.10	126	50.10	36134	63.15	7979	73.05	9616
41.80	355	51.10	11441	64.00	1100	74.05	32886
43.30	173	52.00	335	64.95	541	75.10	95398
43.95	2343	53.10	243	65.70	271	76.10	7608
45.00	2006	54.50	162	66.80	476	77.10	1165

Average of 16.320 to 16.325 min.: Q3882.D\data.ms
CC208-10 (M189)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
77.85	412	91.05	984	109.80	353	119.70	215
79.00	12308	92.00	5105	110.70	334	126.10	119
79.95	3185	92.95	9272	111.10	257	127.75	548
81.00	14323	94.05	22602	111.95	298	128.05	819
82.00	3652	95.05	145840	112.70	132	128.70	131
83.00	312	96.10	9269	112.90	165	128.95	462
85.70	186	103.90	1391	115.95	1410	129.80	243
86.85	4128	104.50	262	116.85	1966	130.05	467
87.95	2618	104.90	335	117.10	366	130.70	272
88.60	132	105.95	1612	117.90	1306	134.50	162
90.90	258	109.60	122	118.95	1800	135.00	238

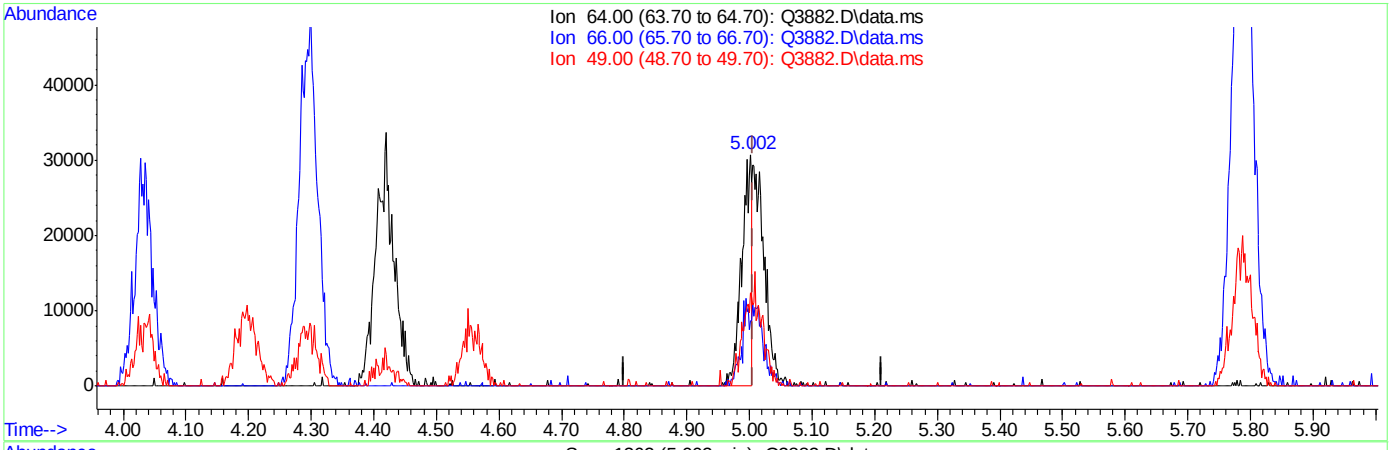
Average of 16.320 to 16.325 min.: Q3882.D\data.ms
CC208-10 (M189)

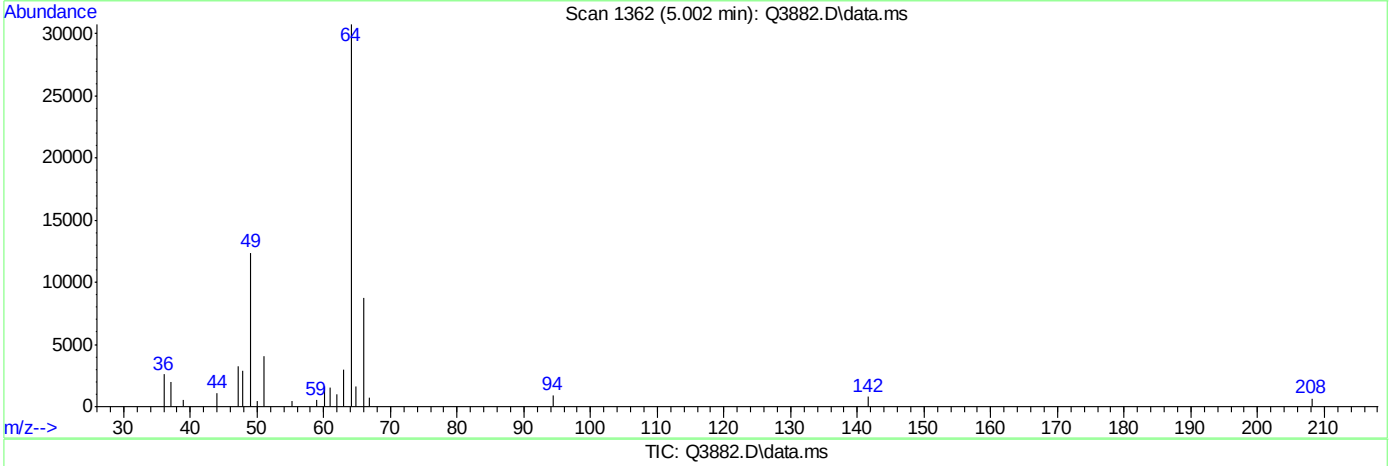
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
136.80	397	145.60	341	157.20	396	175.05	4307
139.00	134	145.80	115	158.60	103	175.95	88914
139.70	146	146.10	104	159.05	711	177.05	6254
140.10	185	146.40	104	160.80	328	180.90	173
140.90	963	147.60	108	170.30	127	189.70	183
141.05	3563	151.70	156	170.90	126	222.50	136
142.00	165	152.80	144	172.10	278	238.70	145
142.95	3220	153.90	122	172.40	204	259.20	137
143.90	113	154.20	147	172.80	965	263.40	226
144.85	324	154.90	640	173.95	90180		
145.10	121	156.55	326	174.90	4726		

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3882.D
Acq On : 2 Jul 2007 7:38 pm
Operator : PhilipB
Sample : CC208-10 (M189)
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 09:24:47 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration





TIC: Q3882.D\data.ms

(9) CHLOROETHANE (m)

5.002min (-0.003) 4.29PPBV

response 34377

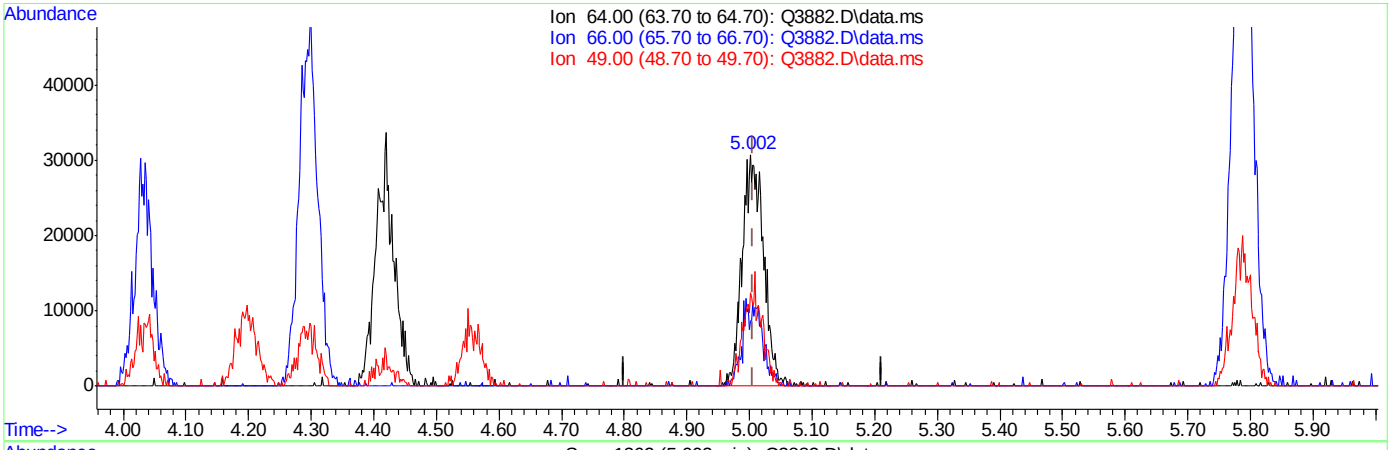
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	38.37
49.00	36.50	83.54#
0.00	0.00	0.00

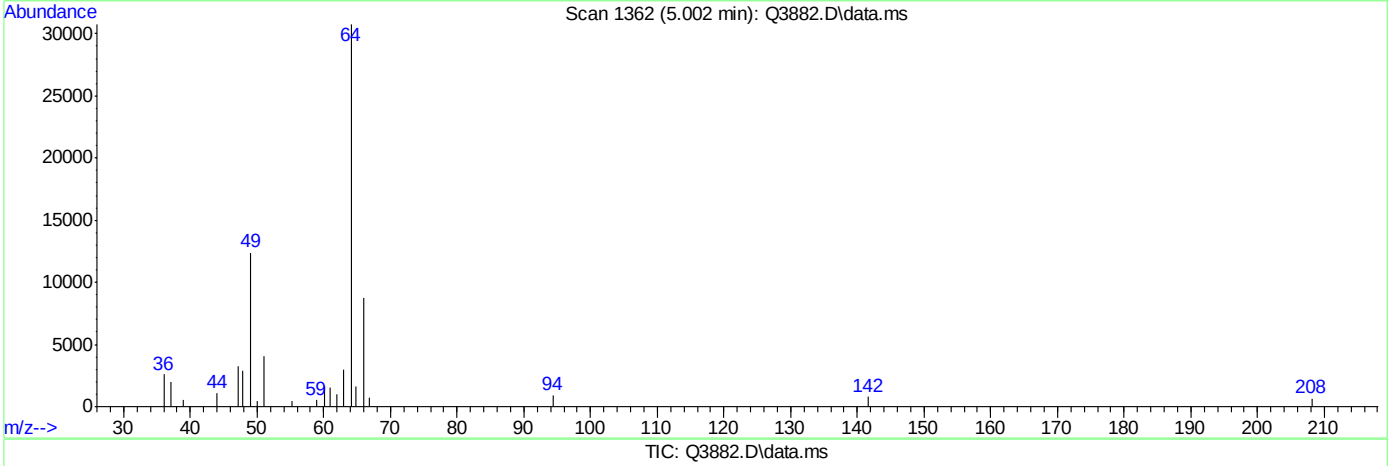
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3882.D
Acq On : 2 Jul 2007 7:38 pm
Operator : PhilipB
Sample : CC208-10 (M189)
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 09:24:47 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration





TIC: Q3882.D\data.ms

(9) CHLOROETHANE (m)

5.002min (-0.003) 9.19PPBV m

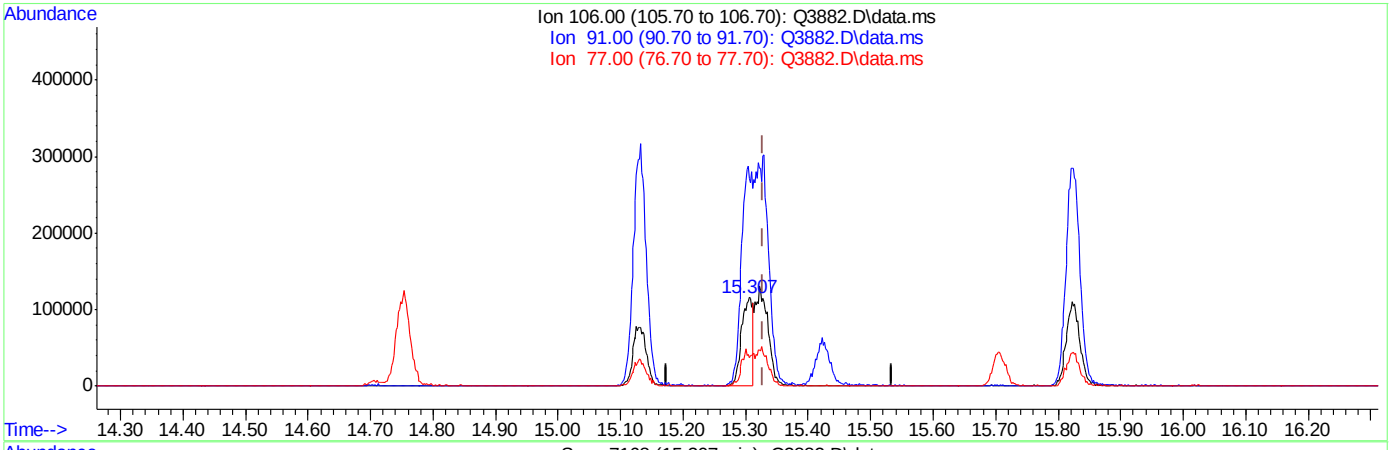
response 73599

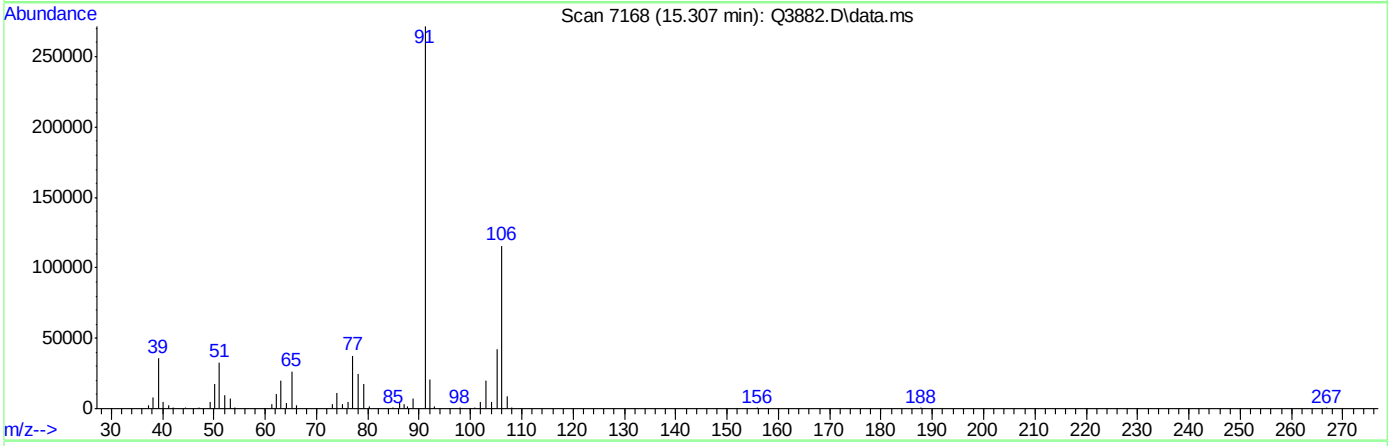
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	17.92
49.00	36.50	39.02
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3882.D
Acq On : 2 Jul 2007 7:38 pm
Operator : PhilipB
Sample : CC208-10 (M189)
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 09:24:47 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration





TIC: Q3882.D\data.ms

(56) m,p-XYLENE (m)

15.307min (-0.022) 7.50PPBV

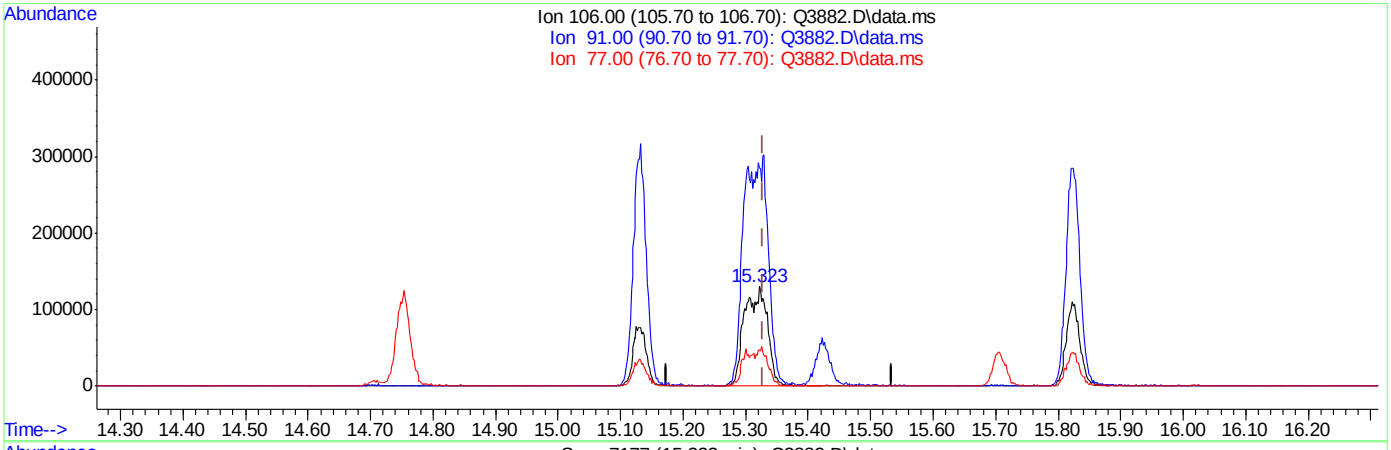
response 145617

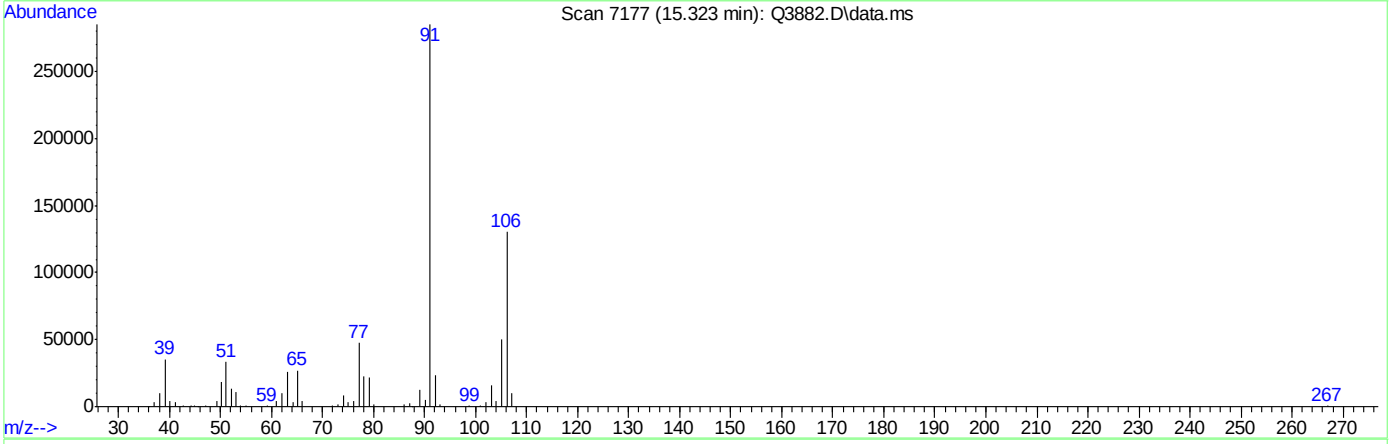
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	234.46
77.00	27.30	32.68
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3882.D
Acq On : 2 Jul 2007 7:38 pm
Operator : PhilipB
Sample : CC208-10 (M189)
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 09:24:47 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration





TIC: Q3882.D\data.ms

(56) m,p-XYLENE (m)

15.323min (-0.006) 17.22PPBV m

response 334141

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	218.59
77.00	27.30	36.40#
0.00	0.00	0.00

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

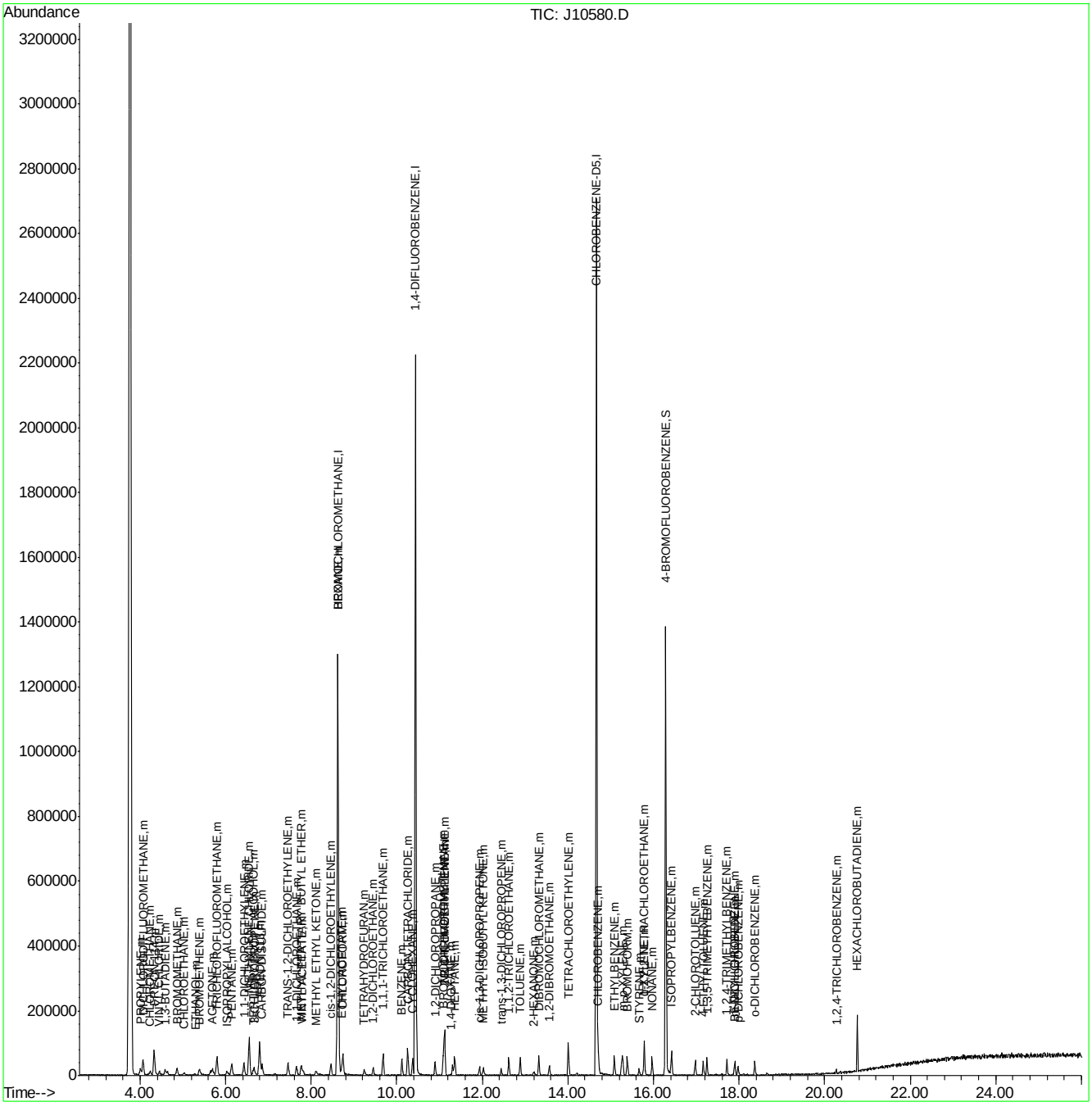
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.02	43	18426	0.42	PPBV	92
45) cis-1,3-DICHLOROPROPENE	11.93	75	13208	0.31	PPBV	95
46) TOLUENE	12.89	92	22951	0.38	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.44	75	10082	0.31	PPBV	97
48) 1,1,2-TRICHLOROETHANE	12.62	83	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

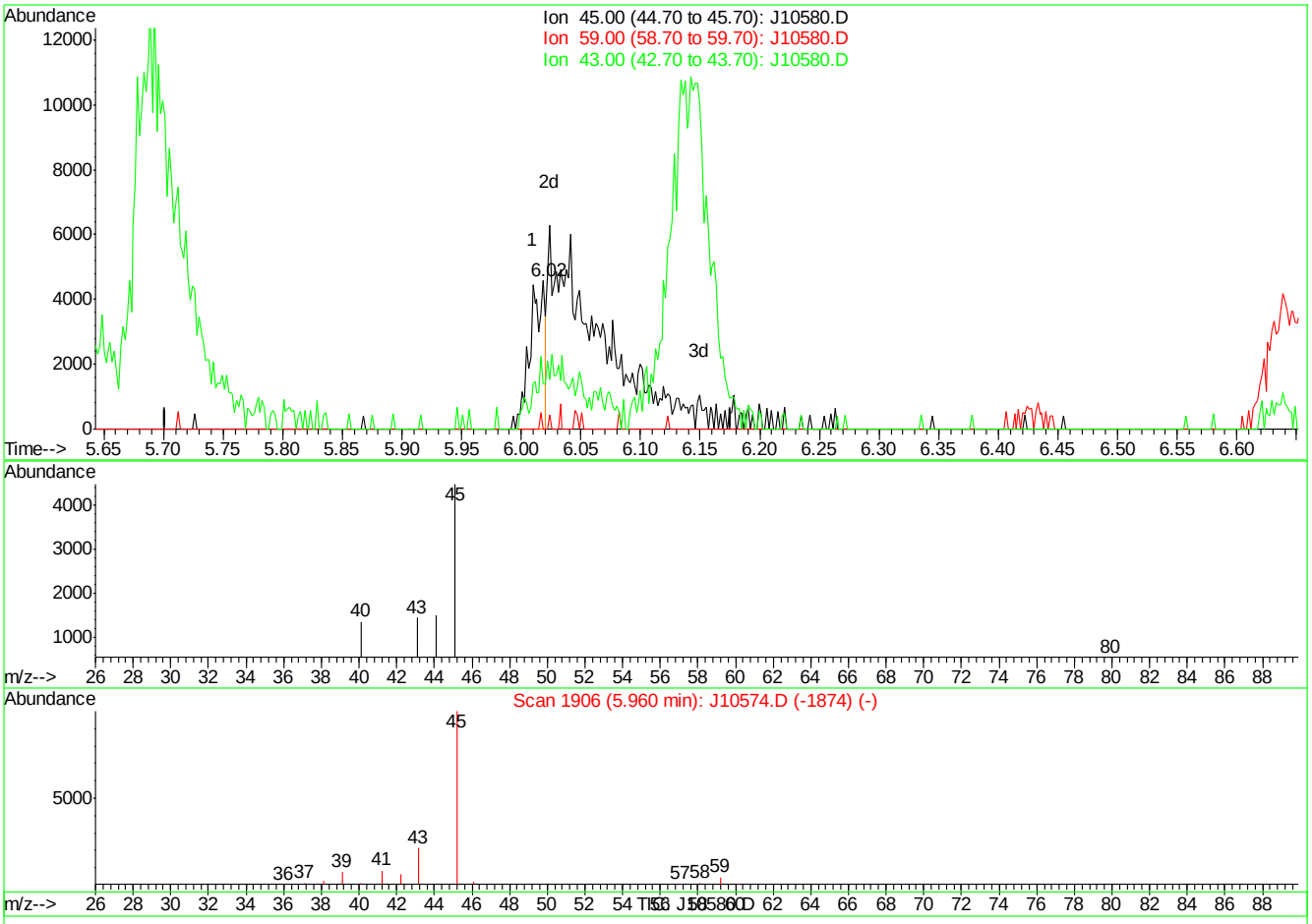


Quantitation Report (Qedit)

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

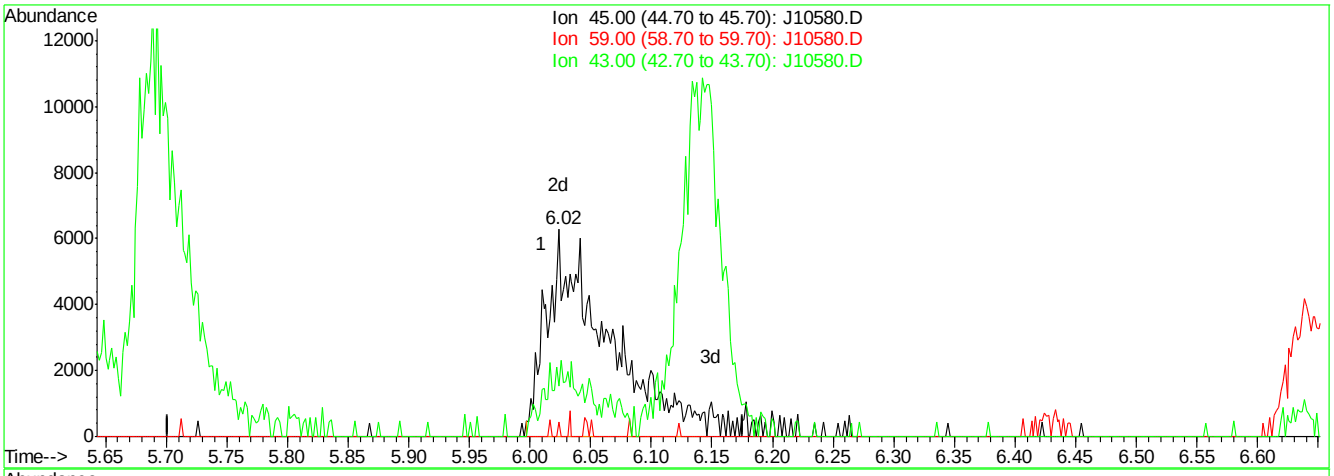
J10580.D J060707T.M Thu Jun 07 10:11:50 2007

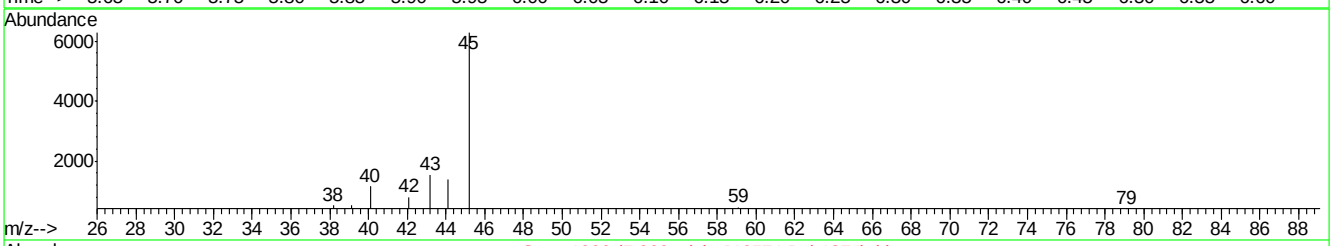
Quantitation Report (Qedit)

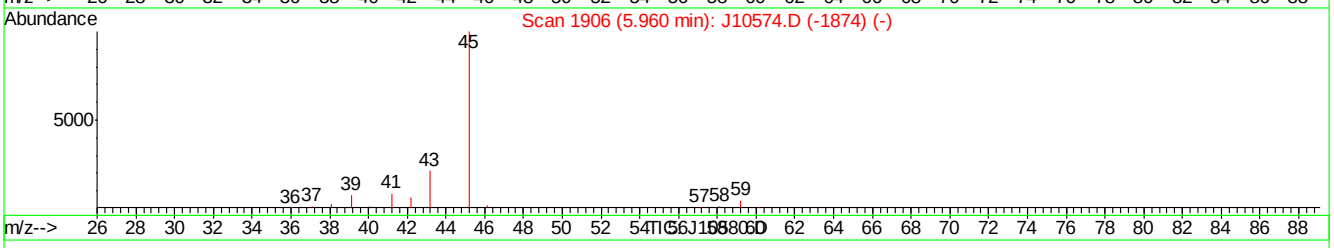
Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

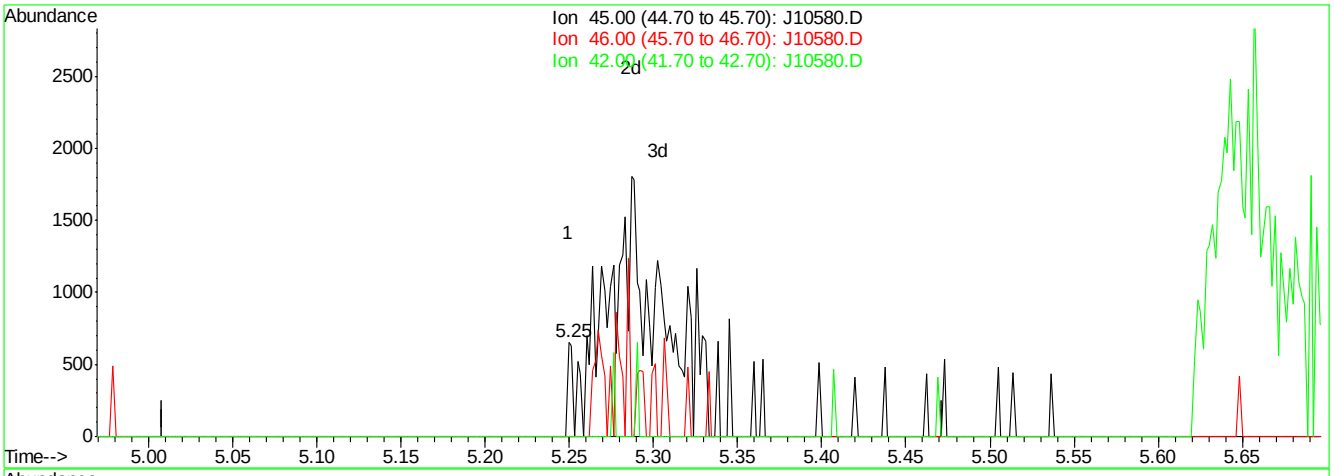
J10580.D J060707T.M Thu Jun 07 10:11:59 2007

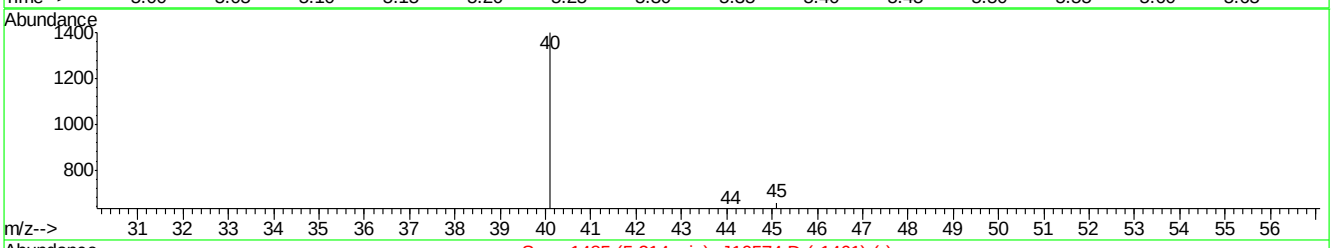
Quantitation Report (Qedit)

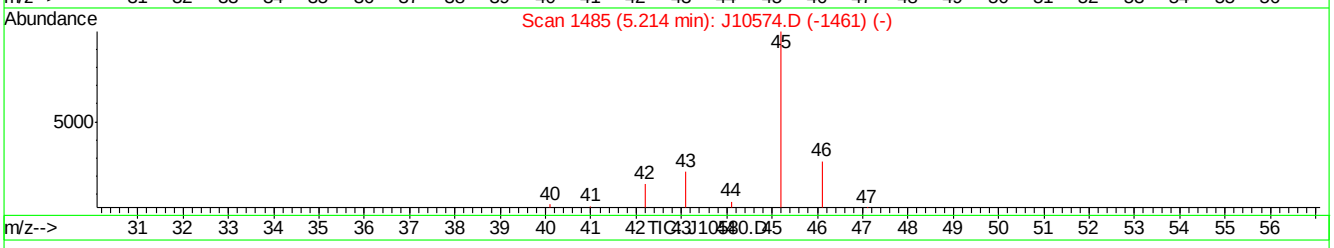
Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

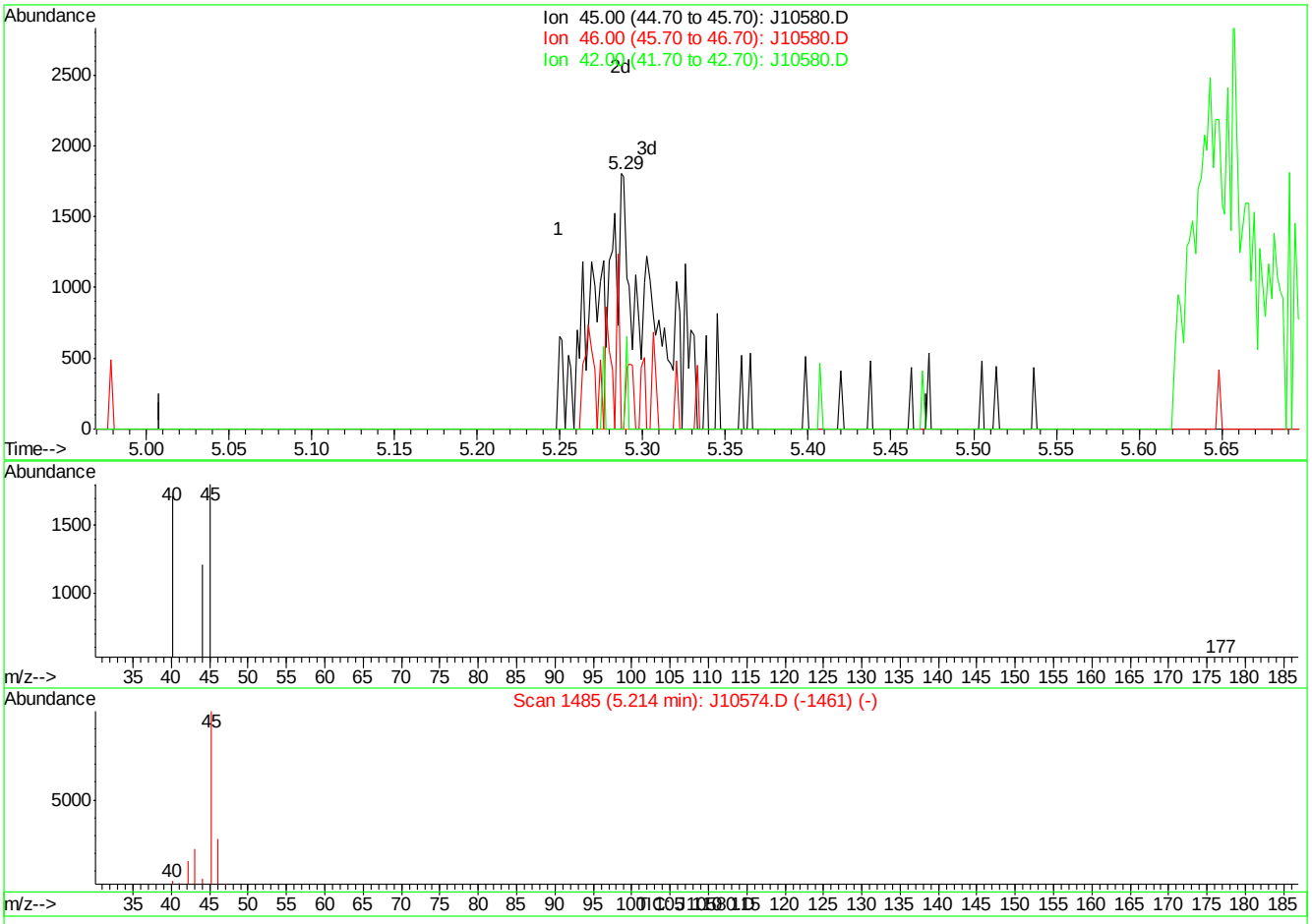
J10580.D J060707T.M Thu Jun 07 10:12:08 2007

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

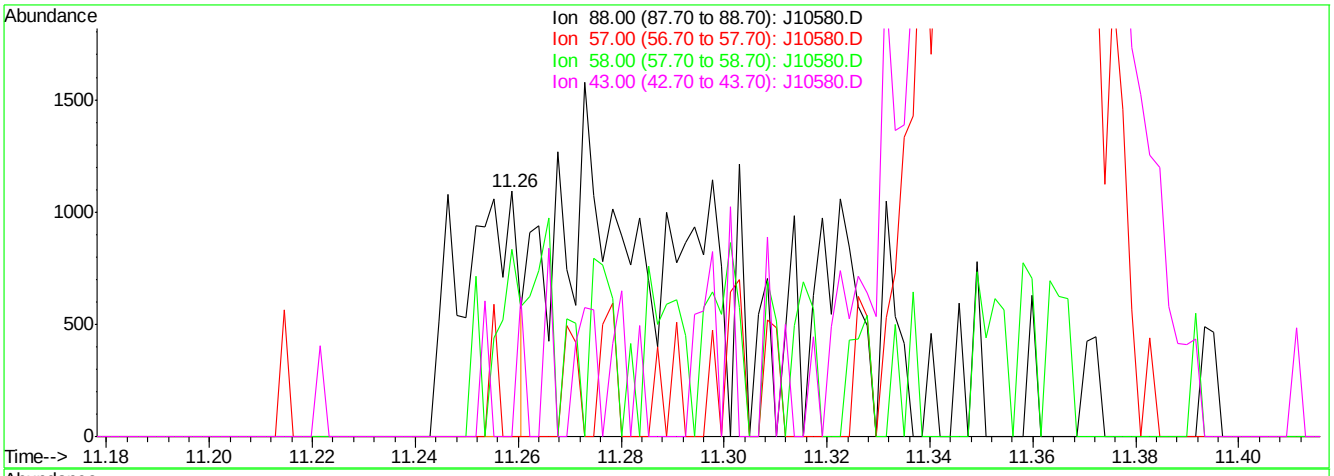
J10580.D J060707T.M Thu Jun 07 10:12:17 2007

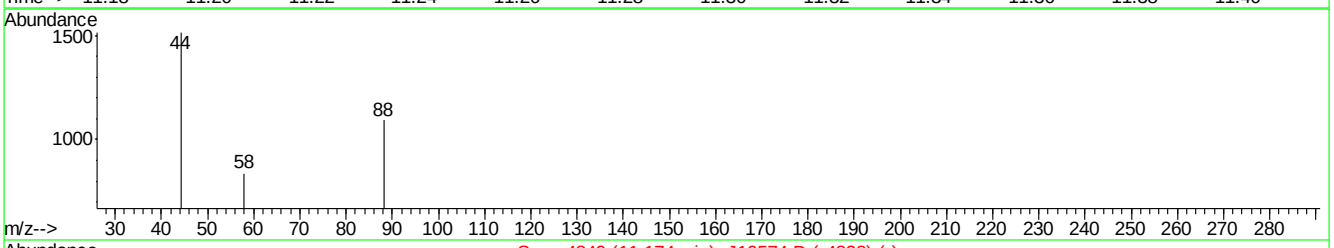
Quantitation Report (Qedit)

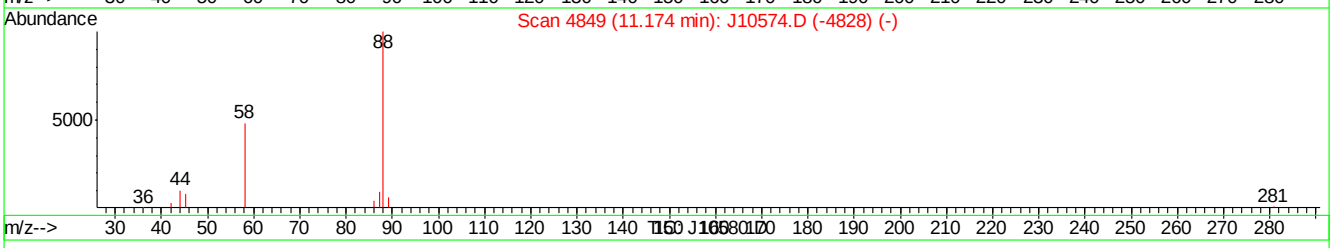
Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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#

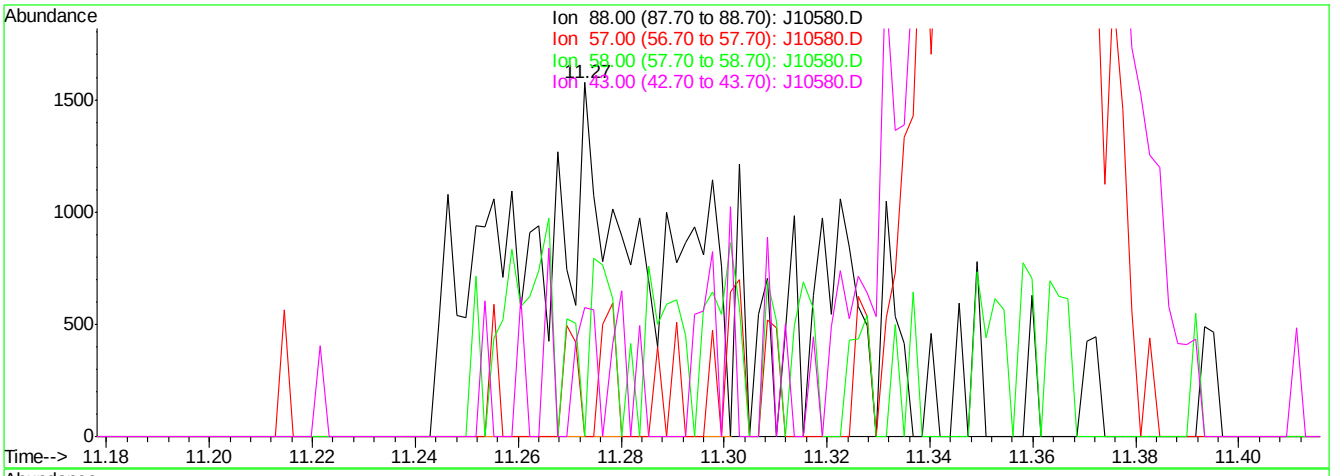
J10580.D J060707T.M Thu Jun 07 10:12:45 2007

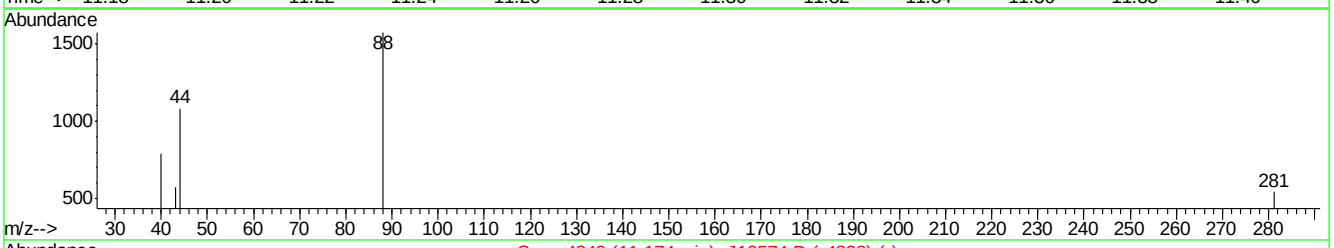
Quantitation Report (Qedit)

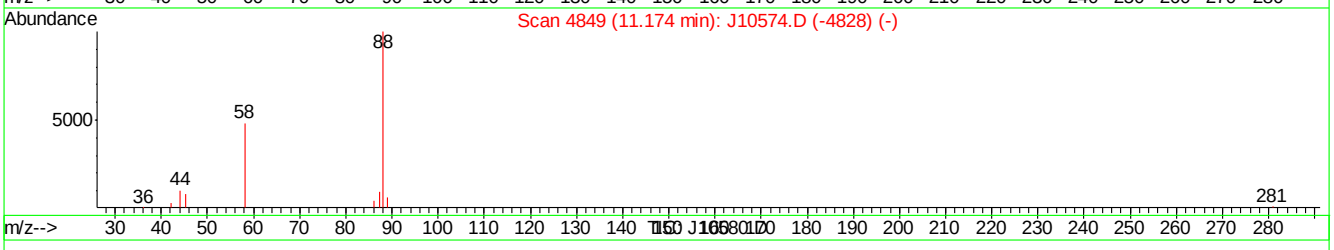
Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

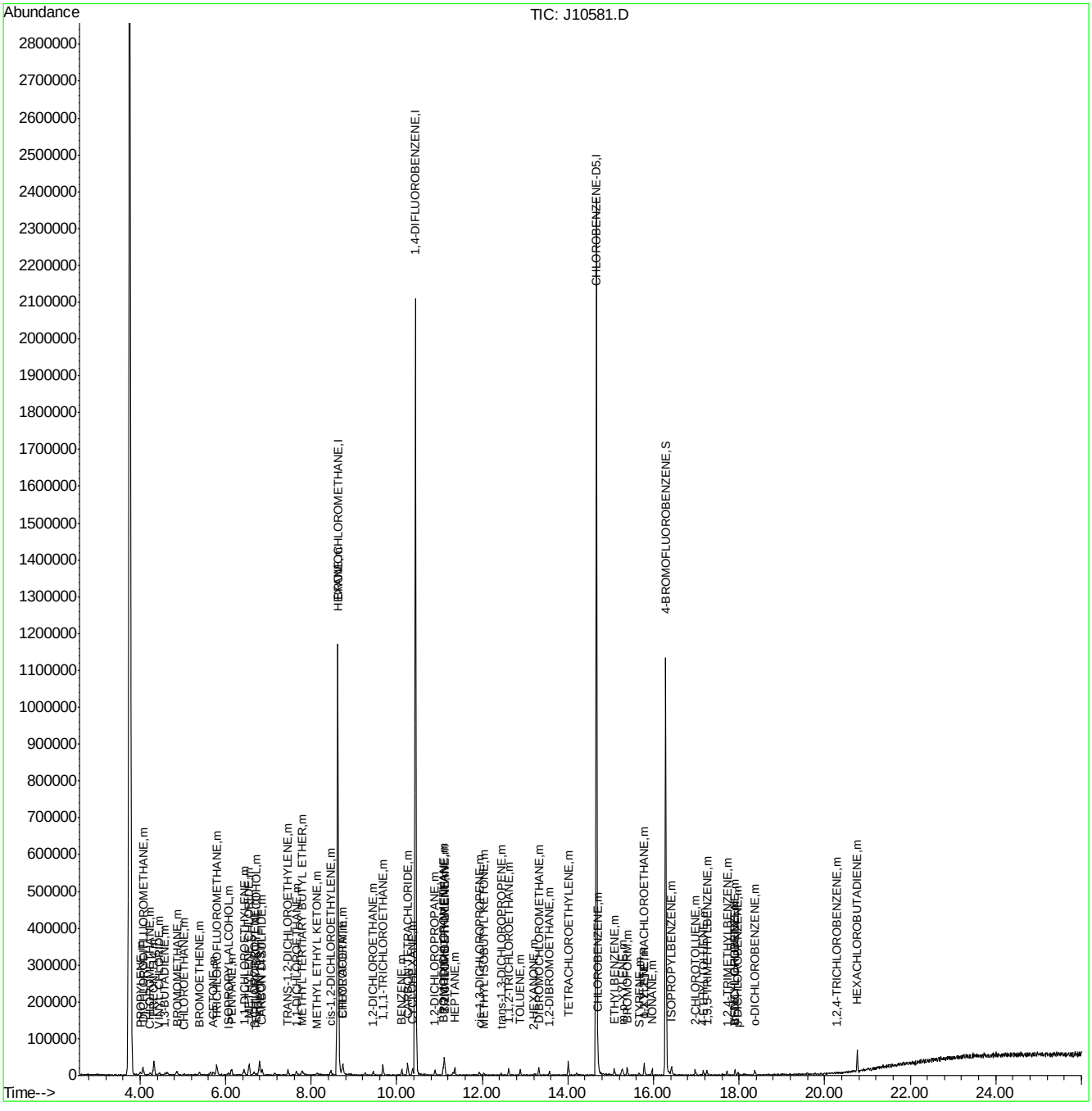
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,1,2-TRICHLOROETHANE	12.62	83	4933	0.21	PPBV		94
50) 2-HEXANONE	13.21	43	2044	0.11	PPBV	#	61
51) TETRACHLOROETHYLENE	14.01	164	8498	0.20	PPBV		92
52) DIBROMOCHLOROMETHANE	13.32	129	11152	0.20	PPBV		98
53) 1,2-DIBROMOETHANE	13.57	107	6718	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



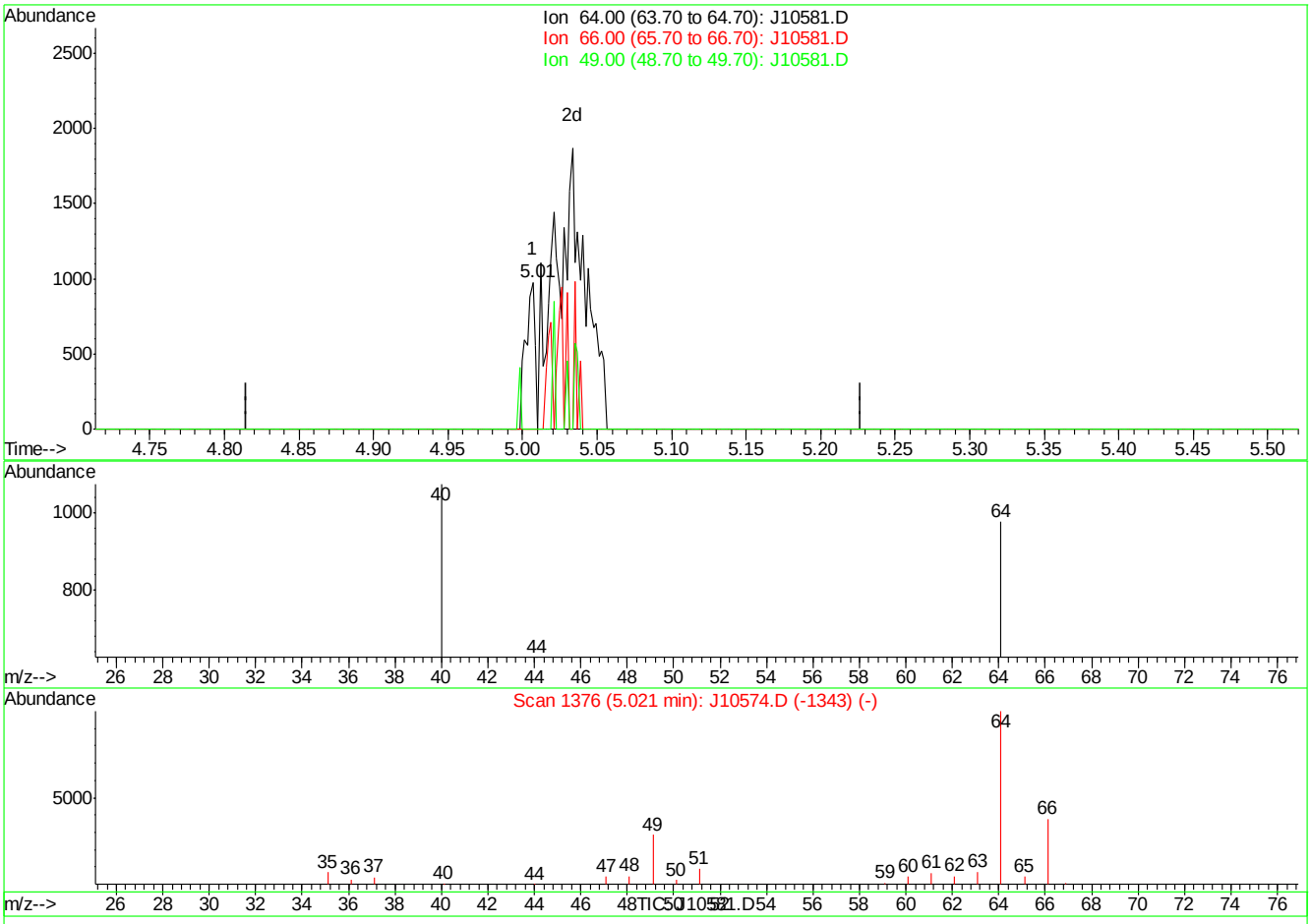
ACCUTEST Laboratories M65924

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

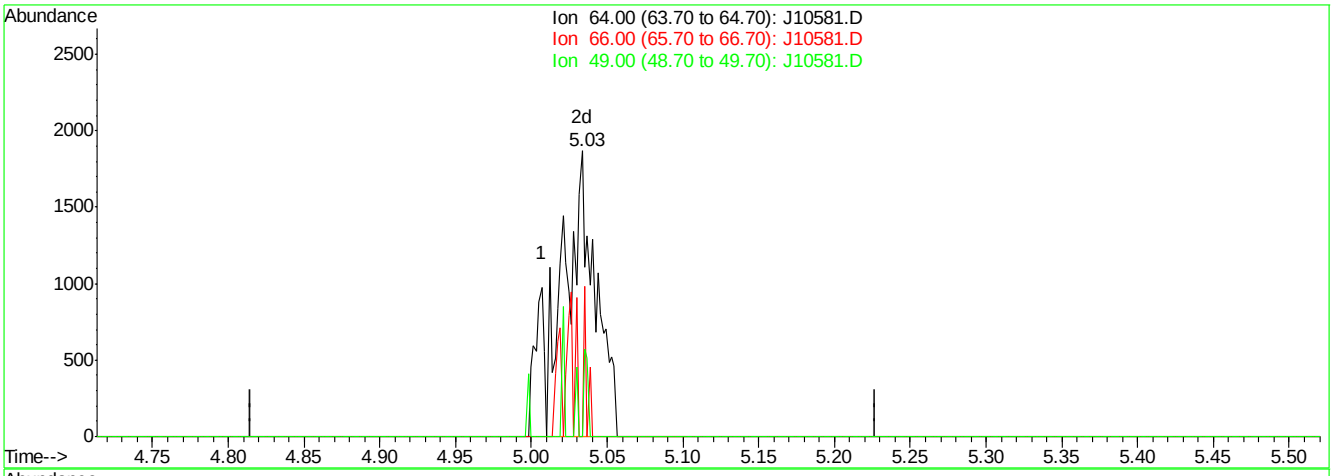
J10581.D J060707T.M Thu Jun 07 11:07:10 2007

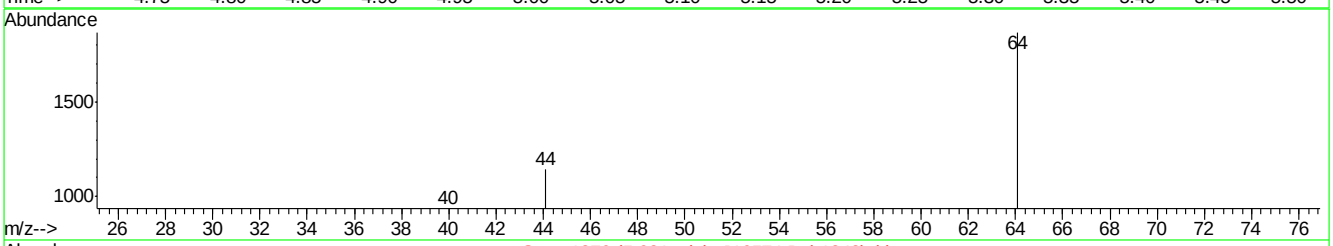
Quantitation Report (Qedit)

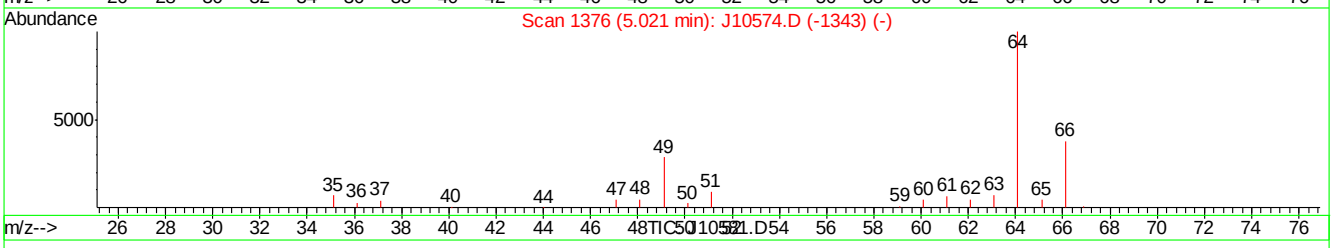
Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

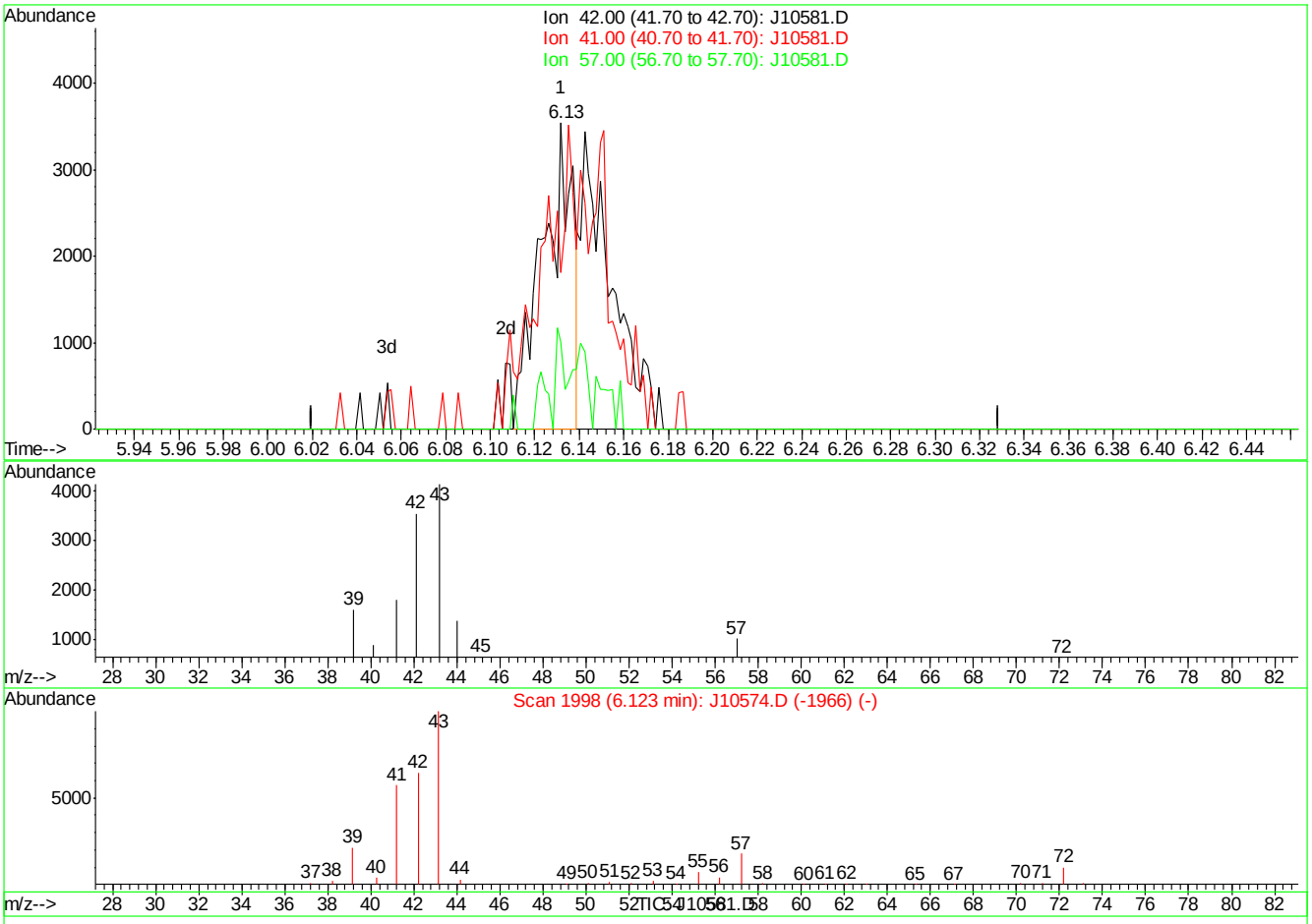
J10581.D J060707T.M Thu Jun 07 11:07:15 2007

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

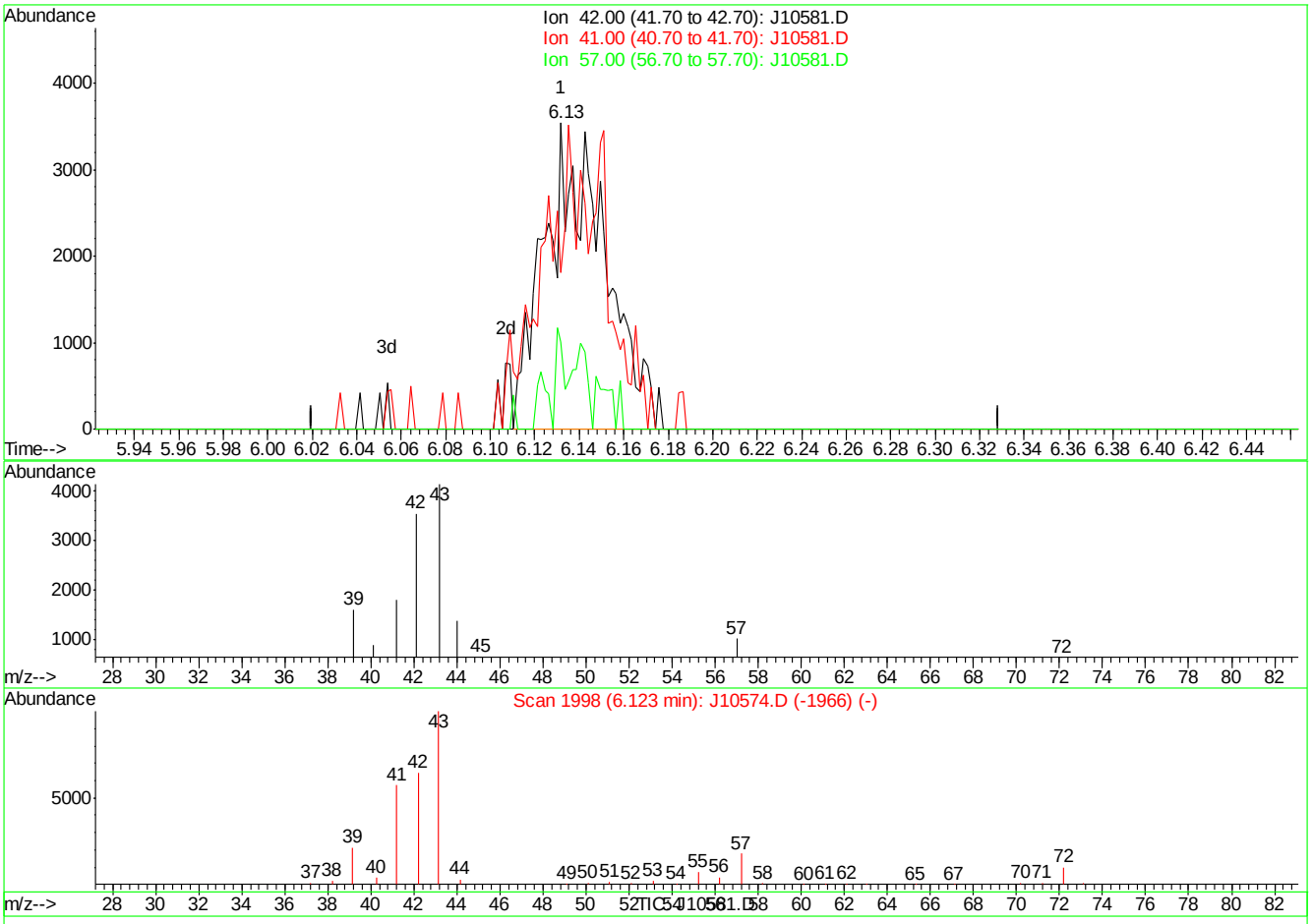
J10581.D J060707T.M Thu Jun 07 11:07:28 2007

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

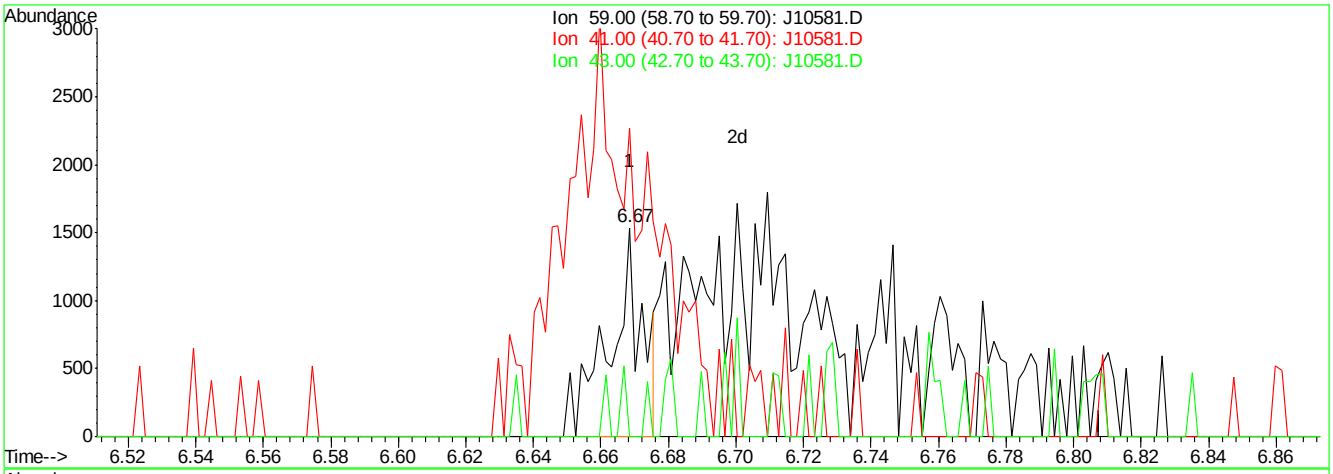
J10581.D J060707T.M Thu Jun 07 11:07:33 2007

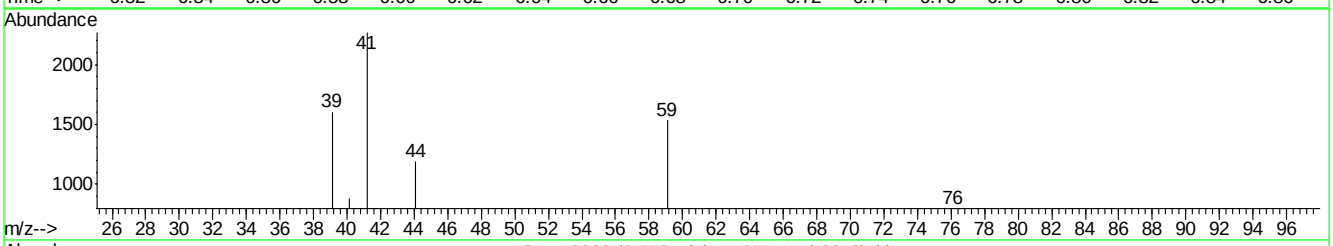
Quantitation Report (Qedit)

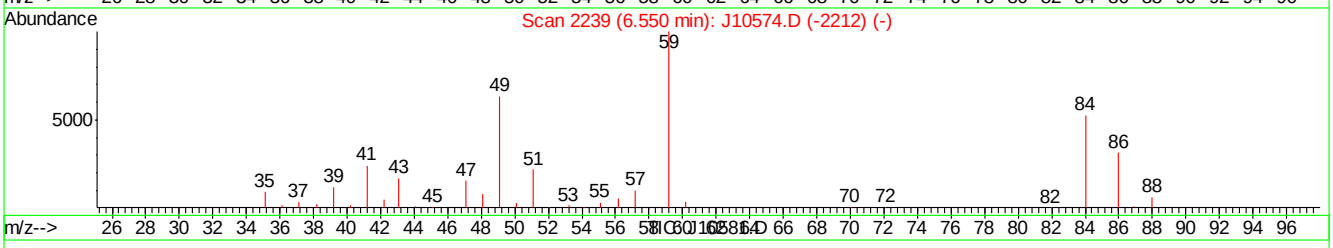
Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

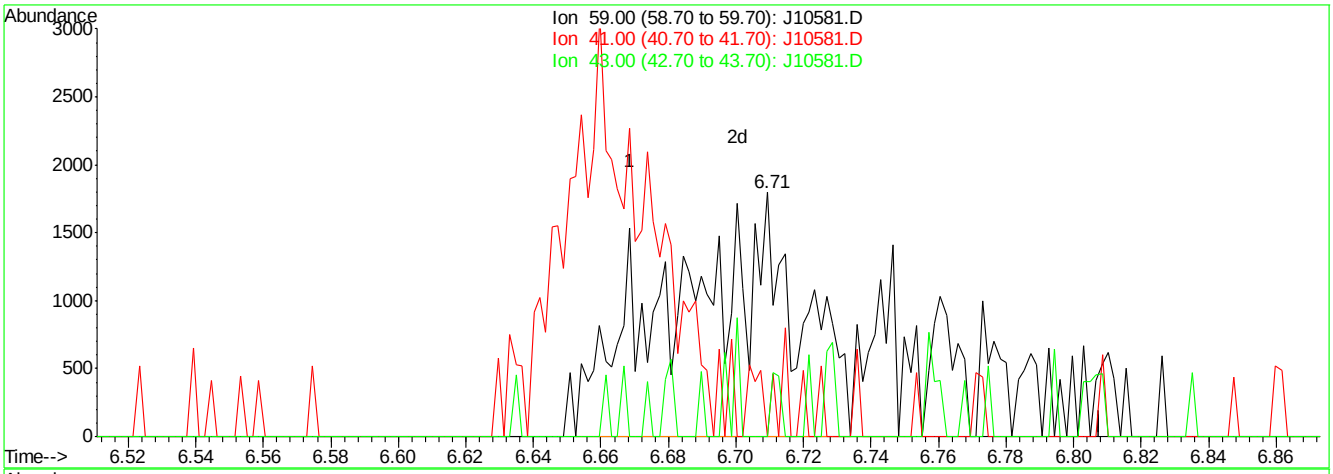
J10581.D J060707T.M Thu Jun 07 11:08:00 2007

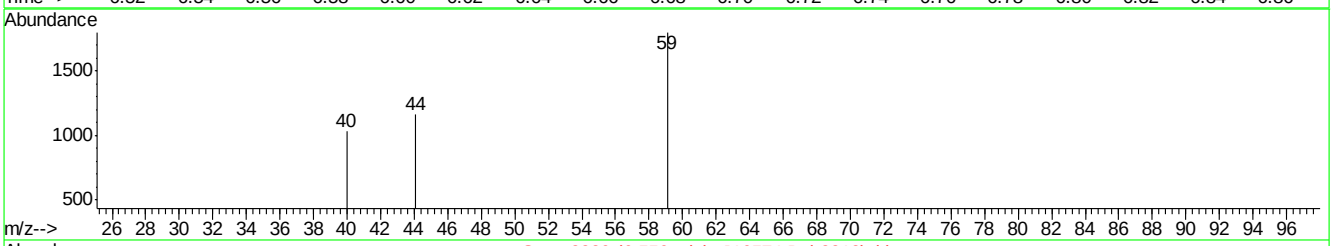
Quantitation Report (Qedit)

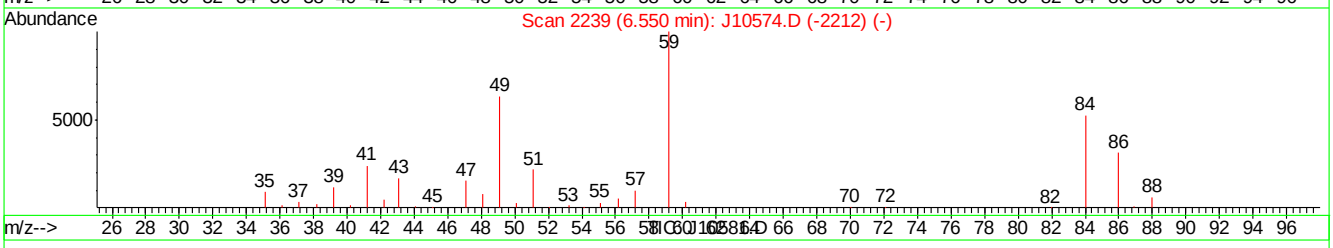
Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

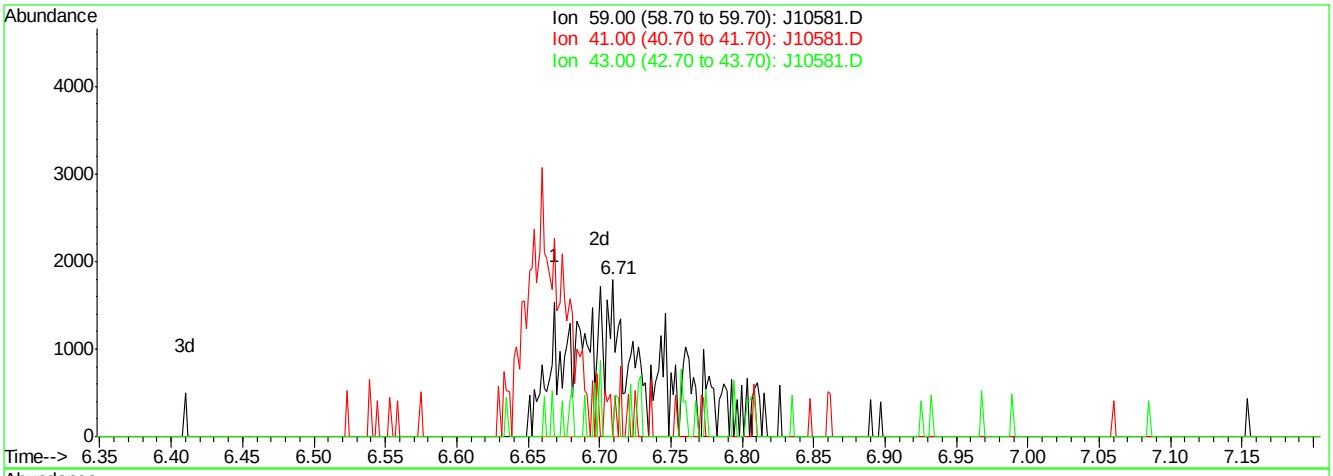
J10581.D J060707T.M Thu Jun 07 11:08:06 2007

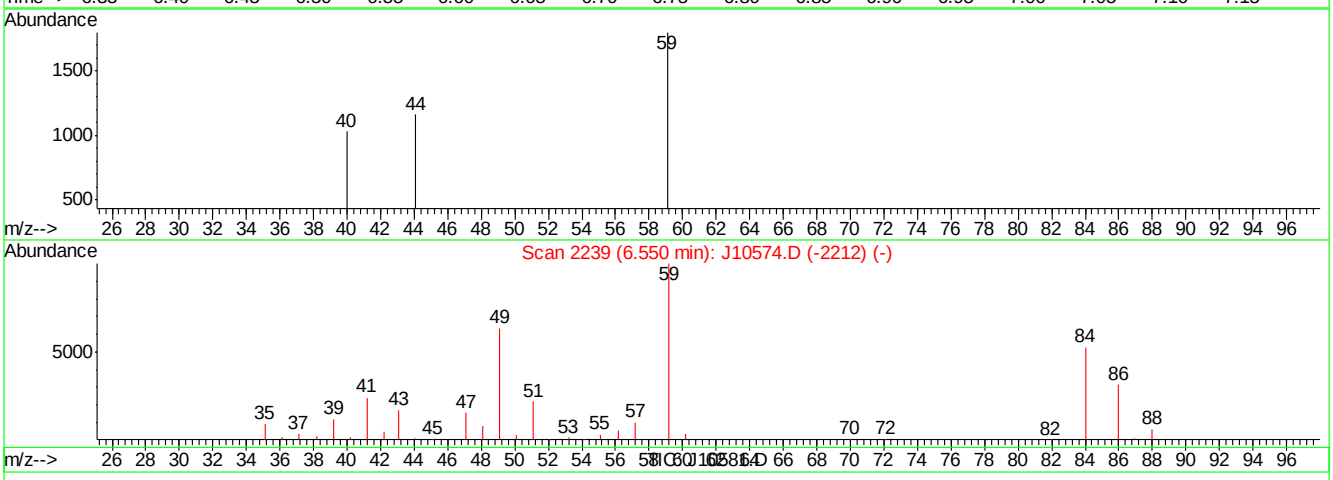
Quantitation Report (Qedit)

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

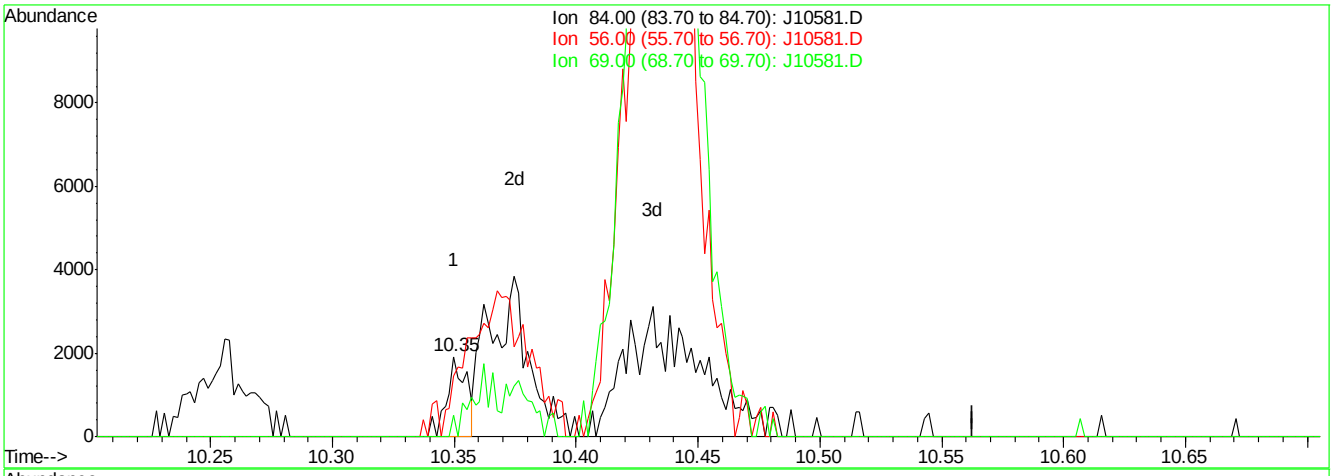
J10581.D J060707T.M Thu Jun 07 11:08:27 2007

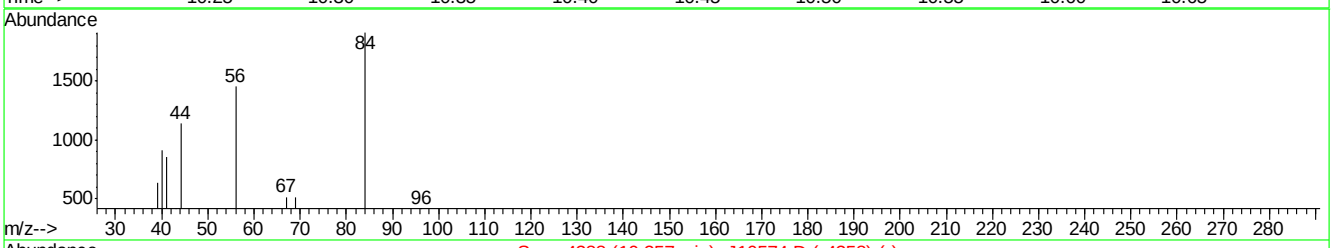
Quantitation Report (Qedit)

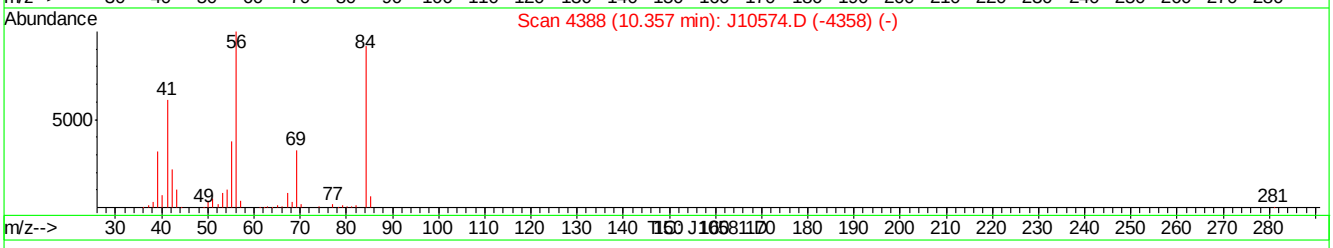
Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

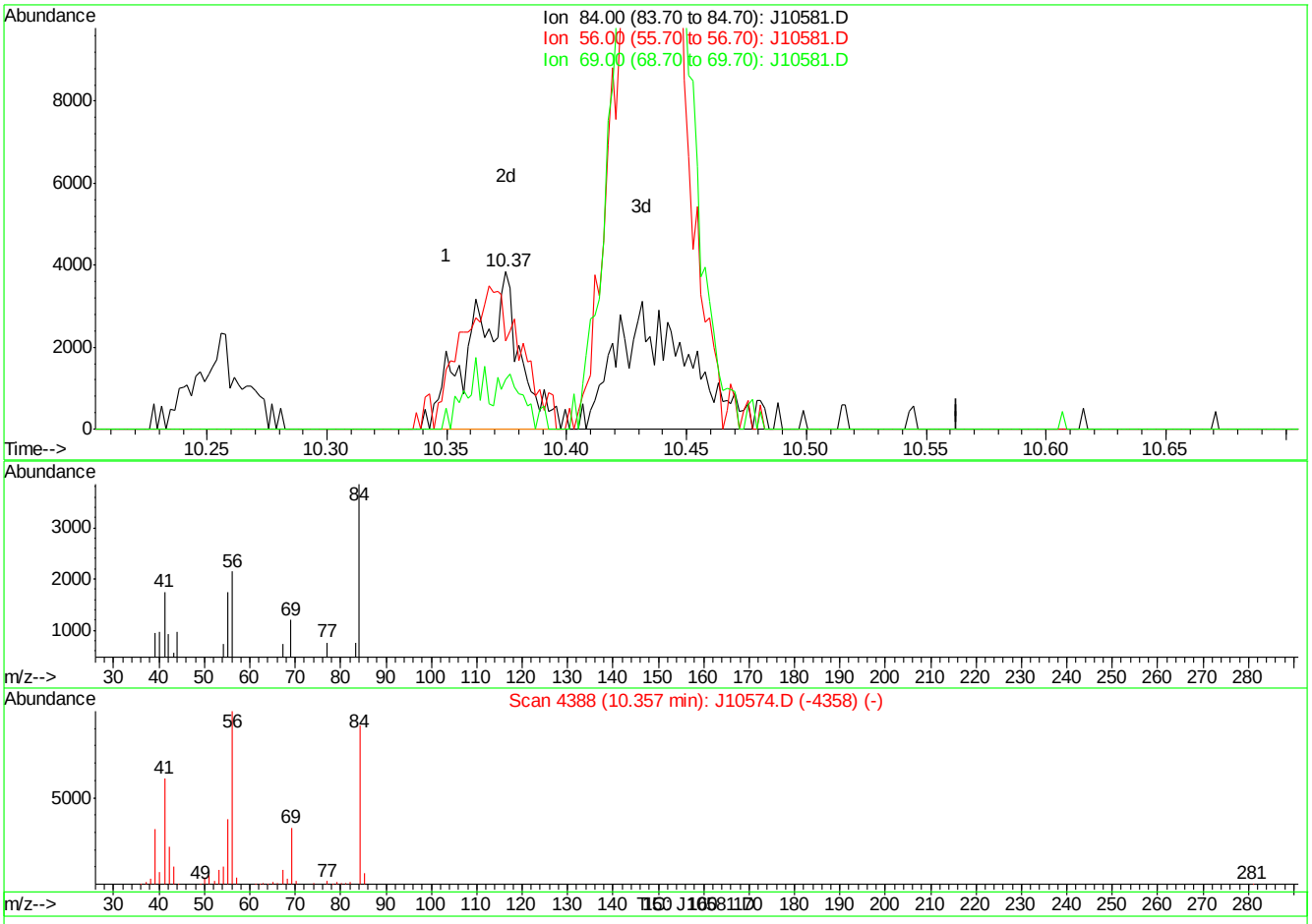
J10581.D J060707T.M Thu Jun 07 11:09:45 2007

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

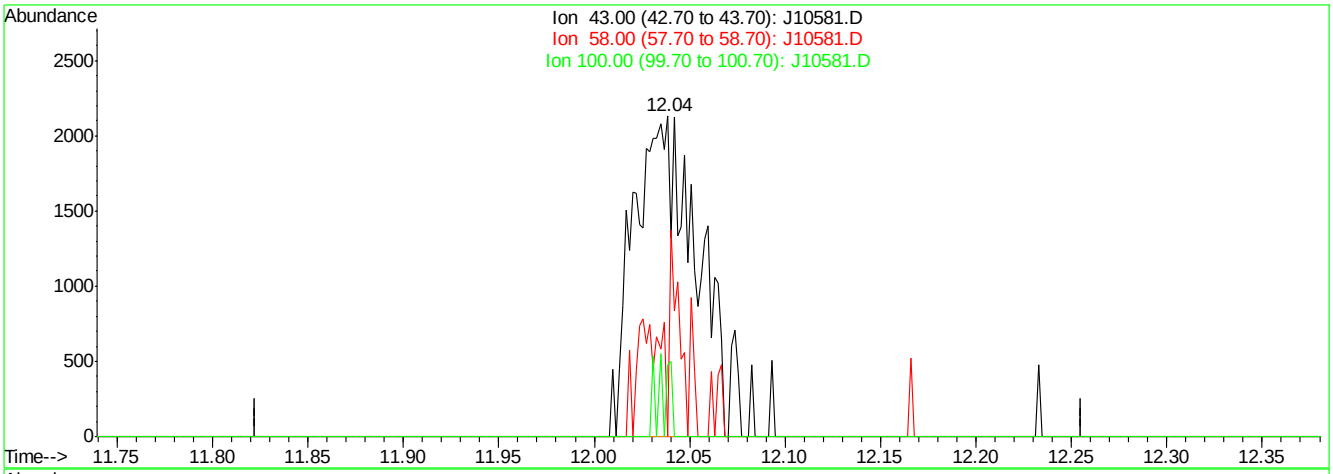
J10581.D J060707T.M Thu Jun 07 11:09:52 2007

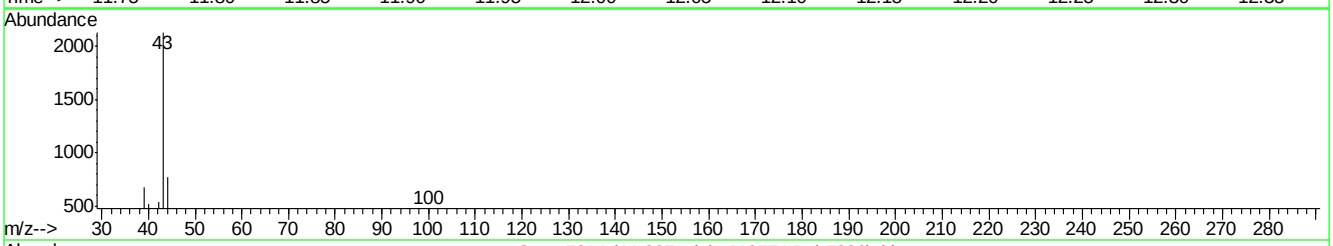
Quantitation Report (Qedit)

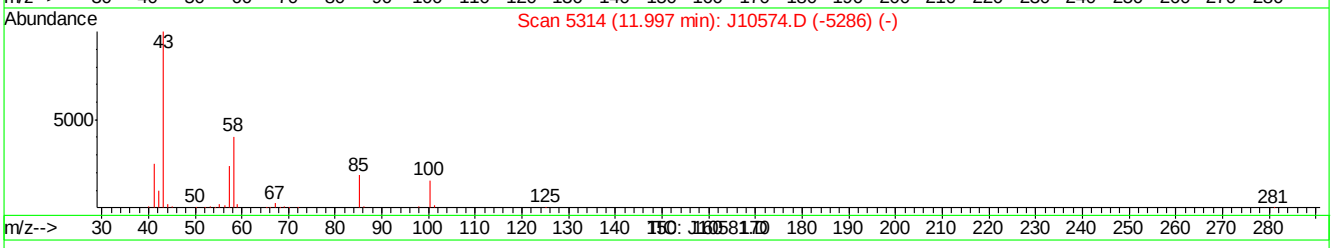
Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

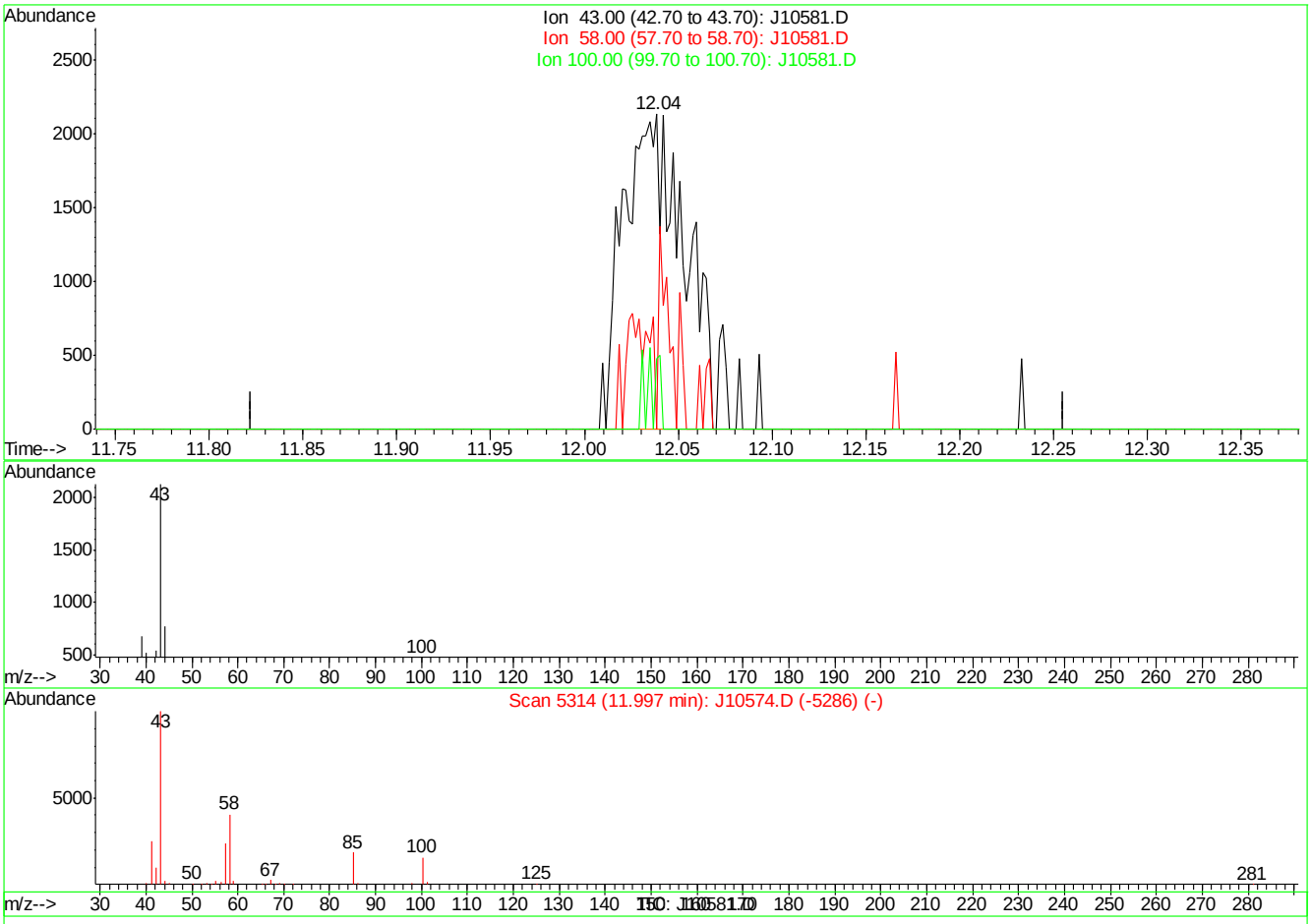
J10581.D J060707T.M Thu Jun 07 11:10:16 2007

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

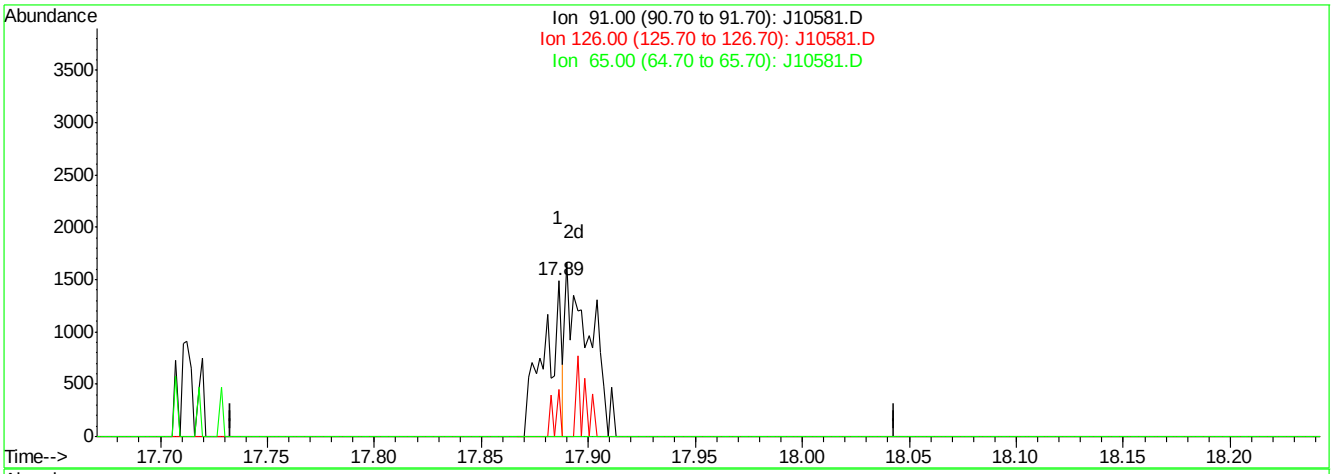
J10581.D J060707T.M Thu Jun 07 11:10:28 2007

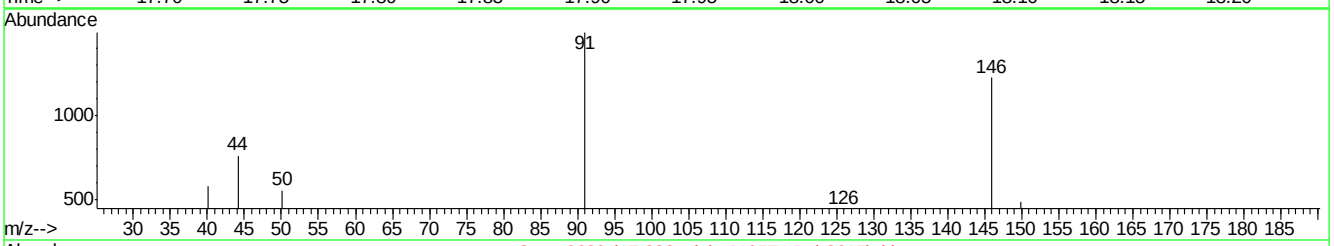
Quantitation Report (Qedit)

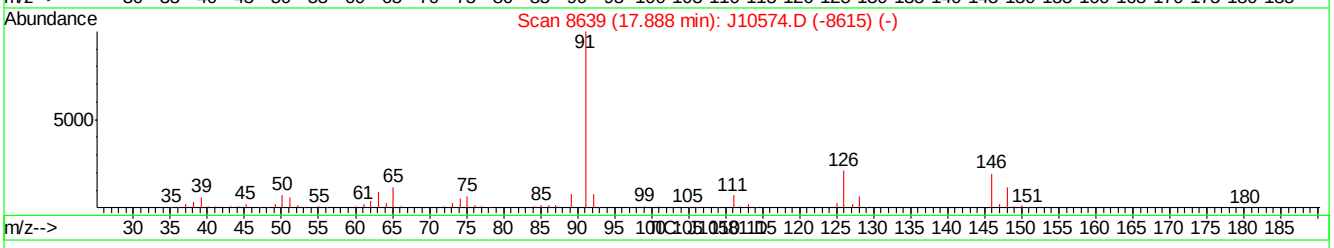
Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

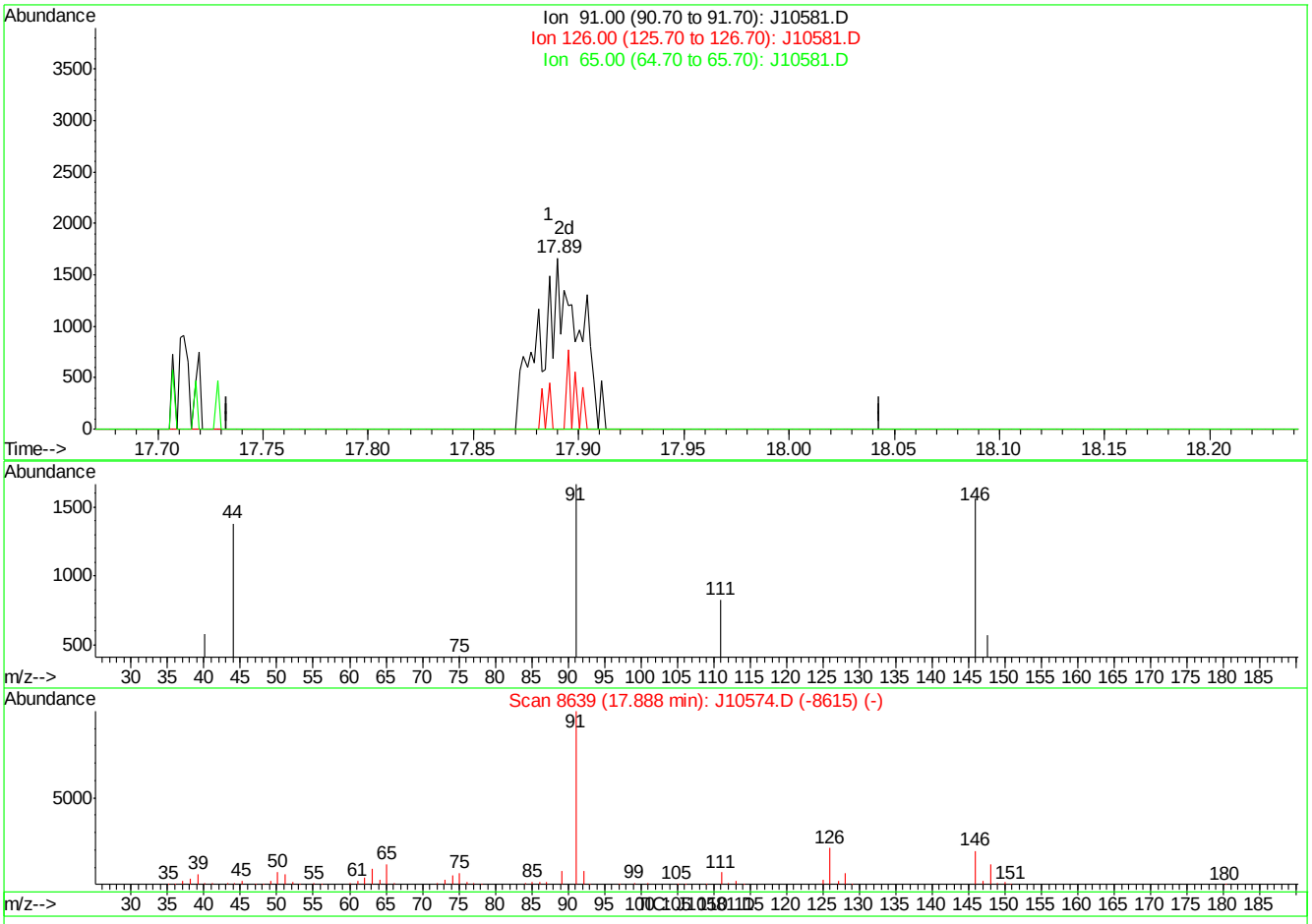
J10581.D J060707T.M Thu Jun 07 11:10:54 2007

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

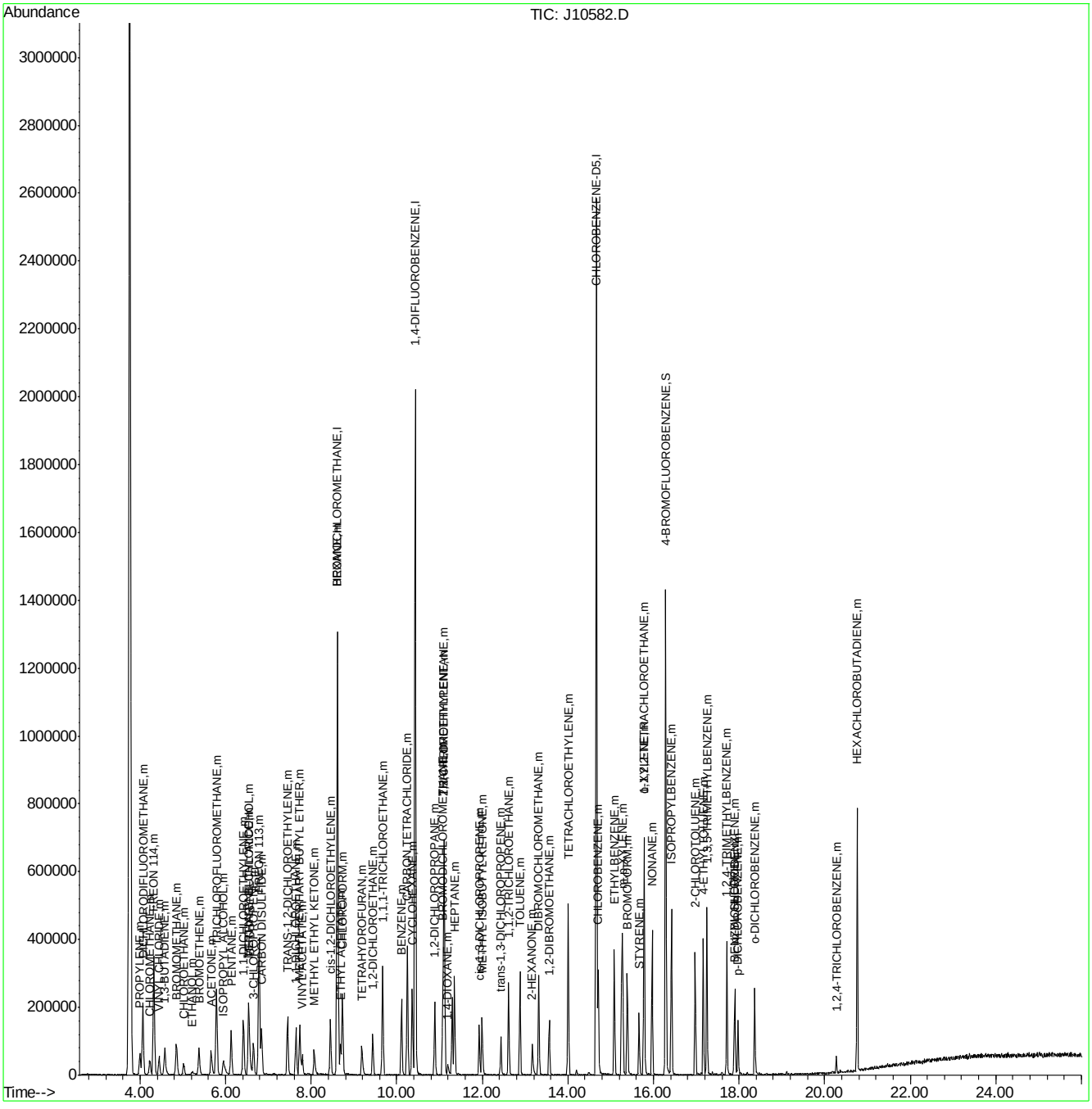
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.99	43	113090	4.02	PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.93	75	75255	3.33	PPBV	99
46) TOLUENE	12.88	92	117321	3.06	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.43	75	57249	3.42	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.61	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

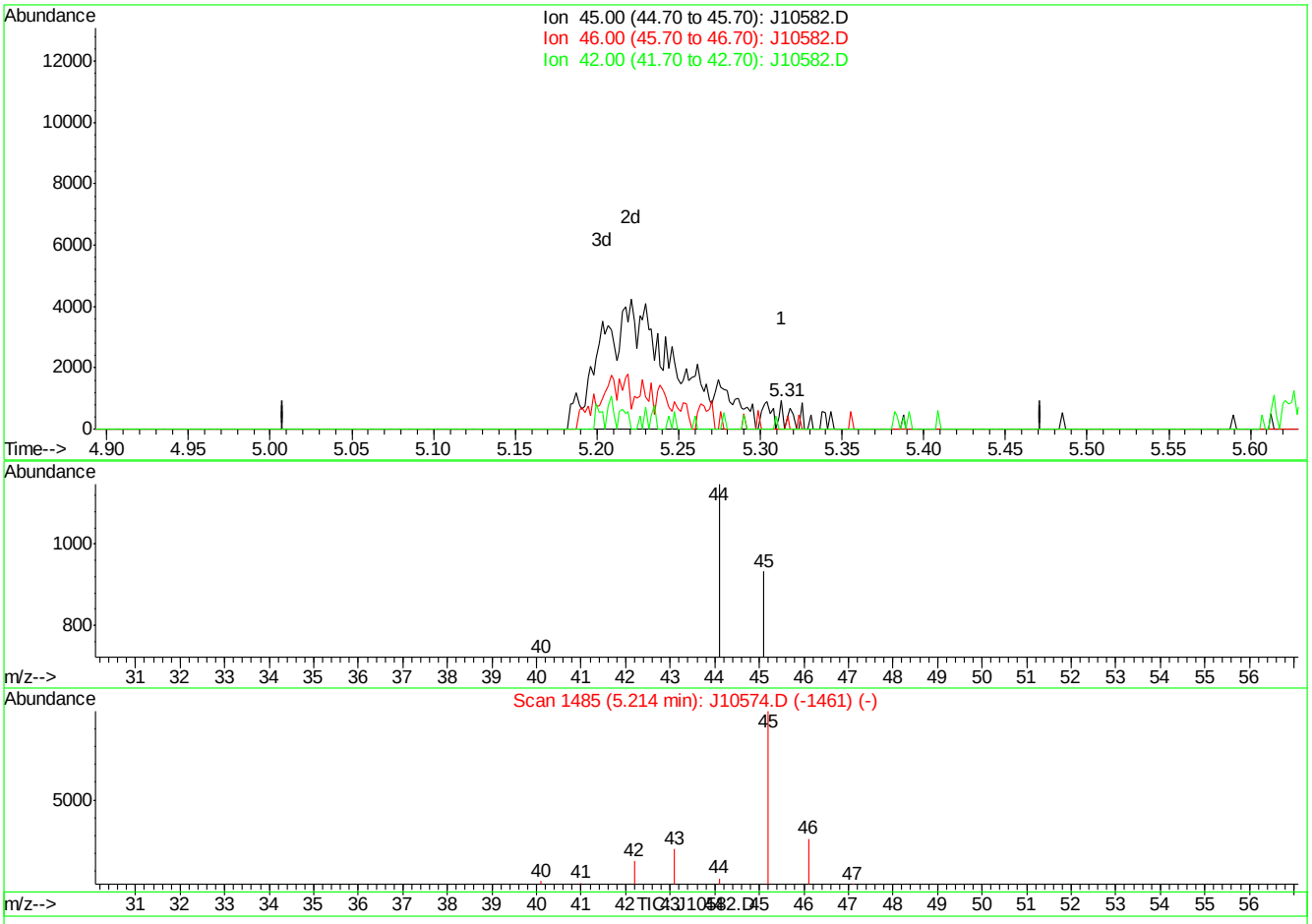


Quantitation Report (Qedit)

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

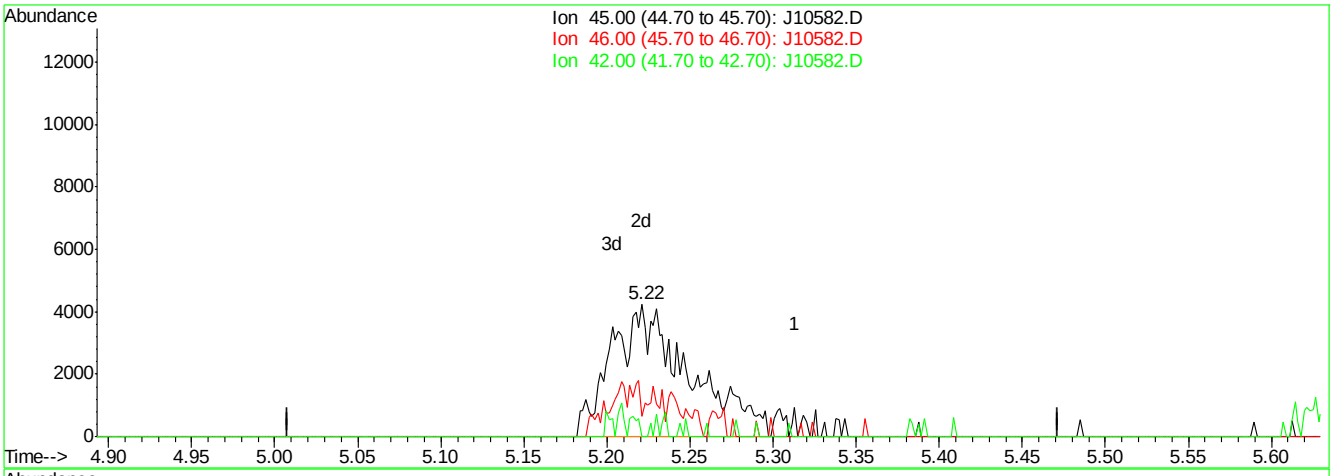
J10582.D J060707T.M Thu Jun 07 11:55:01 2007

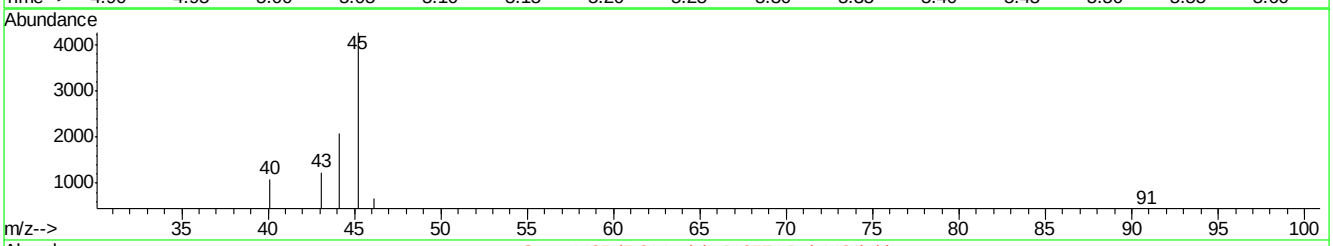
Quantitation Report (Qedit)

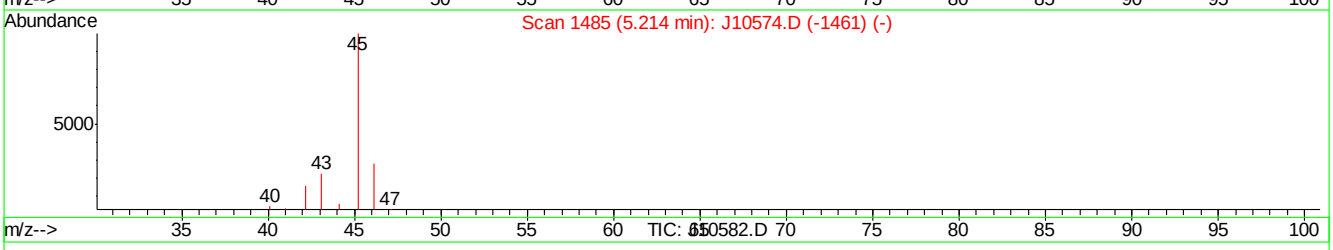
Data File : C:\MSDChem\1\data\J10582.D Vial: 1
Acq On : 7 Jun 2007 11:22 am Operator: danat
Sample : ic548-2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

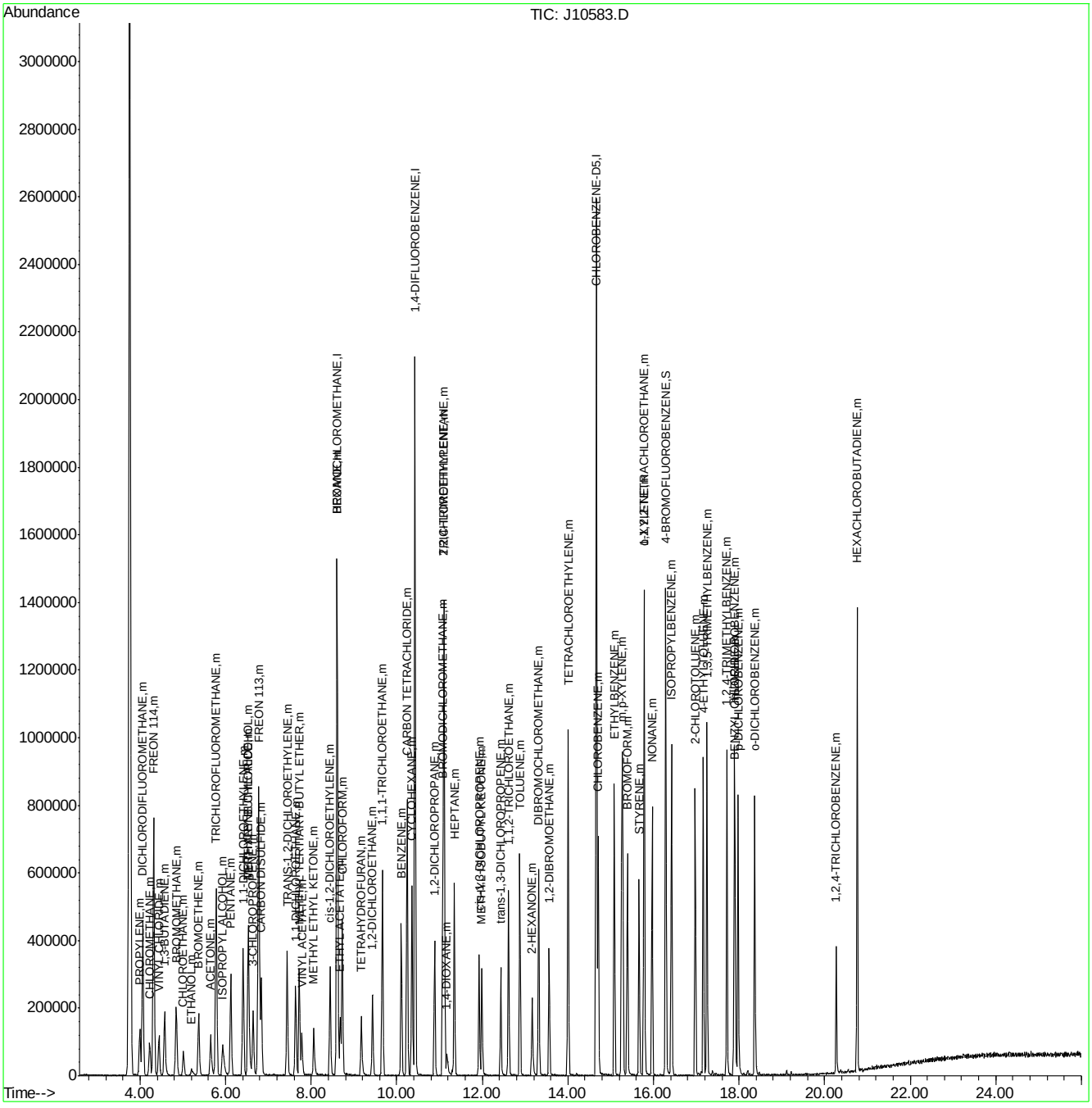
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.98	43	218338	5.49	PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.92	75	175907	6.03	PPBV	98
46) TOLUENE	12.88	92	255104	5.35	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.43	75	157847	7.21	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.61	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



ACCUTEST Laboratories M65924

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

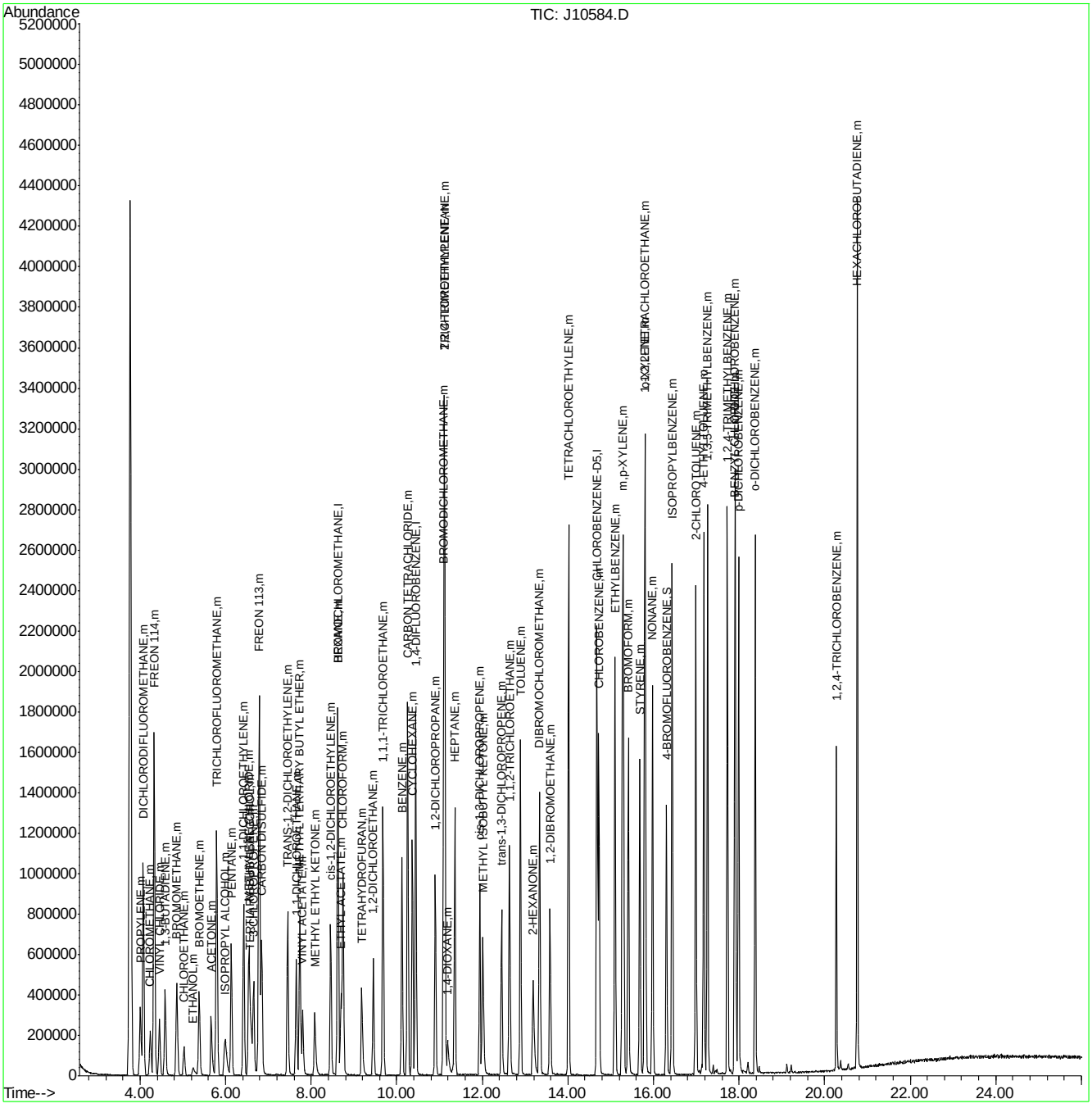
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	596743	15.96	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.94	75	535244	19.01	PPBV	99
46) TOLUENE	12.89	92	744598	16.73	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	510703	22.89	PPBV	99
48) 1,1,2-TRICHLOROETHANE	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

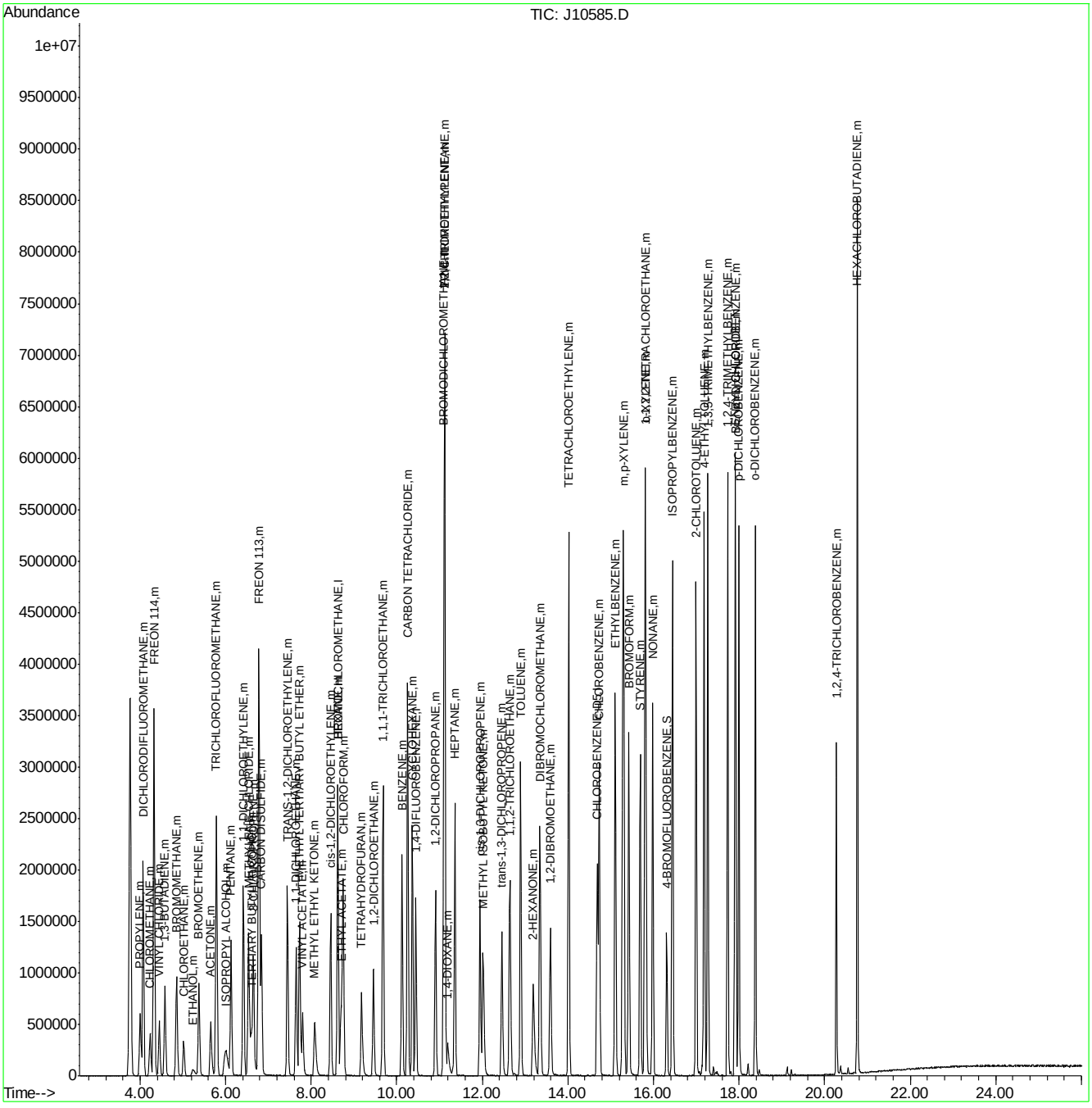
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.02	43	1266551	28.97	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.94	75	1109246	31.95	PPBV	99
46) TOLUENE	12.90	92	1527632	28.95	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.46	75	1085322	37.01	PPBV	98
48) 1,1,2-TRICHLOROETHANE	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



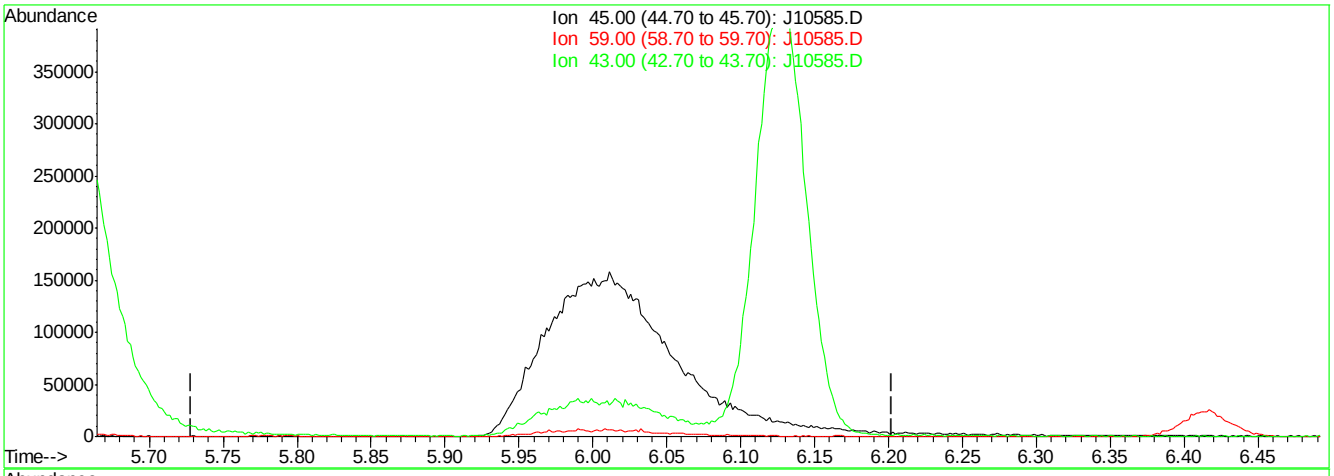
ACCUTEST Laboratories M65924

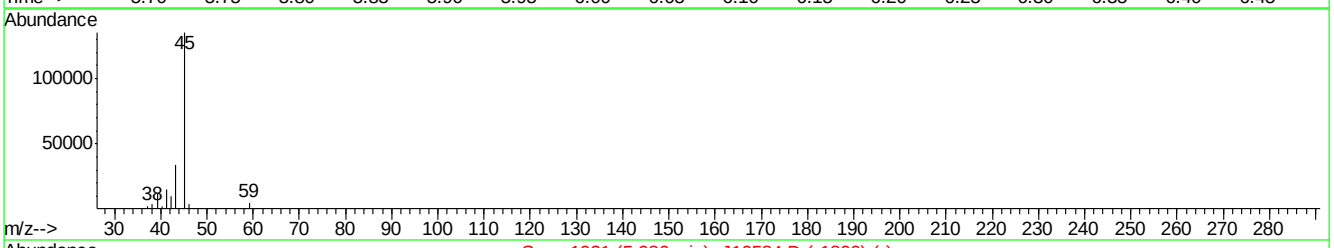
Quantitation Report (Qedit)

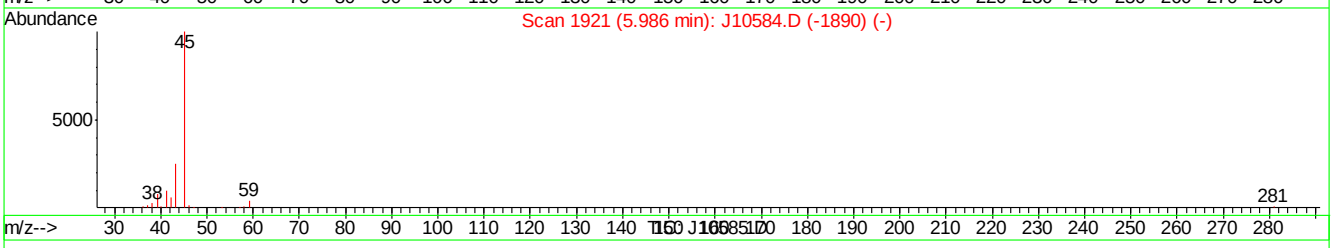
Data File : C:\MSDChem\1\data\J10585.D Vial: 2
Acq On : 7 Jun 2007 2:55 pm Operator: danat
Sample : ic548-20 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

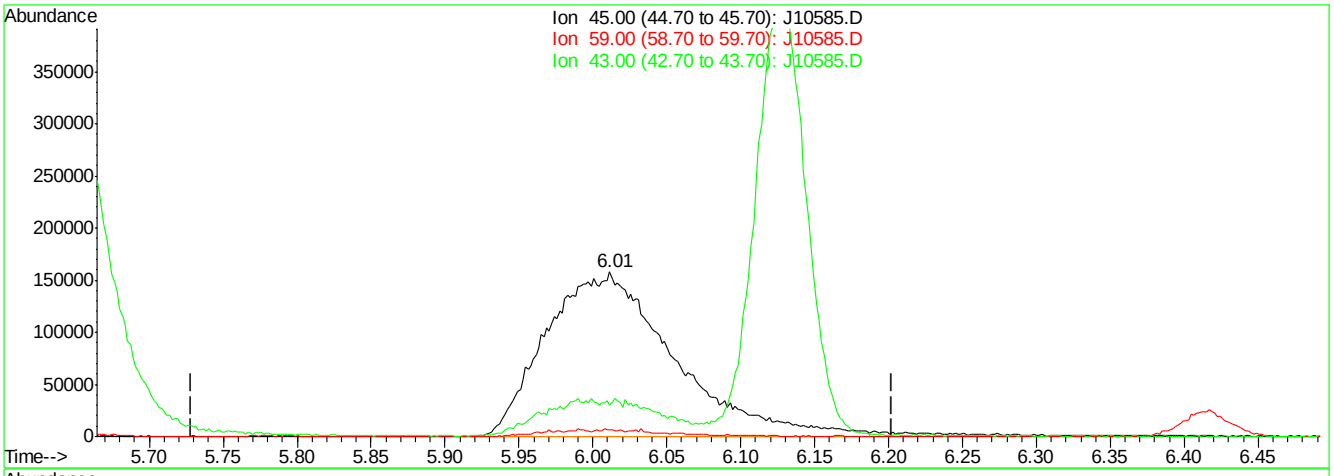
J10585.D J060707T.M Thu Jun 07 15:57:54 2007

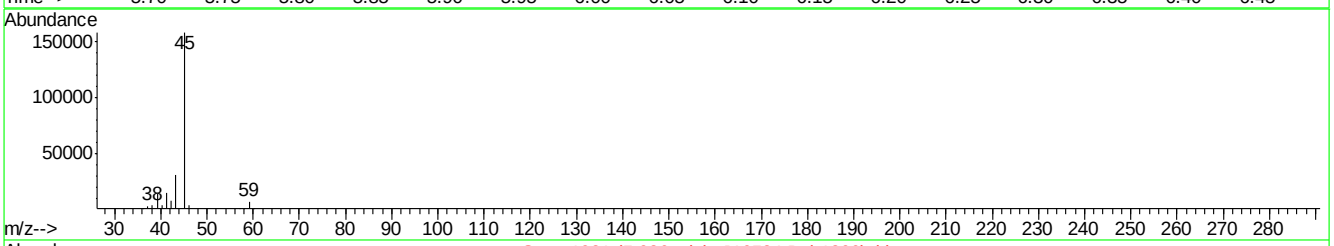
Quantitation Report (Qedit)

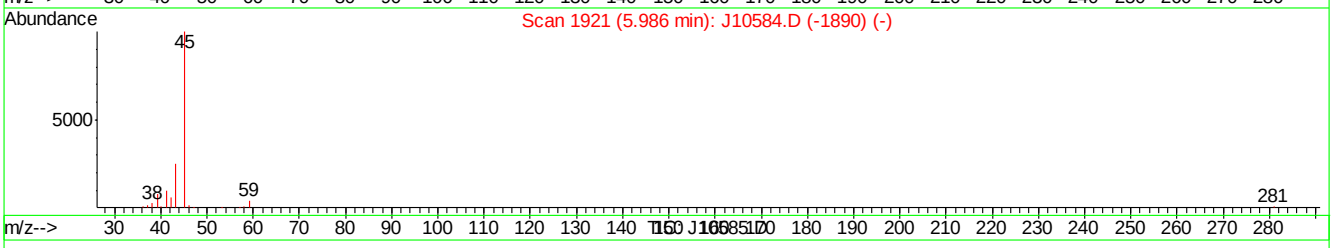
Data File : C:\MSDChem\1\data\J10585.D Vial: 2
Acq On : 7 Jun 2007 2:55 pm Operator: danat
Sample : ic548-20 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

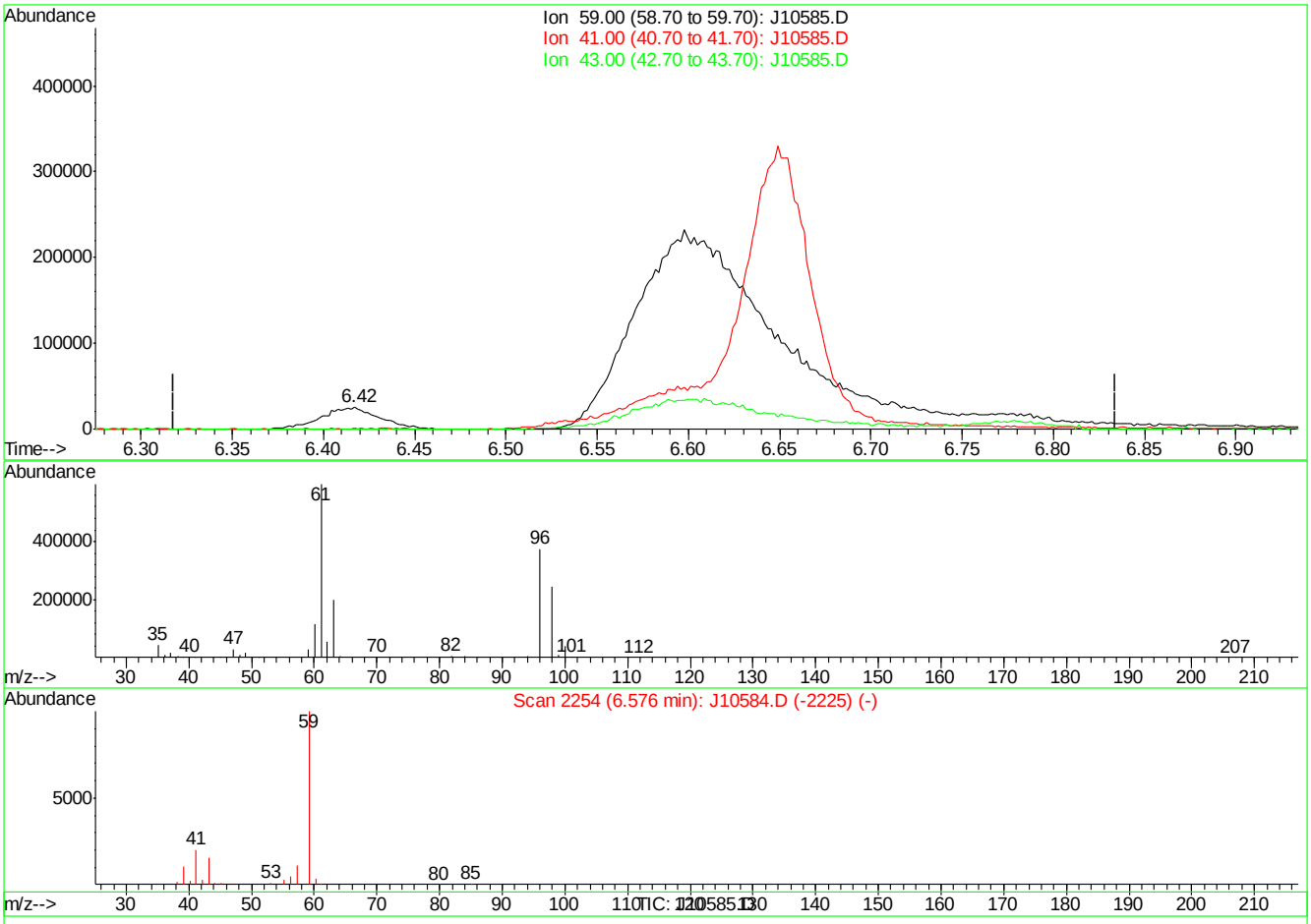
J10585.D J060707T.M Thu Jun 07 15:58:00 2007

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

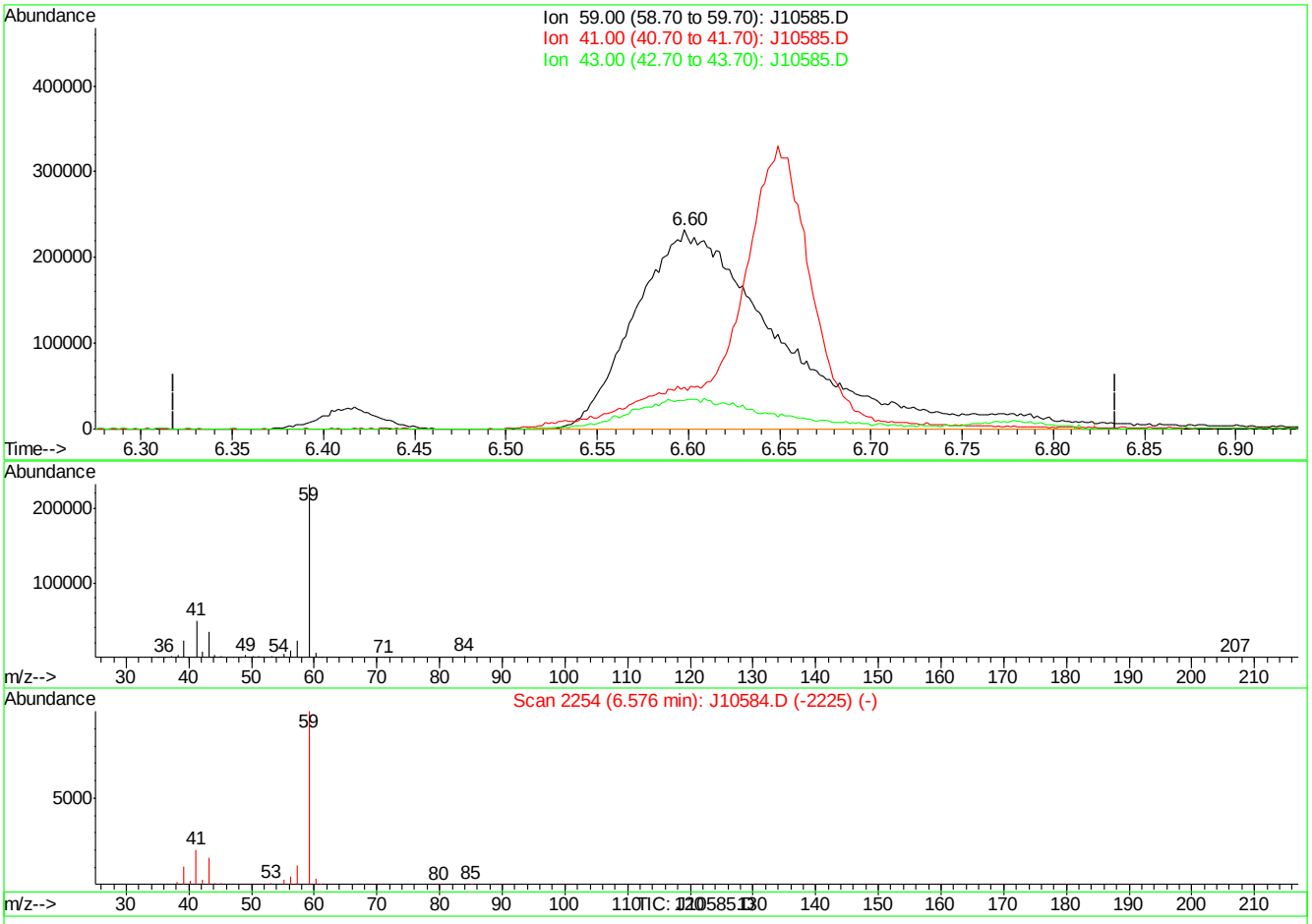
J10585.D J060707T.M Thu Jun 07 15:58:12 2007

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

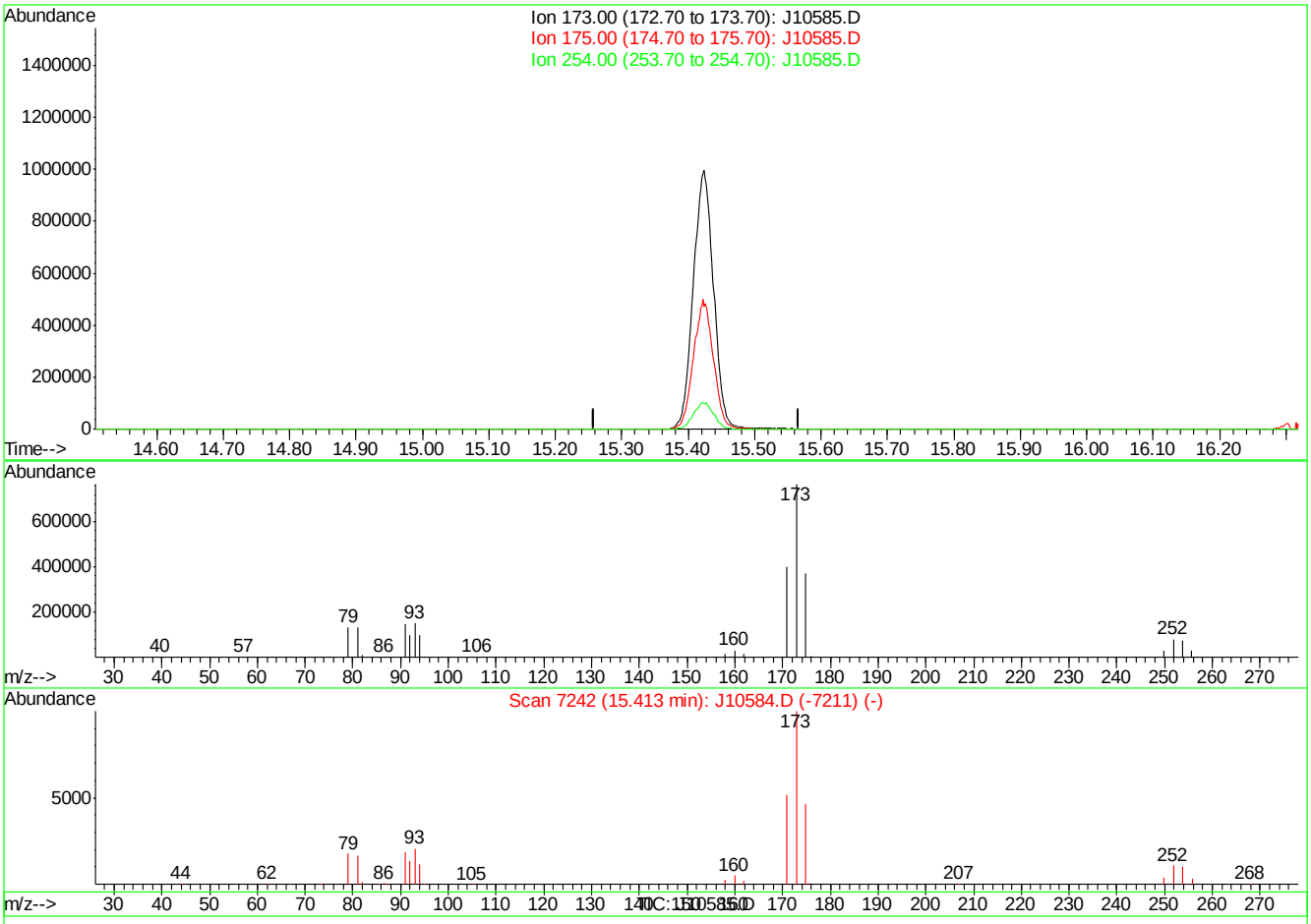
J10585.D J060707T.M Thu Jun 07 15:58:20 2007

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

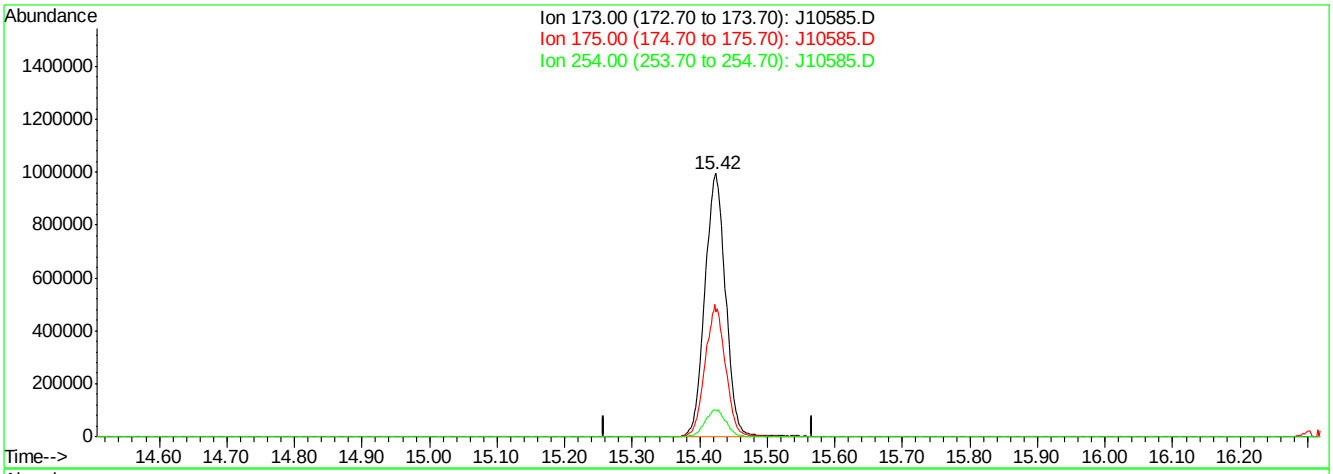
J10585.D J060707T.M Thu Jun 07 15:58:53 2007

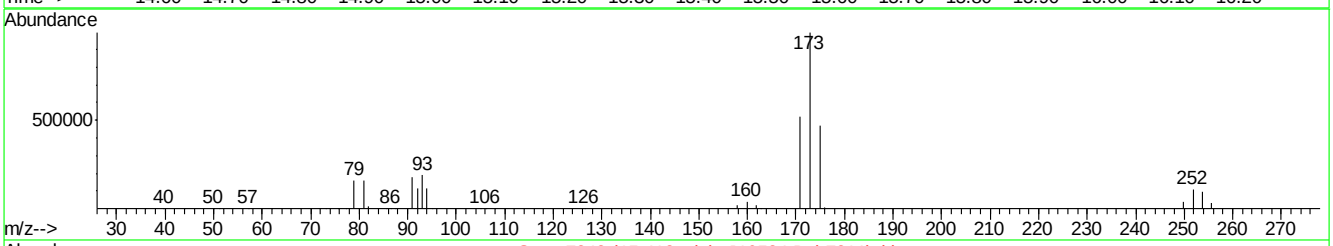
Quantitation Report (Qedit)

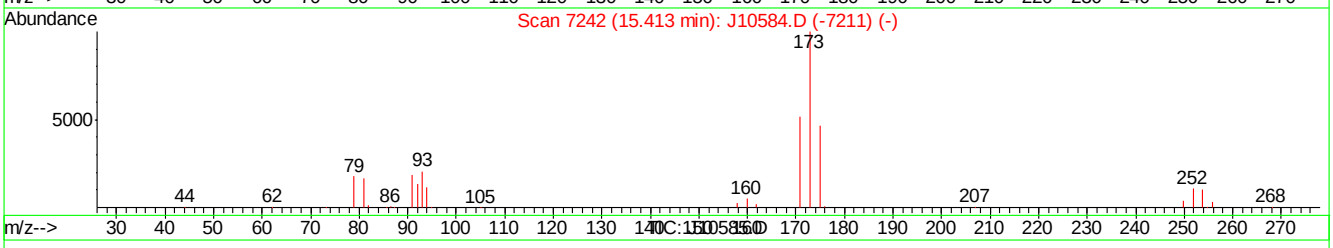
Data File : C:\MSDChem\1\data\J10585.D Vial: 2
Acq On : 7 Jun 2007 2:55 pm Operator: danat
Sample : ic548-20 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

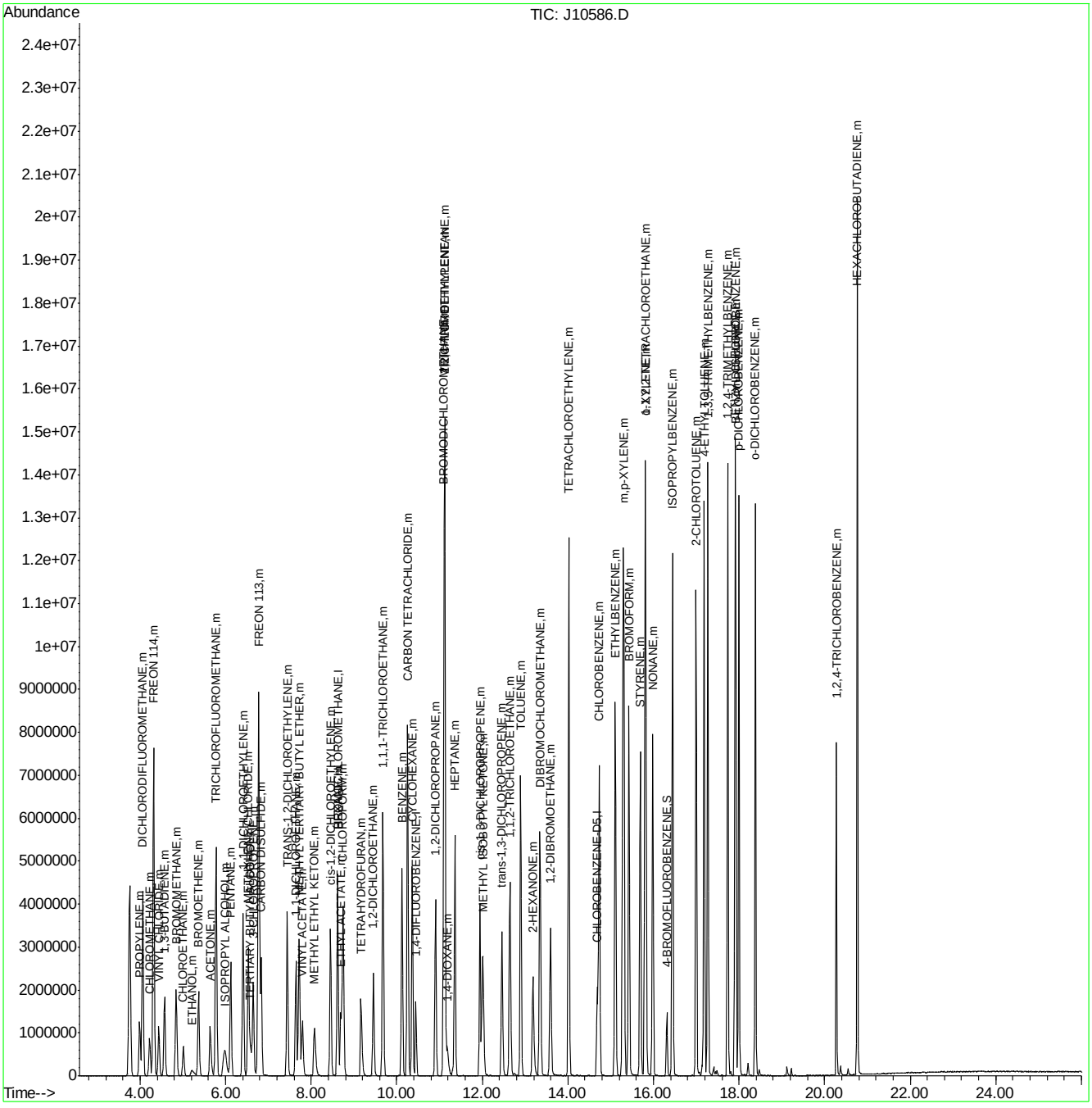
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	2898628	45.08	PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.95	75	2598251	45.77	PPBV	99
46) TOLUENE	12.90	92	3571070	45.73	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.46	75	2568983	39.15	PPBV	98
48) 1,1,2-TRICHLOROETHANE	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



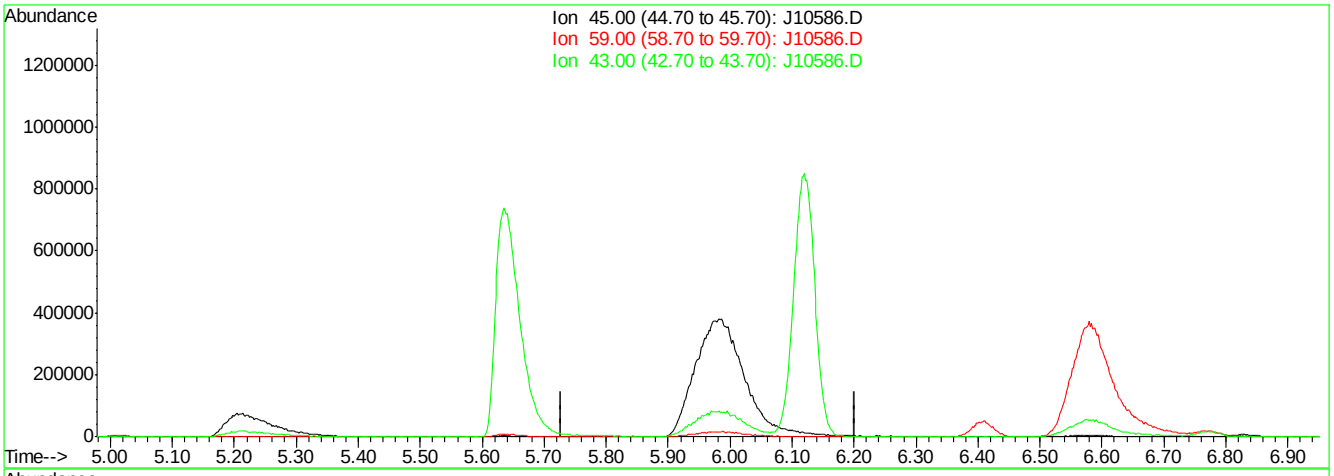
ACCUTEST Laboratories M65924

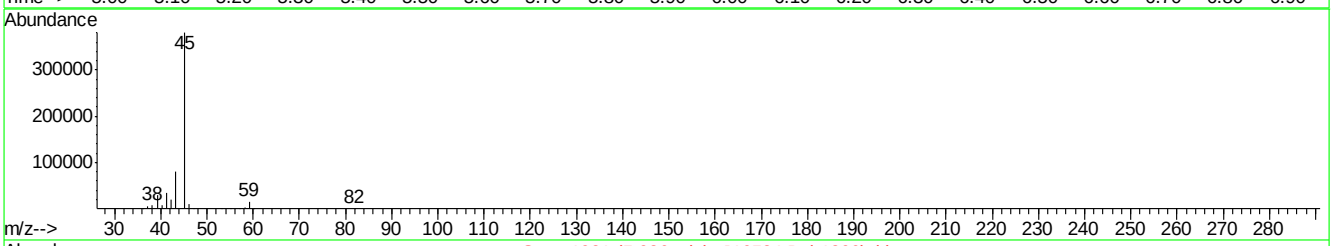
Quantitation Report (Qedit)

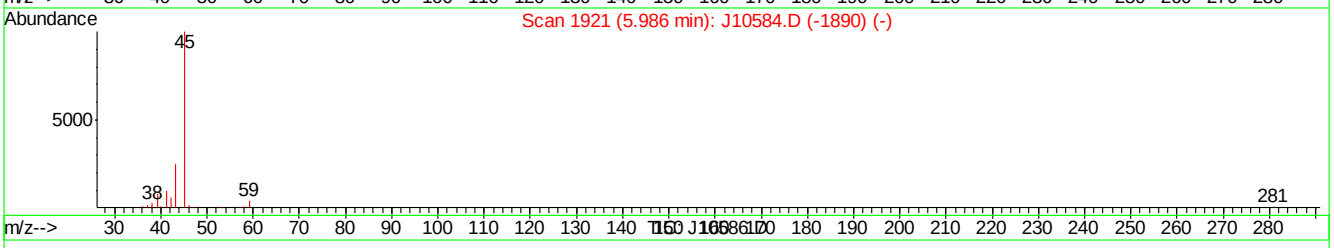
Data File : C:\MSDChem\1\data\J10586.D Vial: 2
Acq On : 7 Jun 2007 3:51 pm Operator: danat
Sample : ic548-40 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

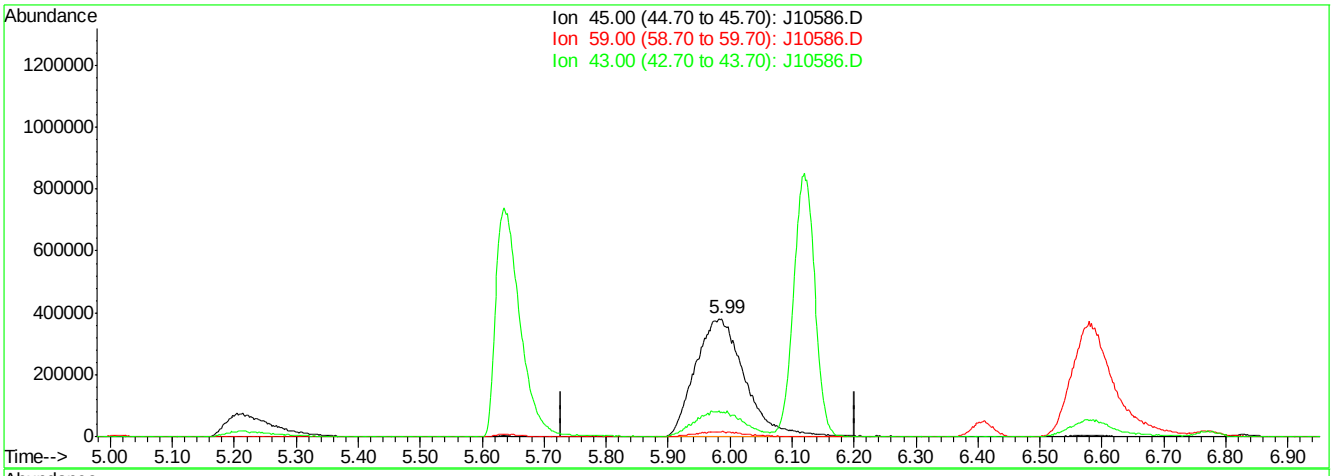
J10586.D J060707T.M Thu Jun 07 16:27:48 2007

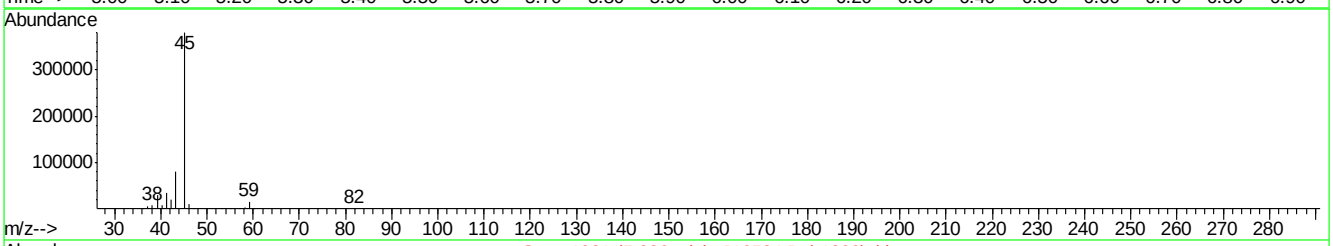
Quantitation Report (Qedit)

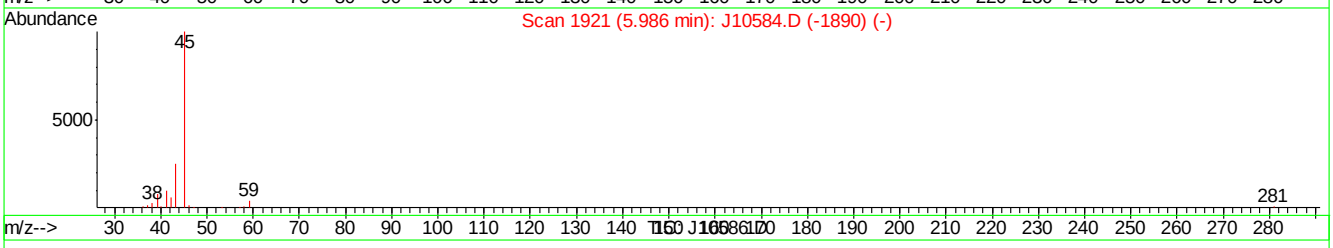
Data File : C:\MSDChem\1\data\J10586.D Vial: 2
Acq On : 7 Jun 2007 3:51 pm Operator: danat
Sample : ic548-40 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

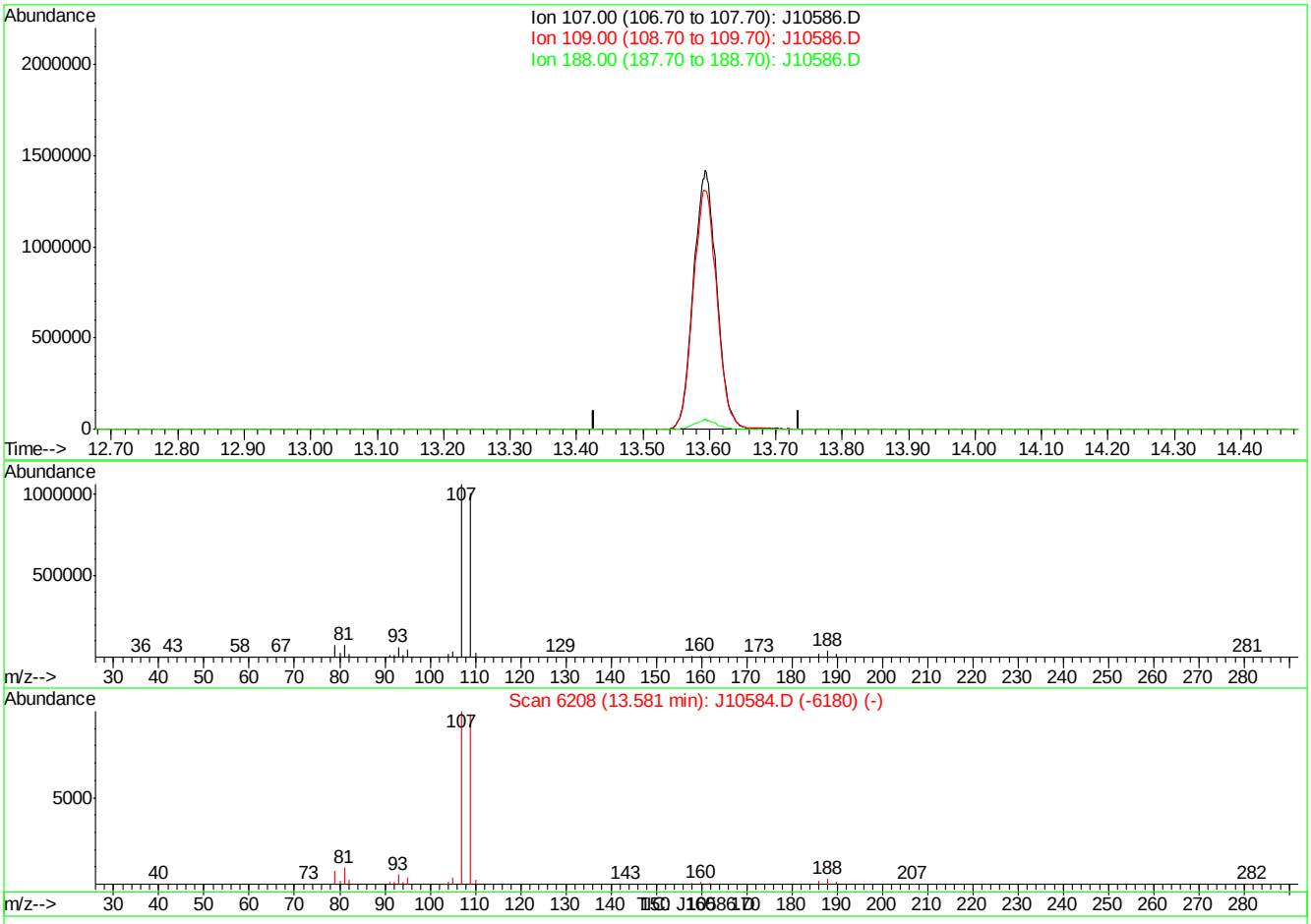
J10586.D J060707T.M Thu Jun 07 16:27:53 2007

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

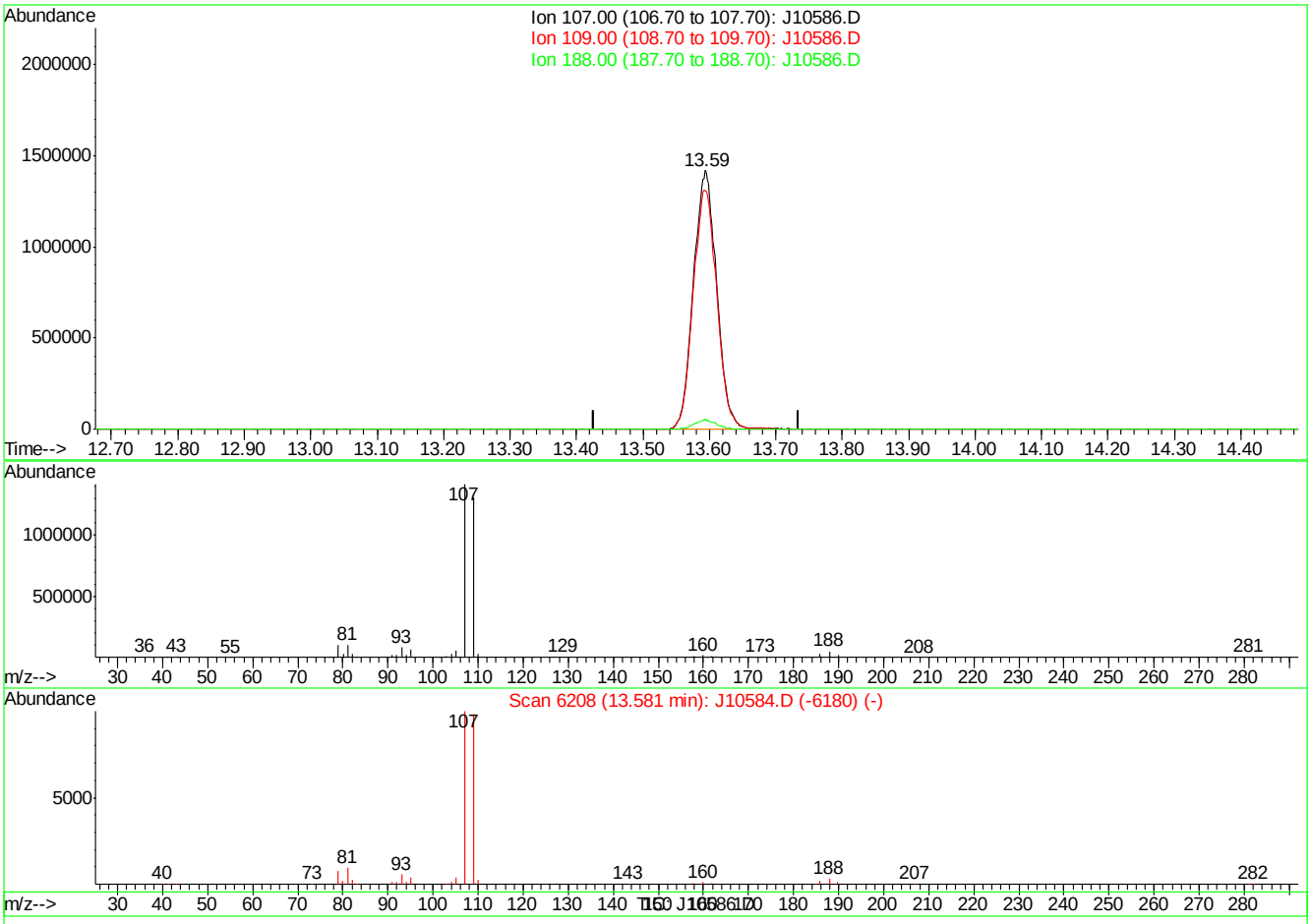
J10586.D J060707T.M Thu Jun 07 16:28:30 2007

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

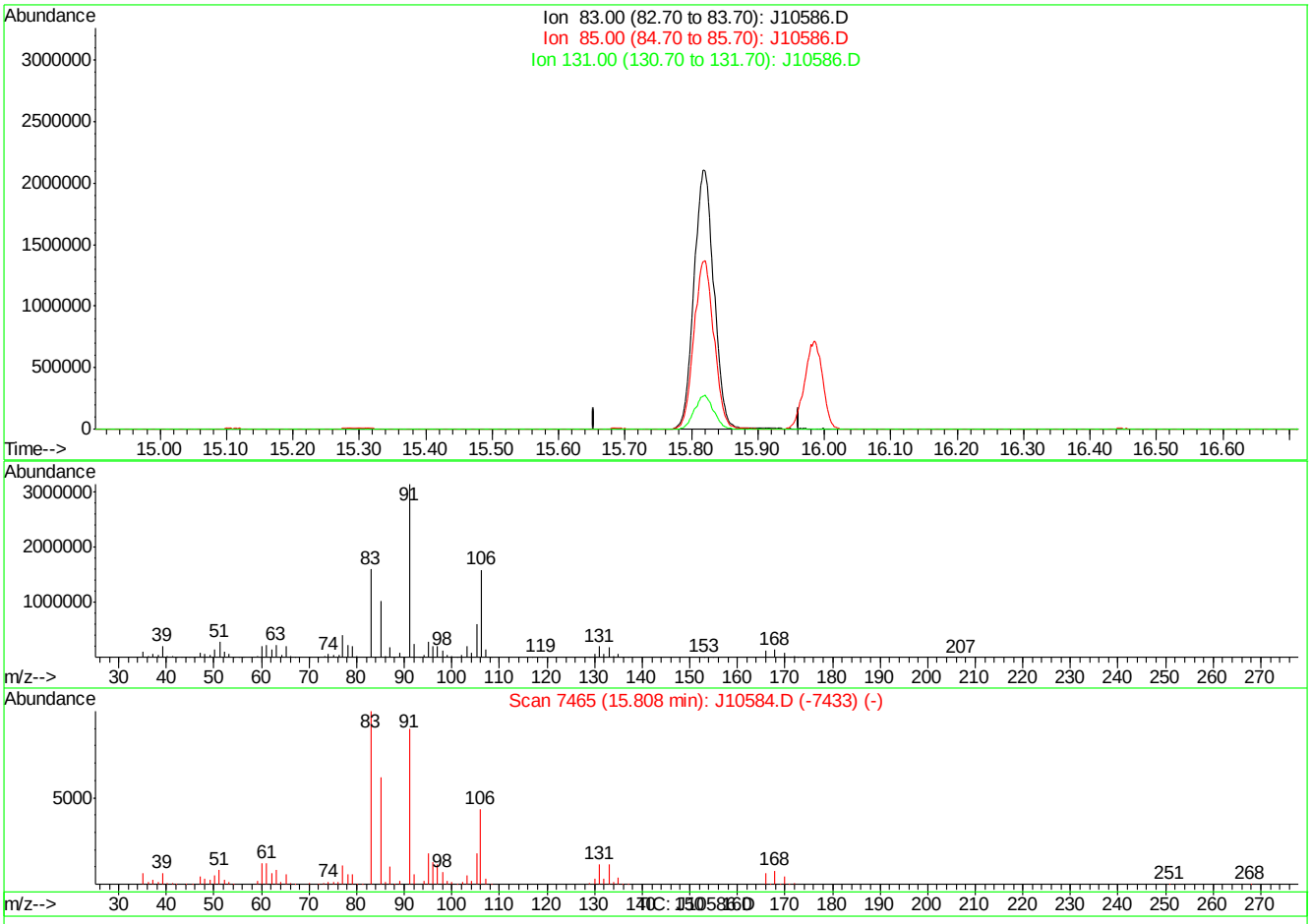
J10586.D J060707T.M Thu Jun 07 16:28:34 2007

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

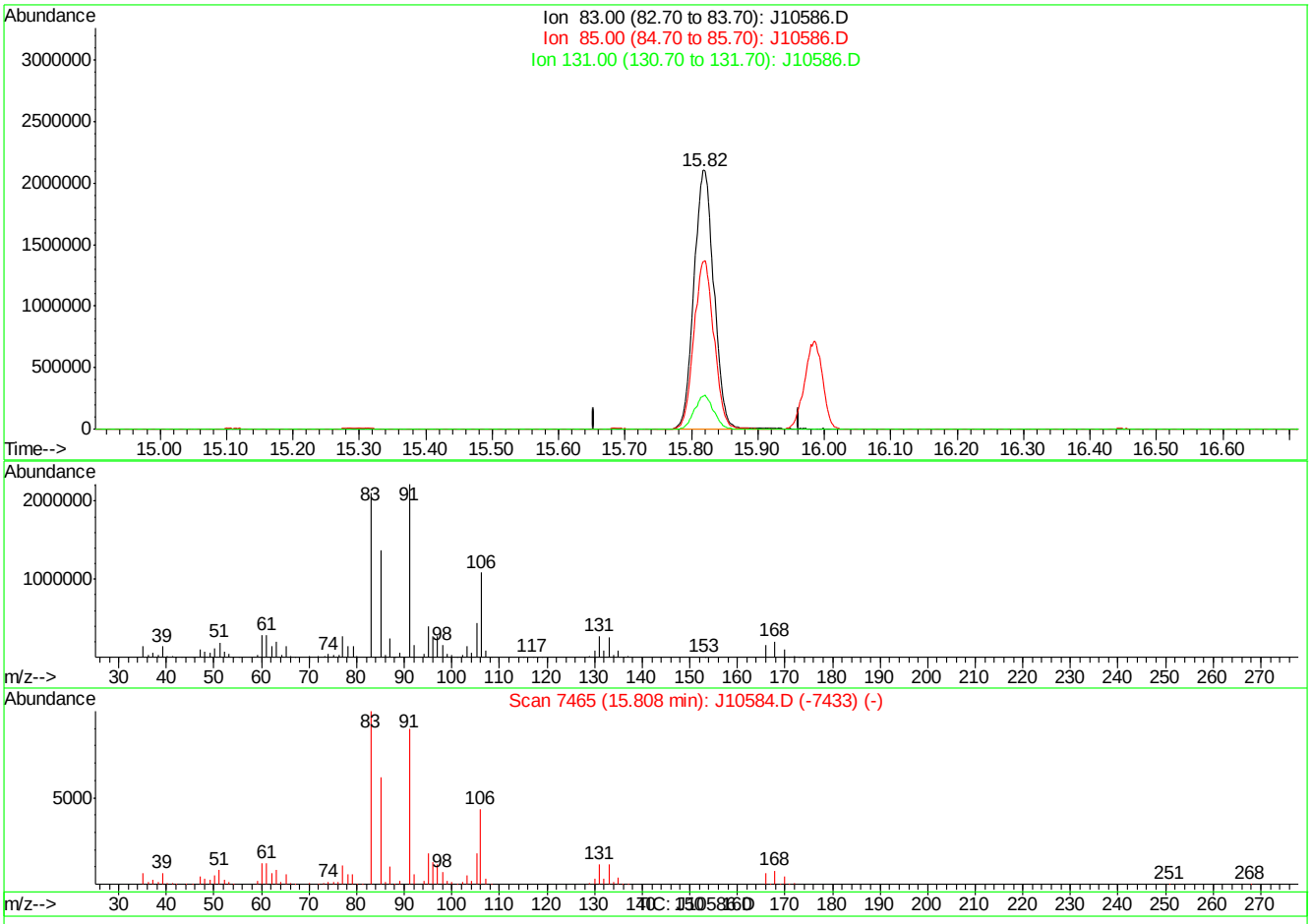
J10586.D J060707T.M Thu Jun 07 16:28:43 2007

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

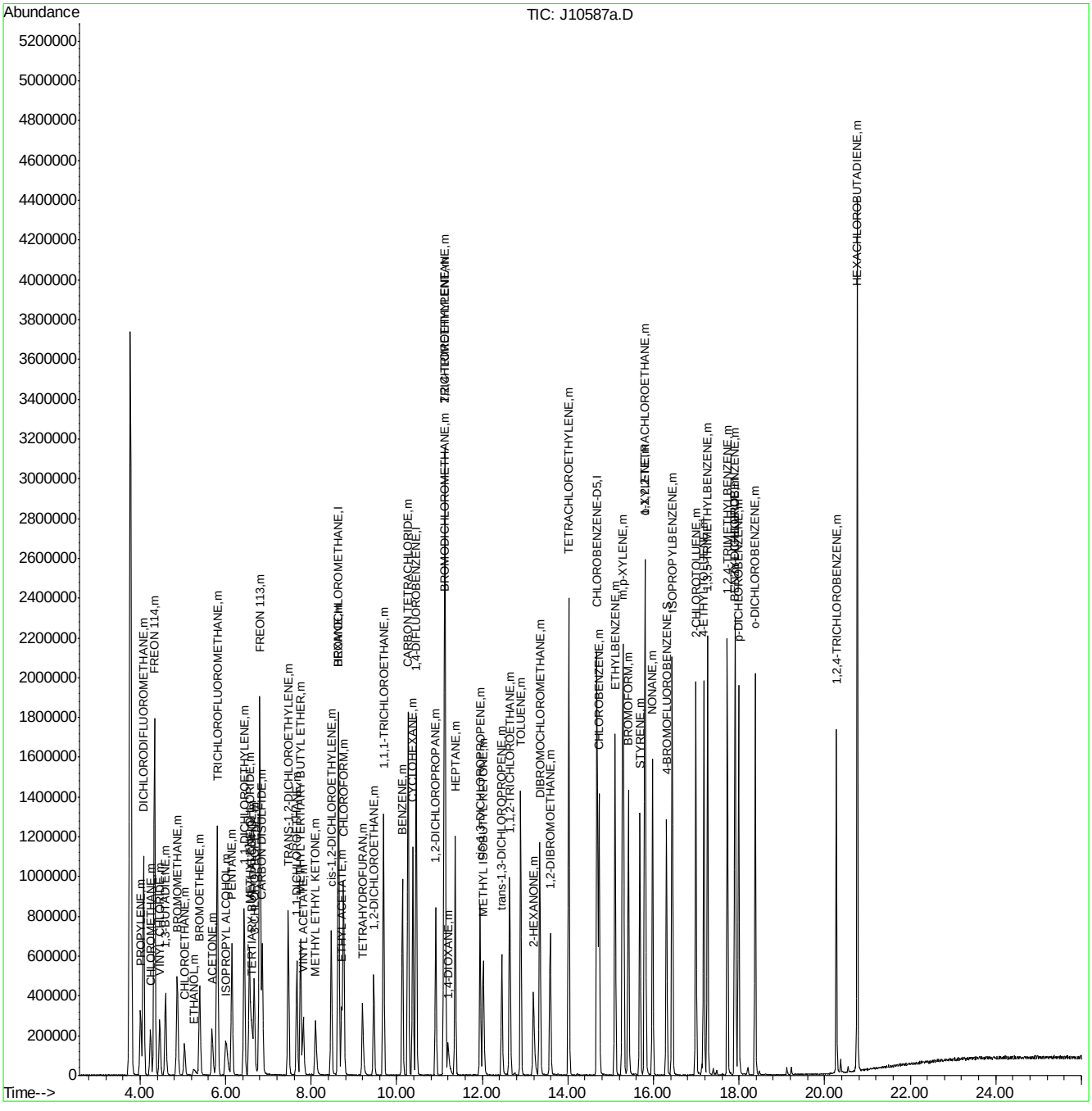
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.02	43	512900	8.29	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.95	75	483552	8.84	PPBV	97
46) TOLUENE	12.90	92	622578	8.27	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	382630	8.28	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.64	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



ACCUTEST Laboratories M65924

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

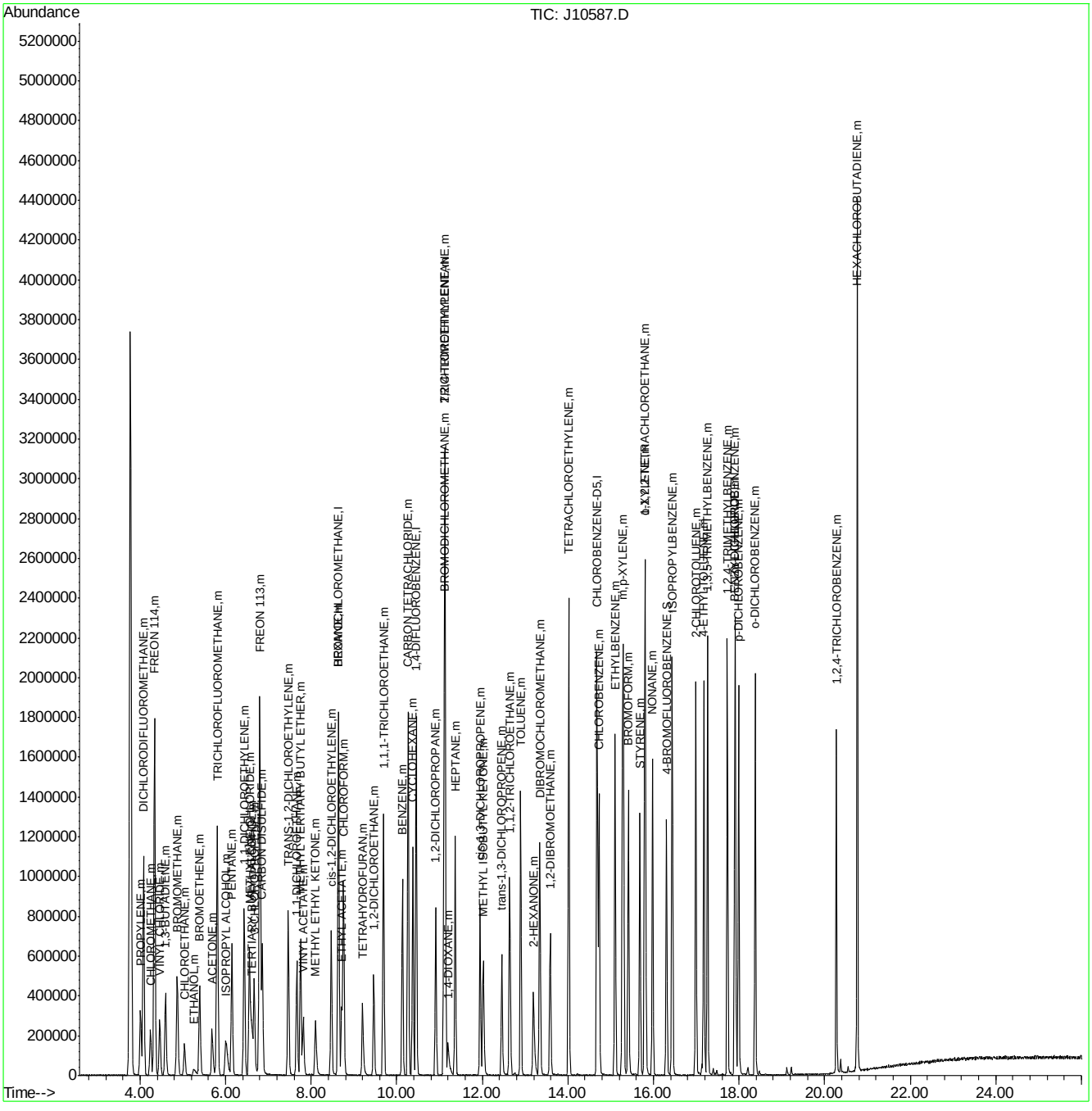
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.02	43	512900	8.29	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.95	75	483552	8.84	PPBV	97
46) TOLUENE	12.90	92	622578	8.27	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	382630	8.28	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.64	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

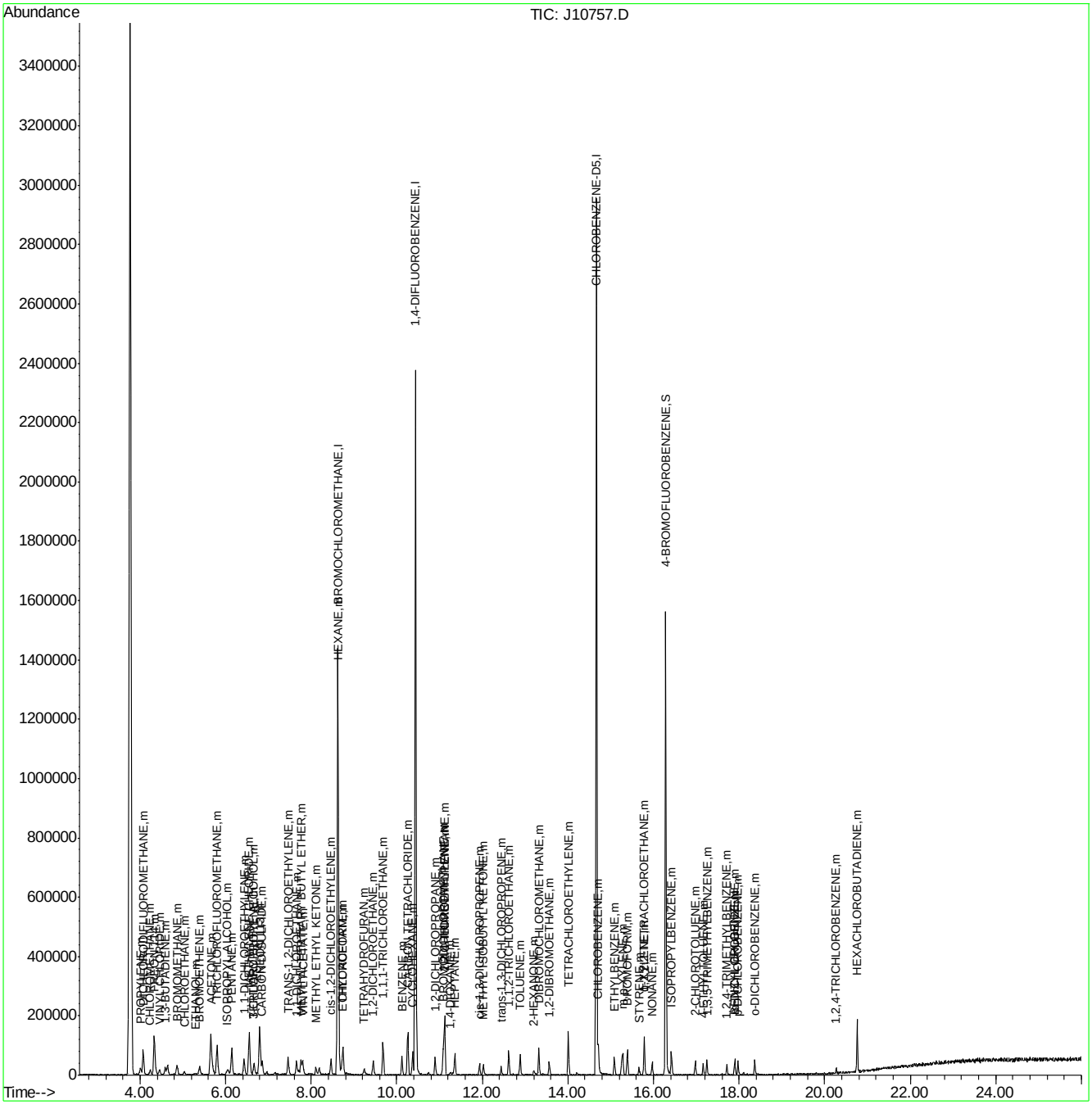
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.02	43	21762	0.37	PPBV #	46
45) cis-1,3-DICHLOROPROPENE	11.93	75	16819	0.34	PPBV	95
46) TOLUENE	12.88	92	27196	0.42	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.44	75	13551	0.29	PPBV	97
48) 1,1,2-TRICHLOROETHANE	12.61	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

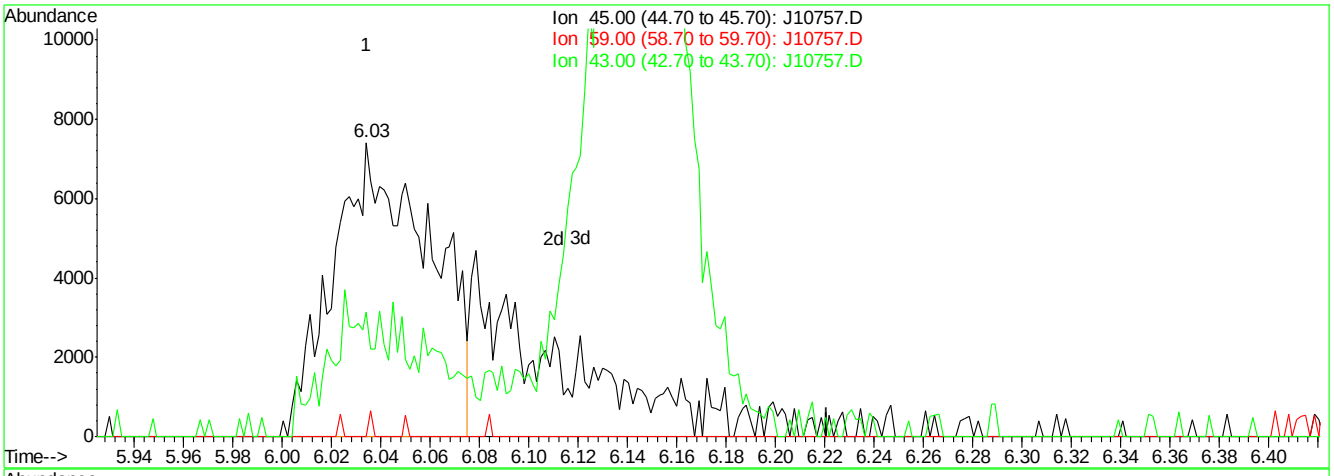


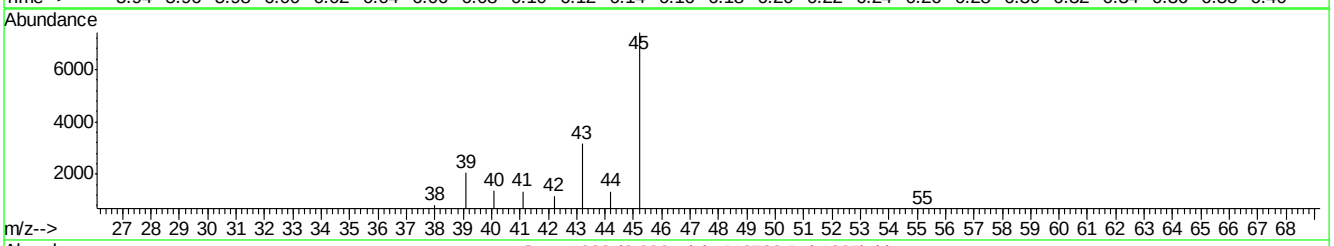
Quantitation Report (Qedit)

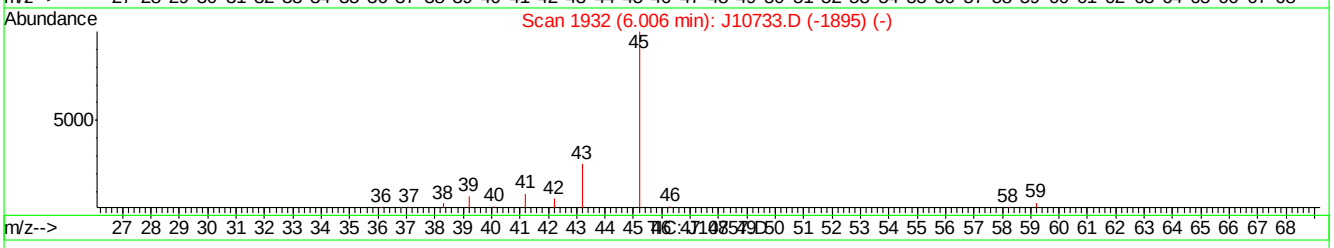
Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

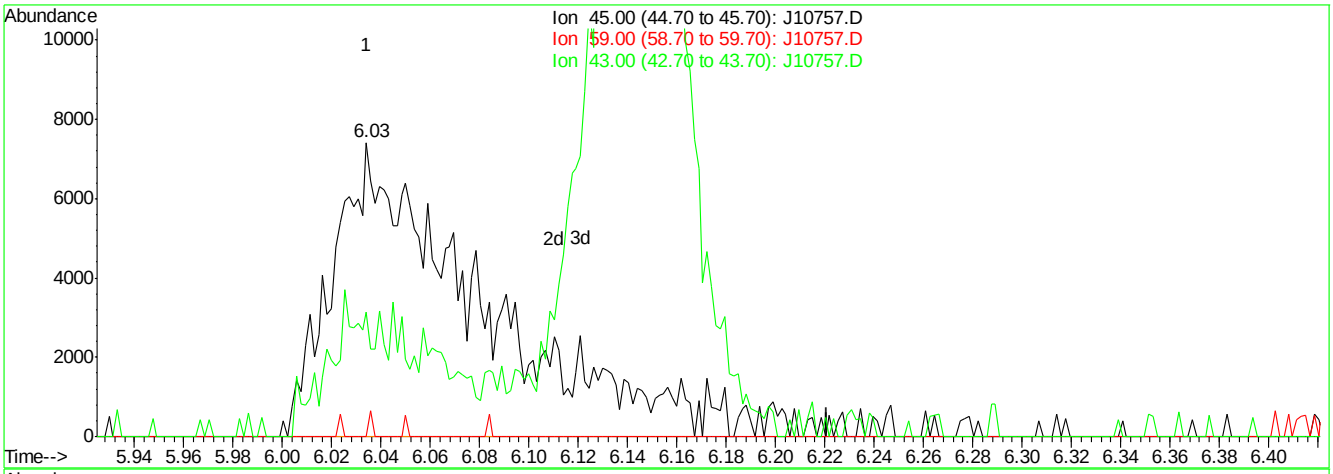
J10757.D J062507T.M Mon Jun 25 10:48:40 2007

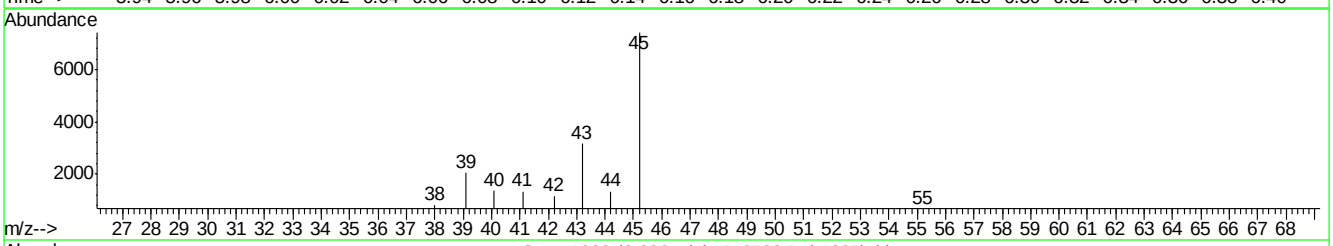
Quantitation Report (Qedit)

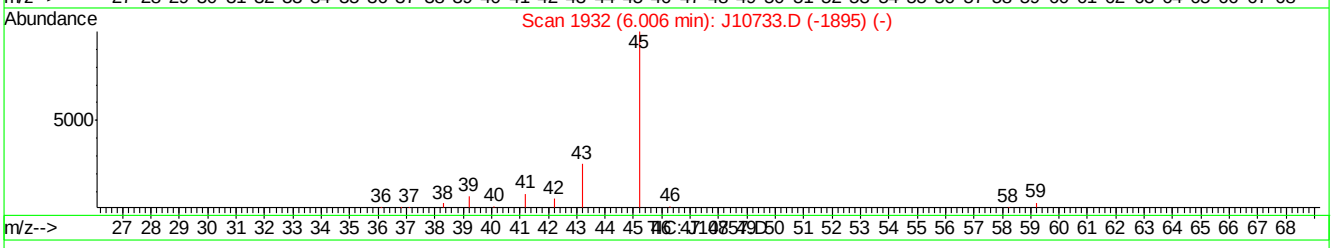
Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

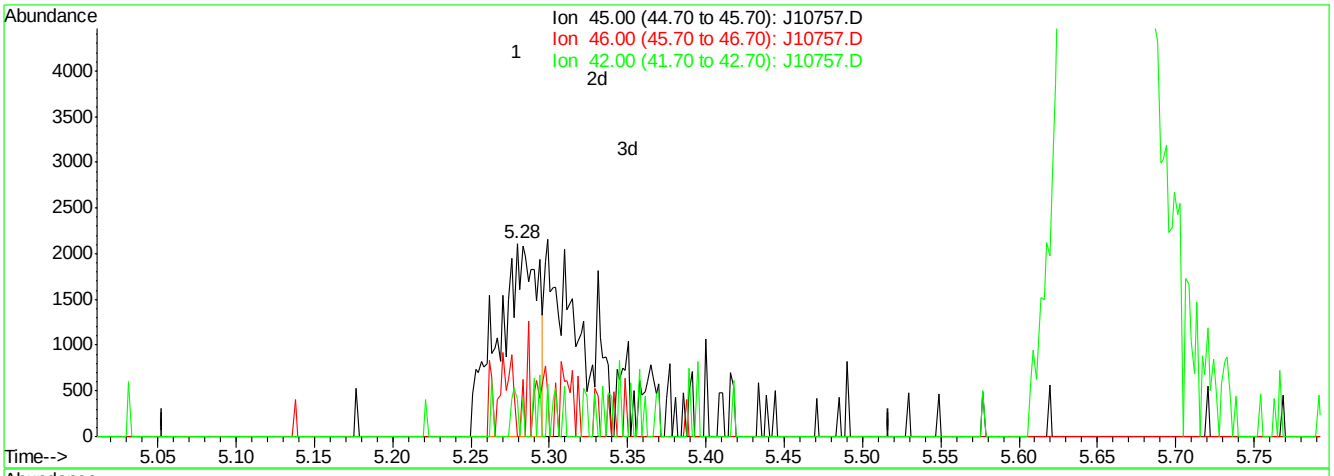
J10757.D J062507T.M Mon Jun 25 10:48:45 2007

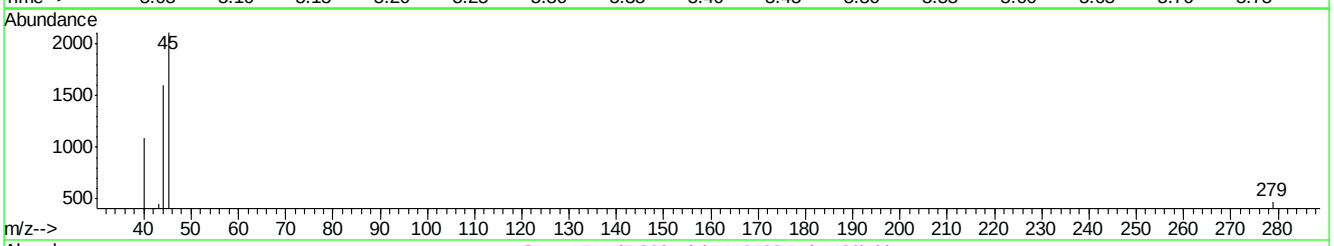
Quantitation Report (Qedit)

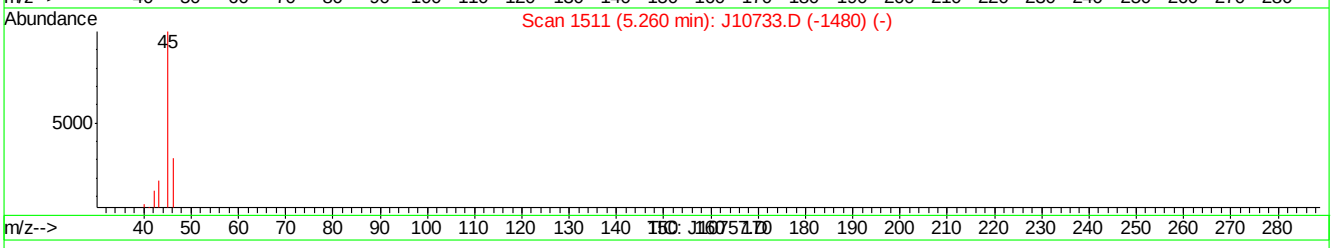
Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

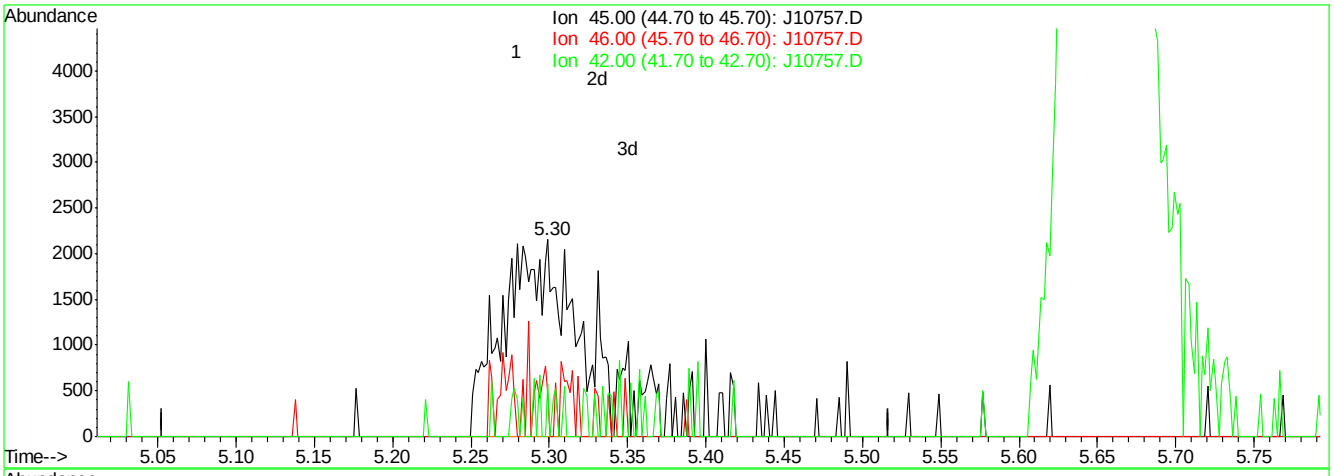
J10757.D J062507T.M Mon Jun 25 10:49:22 2007

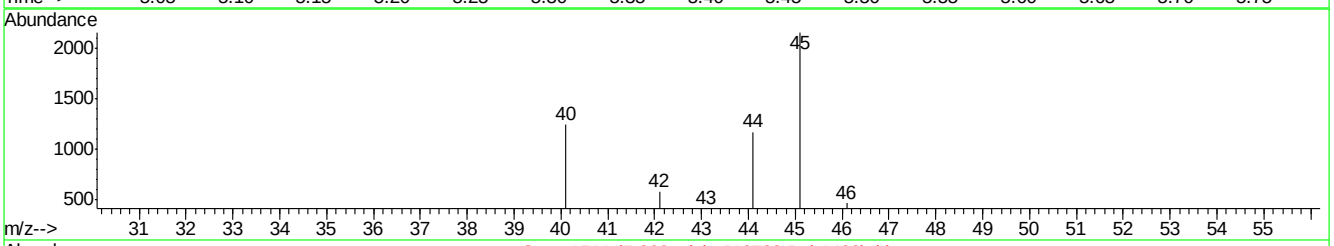
Quantitation Report (Qedit)

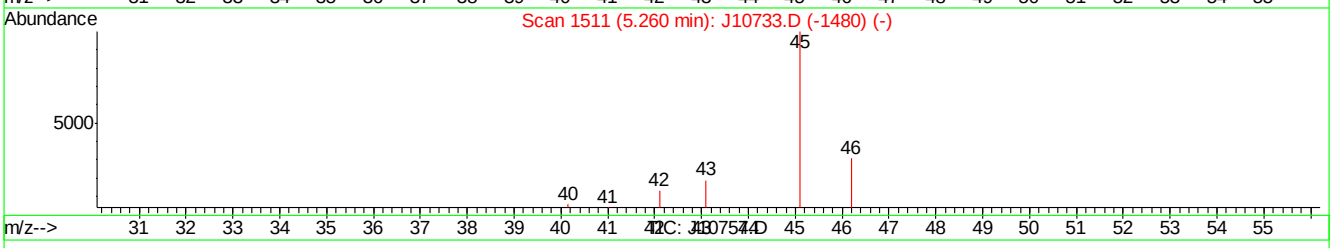
Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

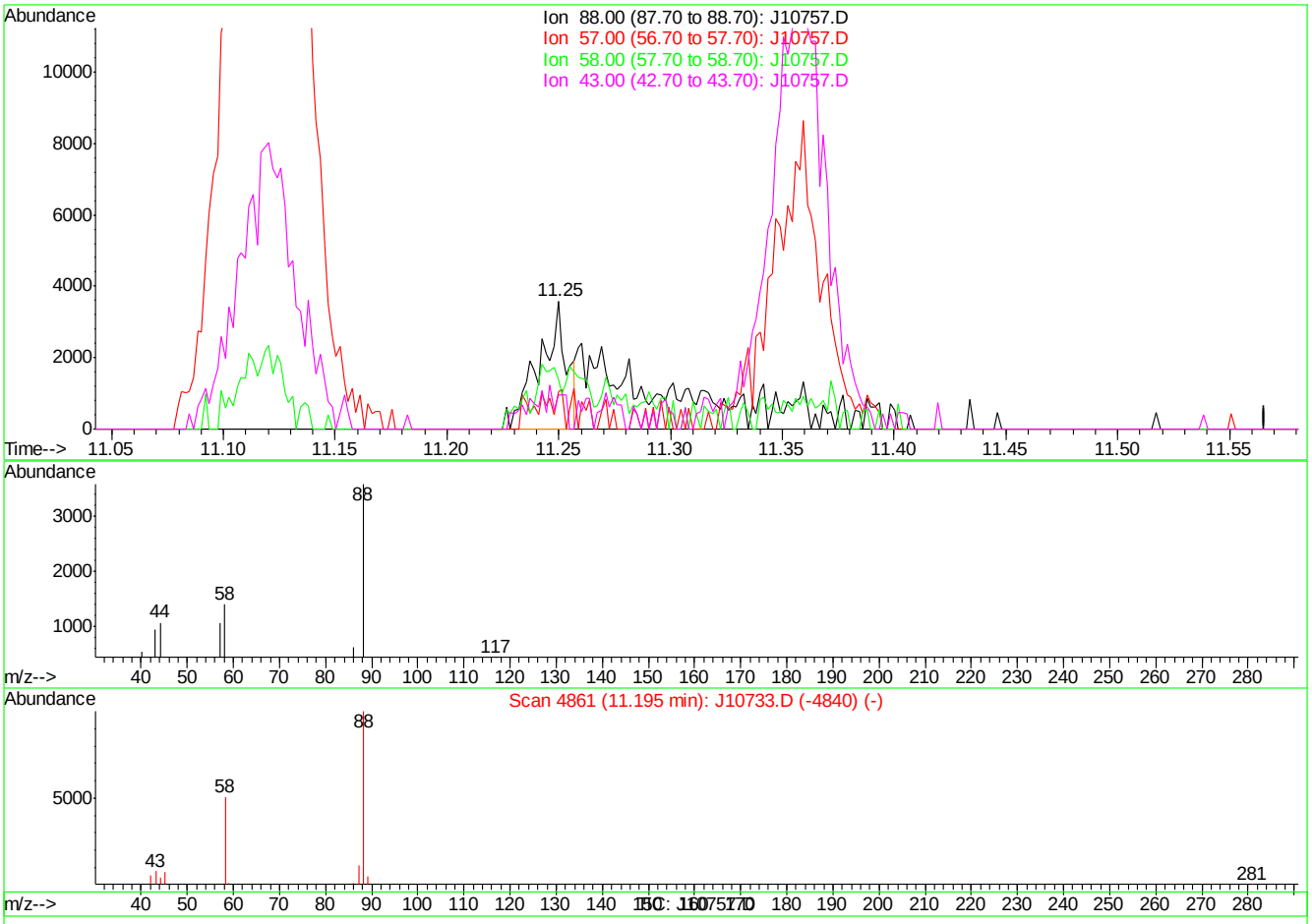
J10757.D J062507T.M Mon Jun 25 10:49:33 2007

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

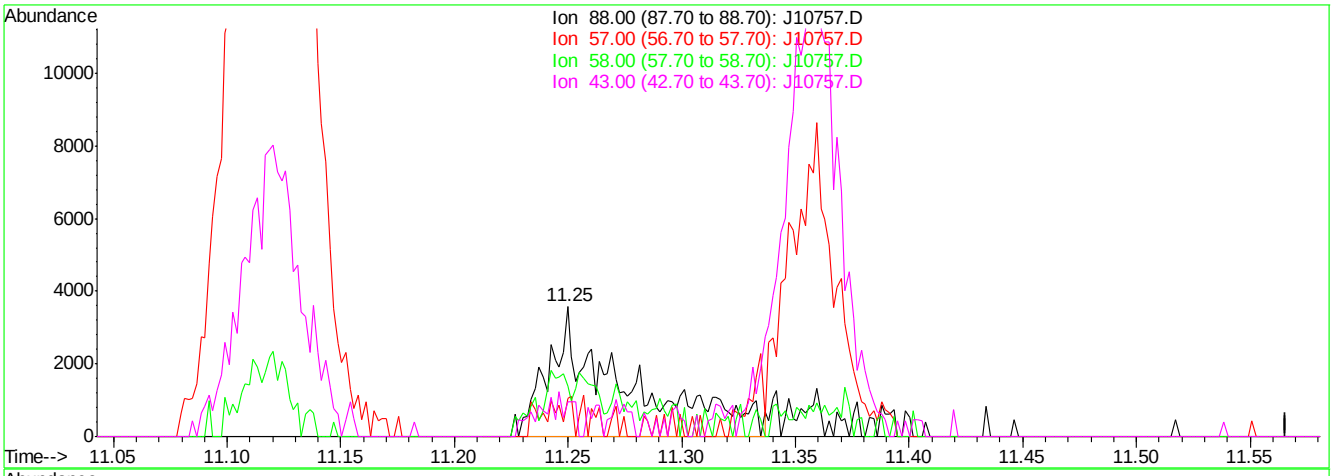
J10757.D J062507T.M Mon Jun 25 10:49:57 2007

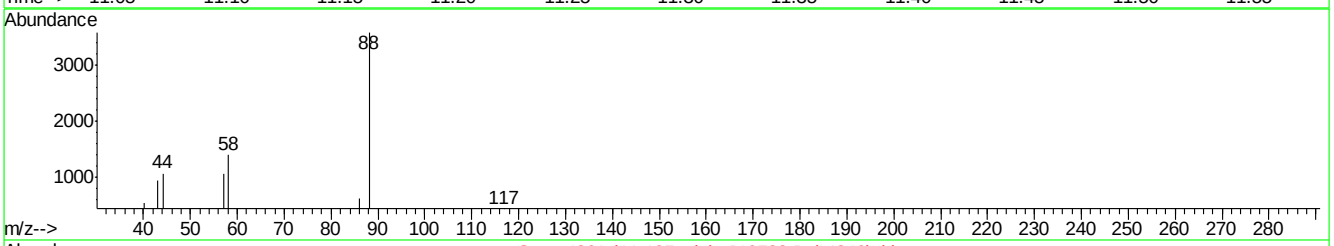
Quantitation Report (Qedit)

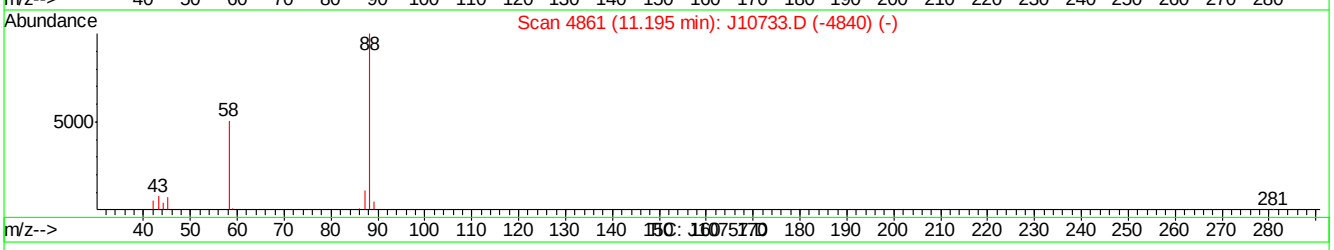
Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

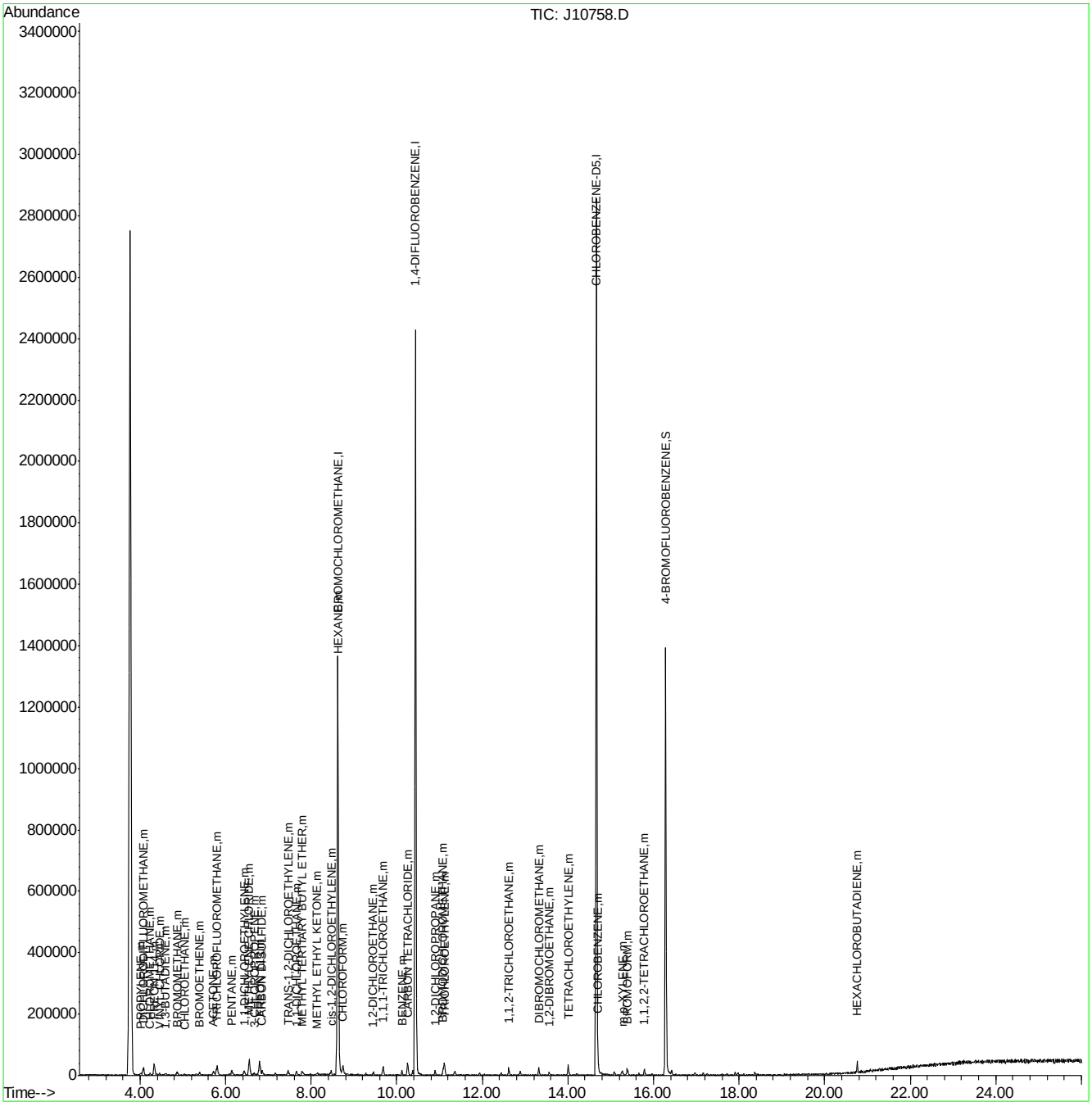
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = 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



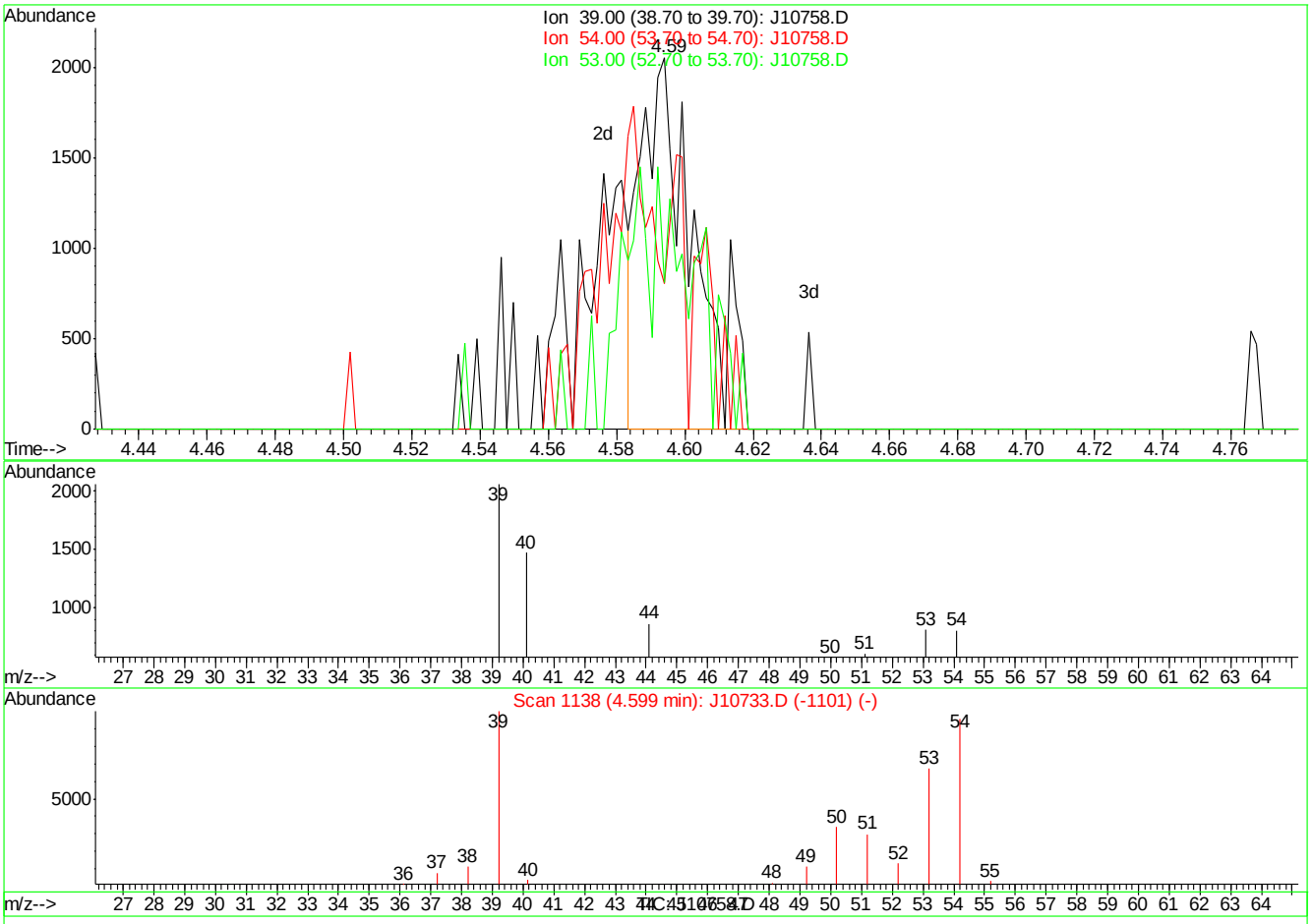
ACCUTEST Laboratories M65924

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

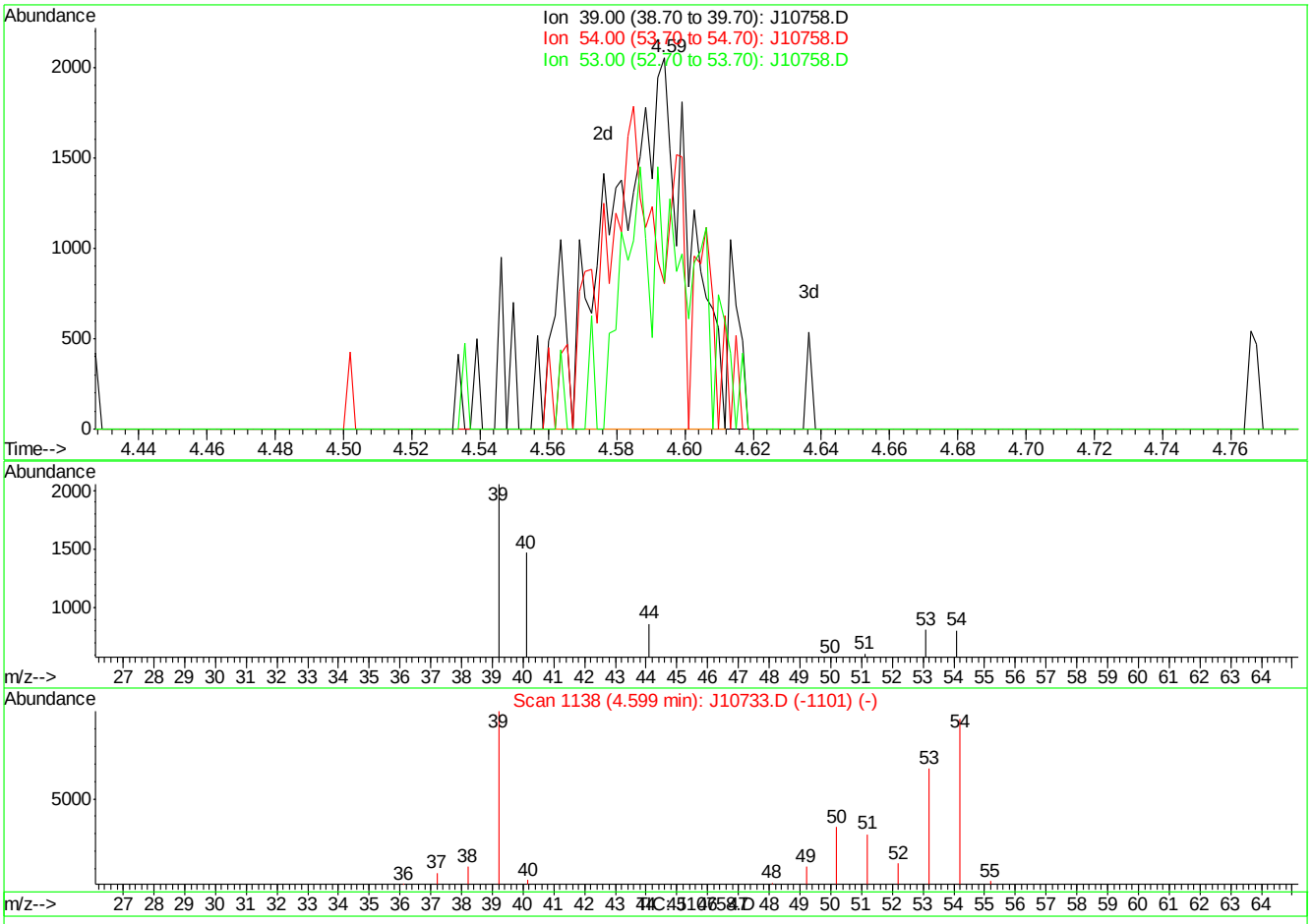
J10758.D J062507T.M Mon Jun 25 11:49:01 2007

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

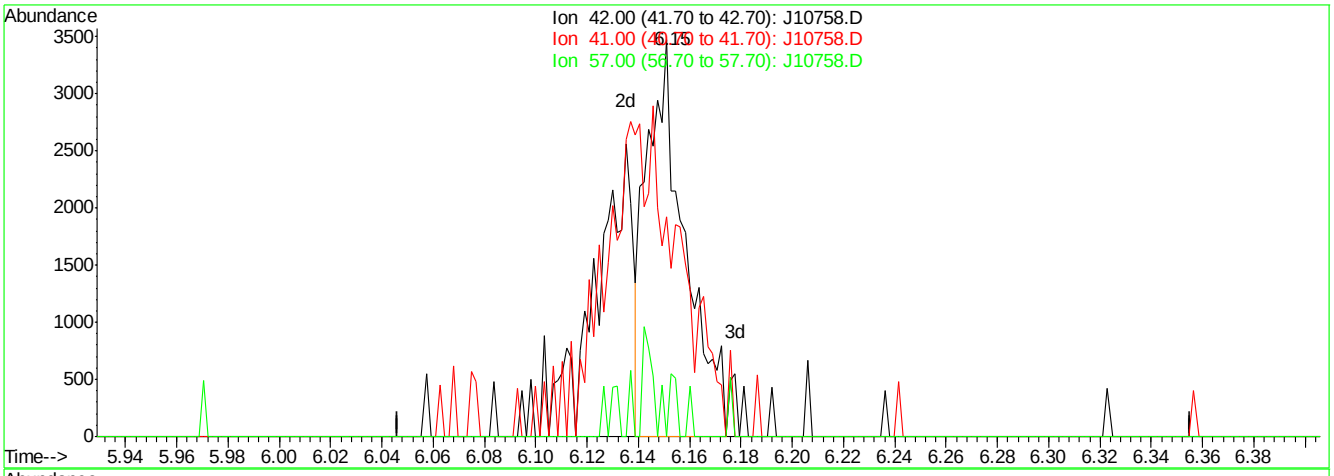
J10758.D J062507T.M Mon Jun 25 11:49:09 2007

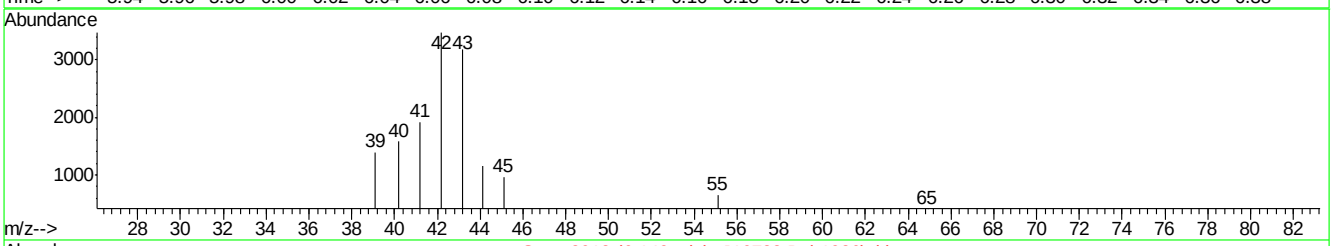
Quantitation Report (Qedit)

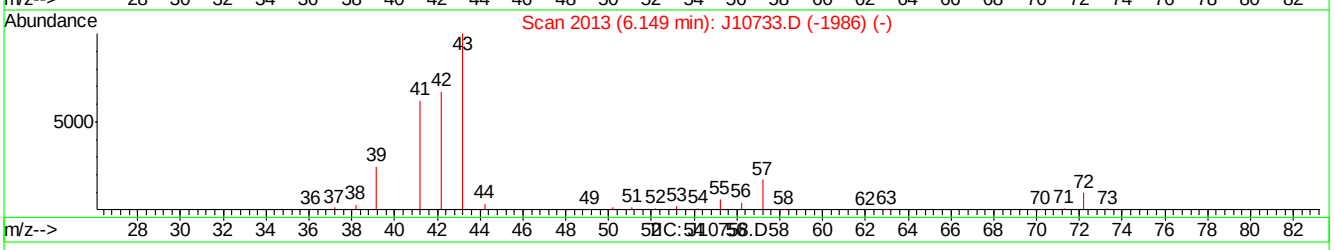
Data File : C:\MSDChem\1\data\J10758.D Vial: 2
Acq On : 25 Jun 2007 11:05 am Operator: danat
Sample : ic557-0.2 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

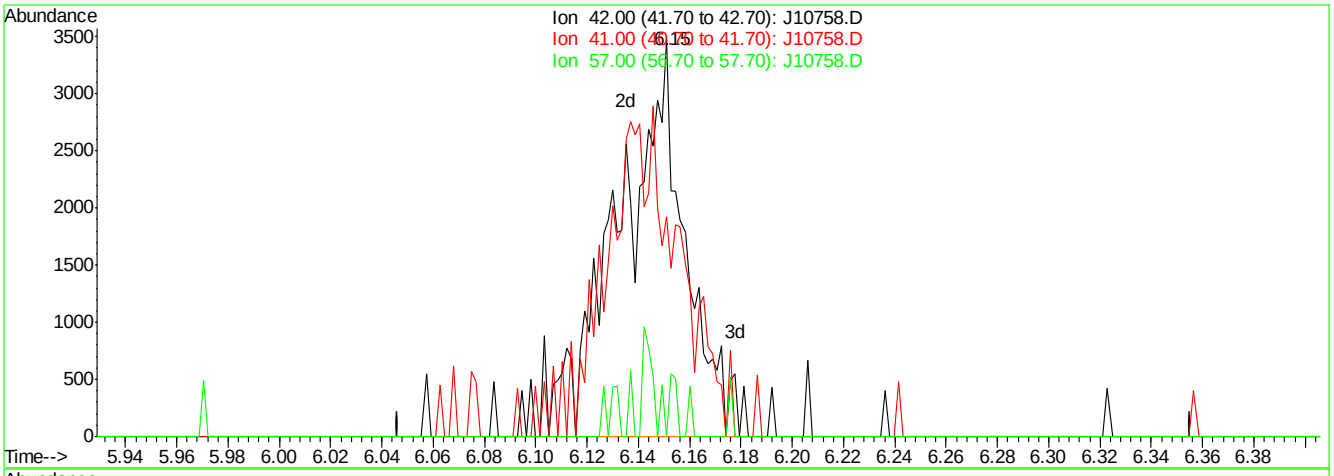
J10758.D J062507T.M Mon Jun 25 11:49:31 2007

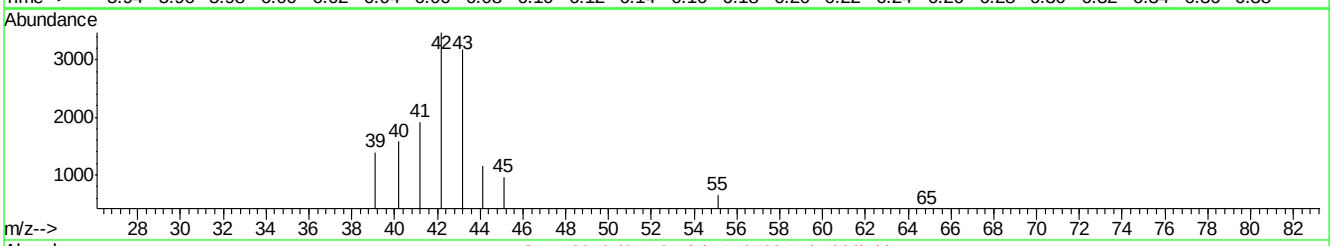
Quantitation Report (Qedit)

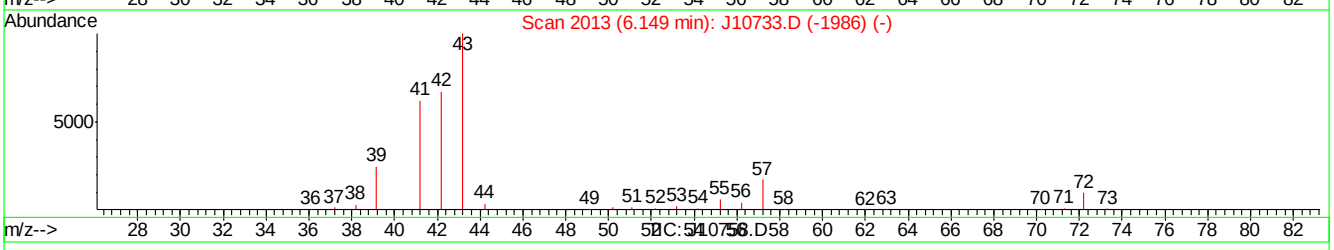
Data File : C:\MSDChem\1\data\J10758.D Vial: 2
Acq On : 25 Jun 2007 11:05 am Operator: danat
Sample : ic557-0.2 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

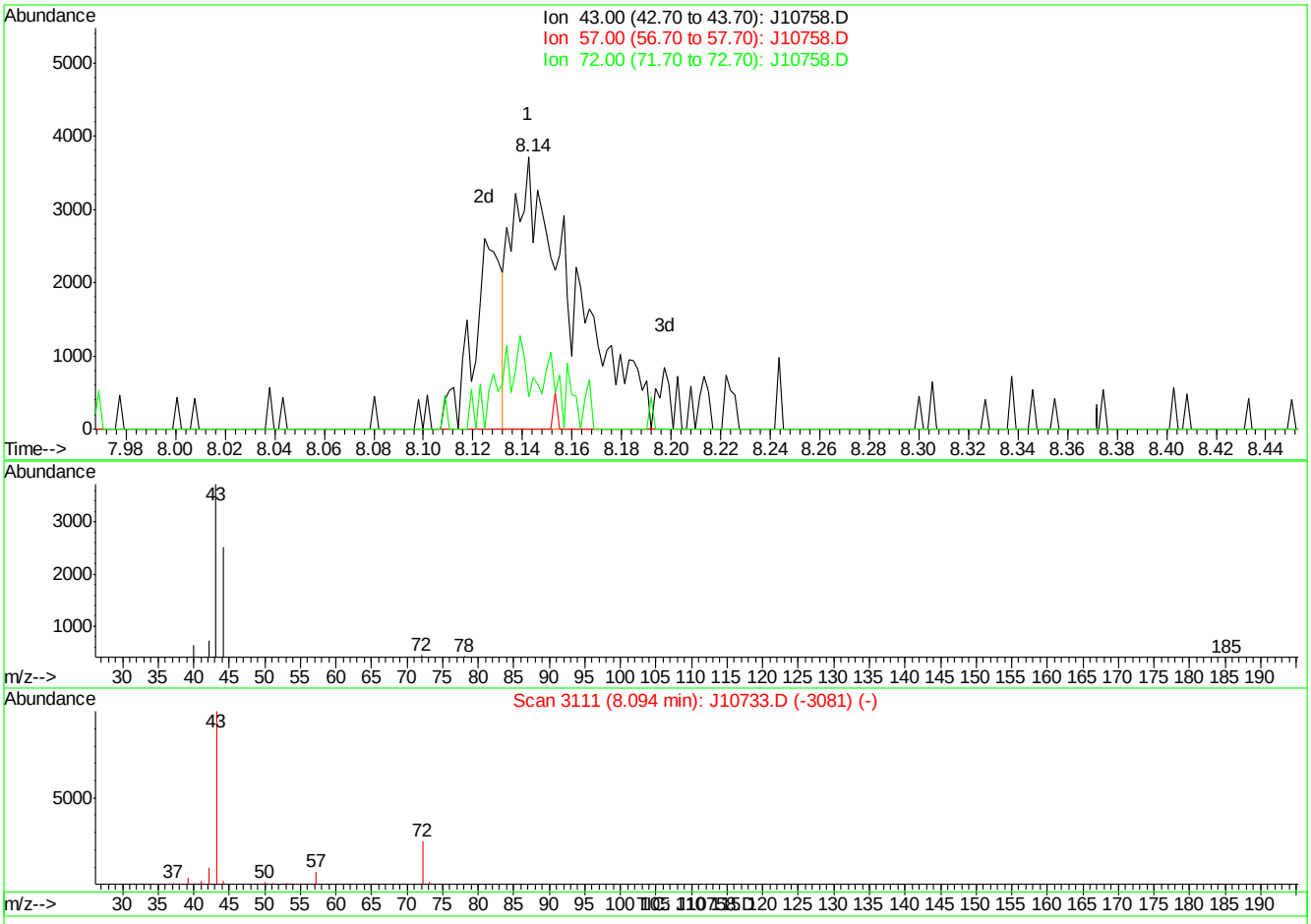
J10758.D J062507T.M Mon Jun 25 11:49:39 2007

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

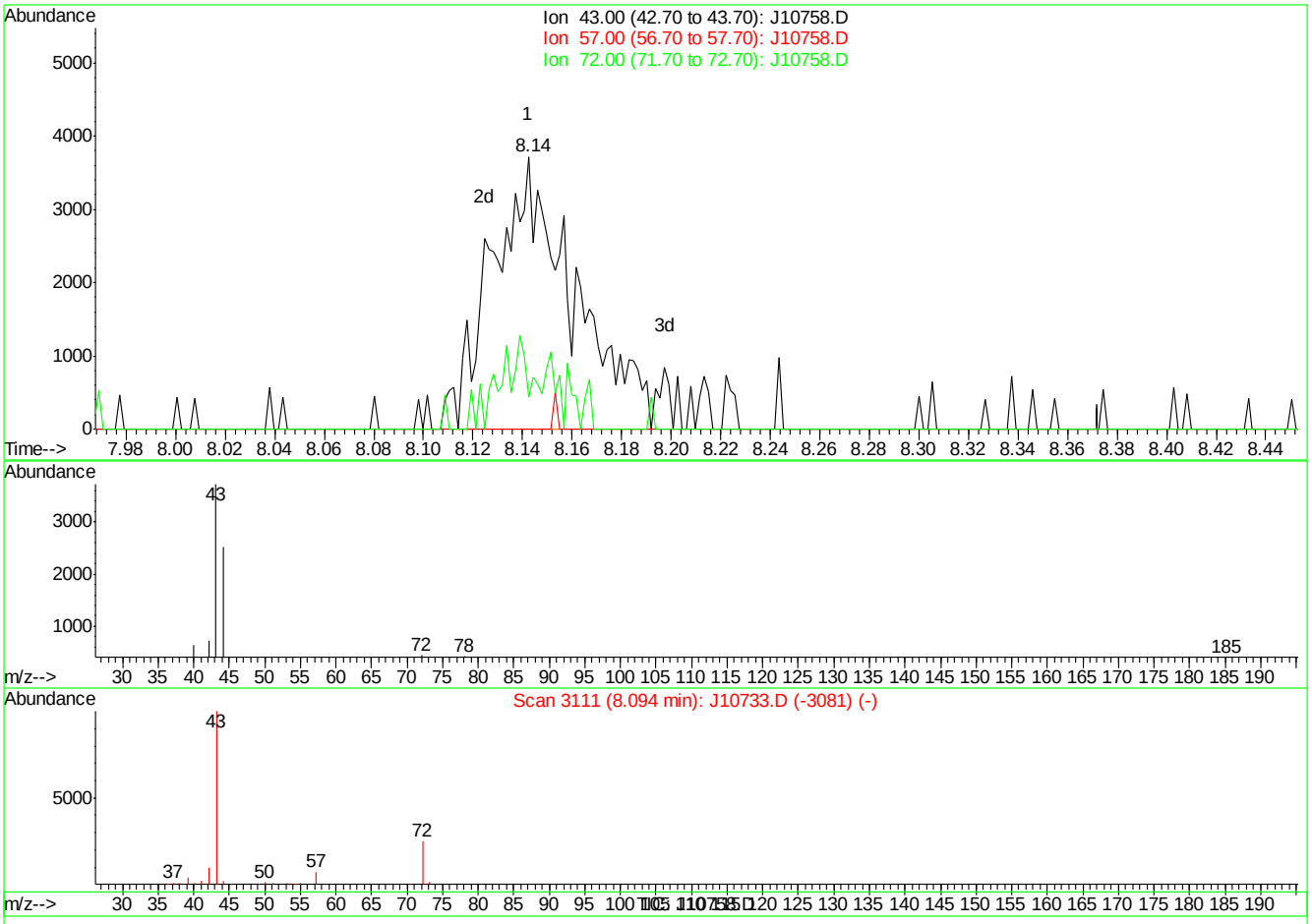
J10758.D J062507T.M Mon Jun 25 11:50:19 2007

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

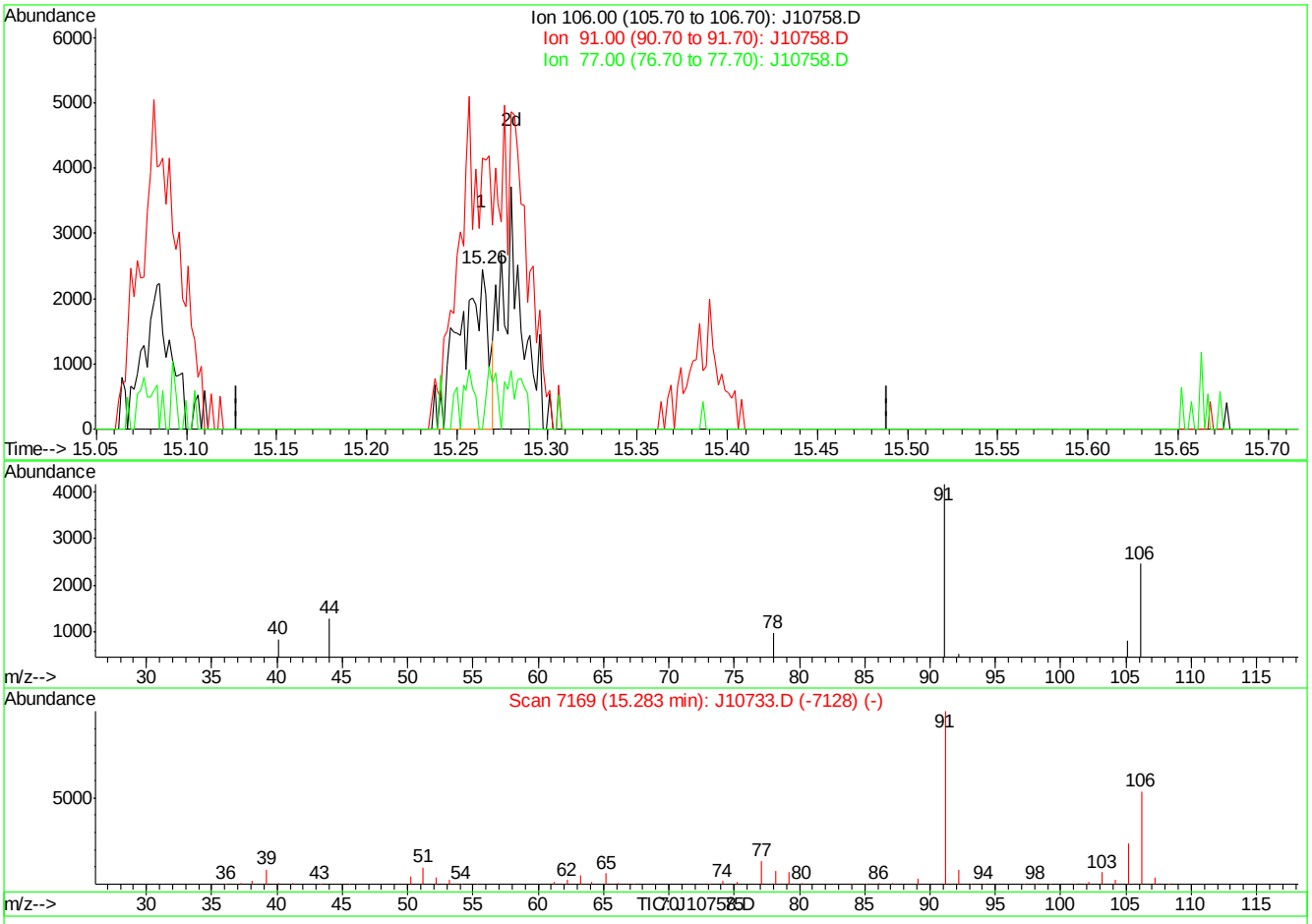
J10758.D J062507T.M Mon Jun 25 11:50:25 2007

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

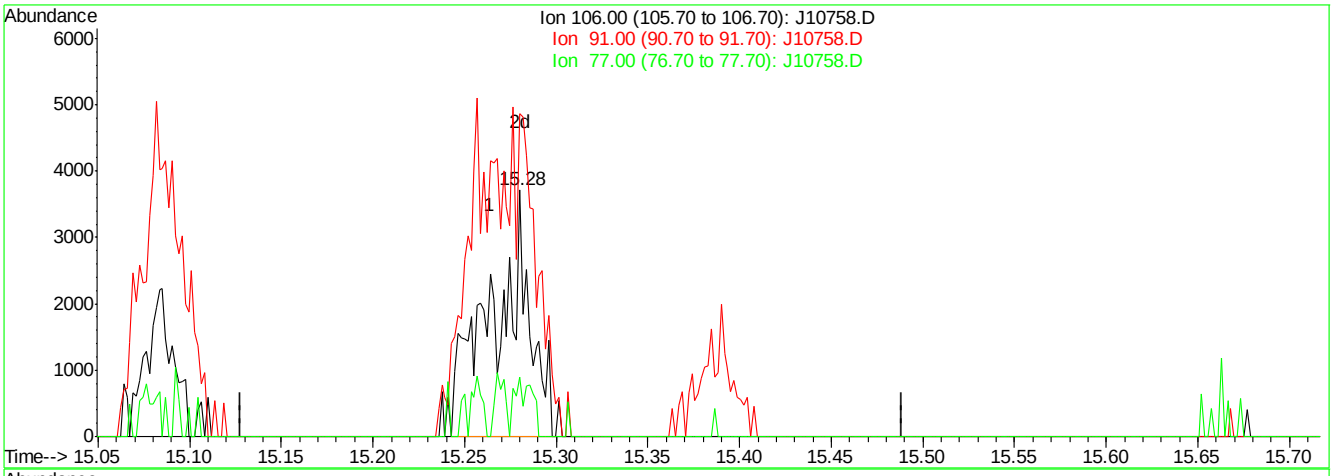
J10758.D J062507T.M Mon Jun 25 11:52:03 2007

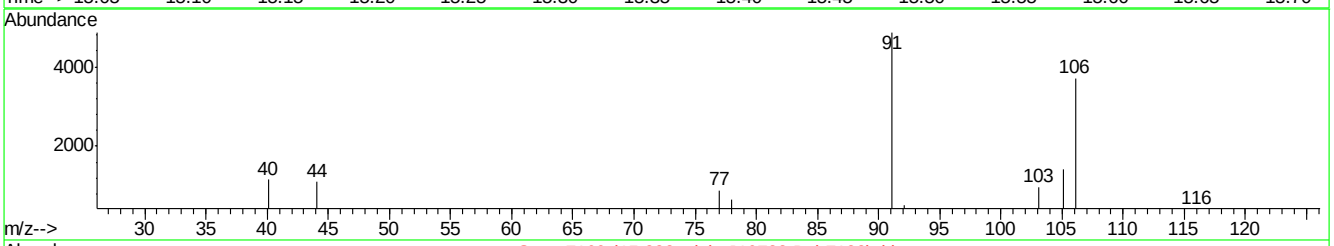
Quantitation Report (Qedit)

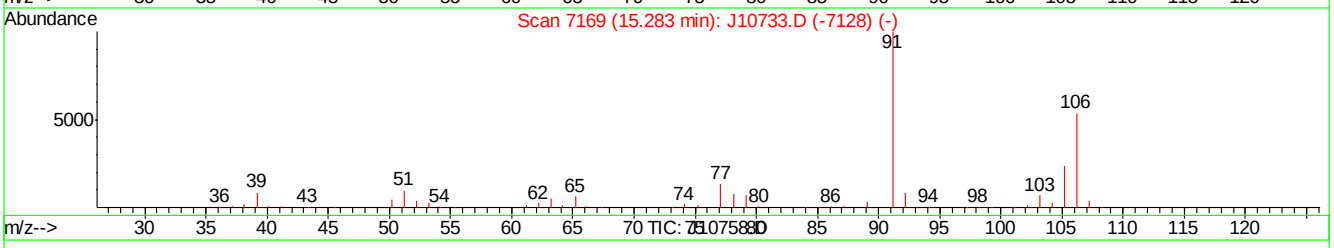
Data File : C:\MSDChem\1\data\J10758.D Vial: 2
Acq On : 25 Jun 2007 11:05 am Operator: danat
Sample : ic557-0.2 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

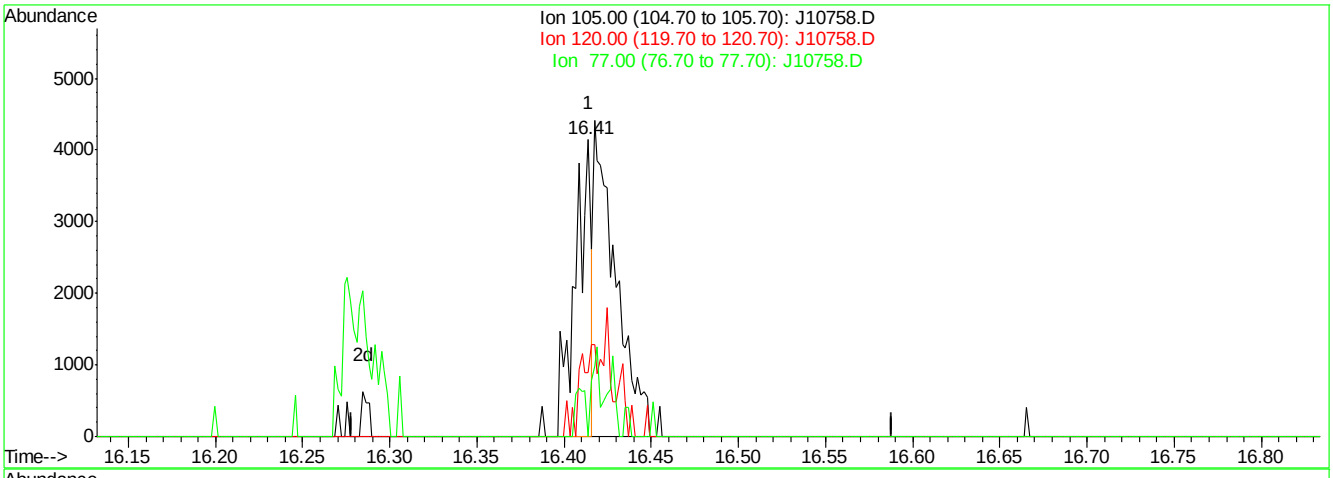
J10758.D J062507T.M Mon Jun 25 11:52:13 2007

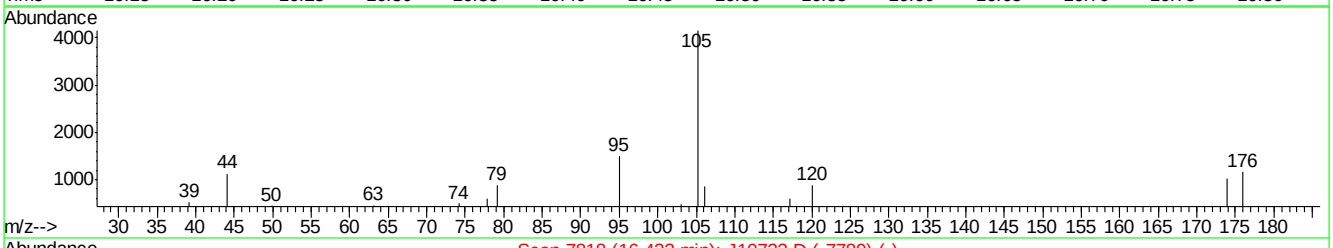
Quantitation Report (Qedit)

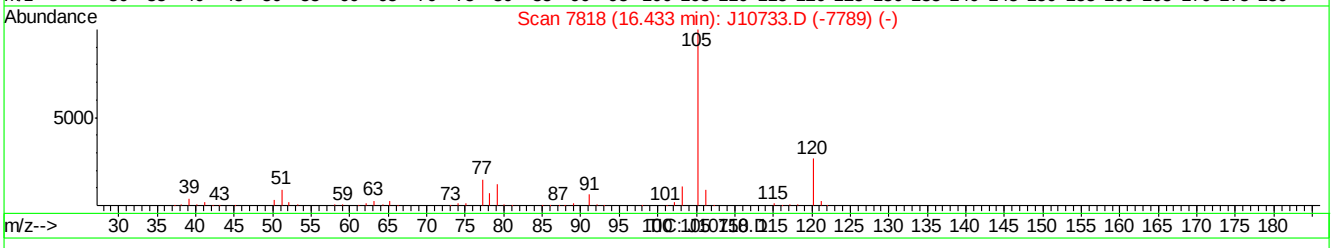
Data File : C:\MSDChem\1\data\J10758.D Vial: 2
Acq On : 25 Jun 2007 11:05 am Operator: danat
Sample : ic557-0.2 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

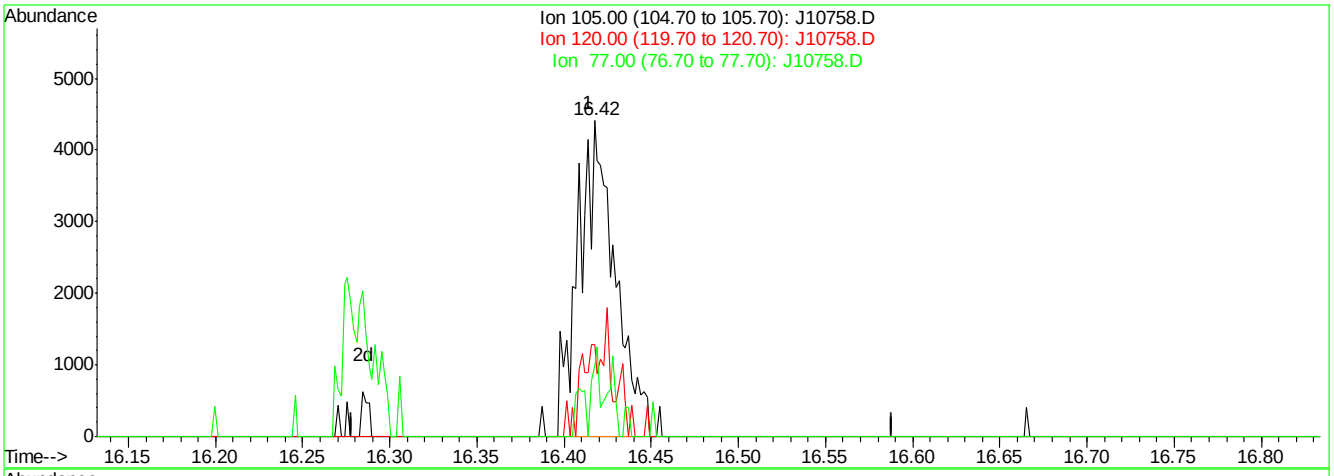
J10758.D J062507T.M Mon Jun 25 11:52:30 2007

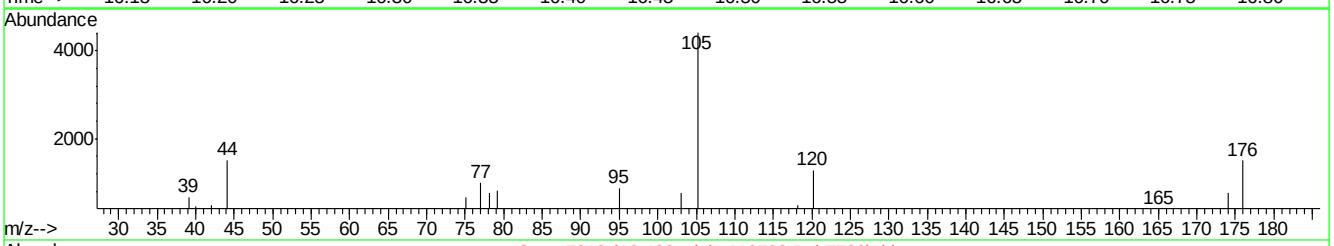
Quantitation Report (Qedit)

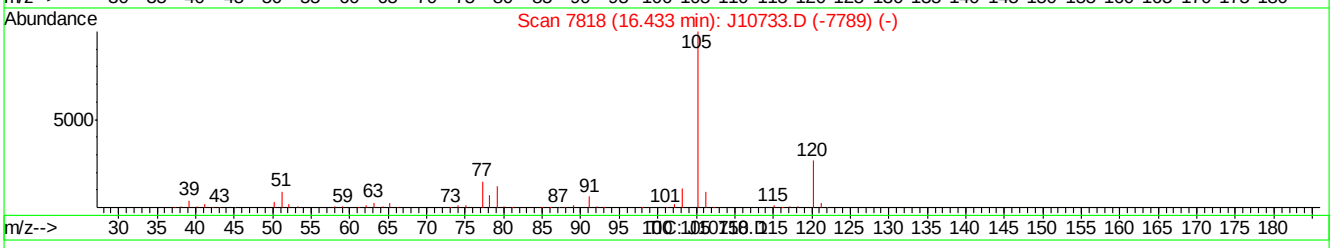
Data File : C:\MSDChem\1\data\J10758.D Vial: 2
Acq On : 25 Jun 2007 11:05 am Operator: danat
Sample : ic557-0.2 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

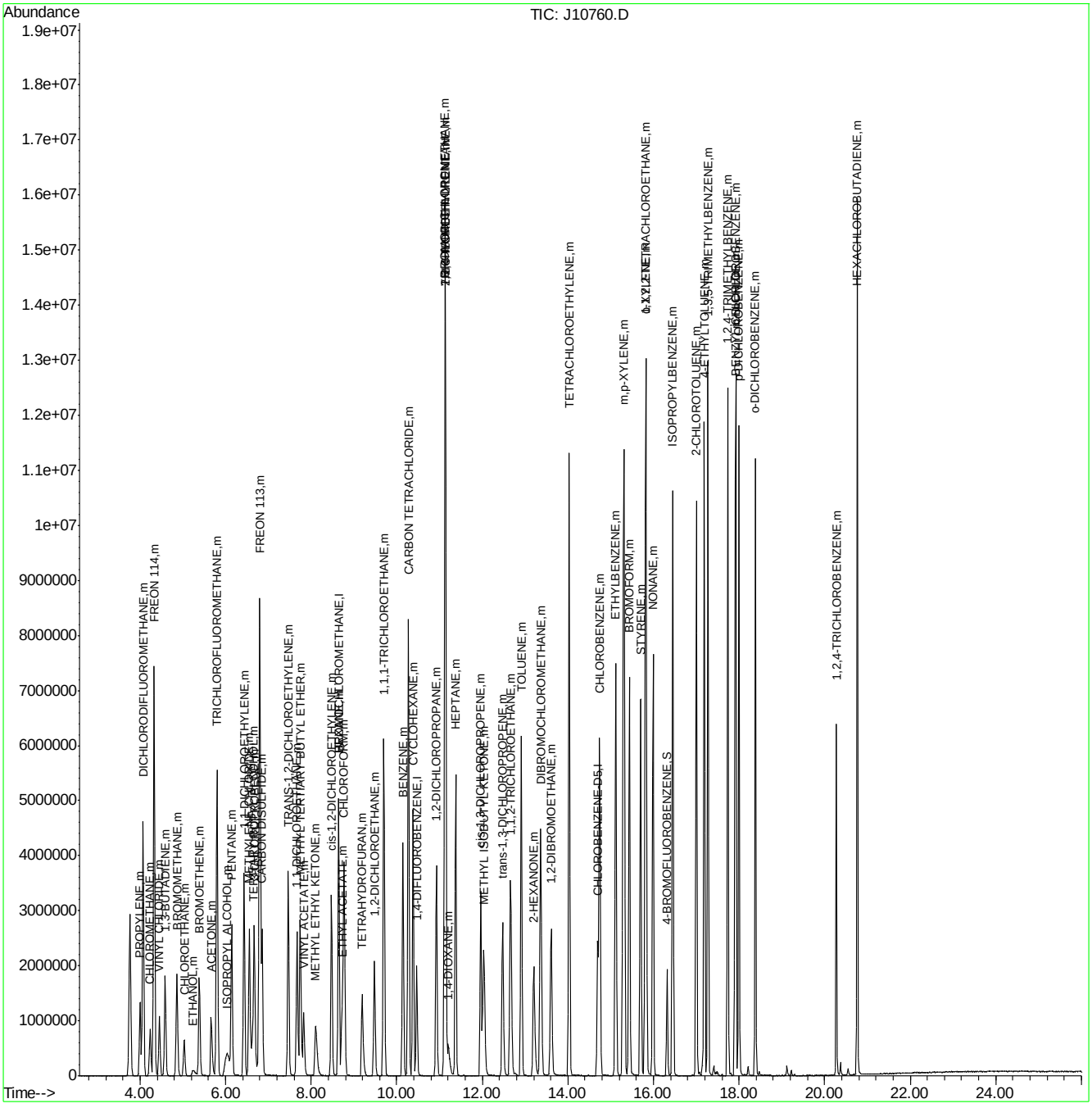
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	12.03	43	2669104	45.25	PPBV		98
45) cis-1,3-DICHLOROPROPENE	11.96	75	2235612	44.72	PPBV		97
46) TOLUENE	12.91	92	3175409	48.29	PPBV		99
47) trans-1,3-DICHLOROPROPENE	12.47	75	2268217	47.63	PPBV	#	76
48) 1,1,2-TRICHLOROETHANE	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

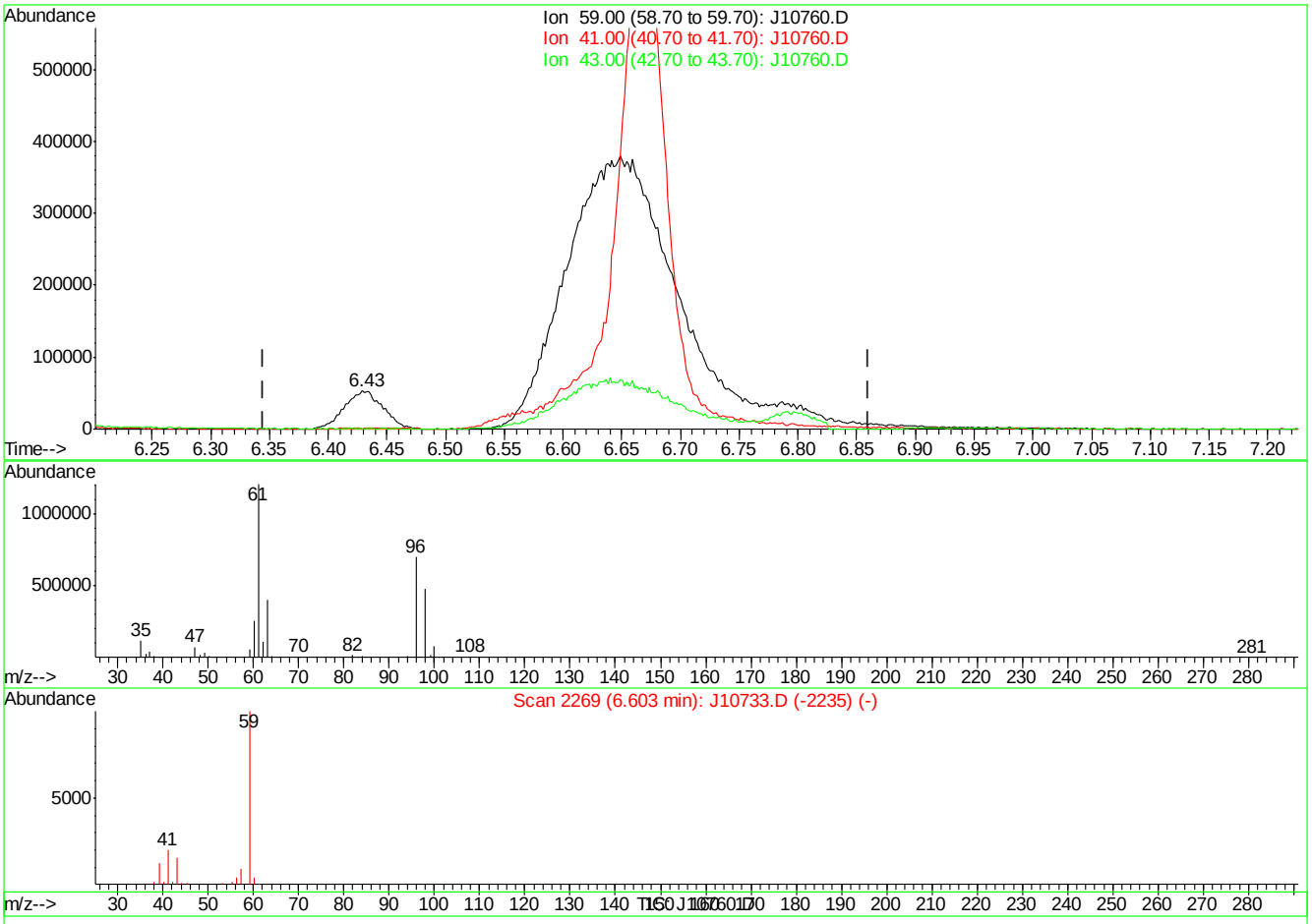
ACCUTEST Laboratories M65924

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

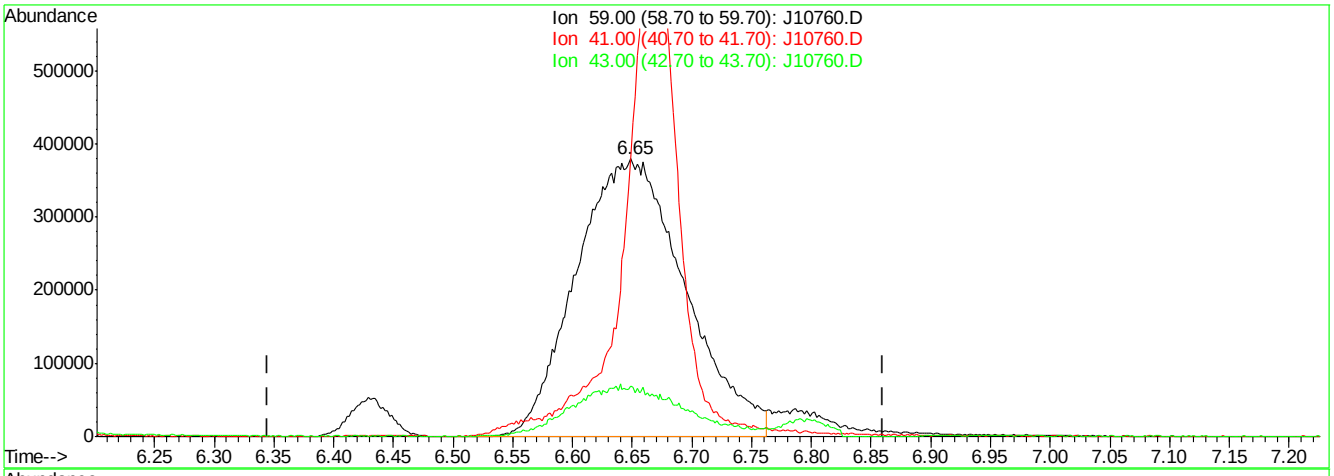
J10760.D J062507T.M Mon Jun 25 13:10:10 2007

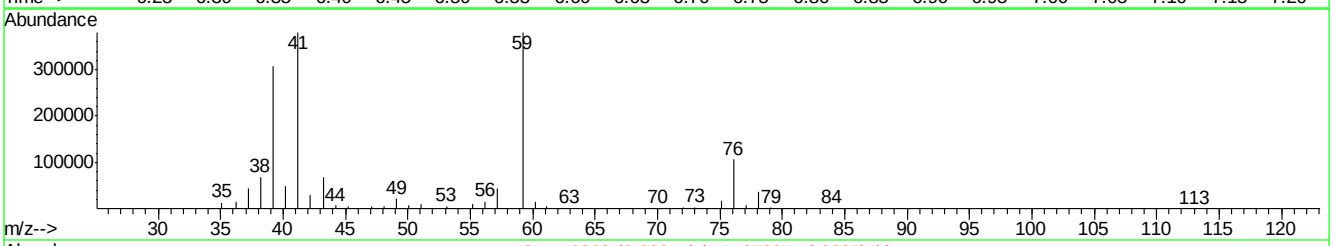
Quantitation Report (Qedit)

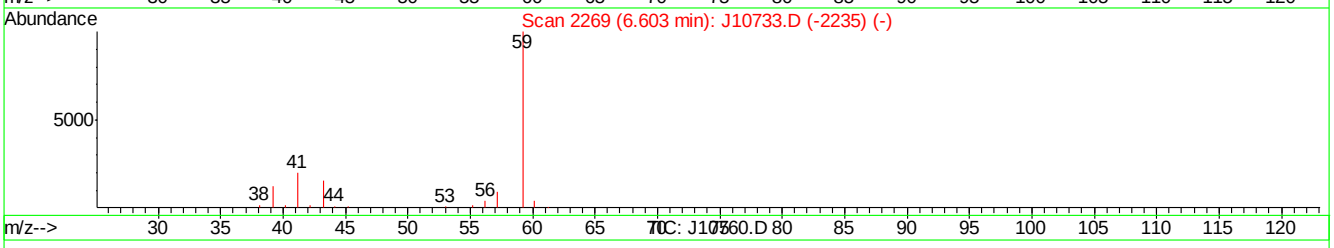
Data File : C:\MSDChem\1\data\J10760.D Vial: 3
Acq On : 25 Jun 2007 12:42 pm Operator: danat
Sample : ic557-40 (m172) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

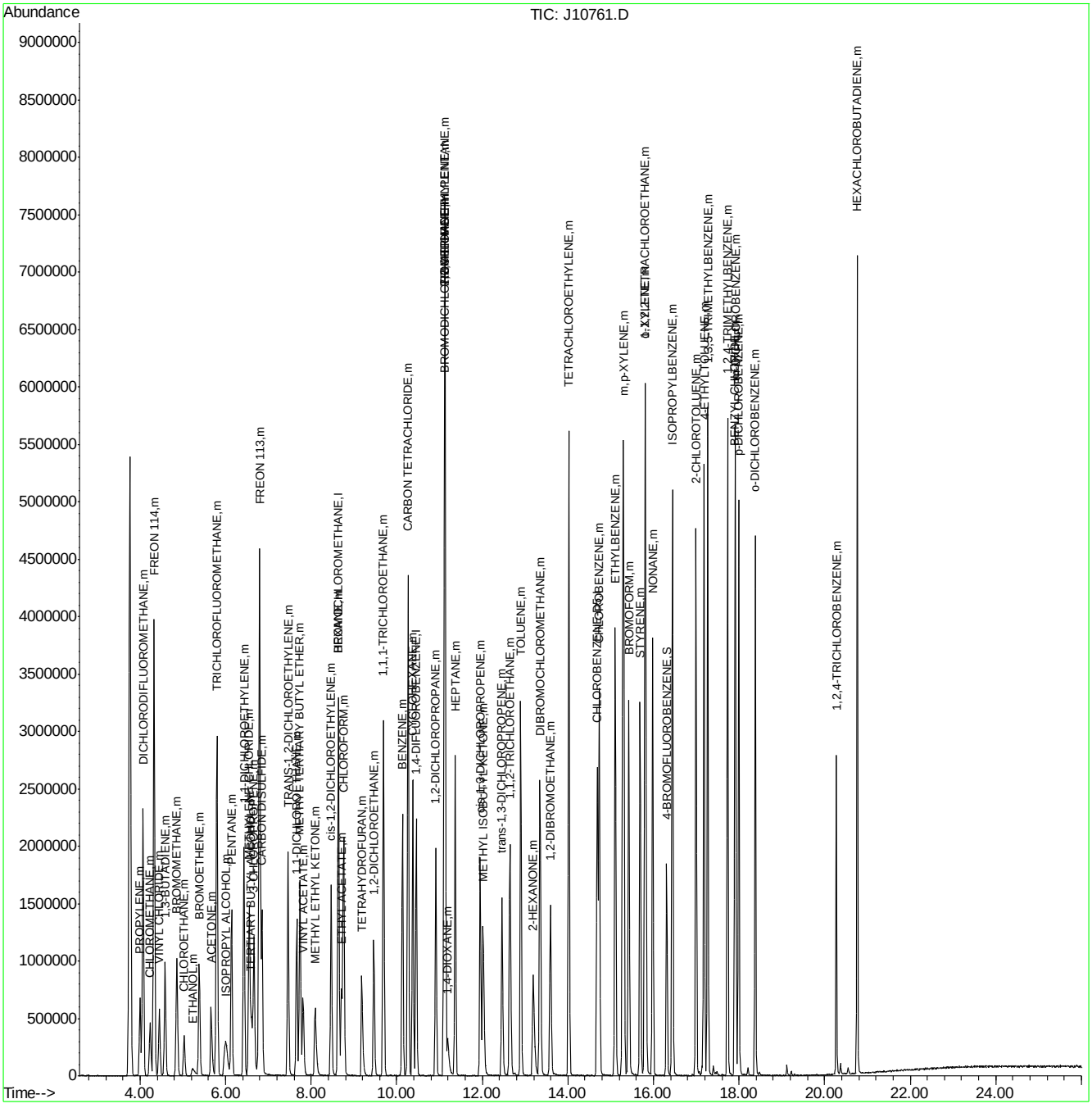
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	1328709	20.79	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.95	75	1134927	20.95	PPBV	99
46) TOLUENE	12.90	92	1555485	21.83	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.46	75	1116511	21.64	PPBV	100
48) 1,1,2-TRICHLOROETHANE	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 M65924

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

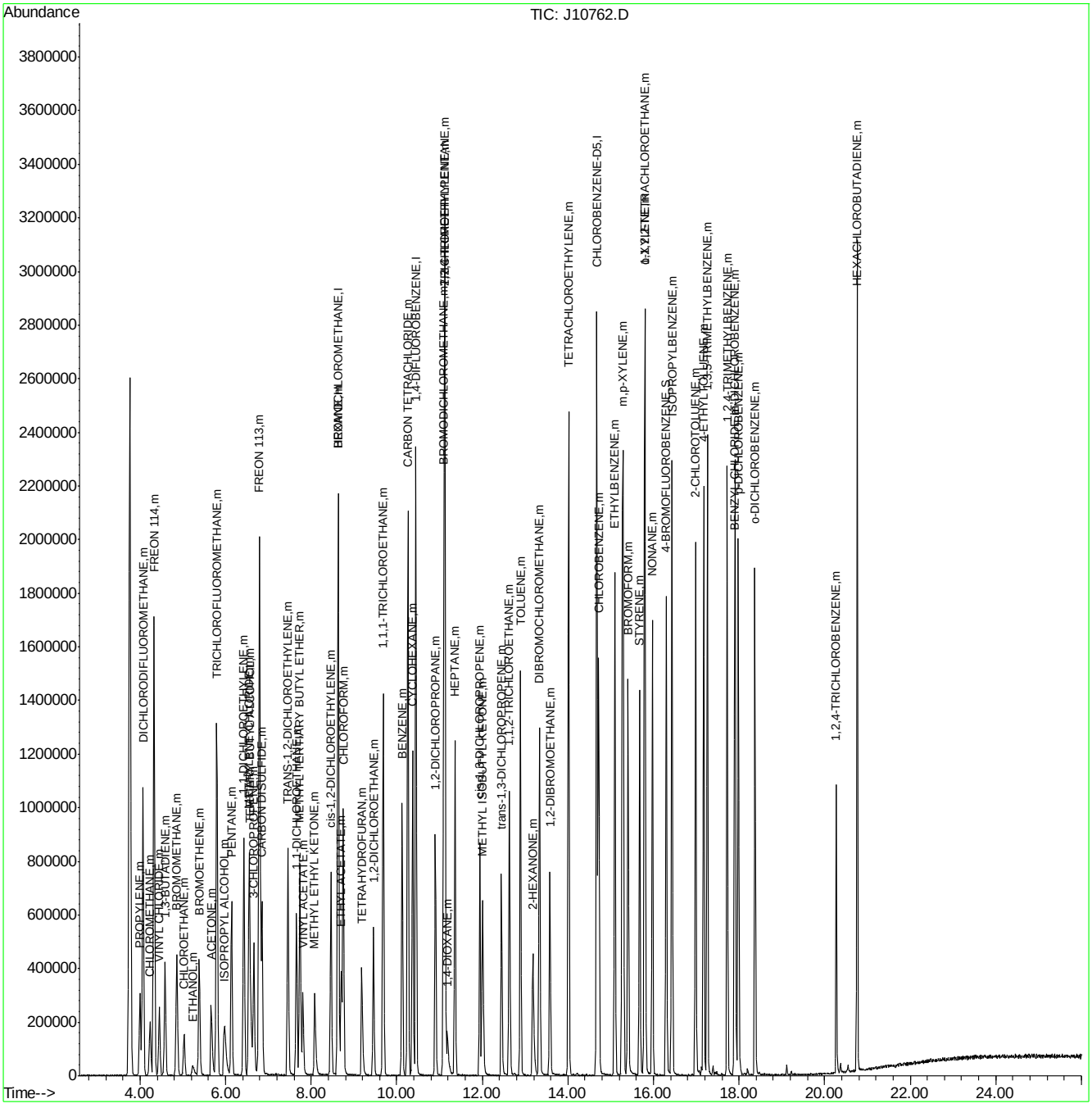
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.00	43	539564	8.93	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.94	75	453130	10.63	PPBV	99
46) TOLUENE	12.89	92	629342	10.15	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	434192	10.90	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.63	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



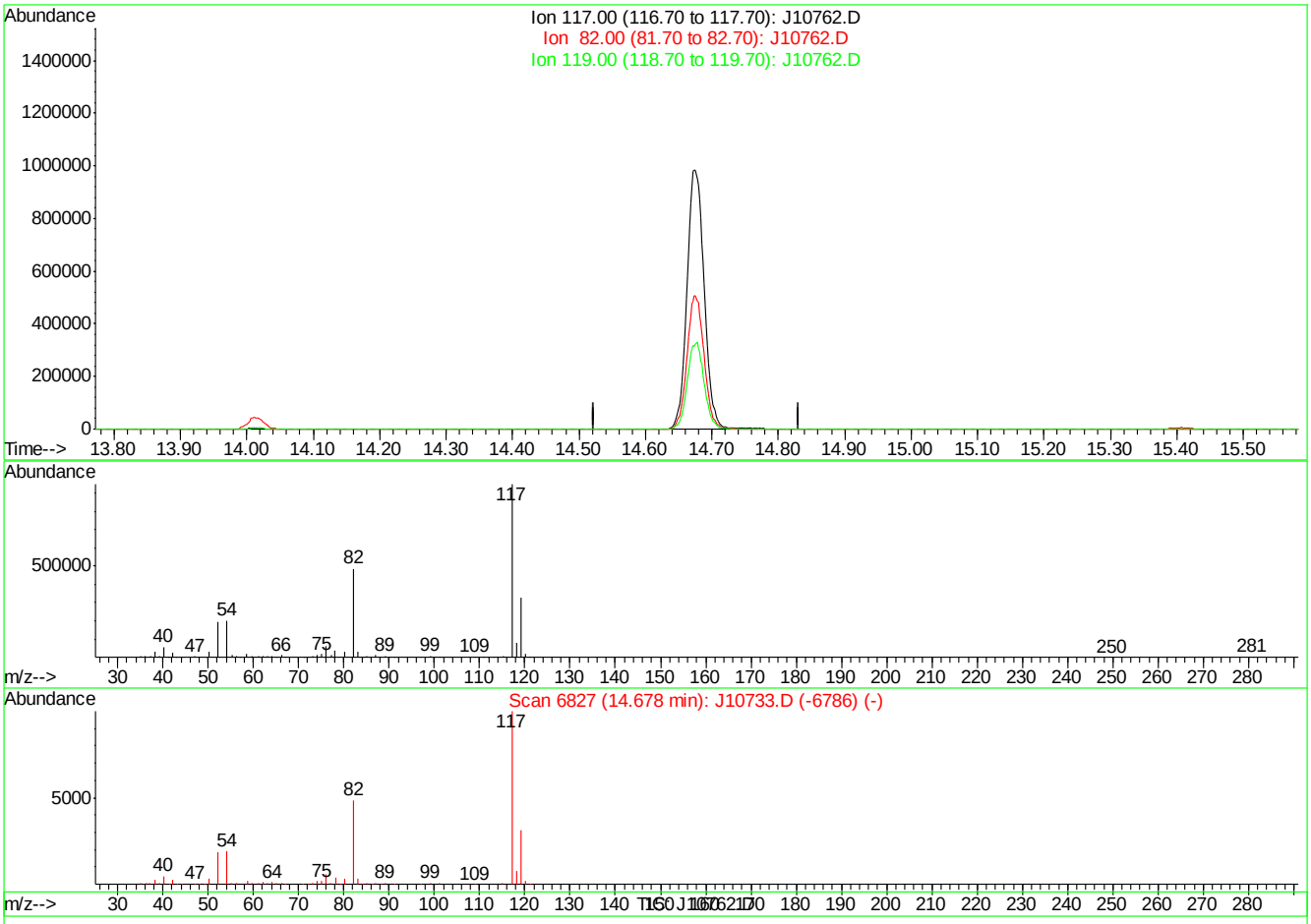
ACCUTEST Laboratories M65924

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

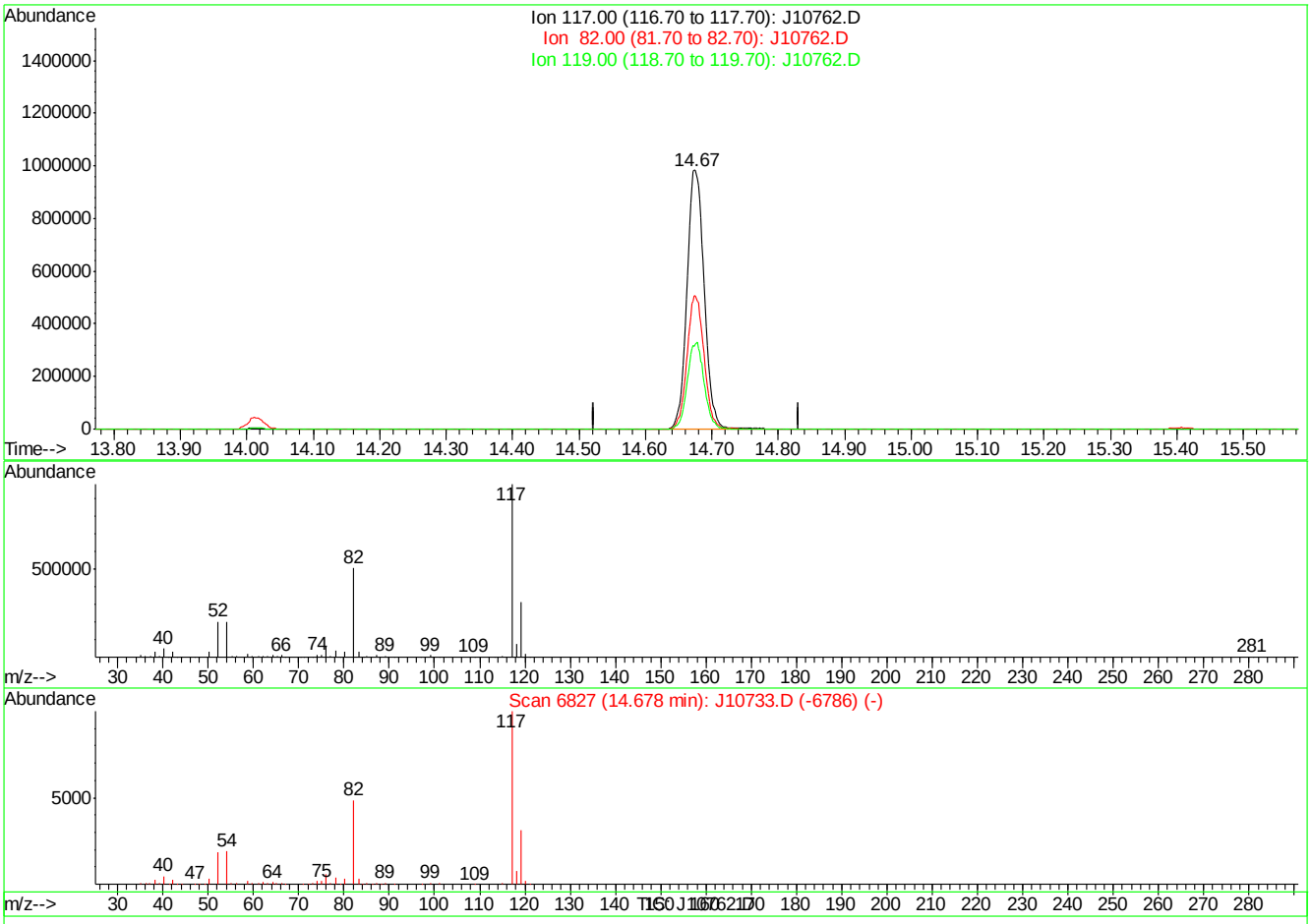
J10762.D J062507T.M Mon Jun 25 15:23:01 2007

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

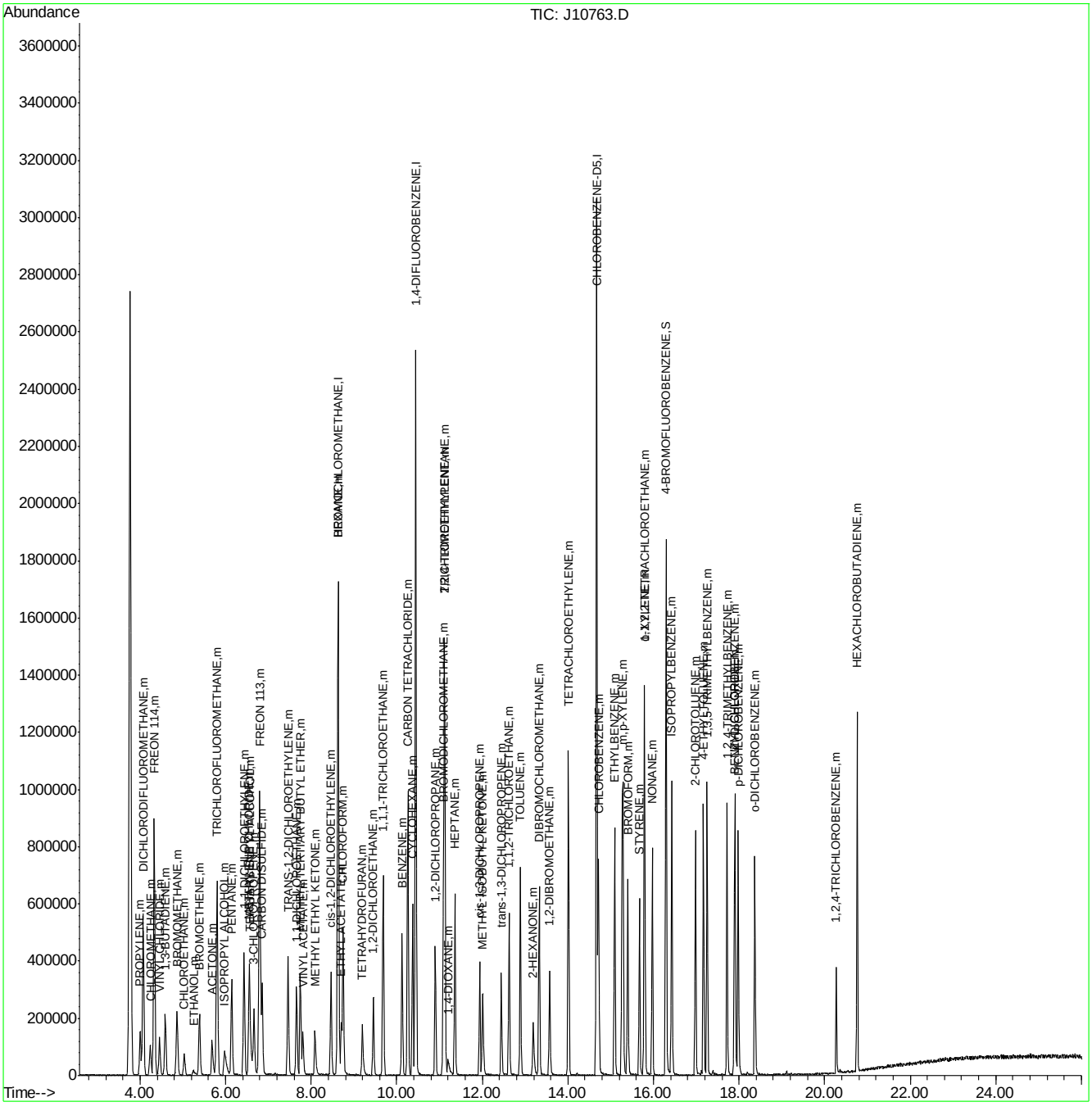
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	211276	3.49	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.94	75	196043	4.41	PPBV	98
46) TOLUENE	12.89	92	283875	4.43	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.44	75	185278	4.43	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.63	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



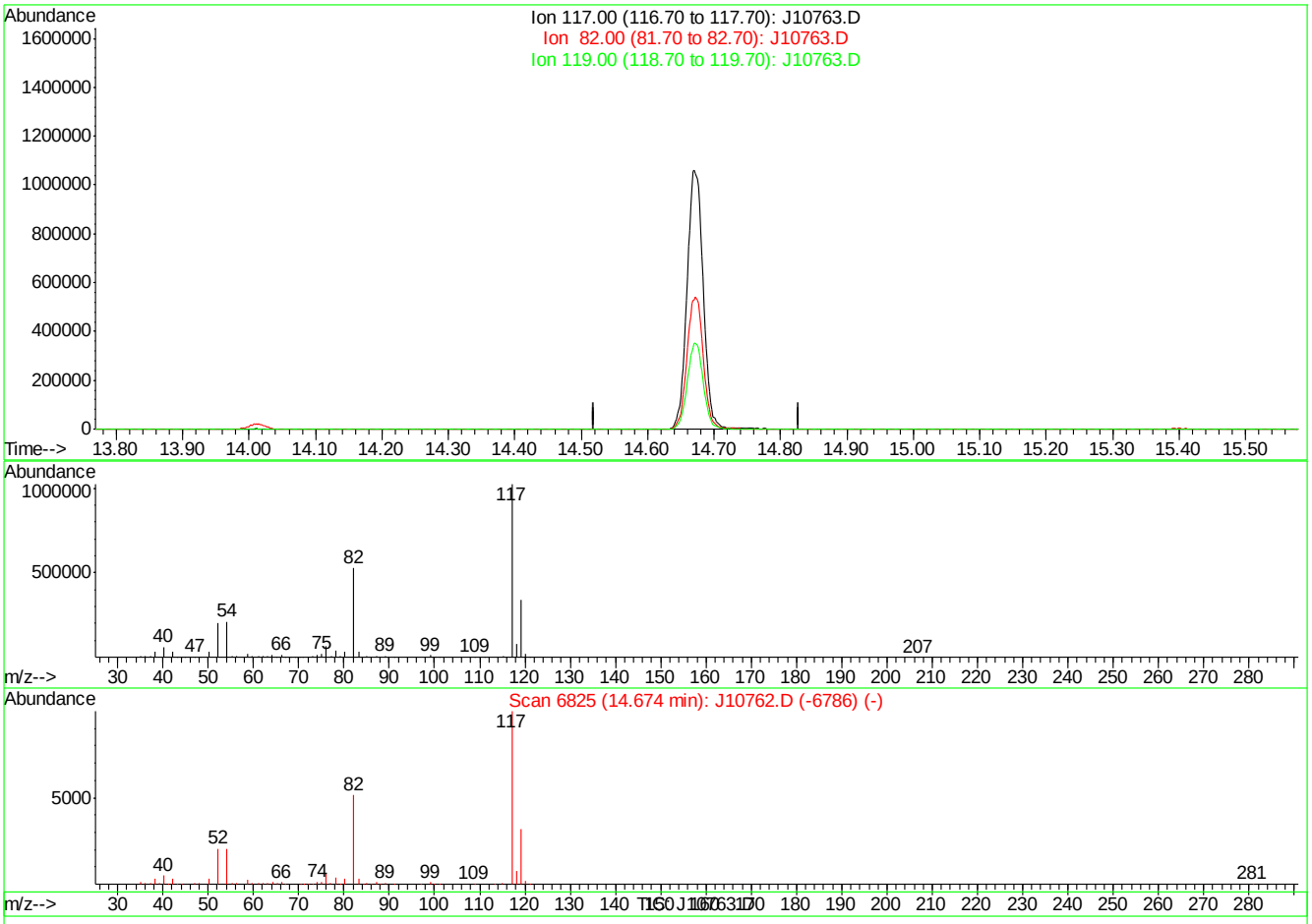
ACCUTEST Laboratories M65924

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

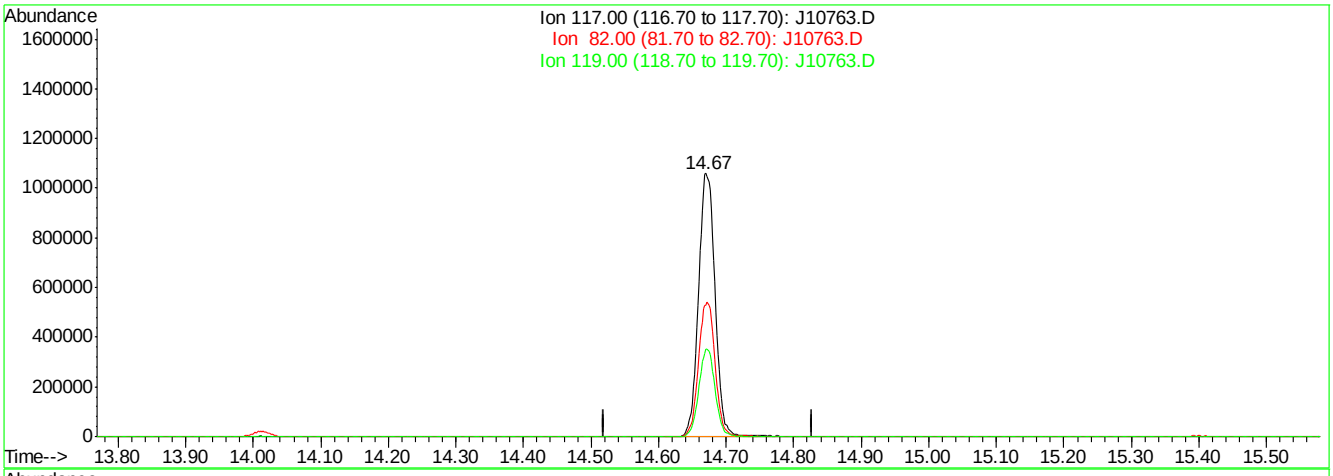
J10763.D J062507T.M Mon Jun 25 16:23:06 2007

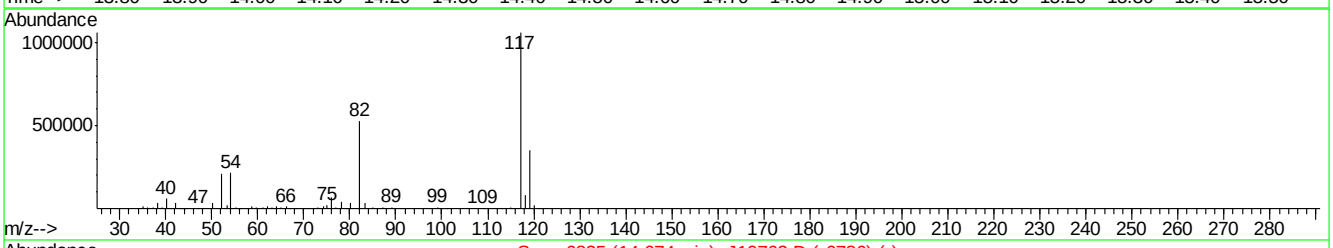
Quantitation Report (Qedit)

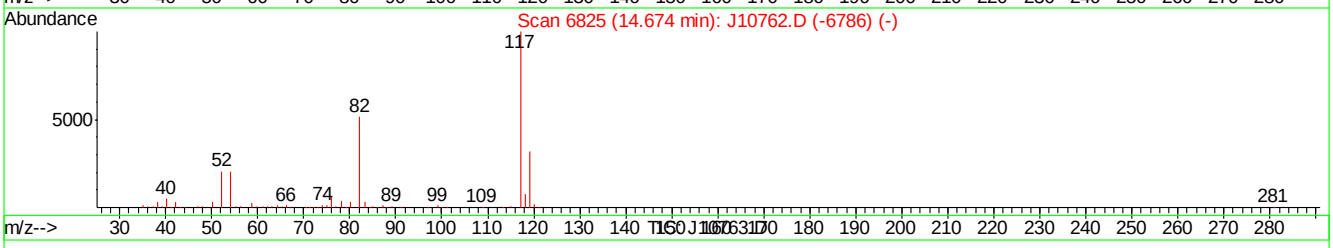
Data File : C:\MSDChem\1\data\J10763.D Vial: 3
Acq On : 25 Jun 2007 3:34 pm Operator: danat
Sample : ic557-5 (m172) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

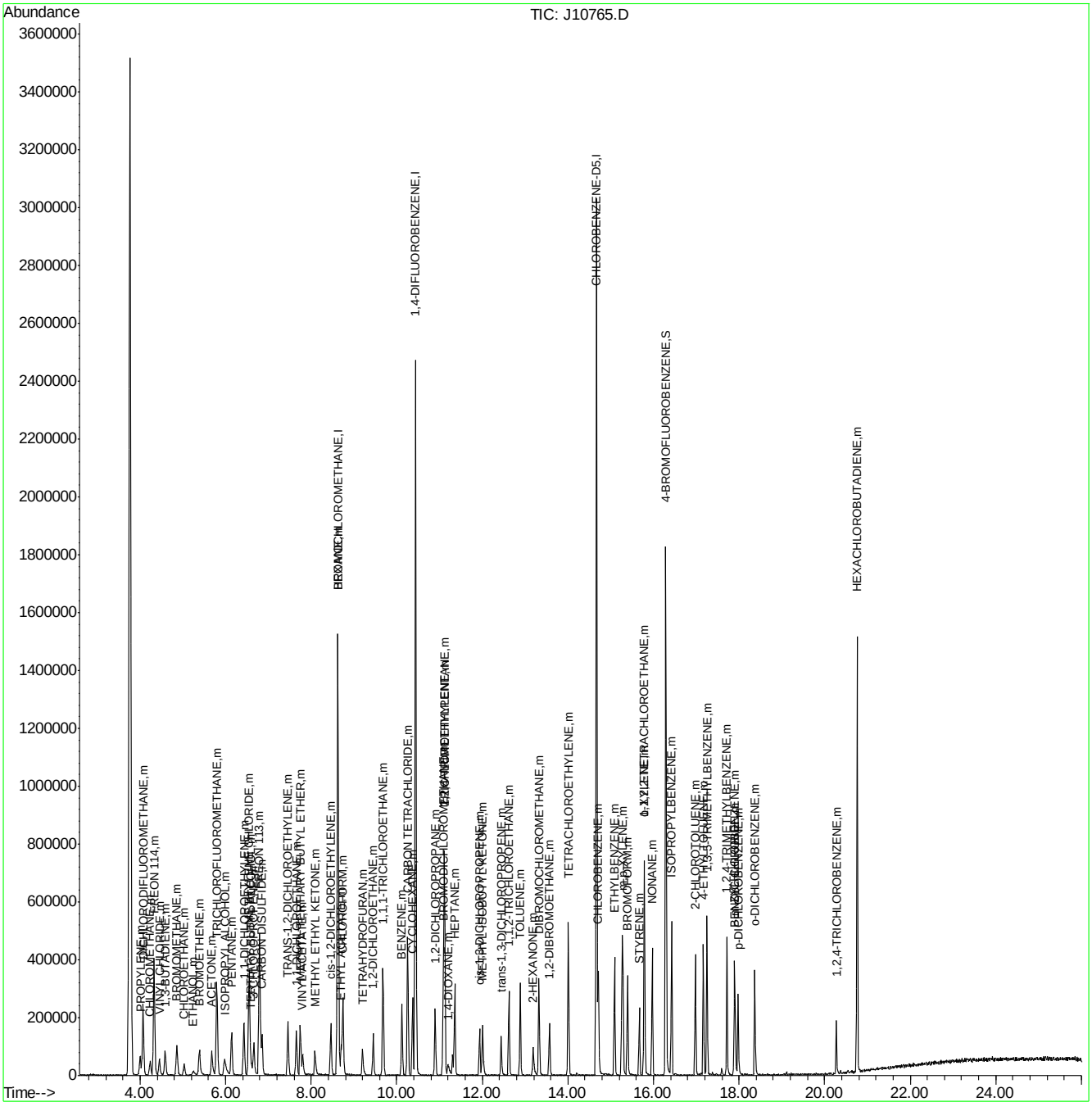
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.00	43	114732	2.11	PPBV	96
45) cis-1,3-DICHLOROPROPENE	11.94	75	78476	2.34	PPBV	98
46) TOLUENE	12.88	92	121156	2.03	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.44	75	66797	2.34	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.62	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 M65924

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10768A.D
Acq On : 26 Jun 2007 11:20 am
Operator : danat
Sample : cc557-10 (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 : J10768A.D
Acq On : 26 Jun 2007 11:20 am
Operator : danat
Sample : cc557-10 (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

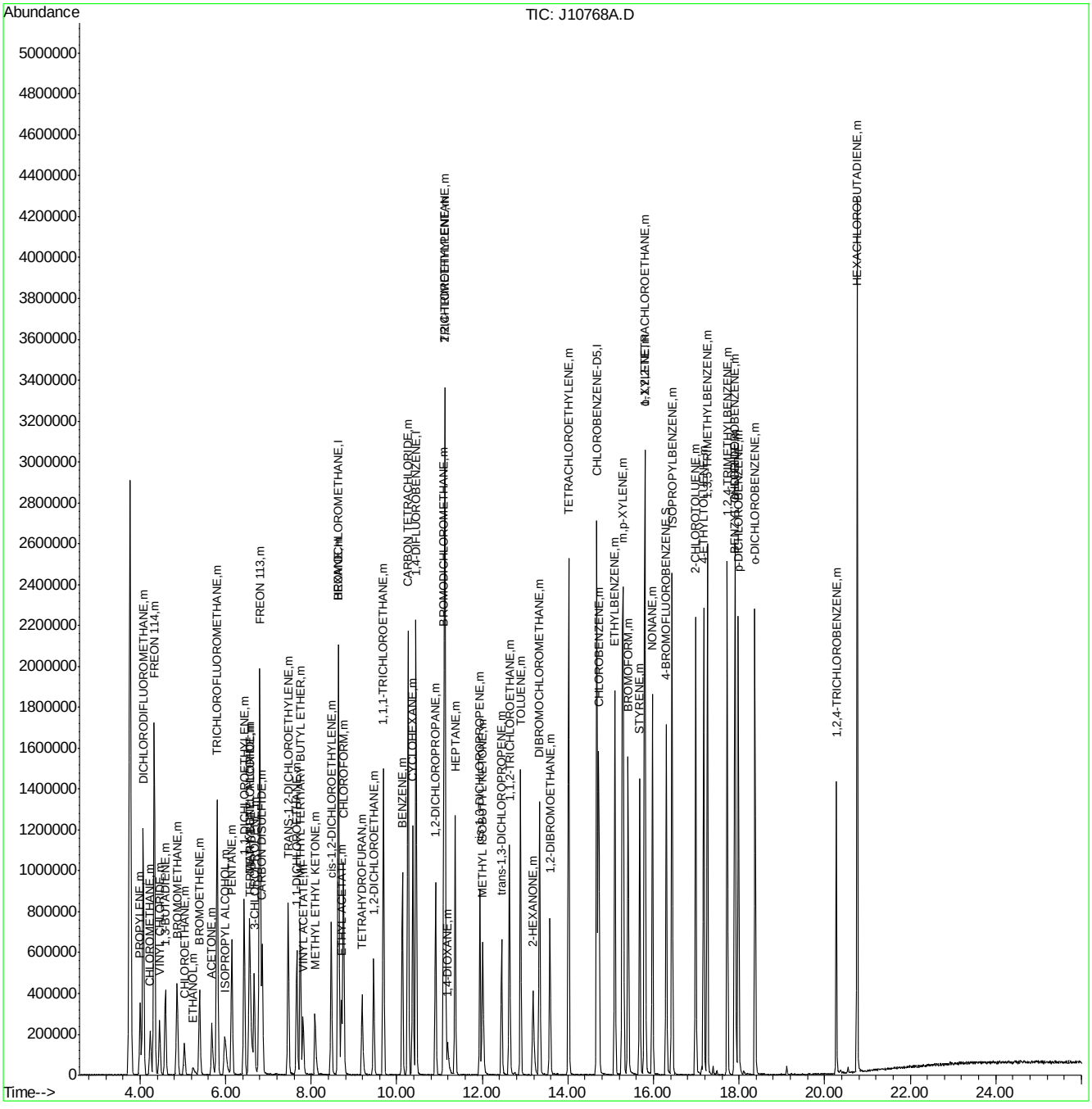
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	525462	10.45 PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.94	75	449981	9.40 PPBV	98
46) TOLUENE	12.89	92	607046	11.02 PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	363600	8.70 PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.63	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 : J10768A.D
Acq On : 26 Jun 2007 11:20 am
Operator : danat
Sample : cc557-10 (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



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

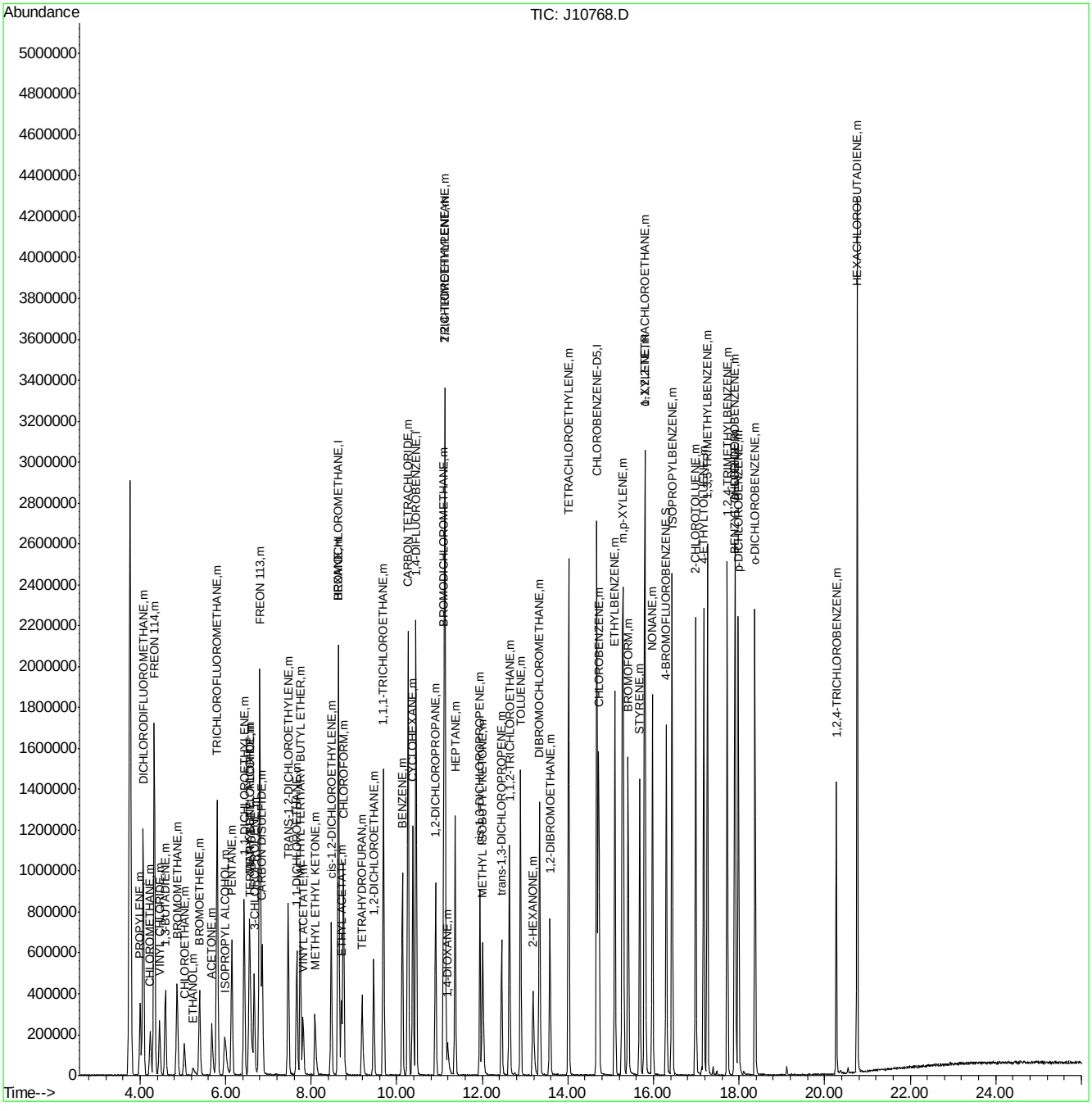
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	525462	10.45	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.94	75	449981	9.40	PPBV	98
46) TOLUENE	12.89	92	607046	11.02	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	363600	8.70	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.63	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



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3873.D
Acq On : 2 Jul 2007 1:10 pm
Operator : PhilipB
Sample : IC208-40 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:24:31 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 : Mon Jul 02 18:24:17 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.635	128	149790	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.465	114	705447	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.707	117	619887	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.323	95	328628	5.00	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 100.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.033	85	4107981	40.00	PPBV	98
3) PROPYLENE	3.962	41	348386	40.00	PPBV #	70
4) FREON 114	4.296	85	3534919	40.00	PPBV	96
5) CHLOROMETHANE	4.198	50	506988	40.00	PPBV	92
6) VINYL CHLORIDE	4.422	62	725088	40.00	PPBV	99
7) 1,3-BUTADIENE	4.557	39	702434	40.00	PPBV #	61
8) BROMOMETHANE	4.833	94	917580	40.00	PPBV	98
9) CHLOROETHANE	5.009	64	320582	40.00	PPBV	91
10) TRICHLOROFLUOROMETHANE	5.788	101	4540770	40.00	PPBV	97
11) ISOPROPYL ALCOHOL	5.824	45	1280491	40.00	PPBV	85
12) ACETONE	5.593	43	1302840	40.00	PPBV	80
13) PENTANE	6.141	42	821834	40.00	PPBV	89
14) 1,1-DICHLOROETHYLENE	6.424	96	991626	40.00	PPBV #	82
15) CARBON DISULFIDE	6.857	76	2750653	40.00	PPBV	97
16) ETHANOL	5.089	45	162020	40.00	PPBV #	51
17) BROMOETHENE	5.369	106	916166	40.00	PPBV #	90
18) METHYLENE CHLORIDE	6.539	84	885264	40.00	PPBV	78
19) 3-CHLOROPROPENE	6.658	39	1012769	40.00	PPBV #	81
20) FREON 113	6.798	151	2069862	40.00	PPBV	95
21) TRANS-1,2-DICHLOROETHY...	7.465	96	901959	40.00	PPBV #	84
22) TERTIARY BUTYL ALCOHOL	6.429	59	1744601	40.00	PPBV	85
23) METHYL TERTIARY BUTYL ...	7.707	73	1935900	40.00	PPBV	88
24) TETRAHYDROFURAN	9.136	42	417150	40.00	PPBV #	62
25) HEXANE	8.669	57	798382	40.00	PPBV #	74
26) VINYL ACETATE	7.788	43	1674374	40.00	PPBV	98
27) 1,1-DICHLOROETHANE	7.664	63	1655627	40.00	PPBV	94
28) METHYL ETHYL KETONE	8.032	43	993945	40.00	PPBV	92
29) cis-1,2-DICHLOROETHYLENE	8.470	96	607537	40.00	PPBV	90
30) ETHYL ACETATE	8.667	43	1880146	40.00	PPBV	99
31) CHLOROFORM	8.756	83	2141064	40.00	PPBV	97
32) 1,1,1-TRICHLOROETHANE	9.707	97	2537134	40.00	PPBV	95
33) CARBON TETRACHLORIDE	10.293	117	3149929	40.00	PPBV	95
34) 1,2-DICHLOROETHANE	9.464	62	1389617	40.00	PPBV	99
36) BENZENE	10.151	78	1590033	40.00	PPBV	88
37) CYCLOHEXANE	10.415	84	638222	40.00	PPBV #	60
38) TRICHLOROETHYLENE	11.148	95	1348555	40.00	PPBV	95
39) 1,2-DICHLOROPROPANE	10.923	63	538407	40.00	PPBV #	62
40) BROMODICHLOROMETHANE	11.109	83	2205956	40.00	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.171	57	3139571	40.00	PPBV	96
42) 1,4-DIOXANE	11.139	88	375818	40.00	PPBV #	81
43) HEPTANE	11.409	43	968729	40.00	PPBV	85

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3873.D
Acq On : 2 Jul 2007 1:10 pm
Operator : PhilipB
Sample : IC208-40 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:24:31 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 : Mon Jul 02 18:24:17 2007
Response via : Initial Calibration

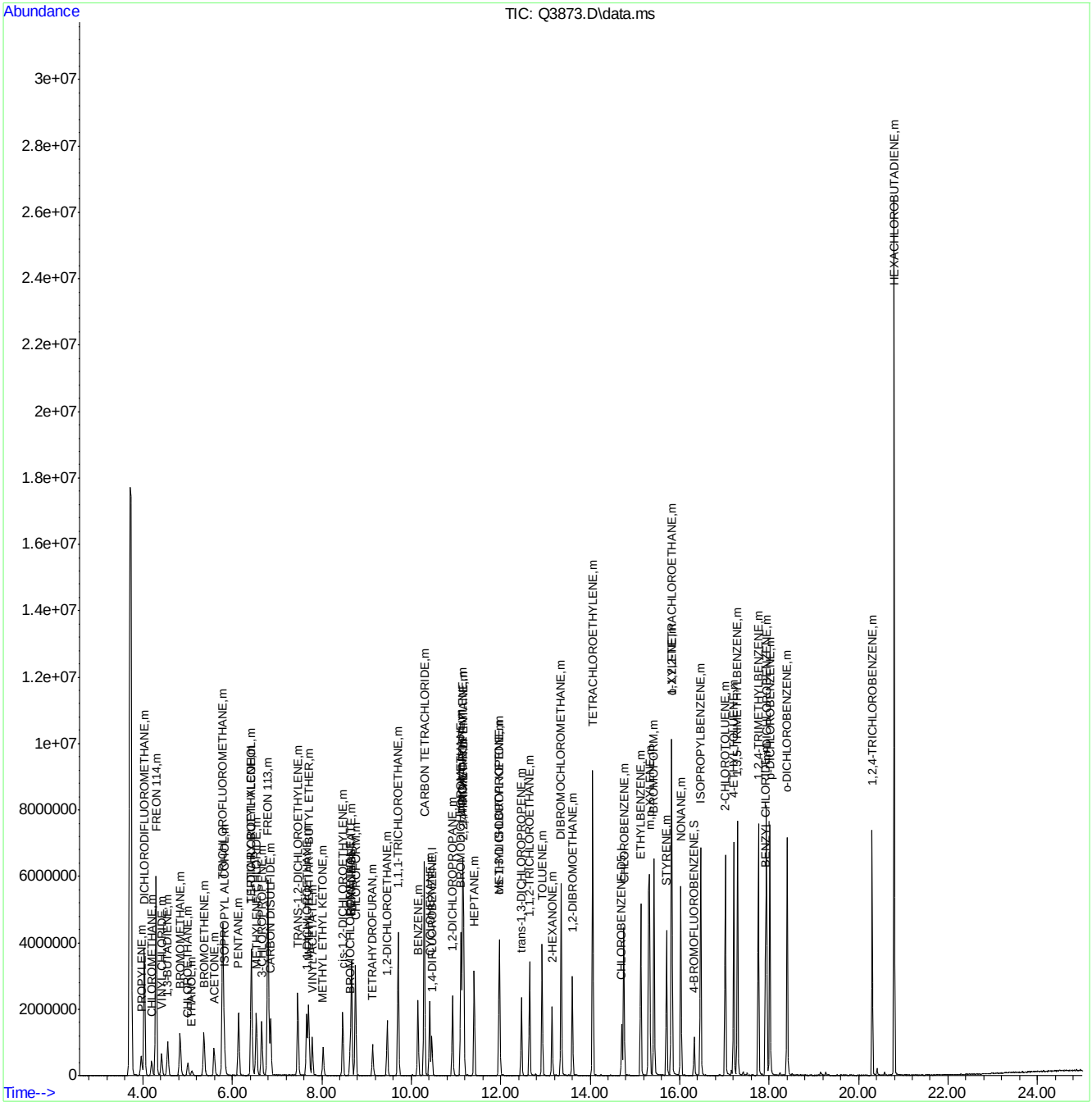
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.977	43	1347858	40.00	PPBV		88
45) cis-1,3-DICHLOROPROPENE	11.964	75	1175419	40.00	PPBV	#	82
46) TOLUENE	12.926	92	1269343	40.00	PPBV		100
47) trans-1,3-DICHLOROPROPENE	12.465	75	1021313	40.00	PPBV		95
48) 1,1,2-TRICHLOROETHANE	12.646	83	678262	40.00	PPBV		99
50) 2-HEXANONE	13.148	43	1261036	40.00	PPBV		87
51) TETRACHLOROETHYLENE	14.059	164	1432969	40.00	PPBV		91
52) DIBROMOCHLOROMETHANE	13.352	129	2359962	40.00	PPBV		99
53) 1,2-DIBROMOETHANE	13.603	107	1390418	40.00	PPBV		94
54) CHLOROBENZENE	14.754	112	1710873	40.00	PPBV		91
55) ETHYLBENZENE	15.132	91	3086342	40.00	PPBV		94
56) m,p-XYLENE	15.331	106	2308034	80.00	PPBV	#	80
57) o-XYLENE	15.828	106	1267366	40.00	PPBV	#	79
58) STYRENE	15.708	104	1628593	40.00	PPBV		91
59) NONANE	16.027	43	1878991	40.00	PPBV		95
60) BROMOFORM	15.429	173	2614750	40.00	PPBV		99
62) 1,1,2,2-TETRACHLOROETHANE	15.818	83	2356589	40.00	PPBV		98
63) ISOPROPYLBENZENE	16.471	105	3836078	40.00	PPBV	#	100
64) 2-CHLOROTOLUENE	17.021	91	3060157	40.00	PPBV		93
65) 4-ETHYLTOLUENE	17.212	105	3501378	40.00	PPBV		96
66) 1,3,5-TRIMETHYLBENZENE	17.296	105	3529553	40.00	PPBV		92
67) 1,2,4-TRIMETHYLBENZENE	17.759	105	3497192	40.00	PPBV		94
68) m-DICHLOROBENZENE	17.945	146	2296618	40.00	PPBV		99
69) BENZYL CHLORIDE	17.921	91	2628530	40.00	PPBV		97
70) p-DICHLOROBENZENE	18.018	146	2190945	40.00	PPBV		100
71) o-DICHLOROBENZENE	18.405	146	2056772	40.00	PPBV		99
72) HEXACHLOROBUTADIENE	20.798	225	3597877	40.00	PPBV		99
73) 1,2,4-TRICHLOROBENZENE	20.306	180	1438204	40.00	PPBV		97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3873.D
Acq On : 2 Jul 2007 1:10 pm
Operator : PhilipB
Sample : IC208-40 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:24:31 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 : Mon Jul 02 18:24:17 2007
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
07/06/07 11:27

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3874.D
Acq On : 2 Jul 2007 1:53 pm
Operator : PhilipB
Sample : IC208-20 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:25:20 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 : Mon Jul 02 18:24:53 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.630	128	122050	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.460	114	579548	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.708	117	502749	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.325	95	284416	5.00	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 100.00%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.031	85	2366330	20.00	PPBV		96
3) PROPYLENE	3.962	41	109425	20.00	PPBV	#	69
4) FREON 114	4.296	85	1552858	20.00	PPBV		99
5) CHLOROMETHANE	4.196	50	221352	20.00	PPBV		97
6) VINYL CHLORIDE	4.417	62	346964	20.00	PPBV		98
7) 1,3-BUTADIENE	4.557	39	320475	20.00	PPBV	#	67
8) BROMOMETHANE	4.834	94	502722	20.00	PPBV		98
9) CHLOROETHANE	5.008	64	191426	20.00	PPBV		96
10) TRICHLOROFLUOROMETHANE	5.785	101	2200703	20.00	PPBV		97
11) ISOPROPYL ALCOHOL	5.820	45	681714	20.00	PPBV		92
12) ACETONE	5.591	43	672978	20.00	PPBV		84
13) PENTANE	6.147	42	411811	20.00	PPBV		88
14) 1,1-DICHLOROETHYLENE	6.422	96	458360	20.00	PPBV		94
15) CARBON DISULFIDE	6.853	76	1390187	20.00	PPBV		93
16) ETHANOL	5.086	45	100404	20.00	PPBV		70
17) BROMOETHENE	5.366	106	475440	20.00	PPBV	#	91
18) METHYLENE CHLORIDE	6.537	84	438720	20.00	PPBV		85
19) 3-CHLOROPROPENE	6.654	39	536149	20.00	PPBV	#	81
20) FREON 113	6.795	151	980664	20.00	PPBV		98
21) TRANS-1,2-DICHLOROETHY...	7.467	96	419878	20.00	PPBV		92
22) TERTIARY BUTYL ALCOHOL	6.427	59	903756	20.00	PPBV		84
23) METHYL TERTIARY BUTYL ...	7.710	73	1018979	20.00	PPBV		85
24) TETRAHYDROFURAN	9.139	42	186616	20.00	PPBV		68
25) HEXANE	8.665	57	291529	20.00	PPBV	#	73
26) VINYL ACETATE	7.789	43	795904	20.00	PPBV		98
27) 1,1-DICHLOROETHANE	7.663	63	797869	20.00	PPBV		94
28) METHYL ETHYL KETONE	8.026	43	453039	20.00	PPBV		95
29) cis-1,2-DICHLOROETHYLENE	8.470	96	230450	20.00	PPBV		91
30) ETHYL ACETATE	8.664	43	688114	20.00	PPBV		99
31) CHLOROFORM	8.752	83	807209	20.00	PPBV		98
32) 1,1,1-TRICHLOROETHANE	9.709	97	930732	20.00	PPBV		98
33) CARBON TETRACHLORIDE	10.289	117	1077331	20.00	PPBV		96
34) 1,2-DICHLOROETHANE	9.466	62	517746	20.00	PPBV		99
36) BENZENE	10.147	78	610738	20.00	PPBV		89
37) CYCLOHEXANE	10.413	84	254713	20.00	PPBV	#	63
38) TRICHLOROETHYLENE	11.143	95	390915	20.00	PPBV		86
39) 1,2-DICHLOROPROPANE	10.926	63	222073	20.00	PPBV	#	63
40) BROMODICHLOROMETHANE	11.107	83	772304	20.00	PPBV		98
41) 2,2,4-TRIMETHYLPENTANE	11.168	57	944722	20.00	PPBV		96
42) 1,4-DIOXANE	11.136	88	123623	20.00	PPBV	#	84
43) HEPTANE	11.407	43	333525	20.00	PPBV		85

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3874.D
Acq On : 2 Jul 2007 1:53 pm
Operator : PhilipB
Sample : IC208-20 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:25:20 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 : Mon Jul 02 18:24:53 2007
Response via : Initial Calibration

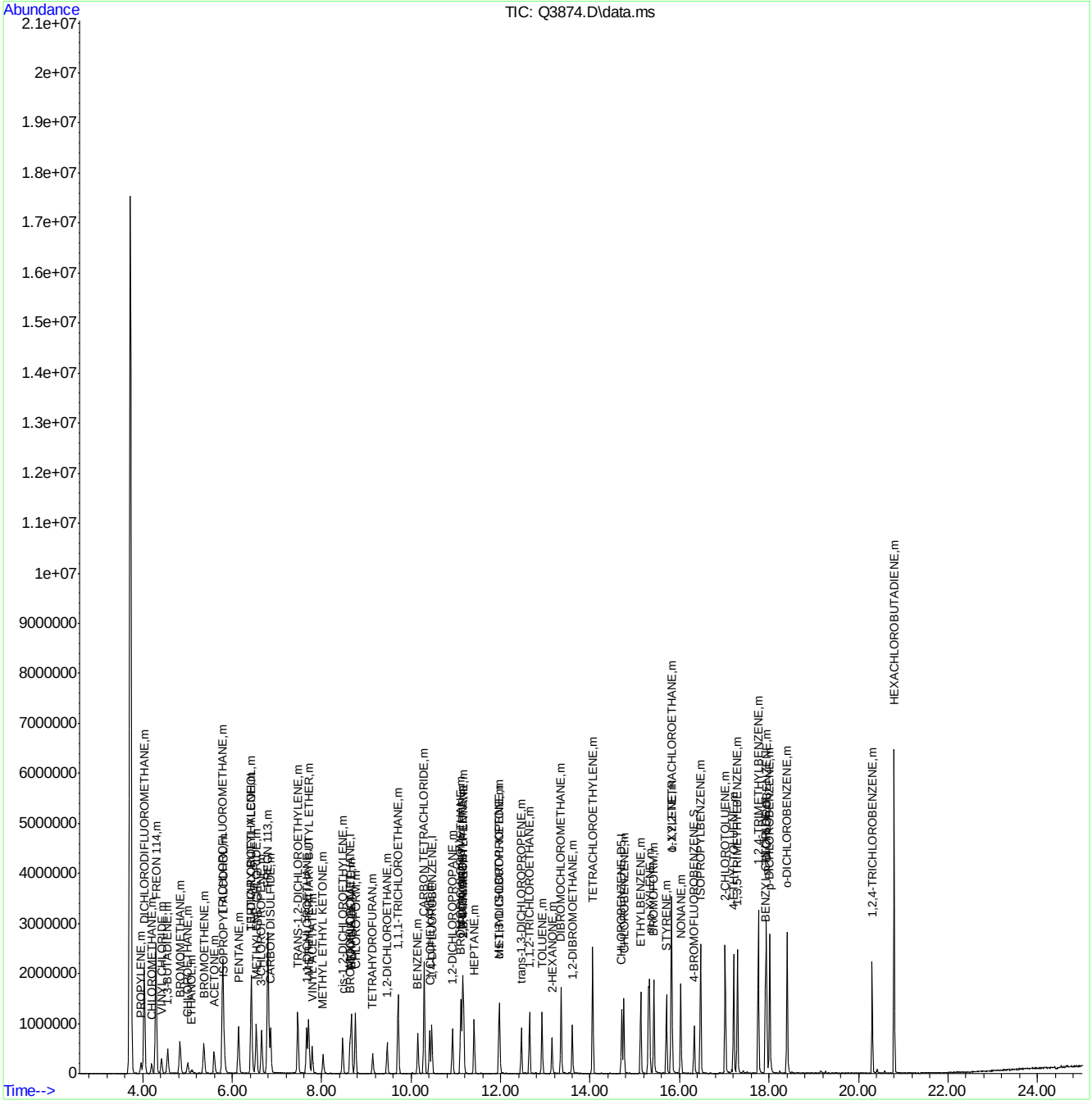
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.977	43	506663	20.00	PPBV		91
45) cis-1,3-DICHLOROPROPENE	11.961	75	428434	20.00	PPBV		85
46) TOLUENE	12.923	92	417294	20.00	PPBV		98
47) trans-1,3-DICHLOROPROPENE	12.462	75	383156	20.00	PPBV		95
48) 1,1,2-TRICHLOROETHANE	12.644	83	256946	20.00	PPBV		96
50) 2-HEXANONE	13.148	43	473129	20.00	PPBV		90
51) TETRACHLOROETHYLENE	14.061	164	317896	20.00	PPBV		96
52) DIBROMOCHLOROMETHANE	13.349	129	687803	20.00	PPBV		99
53) 1,2-DIBROMOETHANE	13.601	107	469252	20.00	PPBV		96
54) CHLOROBENZENE	14.753	112	552506	20.00	PPBV		86
55) ETHYLBENZENE	15.133	91	1043363	20.00	PPBV		92
56) m,p-XYLENE	15.326	106	725780m	40.08	PPBV		
57) o-XYLENE	15.821	106	421816	20.00	PPBV	#	74
58) STYRENE	15.709	104	593688	20.00	PPBV		91
59) NONANE	16.027	43	578282	20.00	PPBV		91
60) BROMOFORM	15.425	173	626822	20.00	PPBV		99
62) 1,1,2,2-TETRACHLOROETHANE	15.812	83	787399	20.00	PPBV		99
63) ISOPROPYLBENZENE	16.469	105	1483134	20.00	PPBV	#	100
64) 2-CHLOROTOLUENE	17.017	91	1287577	20.00	PPBV		97
65) 4-ETHYLTOLUENE	17.209	105	1275690	20.00	PPBV		96
66) 1,3,5-TRIMETHYLBENZENE	17.292	105	1171927	20.00	PPBV		89
67) 1,2,4-TRIMETHYLBENZENE	17.759	105	1579891	20.00	PPBV		97
68) m-DICHLOROBENZENE	17.944	146	942413	20.00	PPBV		98
69) BENZYL CHLORIDE	17.921	91	1155832	20.00	PPBV		97
70) p-DICHLOROBENZENE	18.015	146	926240	20.00	PPBV		98
71) o-DICHLOROBENZENE	18.404	146	847053	20.00	PPBV		96
72) HEXACHLOROBUTADIENE	20.798	225	700059	20.00	PPBV		100
73) 1,2,4-TRICHLOROBENZENE	20.304	180	422688	20.00	PPBV		97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3874.D
Acq On : 2 Jul 2007 1:53 pm
Operator : PhilipB
Sample : IC208-20 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:25:20 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 : Mon Jul 02 18:24:53 2007
Response via : Initial Calibration

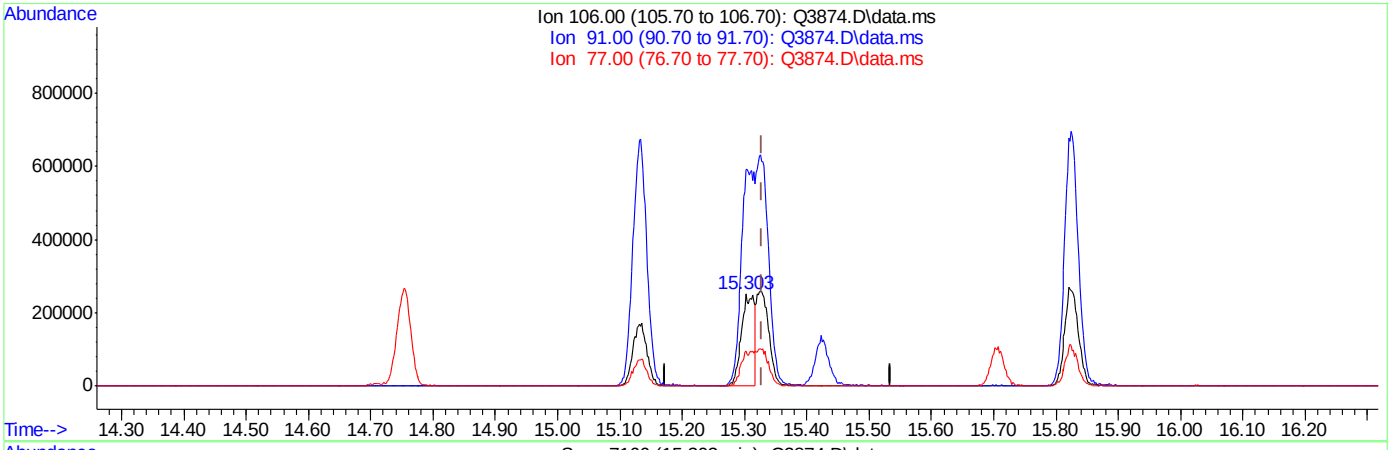


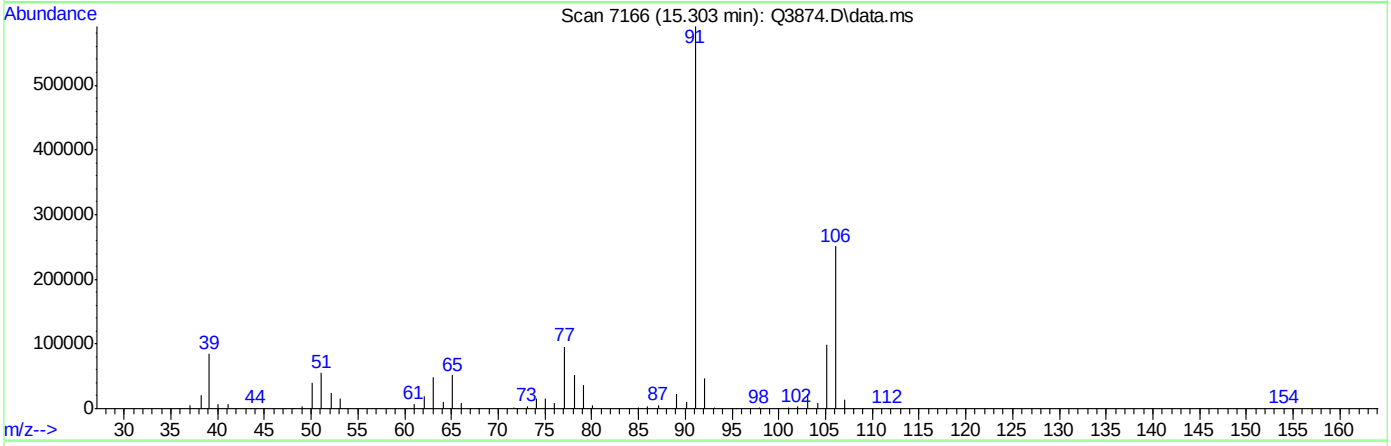
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3874.D
Acq On : 2 Jul 2007 1:53 pm
Operator : PhilipB
Sample : IC208-20 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:24:58 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 : Mon Jul 02 18:24:53 2007
Response via : Initial Calibration





TIC: Q3874.D\data.ms

(56) m,p-XYLENE (m)

15.303min (-0.026) 20.15PPBV

response 364841

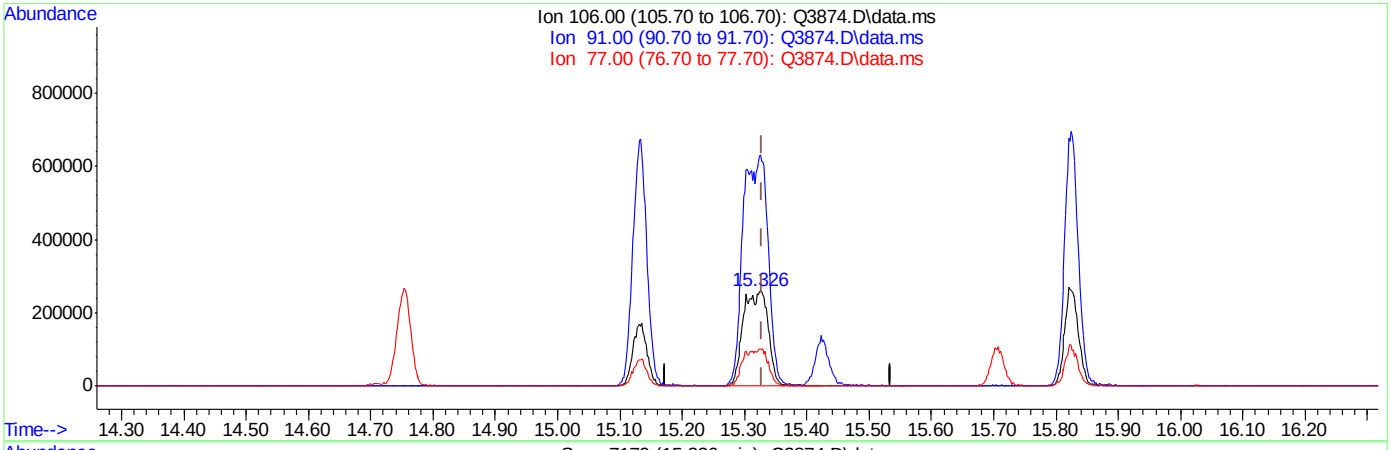
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	235.86
77.00	27.30	38.30#
0.00	0.00	0.00

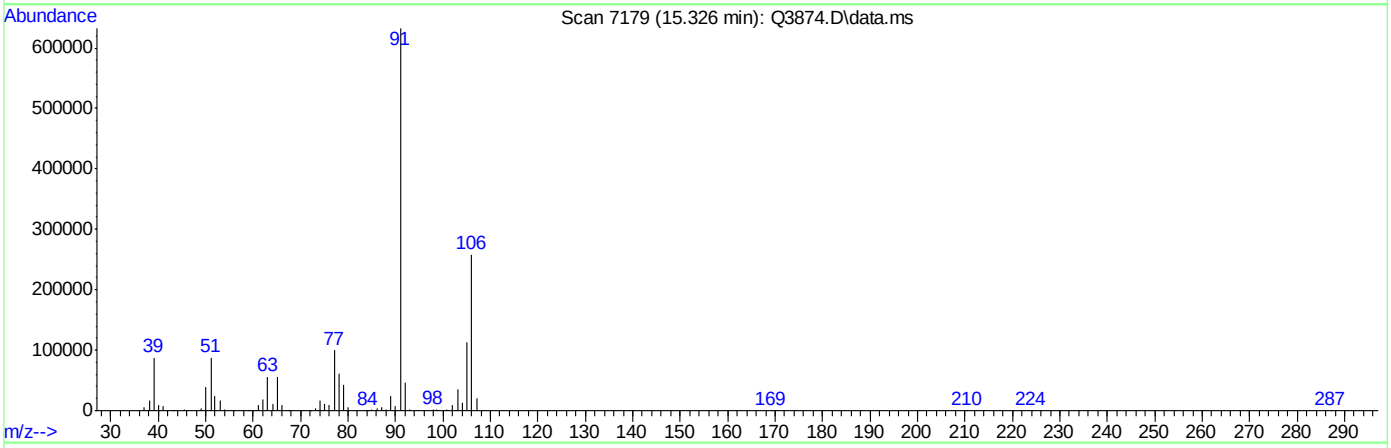
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3874.D
Acq On : 2 Jul 2007 1:53 pm
Operator : PhilipB
Sample : IC208-20 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:24:58 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 : Mon Jul 02 18:24:53 2007
Response via : Initial Calibration





TIC: Q3874.D\data.ms

(56) m,p-XYLENE (m)

15.326min (-0.003) 40.08PPBV m

response 725780

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	245.03#
77.00	27.30	39.17#
0.00	0.00	0.00

ACCUTEST Laboratories M65924

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 07/06/07 11:27

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3875.D
Acq On : 2 Jul 2007 2:37 pm
Operator : PhilipB
Sample : IC208-10 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:27:10 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 : Mon Jul 02 18:26:15 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.635	128	117386	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.465	114	520490	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.703	117	445679	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.325	95	209261	5.00	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 100.00%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.035	85	945427	10.00	PPBV	98
3) PROPYLENE	3.959	41	97044	10.00	PPBV #	73
4) FREON 114	4.294	85	718826	10.00	PPBV	93
5) CHLOROMETHANE	4.197	50	127446	10.00	PPBV	98
6) VINYL CHLORIDE	4.417	62	164140	10.00	PPBV	77
7) 1,3-BUTADIENE	4.555	39	151256	10.00	PPBV #	63
8) BROMOMETHANE	4.830	94	194480	10.00	PPBV	95
9) CHLOROETHANE	5.009	64	72924m	18.56	PPBV	
10) TRICHLOROFLUOROMETHANE	5.788	101	1060228	10.00	PPBV	97
11) ISOPROPYL ALCOHOL	5.817	45	331909	10.00	PPBV	99
12) ACETONE	5.593	43	346843	10.00	PPBV	81
13) PENTANE	6.143	42	169425	10.00	PPBV #	80
14) 1,1-DICHLOROETHYLENE	6.424	96	200799	10.00	PPBV	98
15) CARBON DISULFIDE	6.857	76	595011	10.00	PPBV	93
16) ETHANOL	5.096	45	45049m	10.00	PPBV	
17) BROMOETHENE	5.370	106	193400	10.00	PPBV #	89
18) METHYLENE CHLORIDE	6.539	84	191654	10.00	PPBV	86
19) 3-CHLOROPROPENE	6.658	39	238123	10.00	PPBV #	69
20) FREON 113	6.797	151	484533	10.00	PPBV	95
21) TRANS-1,2-DICHLOROETHY...	7.471	96	135842	10.00	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.426	59	466203	10.00	PPBV	82
23) METHYL TERTIARY BUTYL ...	7.711	73	390005	10.00	PPBV	85
24) TETRAHYDROFURAN	9.141	42	104759	10.00	PPBV	64
25) HEXANE	8.664	57	157685	10.00	PPBV #	73
26) VINYL ACETATE	7.783	43	272393	10.00	PPBV	98
27) 1,1-DICHLOROETHANE	7.668	63	274100	10.00	PPBV	94
28) METHYL ETHYL KETONE	8.030	43	254542	10.00	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.472	96	122704	10.00	PPBV	92
30) ETHYL ACETATE	8.660	43	394215	10.00	PPBV	99
31) CHLOROFORM	8.751	83	443330	10.00	PPBV	97
32) 1,1,1-TRICHLOROETHANE	9.711	97	478454	10.00	PPBV	97
33) CARBON TETRACHLORIDE	10.289	117	616155	10.00	PPBV	93
34) 1,2-DICHLOROETHANE	9.462	62	310440	10.00	PPBV	99
36) BENZENE	10.147	78	332745	10.00	PPBV	90
37) CYCLOHEXANE	10.415	84	141340	10.00	PPBV #	59
38) TRICHLOROETHYLENE	11.147	95	216798	10.00	PPBV	87
39) 1,2-DICHLOROPROPANE	10.919	63	119531	10.00	PPBV #	63
40) BROMODICHLOROMETHANE	11.106	83	421541	10.00	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.170	57	514284	10.00	PPBV #	95
42) 1,4-DIOXANE	11.131	88	74128	10.00	PPBV	83
43) HEPTANE	11.406	43	178491	10.00	PPBV	87

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3875.D
Acq On : 2 Jul 2007 2:37 pm
Operator : PhilipB
Sample : IC208-10 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:27:10 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 : Mon Jul 02 18:26:15 2007
Response via : Initial Calibration

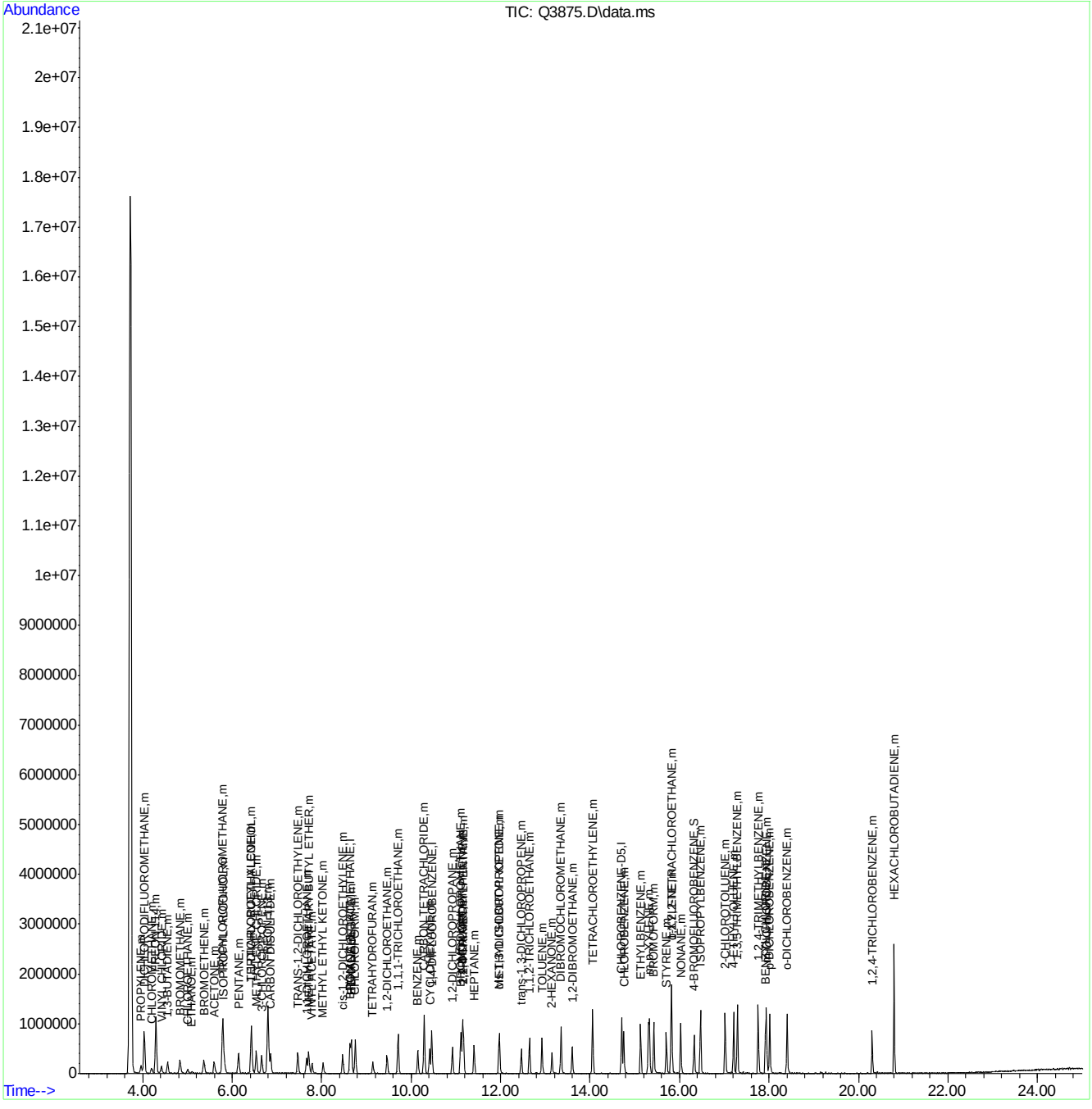
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.977	43	292458	10.00	PPBV		89
45) cis-1,3-DICHLOROPROPENE	11.961	75	232900	10.00	PPBV	#	83
46) TOLUENE	12.923	92	241944	10.00	PPBV		100
47) trans-1,3-DICHLOROPROPENE	12.460	75	219278	10.00	PPBV		96
48) 1,1,2-TRICHLOROETHANE	12.644	83	149925	10.00	PPBV		96
50) 2-HEXANONE	13.143	43	270095	10.00	PPBV		86
51) TETRACHLOROETHYLENE	14.055	164	176719	10.00	PPBV		97
52) DIBROMOCHLOROMETHANE	13.351	129	388773	10.00	PPBV		99
53) 1,2-DIBROMOETHANE	13.603	107	270040	10.00	PPBV		99
54) CHLOROBENZENE	14.753	112	326909	10.00	PPBV		86
55) ETHYLBENZENE	15.129	91	611873	10.00	PPBV		94
56) m,p-XYLENE	15.326	106	425085m	19.91	PPBV		
57) o-XYLENE	15.821	106	227603	10.00	PPBV	#	77
58) STYRENE	15.704	104	313340	10.00	PPBV		91
59) NONANE	16.025	43	309679	10.00	PPBV		92
60) BROMOFORM	15.424	173	368821	10.00	PPBV		97
62) 1,1,2,2-TETRACHLOROETHANE	15.812	83	419705	10.00	PPBV		97
63) ISOPROPYLBENZENE	16.467	105	718656	10.00	PPBV	#	100
64) 2-CHLOROTOLUENE	17.019	91	578540	10.00	PPBV		91
65) 4-ETHYLTOLUENE	17.211	105	626630	10.00	PPBV		95
66) 1,3,5-TRIMETHYLBENZENE	17.293	105	626630	10.00	PPBV		91
67) 1,2,4-TRIMETHYLBENZENE	17.756	105	636193	10.00	PPBV		91
68) m-DICHLOROBENZENE	17.939	146	360090	10.00	PPBV		95
69) BENZYL CHLORIDE	17.917	91	462069	10.00	PPBV		95
70) p-DICHLOROBENZENE	18.018	146	351722	10.00	PPBV		96
71) o-DICHLOROBENZENE	18.402	146	336173	10.00	PPBV		95
72) HEXACHLOROBUTADIENE	20.798	225	256159	10.00	PPBV		100
73) 1,2,4-TRICHLOROBENZENE	20.306	180	151442	10.00	PPBV		96

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3875.D
Acq On : 2 Jul 2007 2:37 pm
Operator : PhilipB
Sample : IC208-10 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:27:10 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 : Mon Jul 02 18:26:15 2007
Response via : Initial Calibration

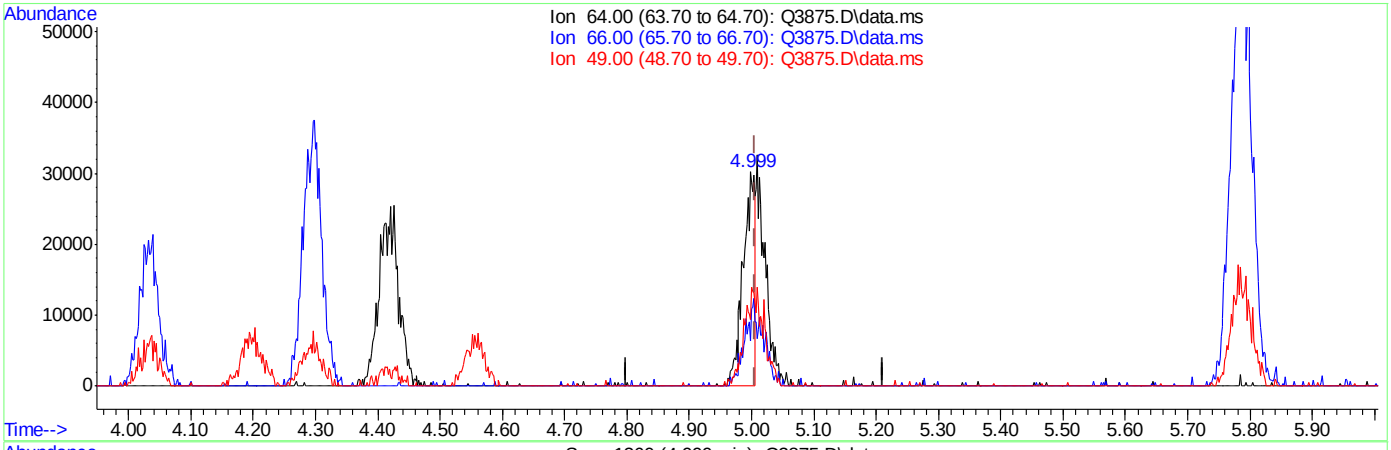


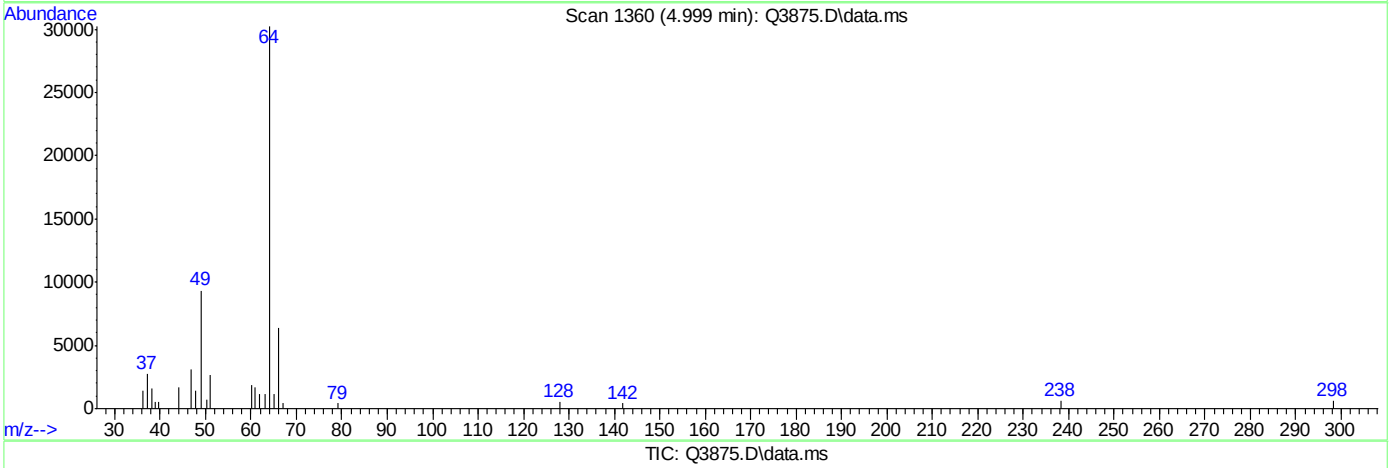
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3875.D
Acq On : 2 Jul 2007 2:37 pm
Operator : PhilipB
Sample : IC208-10 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:26:20 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 : Mon Jul 02 18:26:15 2007
Response via : Initial Calibration





TIC: Q3875.D\data.ms

(9) CHLOROETHANE (m)

4.999min (-0.007) 10.00PPBV

response 39286

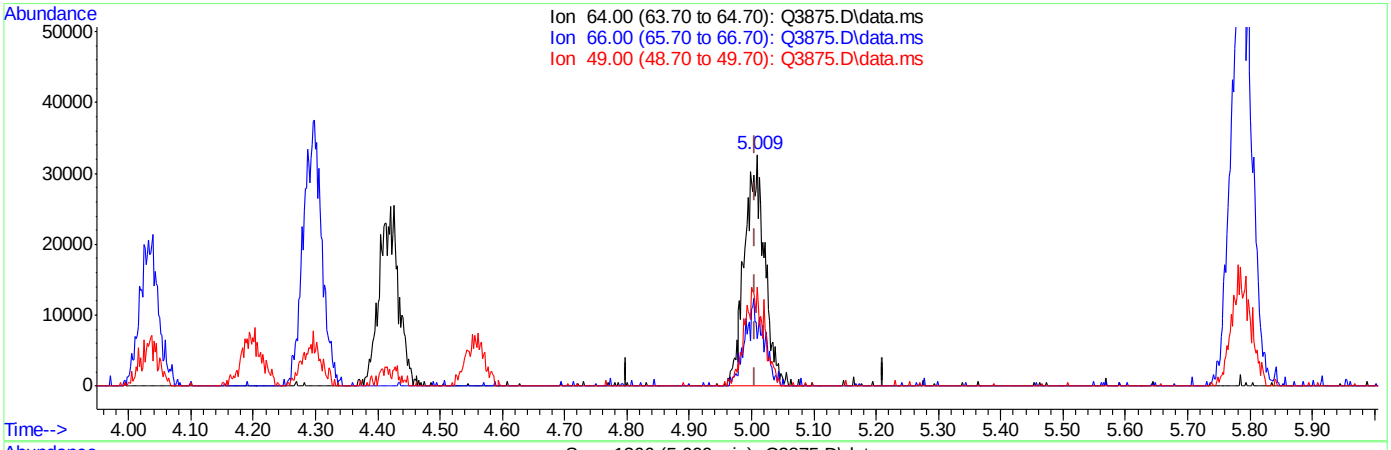
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	40.34
49.00	36.50	76.65#
0.00	0.00	0.00

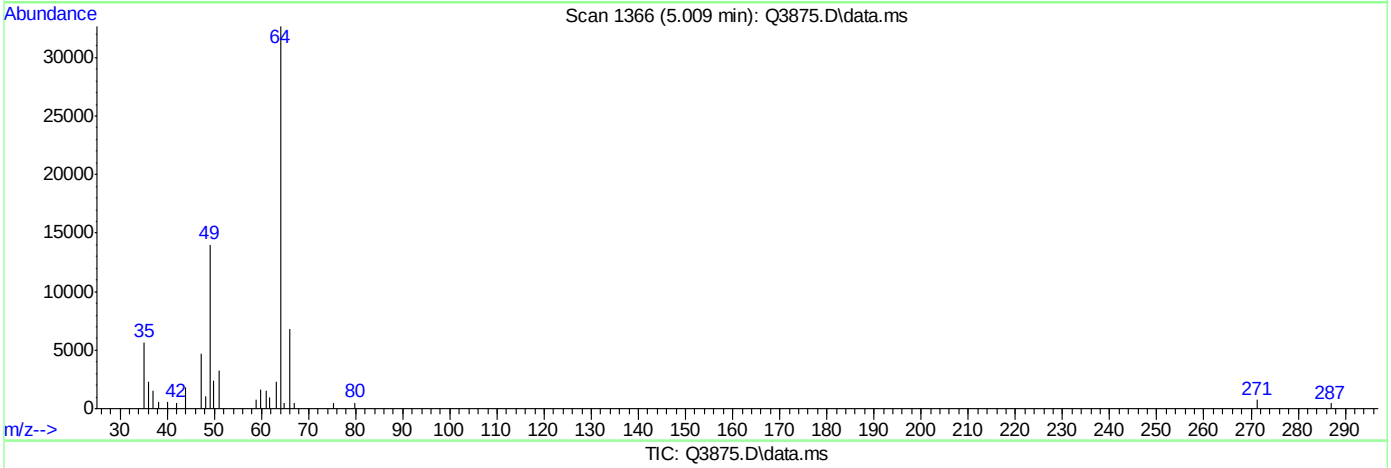
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3875.D
Acq On : 2 Jul 2007 2:37 pm
Operator : PhilipB
Sample : IC208-10 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:26:20 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 : Mon Jul 02 18:26:15 2007
Response via : Initial Calibration





TIC: Q3875.D\data.ms

(9) CHLOROETHANE (m)

5.009min (+0.004) 18.56PPBV m

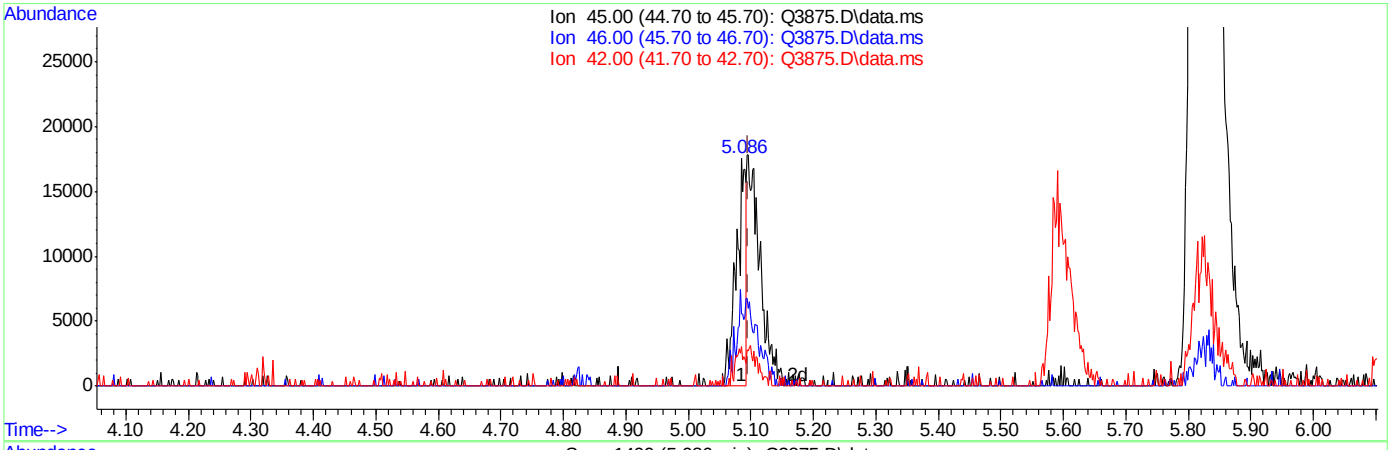
response 72924

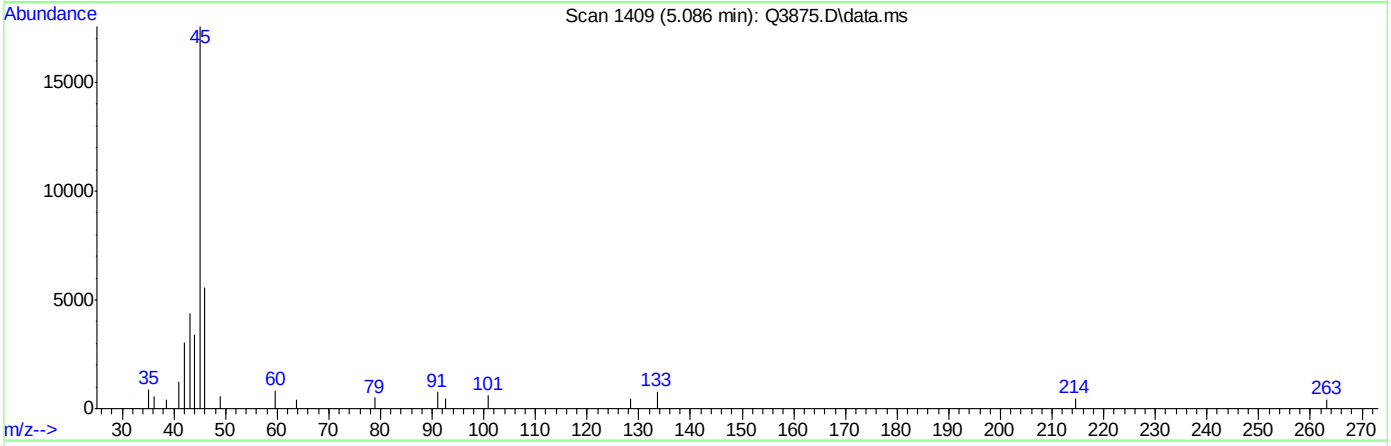
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	21.73
49.00	36.50	41.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3875.D
Acq On : 2 Jul 2007 2:37 pm
Operator : PhilipB
Sample : IC208-10 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:26:20 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 : Mon Jul 02 18:26:15 2007
Response via : Initial Calibration





TIC: Q3875.D\data.ms

(16) ETHANOL (m)

5.086min (-0.010) 4.09PPBV

response 18436

Ion	Exp%	Act%
45.00	100	100
46.00	34.70	85.22#
42.00	8.40	17.06
0.00	0.00	0.00

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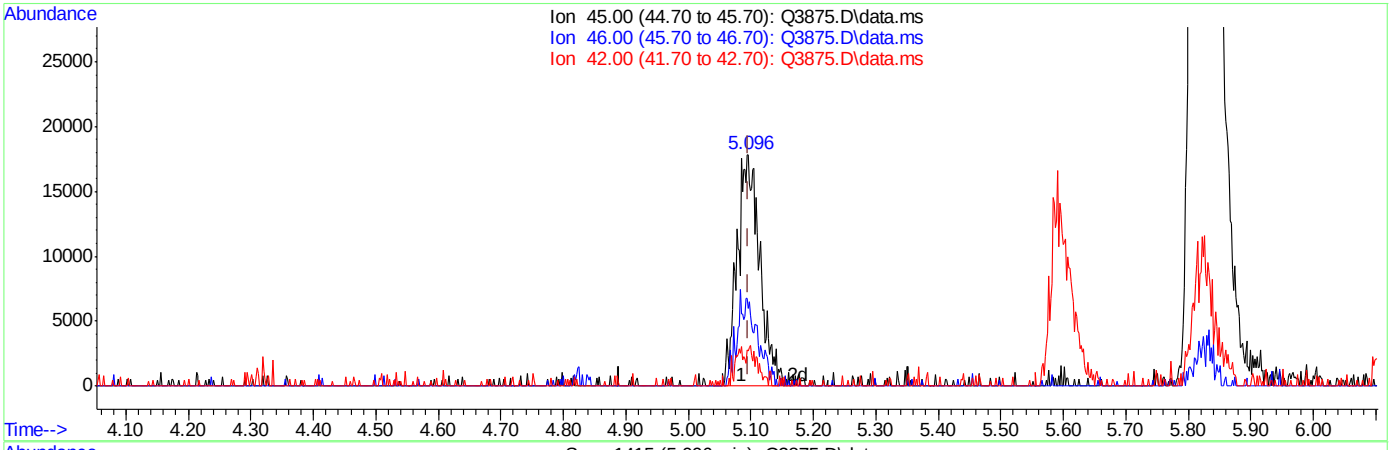
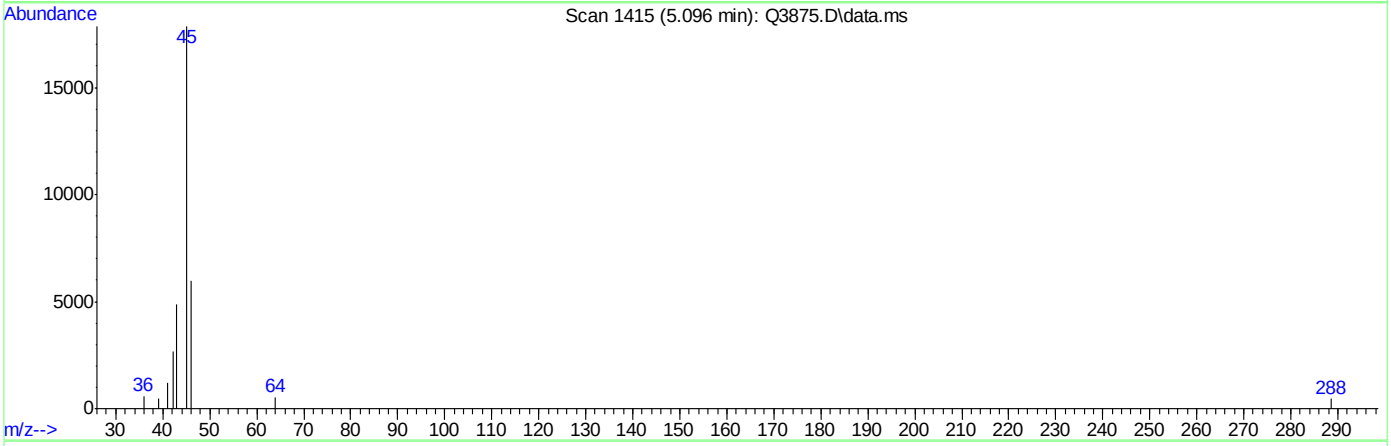
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3875.D
Acq On : 2 Jul 2007 2:37 pm
Operator : PhilipB
Sample : IC208-10 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:26:20 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 : Mon Jul 02 18:26:15 2007
Response via : Initial Calibration





TIC: Q3875.D\data.ms

(16) ETHANOL (m)

5.096min (+0.000) 10.00PPBV m

response 45049

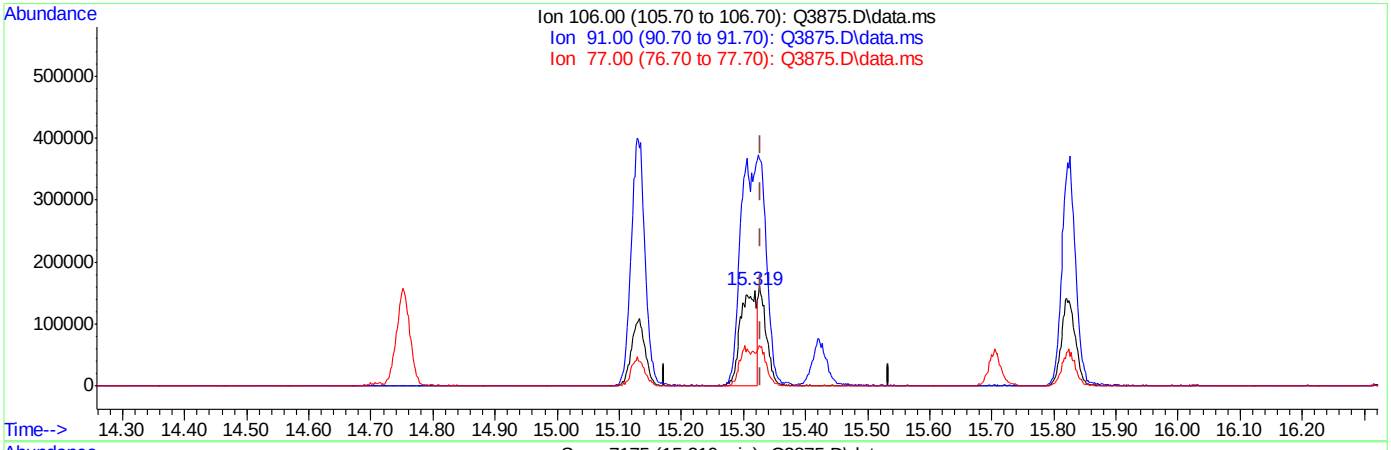
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	34.88
42.00	8.40	6.98
0.00	0.00	0.00

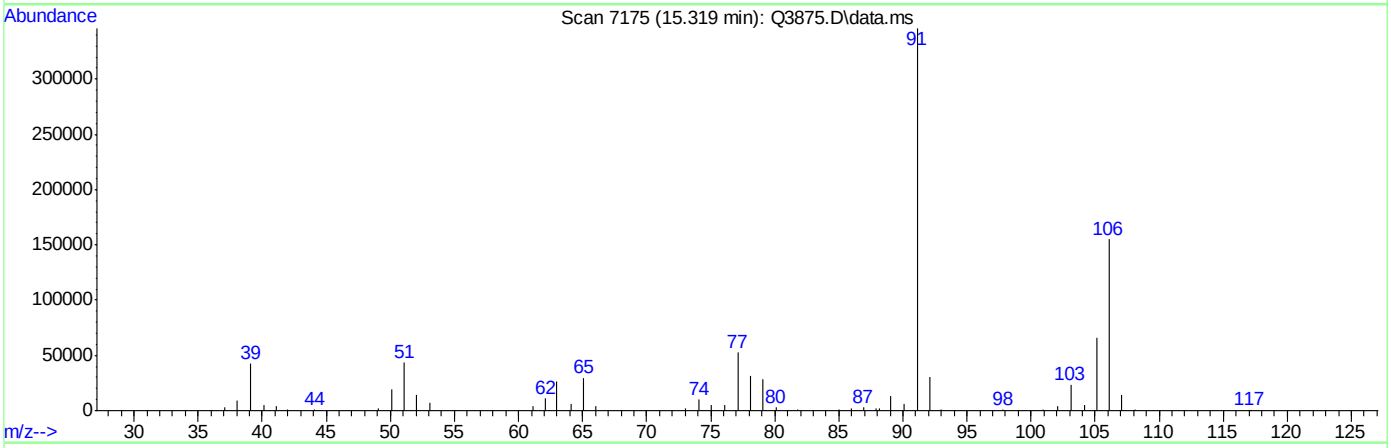
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3875.D
Acq On : 2 Jul 2007 2:37 pm
Operator : PhilipB
Sample : IC208-10 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:26:20 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 : Mon Jul 02 18:26:15 2007
Response via : Initial Calibration





TIC: Q3875.D\data.ms

(56) m,p-XYLENE (m)

15.319min (-0.010) 13.01PPBV

response 277706

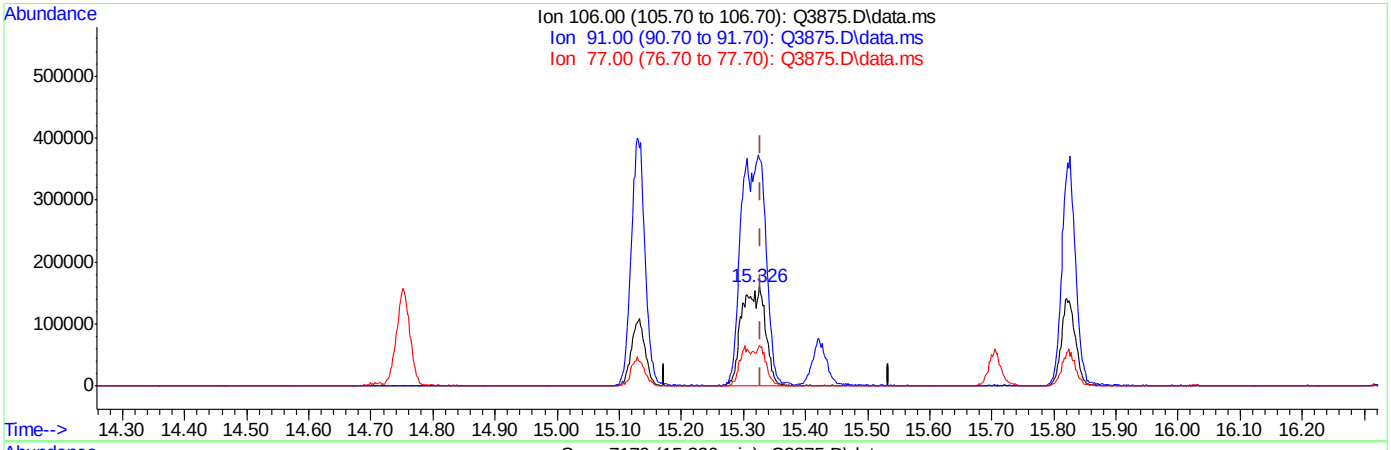
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	222.98
77.00	27.30	33.82#
0.00	0.00	0.00

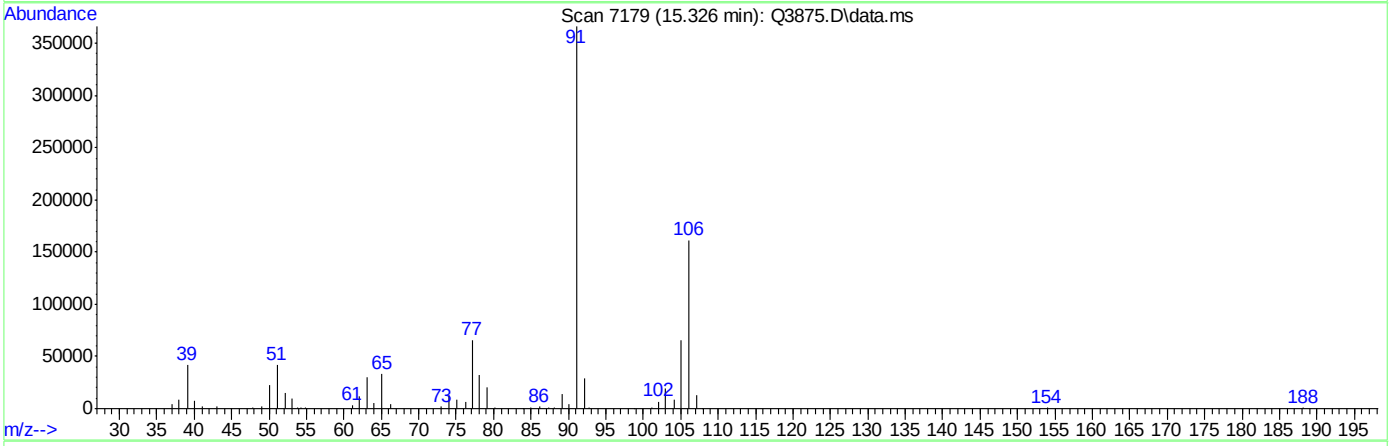
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3875.D
Acq On : 2 Jul 2007 2:37 pm
Operator : PhilipB
Sample : IC208-10 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:26:20 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 : Mon Jul 02 18:26:15 2007
Response via : Initial Calibration





TIC: Q3875.D\data.ms

(56) m,p-XYLENE (m)

15.326min (-0.003) 19.91PPBV m

response 425085

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	227.10
77.00	27.30	40.85#
0.00	0.00	0.00

ACCUTEST Laboratories M65924

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 07/06/07 11:27

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3876.D
Acq On : 2 Jul 2007 3:20 pm
Operator : PhilipB
Sample : IC208-5 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:28:54 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 : Mon Jul 02 18:27:37 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	116713	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.461	114	553513	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.708	117	466784	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.323	95	207183	5.00	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 100.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.031	85	420753	5.00	PPBV	97
3) PROPYLENE	3.959	41	37180	5.02	PPBV #	81
4) FREON 114	4.294	85	351526	5.00	PPBV	91
5) CHLOROMETHANE	4.202	50	58099	5.00	PPBV	94
6) VINYL CHLORIDE	4.424	62	79749	5.00	PPBV #	54
7) 1,3-BUTADIENE	4.555	39	71292	5.00	PPBV #	48
8) BROMOMETHANE	4.835	94	96544	5.00	PPBV #	56
9) CHLOROETHANE	5.011	64	36568m	5.00	PPBV	
10) TRICHLOROFLUOROMETHANE	5.788	101	535362	5.00	PPBV	94
11) ISOPROPYL ALCOHOL	5.831	45	153573	5.00	PPBV	89
12) ACETONE	5.606	43	170666	5.00	PPBV	79
13) PENTANE	6.136	42	83724	5.00	PPBV #	79
14) 1,1-DICHLOROETHYLENE	6.422	96	98221	5.00	PPBV	98
15) CARBON DISULFIDE	6.855	76	297107	5.00	PPBV	92
16) ETHANOL	5.100	45	21939m	5.00	PPBV	
17) BROMOETHENE	5.366	106	98130	5.00	PPBV #	97
18) METHYLENE CHLORIDE	6.539	84	91825	5.00	PPBV	87
19) 3-CHLOROPROPENE	6.655	39	111305	5.00	PPBV #	64
20) FREON 113	6.795	151	231203	5.00	PPBV	96
21) TRANS-1,2-DICHLOROETHY...	7.466	96	102378	5.00	PPBV #	81
22) TERTIARY BUTYL ALCOHOL	6.433	59	216483	5.00	PPBV	84
23) METHYL TERTIARY BUTYL ...	7.712	73	226198	5.00	PPBV	86
24) TETRAHYDROFURAN	9.146	42	47508	5.00	PPBV	69
25) HEXANE	8.669	57	73840	5.00	PPBV #	70
26) VINYL ACETATE	7.789	43	128366	5.00	PPBV	92
27) 1,1-DICHLOROETHANE	7.663	63	175155	5.00	PPBV	93
28) METHYL ETHYL KETONE	8.032	43	115307	5.00	PPBV	97
29) cis-1,2-DICHLOROETHYLENE	8.472	96	55243	5.00	PPBV	92
30) ETHYL ACETATE	8.664	43	178911	5.00	PPBV	99
31) CHLOROFORM	8.754	83	201723	5.00	PPBV	97
32) 1,1,1-TRICHLOROETHANE	9.709	97	217855	5.00	PPBV	98
33) CARBON TETRACHLORIDE	10.289	117	275013	5.00	PPBV	94
34) 1,2-DICHLOROETHANE	9.459	62	141385	5.00	PPBV	98
36) BENZENE	10.151	78	152543	5.00	PPBV	91
37) CYCLOHEXANE	10.417	84	70316	5.00	PPBV #	59
38) TRICHLOROETHYLENE	11.146	95	96948	5.00	PPBV	86
39) 1,2-DICHLOROPROPANE	10.923	63	58390	5.00	PPBV #	63
40) BROMODICHLOROMETHANE	11.107	83	191208	5.00	PPBV	96
41) 2,2,4-TRIMETHYLPENTANE	11.164	57	233542	5.00	PPBV	94
42) 1,4-DIOXANE	11.131	88	31982	5.00	PPBV #	73
43) HEPTANE	11.404	43	78187	5.00	PPBV	84

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3876.D
Acq On : 2 Jul 2007 3:20 pm
Operator : PhilipB
Sample : IC208-5 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:28:54 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 : Mon Jul 02 18:27:37 2007
Response via : Initial Calibration

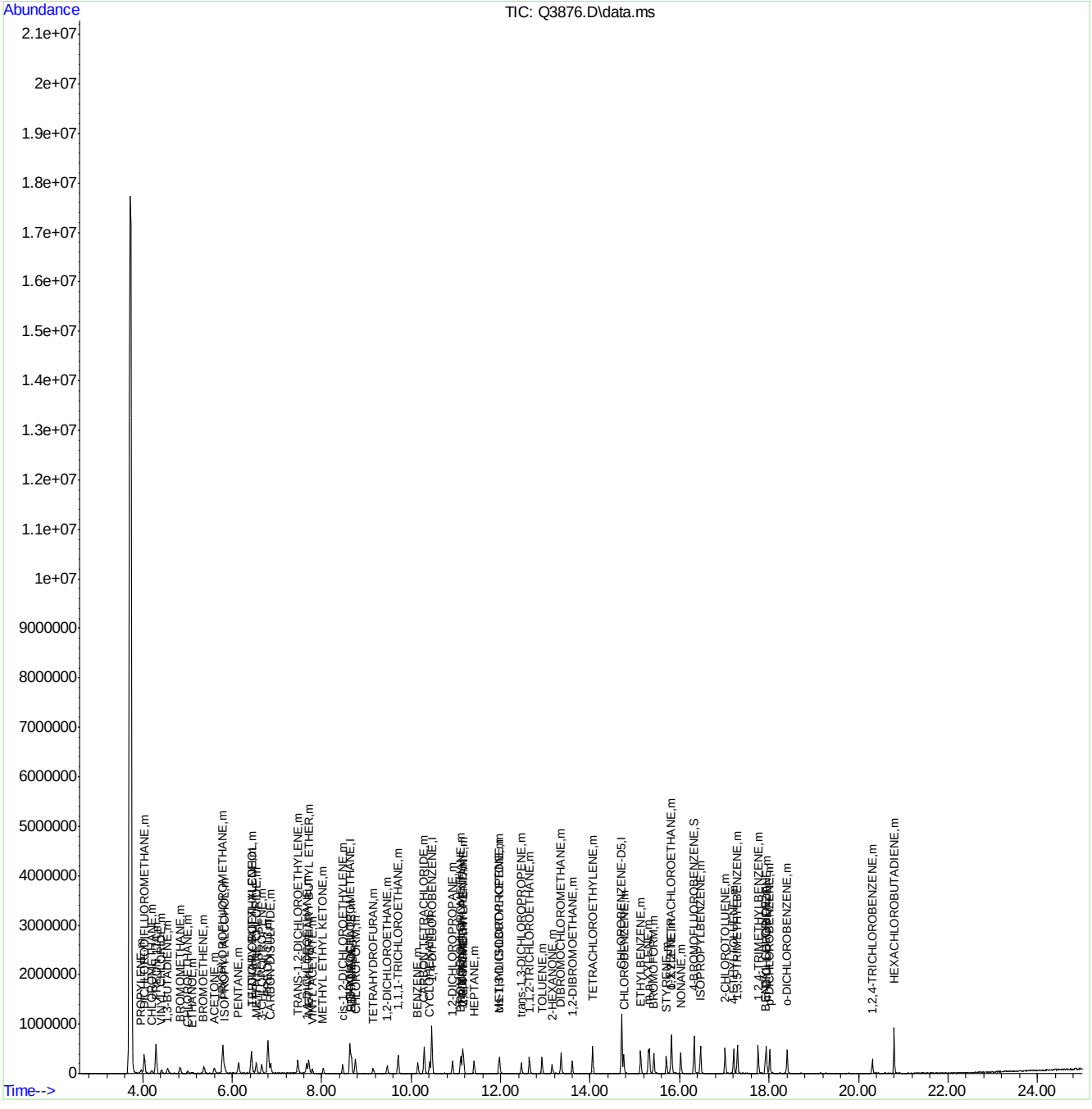
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.979	43	130842	5.00	PPBV	#	69
45) cis-1,3-DICHLOROPROPENE	11.963	75	107003	5.00	PPBV		85
46) TOLUENE	12.923	92	107025	5.00	PPBV		93
47) trans-1,3-DICHLOROPROPENE	12.463	75	94372	5.00	PPBV		97
48) 1,1,2-TRICHLOROETHANE	12.639	83	68437	5.00	PPBV		95
50) 2-HEXANONE	13.148	43	114697	5.00	PPBV		87
51) TETRACHLOROETHYLENE	14.055	164	73076	5.00	PPBV		95
52) DIBROMOCHLOROMETHANE	13.351	129	167692	5.00	PPBV		98
53) 1,2-DIBROMOETHANE	13.599	107	119110	5.00	PPBV		98
54) CHLOROBENZENE	14.751	112	141475	5.00	PPBV		83
55) ETHYLBENZENE	15.129	91	265941	5.00	PPBV		91
56) m,p-XYLENE	15.312	106	190208m	10.00	PPBV		
57) o-XYLENE	15.821	106	97360	5.00	PPBV	#	78
58) STYRENE	15.701	104	130407	5.00	PPBV		91
59) NONANE	16.029	43	133956	5.00	PPBV		90
60) BROMOFORM	15.422	173	149934	5.00	PPBV		99
62) 1,1,2,2-TETRACHLOROETHANE	15.812	83	181761	5.00	PPBV		98
63) ISOPROPYLBENZENE	16.467	105	300583	5.00	PPBV	#	100
64) 2-CHLOROTOLUENE	17.021	91	239692	5.00	PPBV		91
65) 4-ETHYLTOLUENE	17.207	105	249674	5.00	PPBV		98
66) 1,3,5-TRIMETHYLBENZENE	17.294	105	270746	5.00	PPBV		87
67) 1,2,4-TRIMETHYLBENZENE	17.758	105	253488	5.00	PPBV		91
68) m-DICHLOROBENZENE	17.937	146	141998	5.00	PPBV		93
69) BENZYL CHLORIDE	17.919	91	176404	5.00	PPBV		93
70) p-DICHLOROBENZENE	18.015	146	143772m	4.98	PPBV		
71) o-DICHLOROBENZENE	18.405	146	127718	5.00	PPBV		94
72) HEXACHLOROBUTADIENE	20.796	225	91423	5.00	PPBV		97
73) 1,2,4-TRICHLOROBENZENE	20.306	180	53637	5.00	PPBV		96

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3876.D
Acq On : 2 Jul 2007 3:20 pm
Operator : PhilipB
Sample : IC208-5 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

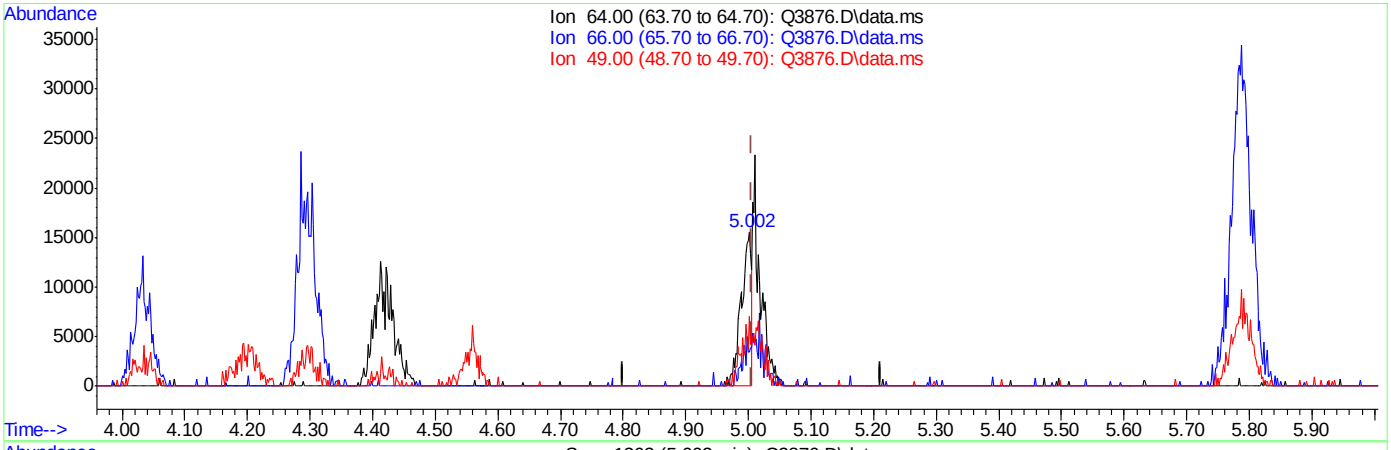
Quant Time: Jul 02 18:28:54 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jul 02 18:27:37 2007
Response via : Initial Calibration

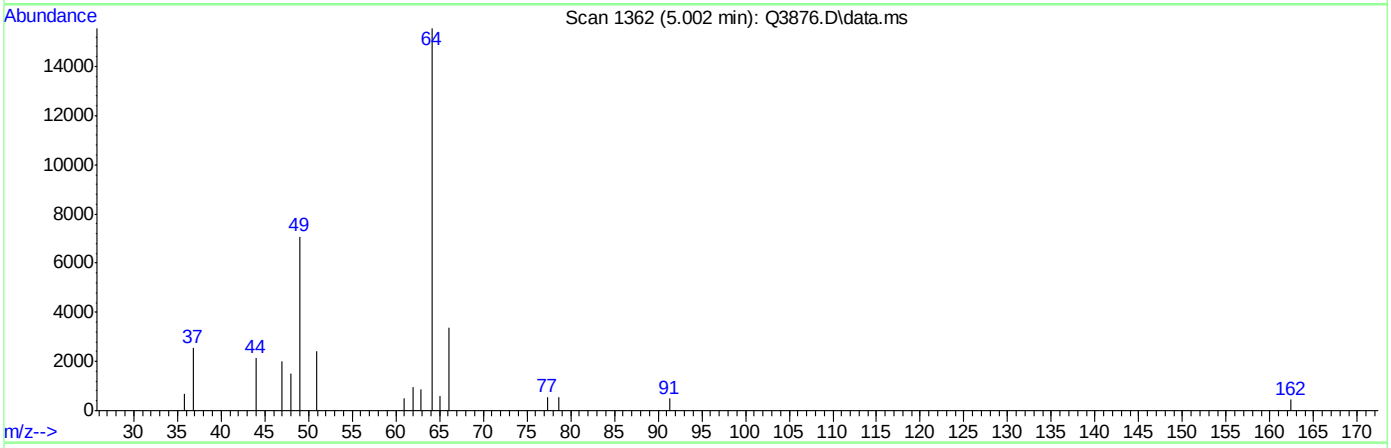


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3876.D
Acq On : 2 Jul 2007 3:20 pm
Operator : PhilipB
Sample : IC208-5 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:27:41 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 : Mon Jul 02 18:27:37 2007
Response via : Initial Calibration





TIC: Q3876.D\data.ms

(9) CHLOROETHANE (m)

5.002min (-0.003) 2.45PPBV

response 17904

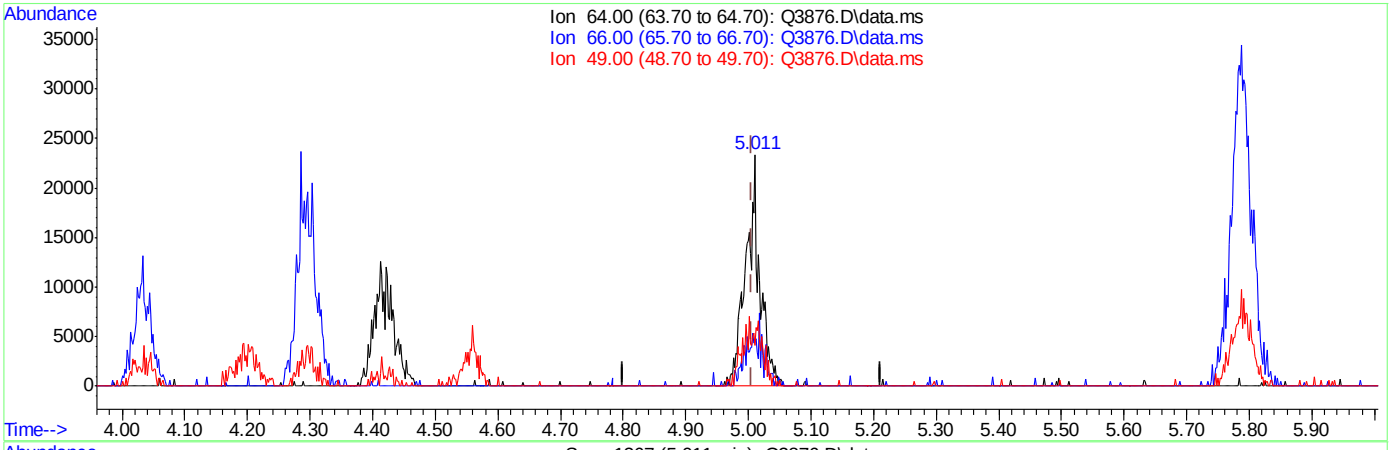
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	21.77
49.00	36.50	39.31
0.00	0.00	0.00

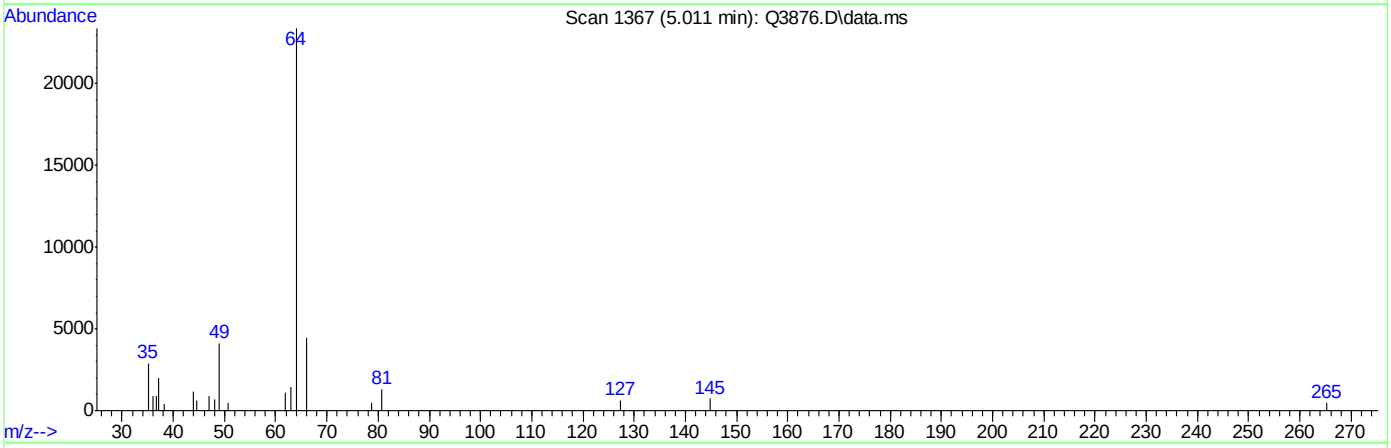
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3876.D
Acq On : 2 Jul 2007 3:20 pm
Operator : PhilipB
Sample : IC208-5 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:27:41 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 : Mon Jul 02 18:27:37 2007
Response via : Initial Calibration





TIC: Q3876.D\data.ms

(9) CHLOROETHANE (m)

5.011min (+0.005) 5.00PPBV m

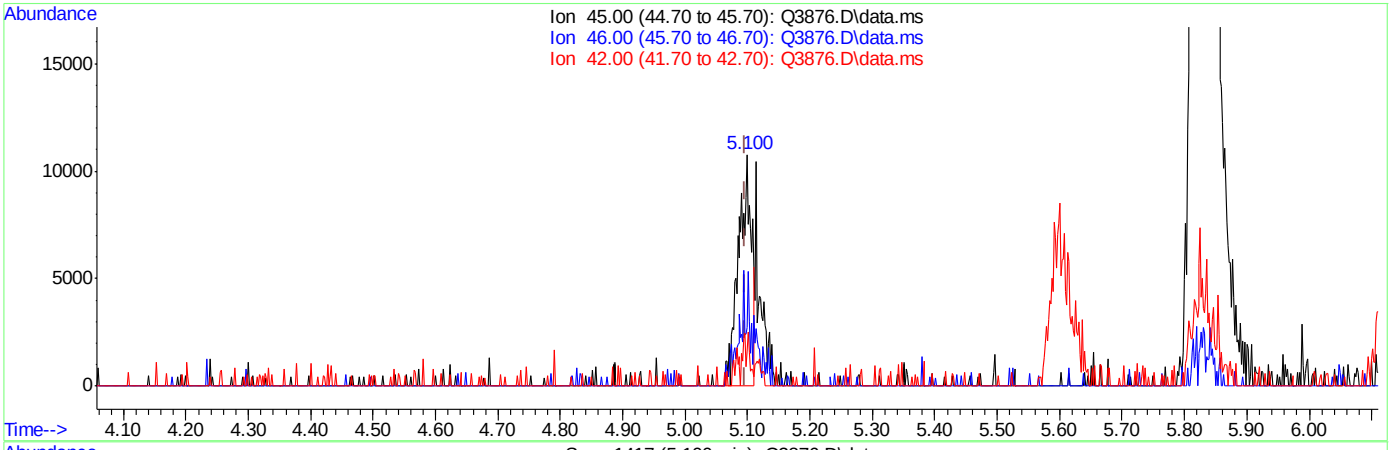
response 36568

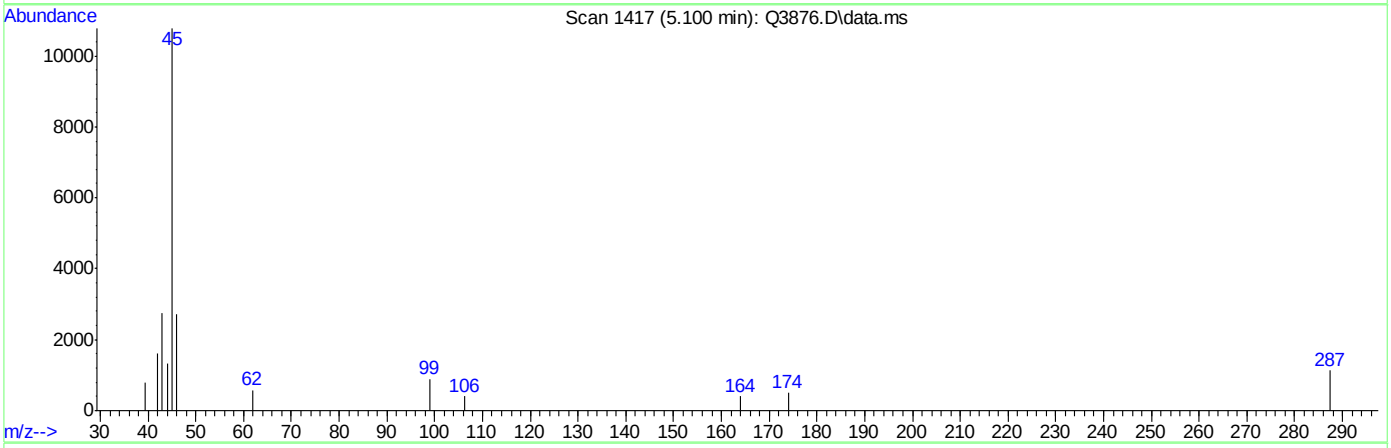
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	10.66
49.00	36.50	19.25
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3876.D
Acq On : 2 Jul 2007 3:20 pm
Operator : PhilipB
Sample : IC208-5 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:27:41 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 : Mon Jul 02 18:27:37 2007
Response via : Initial Calibration





TIC: Q3876.D\data.ms

(16) ETHANOL (m)

5.100min (+0.004) 3.59PPBV

response 15768

Ion	Exp%	Act%
45.00	100	100
46.00	34.70	50.54
42.00	8.40	11.26
0.00	0.00	0.00

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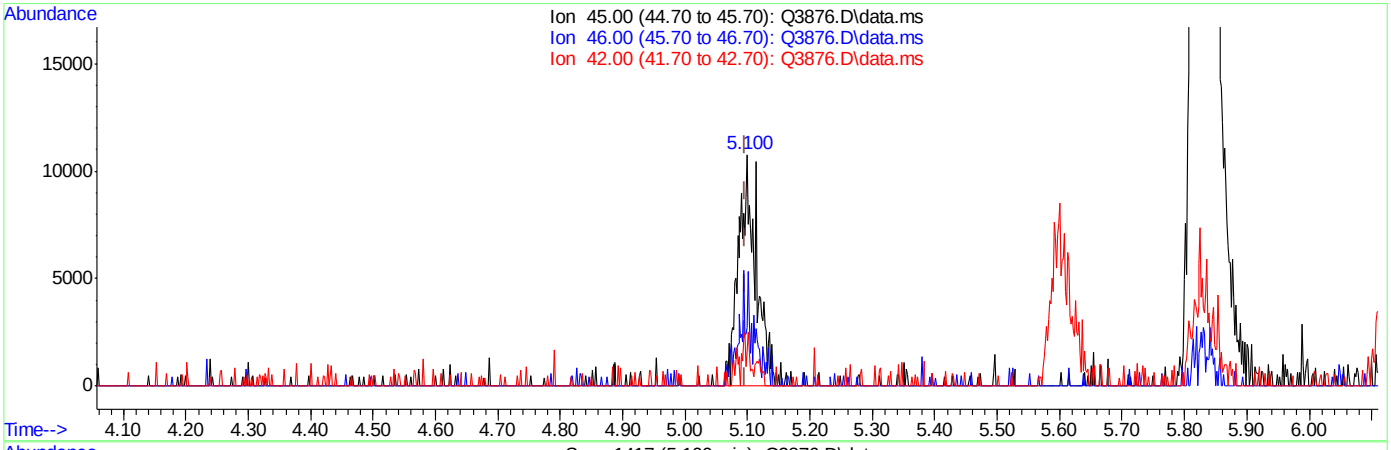
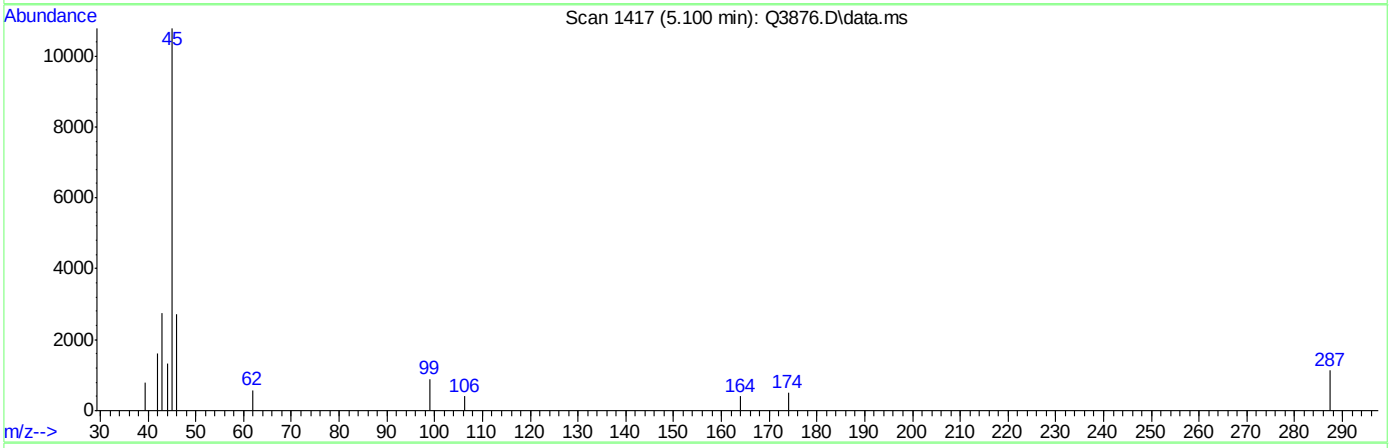
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3876.D
Acq On : 2 Jul 2007 3:20 pm
Operator : PhilipB
Sample : IC208-5 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:27:41 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 : Mon Jul 02 18:27:37 2007
Response via : Initial Calibration





TIC: Q3876.D\data.ms

(16) ETHANOL (m)

5.100min (+0.004) 5.00PPBV m

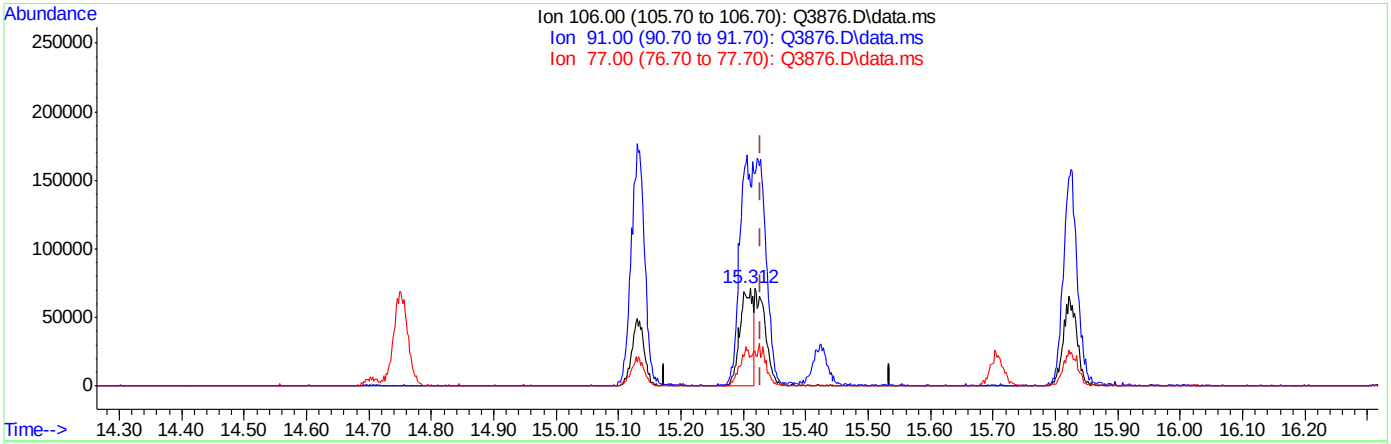
response 21939

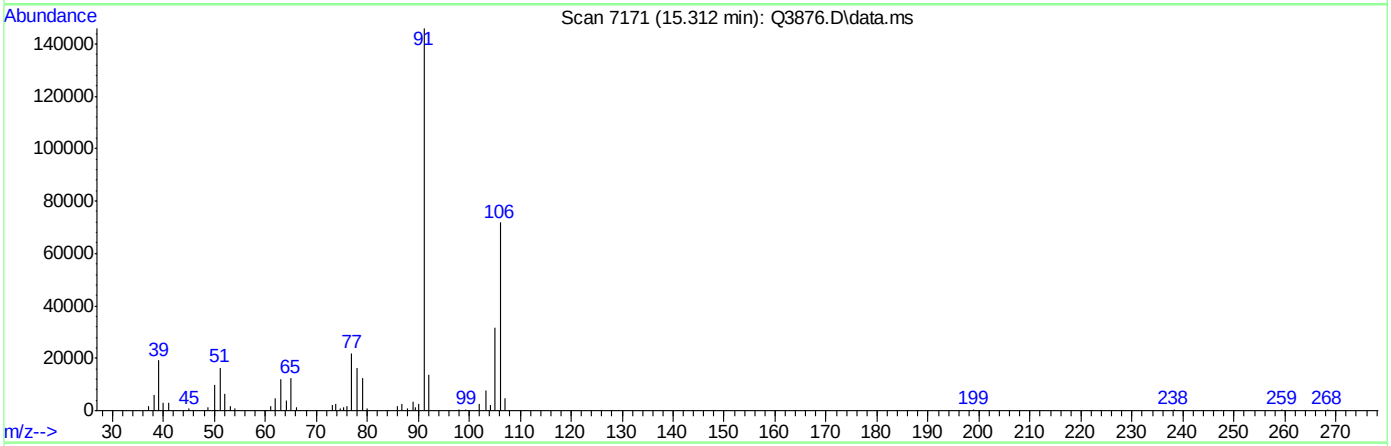
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	36.32
42.00	8.40	8.10
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3876.D
Acq On : 2 Jul 2007 3:20 pm
Operator : PhilipB
Sample : IC208-5 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:27:41 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 : Mon Jul 02 18:27:37 2007
Response via : Initial Calibration





TIC: Q3876.D\data.ms

(56) m,p-XYLENE (m)

15.312min (-0.017) 5.57PPBV

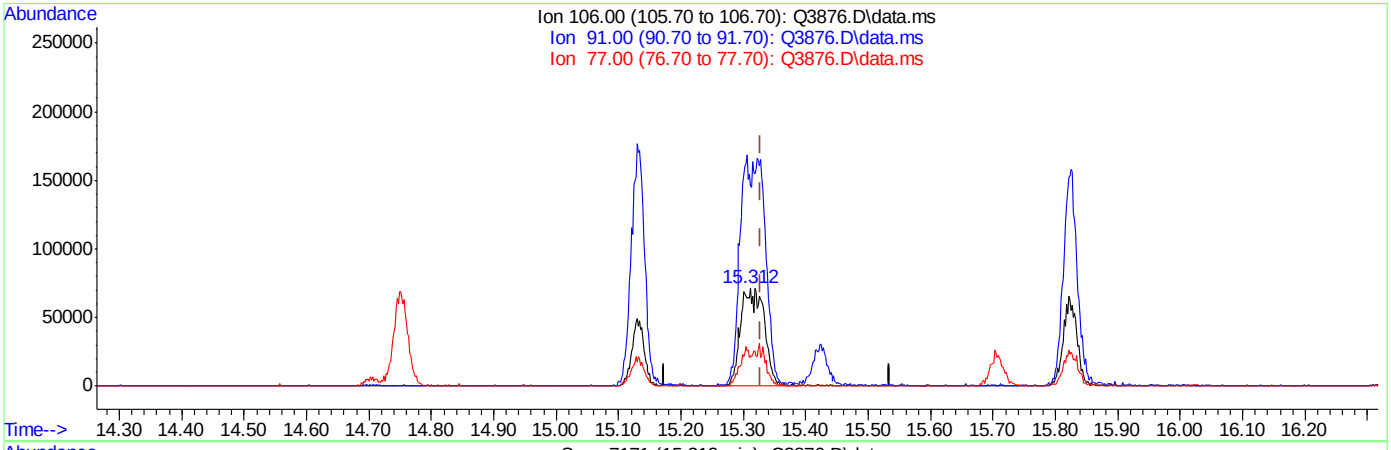
response 105885

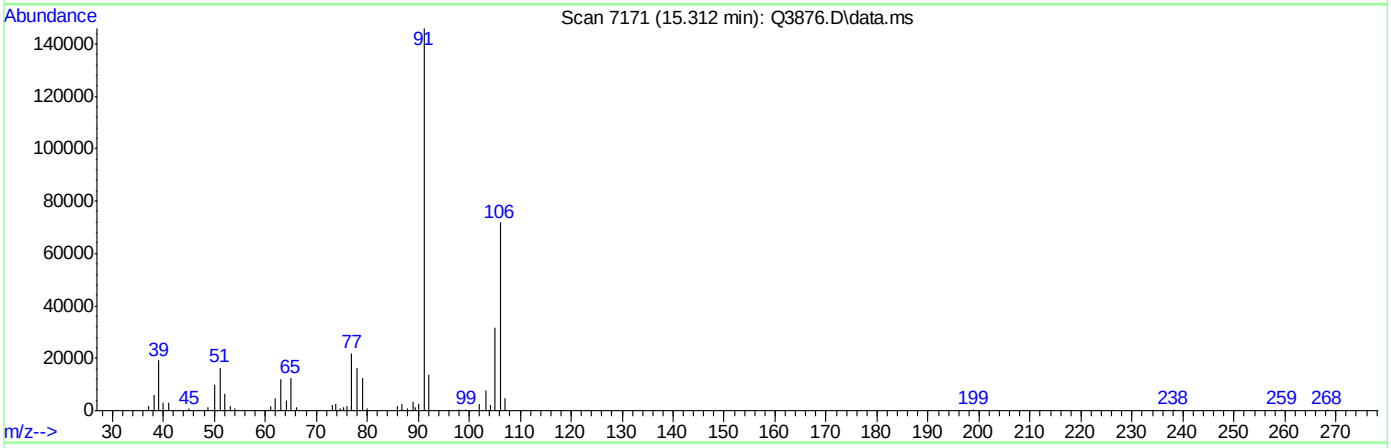
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	203.44
77.00	27.30	30.72
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3876.D
Acq On : 2 Jul 2007 3:20 pm
Operator : PhilipB
Sample : IC208-5 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:27:41 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 : Mon Jul 02 18:27:37 2007
Response via : Initial Calibration





TIC: Q3876.D\data.ms

(56) m,p-XYLENE (m)

15.312min (-0.017) 10.00PPBV m

response 190208

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	203.44
77.00	27.30	30.72
0.00	0.00	0.00

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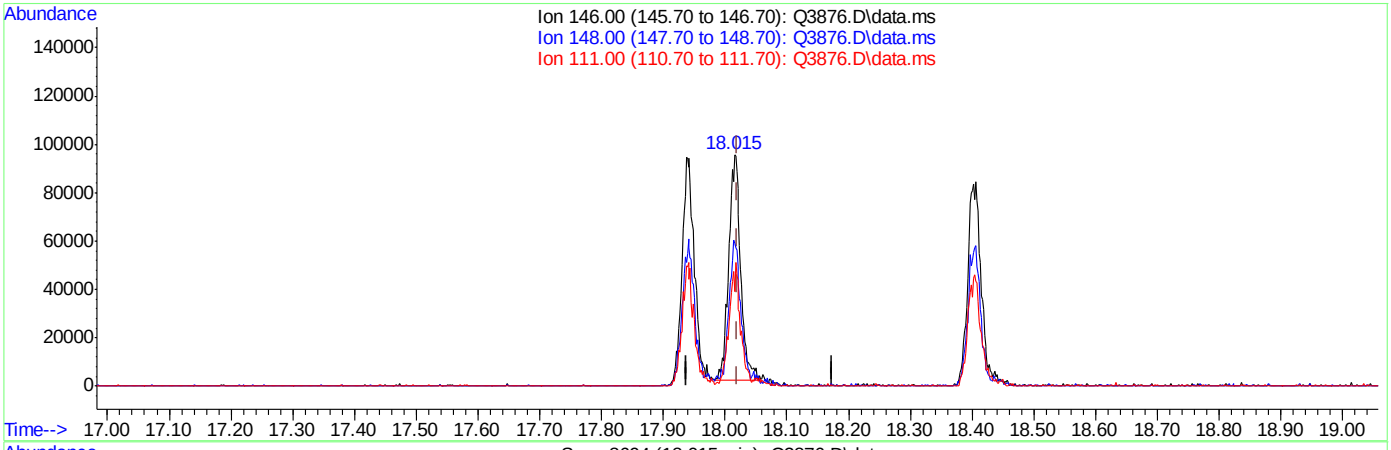
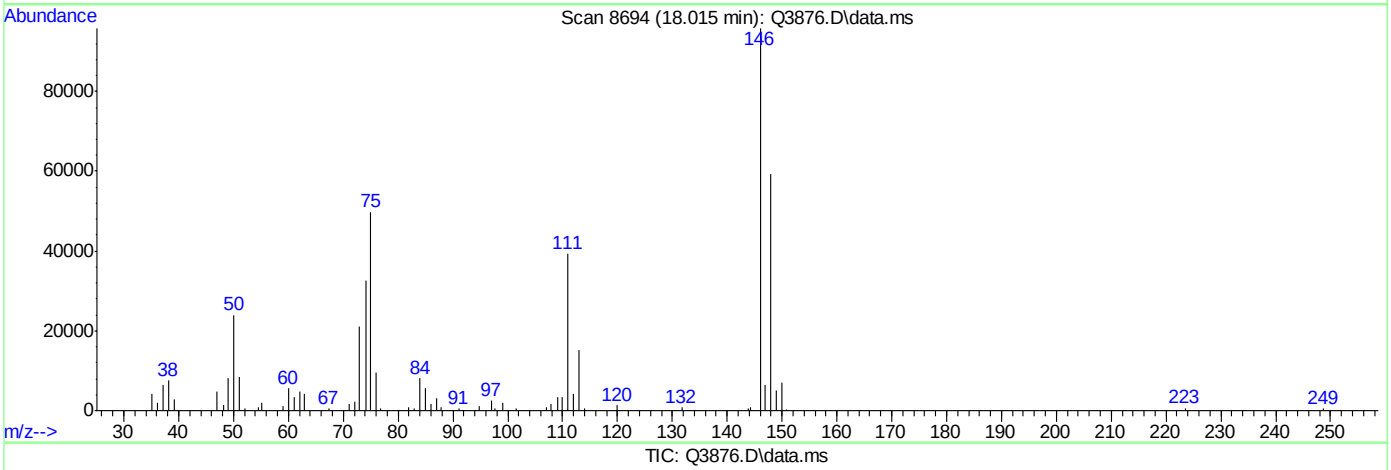
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3876.D
Acq On : 2 Jul 2007 3:20 pm
Operator : PhilipB
Sample : IC208-5 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:27:41 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 : Mon Jul 02 18:27:37 2007
Response via : Initial Calibration





TIC: Q3876.D\data.ms

(70) p-DICHLOROBENZENE (m)

18.015min (-0.005) 4.48PPBV

response 129530

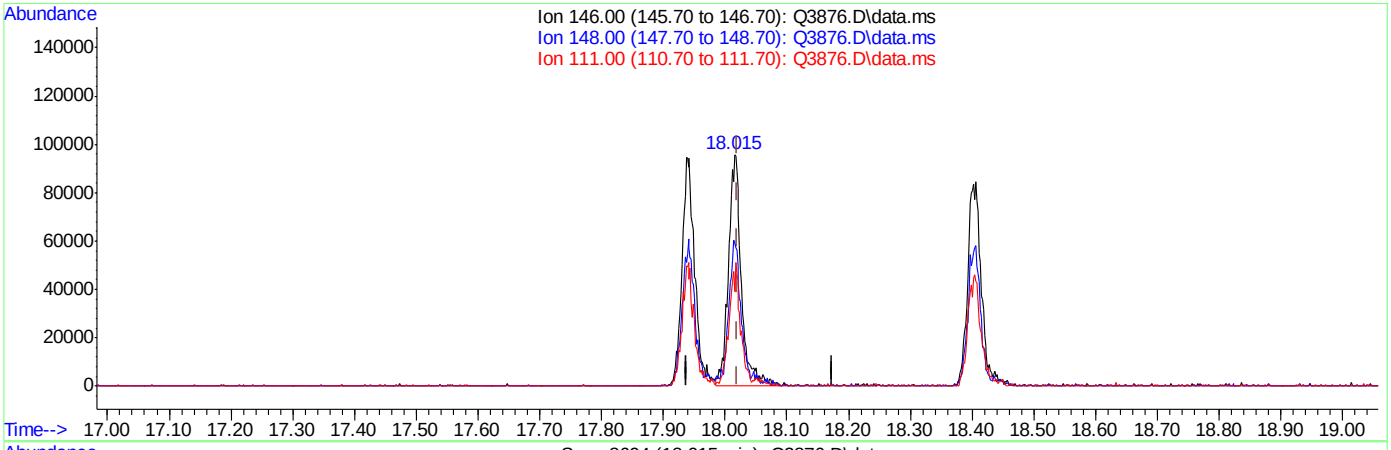
Ion	Exp%	Act%
146.00	100	100
148.00	63.40	61.51
111.00	41.10	51.16
0.00	0.00	0.00

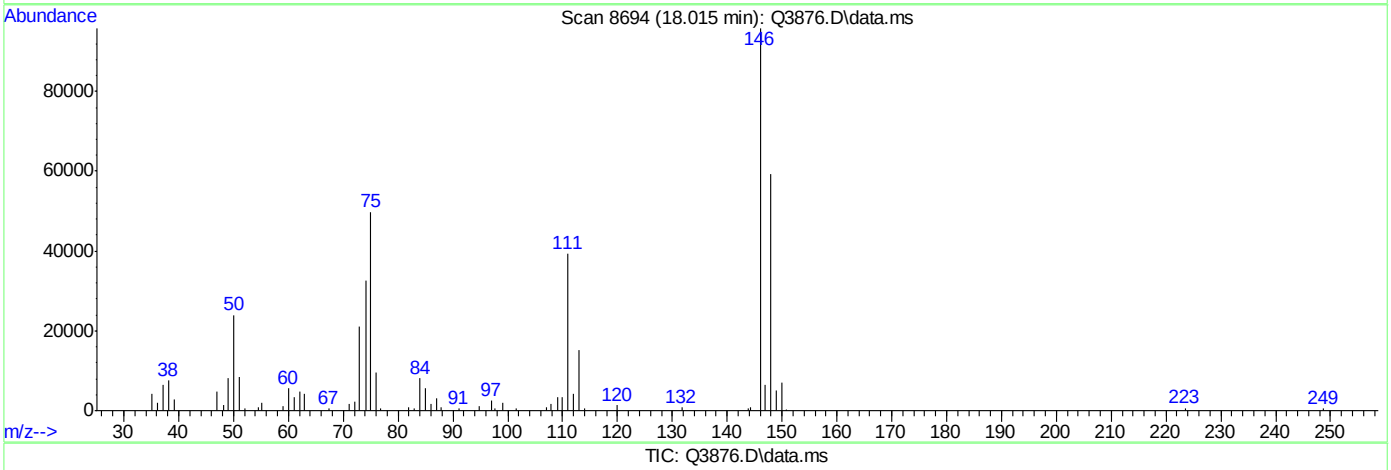
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3876.D
Acq On : 2 Jul 2007 3:20 pm
Operator : PhilipB
Sample : IC208-5 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 18:27:41 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 : Mon Jul 02 18:27:37 2007
Response via : Initial Calibration





TIC: Q3876.D\data.ms

(70) p-DICHLOROBENZENE (m)

18.015min (-0.005) 4.98PPBV m

response 143772

Ion	Exp%	Act%
146.00	100	100
148.00	63.40	55.41
111.00	41.10	46.09
0.00	0.00	0.00

ACCUTEST Laboratories M65924

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 07/06/07 11:27

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M186)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:34:08 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.632	128	112468	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.460	114	495995	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.707	117	390409	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.325	95	153835	5.00	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 100.00%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.035	85	47047	0.50	PPBV		91
3) PROPYLENE	3.959	41	5220m	0.50	PPBV		
4) FREON 114	4.298	85	35023	0.50	PPBV	#	66
5) CHLOROMETHANE	4.195	50	6381m	0.50	PPBV		
6) VINYL CHLORIDE	4.415	62	8468m	0.50	PPBV		
7) 1,3-BUTADIENE	4.560	39	8780m	0.50	PPBV		
8) BROMOMETHANE	4.832	94	10526m	0.49	PPBV		
9) CHLOROETHANE	4.999	64	4922m	0.50	PPBV		
10) TRICHLOROFLUOROMETHANE	5.778	101	53445	0.50	PPBV	#	58
11) ISOPROPYL ALCOHOL	5.847	45	17969	0.48	PPBV		79
12) ACETONE	5.614	43	37844	0.50	PPBV		69
13) PENTANE	6.131	42	8490m	0.50	PPBV		
14) 1,1-DICHLOROETHYLENE	6.422	96	10697	0.50	PPBV	#	84
15) CARBON DISULFIDE	6.853	76	36383	0.50	PPBV	#	82
16) ETHANOL	5.112	45	3645m	0.65	PPBV		
17) BROMOETHENE	5.371	106	10092m	0.50	PPBV		
18) METHYLENE CHLORIDE	6.537	84	22216	0.50	PPBV		81
19) 3-CHLOROPROPENE	6.667	39	13441m	0.50	PPBV		
20) FREON 113	6.804	151	26218	0.50	PPBV	#	71
21) TRANS-1,2-DICHLOROETHY...	7.467	96	11377m	0.50	PPBV		
22) TERTIARY BUTYL ALCOHOL	6.456	59	18374	0.50	PPBV		85
23) METHYL TERTIARY BUTYL ...	7.719	73	20870	0.50	PPBV	#	79
24) TETRAHYDROFURAN	9.169	42	3207	0.48	PPBV	#	73
25) HEXANE	8.665	57	8047	0.50	PPBV	#	35
26) VINYL ACETATE	7.790	43	16150	0.50	PPBV		79
27) 1,1-DICHLOROETHANE	7.664	63	19168	0.50	PPBV	#	55
28) METHYL ETHYL KETONE	8.039	43	11210m	0.52	PPBV		
29) cis-1,2-DICHLOROETHYLENE	8.468	96	5232m	0.50	PPBV		
30) ETHYL ACETATE	8.665	43	17552m	0.50	PPBV		
31) CHLOROFORM	8.754	83	20219	0.50	PPBV		96
32) 1,1,1-TRICHLOROETHANE	9.718	97	23171	0.50	PPBV		94
33) CARBON TETRACHLORIDE	10.291	117	24050	0.50	PPBV		92
34) 1,2-DICHLOROETHANE	9.469	62	12029	0.50	PPBV		82
36) BENZENE	10.147	78	13608	0.50	PPBV		80
37) CYCLOHEXANE	10.406	84	5102m	0.50	PPBV		
38) TRICHLOROETHYLENE	11.143	95	8060m	0.50	PPBV		
39) 1,2-DICHLOROPROPANE	10.923	63	4735m	0.50	PPBV		
40) BROMODICHLOROMETHANE	11.104	83	17334m	0.50	PPBV		
41) 2,2,4-TRIMETHYLPENTANE	11.168	57	21058	0.50	PPBV		86
42) 1,4-DIOXANE	11.169	88	3168m	0.50	PPBV		
43) HEPTANE	11.406	43	6963m	0.50	PPBV		

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M186)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:34:08 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration

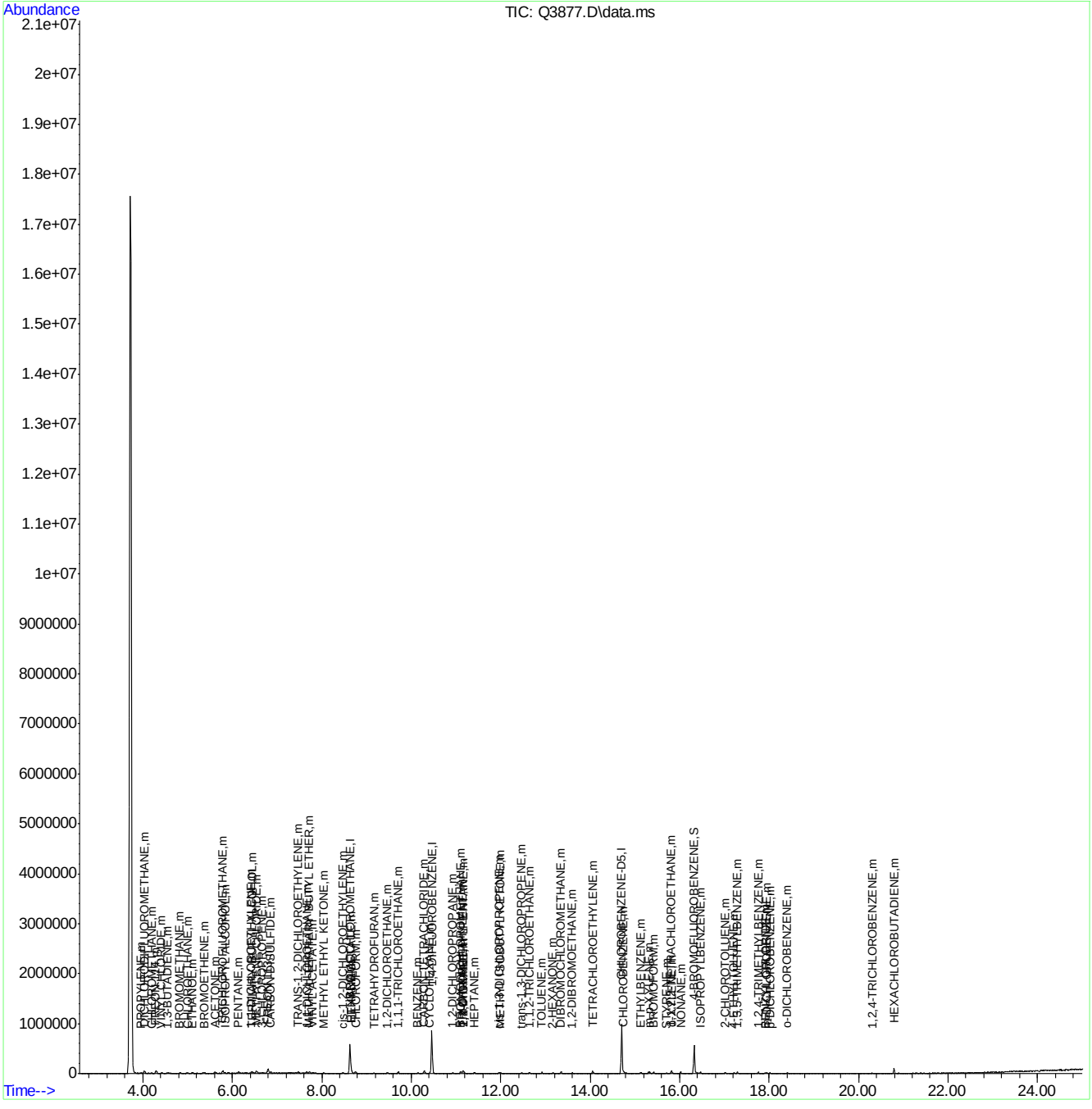
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.988	43	8609	0.50	PPBV #	59
45) cis-1,3-DICHLOROPROPENE	11.957	75	7313m	0.50	PPBV	
46) TOLUENE	12.918	92	7667	0.50	PPBV	94
47) trans-1,3-DICHLOROPROPENE	12.470	75	4158	0.48	PPBV #	81
48) 1,1,2-TRICHLOROETHANE	12.648	83	5899m	0.50	PPBV	
50) 2-HEXANONE	13.168	43	5204m	0.45	PPBV	
51) TETRACHLOROETHYLENE	14.061	164	6861m	0.50	PPBV	
52) DIBROMOCHLOROMETHANE	13.347	129	12221	0.50	PPBV #	26
53) 1,2-DIBROMOETHANE	13.601	107	7161	0.50	PPBV #	98
54) CHLOROBENZENE	14.753	112	9557	0.50	PPBV	74
55) ETHYLBENZENE	15.133	91	15197	0.50	PPBV	86
56) m,p-XYLENE	15.305	106	9698m	1.00	PPBV	
57) o-XYLENE	15.819	106	4436	0.45	PPBV #	74
58) STYRENE	15.709	104	3116	0.46	PPBV #	66
59) NONANE	16.020	43	8095	0.50	PPBV #	82
60) BROMOFORM	15.427	173	8491	0.50	PPBV #	68
62) 1,1,2,2-TETRACHLOROETHANE	15.810	83	12403	0.50	PPBV	91
63) ISOPROPYLBENZENE	16.471	105	14757	0.50	PPBV #	100
64) 2-CHLOROTOLUENE	17.014	91	10017	0.50	PPBV #	64
65) 4-ETHYLTOLUENE	17.204	105	8546	0.50	PPBV	85
66) 1,3,5-TRIMETHYLBENZENE	17.298	105	11784	0.50	PPBV	93
67) 1,2,4-TRIMETHYLBENZENE	17.752	105	8373	0.50	PPBV #	41
68) m-DICHLOROBENZENE	17.940	146	4364m	0.50	PPBV	
69) BENZYL CHLORIDE	17.910	91	3535m	0.50	PPBV	
70) p-DICHLOROBENZENE	18.017	146	3812m	0.53	PPBV	
71) o-DICHLOROBENZENE	18.405	146	4101	0.46	PPBV #	82
72) HEXACHLOROBUTADIENE	20.792	225	10551	0.50	PPBV #	75
73) 1,2,4-TRICHLOROBENZENE	20.306	180	1684	0.48	PPBV #	41

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M186)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

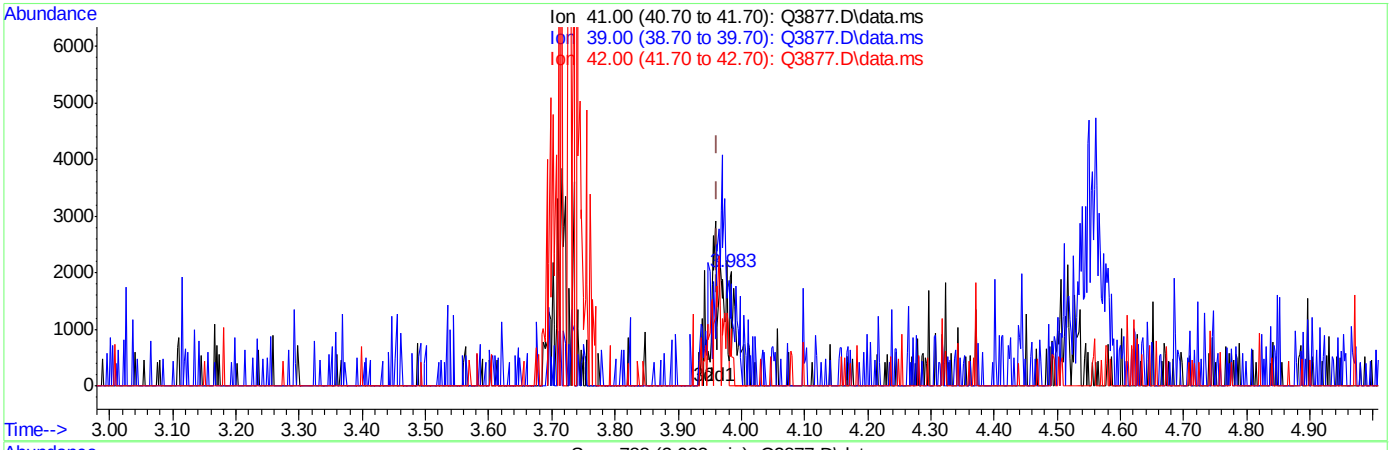
Quant Time: Jul 02 18:34:08 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration

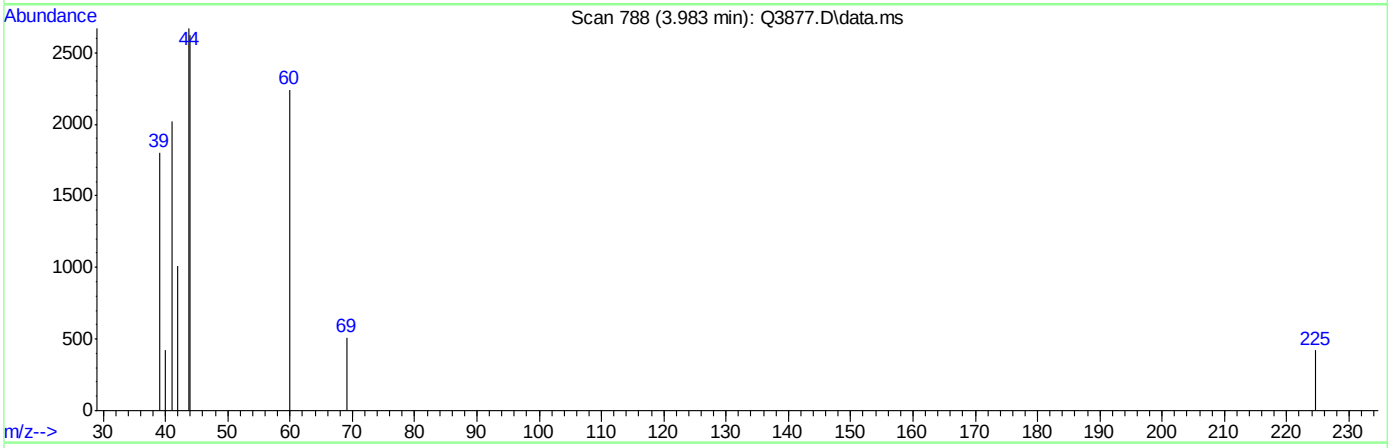


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(3) PROPYLENE (m)

3.983min (+0.020) 0.14PPBV

response 1443

Ion	Exp%	Act%
41.00	100	100
39.00	72.50	89.48
42.00	67.80	50.20
0.00	0.00	0.00

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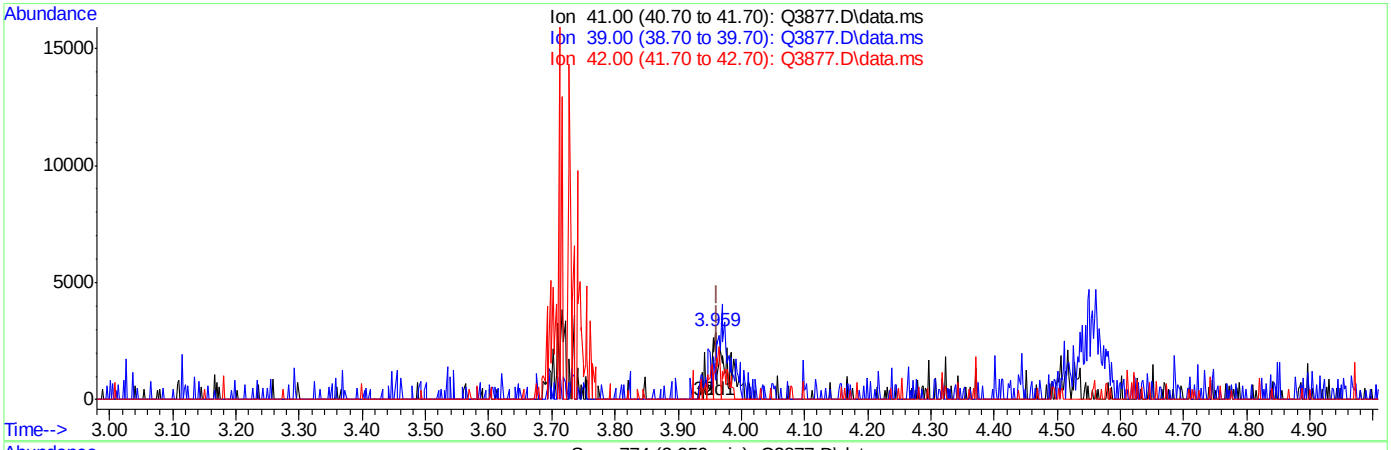
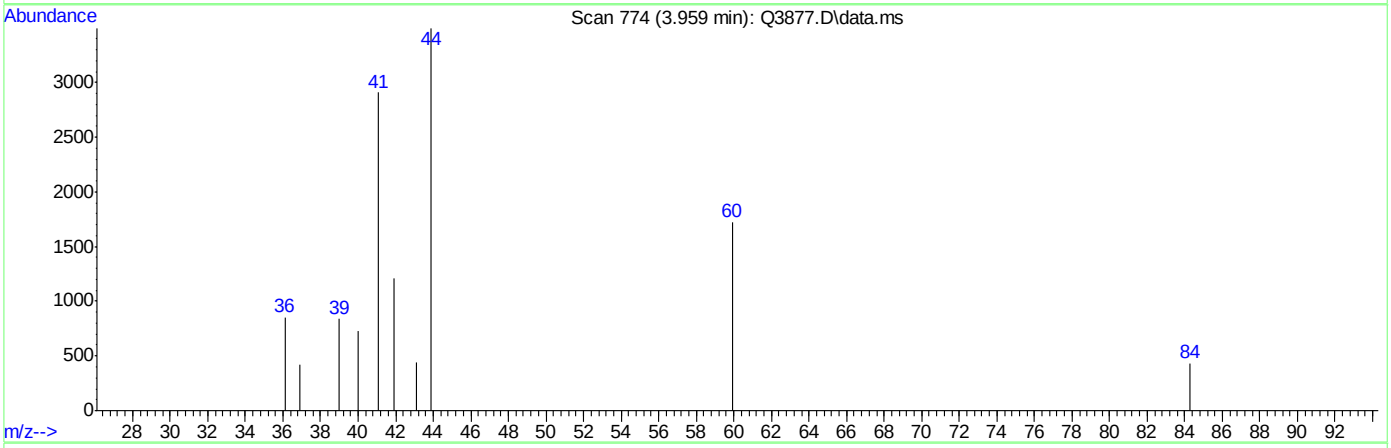
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(3) PROPYLENE (m)

3.959min (-0.004) 0.50PPBV m

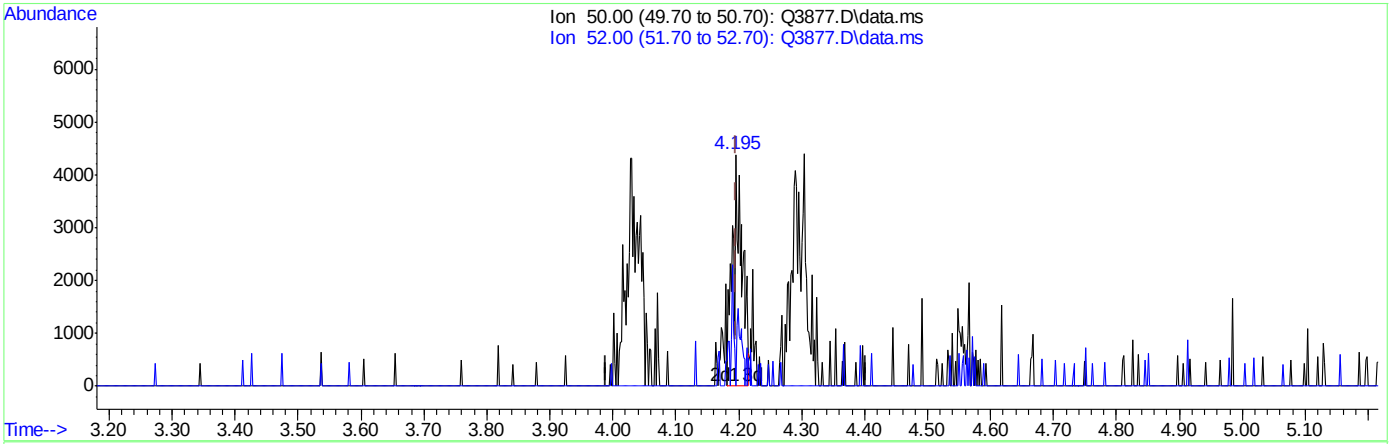
response 5220

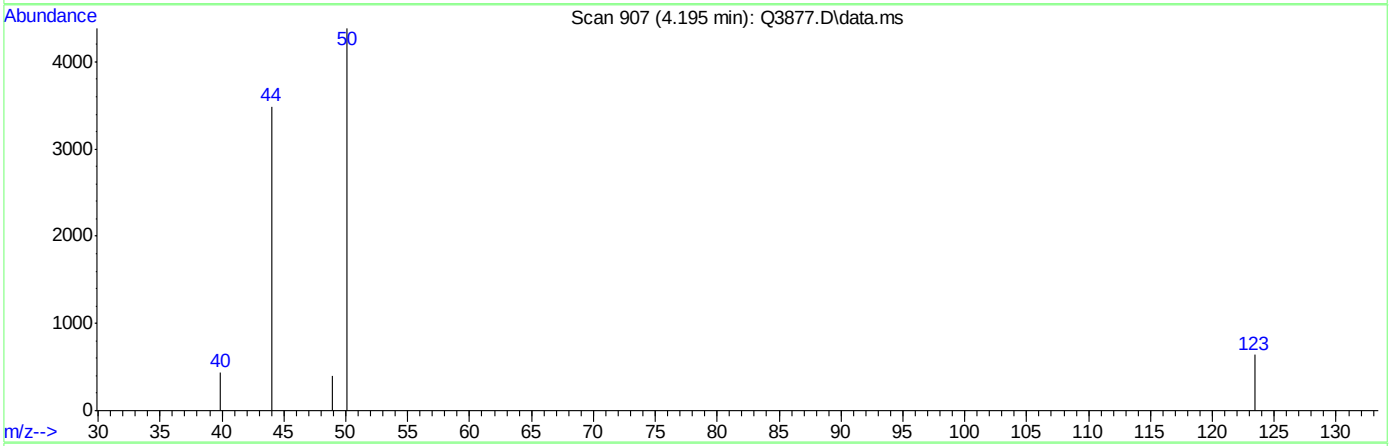
Ion	Exp%	Act%
41.00	100	100
39.00	72.50	28.81#
42.00	67.80	41.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(5) CHLOROMETHANE (m)

4.195min (-0.002) 0.38PPBV

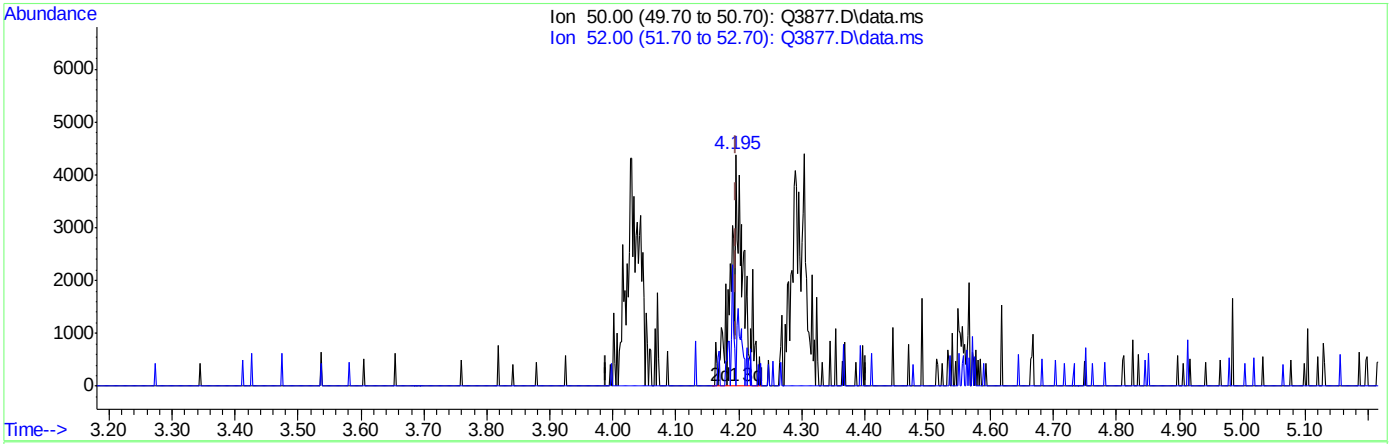
response 4832

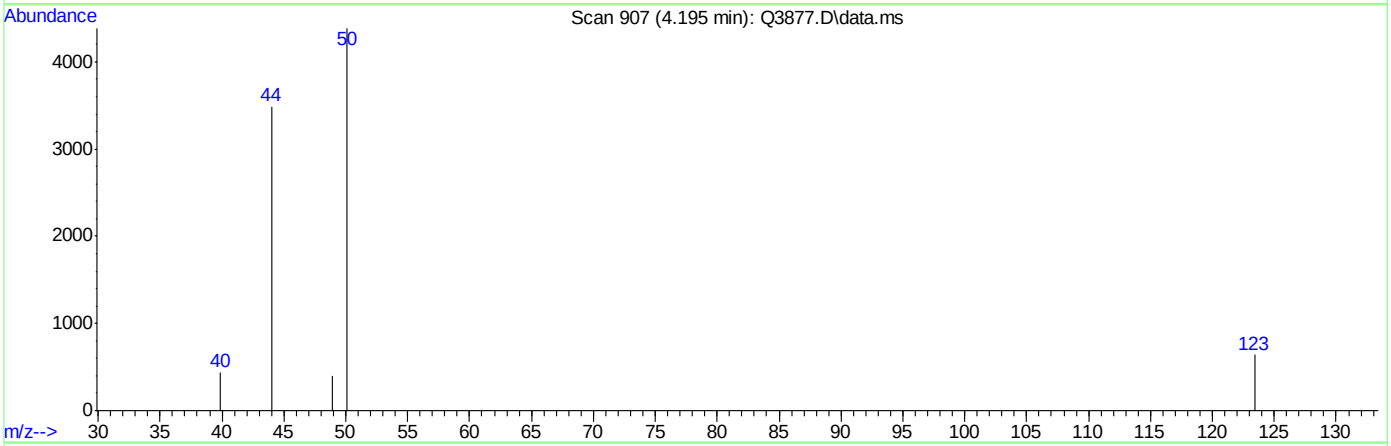
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(5) CHLOROMETHANE (m)

4.195min (-0.002) 0.50PPBV m

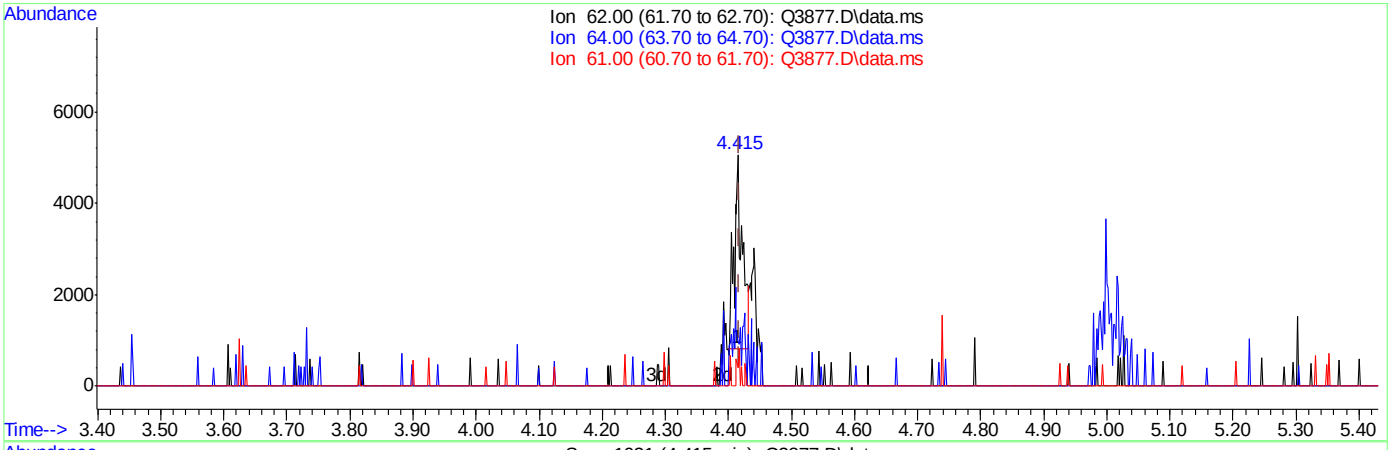
response 6381

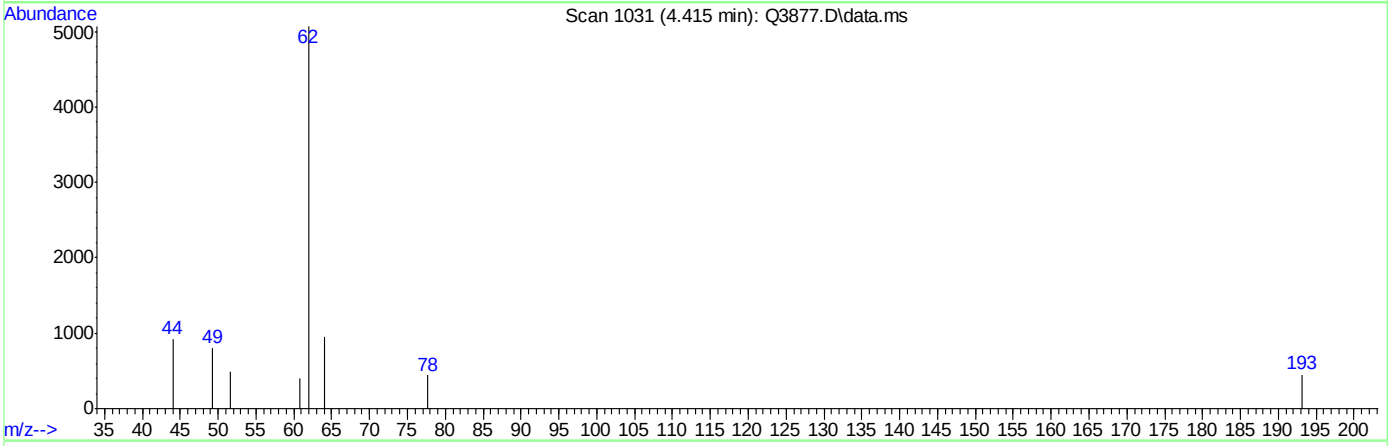
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(6) VINYL CHLORIDE (m)

4.415min (-0.004) 0.22PPBV

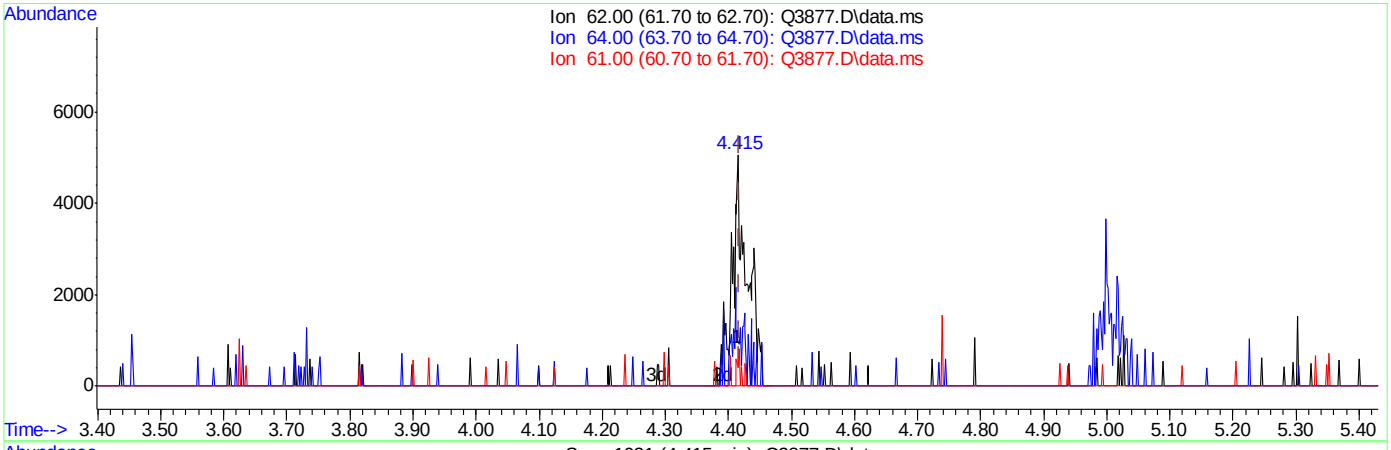
response 3702

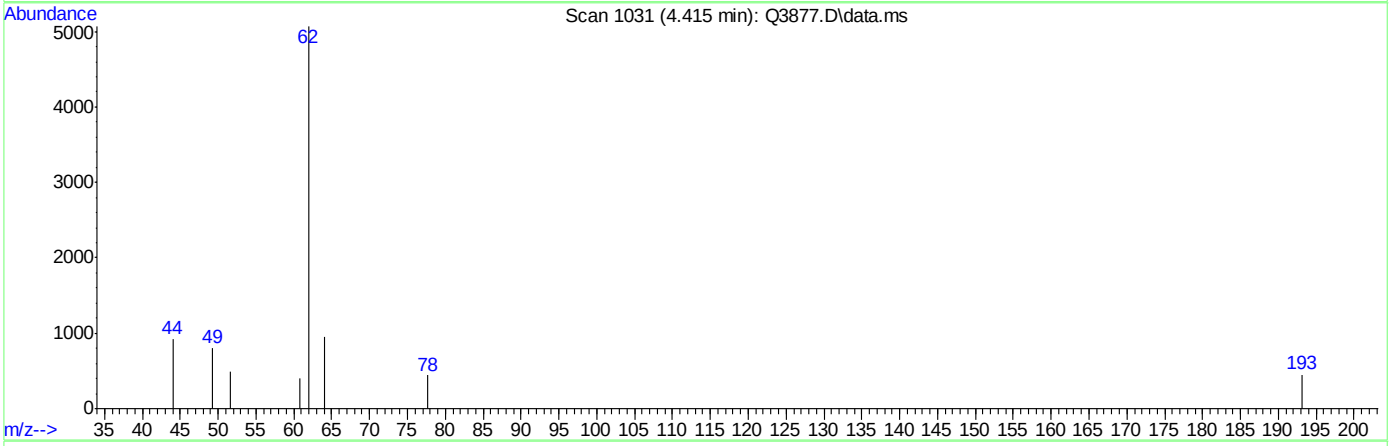
Ion	Exp%	Act%
62.00	100	100
64.00	30.40	36.39
61.00	8.60	6.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(6) VINYL CHLORIDE (m)

4.415min (-0.004) 0.50PPBV m

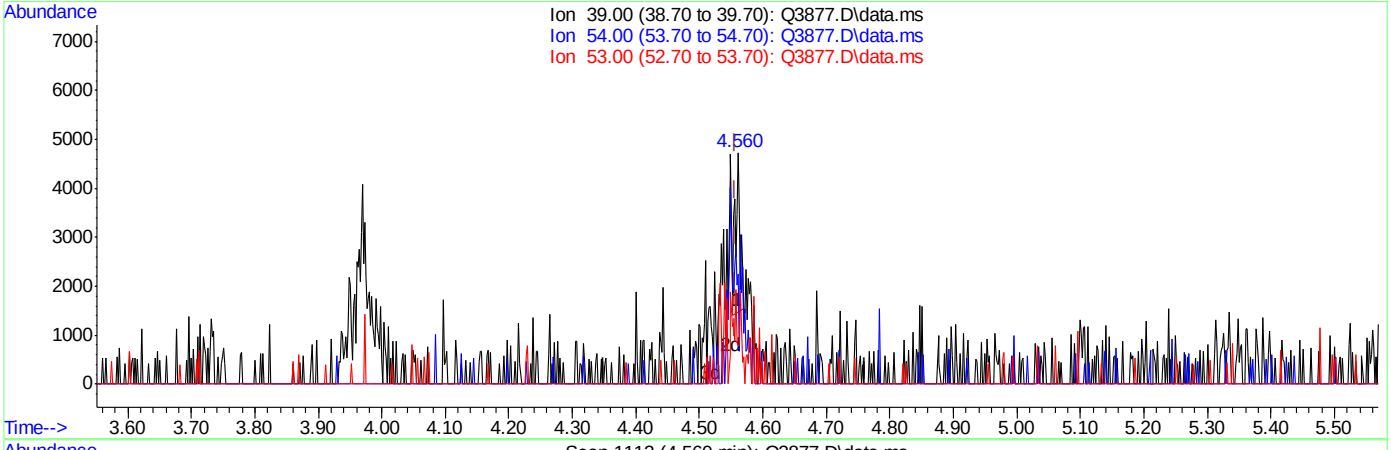
response 8468

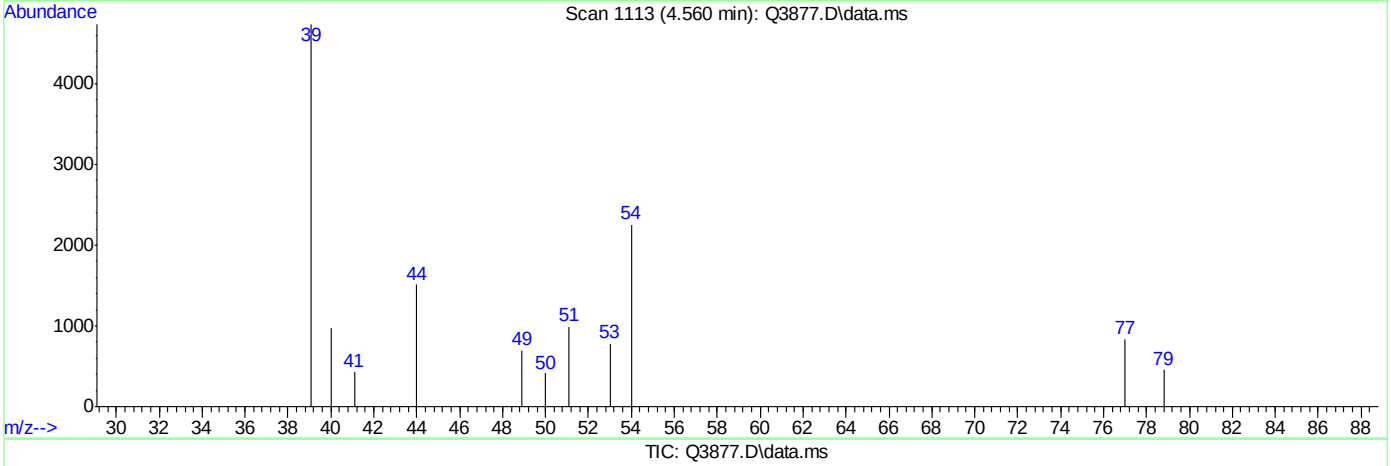
Ion	Exp%	Act%
62.00	100	100
64.00	30.40	15.91
61.00	8.60	2.80
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(7) 1,3-BUTADIENE (m)

4.560min (+0.004) 0.10PPBV

response 1678

Ion	Exp%	Act%
39.00	100	100
54.00	111.20	0.00#
53.00	75.80	0.00#
0.00	0.00	0.00

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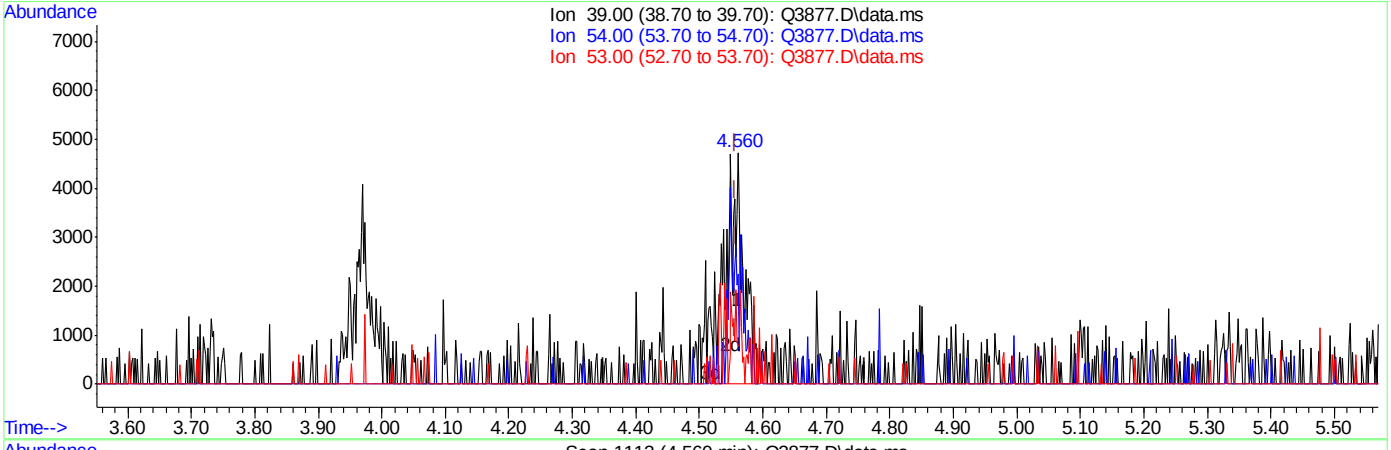
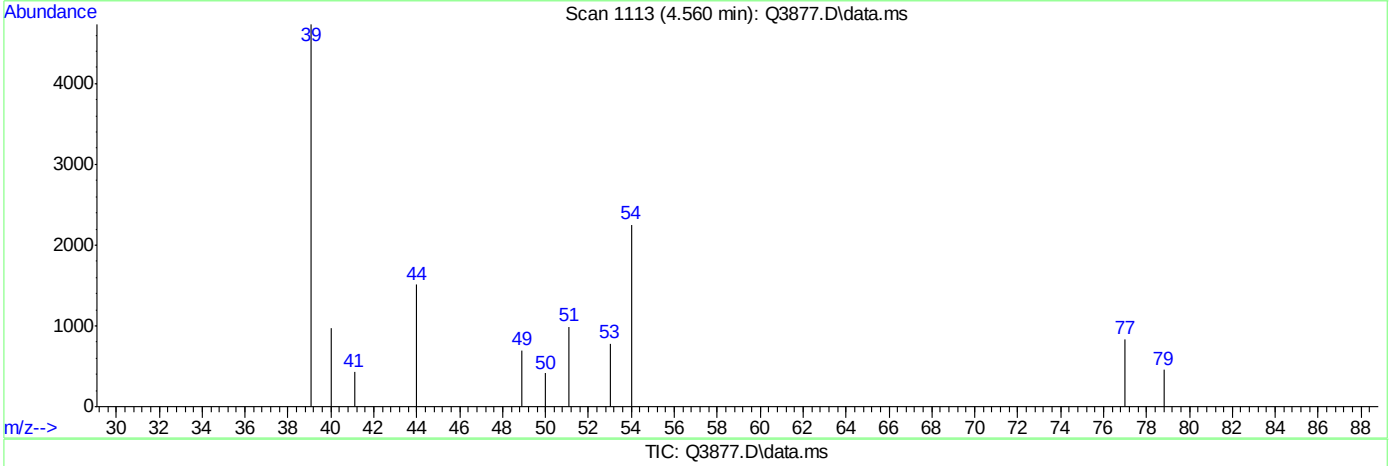
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(7) 1,3-BUTADIENE (m)

4.560min (+0.004) 0.50PPBV m

response 8780

Ion	Exp%	Act%
39.00	100	100
54.00	111.20	0.00#
53.00	75.80	0.00#
0.00	0.00	0.00

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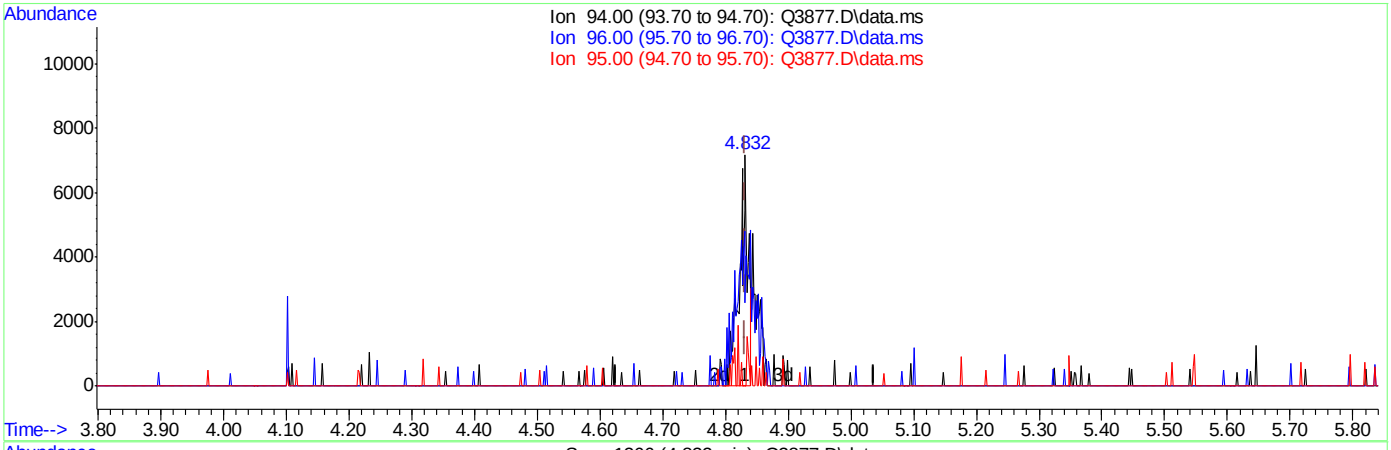
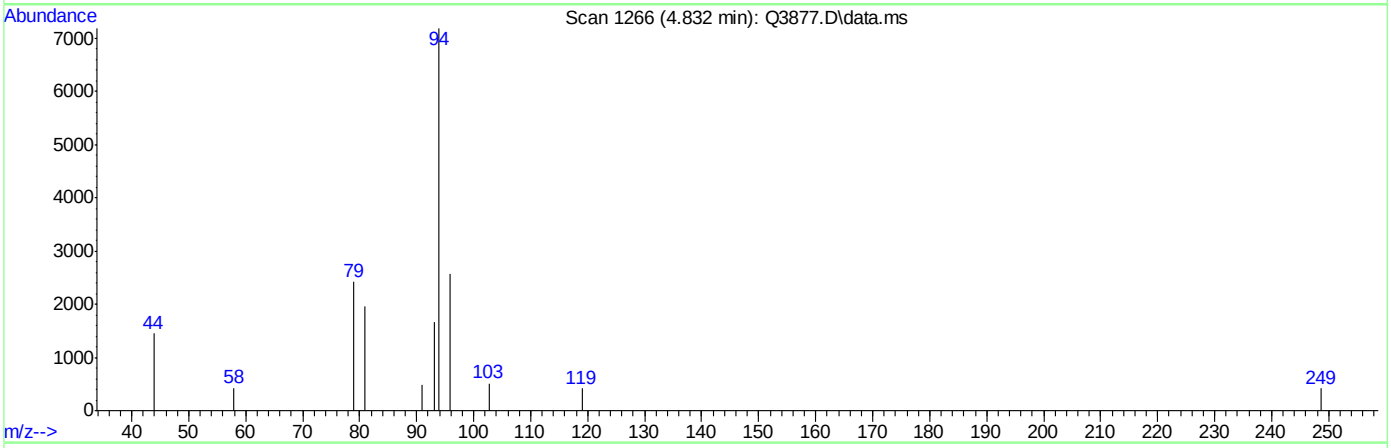
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(8) BROMOMETHANE (m)

4.832min (-0.000) 0.34PPBV

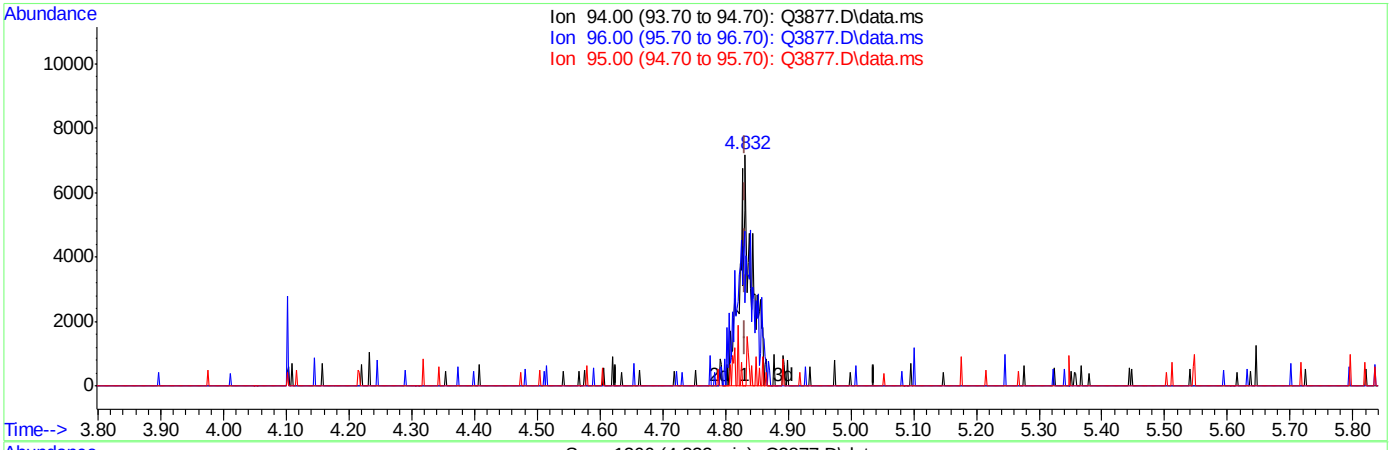
response 7262

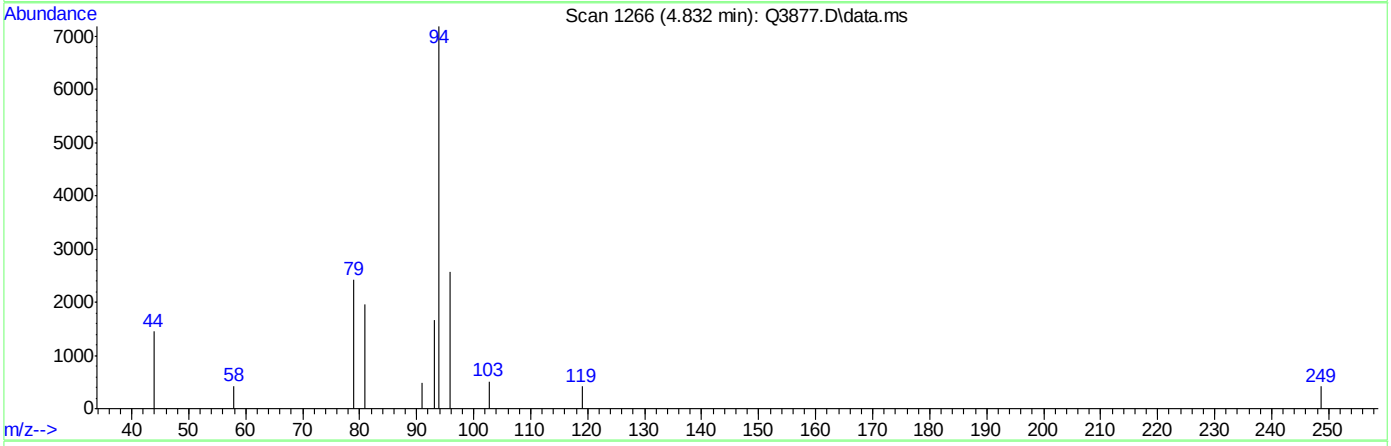
Ion	Exp%	Act%
94.00	100	100
96.00	93.00	0.00#
95.00	13.50	5.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(8) BROMOMETHANE (m)

4.832min (-0.000) 0.49PPBV m

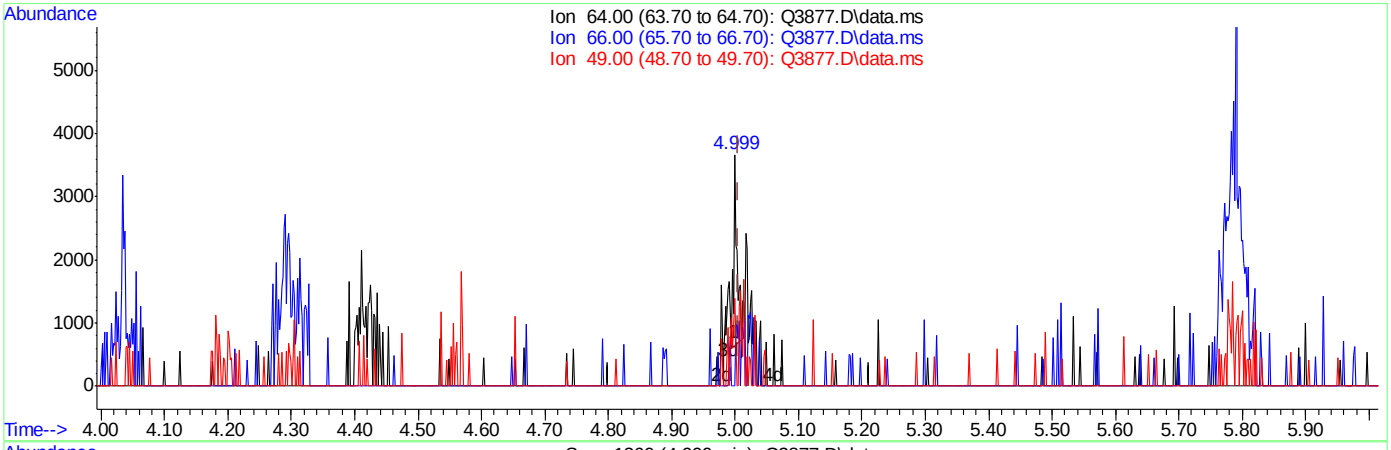
response 10526

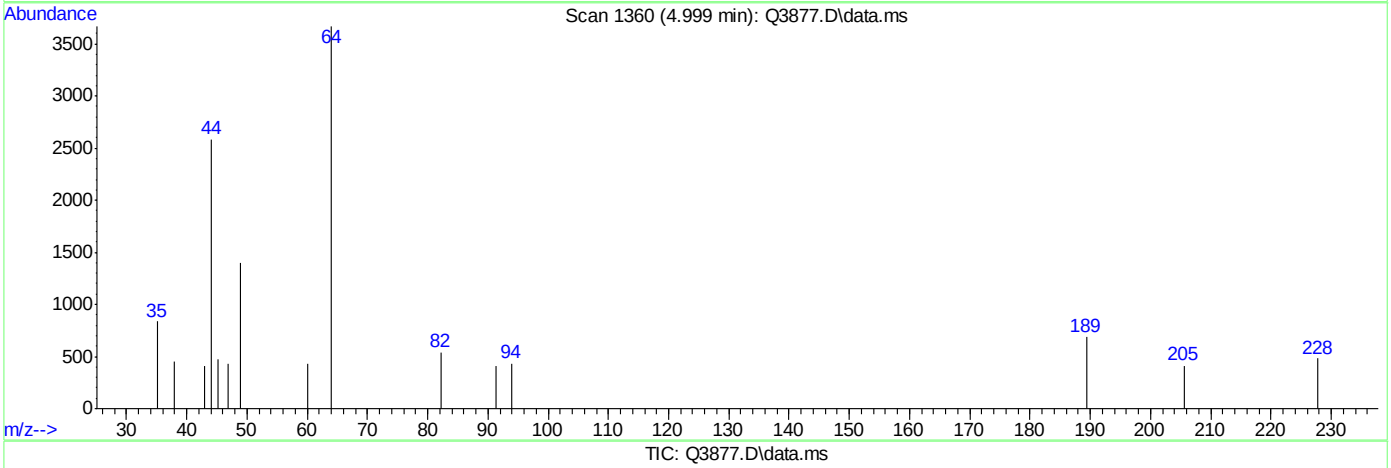
Ion	Exp%	Act%
94.00	100	100
96.00	93.00	0.00#
95.00	13.50	3.88
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(9) CHLOROETHANE (m)

4.999min (-0.007) 0.12PPBV

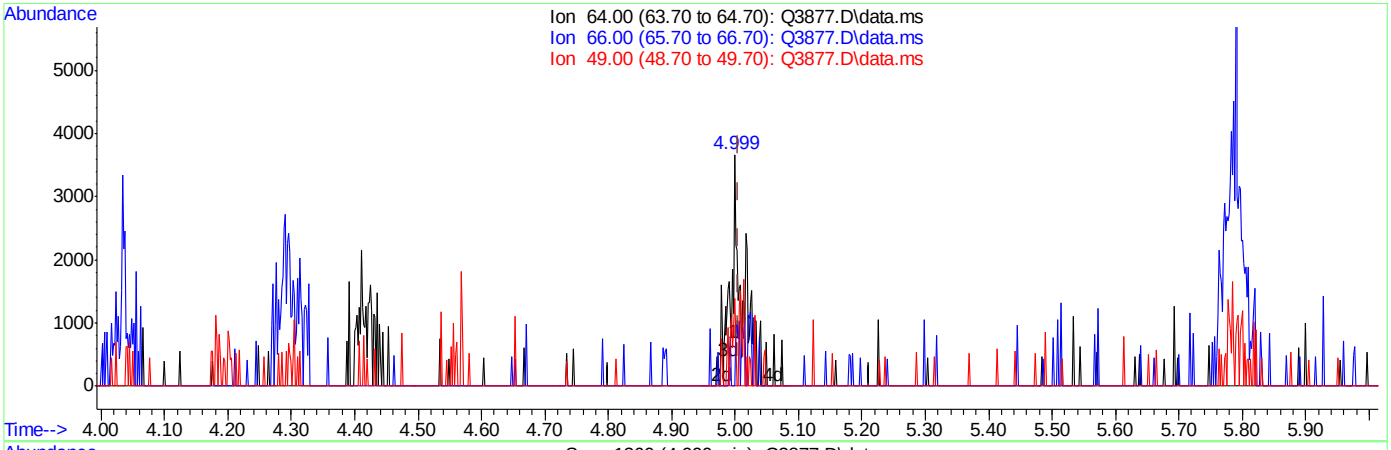
response 1213

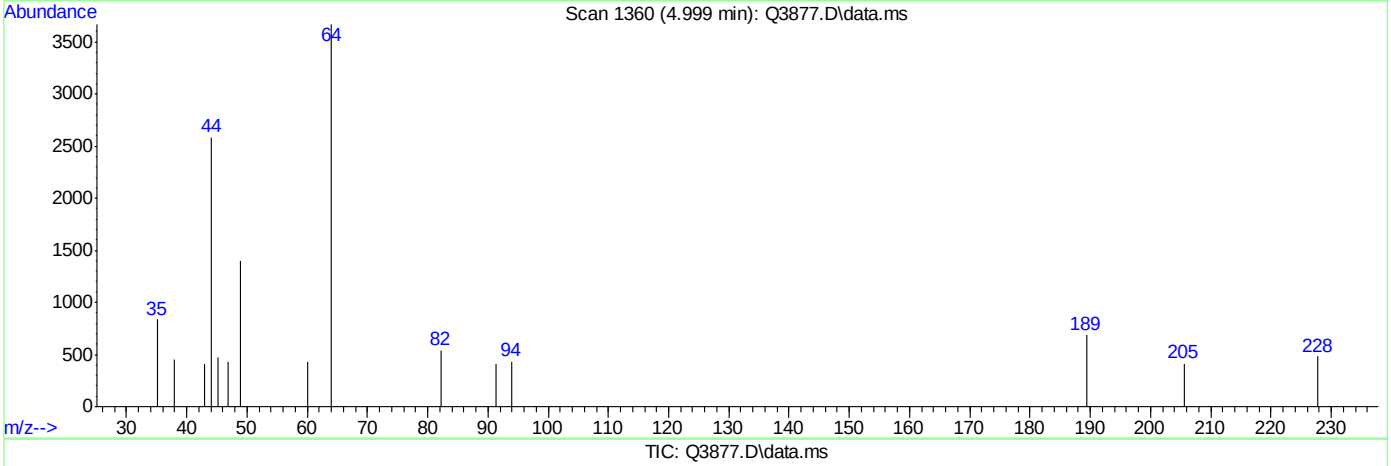
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	32.48
49.00	36.50	48.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(9) CHLOROETHANE (m)

4.999min (-0.007) 0.50PPBV m

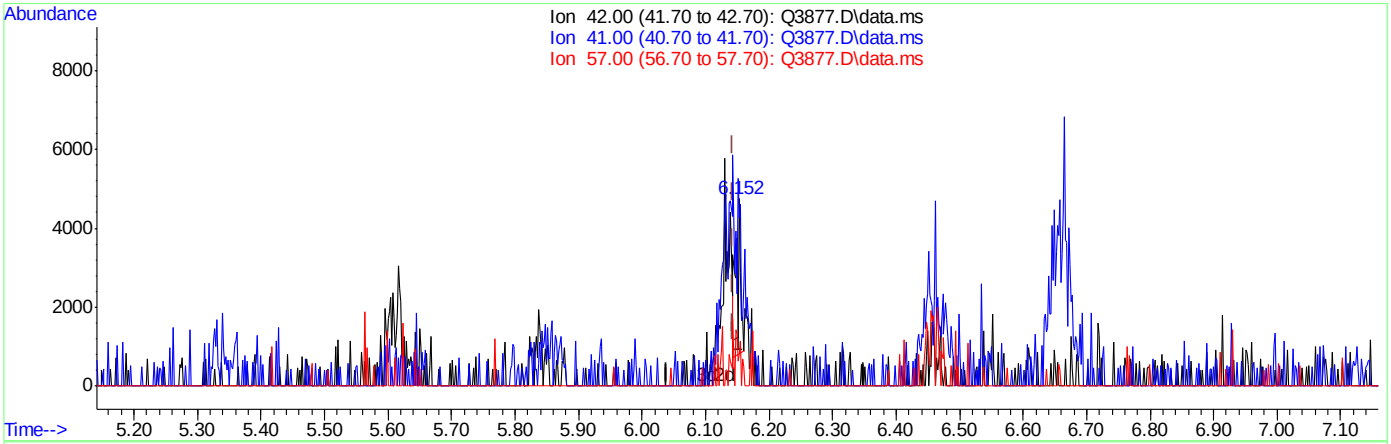
response 4922

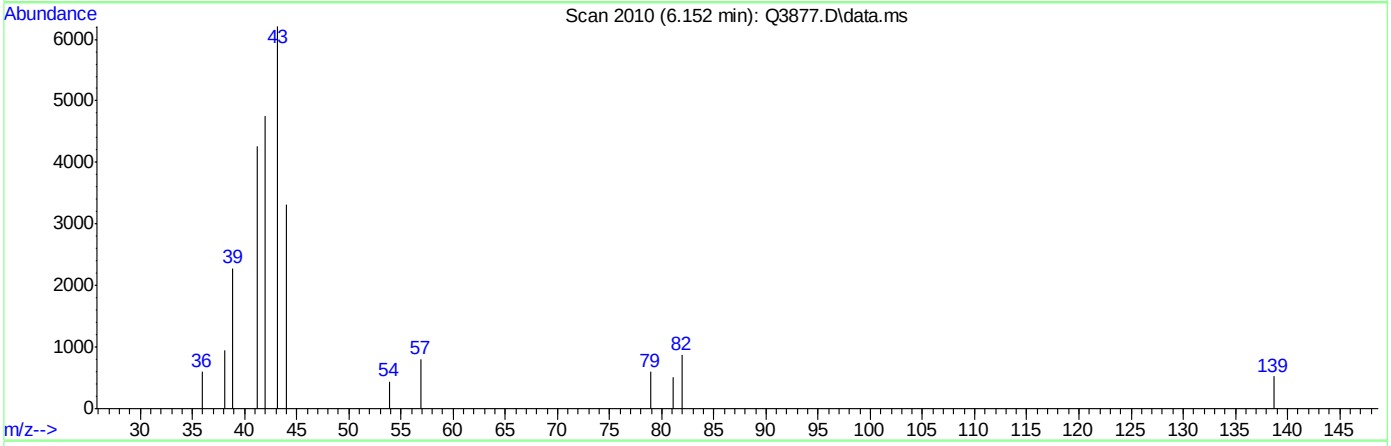
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	8.00#
49.00	36.50	11.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(13) PENTANE (m)

6.152min (+0.009) 0.11PPBV

response 1896

Ion	Exp%	Act%
42.00	100	100
41.00	94.80	366.77#
57.00	28.90	36.71
0.00	0.00	0.00

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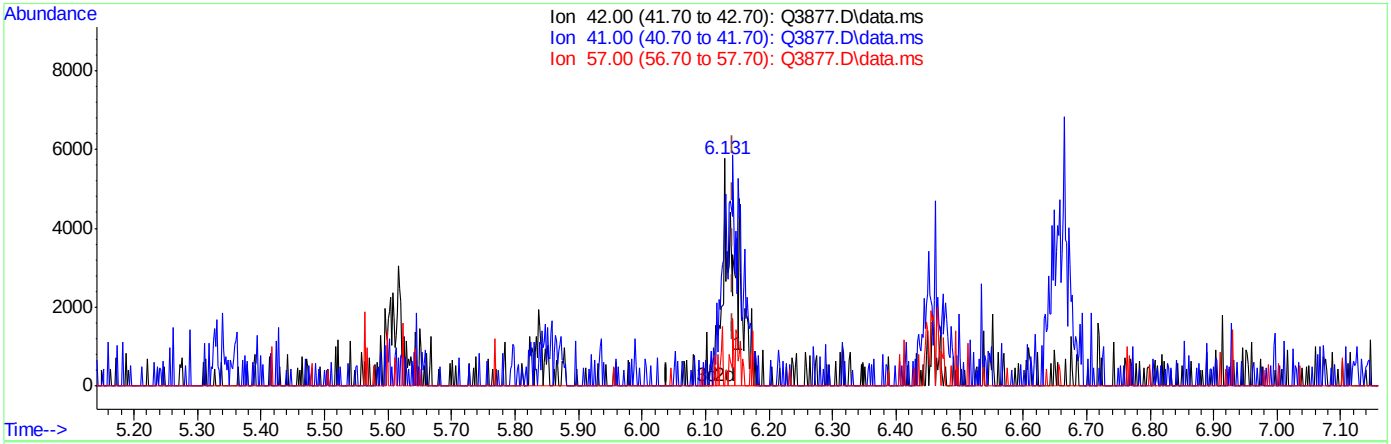
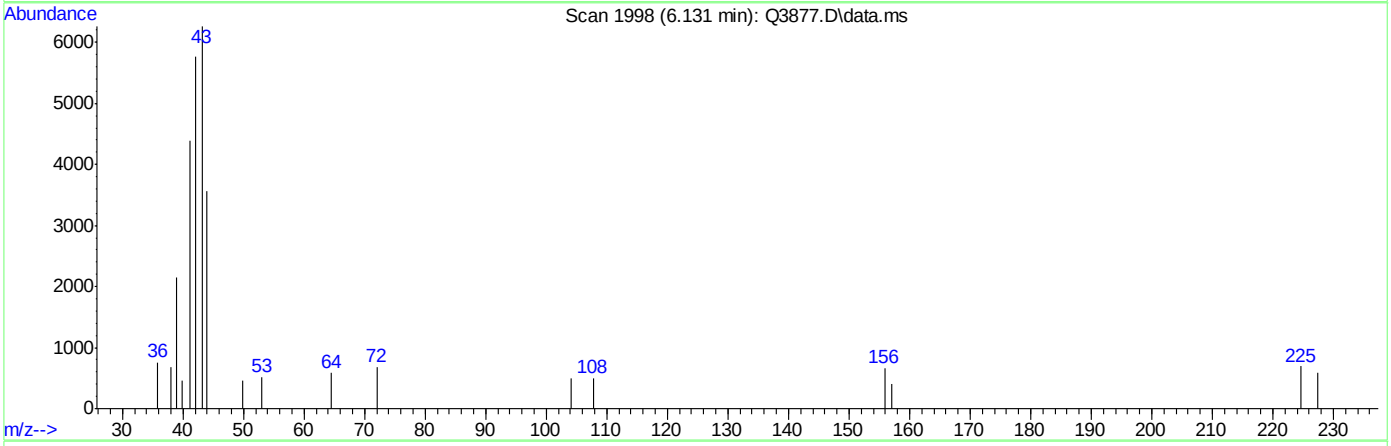
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(13) PENTANE (m)

6.131min (-0.012) 0.50PPBV m

response 8490

Ion	Exp%	Act%
42.00	100	100
41.00	94.80	81.91
57.00	28.90	8.20#
0.00	0.00	0.00

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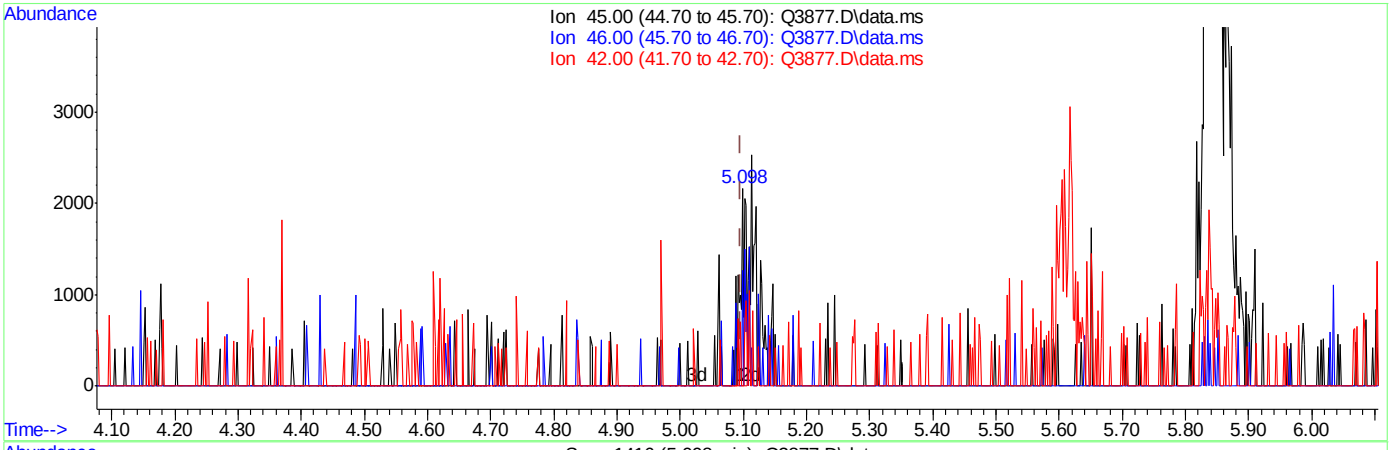
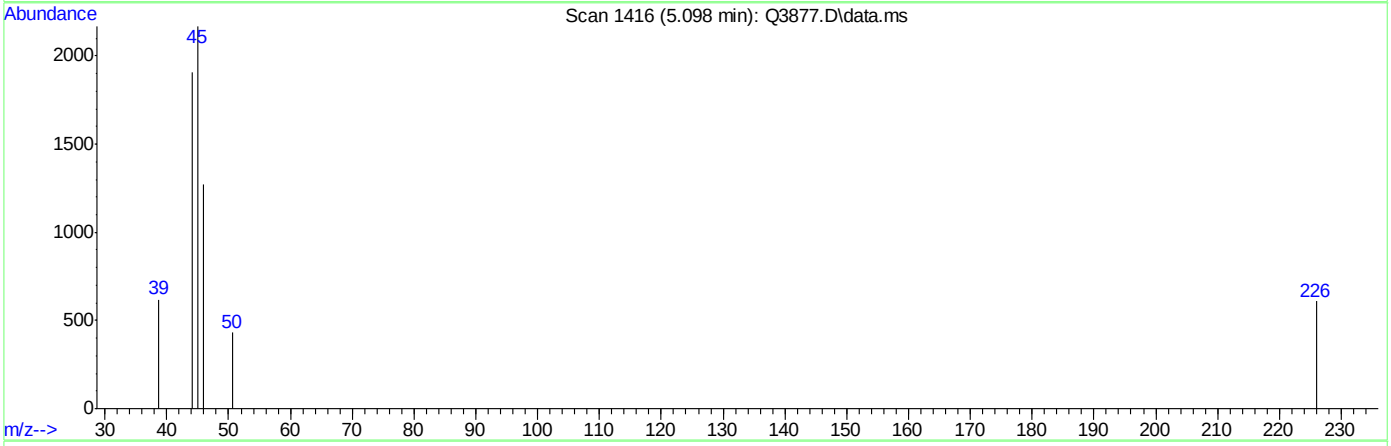
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(16) ETHANOL (m)

5.098min (+0.002) 0.25PPBV

response 1406

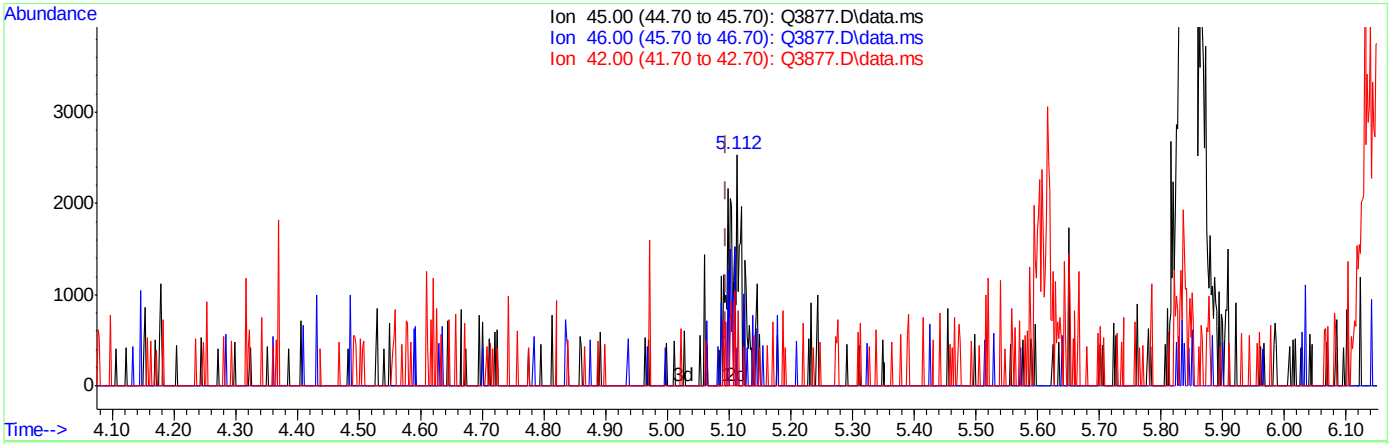
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	17.50
42.00	8.40	10.88
0.00	0.00	0.00

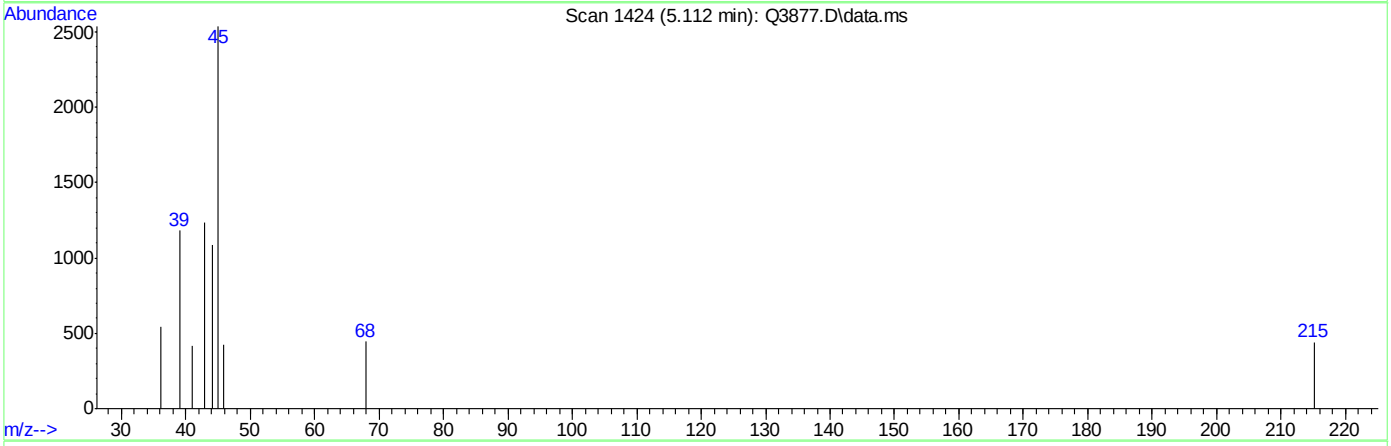
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(16) ETHANOL (m)

5.112min (+0.016) 0.65PPBV m

response 3645

Ion	Exp%	Act%
45.00	100	100
46.00	34.70	6.75#
42.00	8.40	4.20
0.00	0.00	0.00

Quantitation Report (Qedit)

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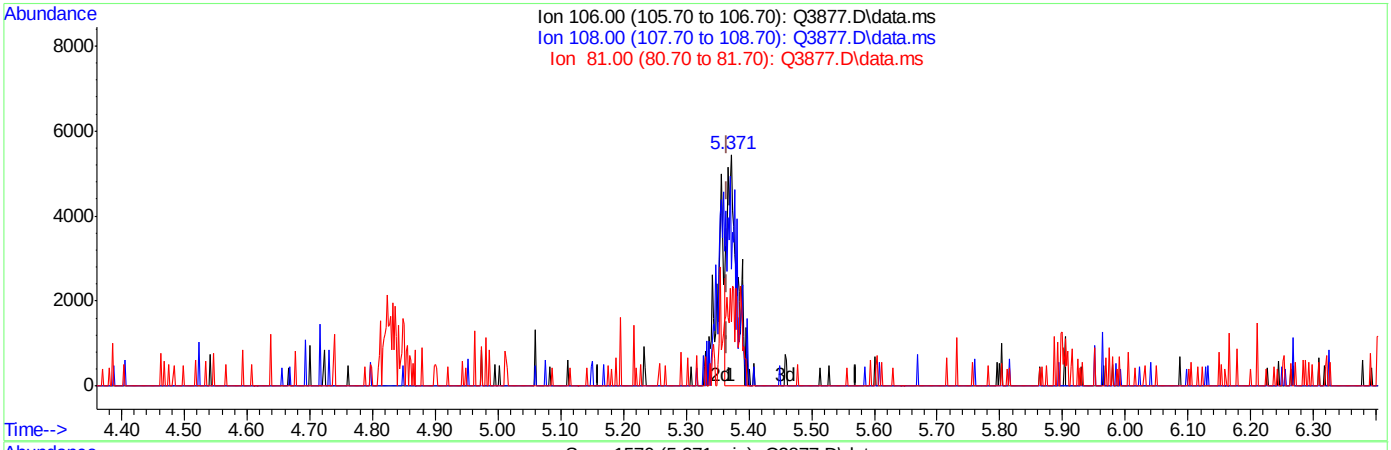

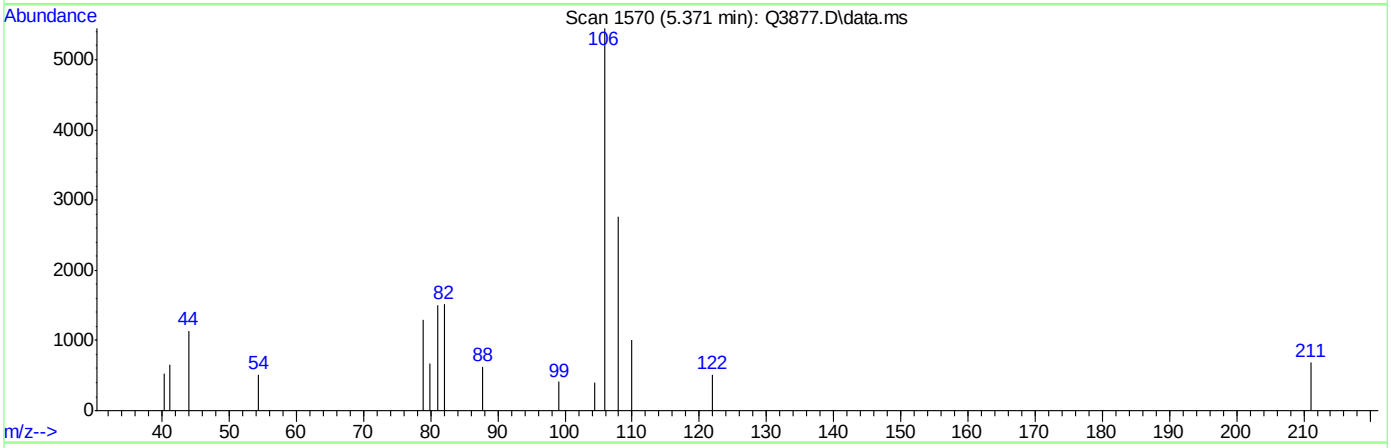

TIC: Q3877.D\data.ms

(17) BROMOETHENE (m)

5.371min (+0.005) 0.31PPBV

response 6336

Ion	Exp%	Act%
106.00	100	100
108.00	94.00	71.80#
81.00	16.80	11.47#
0.00	0.00	0.00

ACCUTEST Laboratories M65924

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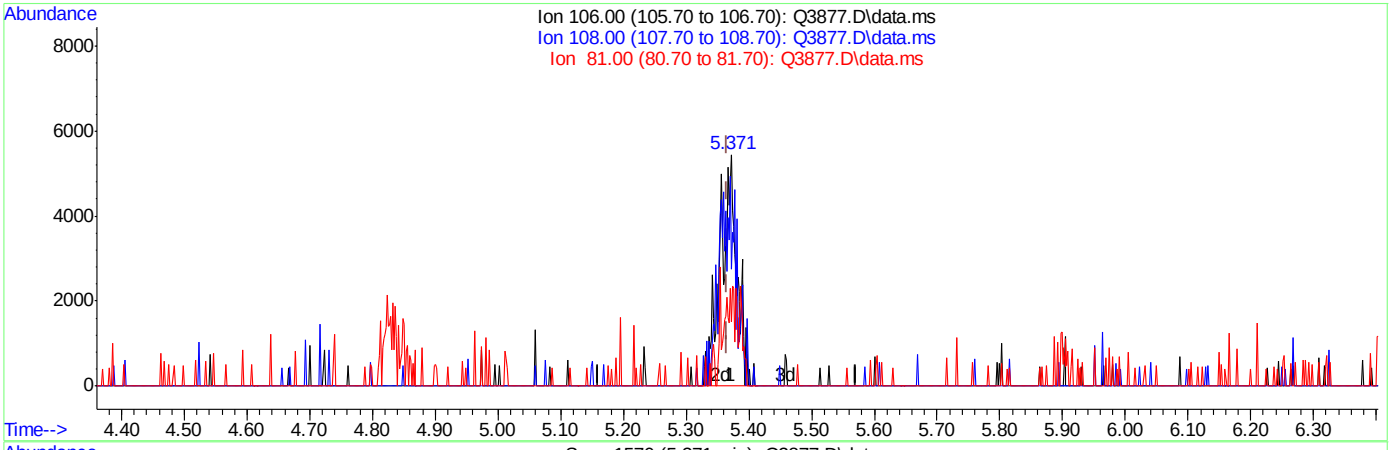

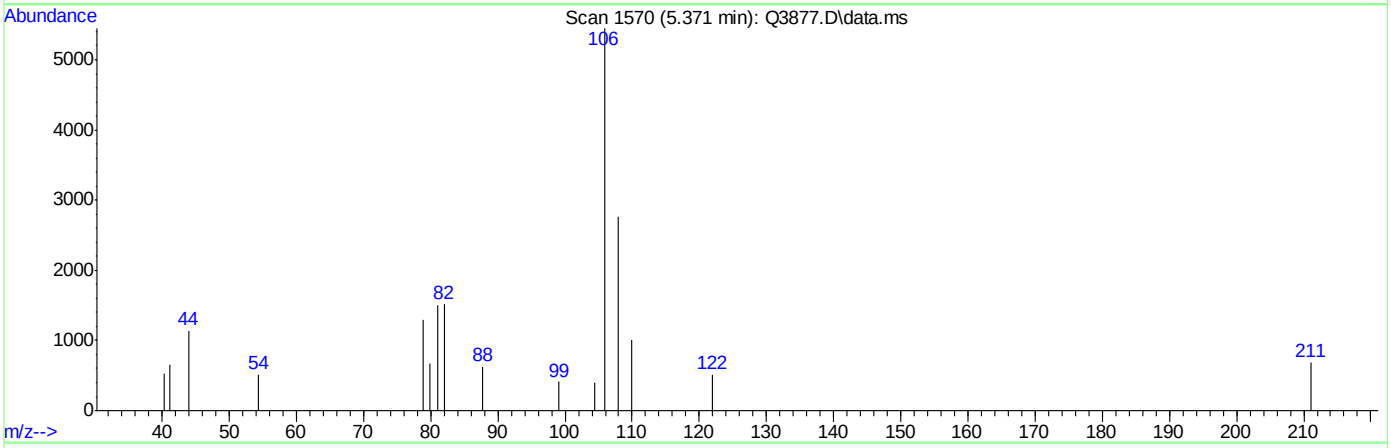

TIC: Q3877.D\data.ms

(17) BROMOETHENE (m)

5.371min (+0.005) 0.50PPBV m

response 10092

Ion	Exp%	Act%
106.00	100	100
108.00	94.00	45.08#
81.00	16.80	7.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : PhilipB
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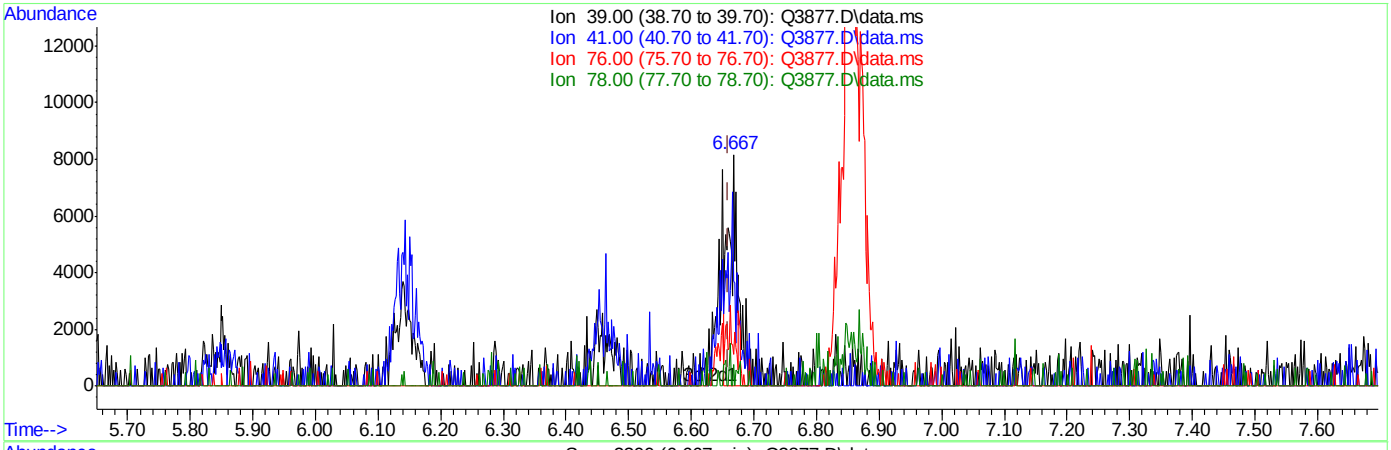

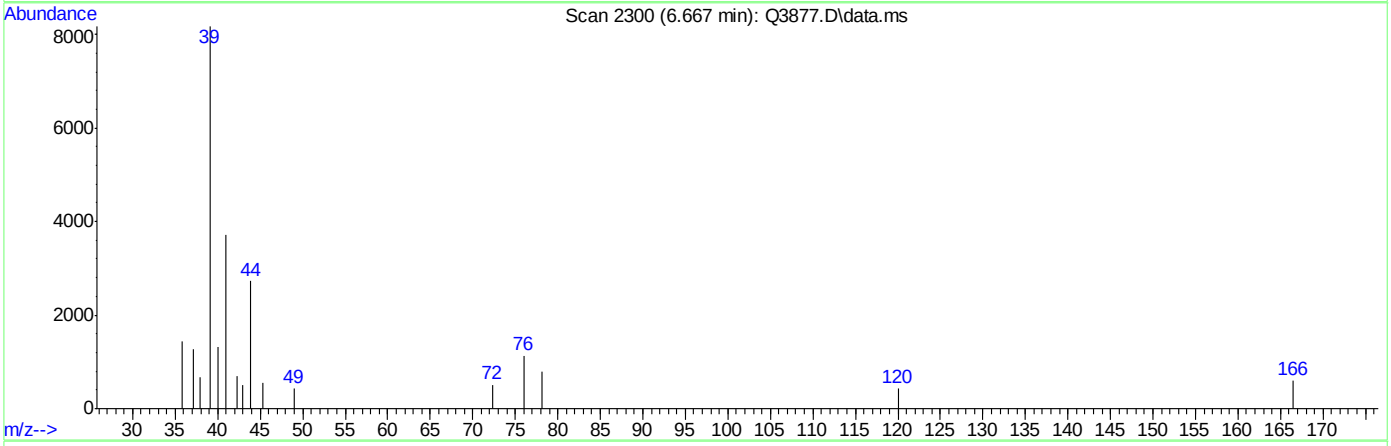

TIC: Q3877.D\data.ms

(19) 3-CHLOROPROPENE (m)

6.667min (+0.007) 0.34PPBV

response 9154

Ion	Exp%	Act%
39.00	100	100
41.00	130.80	100.48#
76.00	38.00	31.13
78.00	12.20	4.05

Quantitation Report (Qedit)

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Data File : Q3877.D
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Operator : PhilipB
Sample : IC208-.5 (M189)
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ALS Vial : 2 Sample Multiplier: 1

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Quant Method : C:\msdchem\1\METHODS\Q062707T.m
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QLast Update : Mon Jul 02 18:29:12 2007
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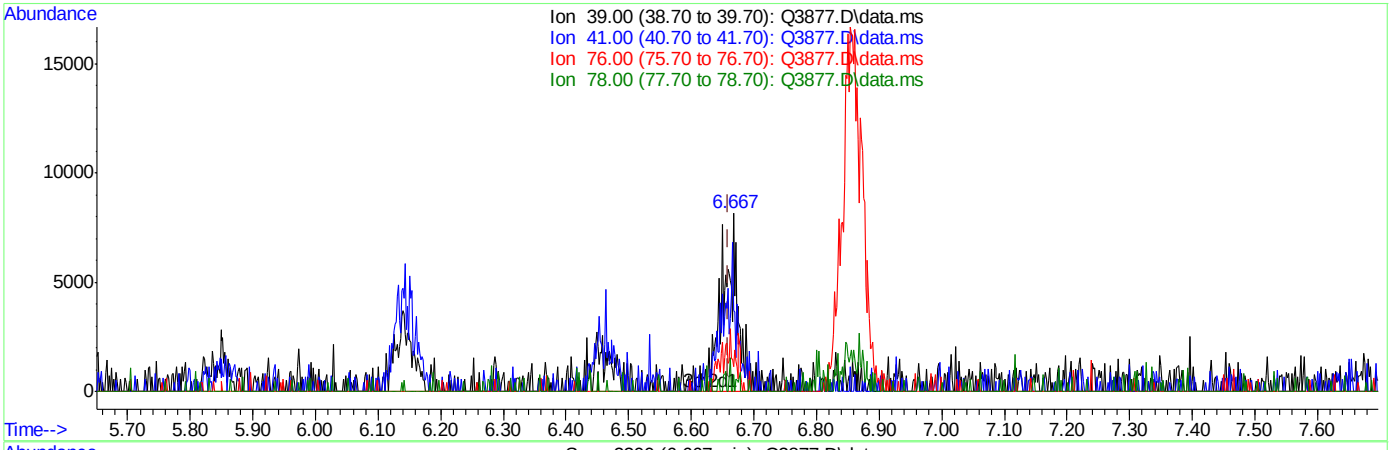

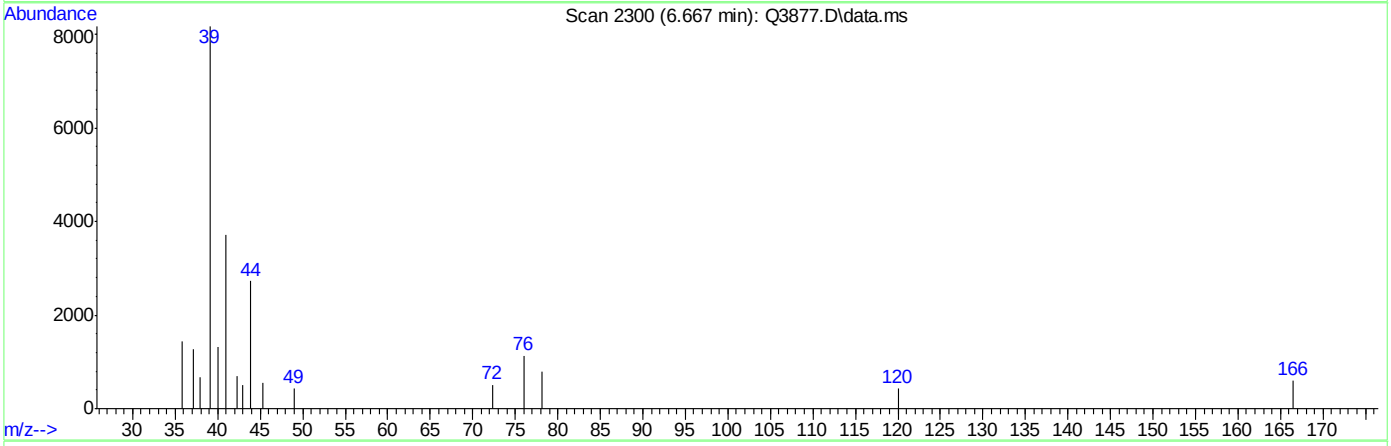

TIC: Q3877.D\data.ms

(19) 3-CHLOROPROPENE (m)

6.667min (+0.007) 0.50PPBV m

response 13441

Ion	Exp%	Act%
39.00	100	100
41.00	130.80	68.43#
76.00	38.00	21.20
78.00	12.20	2.76

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

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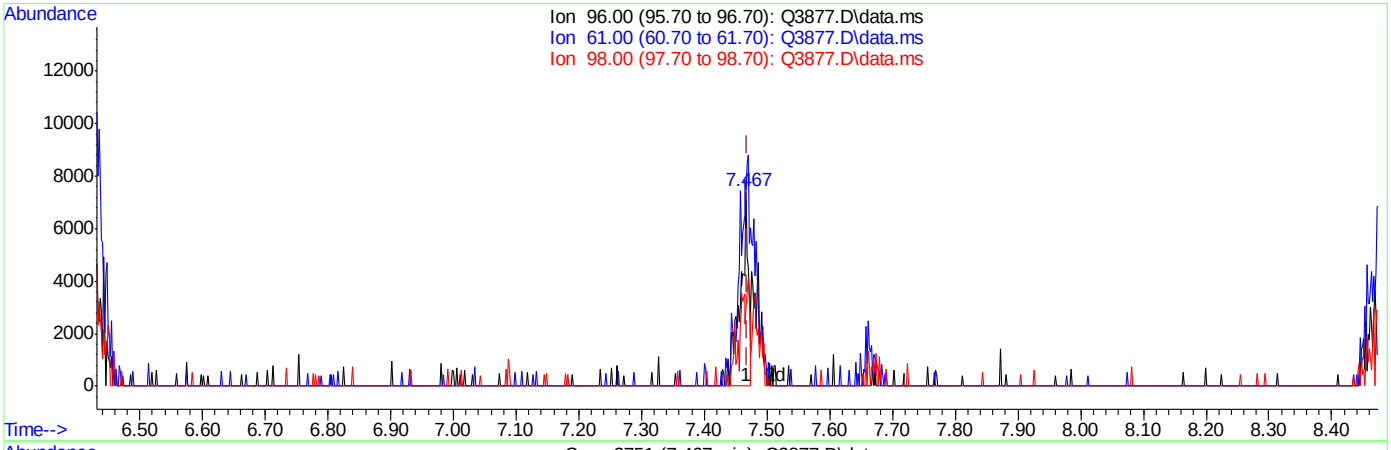

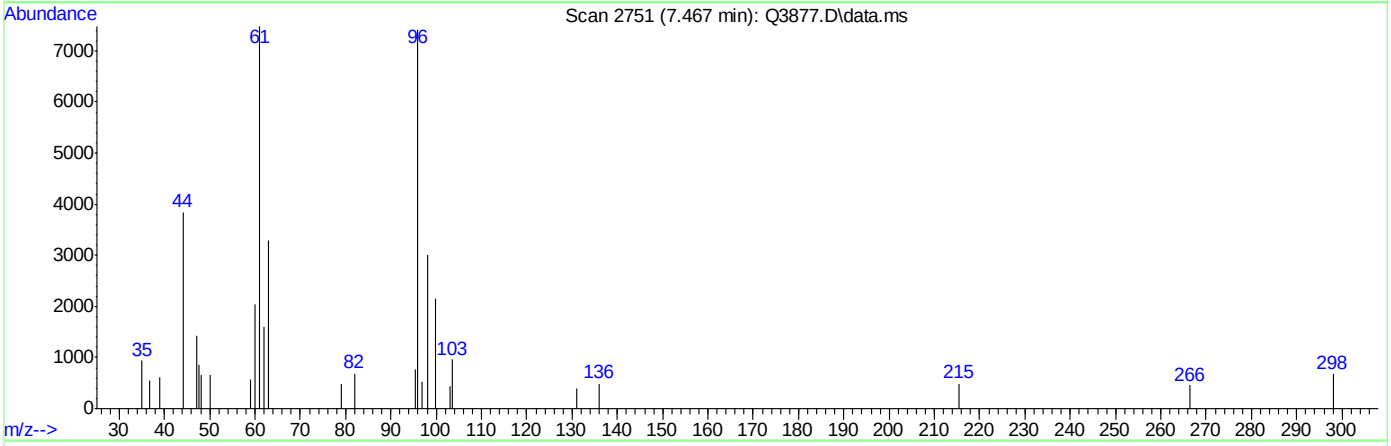

TIC: Q3877.D\data.ms

(21) TRANS-1,2-DICHLOROETHYLENE (m)

7.467min (-0.002) 0.32PPBV

response 7204

Ion	Exp%	Act%
96.00	100	100
61.00	181.00	215.13#
98.00	63.30	63.59
0.00	0.00	0.00

ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

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Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 2007
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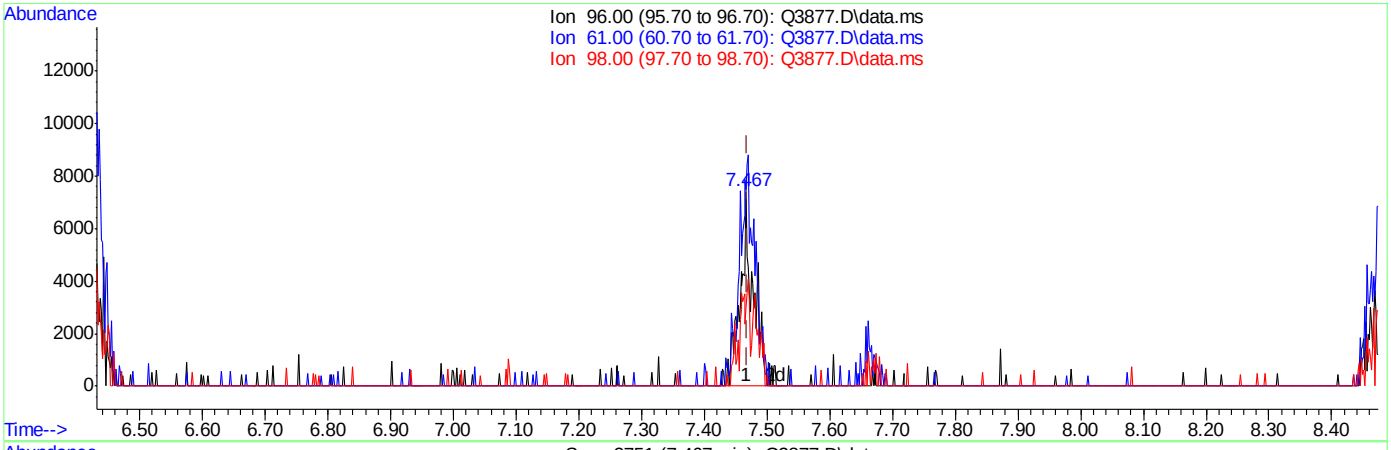
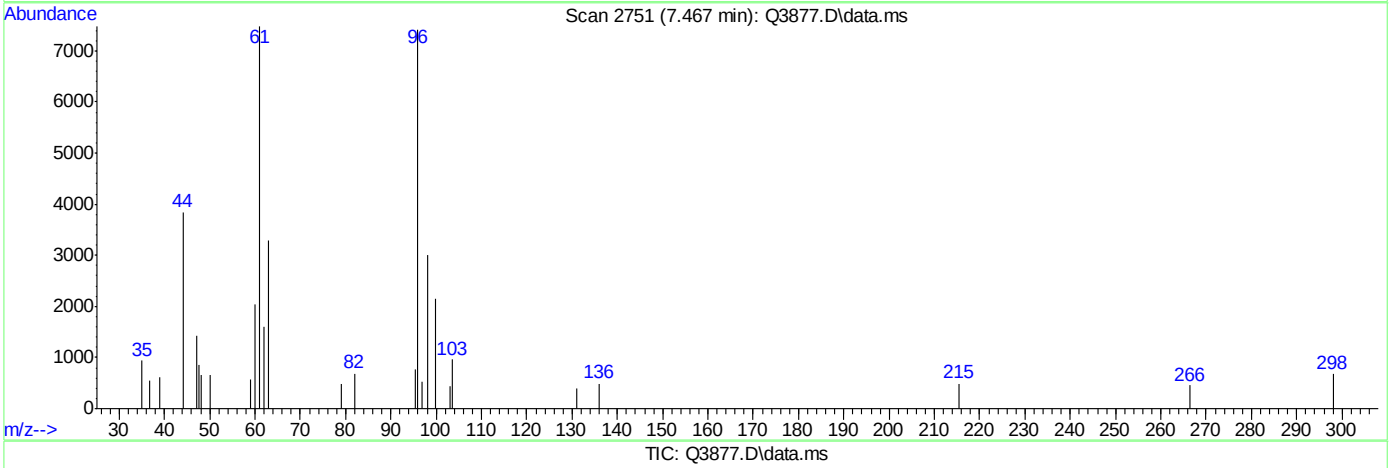
QLast Update : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(21) TRANS-1,2-DICHLOROETHYLENE (m)

7.467min (-0.002) 0.50PPBV m

response 11377

Ion	Exp%	Act%
96.00	100	100
61.00	181.00	136.22#
98.00	63.30	40.27#
0.00	0.00	0.00

ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

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Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

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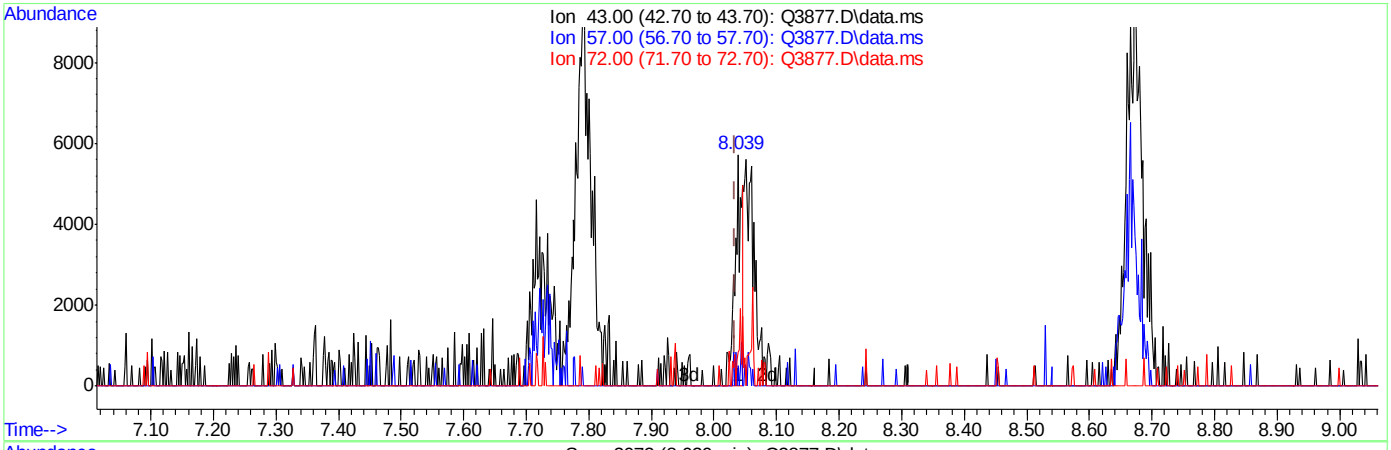

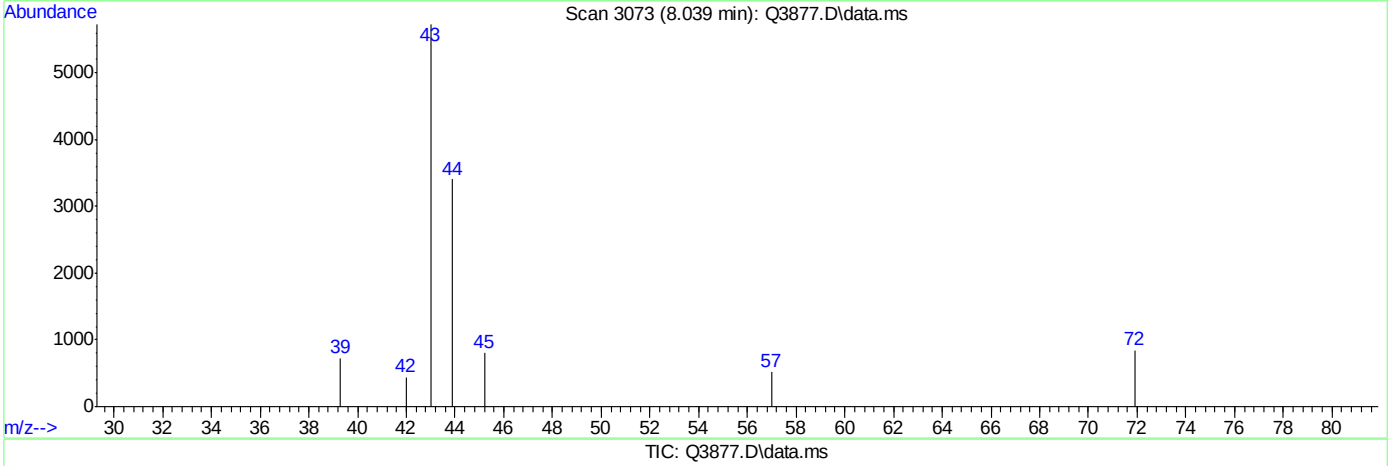

TIC: Q3877.D\data.ms

(28) METHYL ETHYL KETONE (m)

8.039min (+0.005) 0.20PPBV

response 4288

Ion	Exp%	Act%
43.00	100	100
57.00	7.70	9.05
72.00	14.60	14.72
0.00	0.00	0.00

ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
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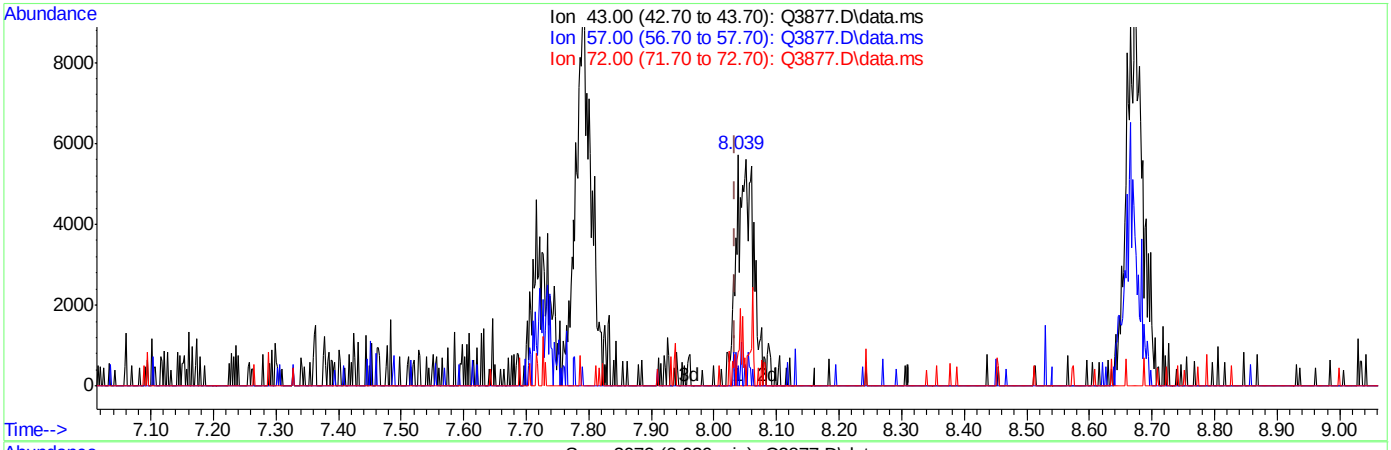
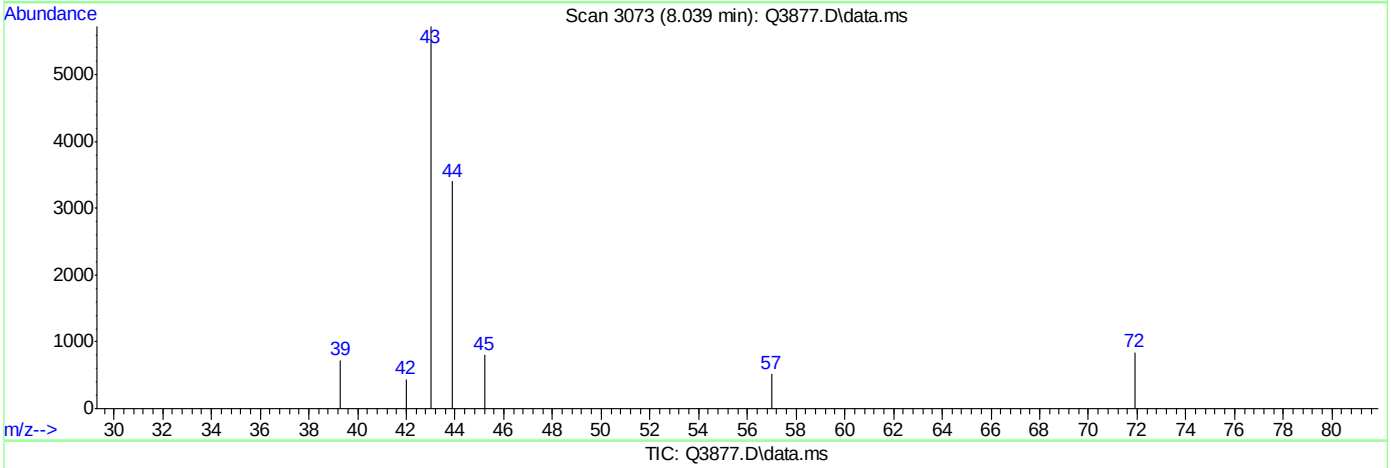




TIC: Q3877.D\data.ms

(28) METHYL ETHYL KETONE (m)

8.039min (+0.005) 0.52PPBV m

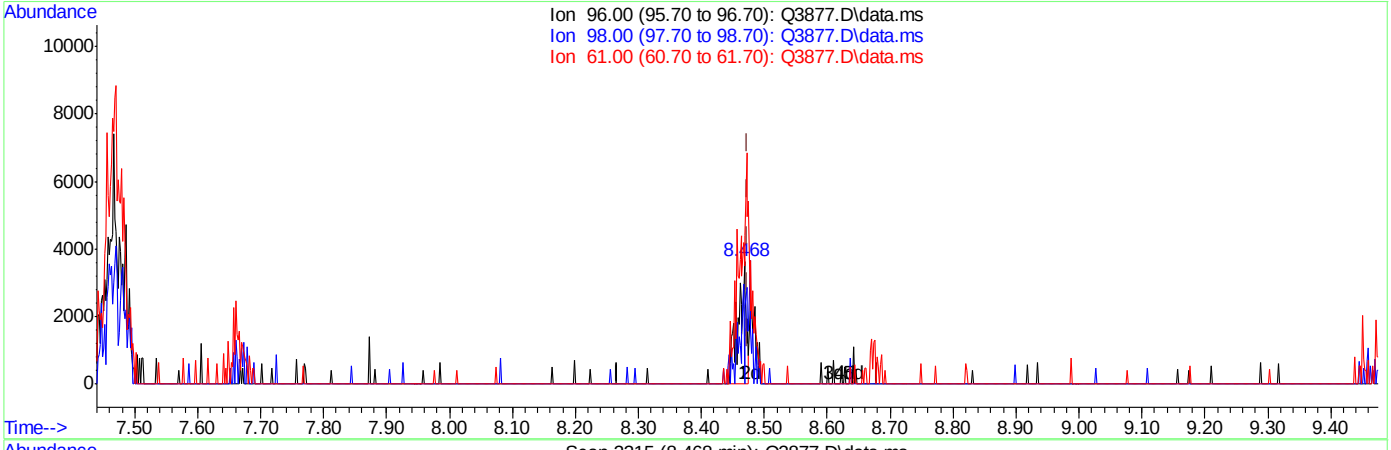
response 11210

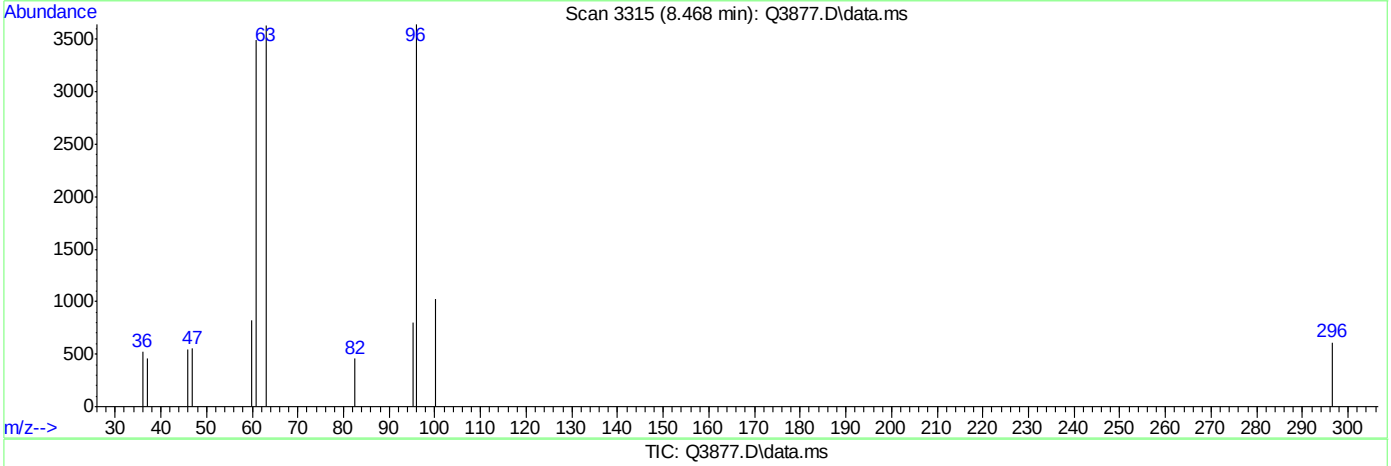
Ion	Exp%	Act%
43.00	100	100
57.00	7.70	9.05
72.00	14.60	14.72
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(29) cis-1,2-DICHLOROETHYLENE (m)

8.468min (-0.005) 0.33PPBV

response 3479

Ion	Exp%	Act%
96.00	100	100
98.00	63.40	0.00#
61.00	186.90	247.97#
0.00	0.00	0.00

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Quantitation Report (Qedit)

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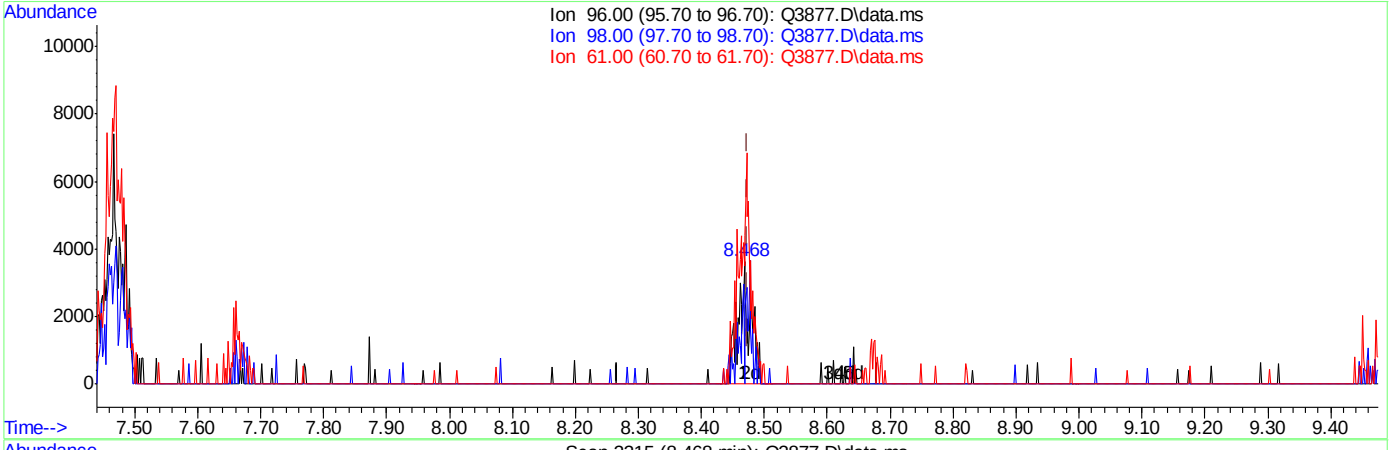

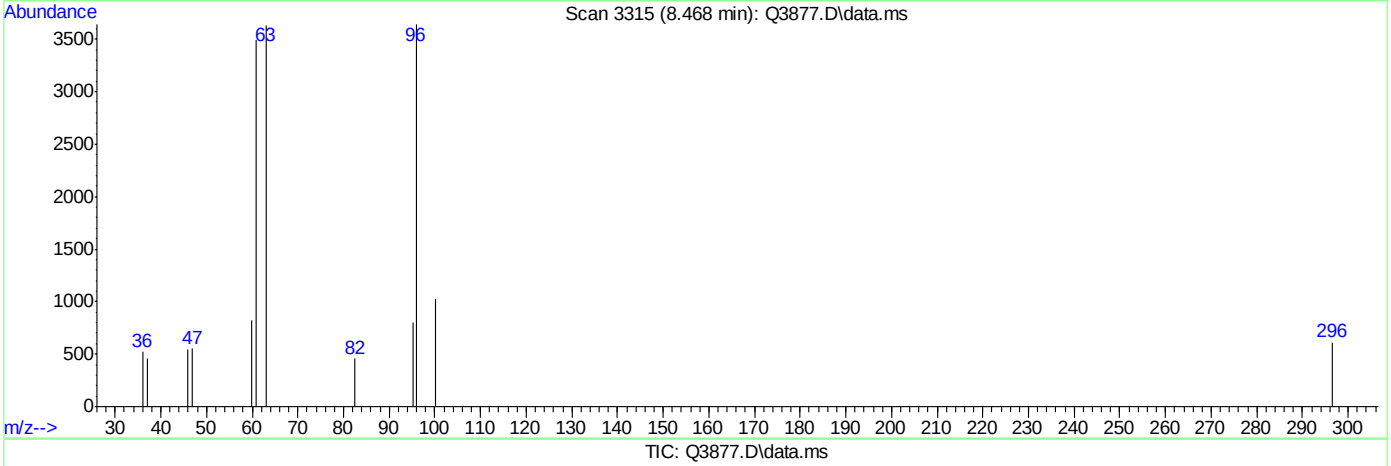

TIC: Q3877.D\data.ms

(29) cis-1,2-DICHLOROETHYLENE (m)

8.468min (-0.005) 0.50PPBV m

response 5232

Ion	Exp%	Act%
96.00	100	100
98.00	63.40	0.00#
61.00	186.90	164.89#
0.00	0.00	0.00

ACCUTEST Laboratories M65924

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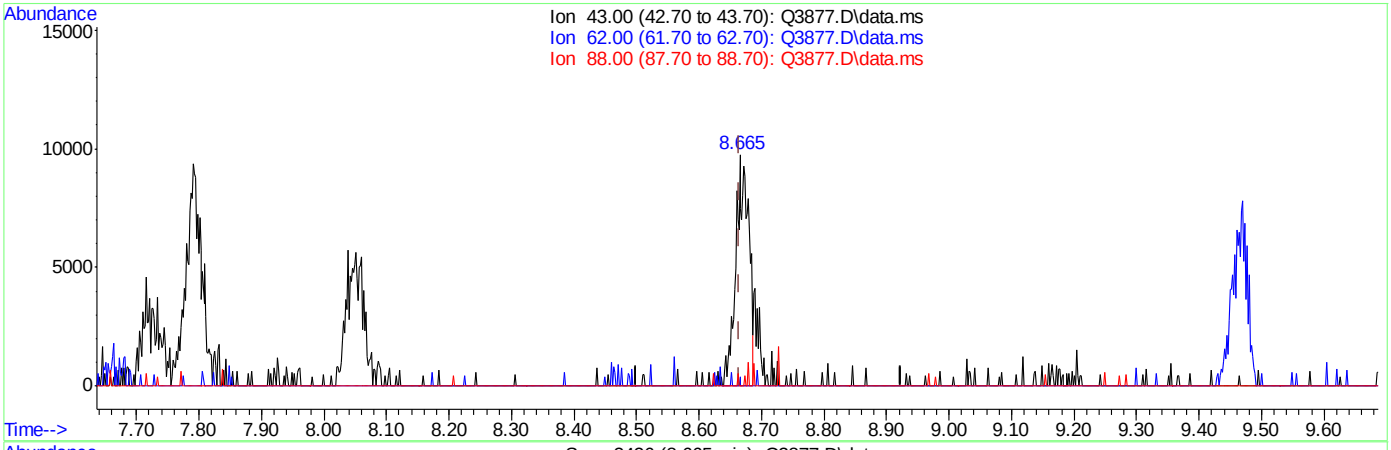

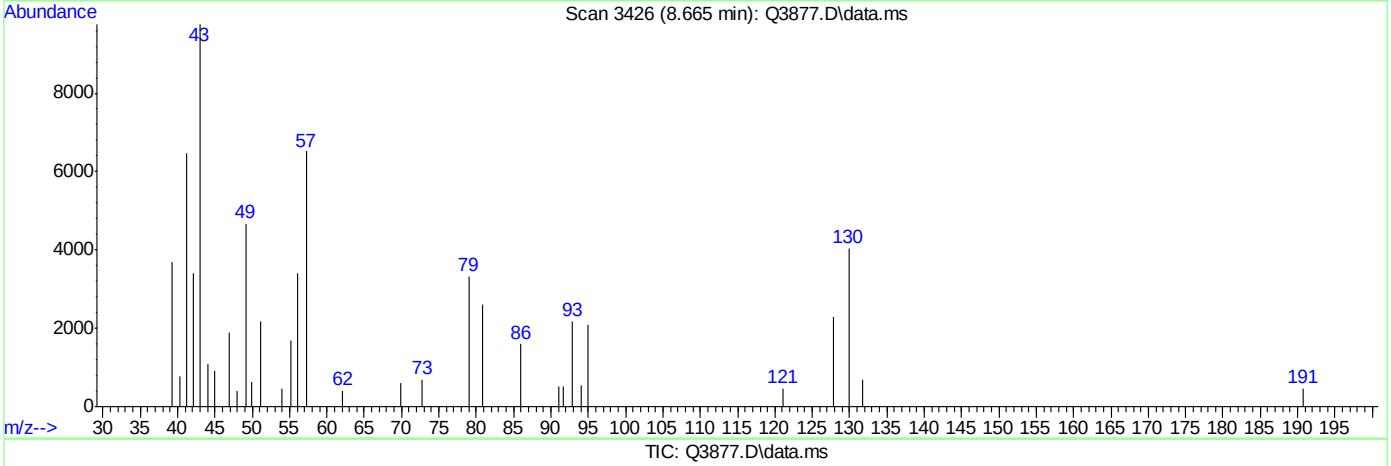

TIC: Q3877.D\data.ms

(30) ETHYL ACETATE (m)

8.665min (-0.000) 0.42PPBV

response 14645

Ion	Exp%	Act%
43.00	100	100
62.00	0.30	0.30
88.00	1.60	0.38
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : PhilipB
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ALS Vial : 2 Sample Multiplier: 1

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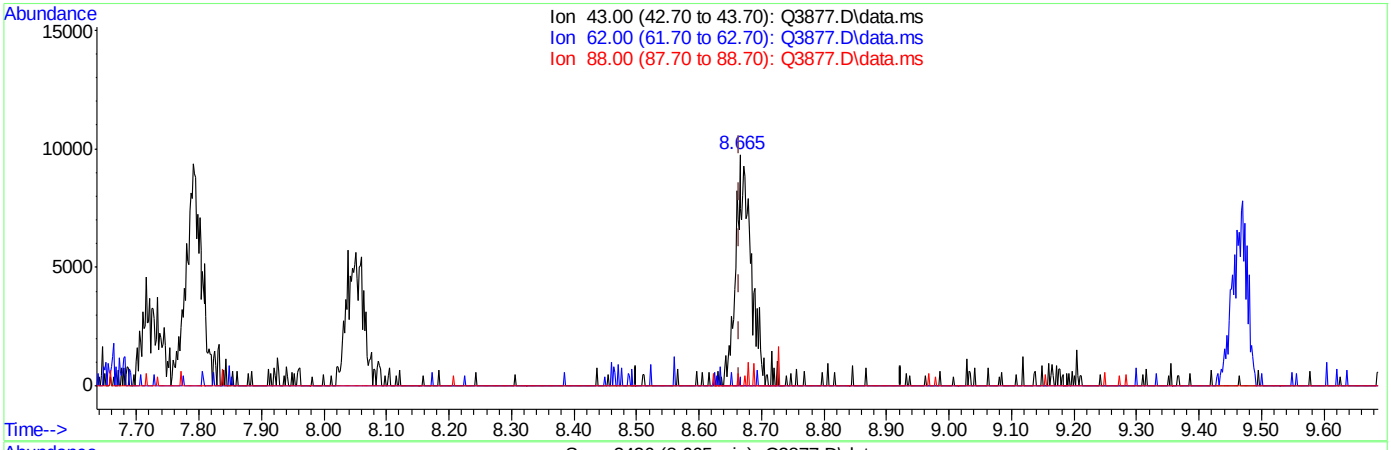

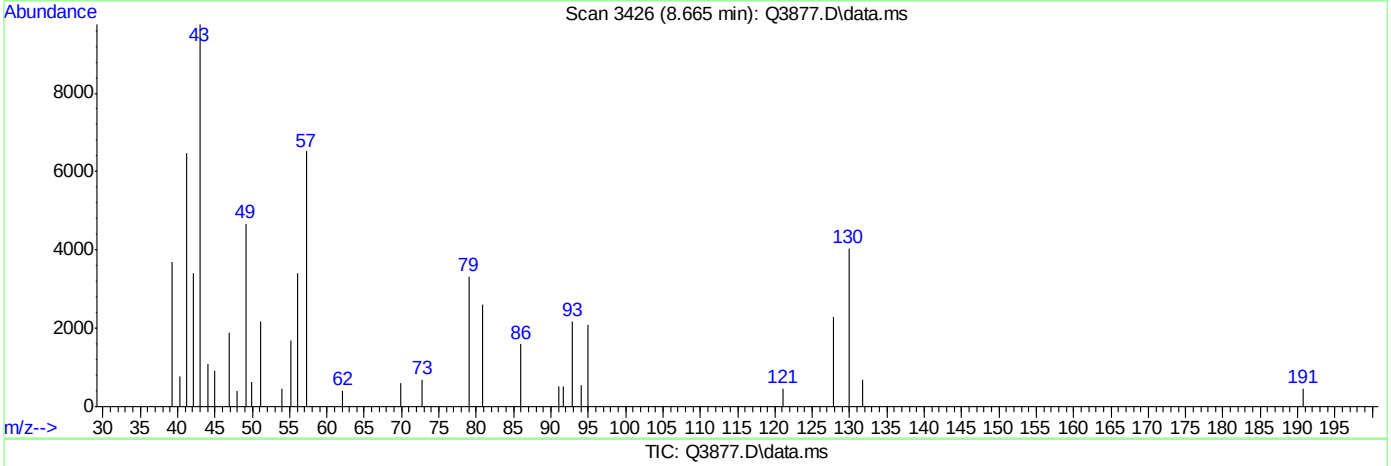

TIC: Q3877.D\data.ms

(30) ETHYL ACETATE (m)

8.665min (-0.000) 0.50PPBV m

response 17552

Ion	Exp%	Act%
43.00	100	100
62.00	0.30	0.25
88.00	1.60	0.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
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Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
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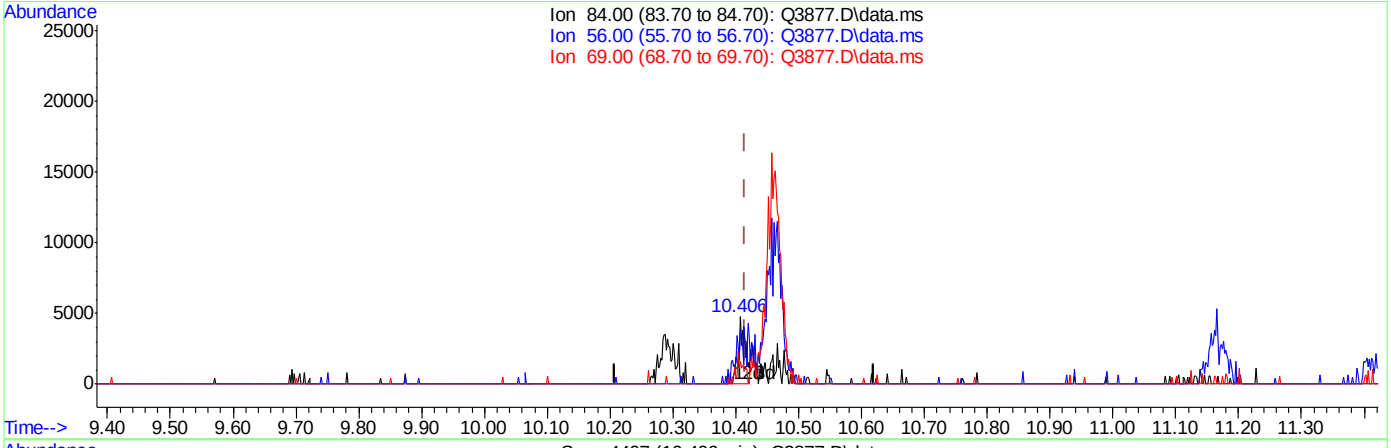

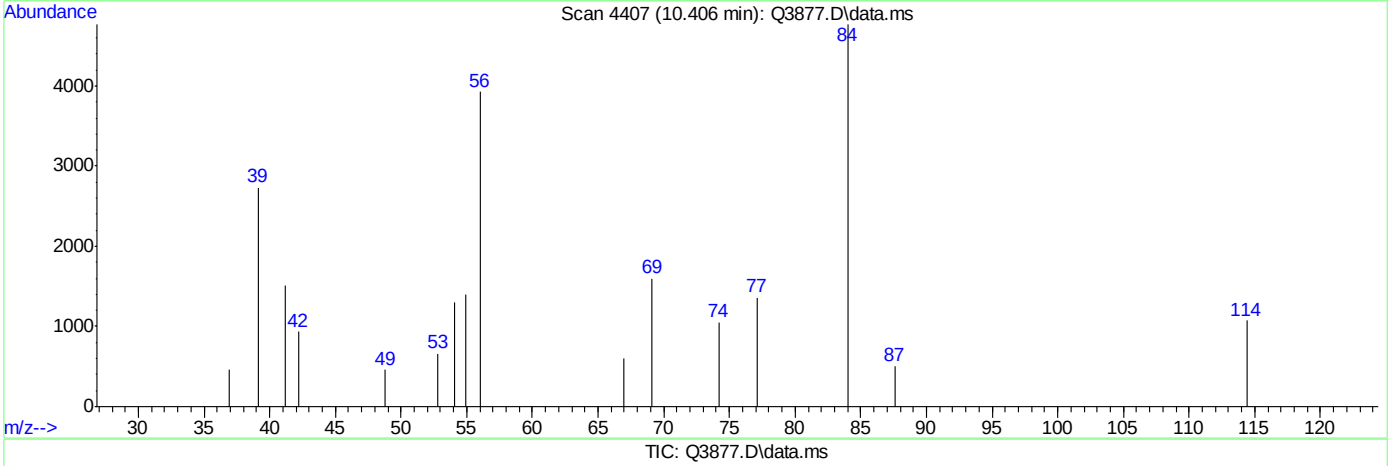

TIC: Q3877.D\data.ms

(37) CYCLOHEXANE (m)

10.406min (-0.009) 0.37PPBV

response 3744

Ion	Exp%	Act%
84.00	100	100
56.00	177.10	82.43#
69.00	37.70	48.77
0.00	0.00	0.00

ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
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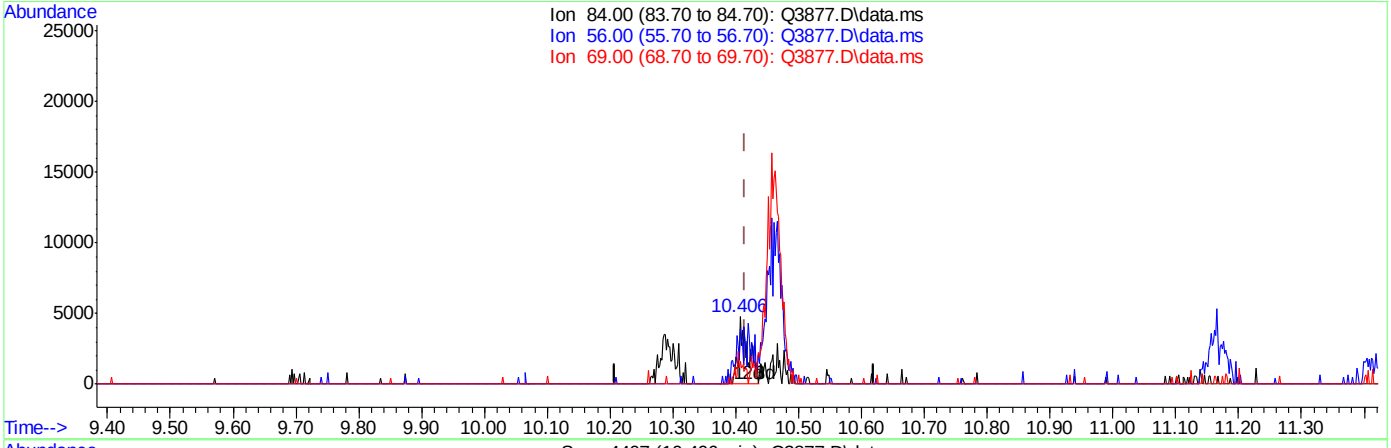

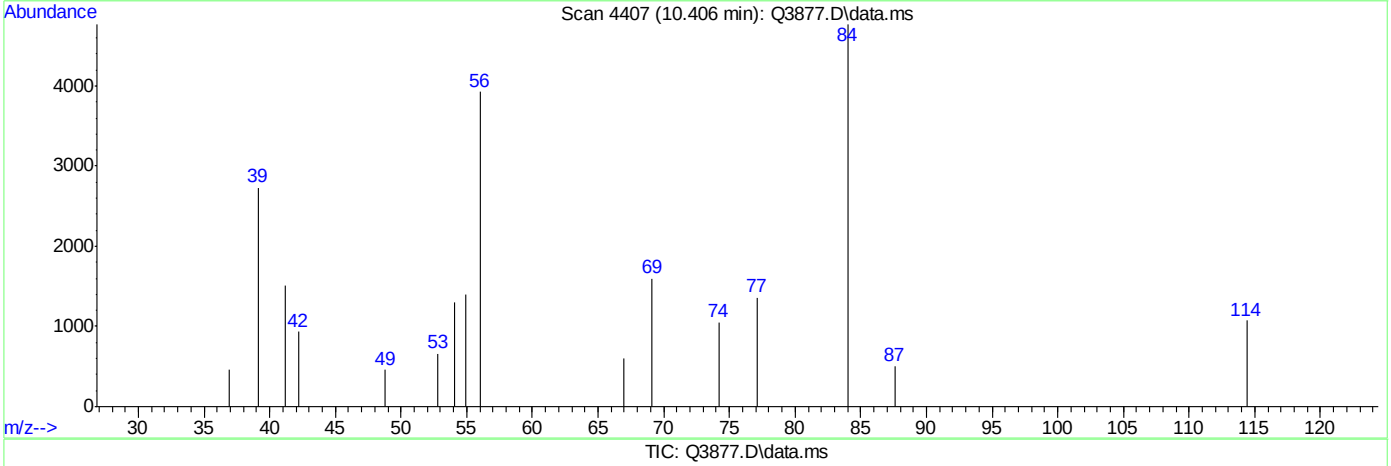

TIC: Q3877.D\data.ms

(37) CYCLOHEXANE (m)

10.406min (-0.009) 0.50PPBV m

response 5102

Ion	Exp%	Act%
84.00	100	100
56.00	177.10	60.49#
69.00	37.70	35.79
0.00	0.00	0.00

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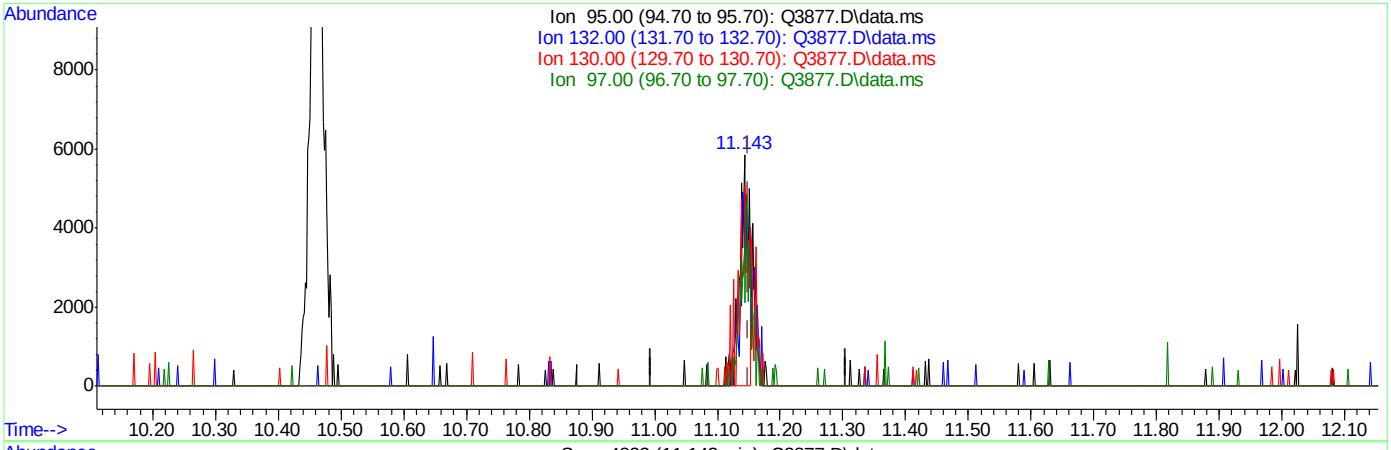
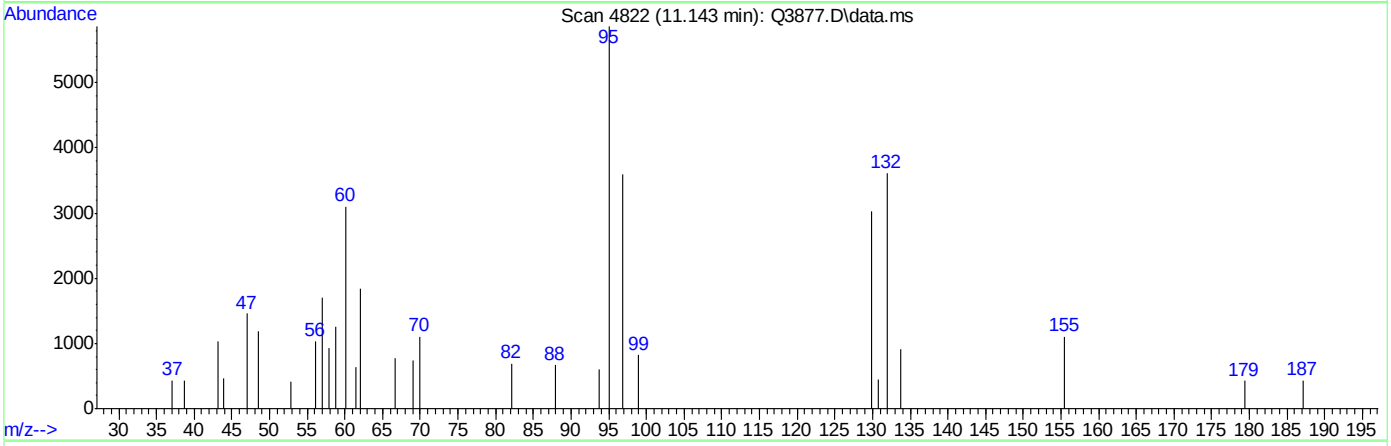
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(38) TRICHLOROETHYLENE (m)

11.143min (-0.007) 0.38PPBV

response 6174

Ion	Exp%	Act%
95.00	100	100
132.00	92.20	104.73
130.00	90.60	110.61#
97.00	64.20	83.71

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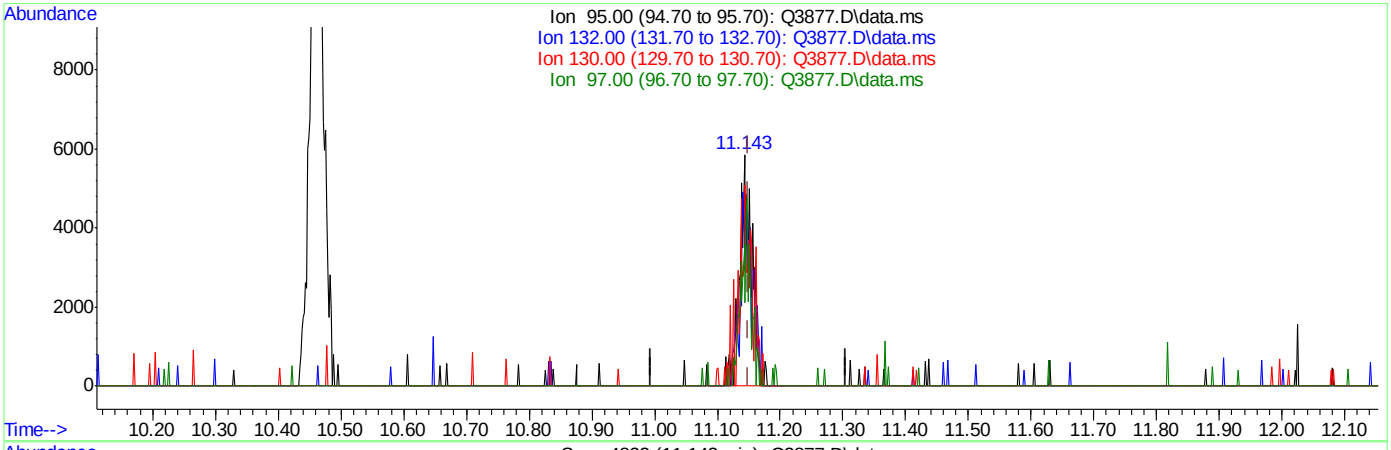
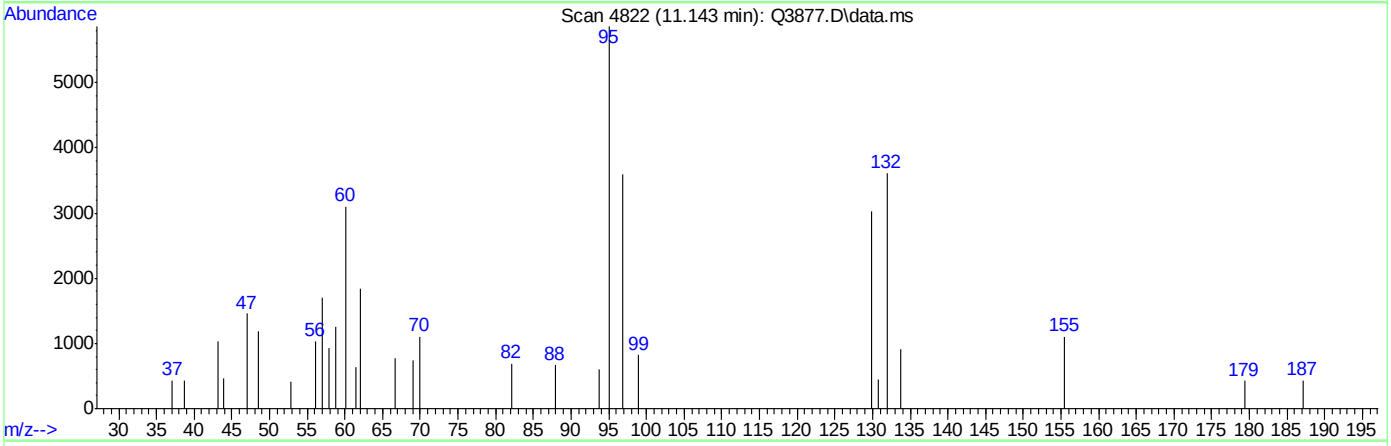
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(38) TRICHLOROETHYLENE (m)

11.143min (-0.007) 0.50PPBV m

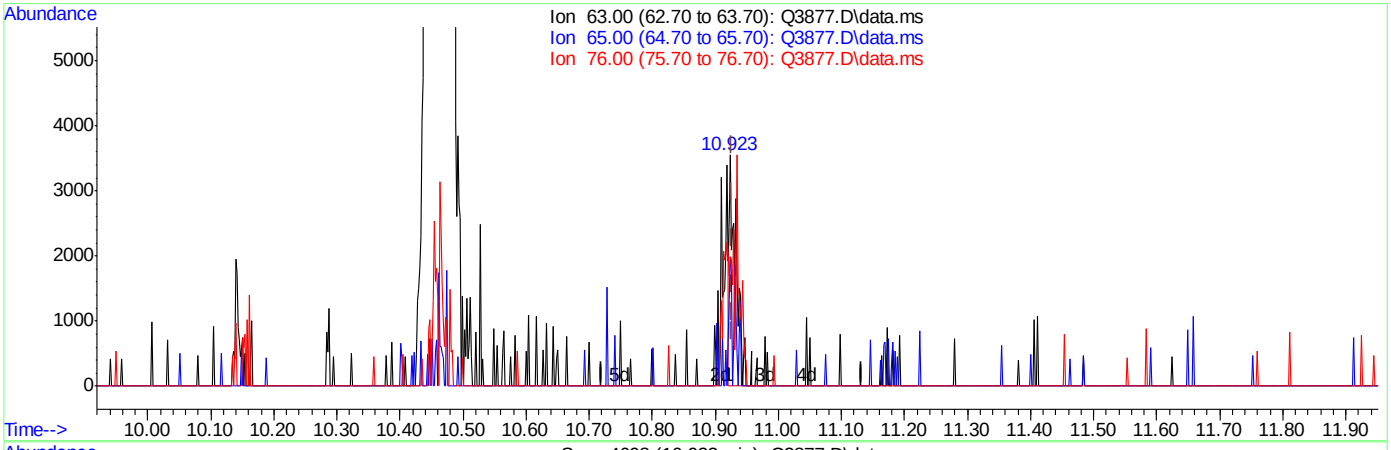
response 8060

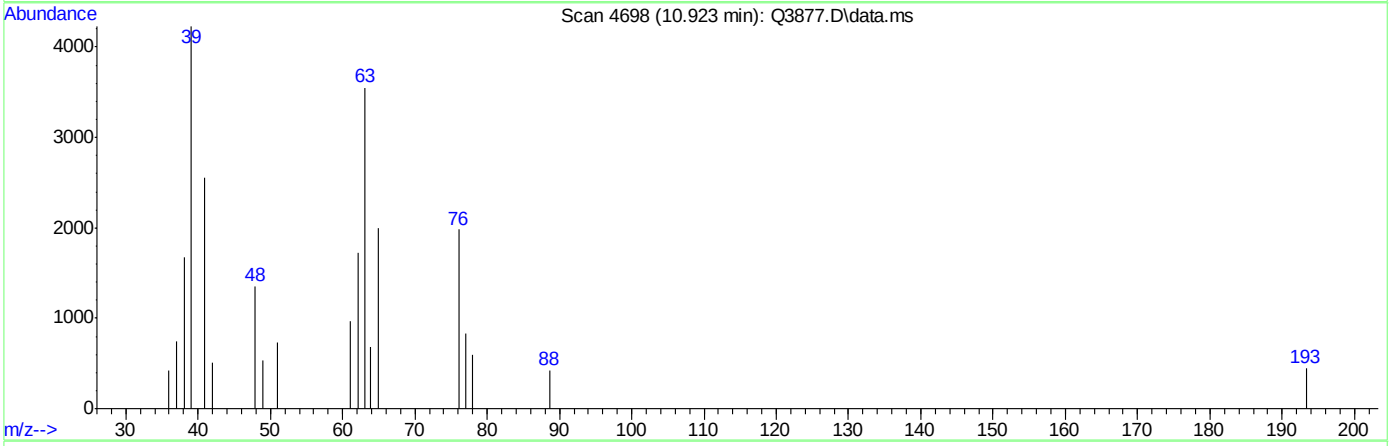
Ion	Exp%	Act%
95.00	100	100
132.00	92.20	80.22
130.00	90.60	84.73
97.00	64.20	64.12

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(39) 1,2-DICHLOROPROPANE (m)

10.923min (-0.004) 0.28PPBV

response 2674

Ion	Exp%	Act%
63.00	100	100
65.00	28.60	24.94
76.00	41.10	93.16#
0.00	0.00	0.00

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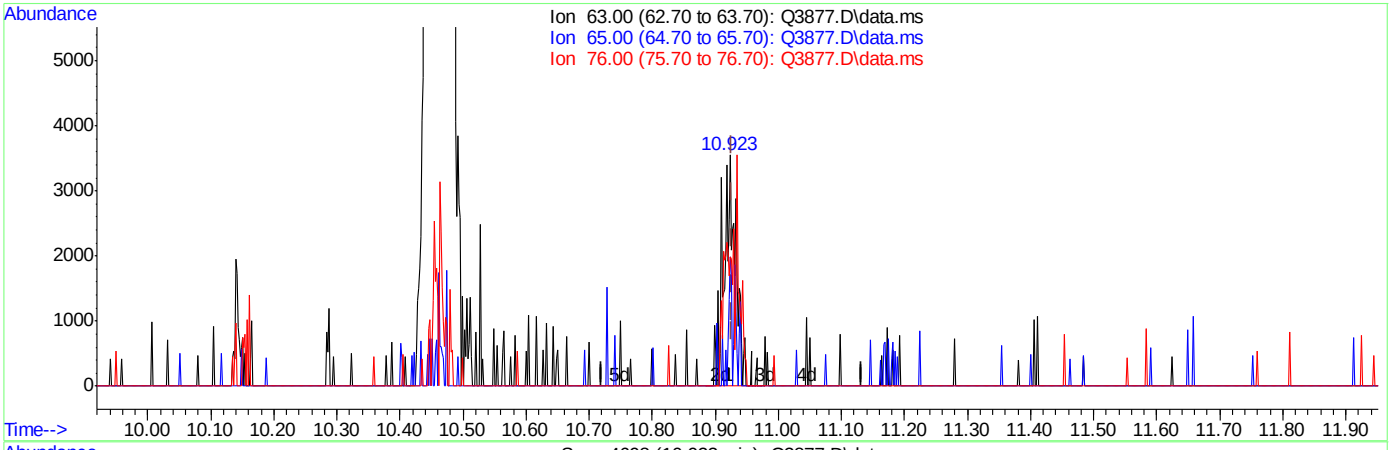
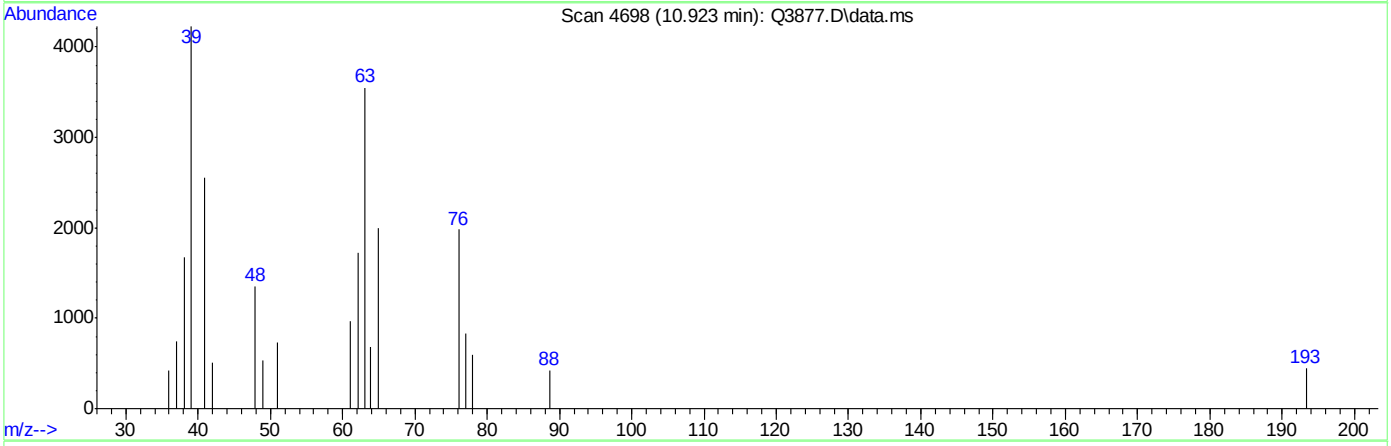
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(39) 1,2-DICHLOROPROPANE (m)

10.923min (-0.004) 0.50PPBV m

response 4735

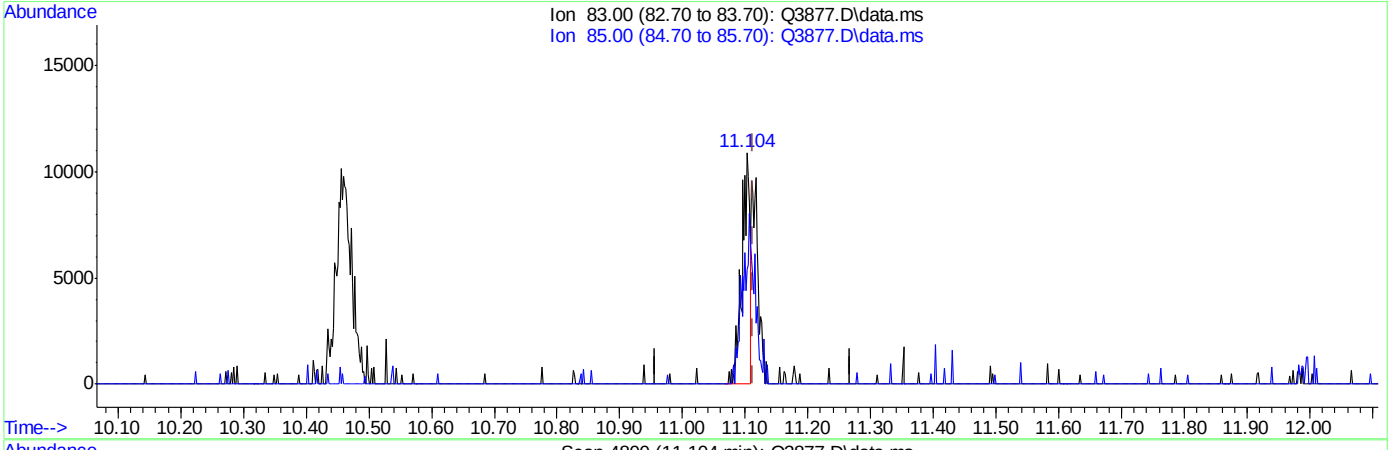
Ion	Exp%	Act%
63.00	100	100
65.00	28.60	14.09
76.00	41.10	52.61
0.00	0.00	0.00

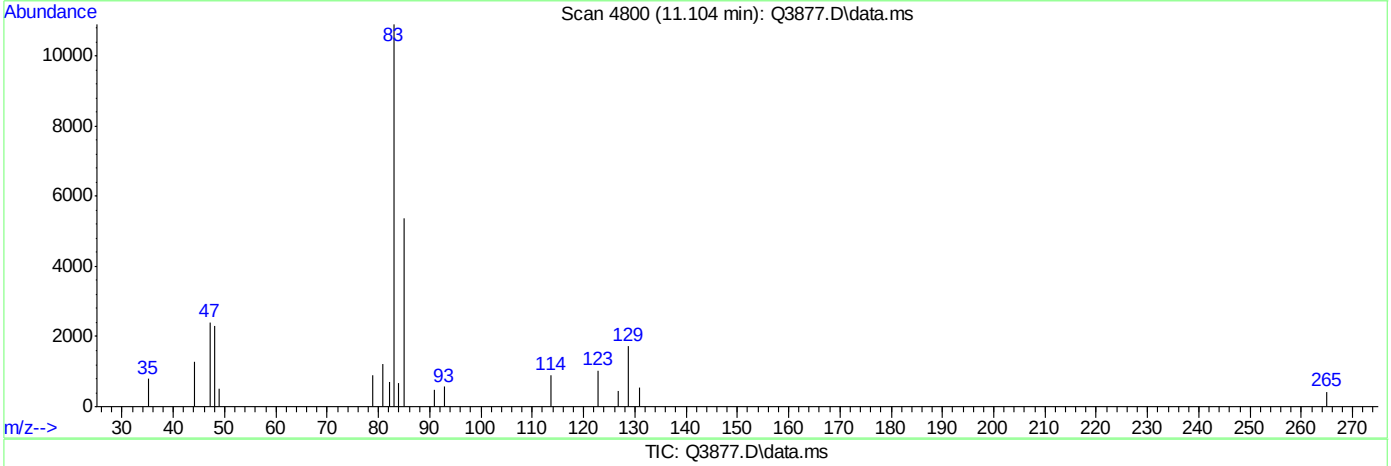
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(40) BROMODICHLOROMETHANE (m)

11.104min (-0.009) 0.29PPBV

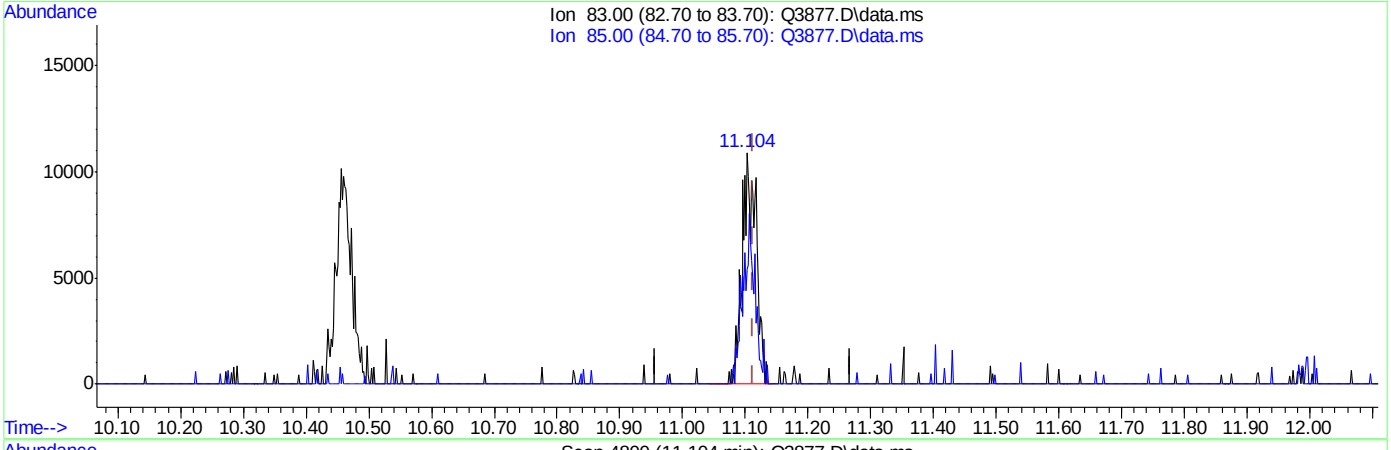
response 10144

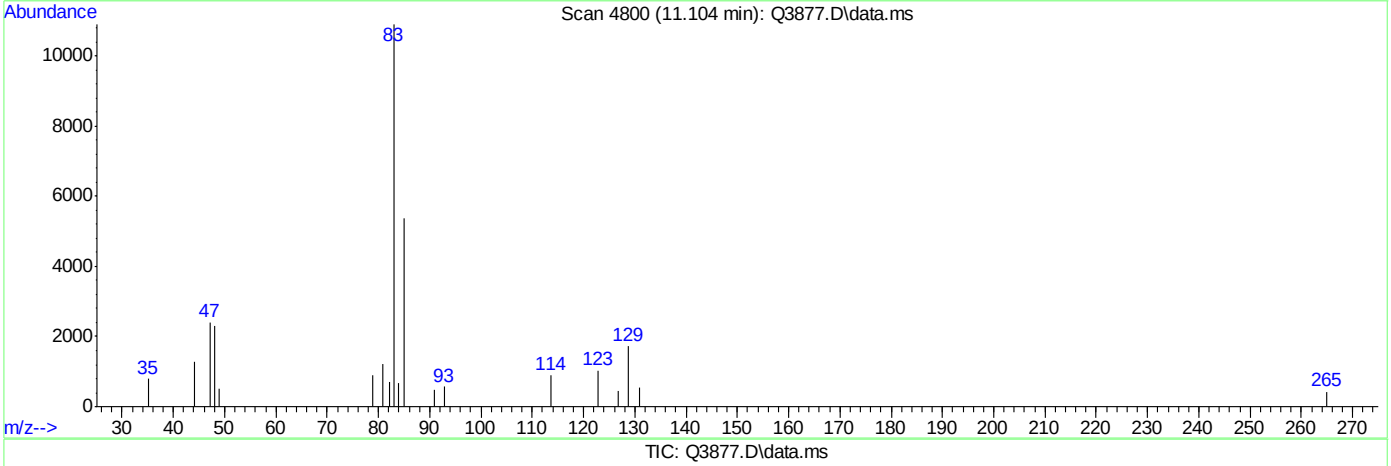
Ion	Exp%	Act%
83.00	100	100
85.00	63.80	107.11#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(40) BROMODICHLOROMETHANE (m)

11.104min (-0.009) 0.50PPBV m

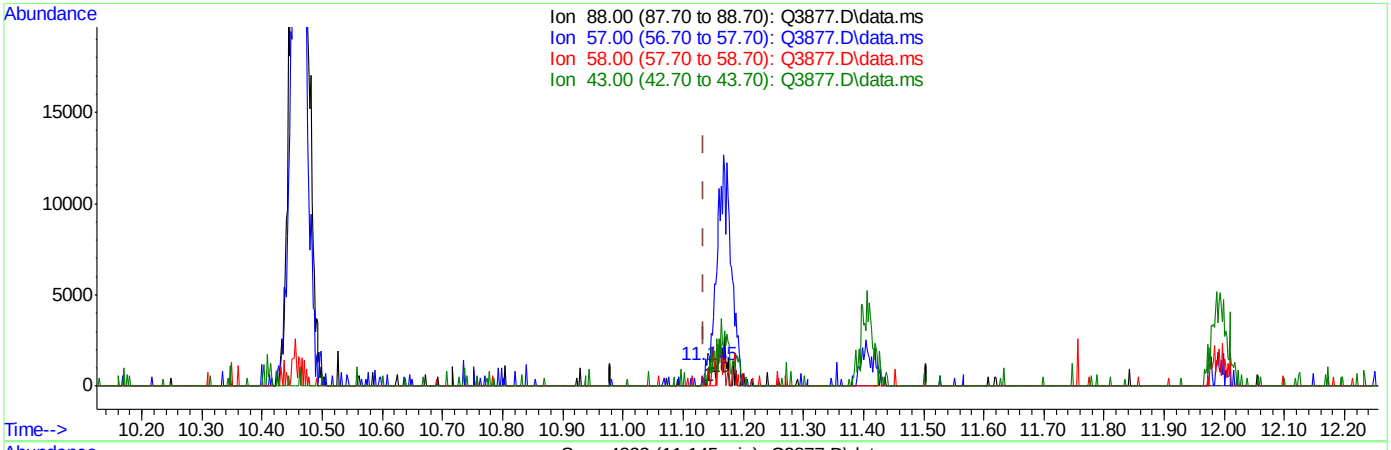
response 17334

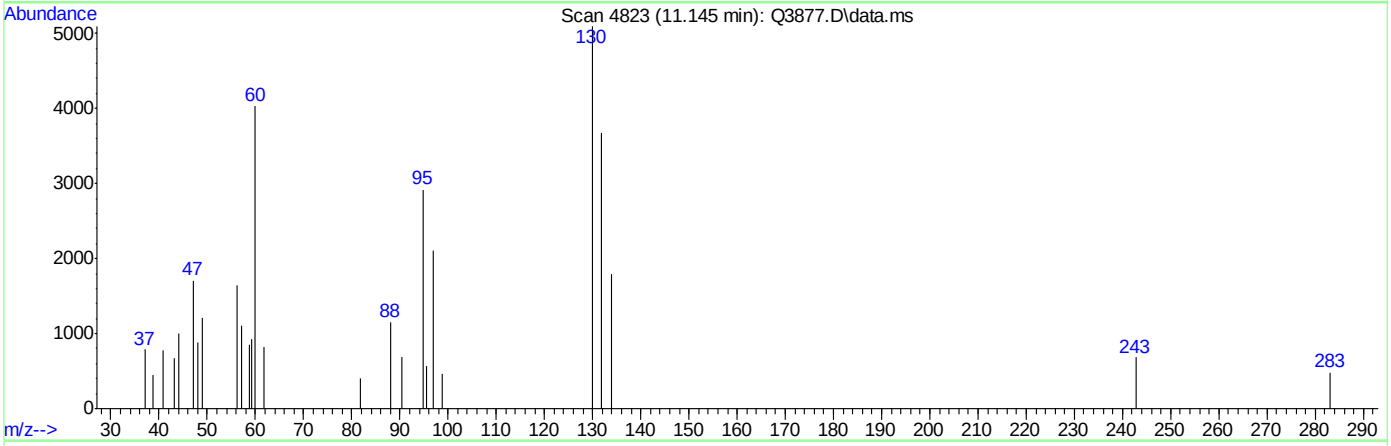
Ion	Exp%	Act%
83.00	100	100
85.00	63.80	62.68
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





(42) 1,4-DIOXANE (m)

11.145min (+0.010) 0.13PPBV

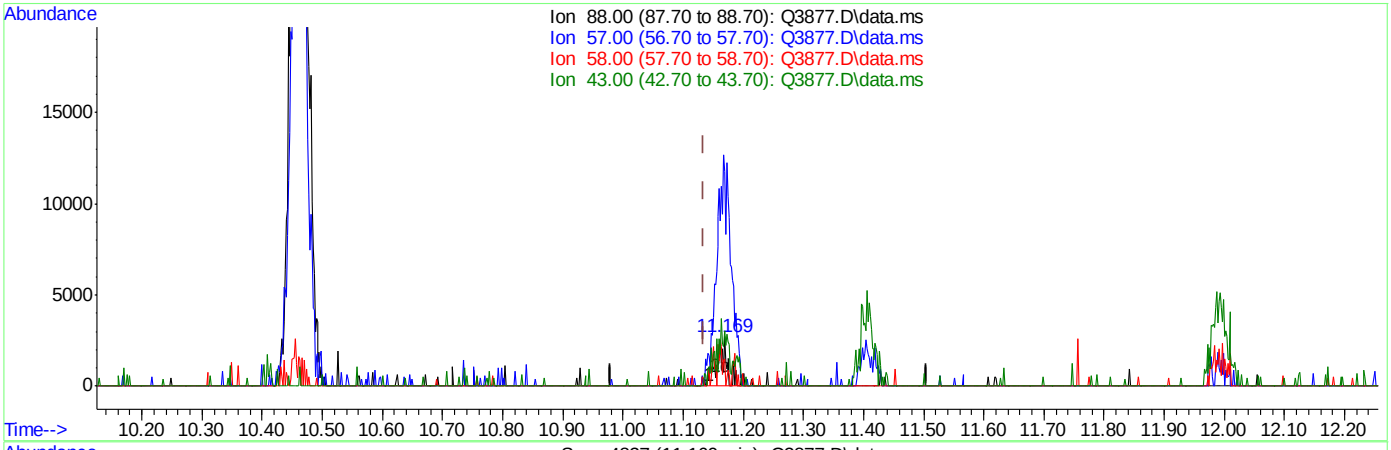
response 828

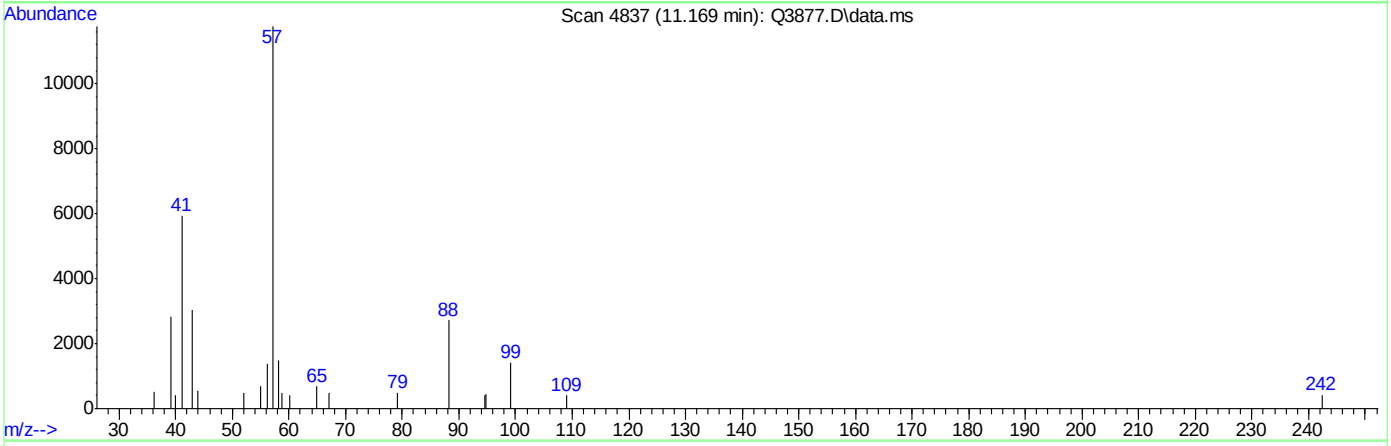
Ion	Exp%	Act%
88.00	100	100
57.00	45.40	95.33#
58.00	84.10	0.00#
43.00	40.20	57.79

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





(42) 1,4-DIOXANE (m)

11.169min (+0.034) 0.50PPBV m

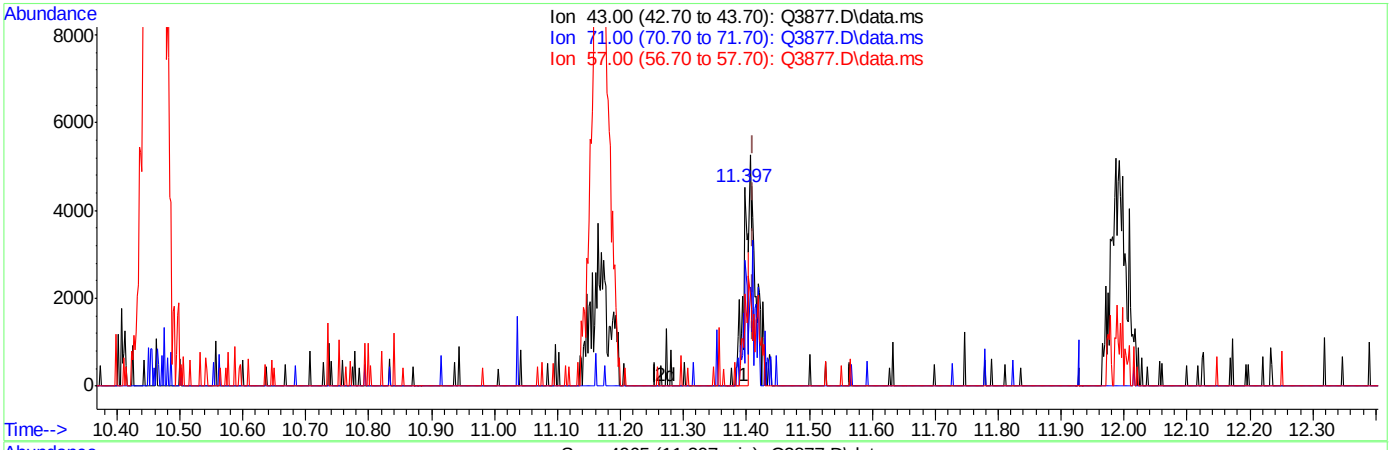
response 3168

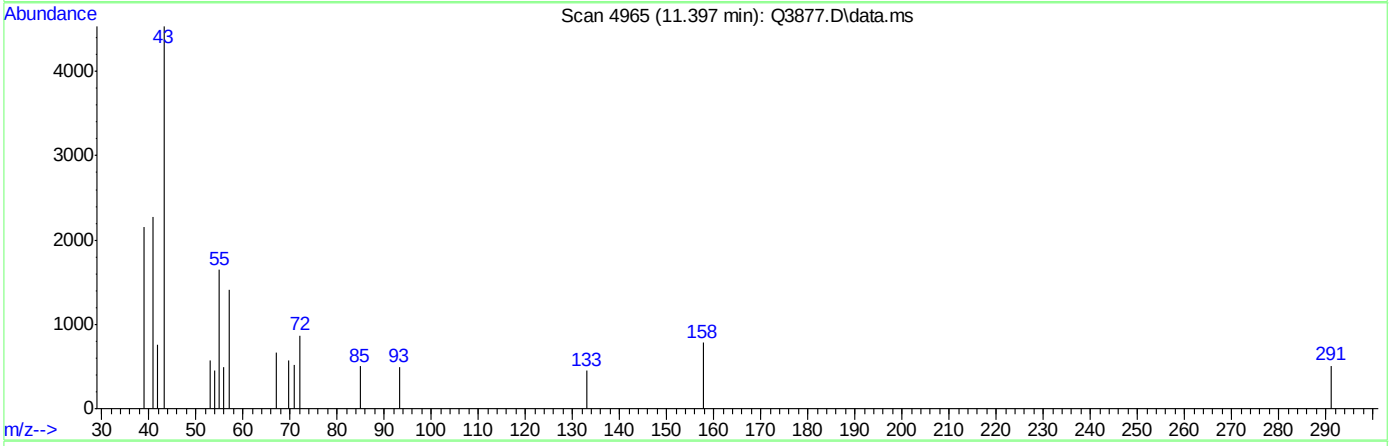
Ion	Exp%	Act%
88.00	100	100
57.00	45.40	433.78#
58.00	84.10	54.39#
43.00	40.20	112.02#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(43) HEPTANE (m)

11.397min (-0.014) 0.21PPBV

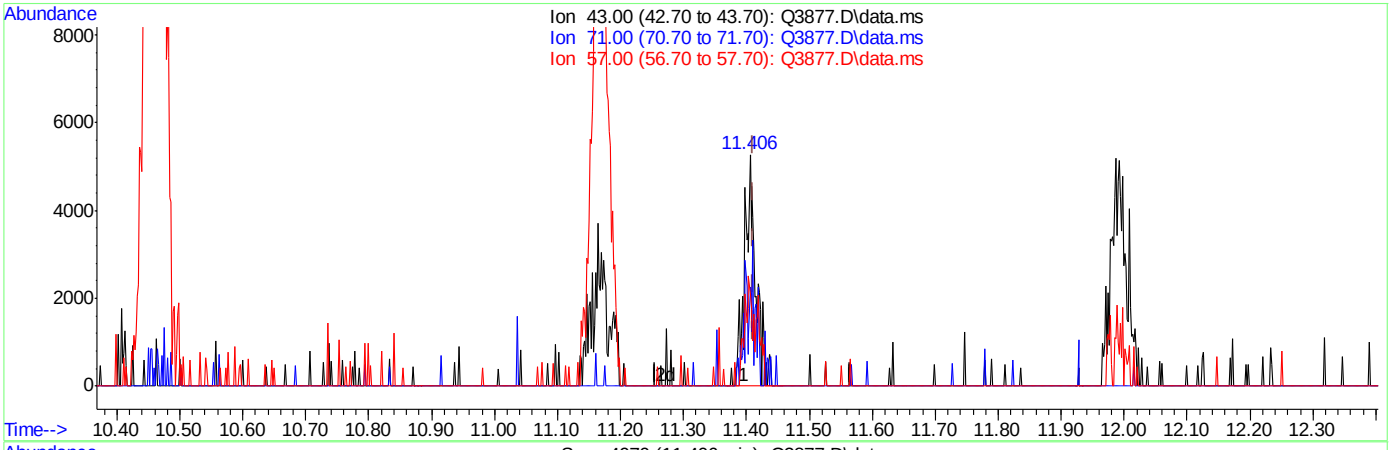
response 2984

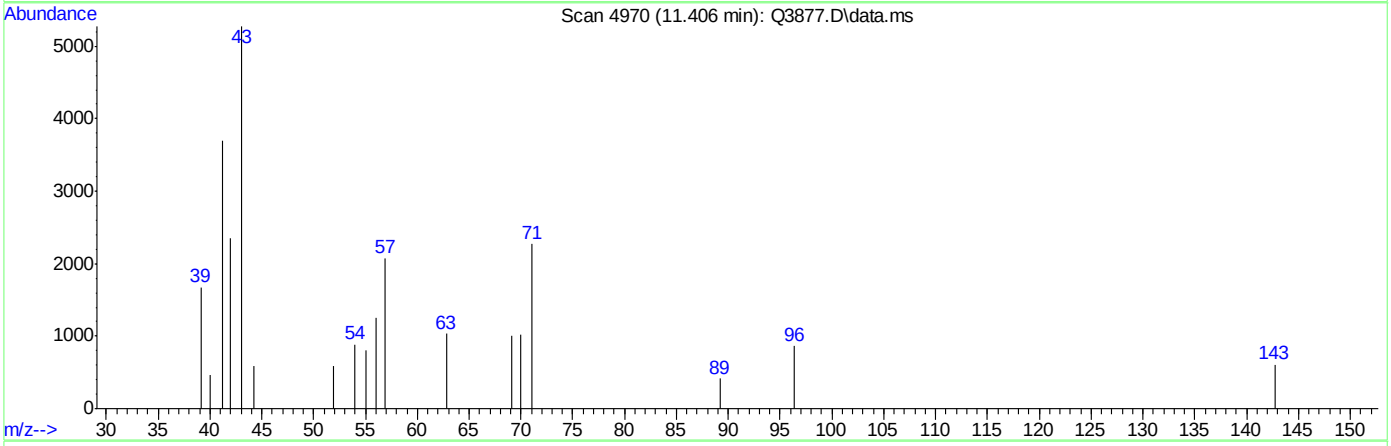
Ion	Exp%	Act%
43.00	100	100
71.00	40.90	105.19#
57.00	54.60	77.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(43) HEPTANE (m)

11.406min (-0.005) 0.50PPBV m

response 6963

Ion	Exp%	Act%
43.00	100	100
71.00	40.90	45.08
57.00	54.60	33.00#
0.00	0.00	0.00

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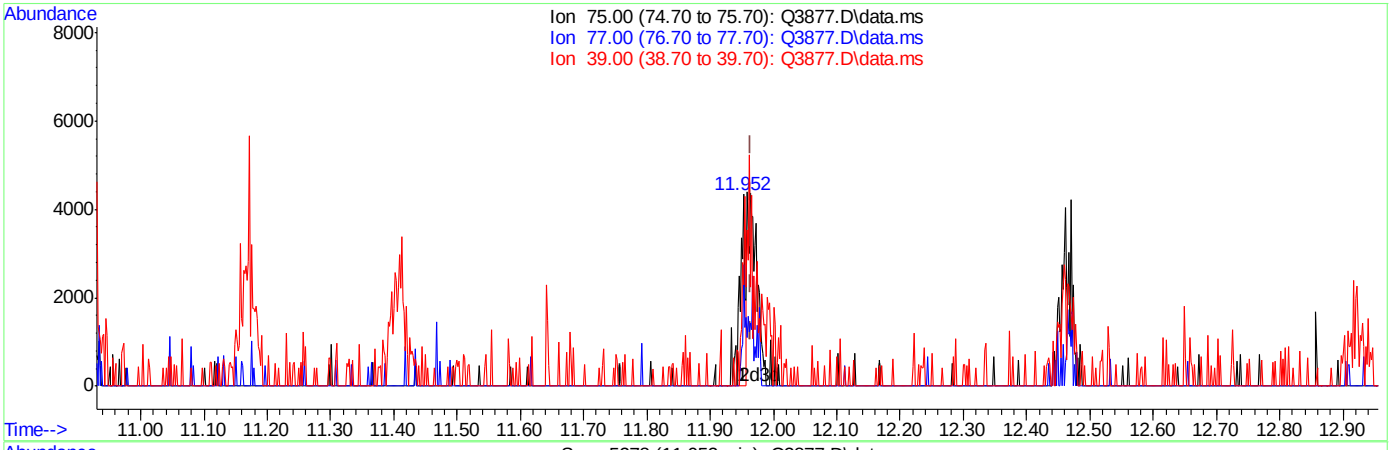
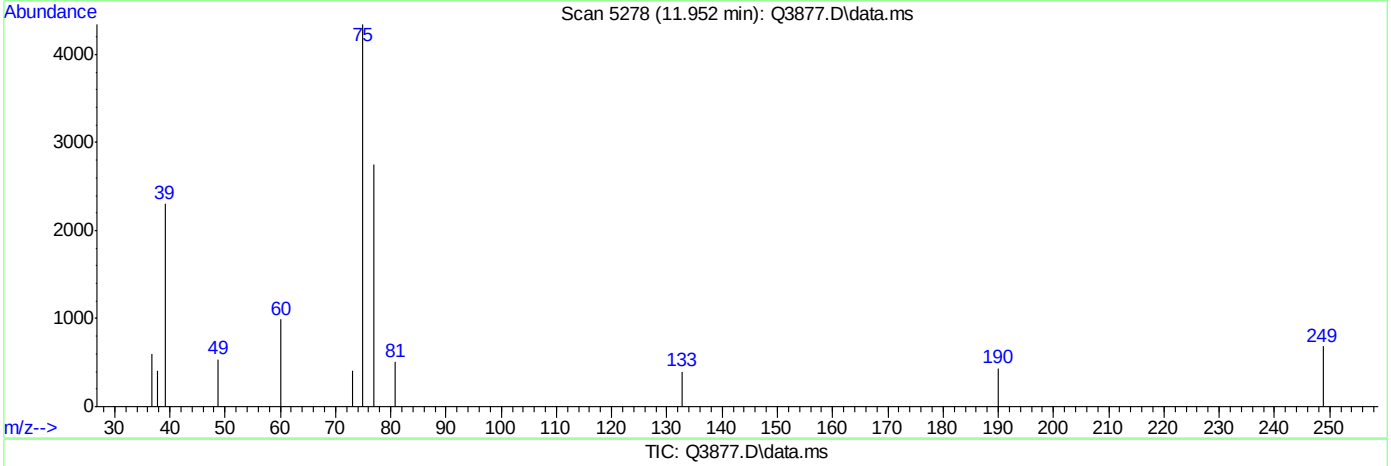
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(45) cis-1,3-DICHLOROPROPENE (m)

11.952min (-0.012) 0.17PPBV

response 2543

Ion	Exp%	Act%
75.00	100	100
77.00	31.60	55.25#
39.00	87.50	0.00#
0.00	0.00	0.00

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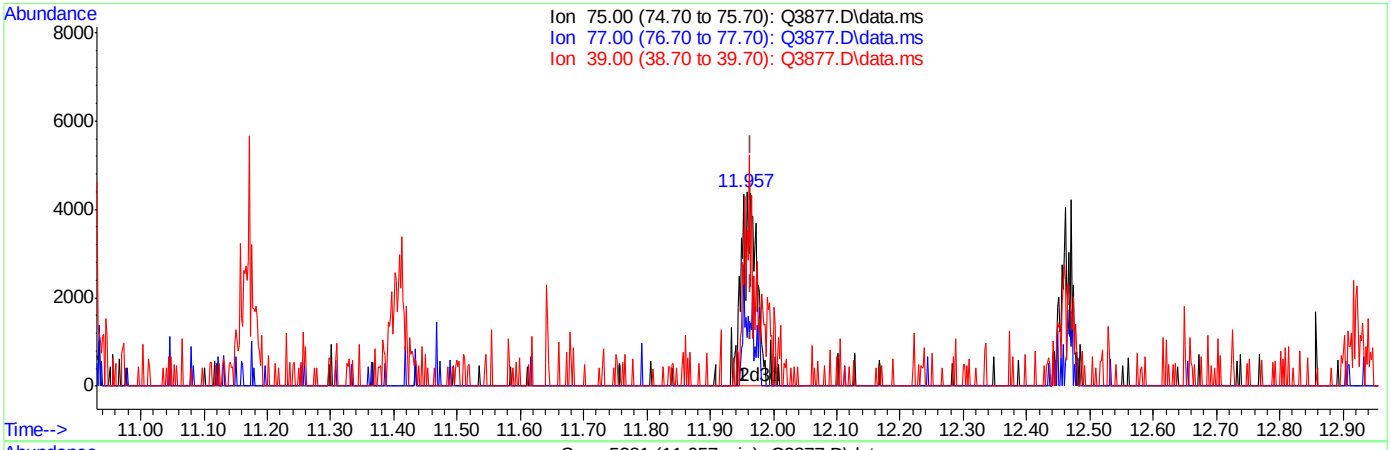
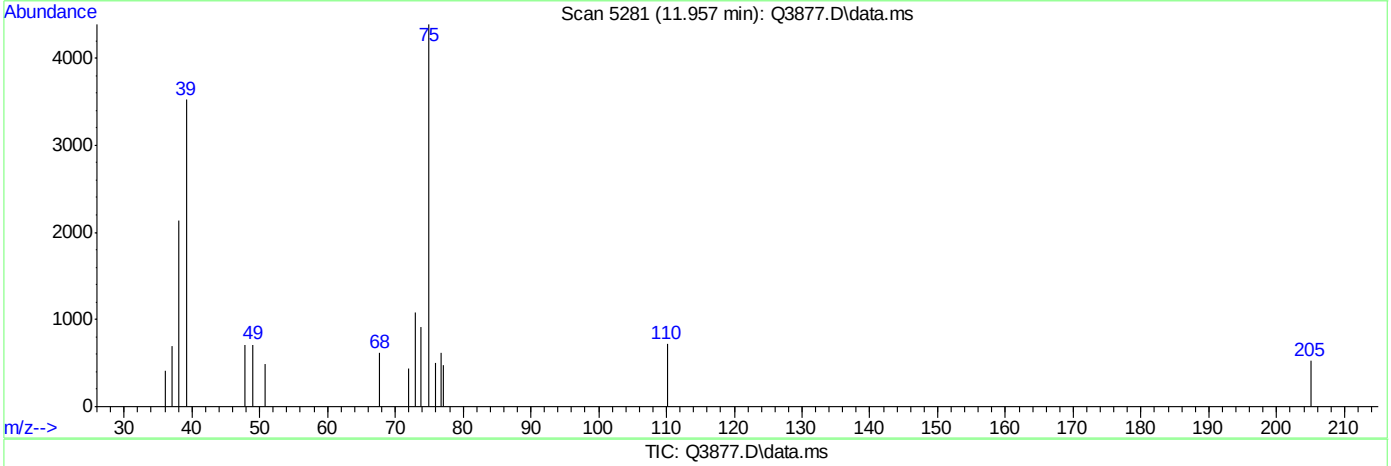
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(45) cis-1,3-DICHLOROPROPENE (m)

11.957min (-0.007) 0.50PPBV m

response 7313

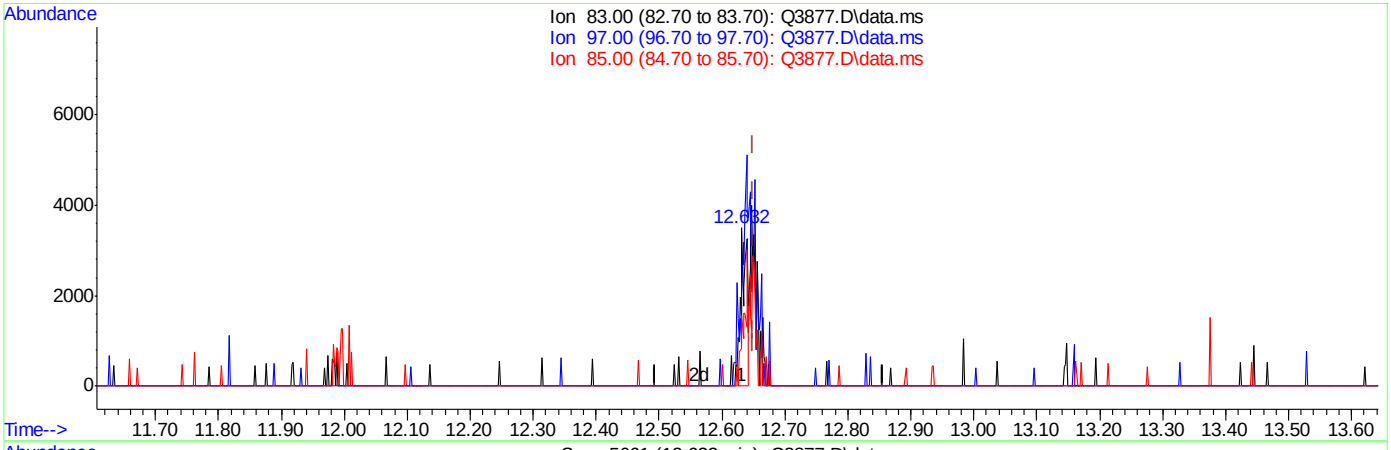
Ion	Exp%	Act%
75.00	100	100
77.00	31.60	19.21
39.00	87.50	0.00#
0.00	0.00	0.00

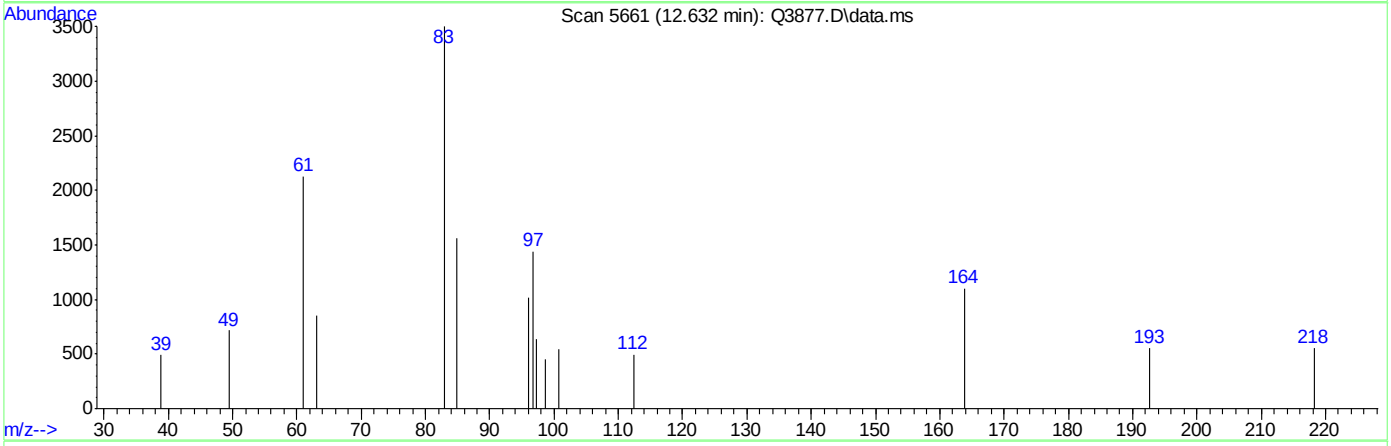
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(48) 1,1,2-TRICHLOROETHANE (m)

12.632min (-0.018) 0.23PPBV

response 2724

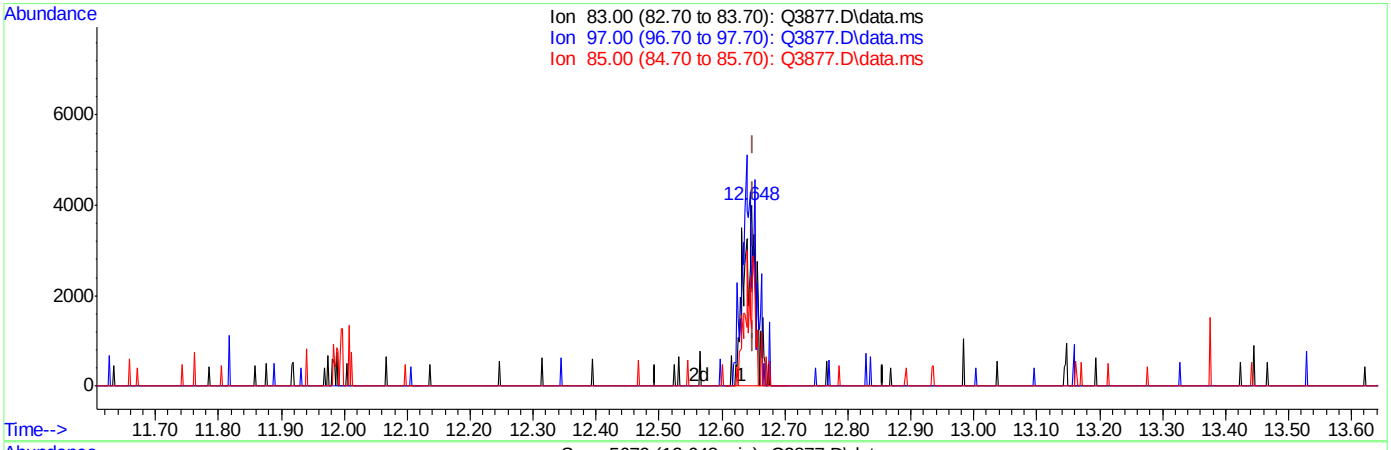
Ion	Exp%	Act%
83.00	100	100
97.00	113.20	250.40#
85.00	64.40	55.14
0.00	0.00	0.00

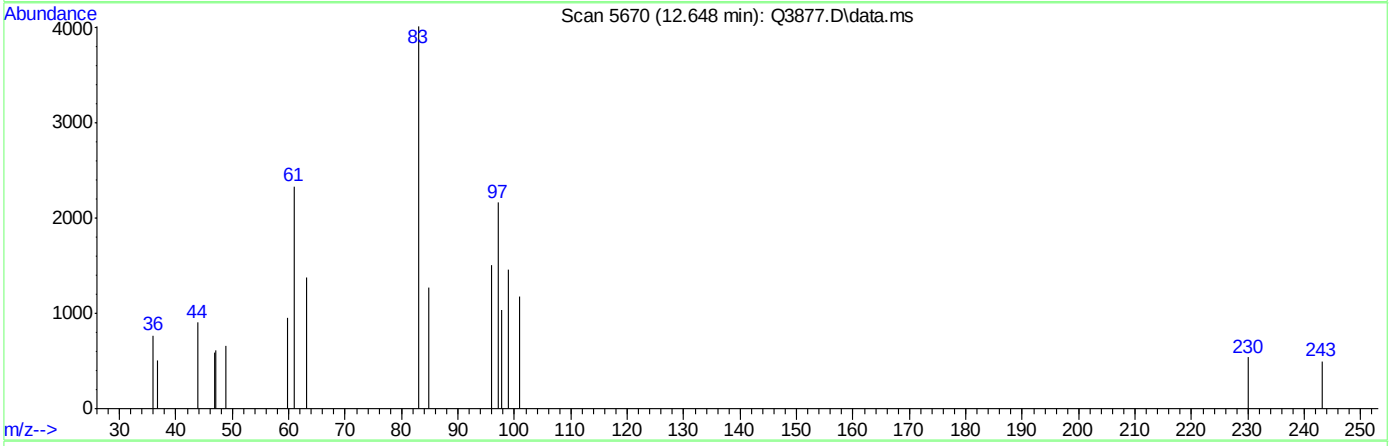
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(48) 1,1,2-TRICHLOROETHANE (m)

12.648min (-0.002) 0.50PPBV m

response 5899

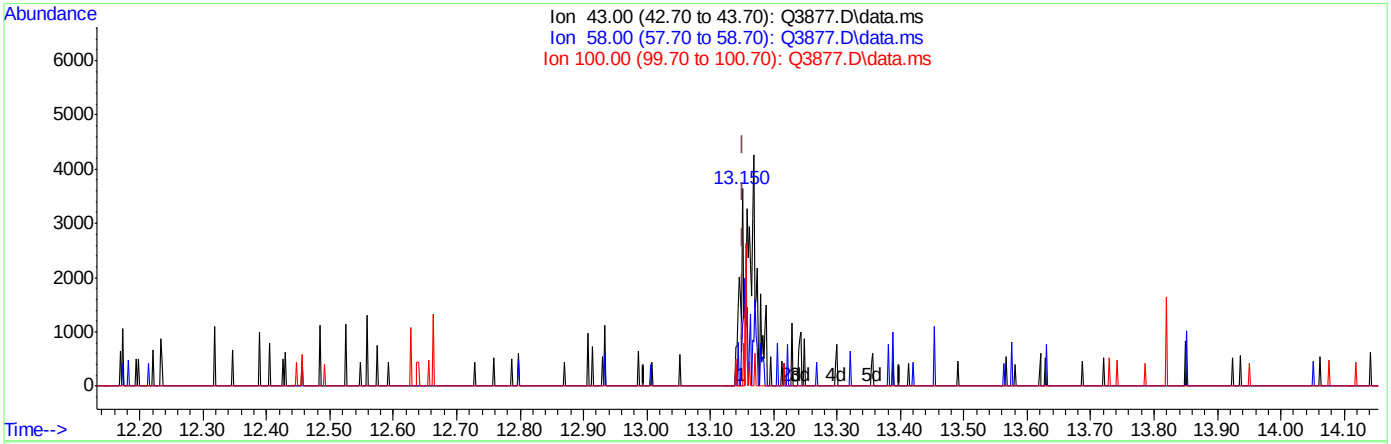
Ion	Exp%	Act%
83.00	100	100
97.00	113.20	115.63
85.00	64.40	25.46#
0.00	0.00	0.00

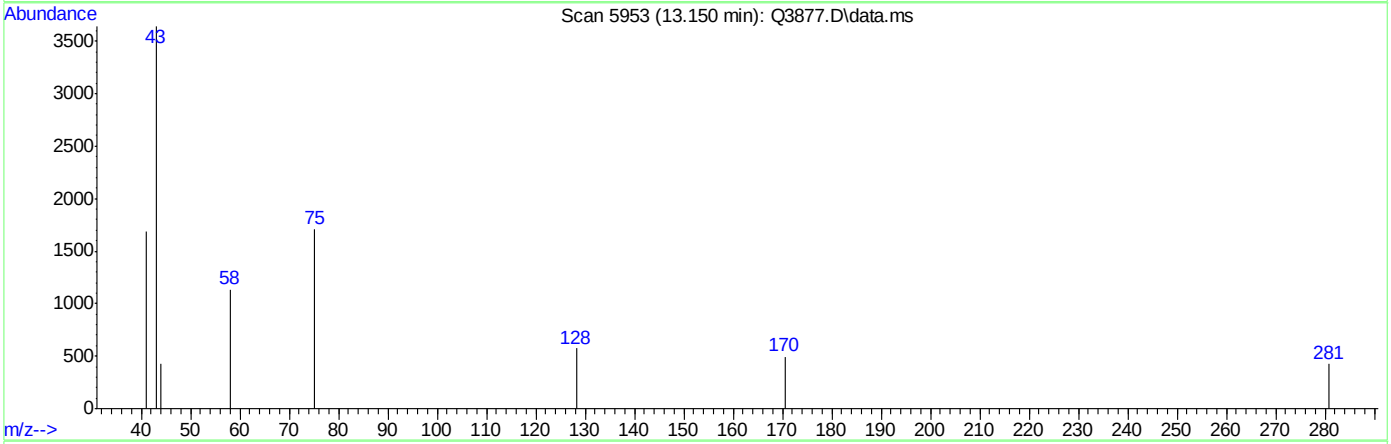
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(50) 2-HEXANONE (m)

13.150min (-0.002) 0.13PPBV

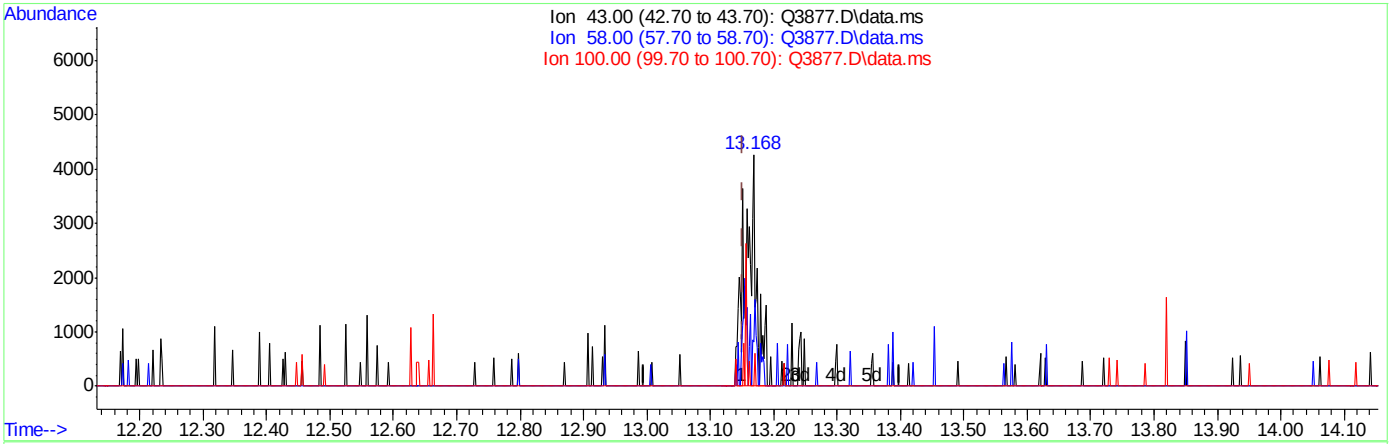
response 1539

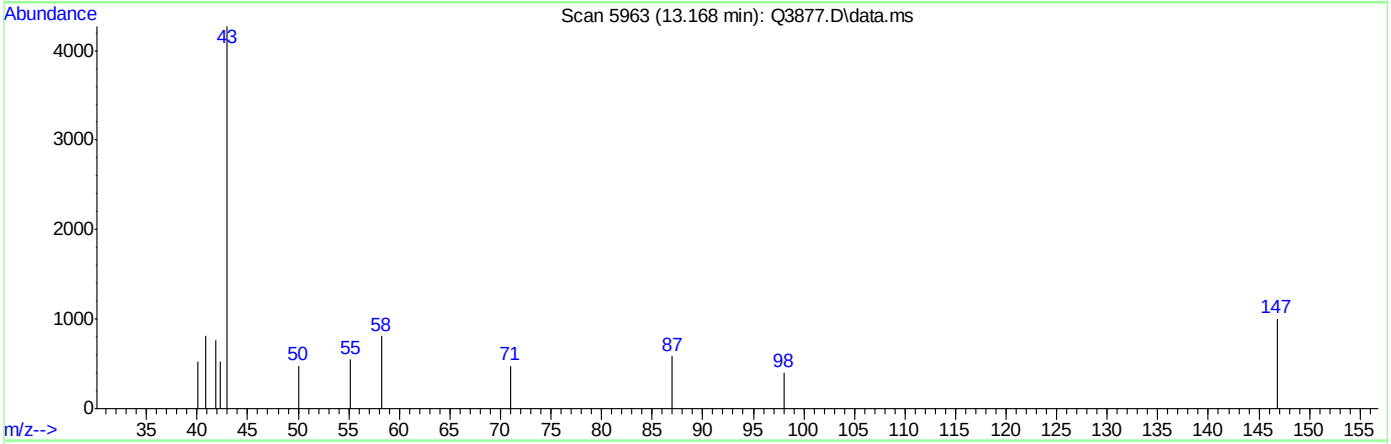
Ion	Exp%	Act%
43.00	100	100
58.00	52.00	76.15#
100.00	6.20	30.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(50) 2-HEXANONE (m)

13.168min (+0.016) 0.45PPBV m

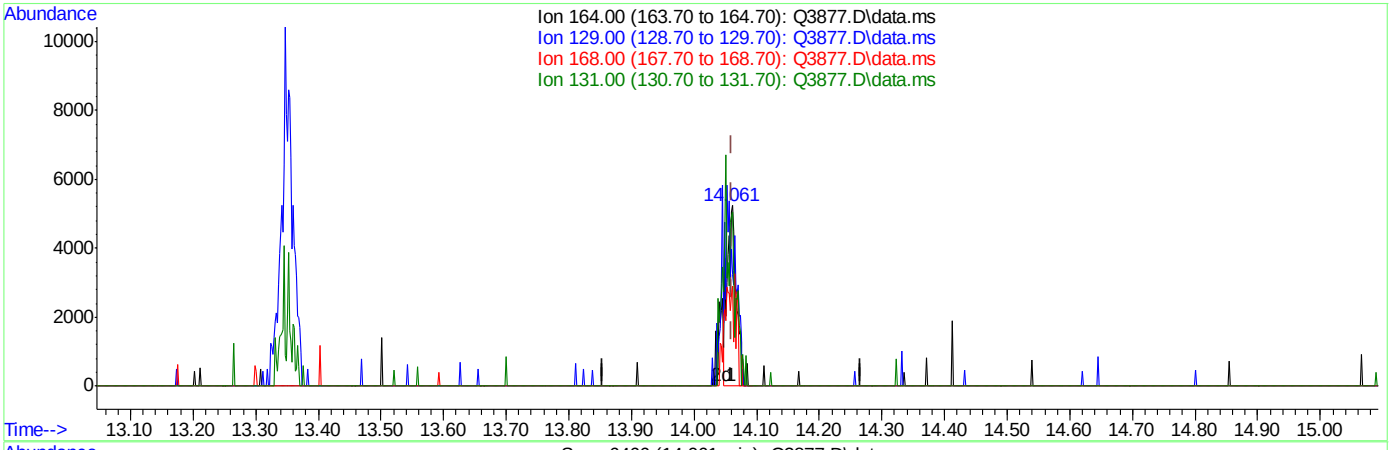
response 5204

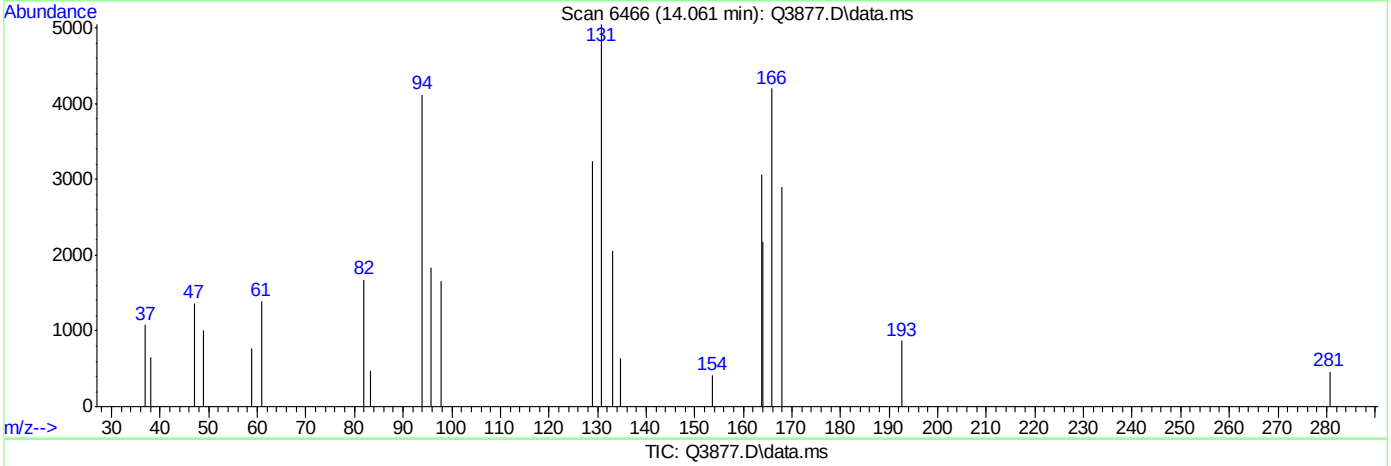
Ion	Exp%	Act%
43.00	100	100
58.00	52.00	22.52#
100.00	6.20	8.97
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(51) TETRACHLOROETHYLENE (m)

14.061min (-0.000) 0.40PPBV

response 5500

Ion	Exp%	Act%
164.00	100	100
129.00	107.30	0.00#
168.00	59.50	69.53
131.00	108.30	0.00#

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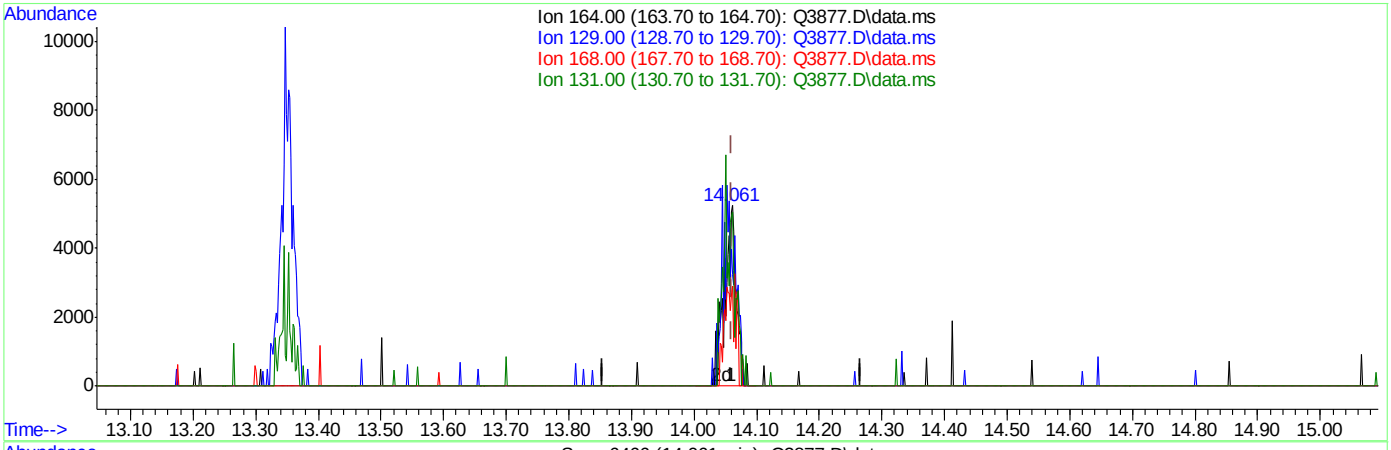
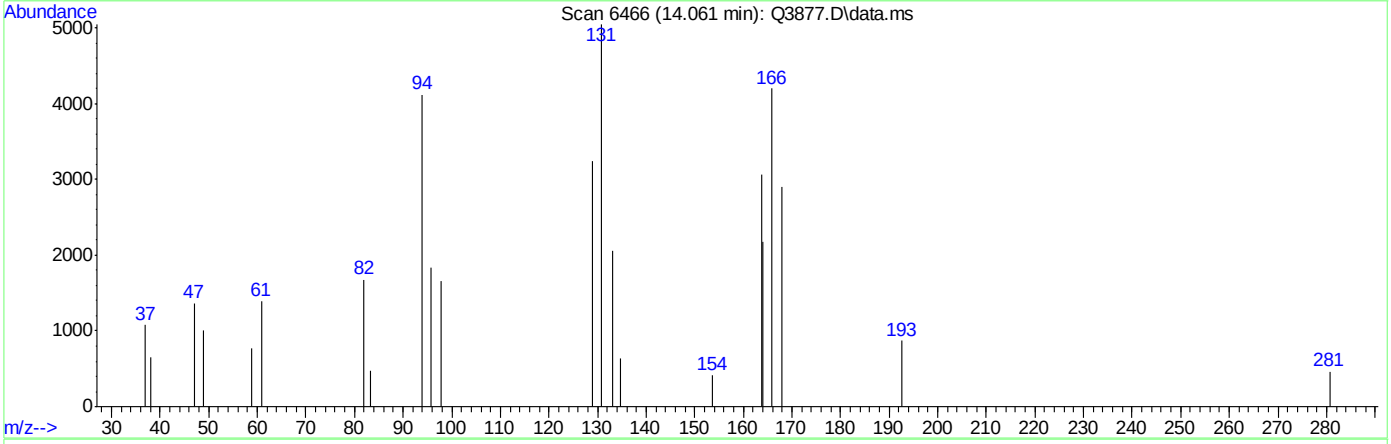
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(51) TETRACHLOROETHYLENE (m)

14.061min (-0.000) 0.50PPBV m

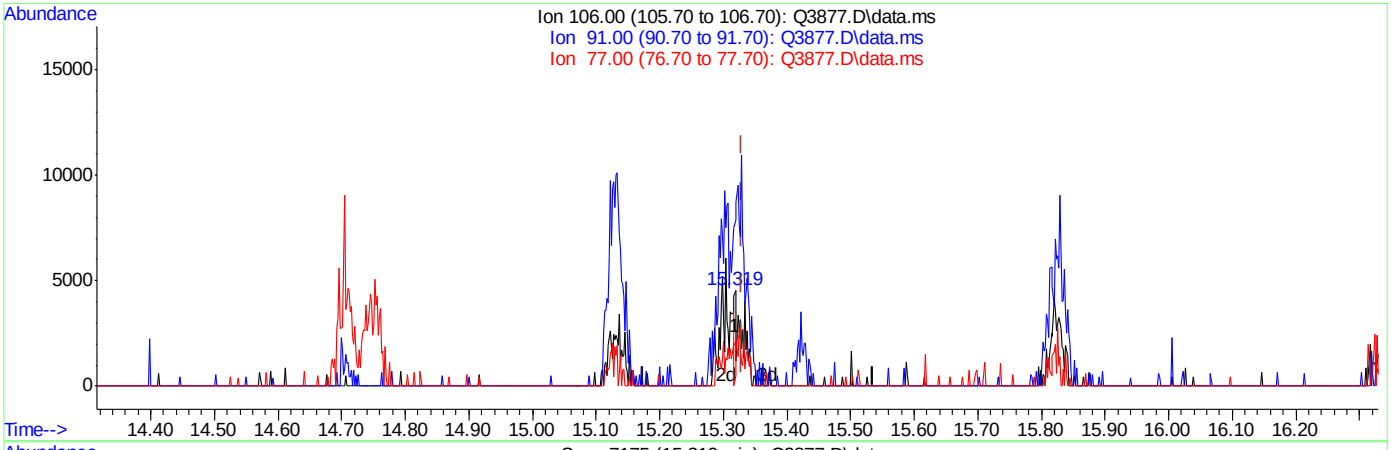
response 6861

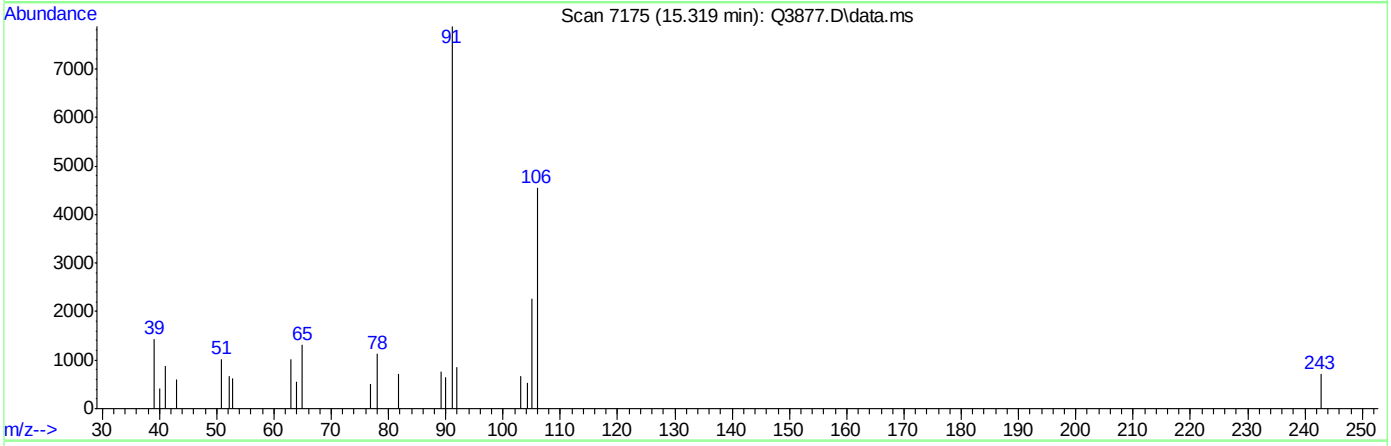
Ion	Exp%	Act%
164.00	100	100
129.00	107.30	0.00#
168.00	59.50	55.74
131.00	108.30	0.00#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(56) m,p-XYLENE (m)

15.319min (-0.010) 0.06PPBV

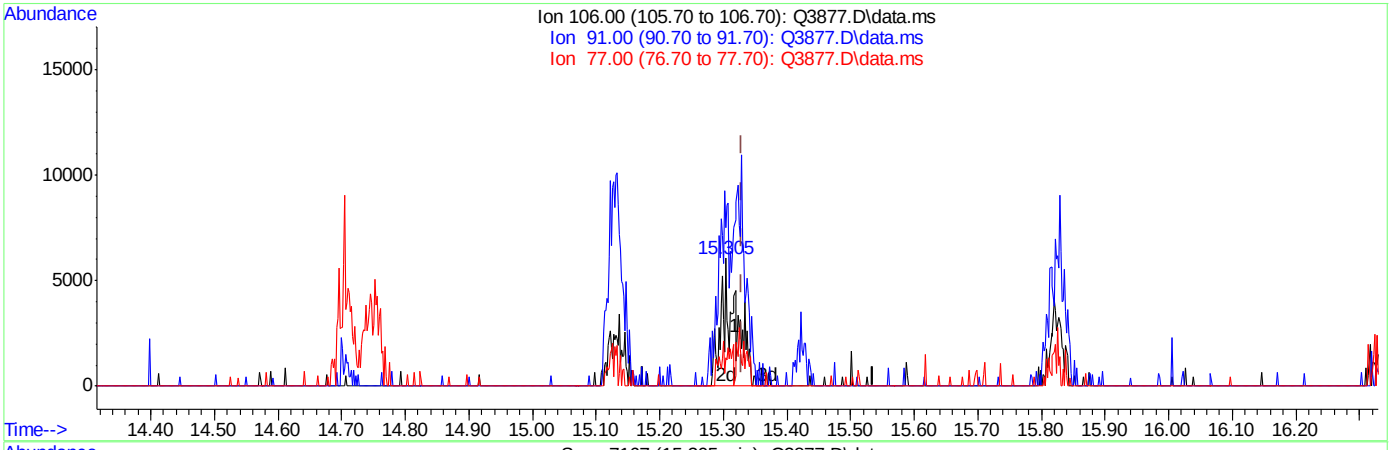
response 543

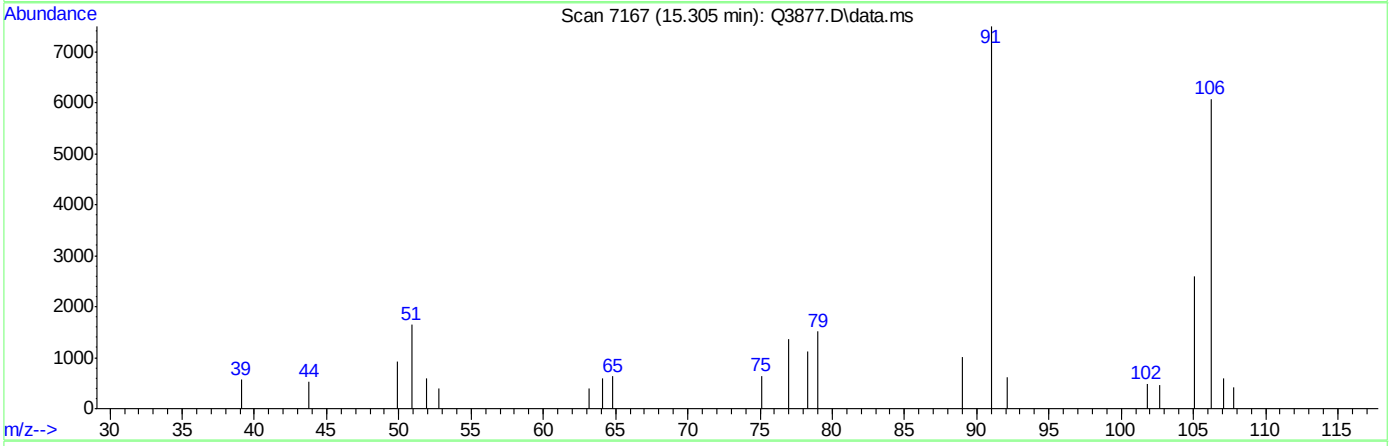
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	173.23
77.00	27.30	11.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(56) m,p-XYLENE (m)

15.305min (-0.024) 1.00PPBV m

response 9698

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	123.44#
77.00	27.30	22.56
0.00	0.00	0.00

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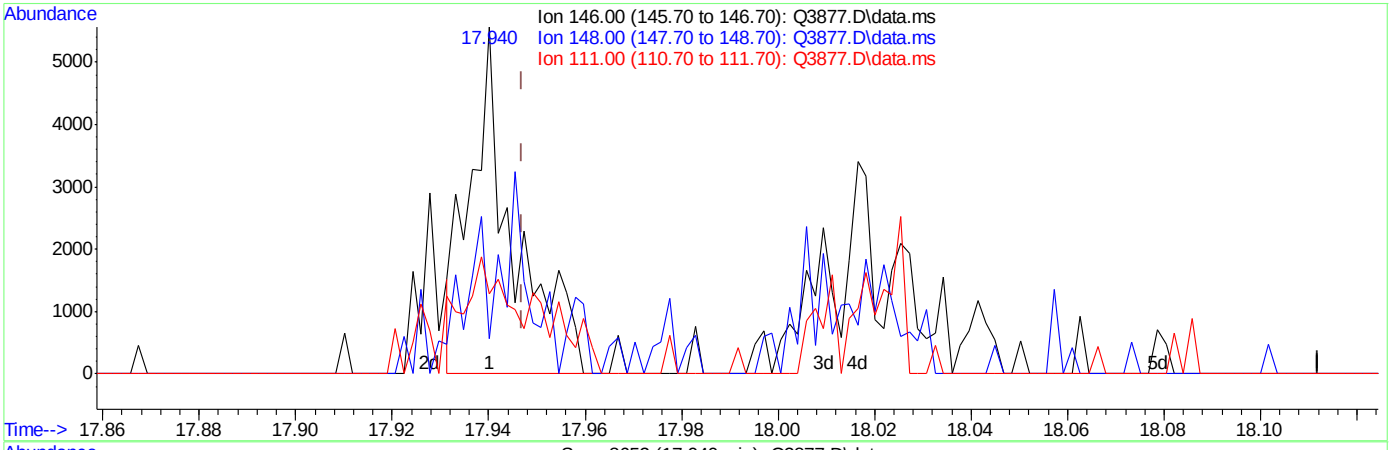
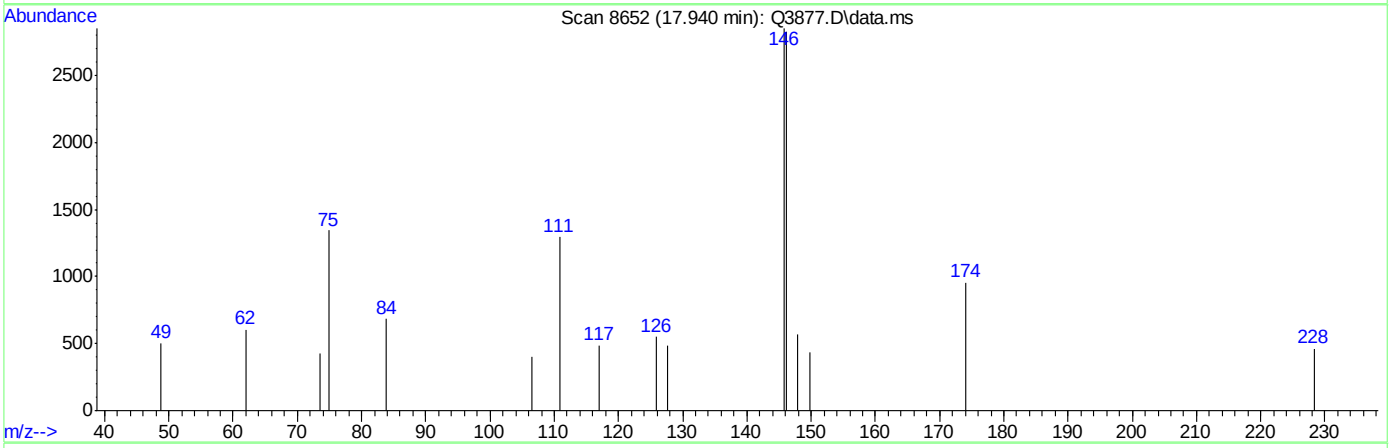
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(68) m-DICHLOROBENZENE (m)

17.940min (-0.007) 0.40PPBV

response 3513

Ion	Exp%	Act%
146.00	100	100
148.00	62.90	69.51
111.00	42.30	65.44#
0.00	0.00	0.00

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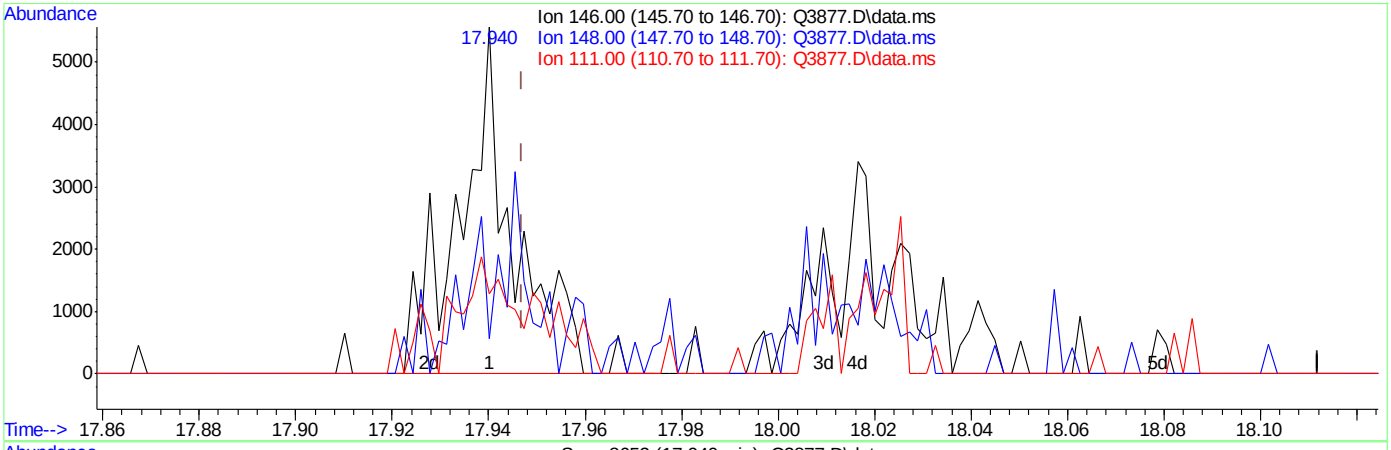
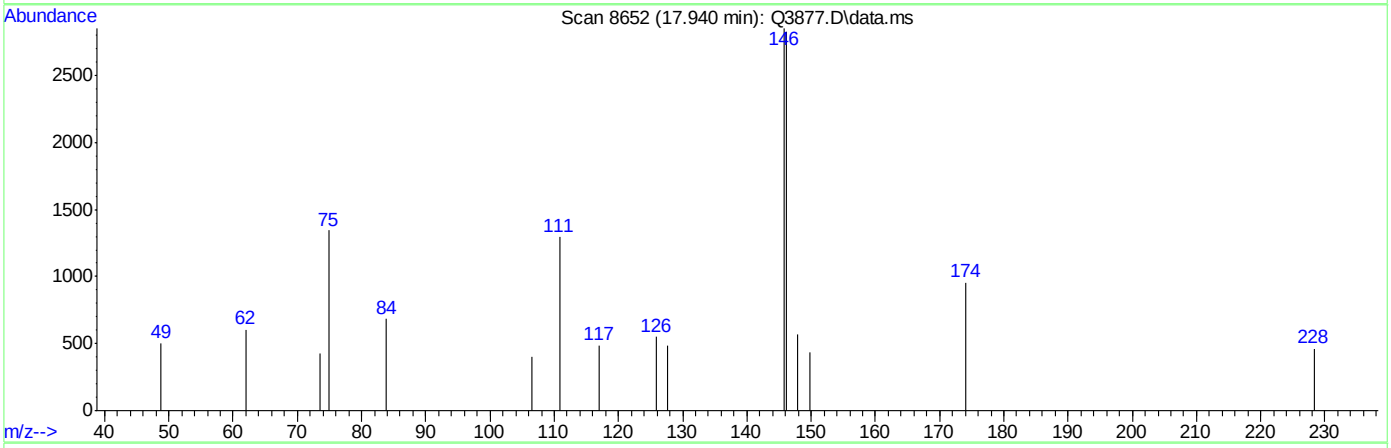
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(68) m-DICHLOROBENZENE (m)

17.940min (-0.007) 0.50PPBV m

response 4364

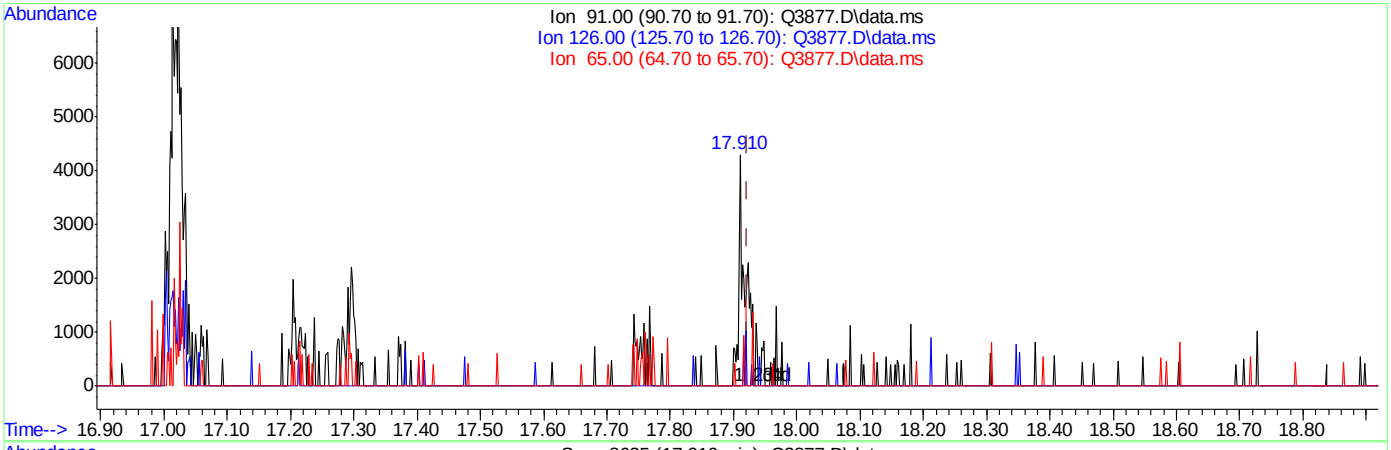
Ion	Exp%	Act%
146.00	100	100
148.00	62.90	55.96
111.00	42.30	52.68
0.00	0.00	0.00

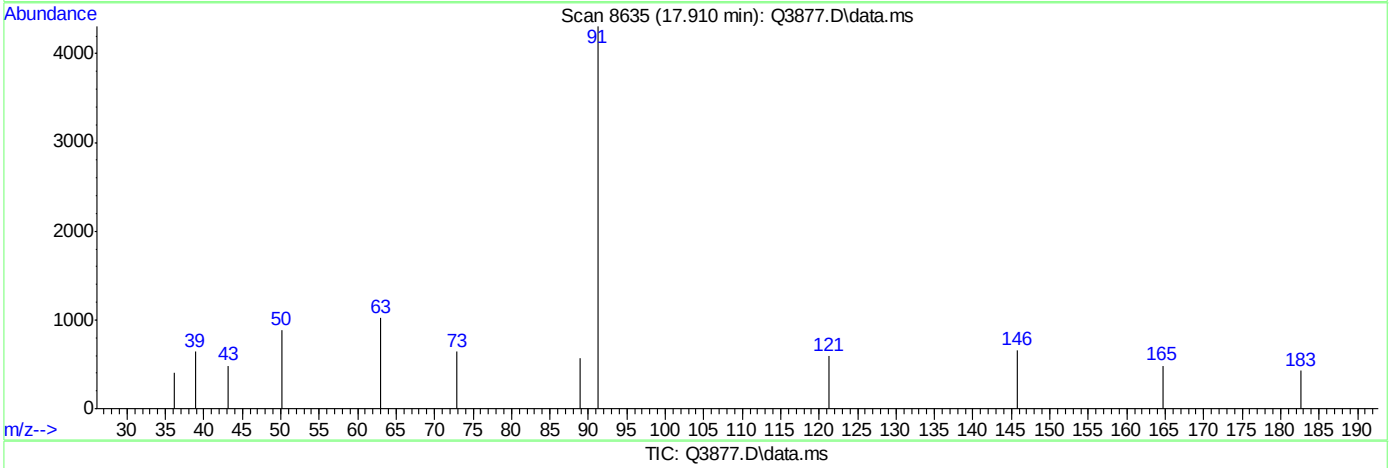
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(69) BENZYL CHLORIDE (m)

17.910min (-0.012) 0.29PPBV

response 2019

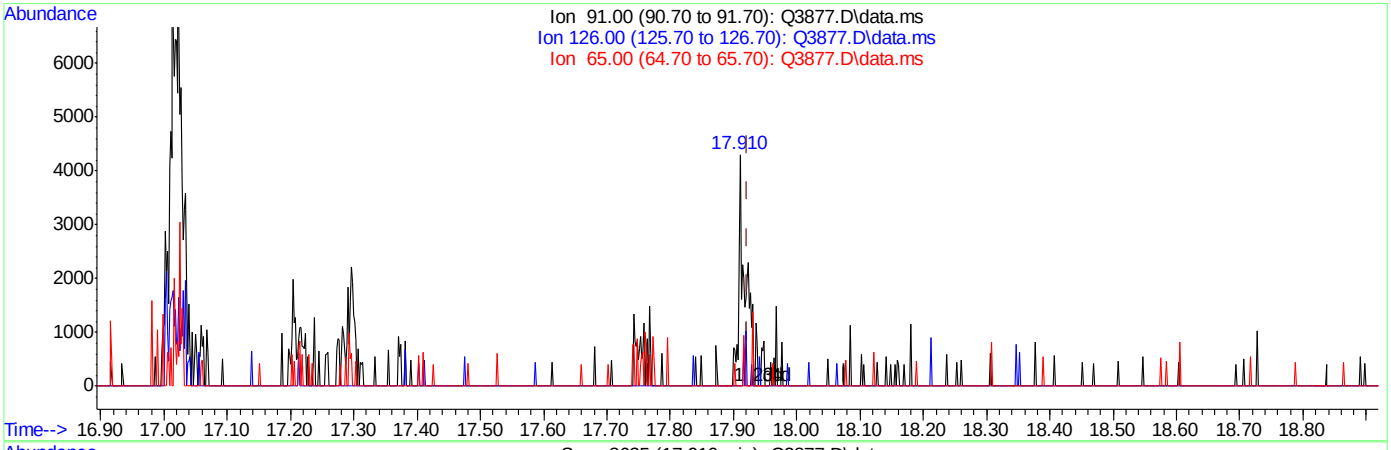
Ion	Exp%	Act%
91.00	100	100
126.00	19.00	8.92
65.00	13.90	7.43
0.00	0.00	0.00

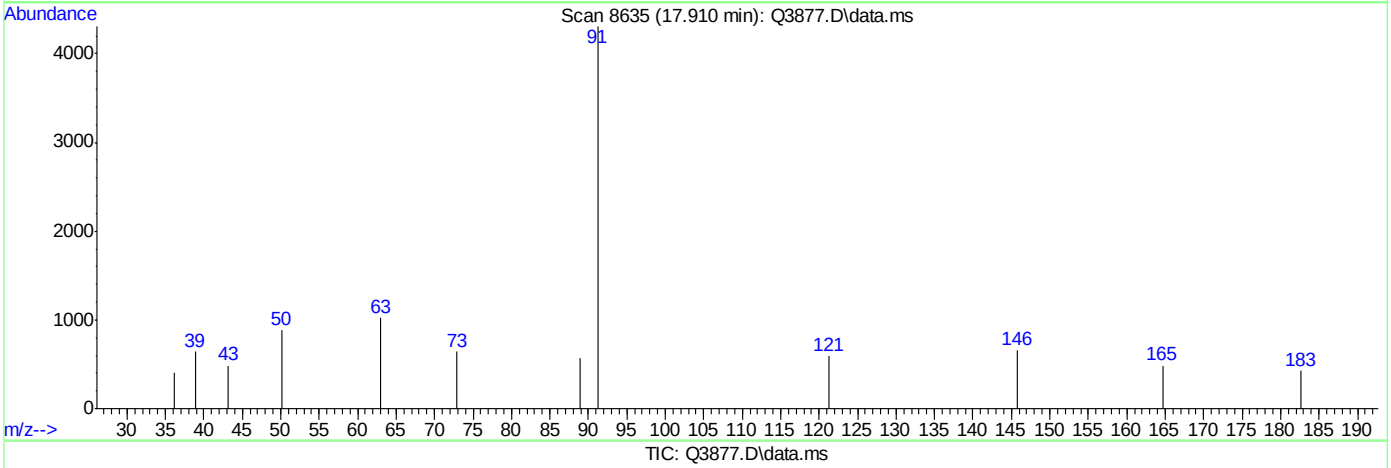
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





TIC: Q3877.D\data.ms

(69) BENZYL CHLORIDE (m)

17.910min (-0.012) 0.50PPBV m

response 3535

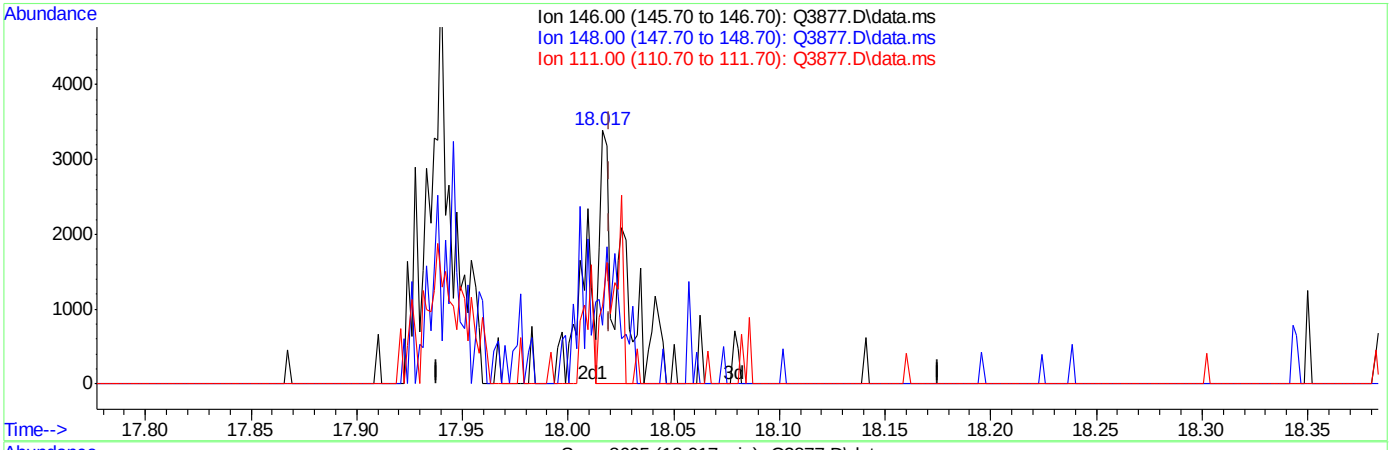
Ion	Exp%	Act%
91.00	100	100
126.00	19.00	5.09
65.00	13.90	4.24
0.00	0.00	0.00

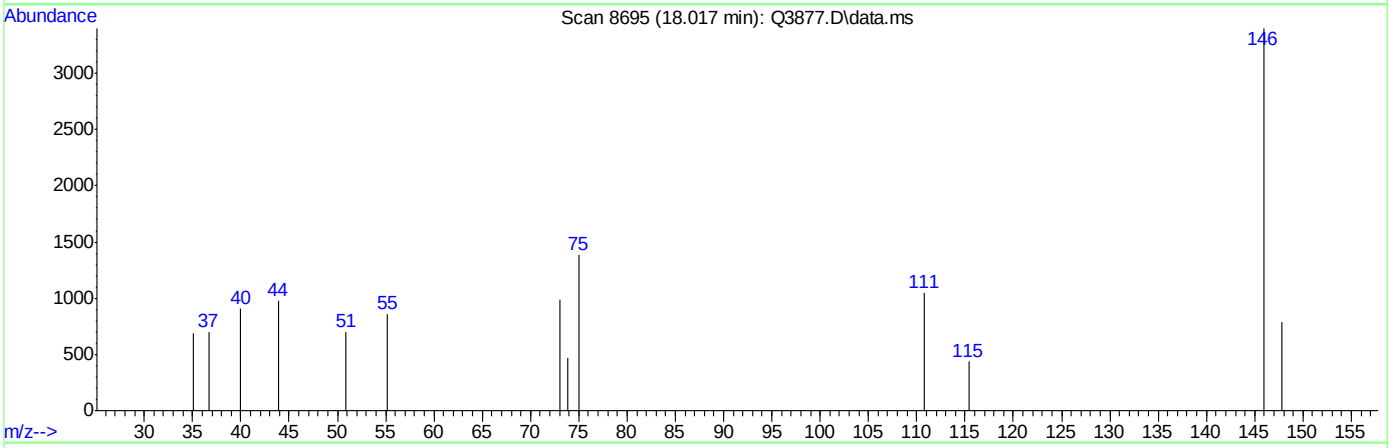
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





(70) p-DICHLOROBENZENE (m)

18.017min (-0.003) 0.35PPBV

response 2490

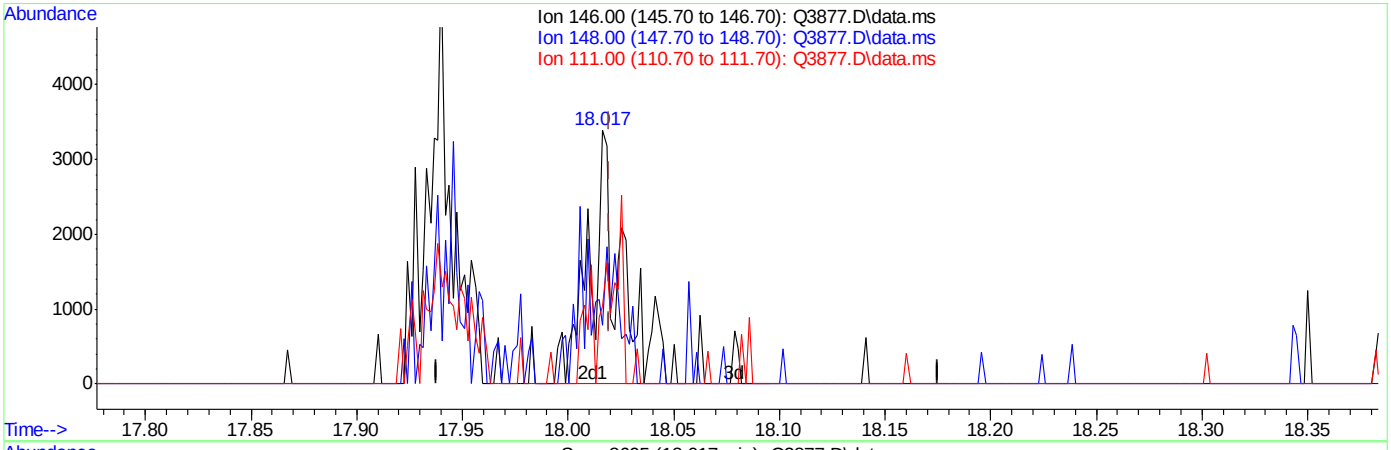
Ion	Exp%	Act%
146.00	100	100
148.00	63.40	0.00#
111.00	41.10	41.24
0.00	0.00	0.00

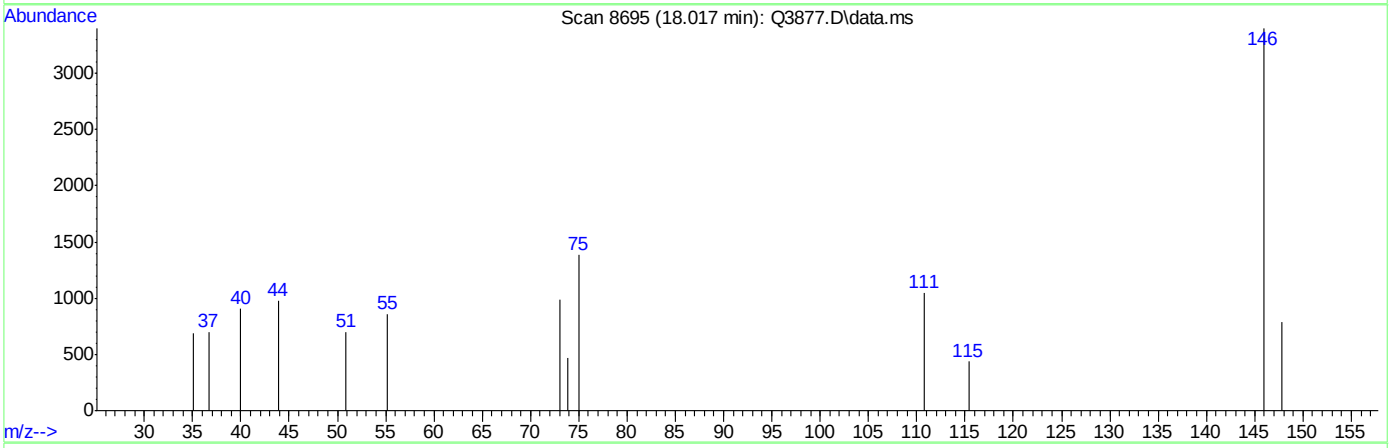
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
Acq On : 2 Jul 2007 4:06 pm
Operator : PhilipB
Sample : IC208-.5 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:29:15 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 : Mon Jul 02 18:29:12 2007
Response via : Initial Calibration





(70) p-DICHLOROBENZENE (m)

18.017min (-0.003) 0.53PPBV m

response 3812

Ion	Exp%	Act%
146.00	100	100
148.00	63.40	0.00#
111.00	41.10	26.94
0.00	0.00	0.00

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Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 07/06/07 11:27

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M186)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:45:31 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.641	128	122086	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.458	114	564487	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.705	117	448734	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.324	95	184116	4.29	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 85.80%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.040	85	21434	0.20	PPBV		82
3) PROPYLENE	3.959	41	2598m	0.29	PPBV		
4) FREON 114	4.292	85	16714	0.21	PPBV		99
5) CHLOROMETHANE	4.193	50	2666	0.20	PPBV	#	42
6) VINYL CHLORIDE	4.409	62	3679m	0.20	PPBV		
7) 1,3-BUTADIENE	4.544	39	4150m	0.25	PPBV		
8) BROMOMETHANE	4.835	94	5596m	0.25	PPBV		
9) CHLOROETHANE	5.015	64	1516m	0.18	PPBV		
10) TRICHLOROFLUOROMETHANE	5.787	101	26406m	0.23	PPBV		
11) ISOPROPYL ALCOHOL	5.847	45	9855m	0.28	PPBV		
12) ACETONE	5.607	43	20364m	0.47	PPBV		
13) PENTANE	6.131	42	6033m	0.30	PPBV		
14) 1,1-DICHLOROETHYLENE	6.415	96	4461m	0.19	PPBV		
15) CARBON DISULFIDE	6.859	76	16320	0.23	PPBV		86
16) ETHANOL	5.112	45	1849m	0.35	PPBV		
17) BROMOETHENE	5.359	106	4428	0.20	PPBV	#	32
18) METHYLENE CHLORIDE	6.545	84	18828	0.60	PPBV	#	30
19) 3-CHLOROPROPENE	6.671	39	5152m	0.20	PPBV		
20) FREON 113	6.798	151	12878	0.25	PPBV	#	67
21) TRANS-1,2-DICHLOROETHY...	7.466	96	5493m	0.25	PPBV		
22) TERTIARY BUTYL ALCOHOL	6.472	59	7662m	0.17	PPBV		
23) METHYL TERTIARY BUTYL ...	7.730	73	9132m	0.19	PPBV		
24) TETRAHYDROFURAN	9.180	42	1133m	0.12	PPBV		
25) HEXANE	8.664	57	6497	0.38	PPBV	#	77
26) VINYL ACETATE	7.782	43	7110m	0.20	PPBV		
27) 1,1-DICHLOROETHANE	7.672	63	7436	0.19	PPBV		89
28) METHYL ETHYL KETONE	8.044	43	4510m	0.18	PPBV		
29) cis-1,2-DICHLOROETHYLENE	8.477	96	2022m	0.16	PPBV		
30) ETHYL ACETATE	8.664	43	8029	0.20	PPBV	#	96
31) CHLOROFORM	8.749	83	8793m	0.19	PPBV		
32) 1,1,1-TRICHLOROETHANE	9.707	97	9530m	0.19	PPBV		
33) CARBON TETRACHLORIDE	10.293	117	12426m	0.20	PPBV		
34) 1,2-DICHLOROETHANE	9.464	62	4375m	0.14	PPBV		
36) BENZENE	10.156	78	5483	0.16	PPBV		63
37) CYCLOHEXANE	10.412	84	3119m	0.22	PPBV		
38) TRICHLOROETHYLENE	11.152	95	3929	0.18	PPBV	#	54
39) 1,2-DICHLOROPROPANE	10.912	63	2308m	0.19	PPBV		
40) BROMODICHLOROMETHANE	11.104	83	6598m	0.16	PPBV		
41) 2,2,4-TRIMETHYLPENTANE	11.166	57	8940m	0.17	PPBV		
42) 1,4-DIOXANE	11.173	88	951m	0.13	PPBV		
43) HEPTANE	11.399	43	1981m	0.11	PPBV		

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M186)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:45:31 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration

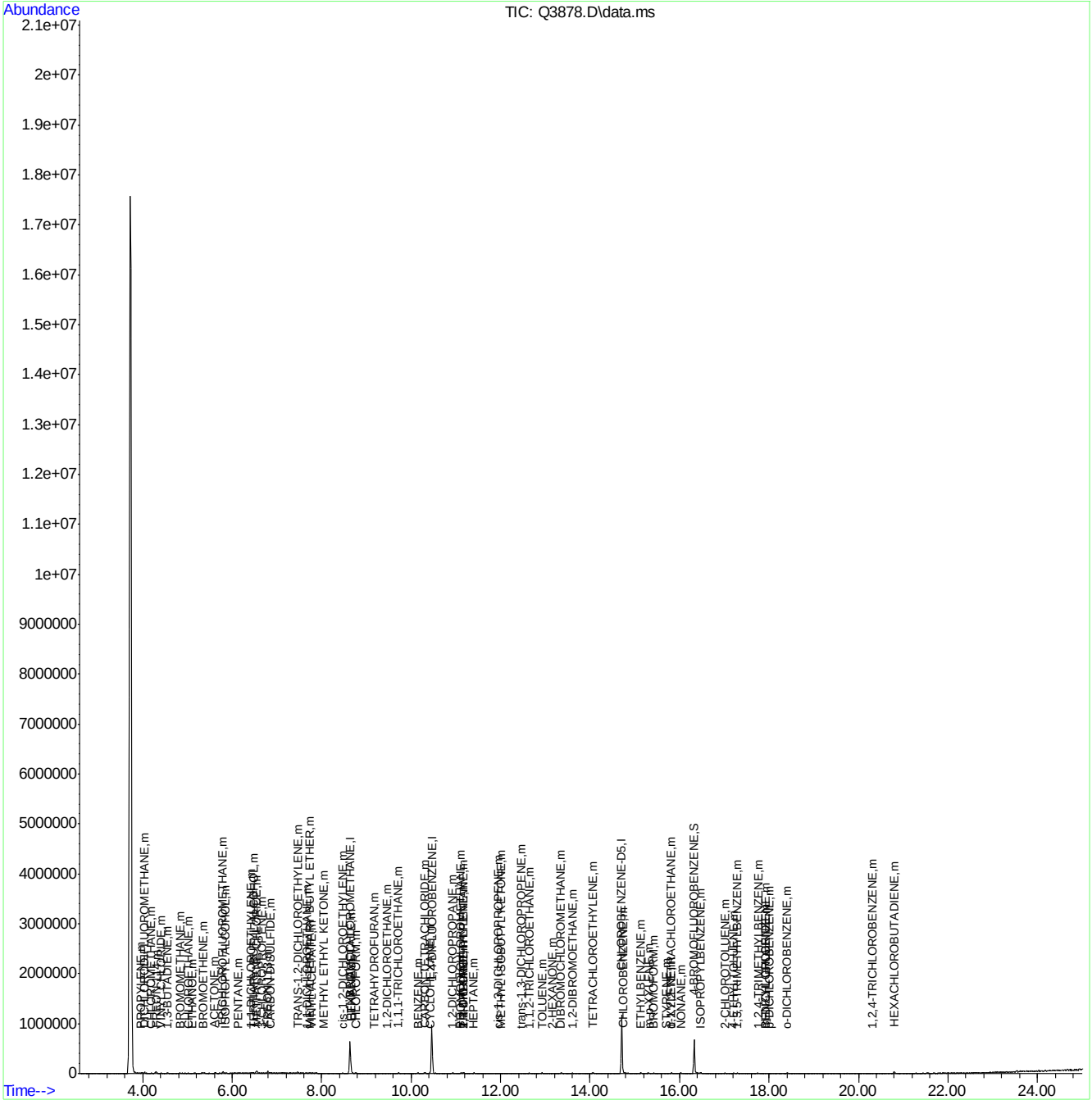
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.011	43	2163m	0.08	PPBV	
45) cis-1,3-DICHLOROPROPENE	11.961	75	2641m	0.12	PPBV	
46) TOLUENE	12.925	92	3690	0.16	PPBV #	33
47) trans-1,3-DICHLOROPROPENE	12.458	75	1702m	0.09	PPBV	
48) 1,1,2-TRICHLOROETHANE	12.659	83	2605m	0.18	PPBV	
50) 2-HEXANONE	13.168	43	1353m	0.06	PPBV	
51) TETRACHLOROETHYLENE	14.054	164	2555m	0.15	PPBV	
52) DIBROMOCHLOROMETHANE	13.347	129	4820m	0.14	PPBV	
53) 1,2-DIBROMOETHANE	13.603	107	3097m	0.13	PPBV	
54) CHLOROBENZENE	14.749	112	4340	0.15	PPBV	75
55) ETHYLBENZENE	15.133	91	5387	0.10	PPBV #	64
56) m,p-XYLENE	15.319	106	3049m	0.17	PPBV	
57) o-XYLENE	15.825	106	1624m	0.08	PPBV	
58) STYRENE	15.701	104	1501m	0.06	PPBV	
59) NONANE	16.029	43	2006	0.07	PPBV #	65
60) BROMOFORM	15.422	173	2990	0.09	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.816	83	4967m	0.13	PPBV	
63) ISOPROPYLBENZENE	16.458	105	5873m	0.10	PPBV	
64) 2-CHLOROTOLUENE	17.016	91	4376	0.09	PPBV #	55
65) 4-ETHYLTOLUENE	17.206	105	2532	0.05	PPBV #	89
66) 1,3,5-TRIMETHYLBENZENE	17.289	105	4068m	0.08	PPBV	
67) 1,2,4-TRIMETHYLBENZENE	17.759	105	2679	0.05	PPBV	89
68) m-DICHLOROBENZENE	17.940	146	917	0.03	PPBV #	66
69) BENZYL CHLORIDE	17.910	91	1179m	0.03	PPBV	
70) p-DICHLOROBENZENE	18.017	146	825m	0.03	PPBV	
71) o-DICHLOROBENZENE	18.398	146	1516	0.05	PPBV #	55
72) HEXACHLOROBUTADIENE	20.799	225	3719	0.12	PPBV #	81
73) 1,2,4-TRICHLOROBENZENE	20.319	180	562m	0.04	PPBV	

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M186)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

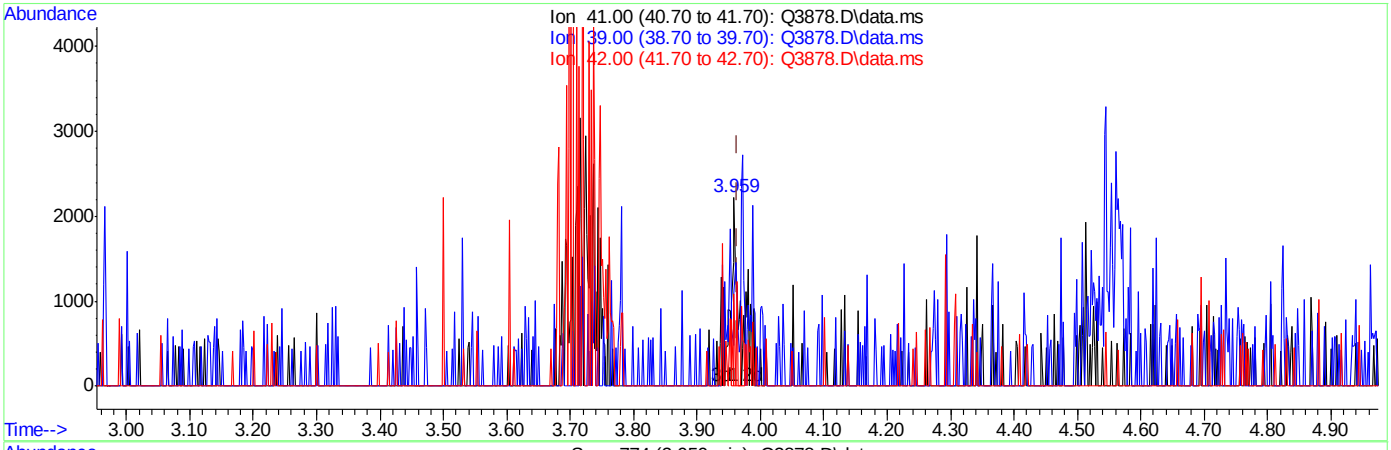
Quant Time: Jul 02 18:45:31 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration

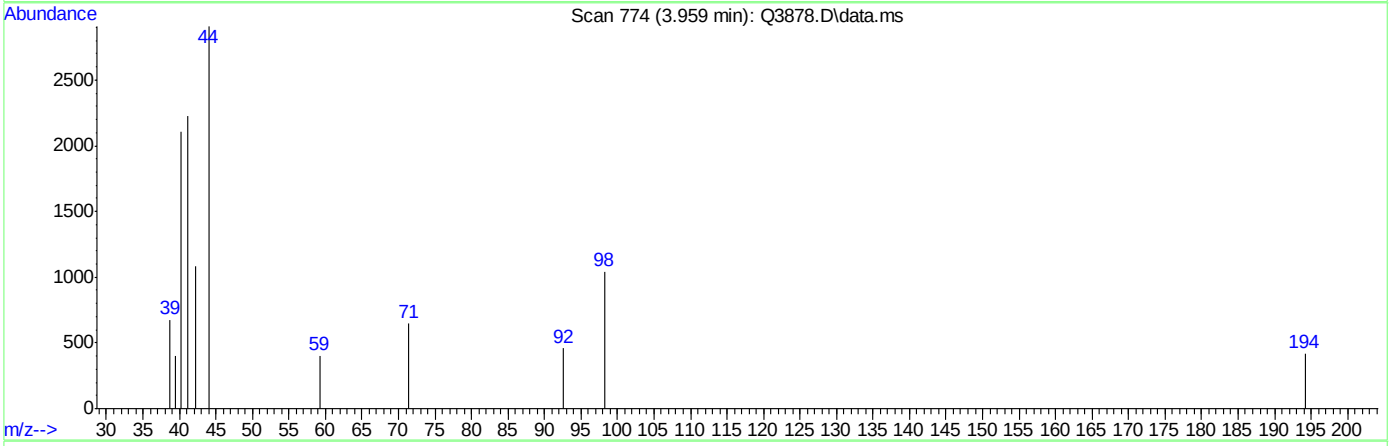


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(3) PROPYLENE (m)

3.959min (-0.005) 0.13PPBV

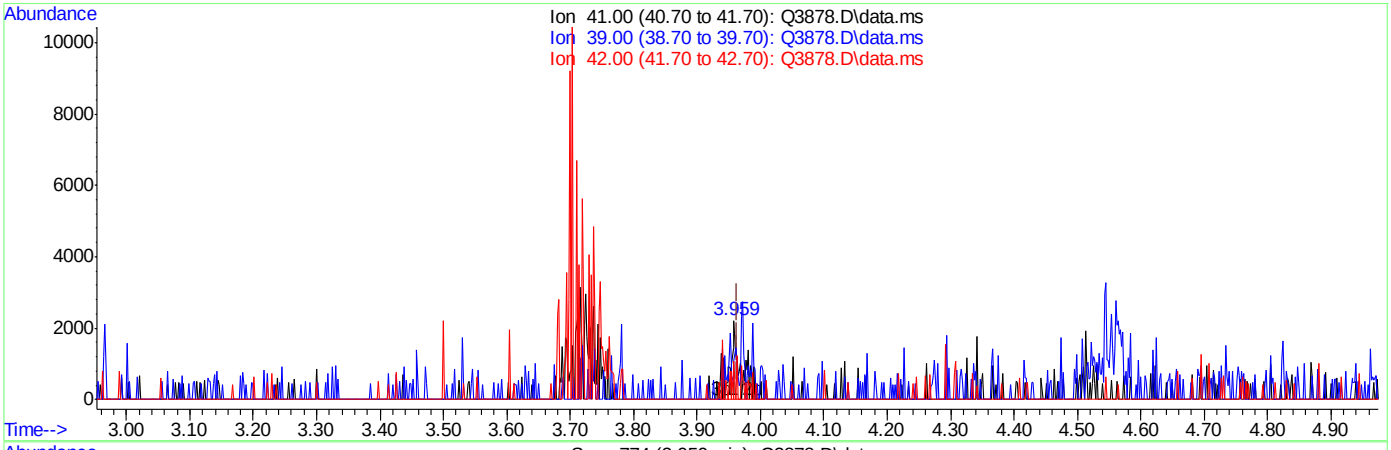
response 1201

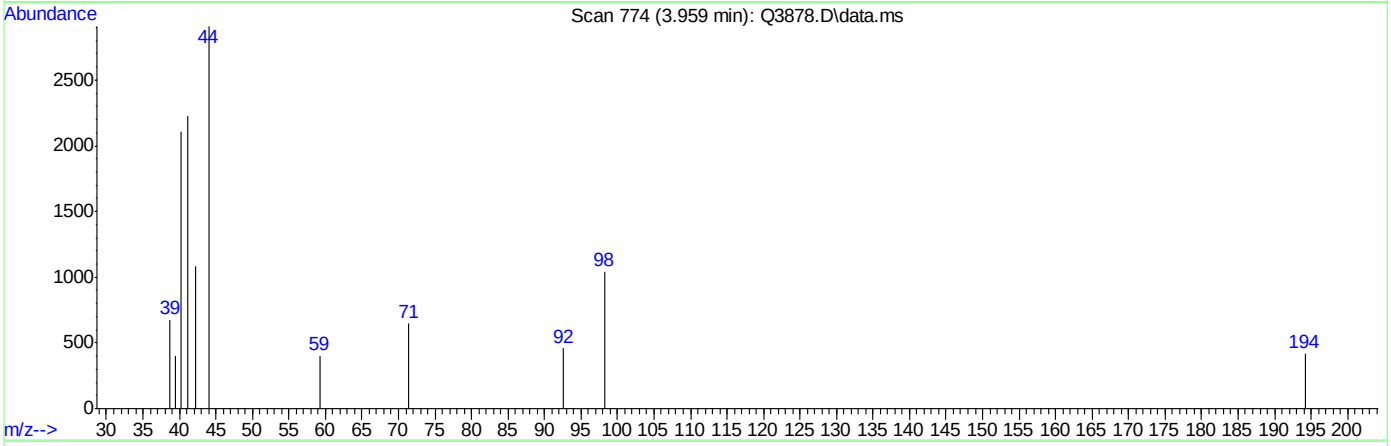
Ion	Exp%	Act%
41.00	100	100
39.00	72.50	48.60#
42.00	67.80	48.78
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(3) PROPYLENE (m)

3.959min (-0.005) 0.29PPBV m

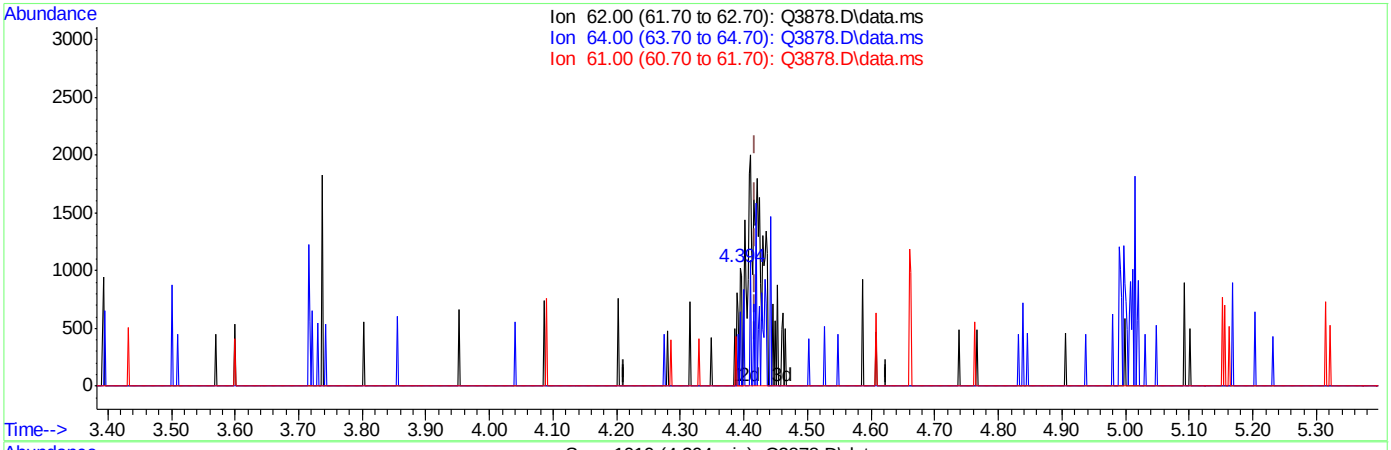
response 2598

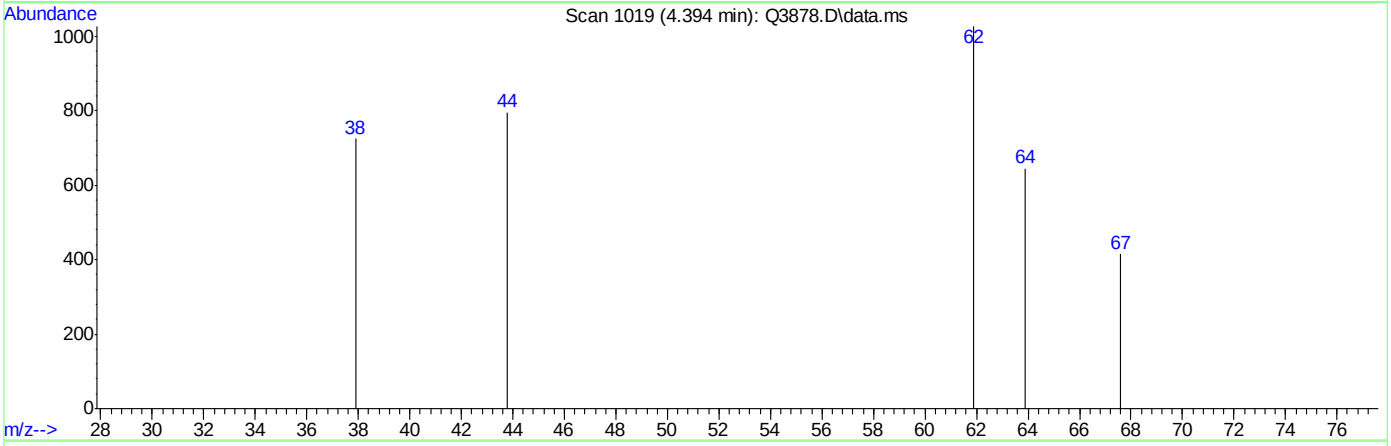
Ion	Exp%	Act%
41.00	100	100
39.00	72.50	30.51#
42.00	67.80	48.78
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(6) VINYL CHLORIDE (m)

4.394min (-0.025) 0.02PPBV

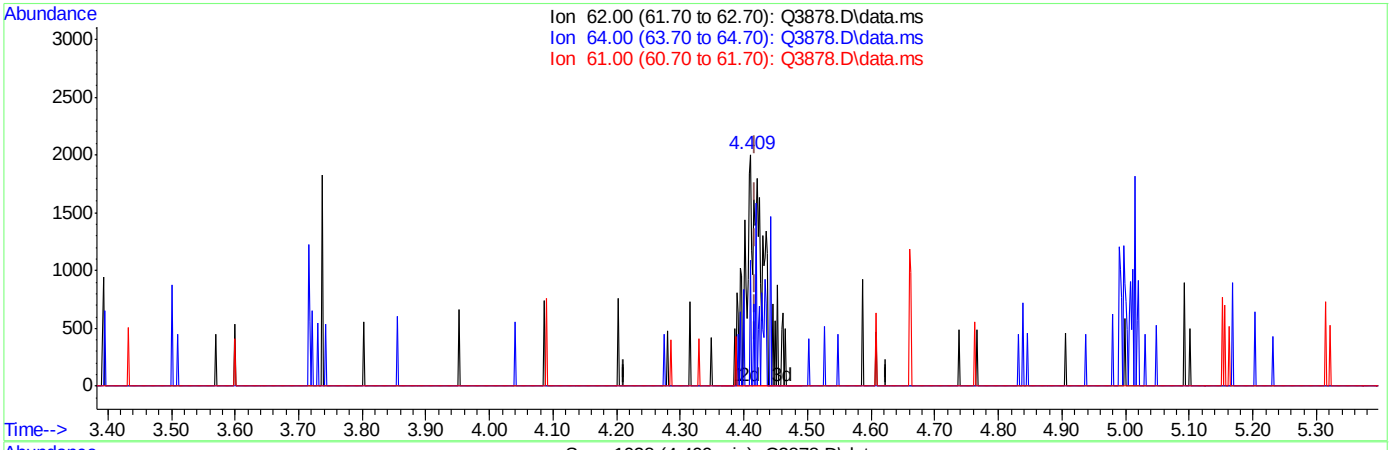
response 416

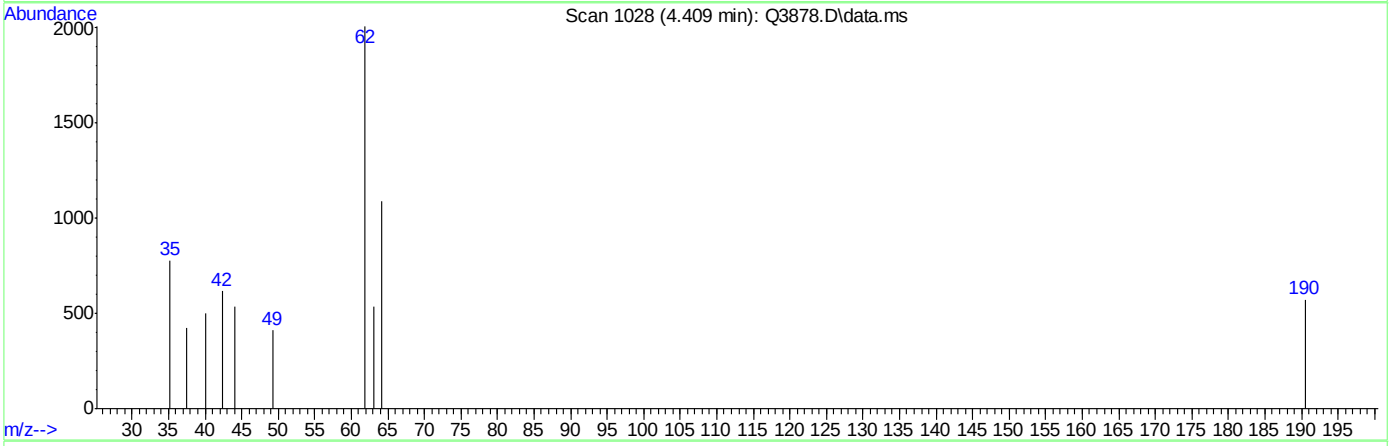
Ion	Exp%	Act%
62.00	100	100
64.00	30.40	49.28
61.00	8.60	10.82
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(6) VINYL CHLORIDE (m)

4.409min (-0.009) 0.20PPBV m

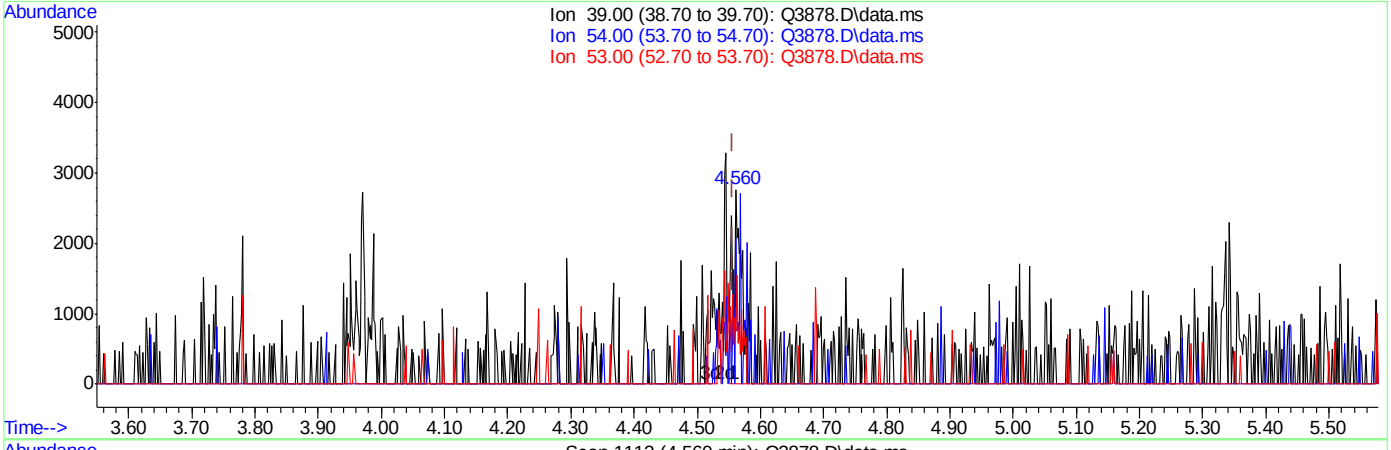
response 3679

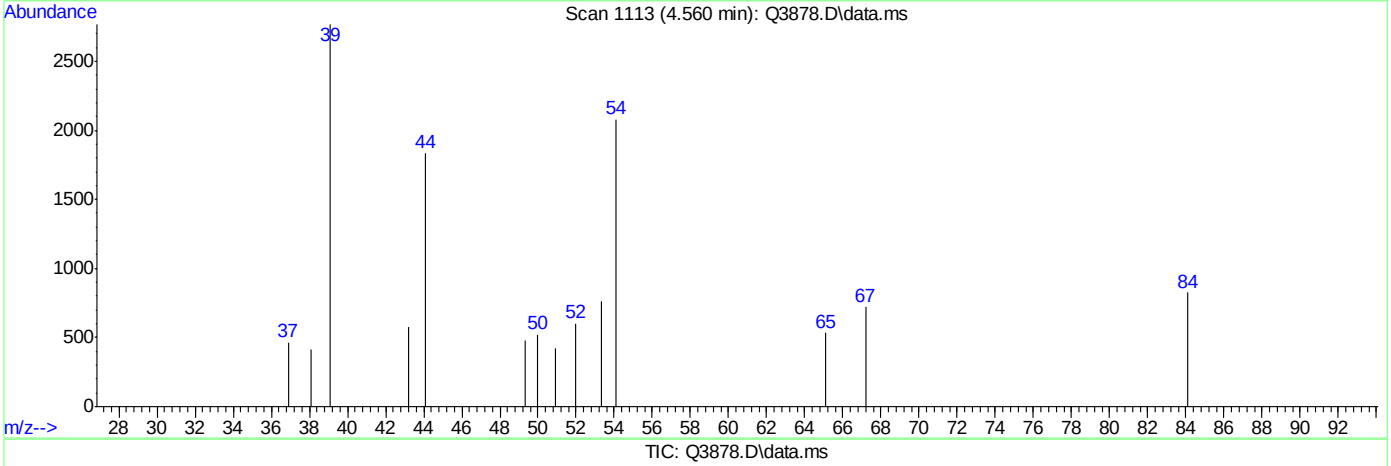
Ion	Exp%	Act%
62.00	100	100
64.00	30.40	5.57#
61.00	8.60	1.22
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(7) 1,3-BUTADIENE (m)

4.560min (+0.004) 0.15PPBV

response 2514

Ion	Exp%	Act%
39.00	100	100
54.00	111.20	46.66#
53.00	75.80	0.00#
0.00	0.00	0.00

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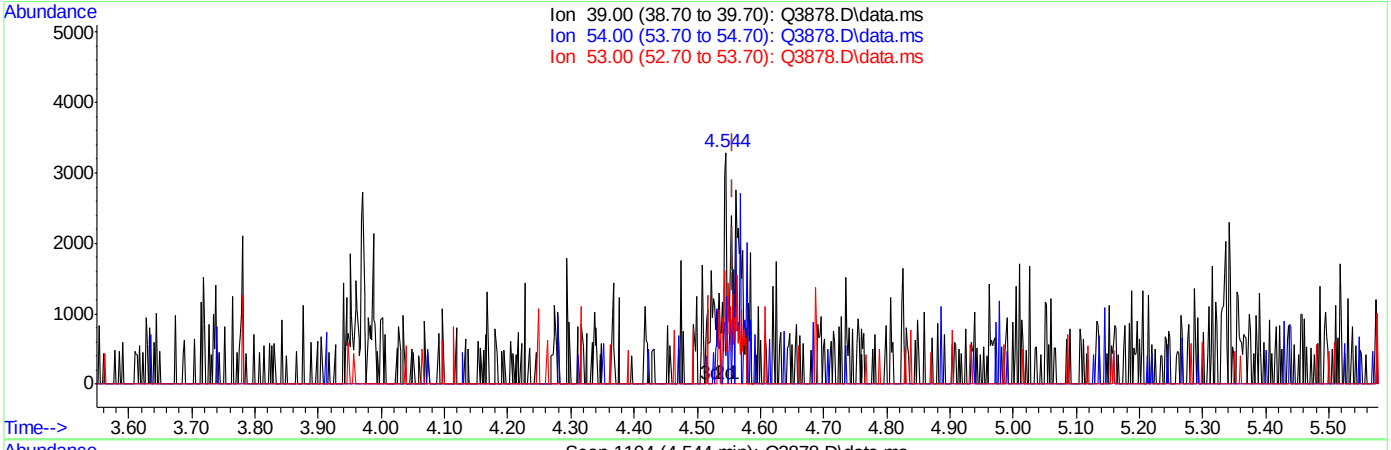
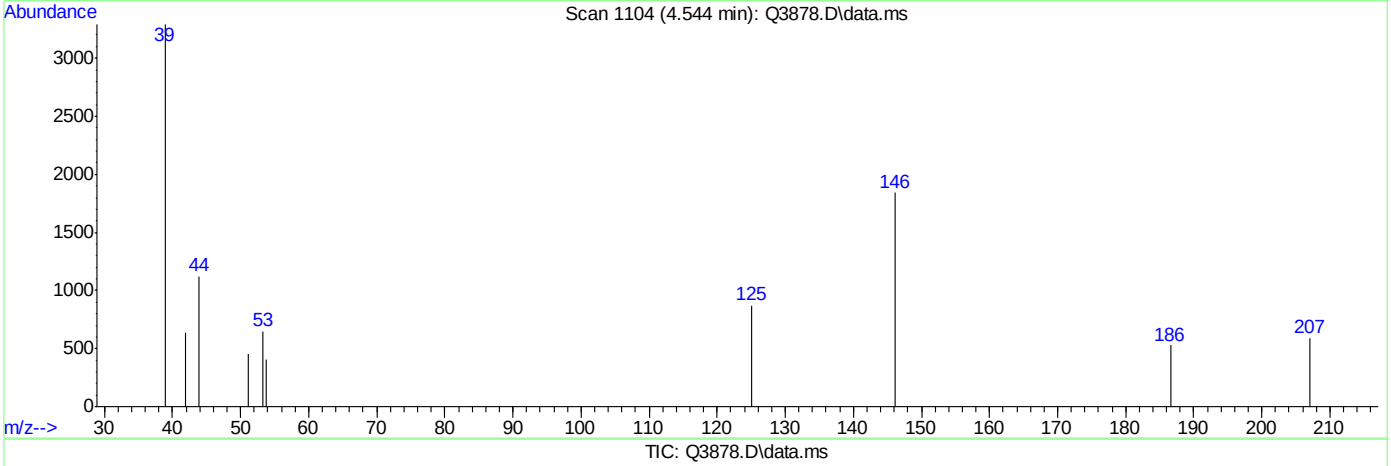
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(7) 1,3-BUTADIENE (m)

4.544min (-0.012) 0.25PPBV m

response 4150

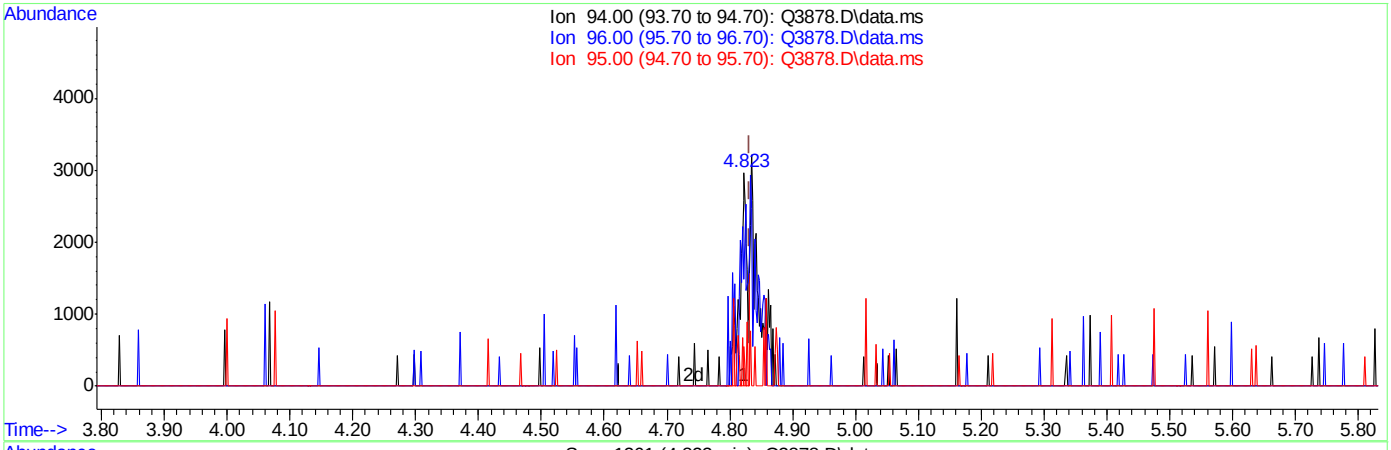
Ion	Exp%	Act%
39.00	100	100
54.00	111.20	28.27#
53.00	75.80	0.00#
0.00	0.00	0.00

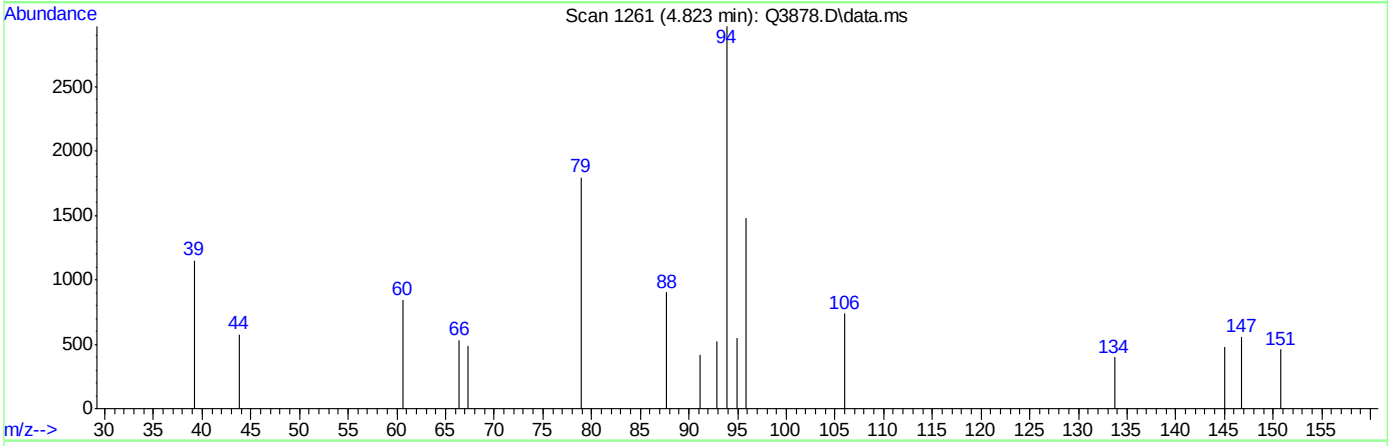
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(8) BROMOMETHANE (m)

4.823min (-0.009) 0.12PPBV

response 2709

Ion	Exp%	Act%
94.00	100	100
96.00	93.00	59.69#
95.00	13.50	8.71
0.00	0.00	0.00

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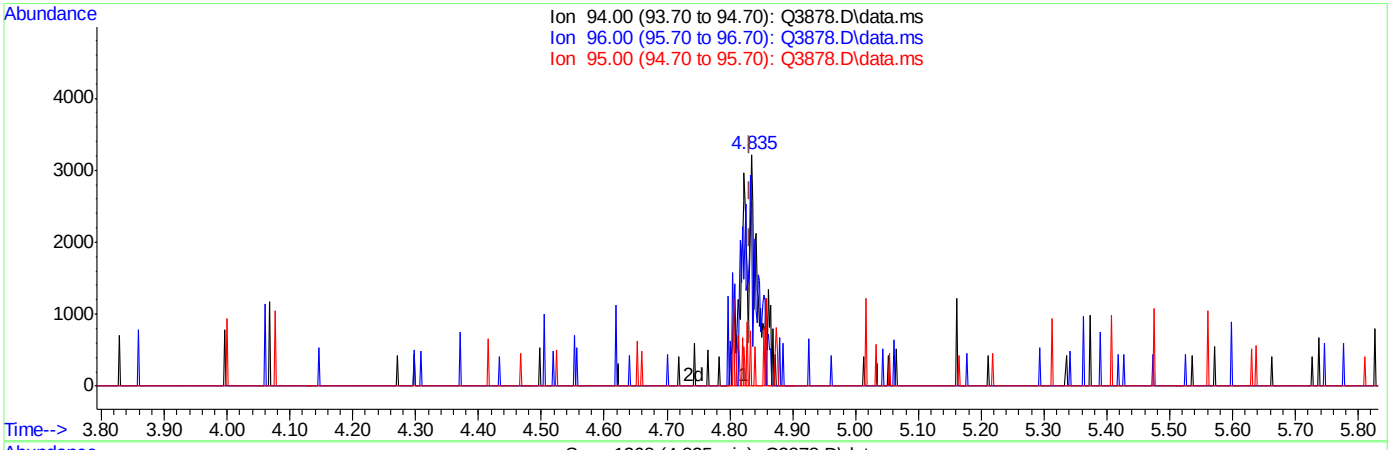
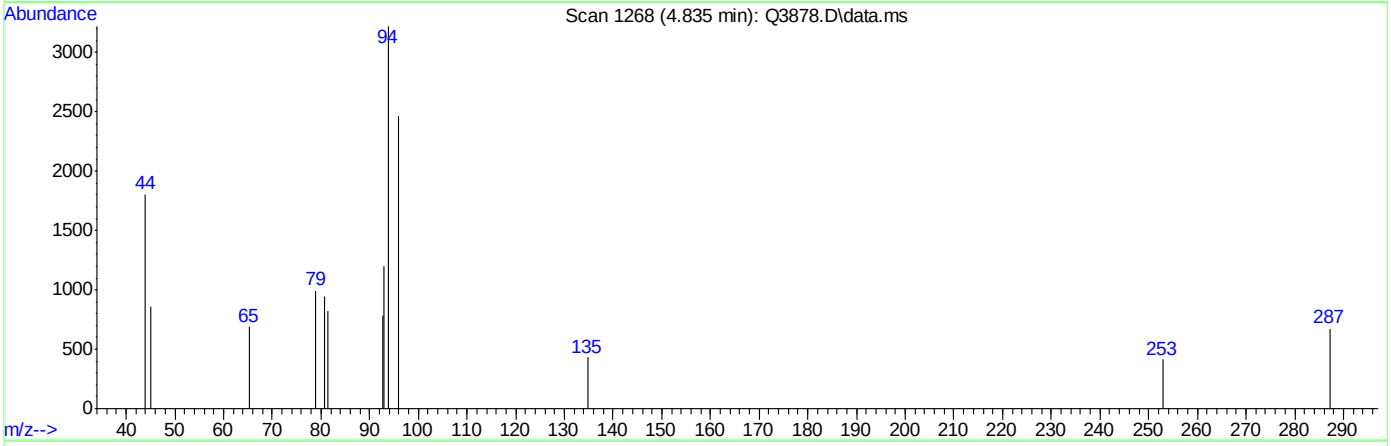
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(8) BROMOMETHANE (m)

4.835min (+0.004) 0.25PPBV m

response 5596

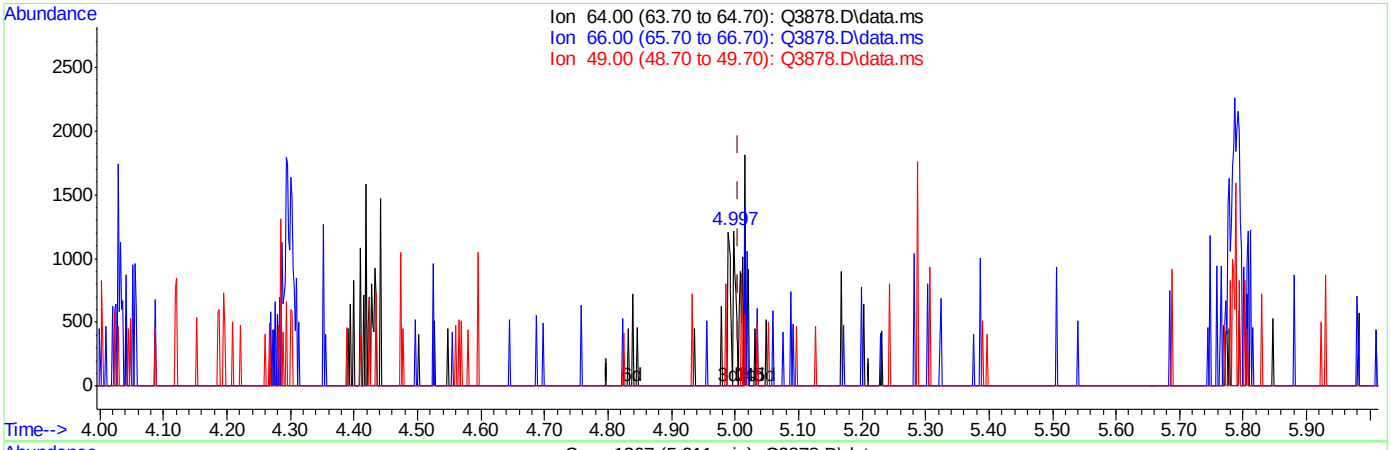
Ion	Exp%	Act%
94.00	100	100
96.00	93.00	28.90#
95.00	13.50	4.22
0.00	0.00	0.00

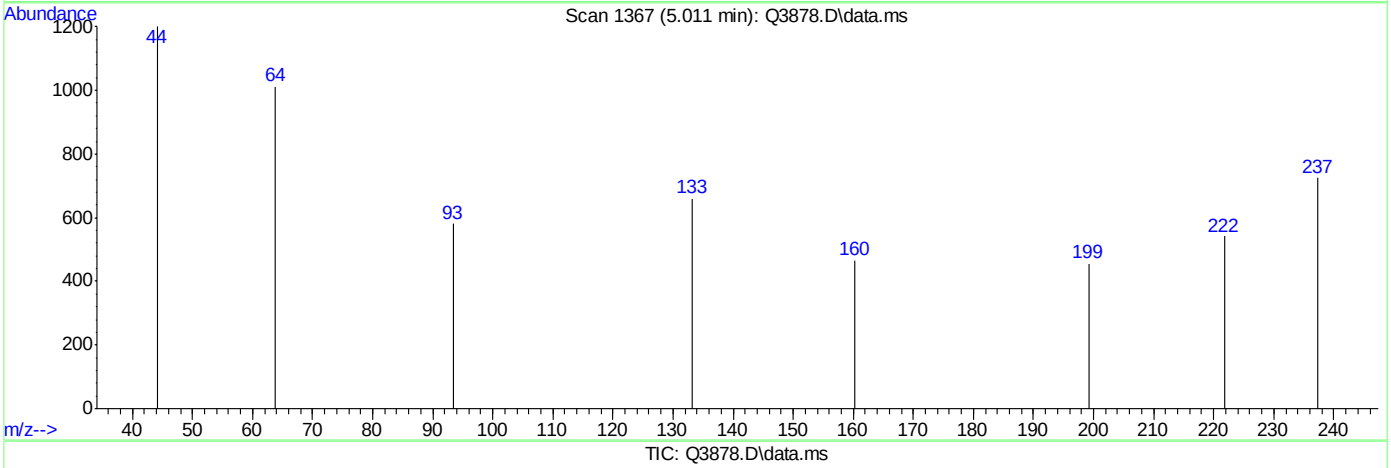
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(9) CHLOROETHANE (m)

5.011min (+0.005) 0.08PPBV

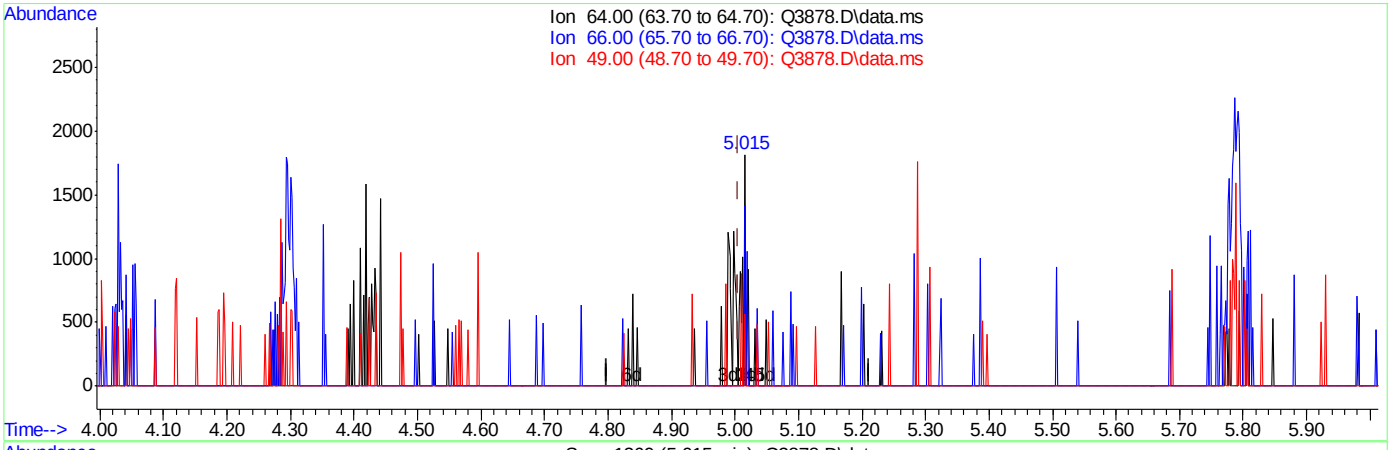
response 677

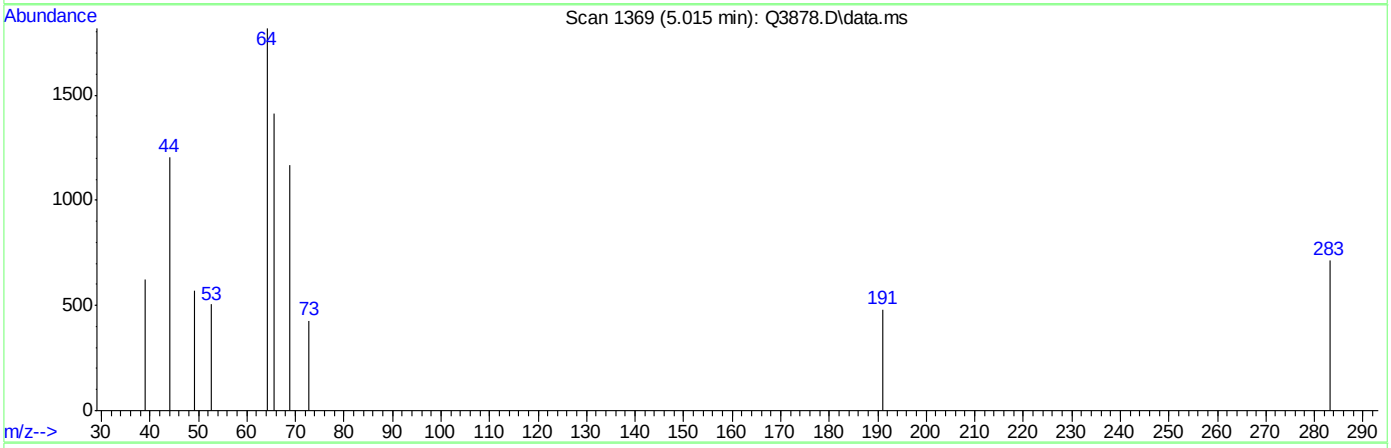
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	0.00#
49.00	36.50	22.75
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(9) CHLOROETHANE (m)

5.015min (+0.009) 0.18PPBV m

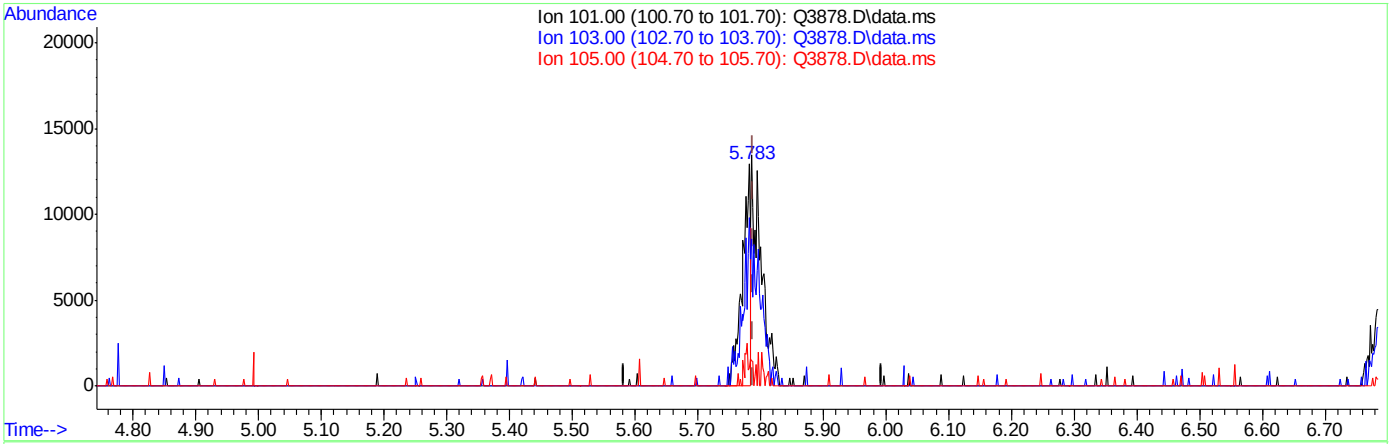
response 1516

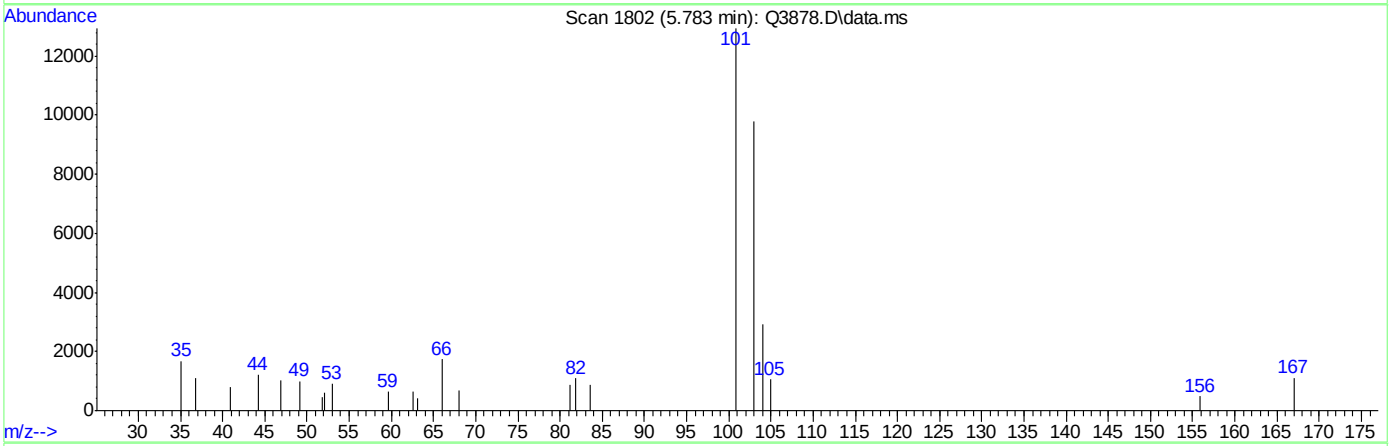
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	0.00#
49.00	36.50	10.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





(10) TRICHLOROFLUOROMETHANE (m)

5.783min (-0.005) 0.11PPBV

response 12104

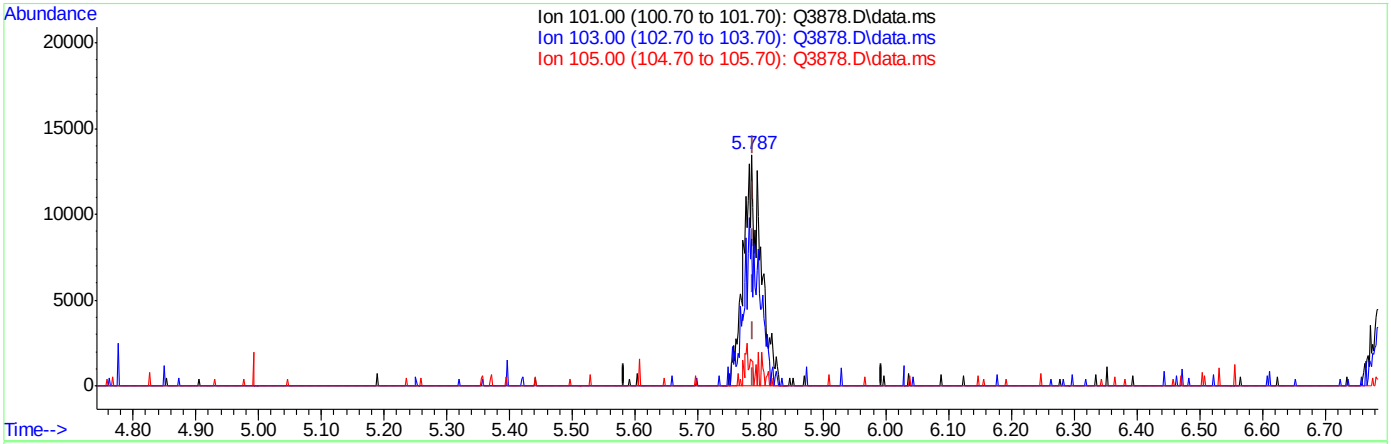
Ion	Exp%	Act%
101.00	100	100
103.00	64.30	93.60#
105.00	10.20	14.50
0.00	0.00	0.00

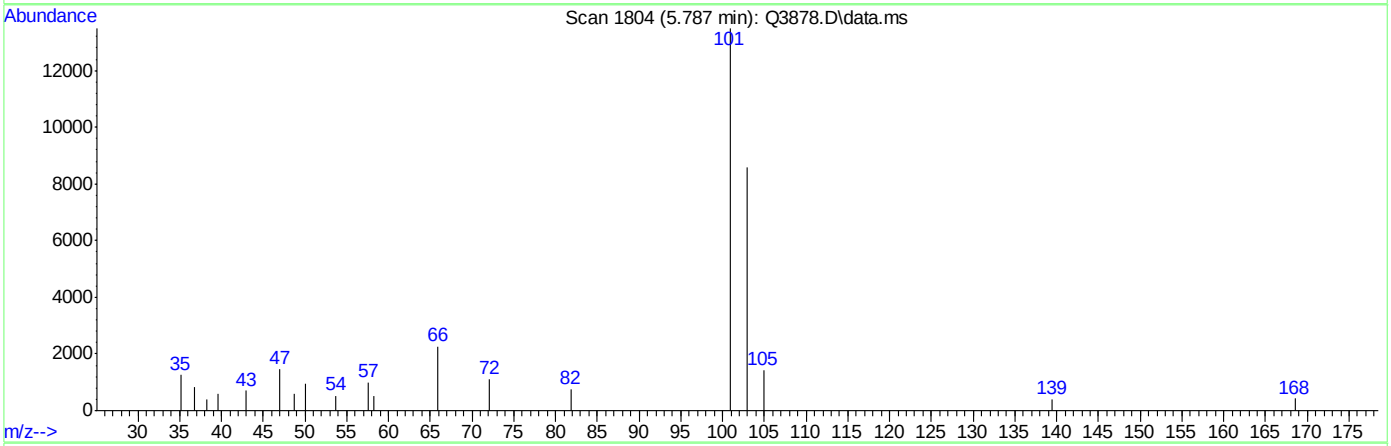
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(10) TRICHLOROFLUOROMETHANE (m)

5.787min (-0.002) 0.23PPBV m

response 26406

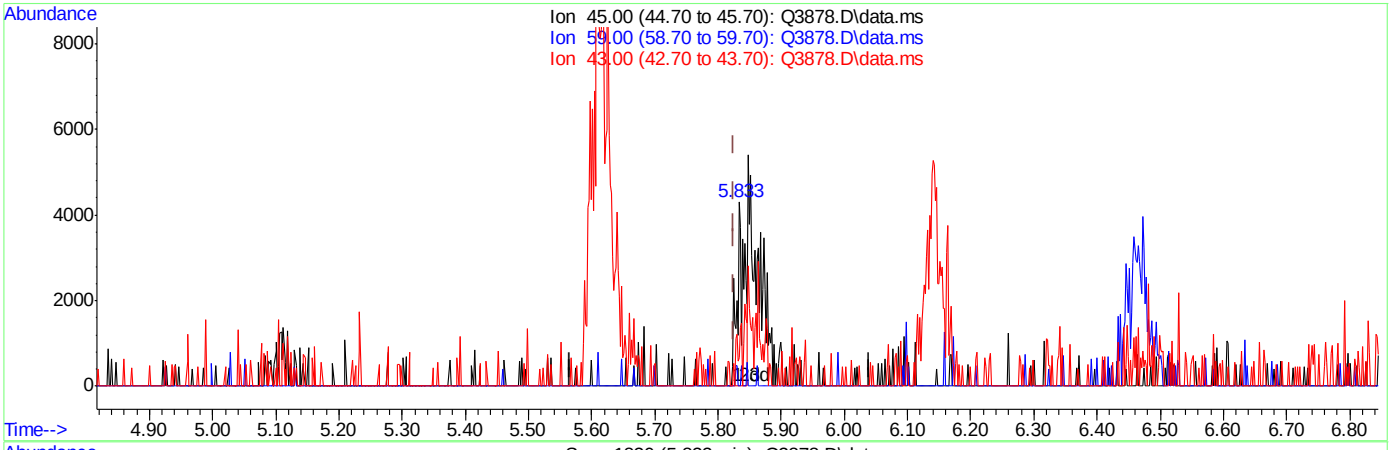
Ion	Exp%	Act%
101.00	100	100
103.00	64.30	42.90#
105.00	10.20	6.65
0.00	0.00	0.00

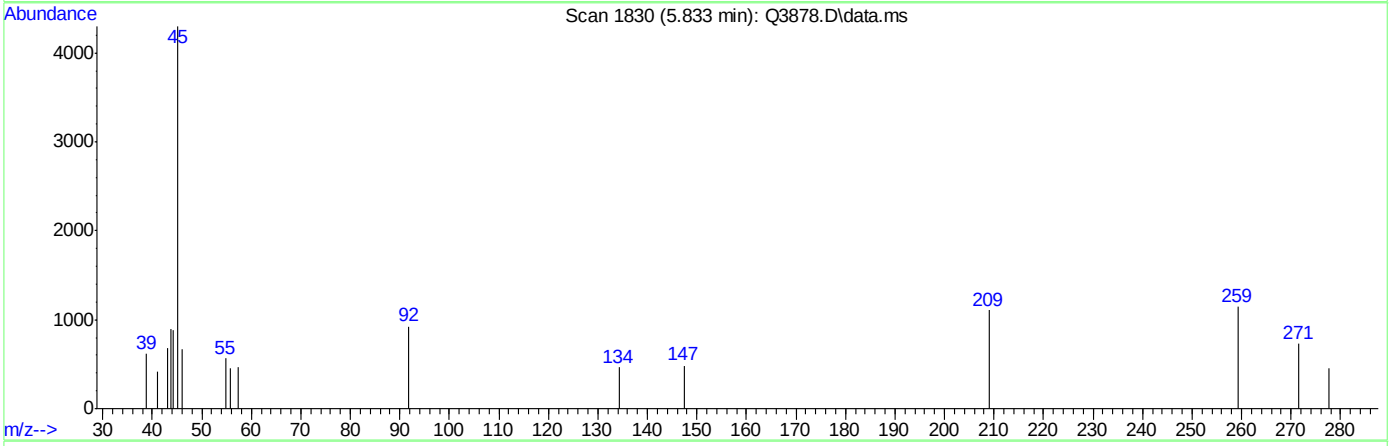
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.833min (+0.008) 0.09PPBV

response 3333

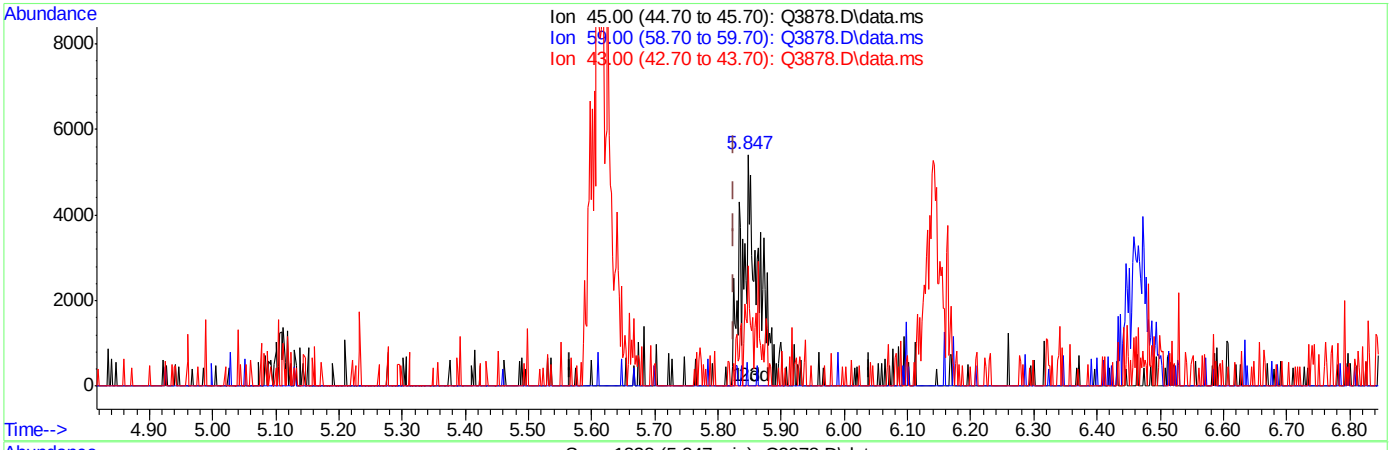
Ion	Exp%	Act%
45.00	100	100
59.00	3.70	0.00
43.00	19.70	15.75
0.00	0.00	0.00

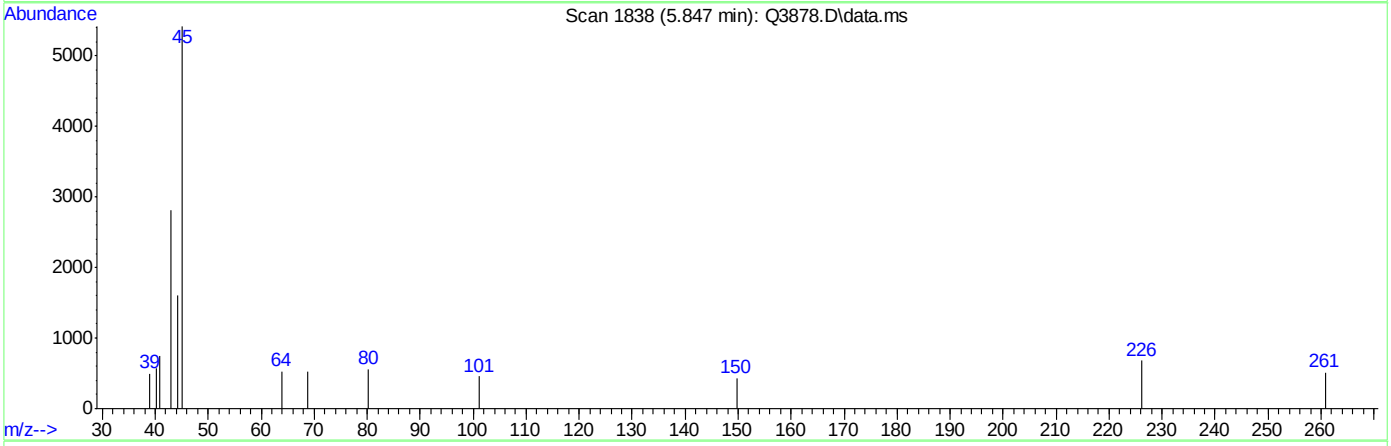
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.847min (+0.022) 0.28PPBV m

response 9855

Ion	Exp%	Act%
45.00	100	100
59.00	3.70	0.00
43.00	19.70	51.86#
0.00	0.00	0.00

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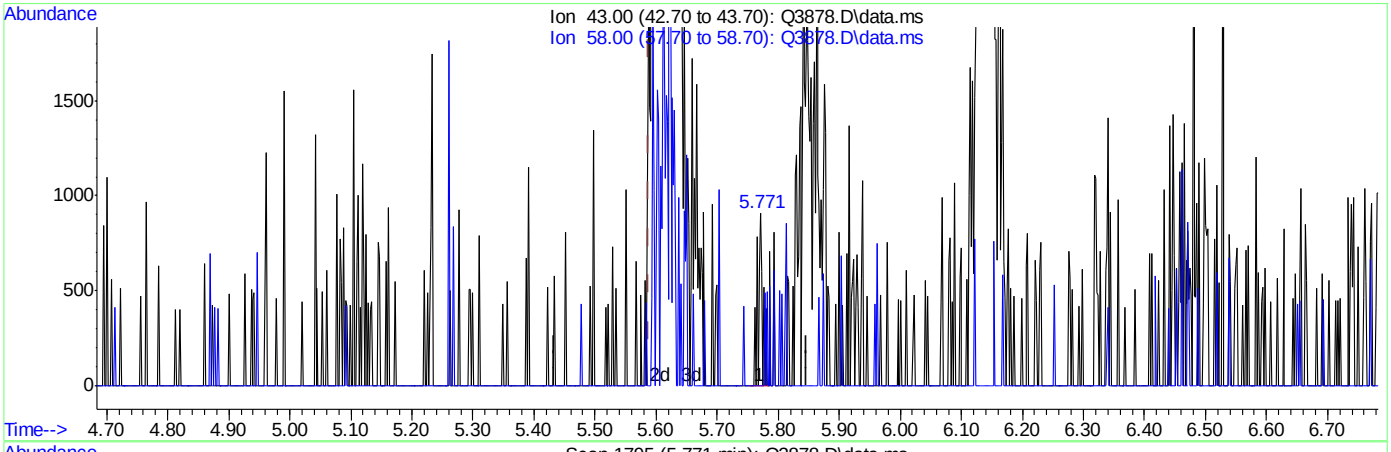
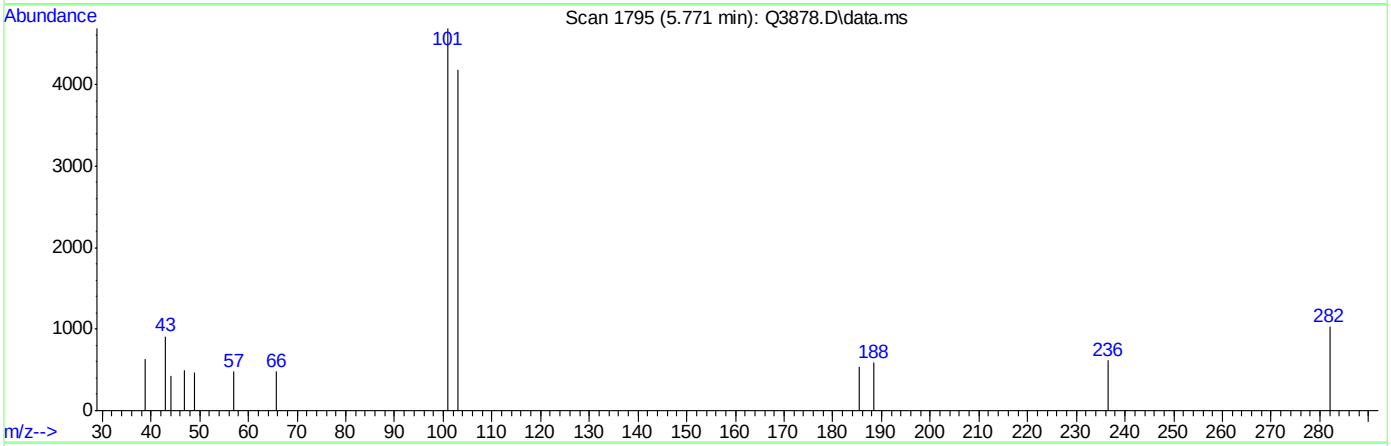
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





(12) ACETONE (m)

5.771min (+0.182) 0.01PPBV

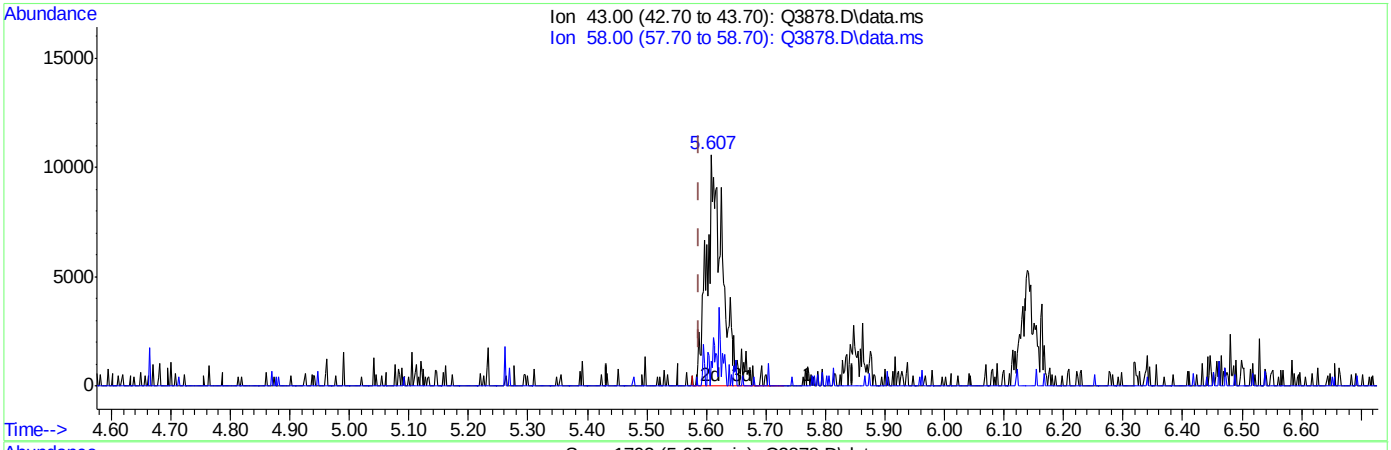
response 454

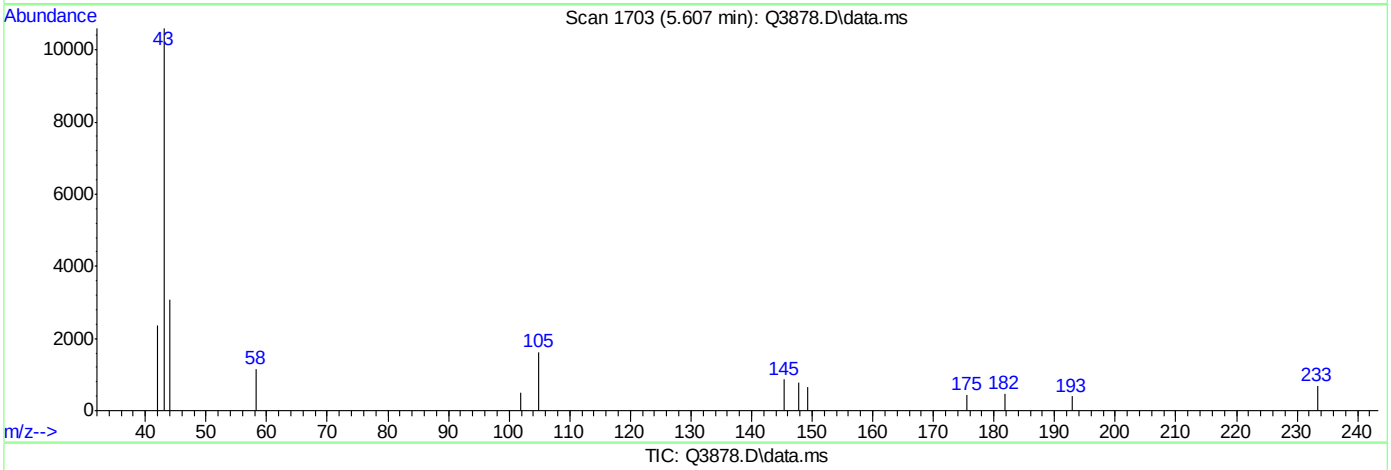
Ion	Exp%	Act%
43.00	100	100
58.00	29.00	24.01
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(12) ACETONE (m)

5.607min (+0.018) 0.47PPBV m

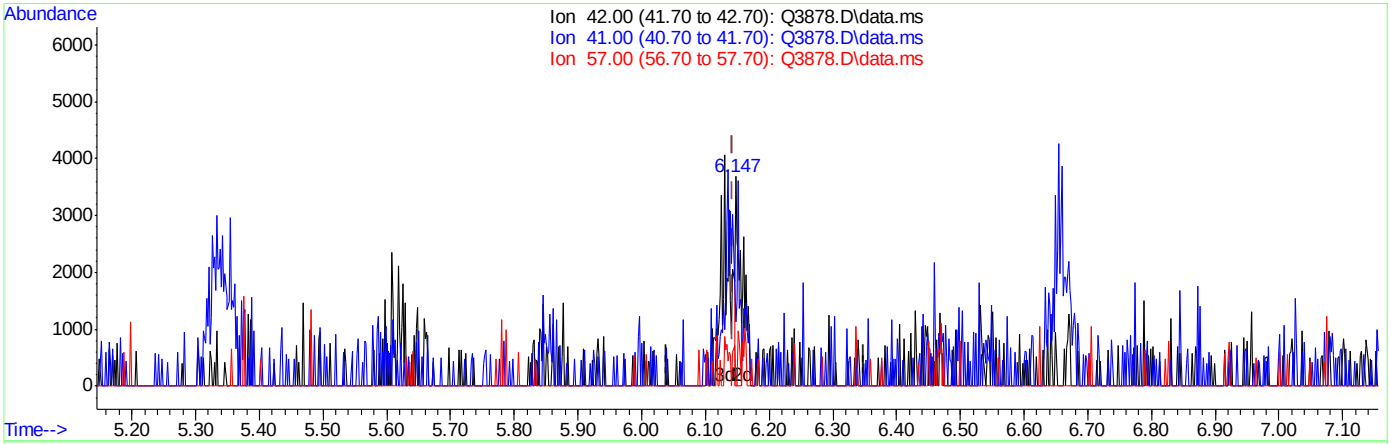
response 20364

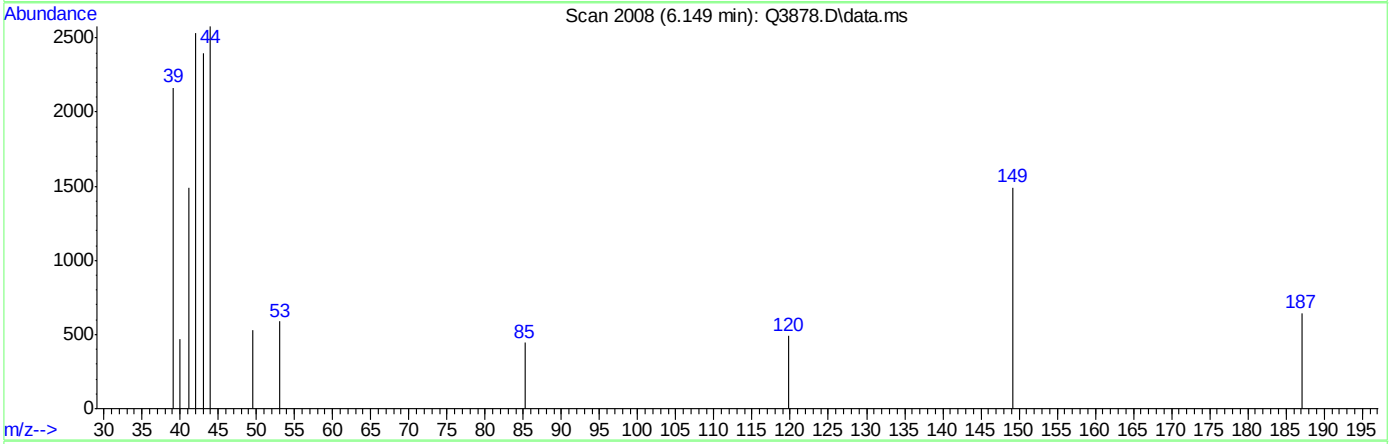
Ion	Exp%	Act%
43.00	100	100
58.00	29.00	0.54#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(13) PENTANE (m)

6.149min (+0.006) 0.07PPBV

response 1483

Ion	Exp%	Act%
42.00	100	100
41.00	94.80	0.00#
57.00	28.90	9.44
0.00	0.00	0.00

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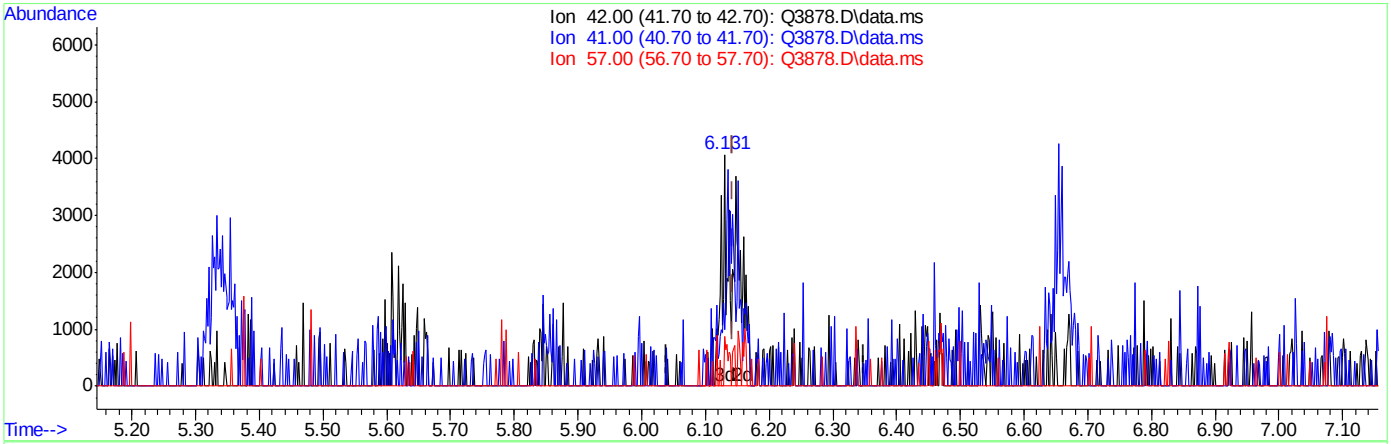
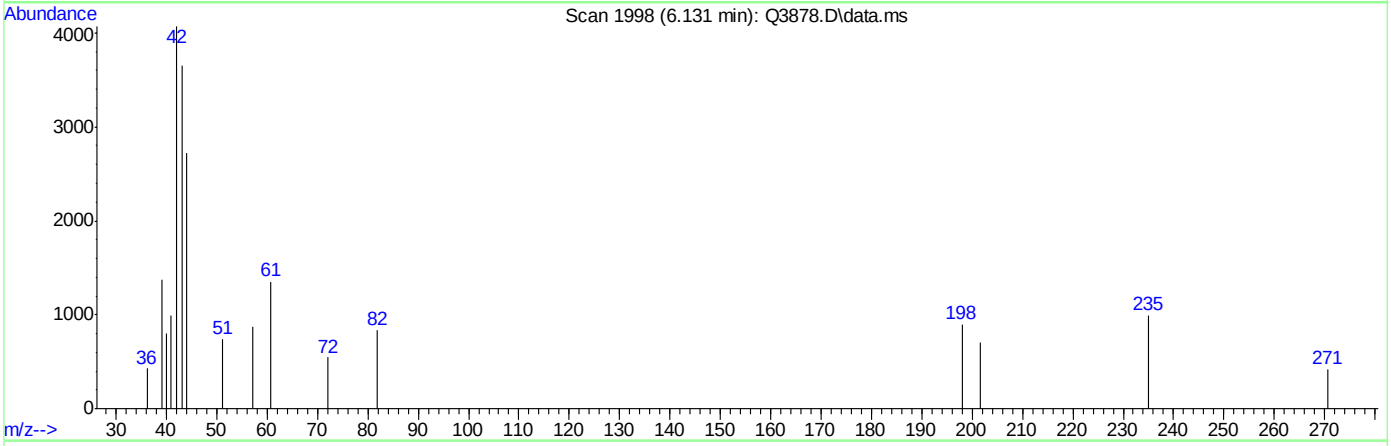
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(13) PENTANE (m)

6.131min (-0.012) 0.30PPBV m

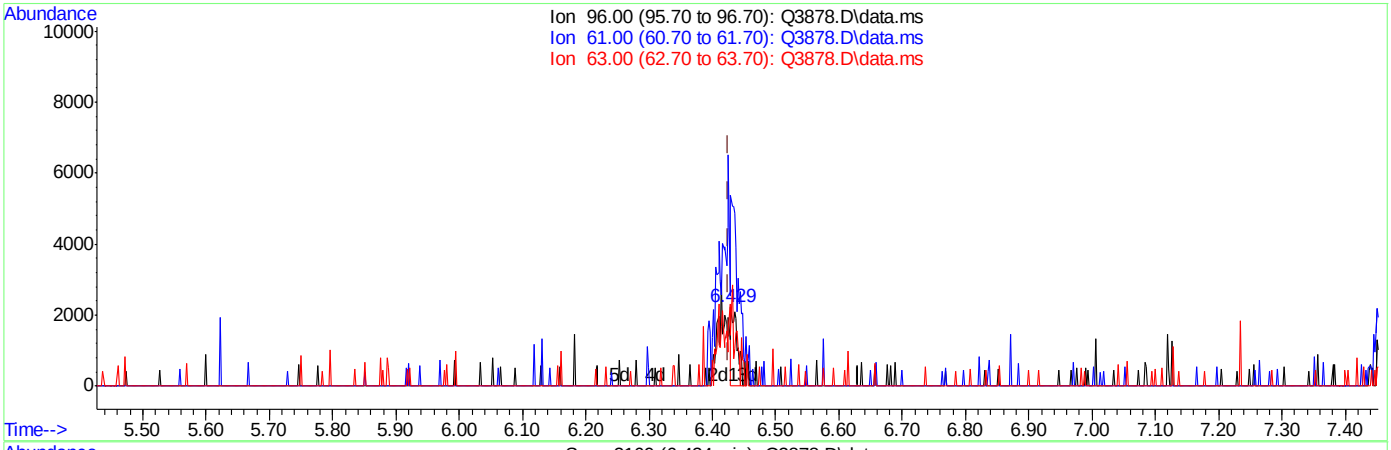
response 6033

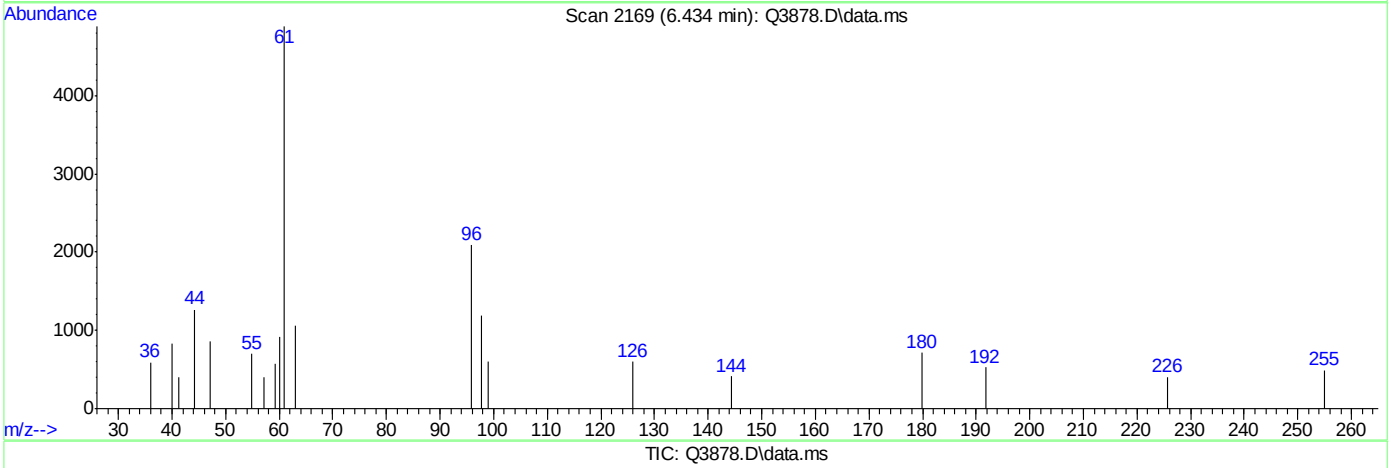
Ion	Exp%	Act%
42.00	100	100
41.00	94.80	0.00#
57.00	28.90	2.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(14) 1,1-DICHLOROETHYLENE (m)

6.434min (+0.009) 0.07PPBV

response 1593

Ion	Exp%	Act%
96.00	100	100
61.00	213.40	296.30#
63.00	65.80	125.17#
0.00	0.00	0.00

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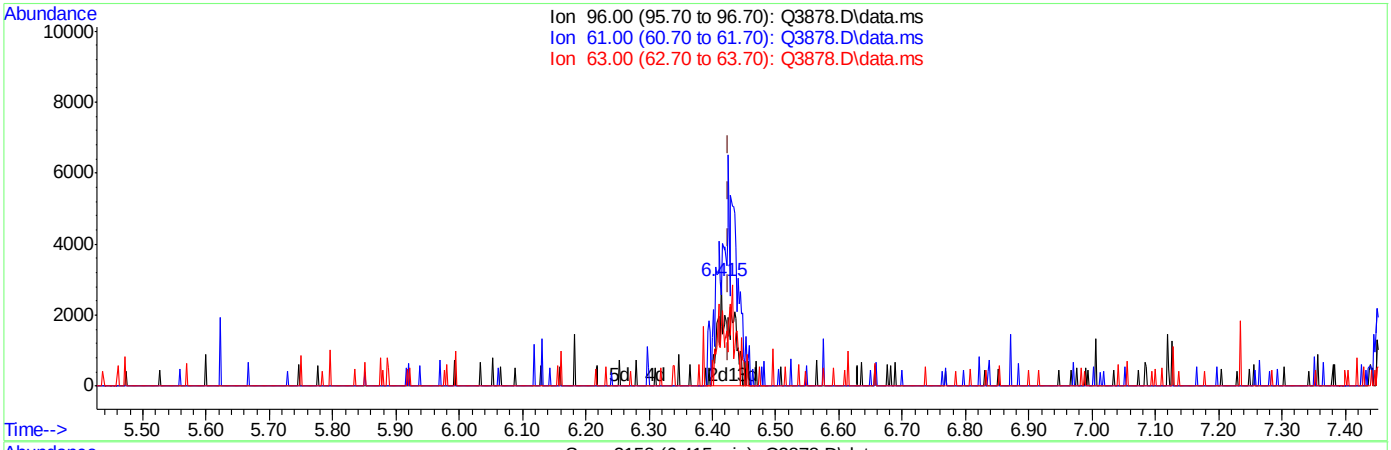
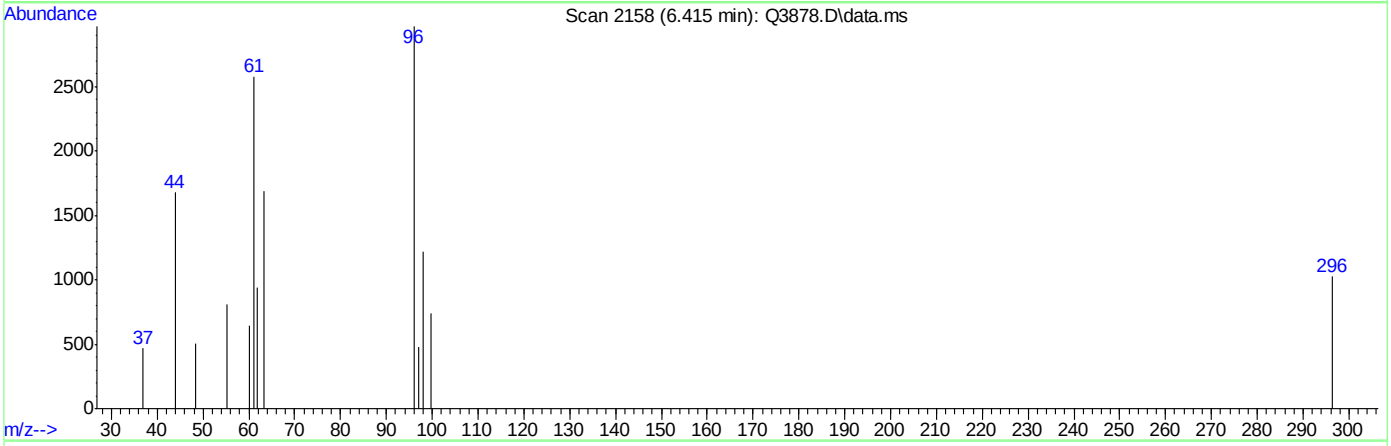
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(14) 1,1-DICHLOROETHYLENE (m)

6.415min (-0.011) 0.19PPBV m

response 4461

Ion	Exp%	Act%
96.00	100	100
61.00	213.40	105.81#
63.00	65.80	44.70#
0.00	0.00	0.00

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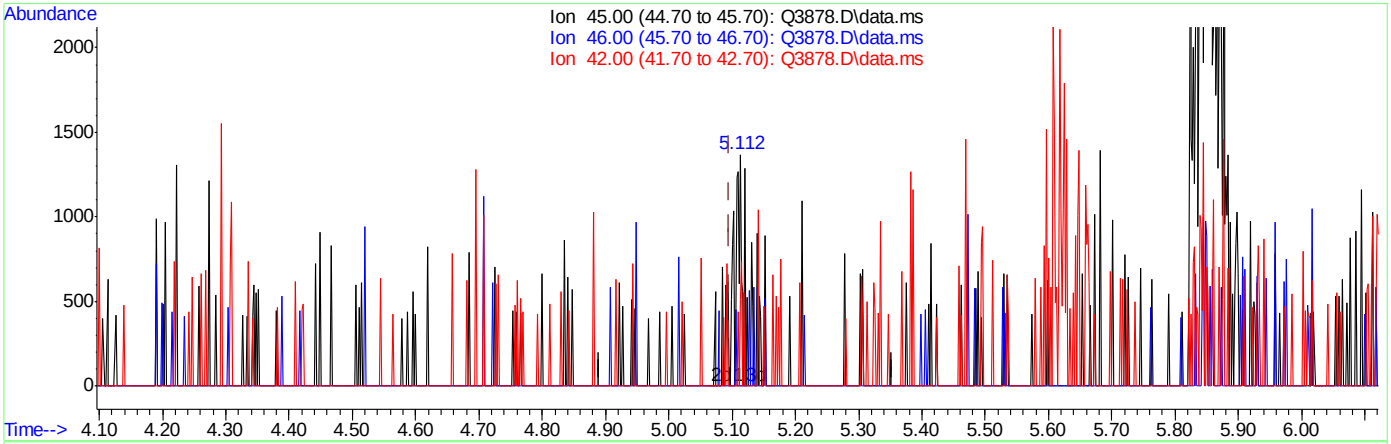
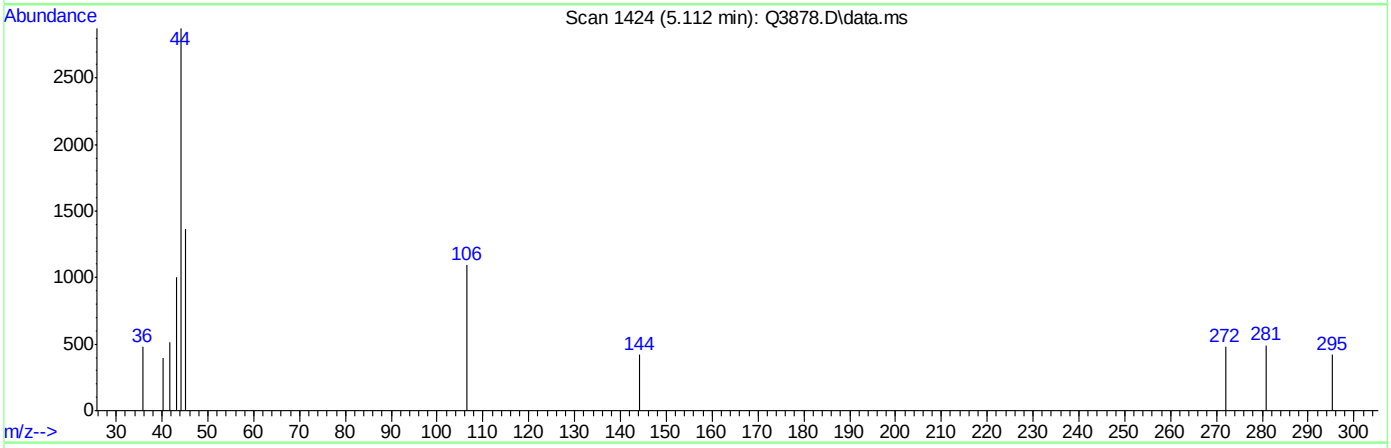
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(16) ETHANOL (m)

5.112min (+0.016) 0.20PPBV

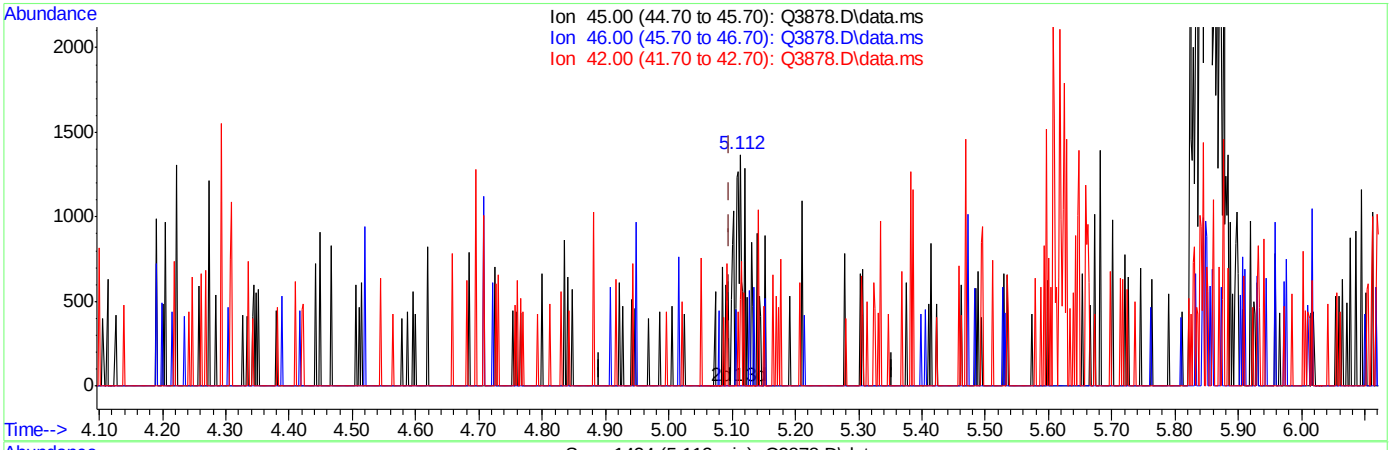
response 1041

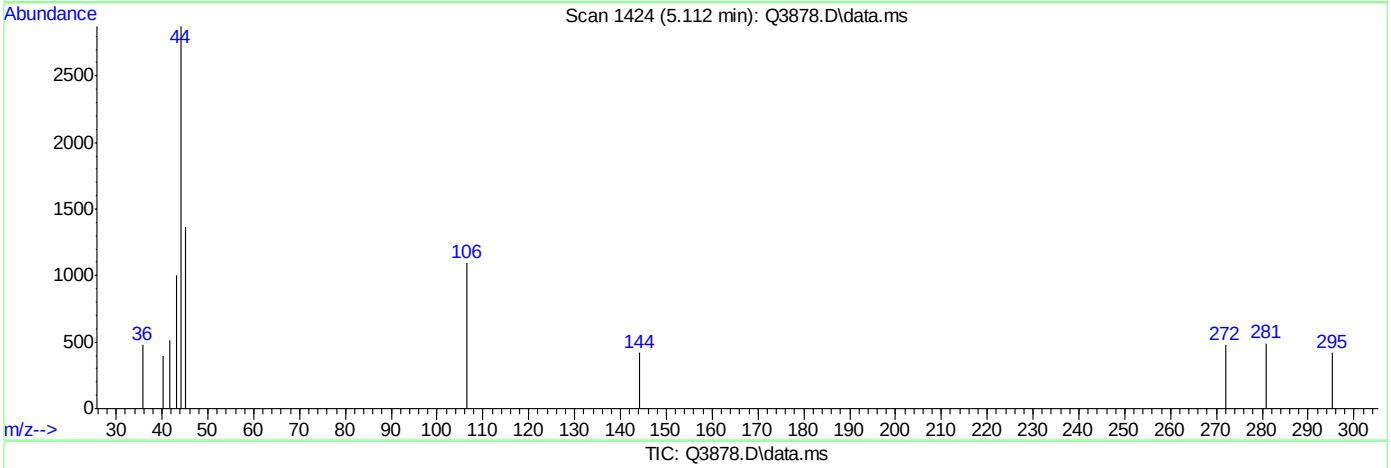
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	0.00#
42.00	8.40	22.96
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(16) ETHANOL (m)

5.112min (+0.016) 0.35PPBV m

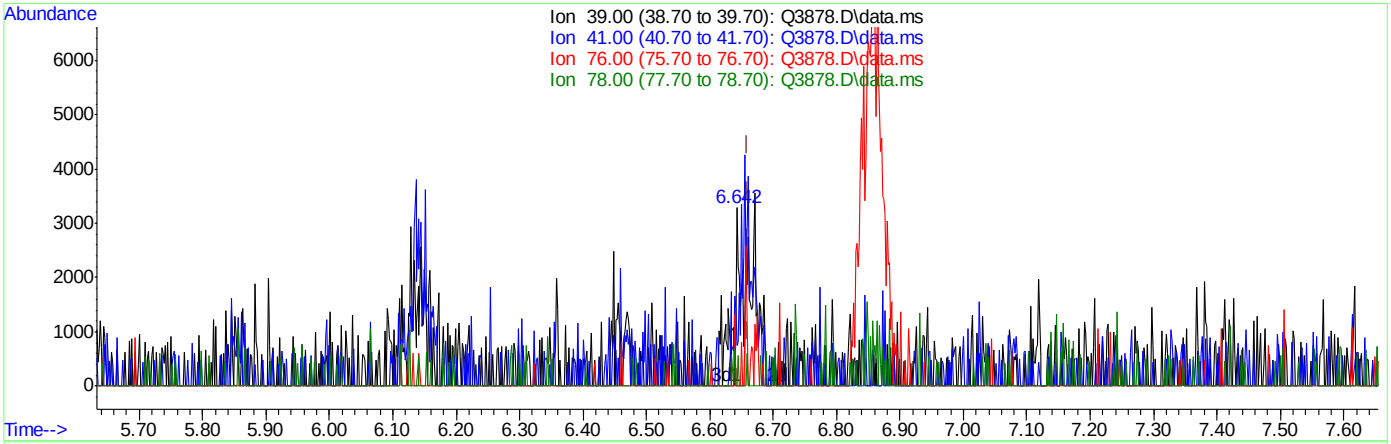
response 1849

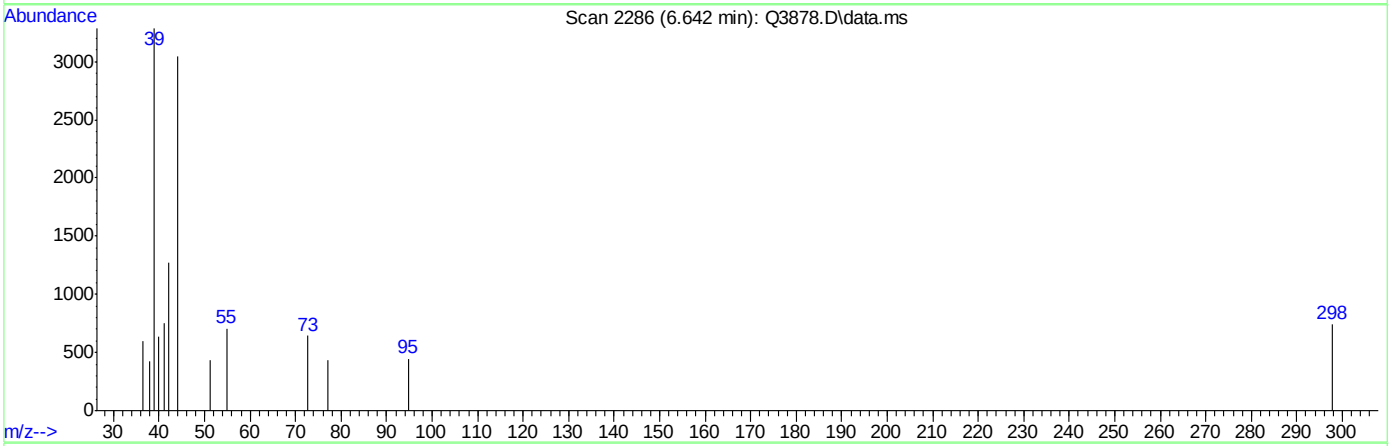
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	0.00#
42.00	8.40	12.93
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On    :  2 Jul 2007   4:48 pm
Operator  : PhilipB
Sample    : IC208-.2 (M189)
Misc      : MS13857, MSQ208,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration
```



TIC: Q3878.D\data.ms

(19) 3-CHLOROPROPENE (m)

6.642min (-0.018) 0.07PPBV

response 1928

Ion	Exp%	Act%
39.00	100	100
41.00	130.80	46.16#
76.00	38.00	0.00#
78.00	12.20	6.90

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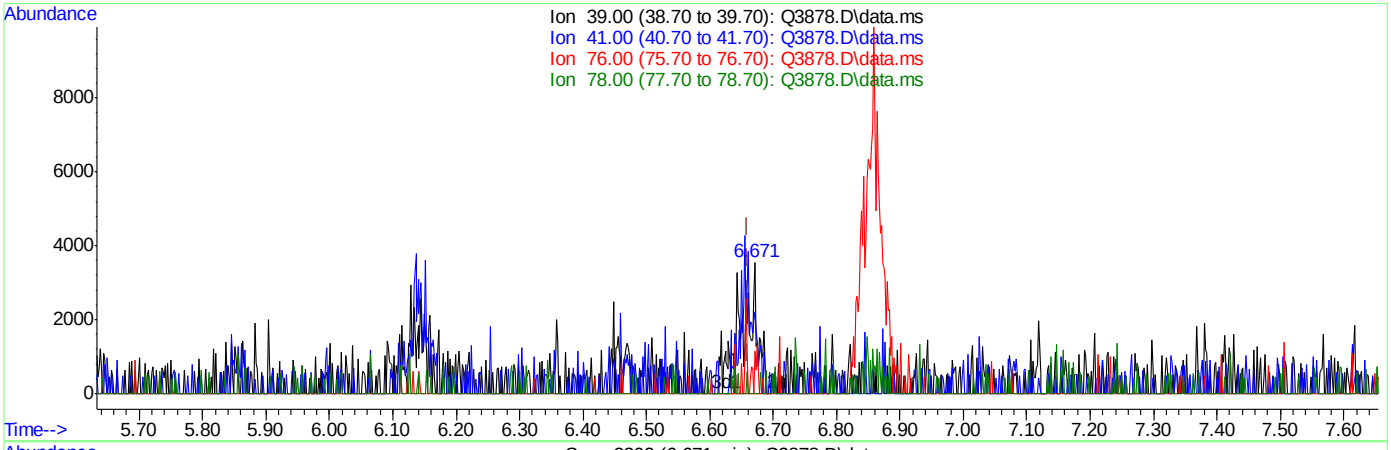
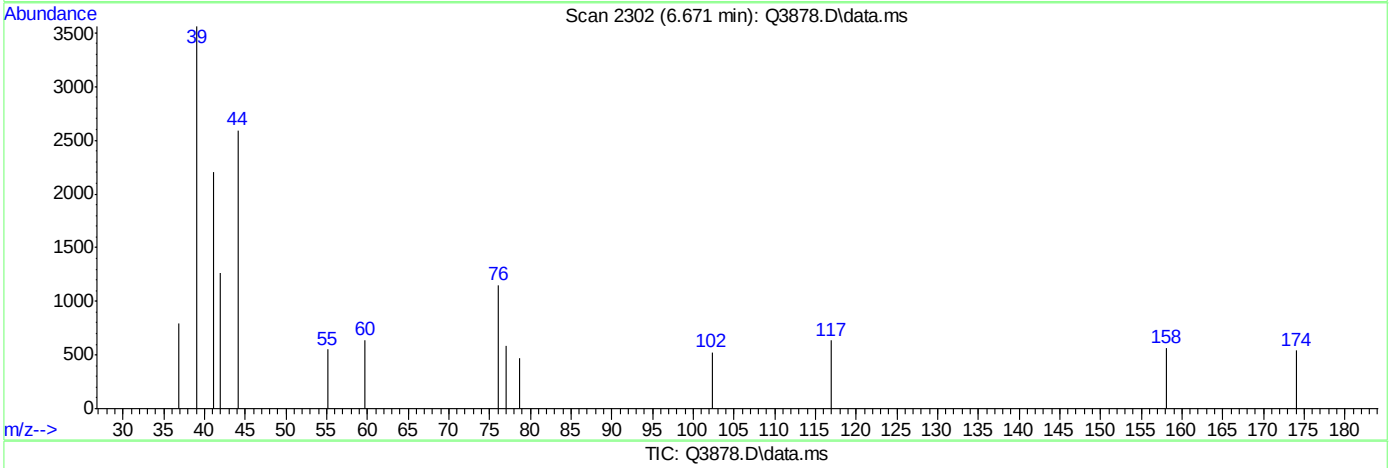
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(19) 3-CHLOROPROPENE (m)

6.671min (+0.011) 0.20PPBV m

response 5152

Ion	Exp%	Act%
39.00	100	100
41.00	130.80	17.27#
76.00	38.00	0.00#
78.00	12.20	2.58

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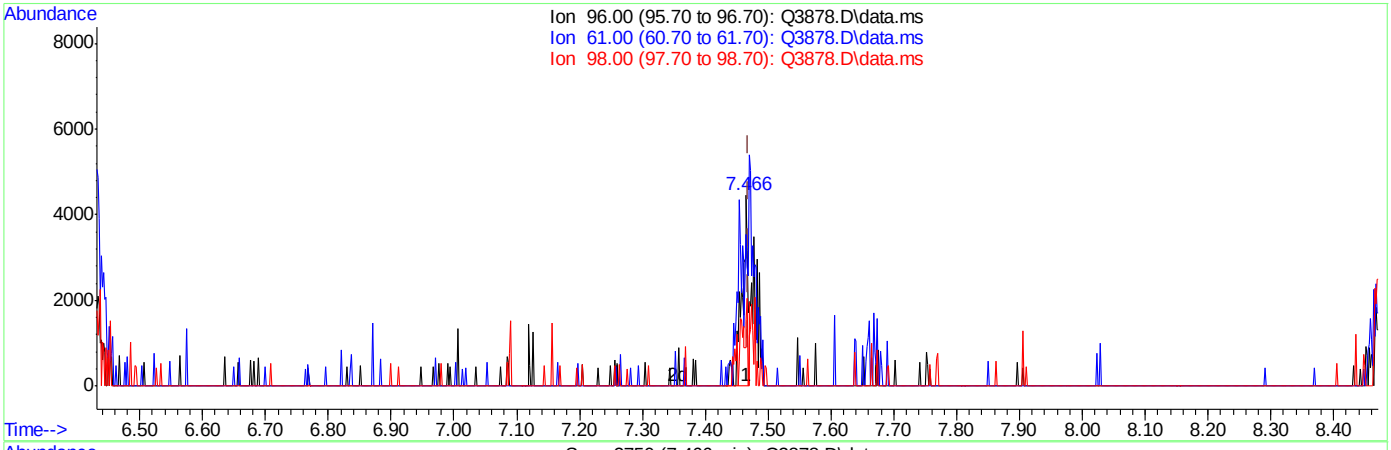
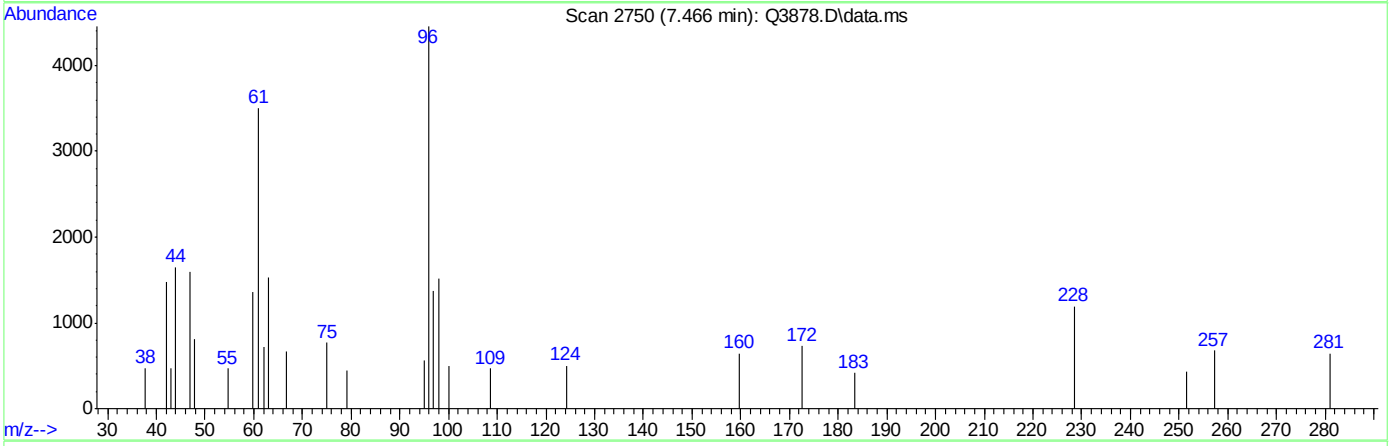
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(21) TRANS-1,2-DICHLOROETHYLENE (m)

7.466min (-0.003) 0.15PPBV

response 3341

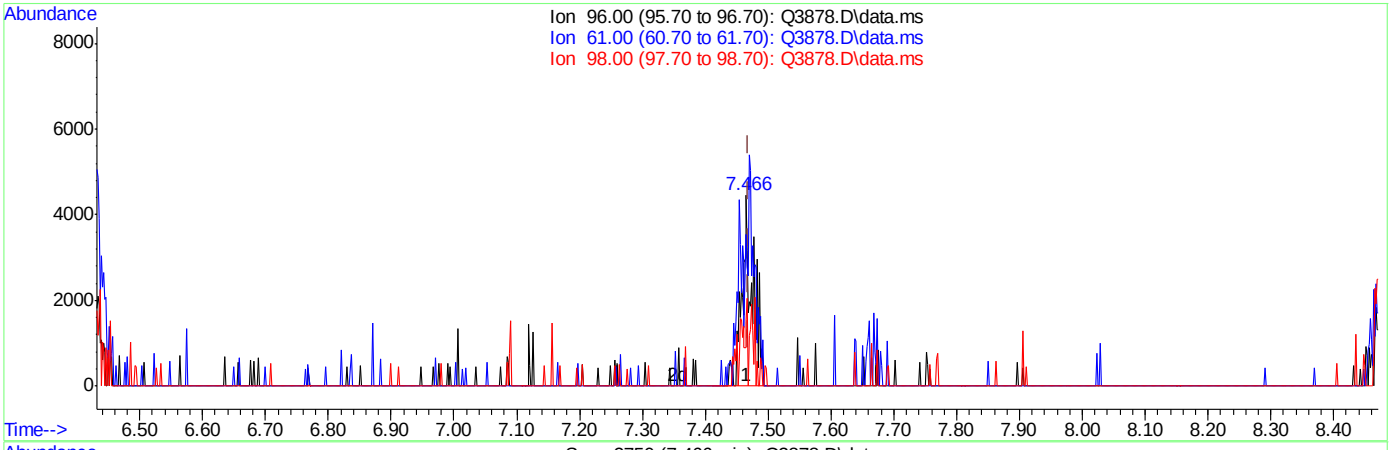
Ion	Exp%	Act%
96.00	100	100
61.00	181.00	145.38#
98.00	63.30	37.74#
0.00	0.00	0.00

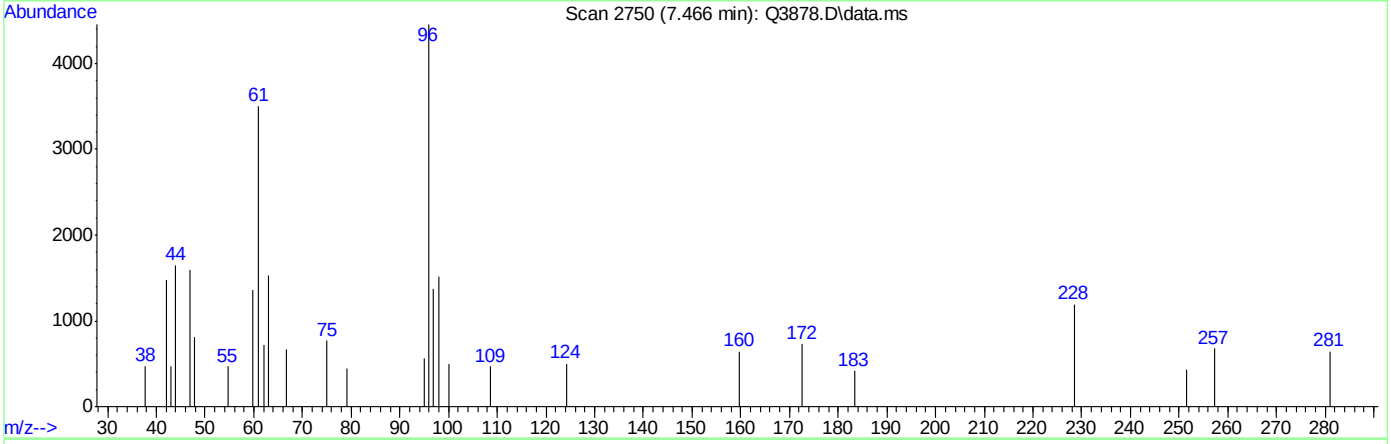
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(21) TRANS-1,2-DICHLOROETHYLENE (m)

7.466min (-0.003) 0.25PPBV m

response 5493

Ion	Exp%	Act%
96.00	100	100
61.00	181.00	88.42#
98.00	63.30	22.96#
0.00	0.00	0.00

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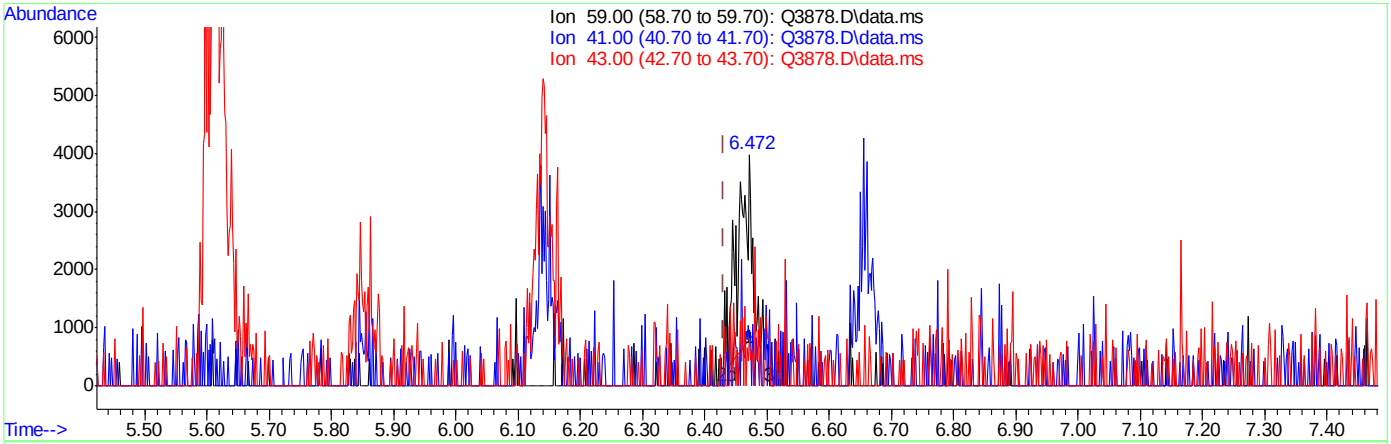
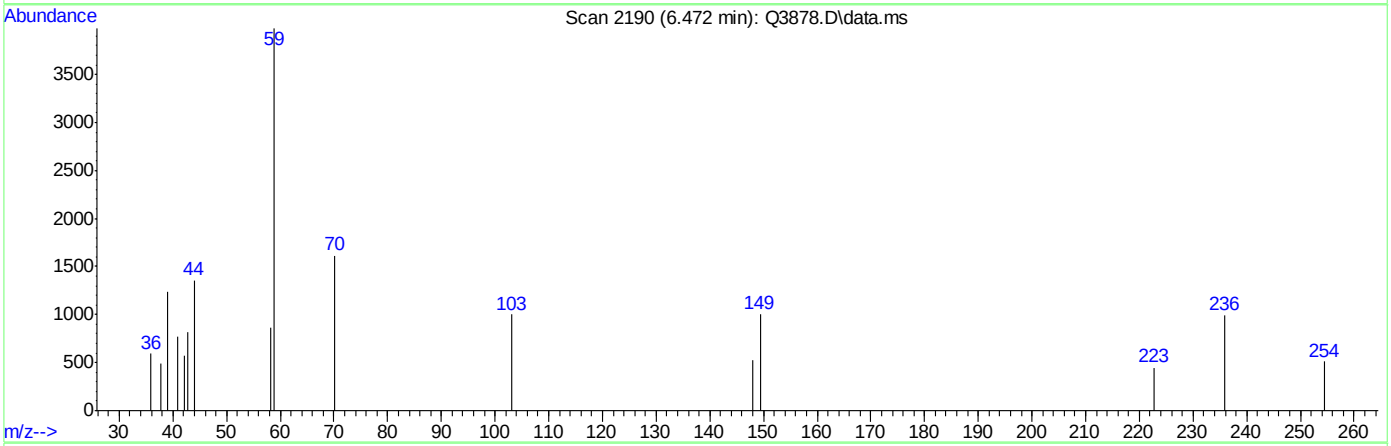
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(22) TERTIARY BUTYL ALCOHOL (m)

6.472min (+0.041) 0.10PPBV

response 4402

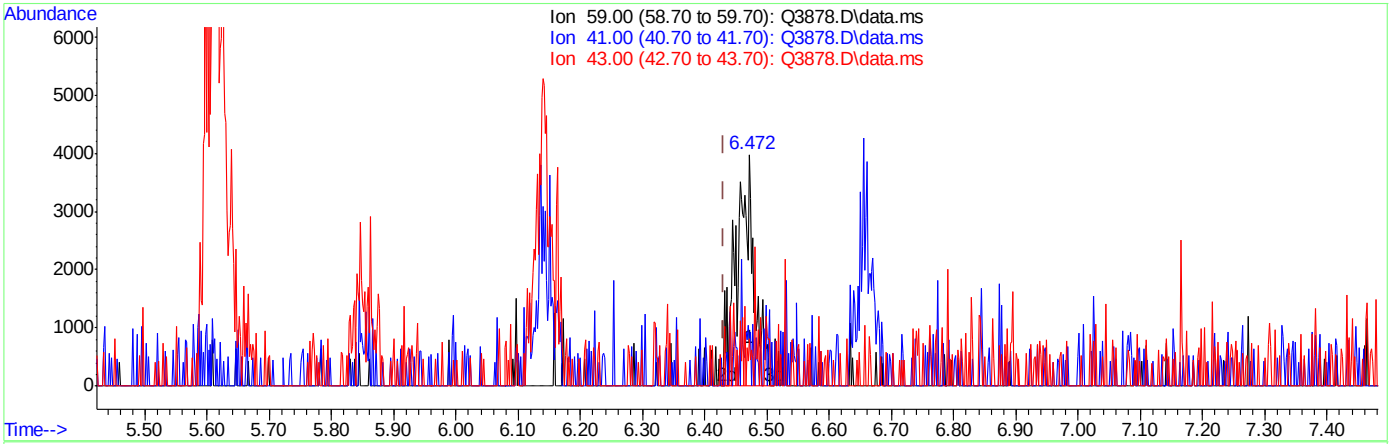
Ion	Exp%	Act%
59.00	100	100
41.00	16.40	9.61
43.00	13.40	13.22
0.00	0.00	0.00

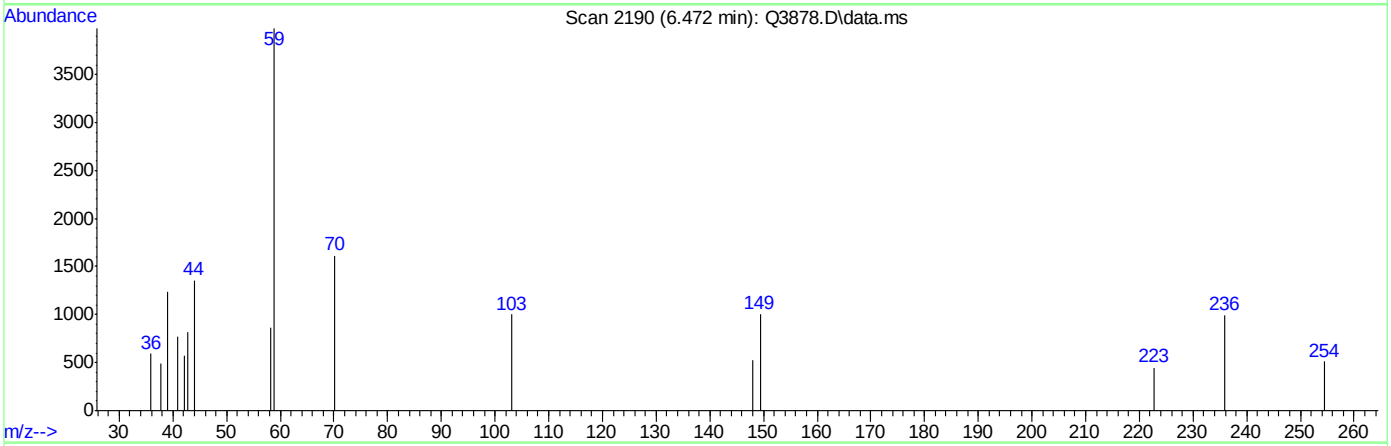
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(22) TERTIARY BUTYL ALCOHOL (m)

6.472min (+0.041) 0.17PPBV m

response 7662

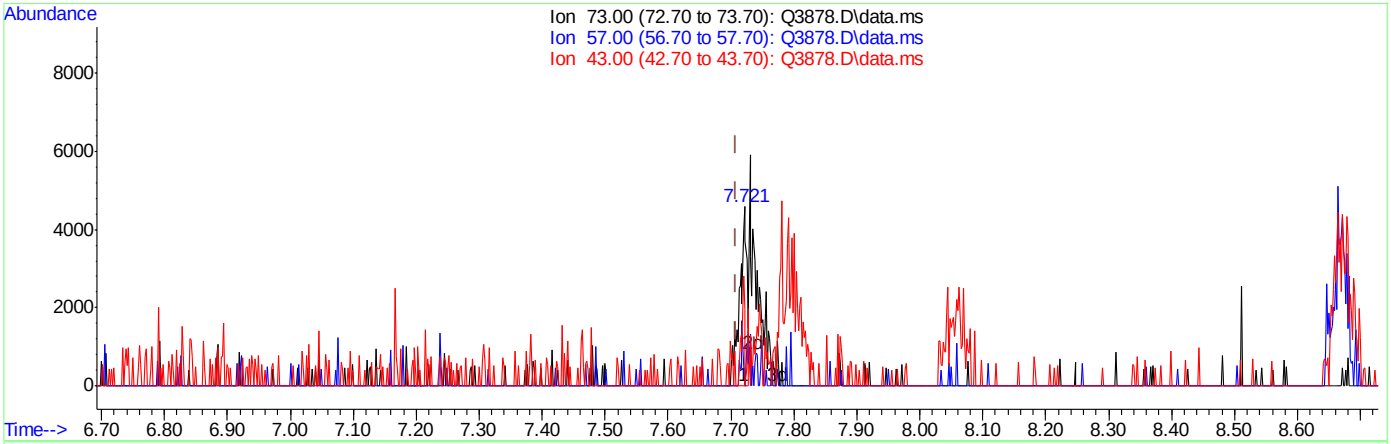
Ion	Exp%	Act%
59.00	100	100
41.00	16.40	5.52
43.00	13.40	7.60
0.00	0.00	0.00

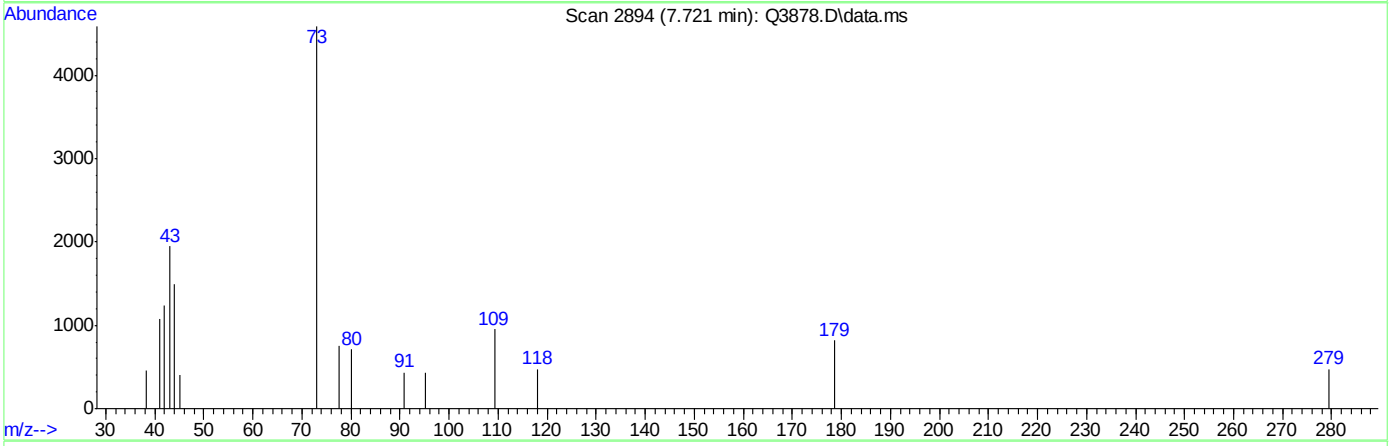
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(23) METHYL TERTIARY BUTYL ETHER (m)

7.721min (+0.013) 0.08PPBV

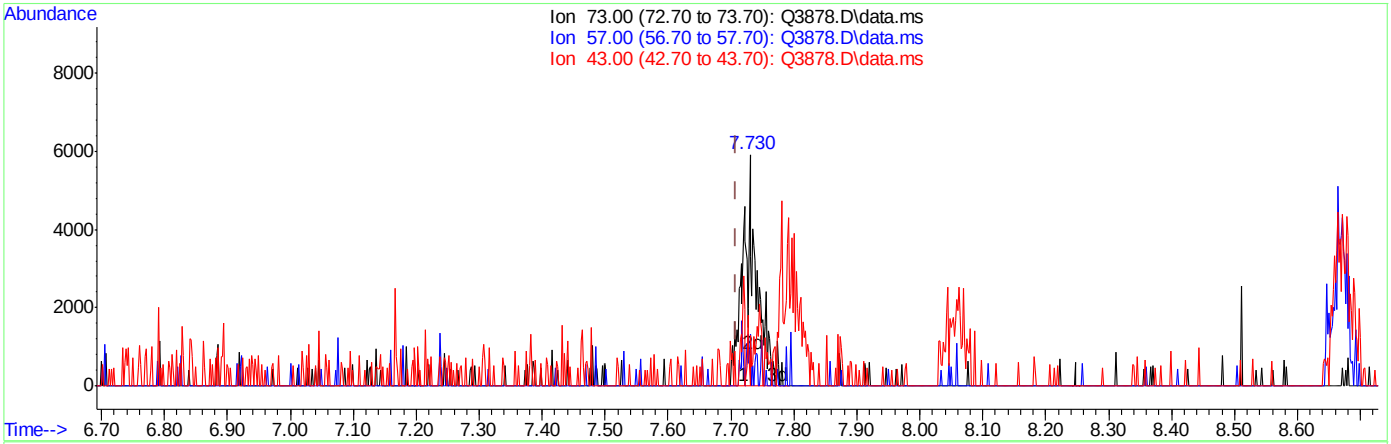
response 3870

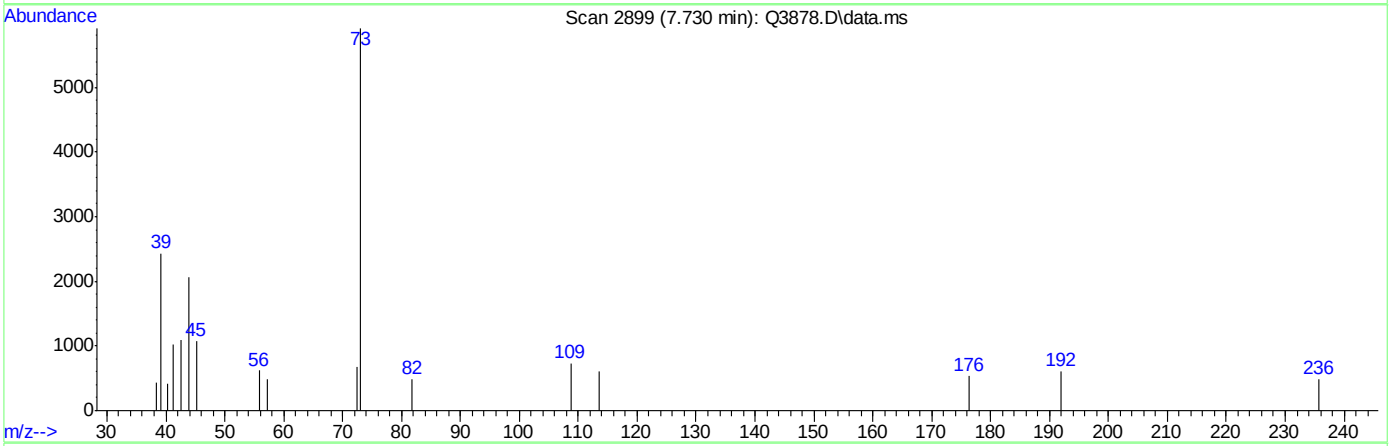
Ion	Exp%	Act%
73.00	100	100
57.00	26.00	10.31
43.00	25.90	33.59
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(23) METHYL TERTIARY BUTYL ETHER (m)

7.730min (+0.021) 0.19PPBV m

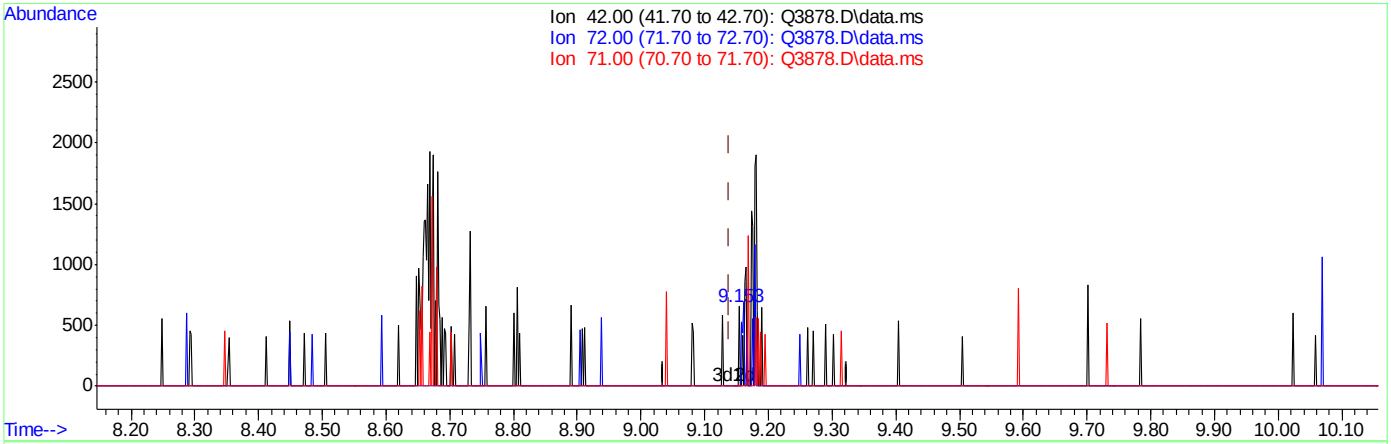
response 9132

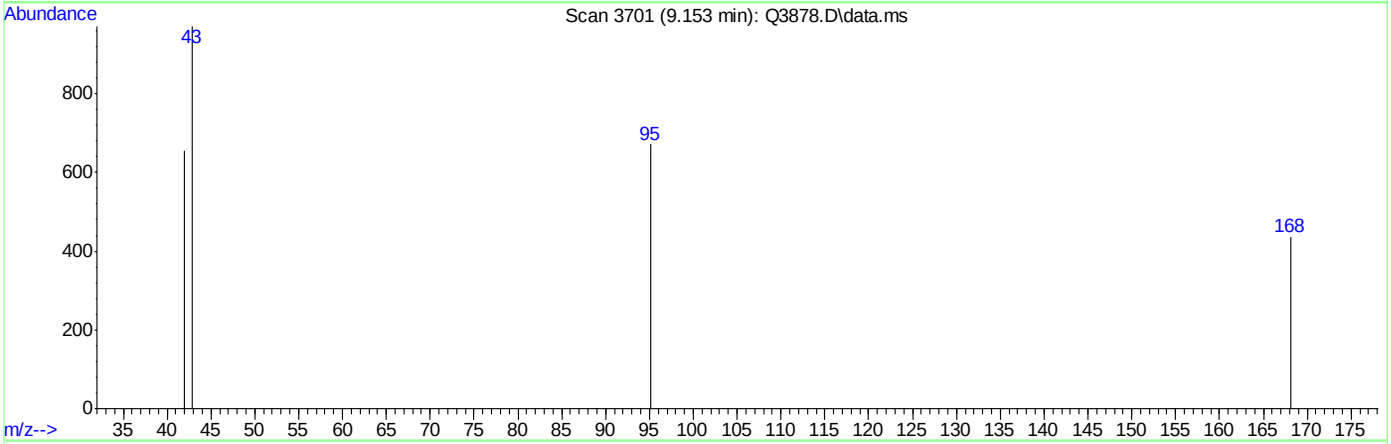
Ion	Exp%	Act%
73.00	100	100
57.00	26.00	4.37#
43.00	25.90	14.24
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(24) TETRAHYDROFURAN (m)

9.153min (+0.014) 0.01PPBV

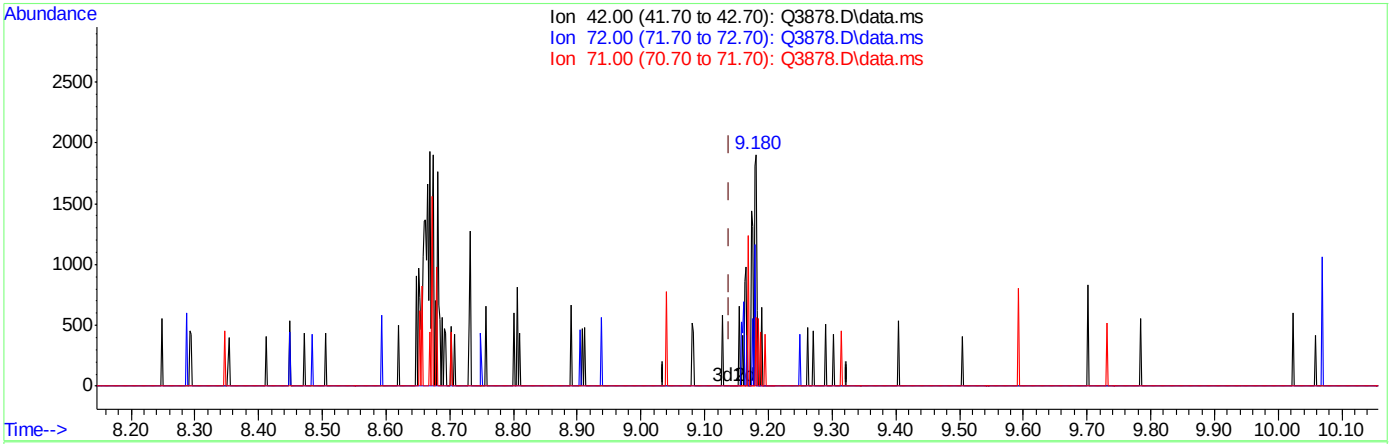
response 70

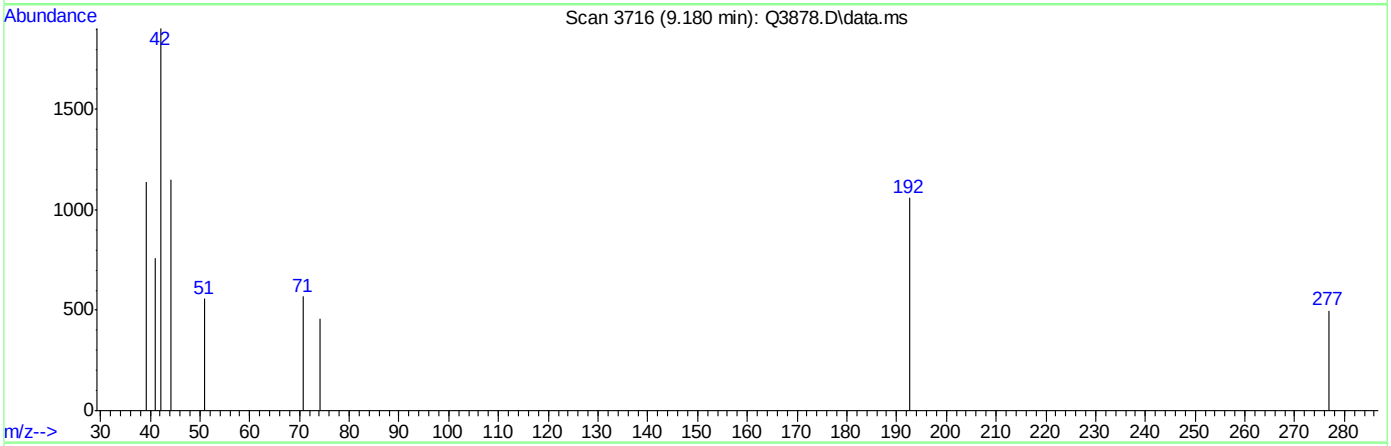
Ion	Exp%	Act%
42.00	100	100
72.00	28.70	0.00#
71.00	27.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(24) TETRAHYDROFURAN (m)

9.180min (+0.041) 0.12PPBV m

response 1133

Ion	Exp%	Act%
42.00	100	100
72.00	28.70	0.00#
71.00	27.60	0.00#
0.00	0.00	0.00

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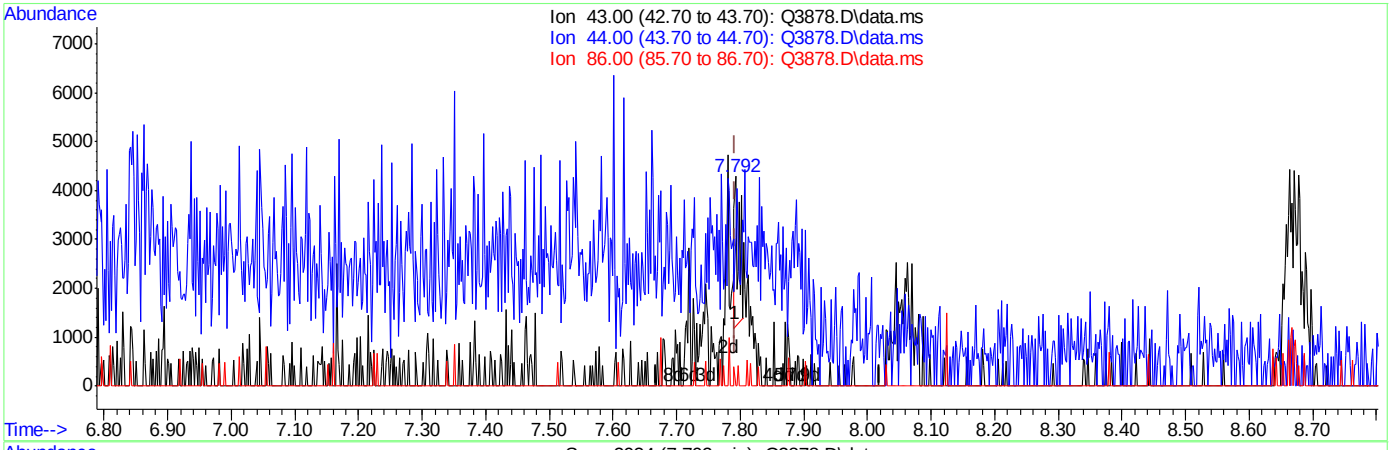
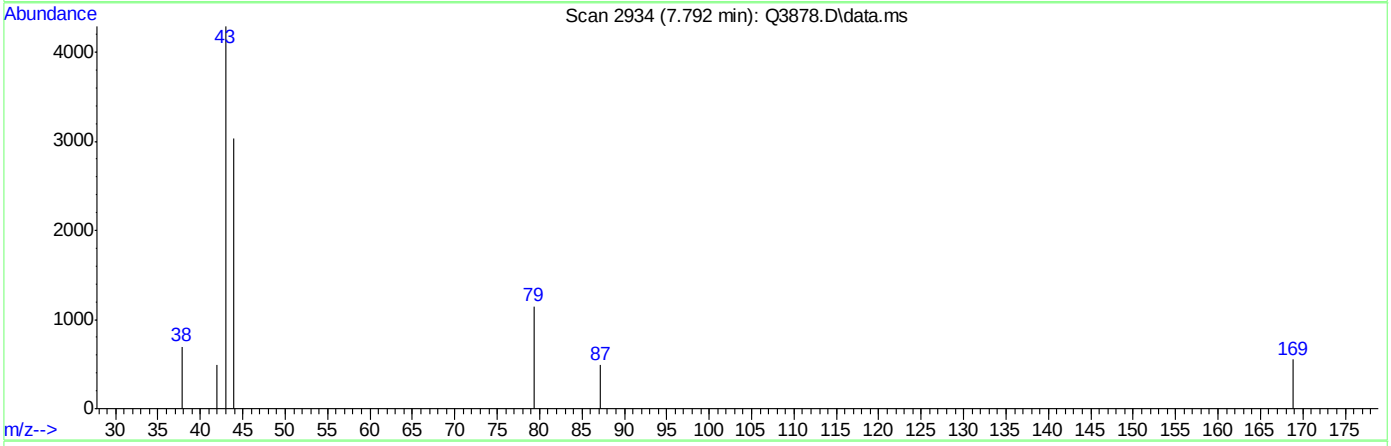
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(26) VINYL ACETATE (m)

7.792min (+0.000) 0.04PPBV

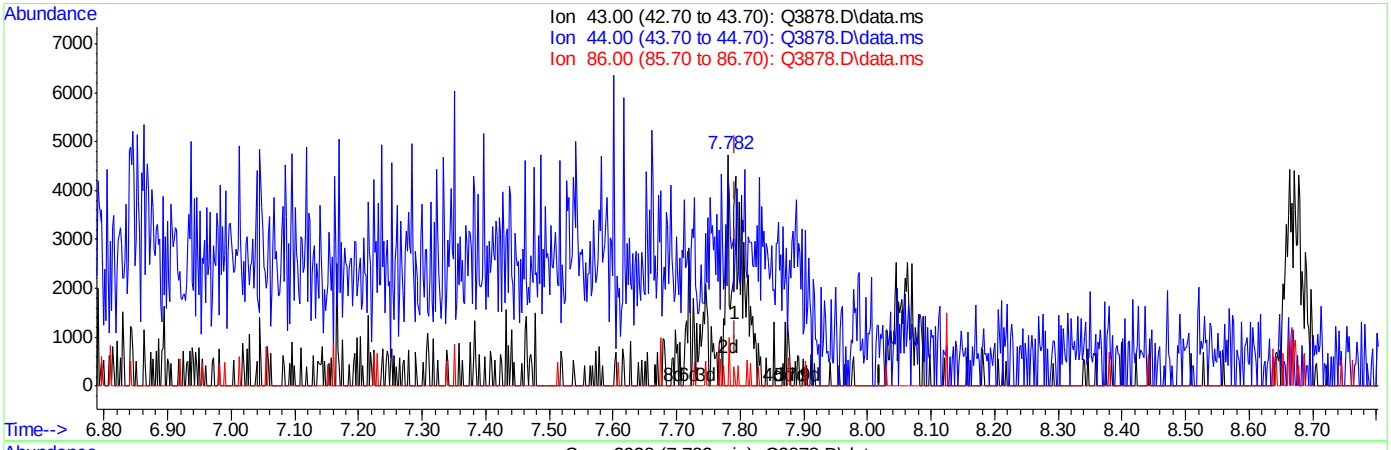
response 1381

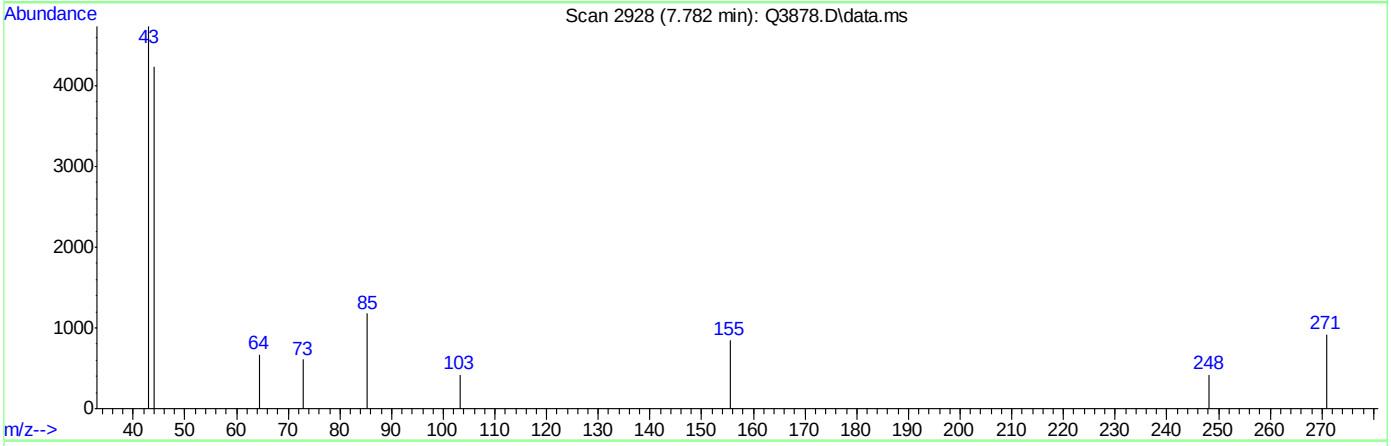
Ion	Exp%	Act%
43.00	100	100
44.00	4.80	0.00
86.00	6.40	6.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(26) VINYL ACETATE (m)

7.782min (-0.011) 0.20PPBV m

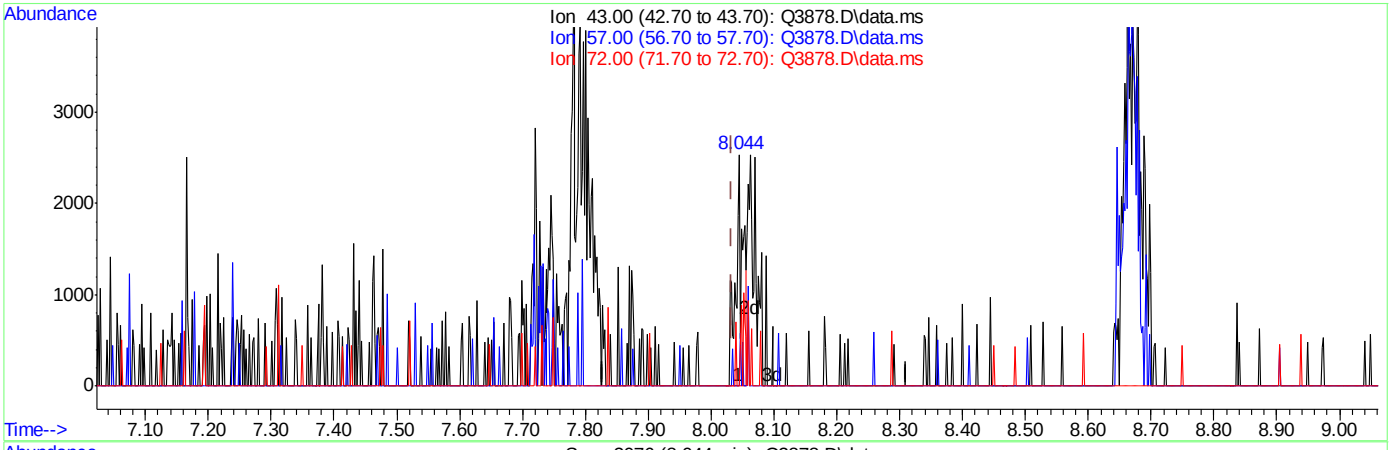
response 7110

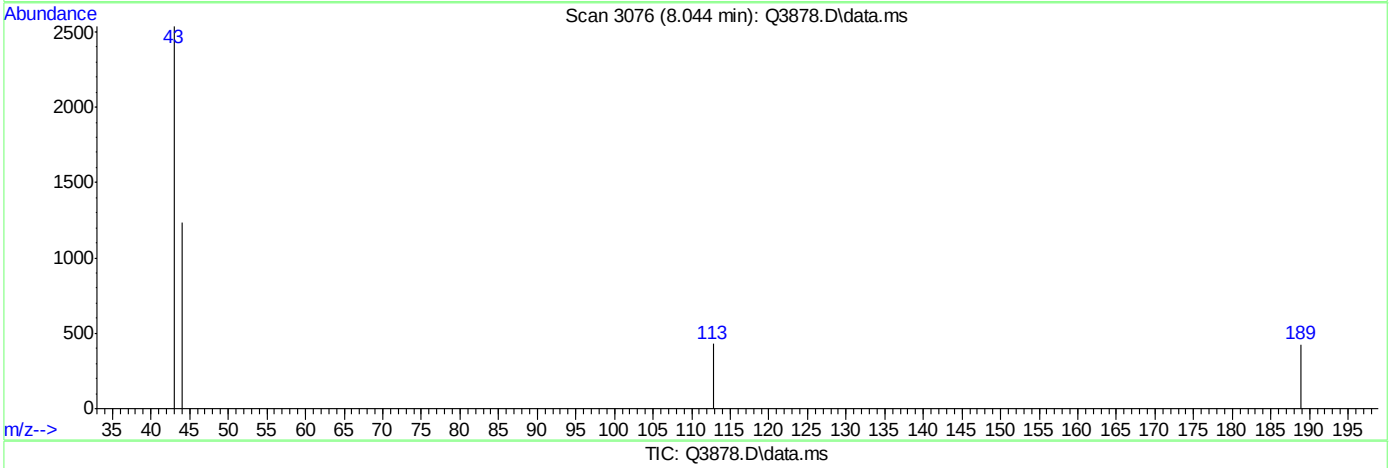
Ion	Exp%	Act%
43.00	100	100
44.00	4.80	0.00
86.00	6.40	1.24
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(28) METHYL ETHYL KETONE (m)

8.044min (+0.011) 0.08PPBV

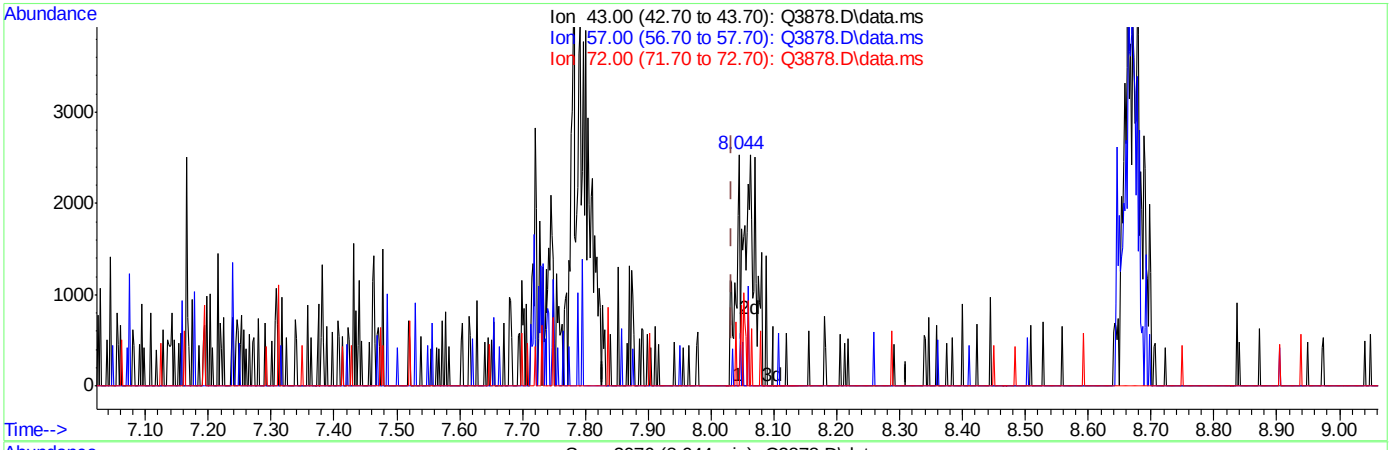
response 2028

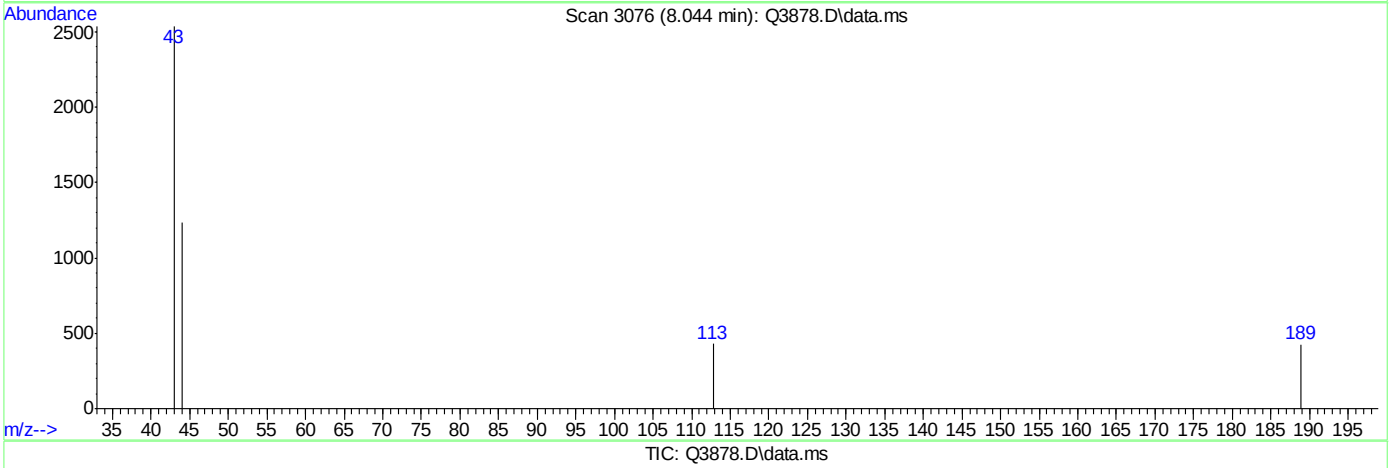
Ion	Exp%	Act%
43.00	100	100
57.00	7.70	0.00
72.00	14.60	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(28) METHYL ETHYL KETONE (m)

8.044min (+0.011) 0.18PPBV m

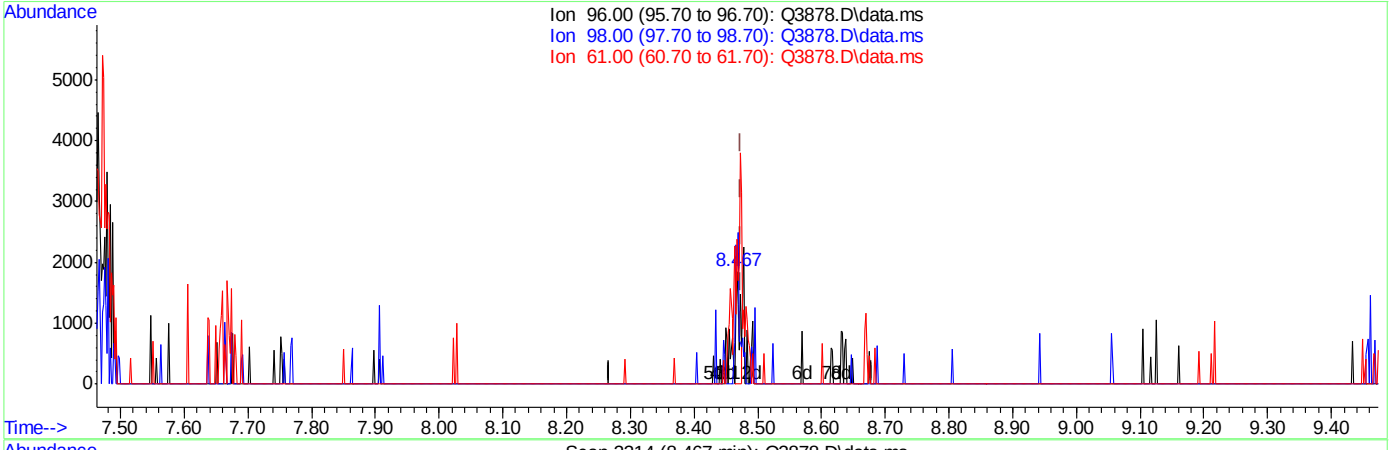
response 4510

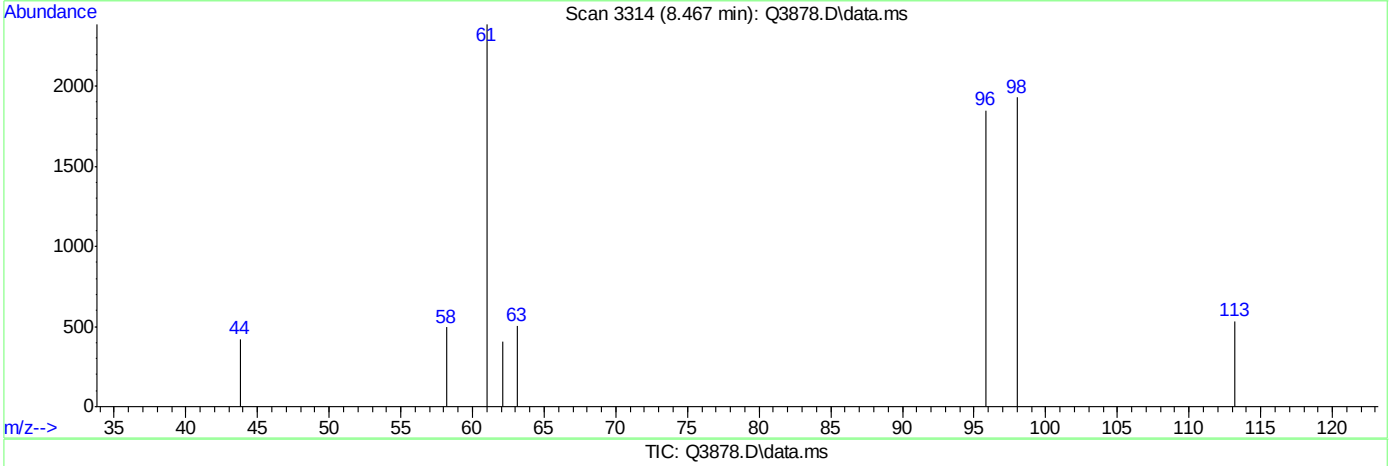
Ion	Exp%	Act%
43.00	100	100
57.00	7.70	0.00
72.00	14.60	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(29) cis-1,2-DICHLOROETHYLENE (m)

8.467min (-0.007) 0.06PPBV

response 753

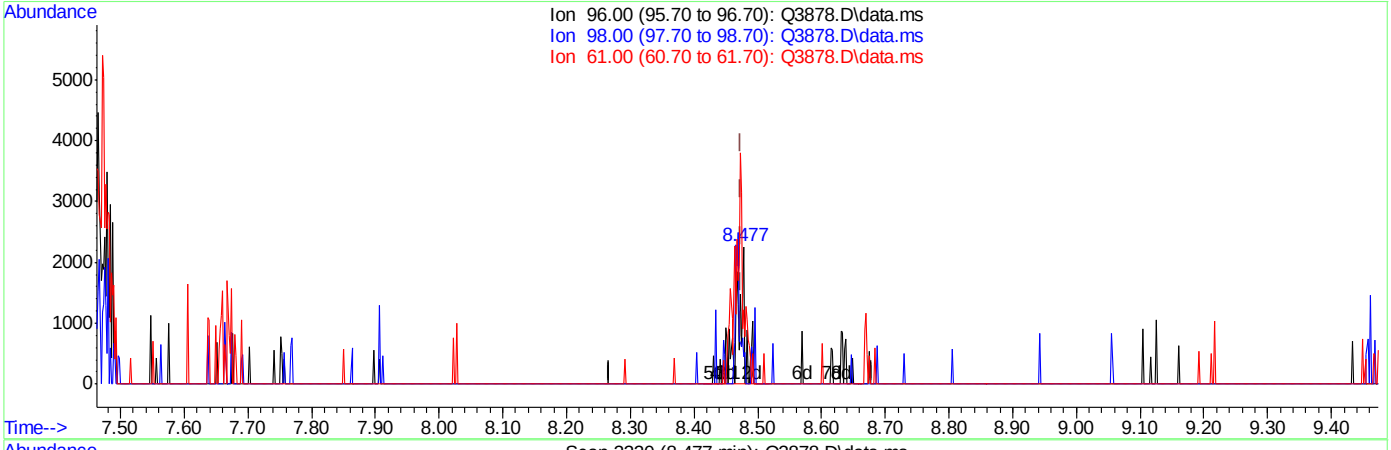
Ion	Exp%	Act%
96.00	100	100
98.00	63.40	157.64#
61.00	186.90	420.58#
0.00	0.00	0.00

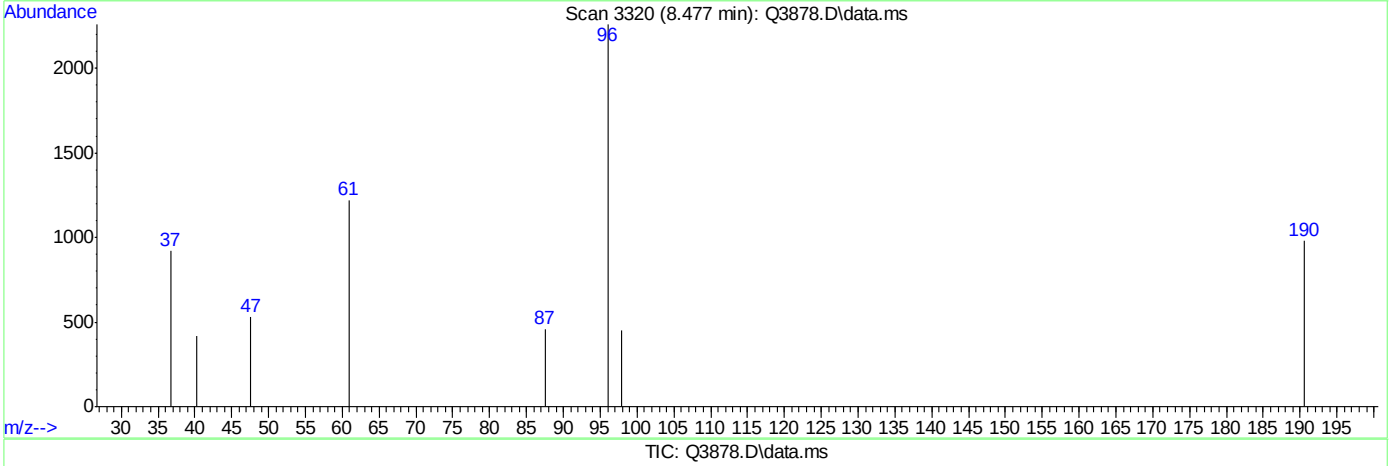
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(29) cis-1,2-DICHLOROETHYLENE (m)

8.477min (+0.004) 0.16PPBV m

response 2022

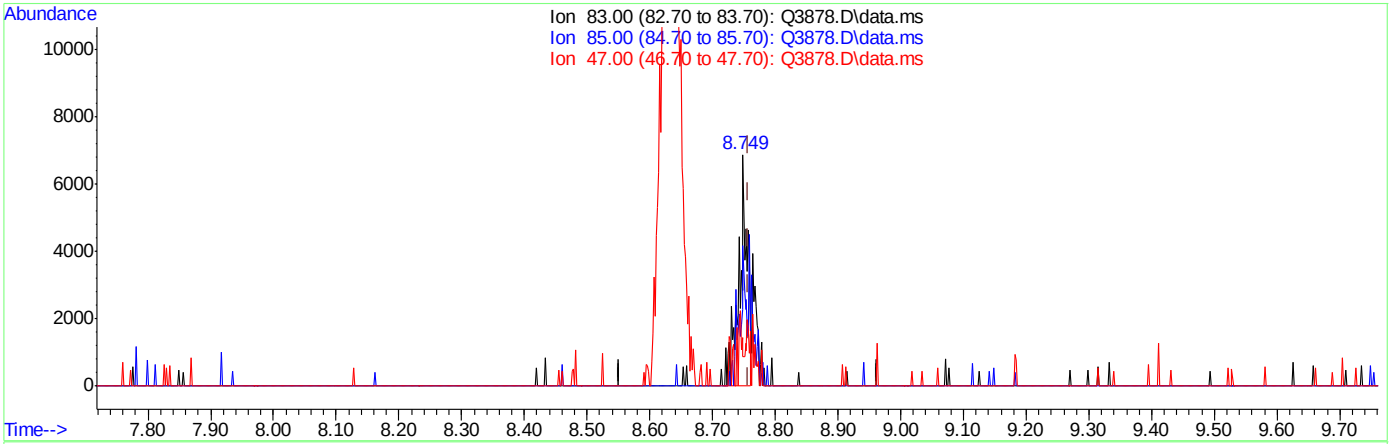
Ion	Exp%	Act%
96.00	100	100
98.00	63.40	58.70
61.00	186.90	156.63#
0.00	0.00	0.00

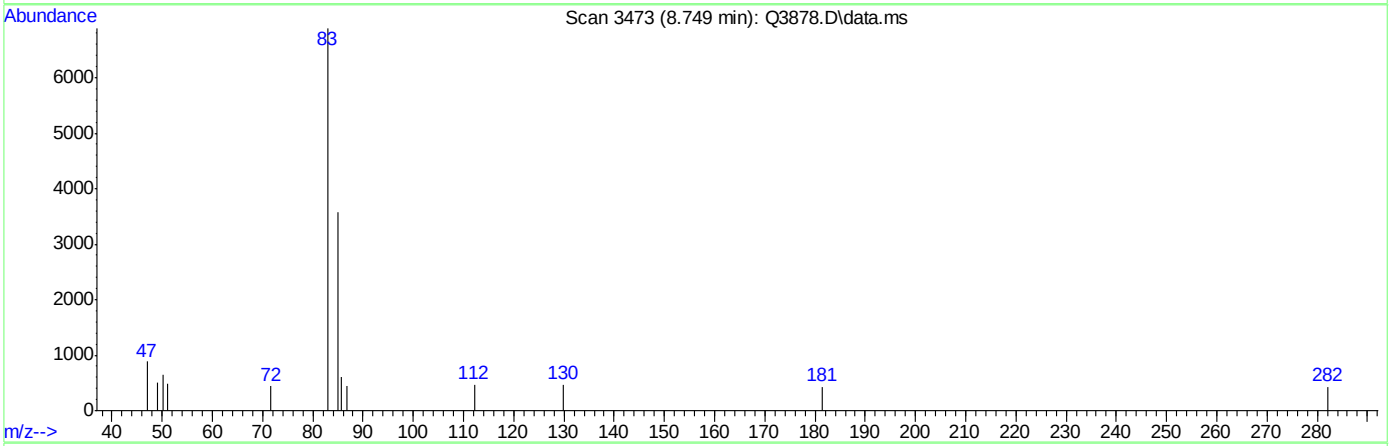
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(31) CHLOROFORM (m)

8.749min (-0.009) 0.15PPBV

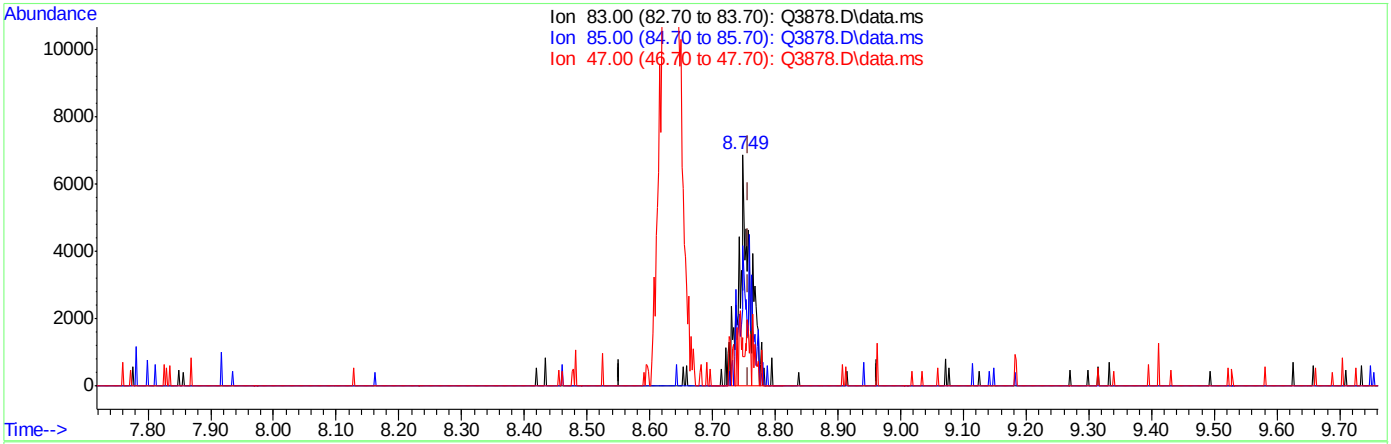
response 6647

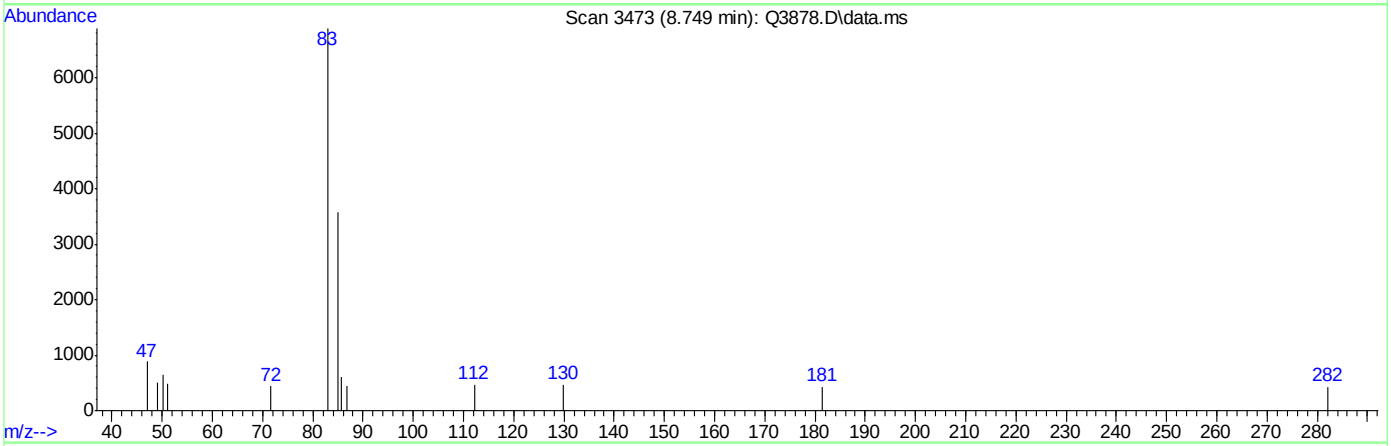
Ion	Exp%	Act%
83.00	100	100
85.00	64.20	19.56#
47.00	31.80	13.52
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(31) CHLOROFORM (m)

8.749min (-0.009) 0.19PPBV m

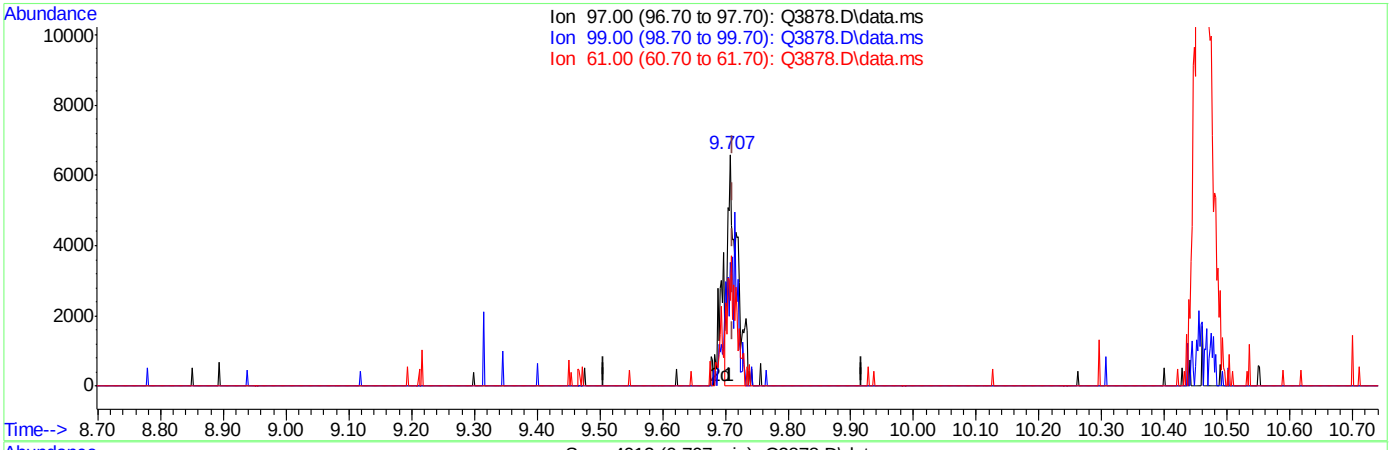
response 8793

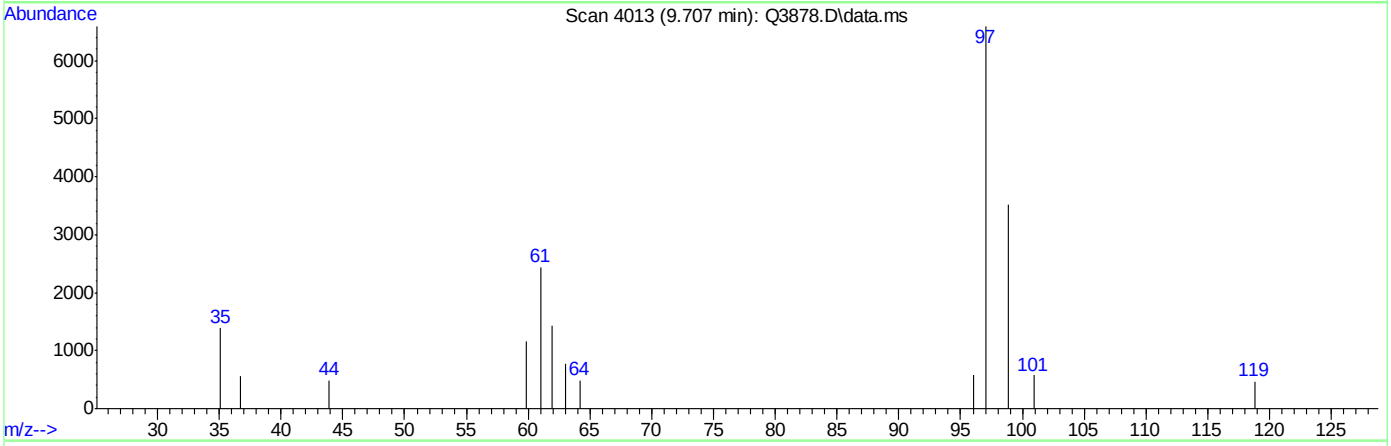
Ion	Exp%	Act%
83.00	100	100
85.00	64.20	14.78#
47.00	31.80	10.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(32) 1,1,1-TRICHLOROETHANE (m)

9.707min (-0.005) 0.14PPBV

response 7143

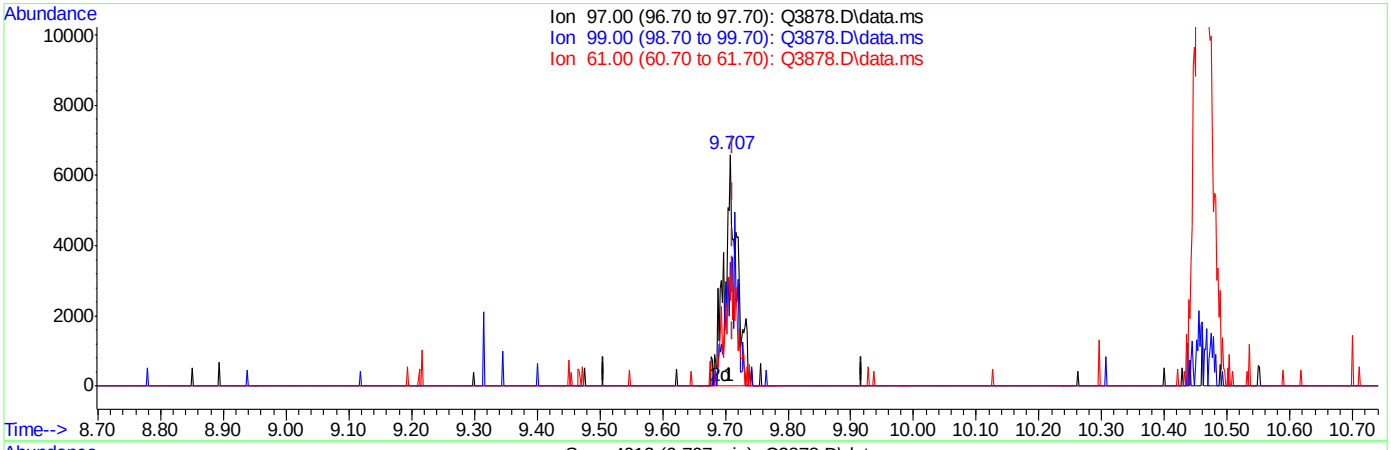
Ion	Exp%	Act%
97.00	100	100
99.00	63.70	46.51
61.00	50.00	67.20
0.00	0.00	0.00

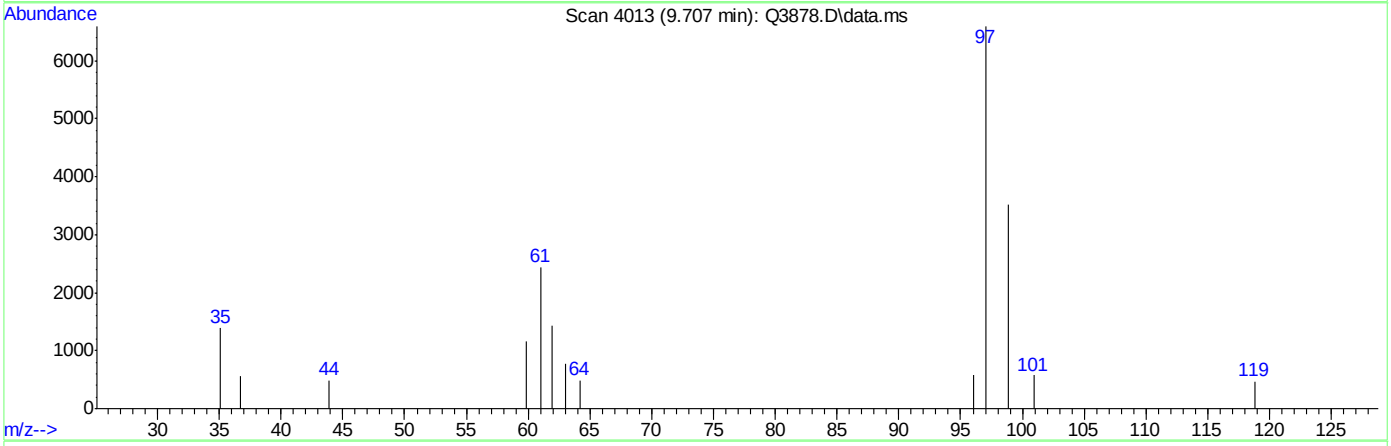
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(32) 1,1,1-TRICHLOROETHANE (m)

9.707min (-0.005) 0.19PPBV m

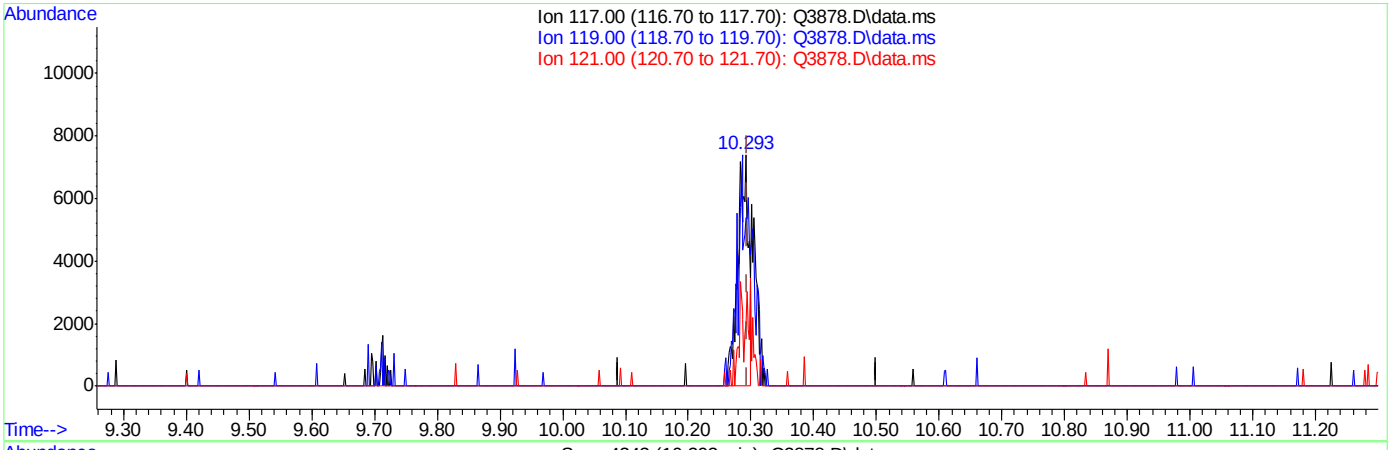
response 9530

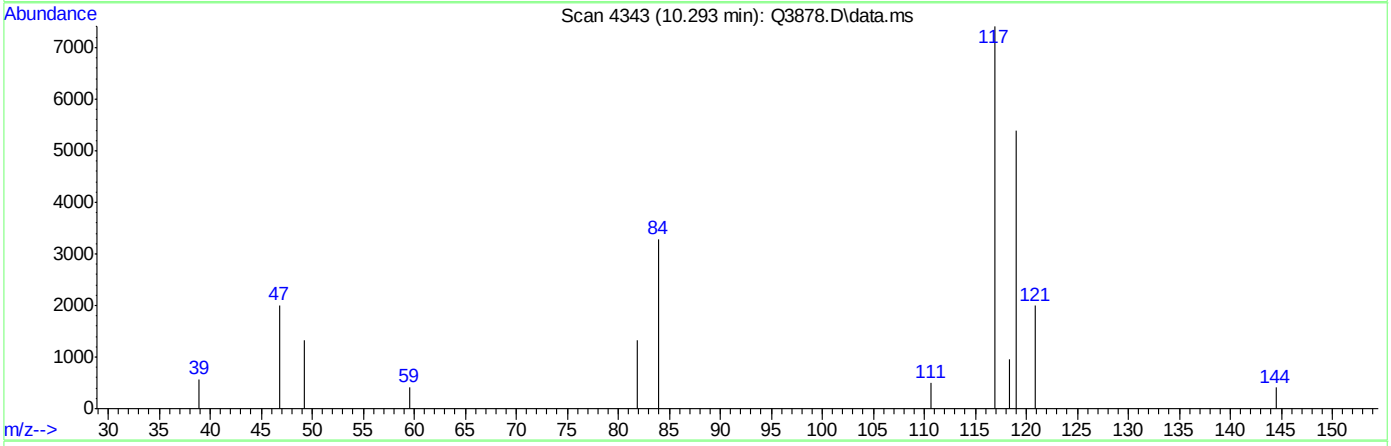
Ion	Exp%	Act%
97.00	100	100
99.00	63.70	34.86#
61.00	50.00	50.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(33) CARBON TETRACHLORIDE (m)

10.293min (-0.002) 0.15PPBV

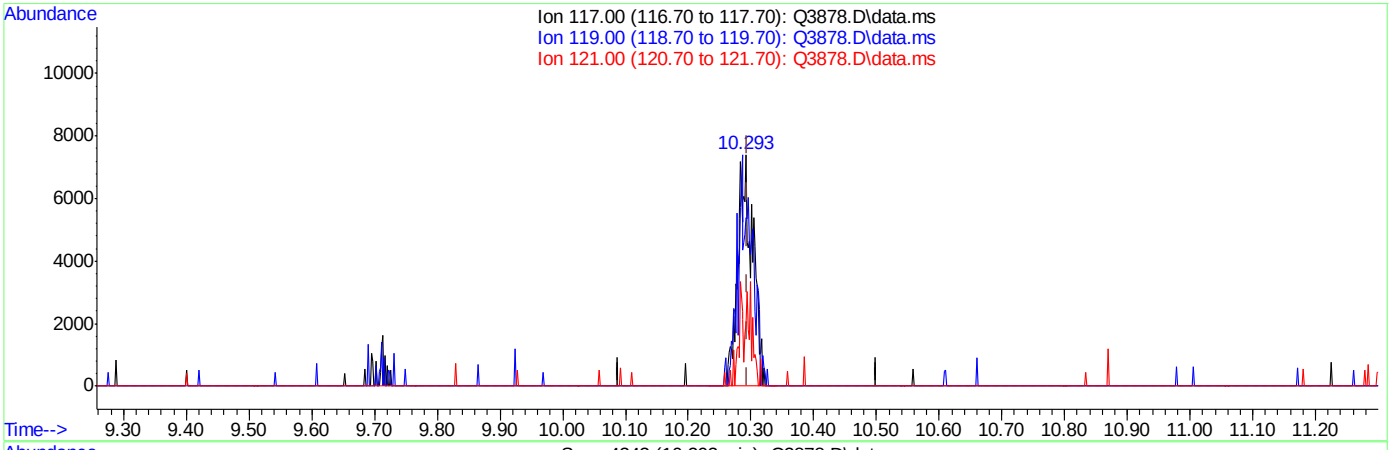
response 8900

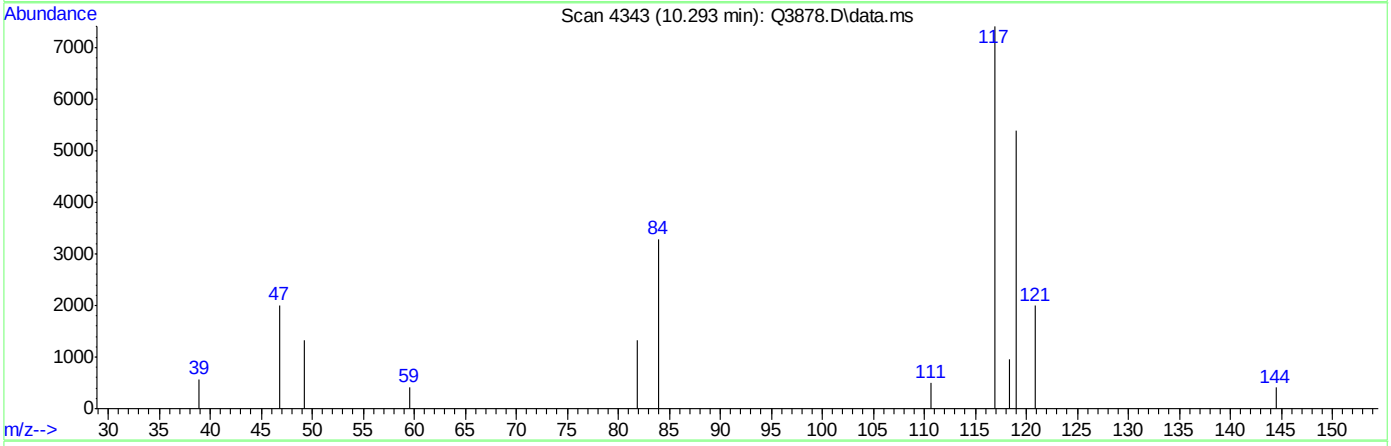
Ion	Exp%	Act%
117.00	100	100
119.00	99.60	0.00#
121.00	32.10	24.52
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(33) CARBON TETRACHLORIDE (m)

10.293min (-0.002) 0.20PPBV m

response 12426

Ion	Exp%	Act%
117.00	100	100
119.00	99.60	0.00#
121.00	32.10	17.56
0.00	0.00	0.00

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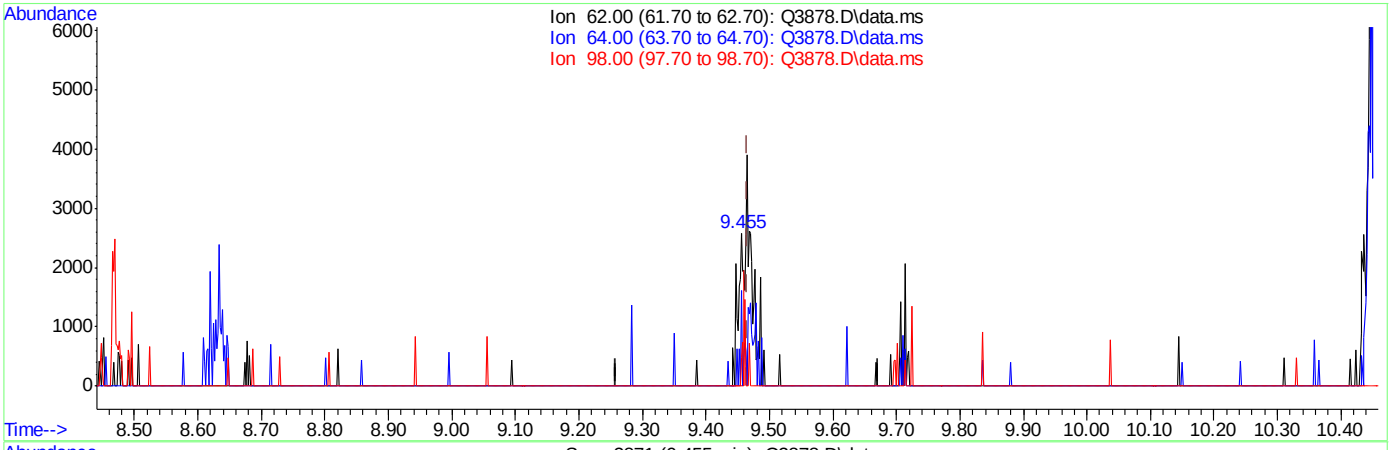
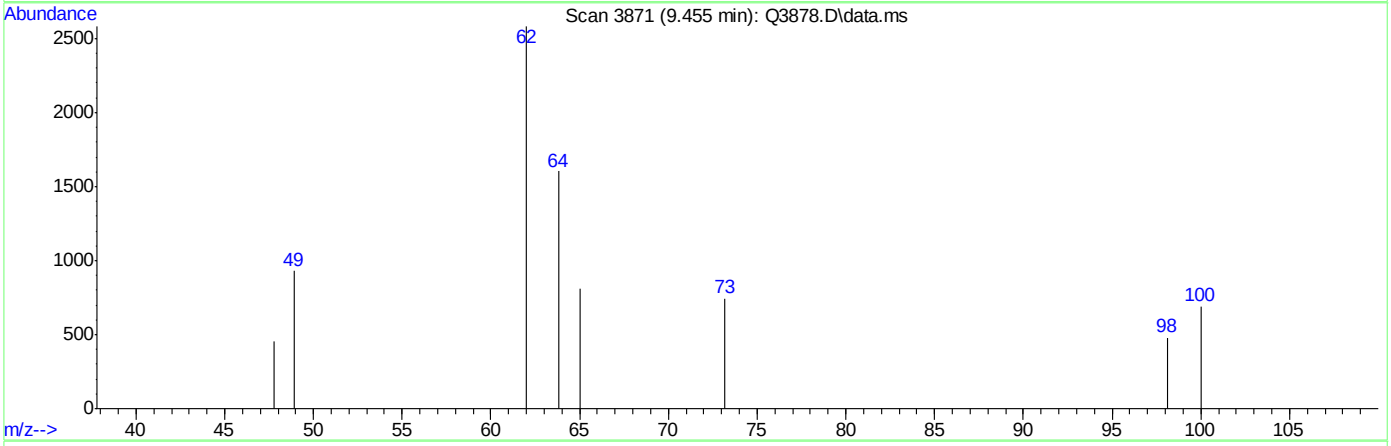
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(34) 1,2-DICHLOROETHANE (m)

9.455min (-0.011) 0.05PPBV

response 1573

Ion	Exp%	Act%
62.00	100	100
64.00	30.80	22.70
98.00	4.90	18.12
0.00	0.00	0.00

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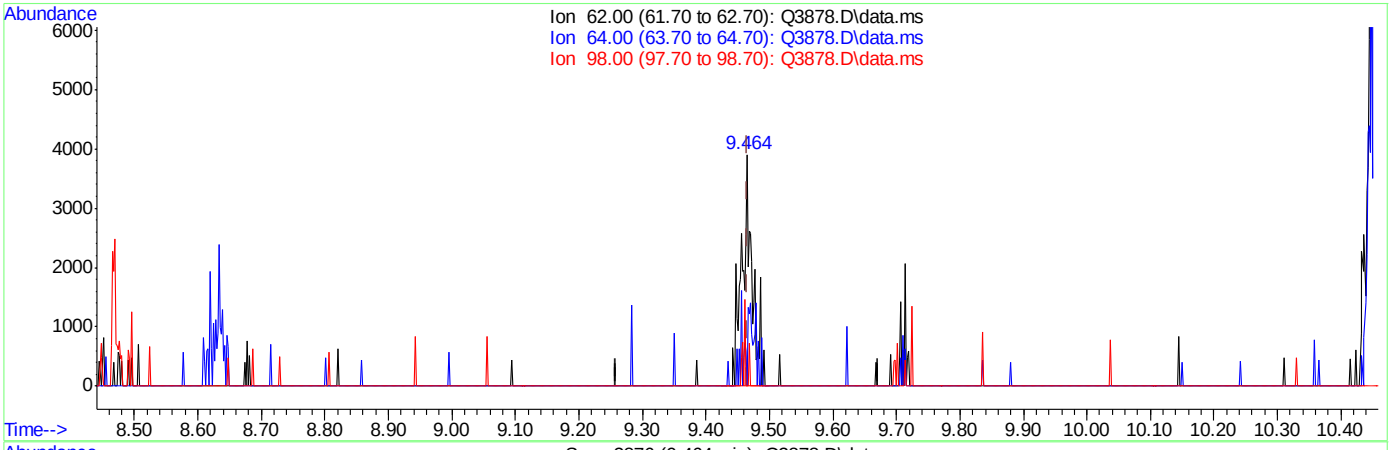
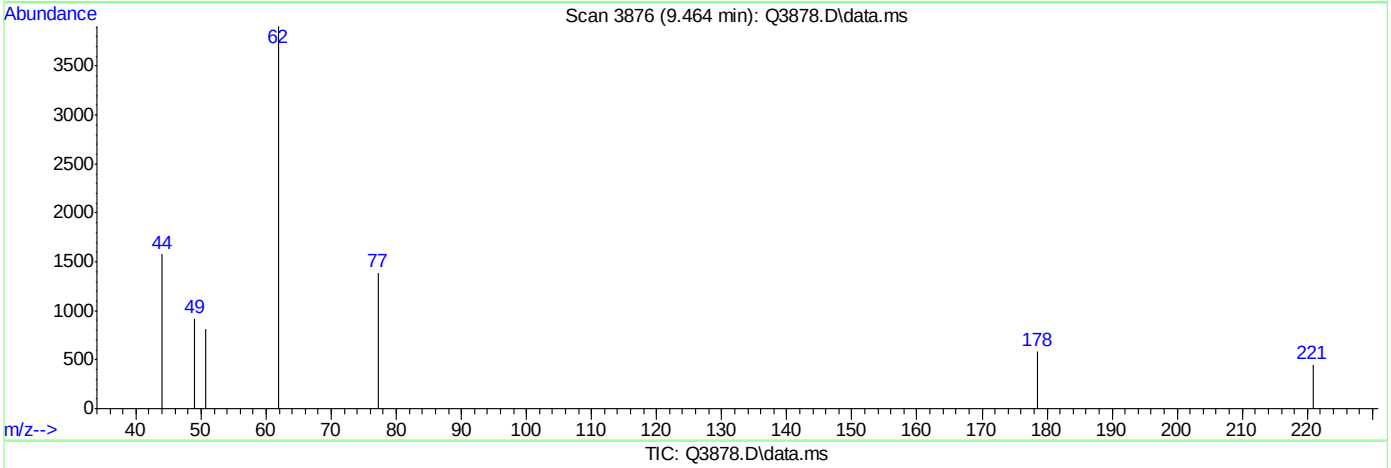
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(34) 1,2-DICHLOROETHANE (m)

9.464min (-0.002) 0.14PPBV m

response 4375

Ion	Exp%	Act%
62.00	100	100
64.00	30.80	8.16#
98.00	4.90	6.51
0.00	0.00	0.00

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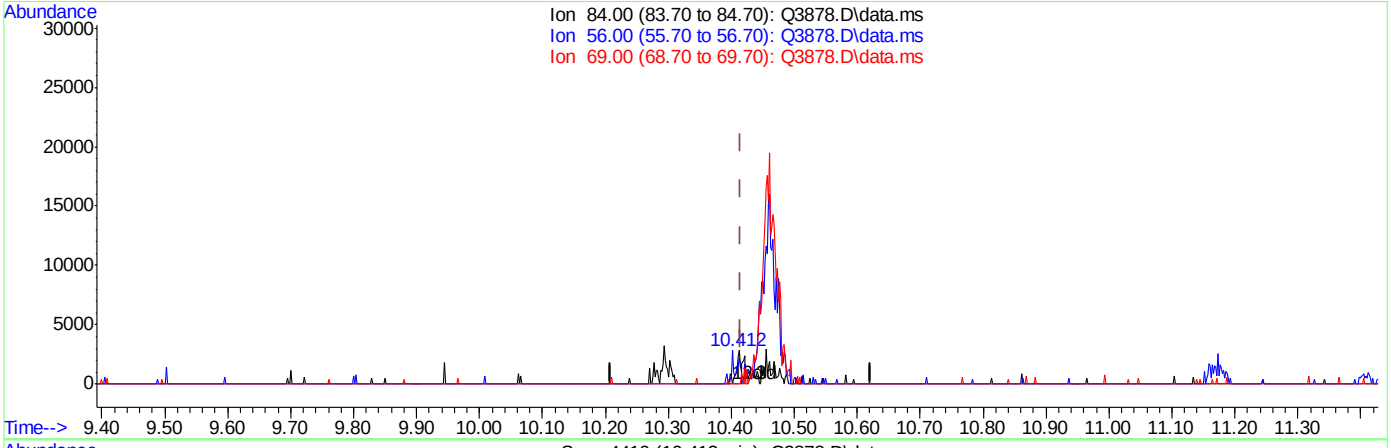
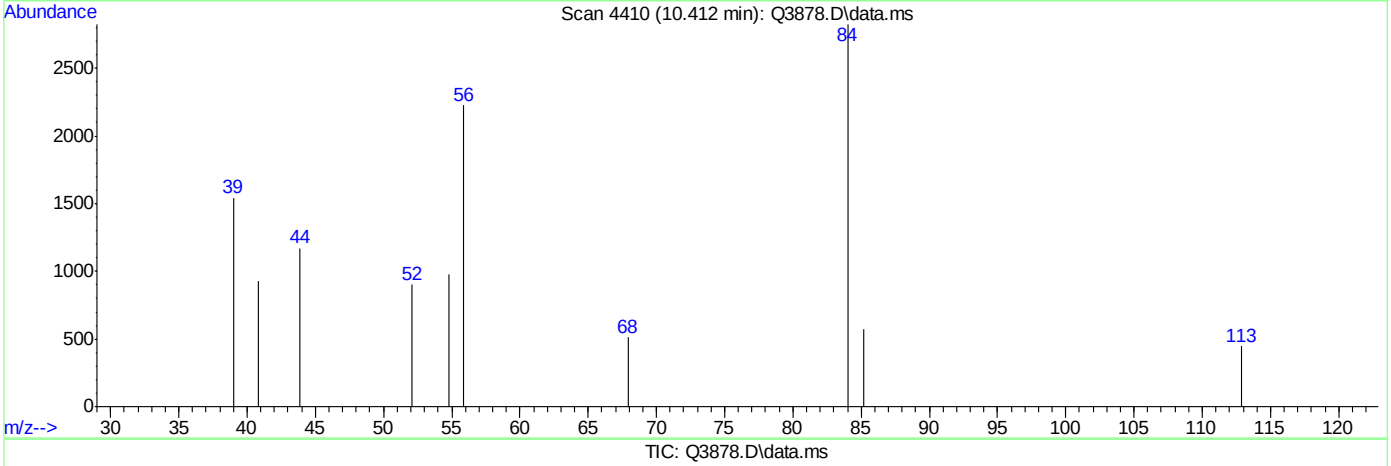
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(37) CYCLOHEXANE (m)

10.412min (-0.003) 0.17PPBV

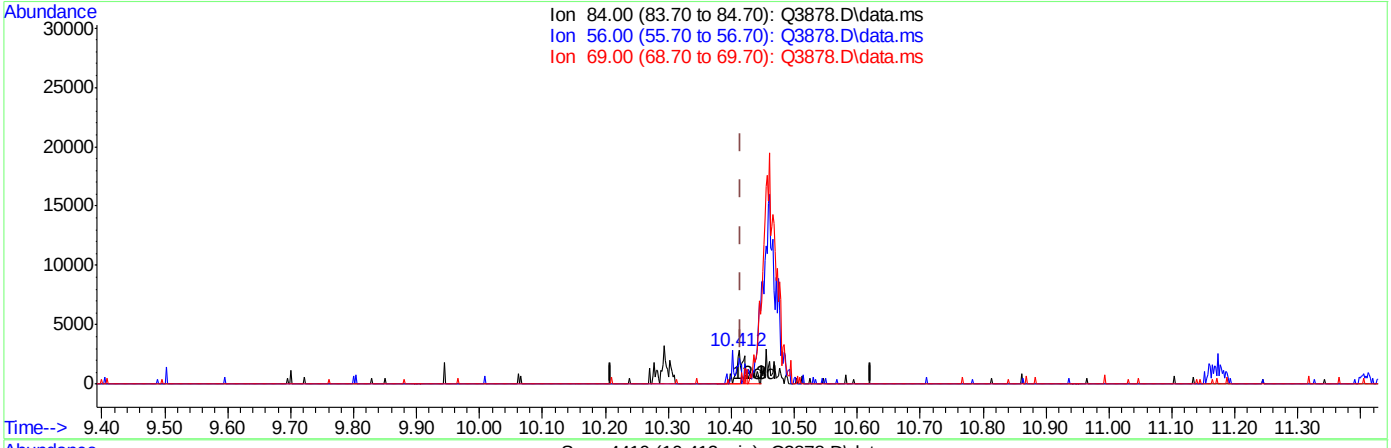
response 2360

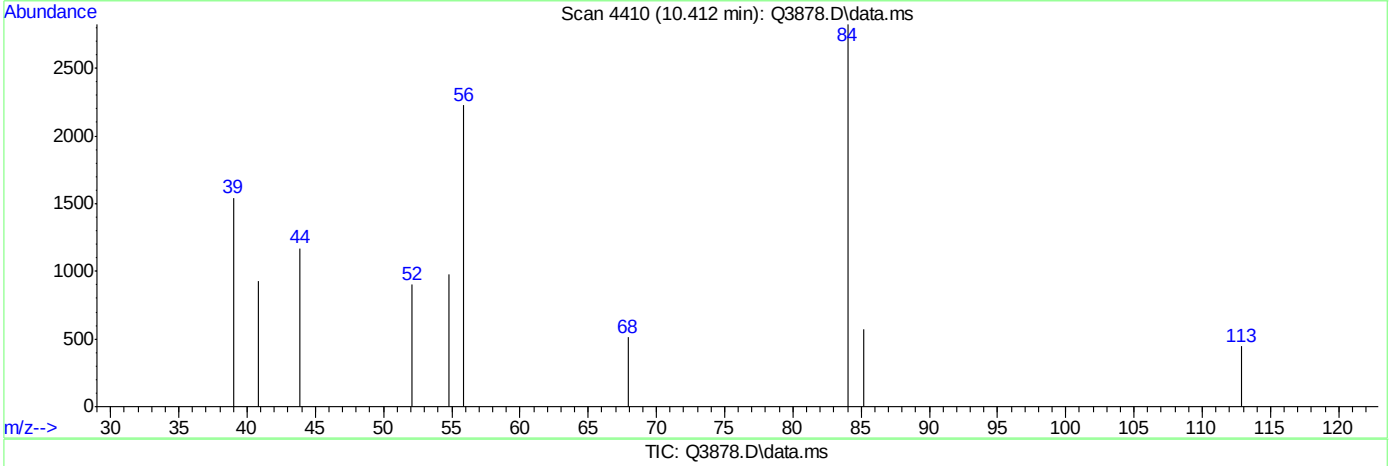
Ion	Exp%	Act%
84.00	100	100
56.00	177.10	35.51#
69.00	37.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(37) CYCLOHEXANE (m)

10.412min (-0.003) 0.22PPBV m

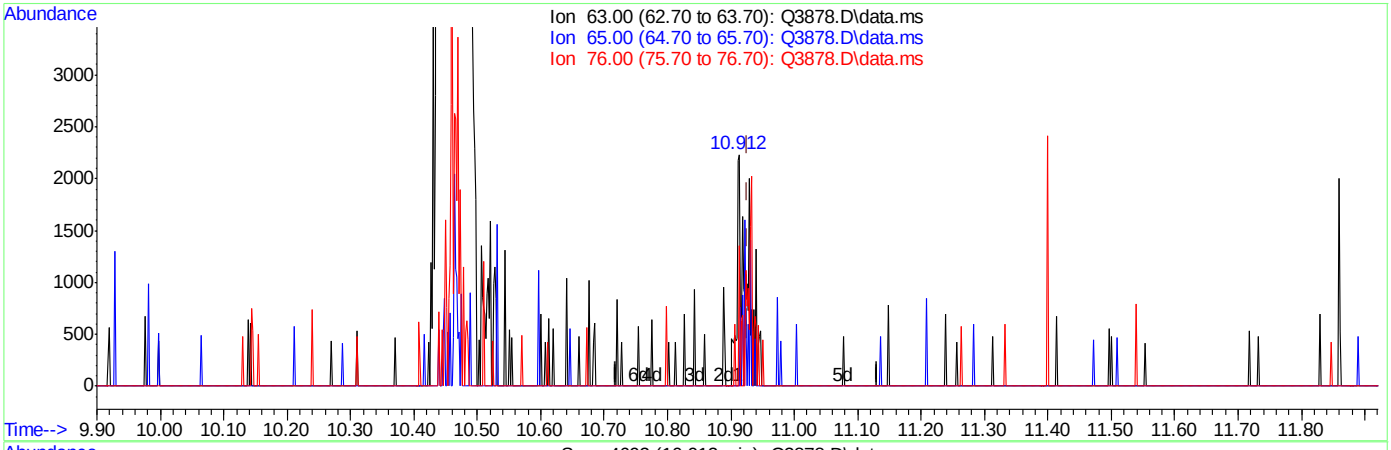
response 3119

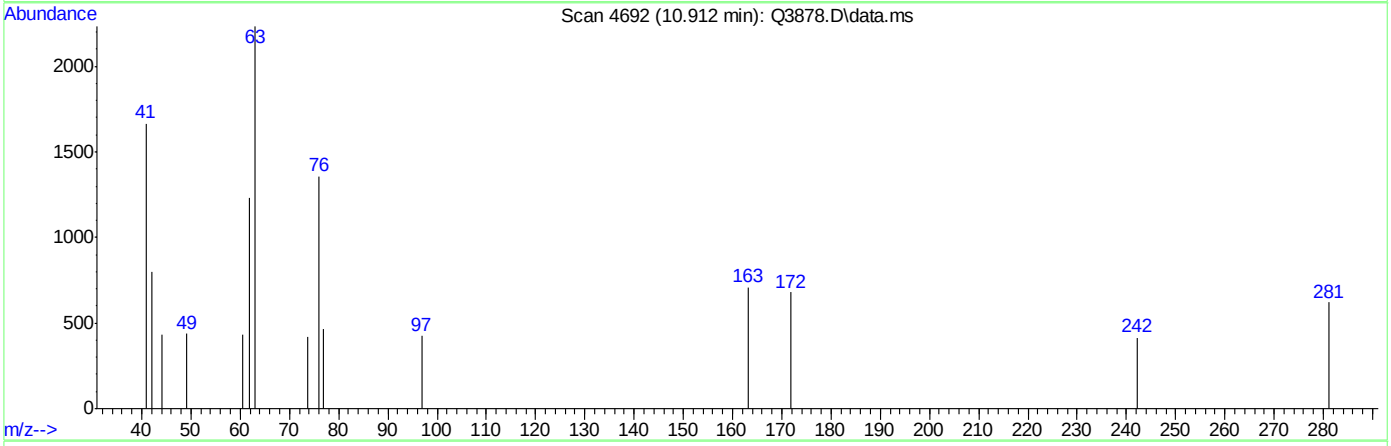
Ion	Exp%	Act%
84.00	100	100
56.00	177.10	26.87#
69.00	37.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(39) 1,2-DICHLOROPROPANE (m)

10.912min (-0.014) 0.10PPBV

response 1220

Ion	Exp%	Act%
63.00	100	100
65.00	28.60	38.20
76.00	41.10	112.05#
0.00	0.00	0.00

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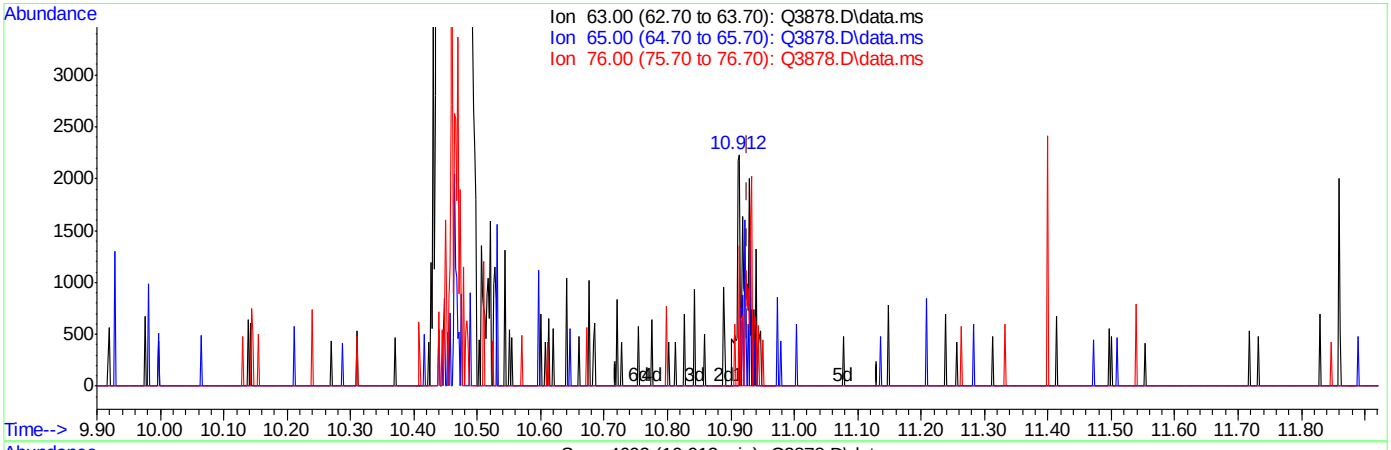
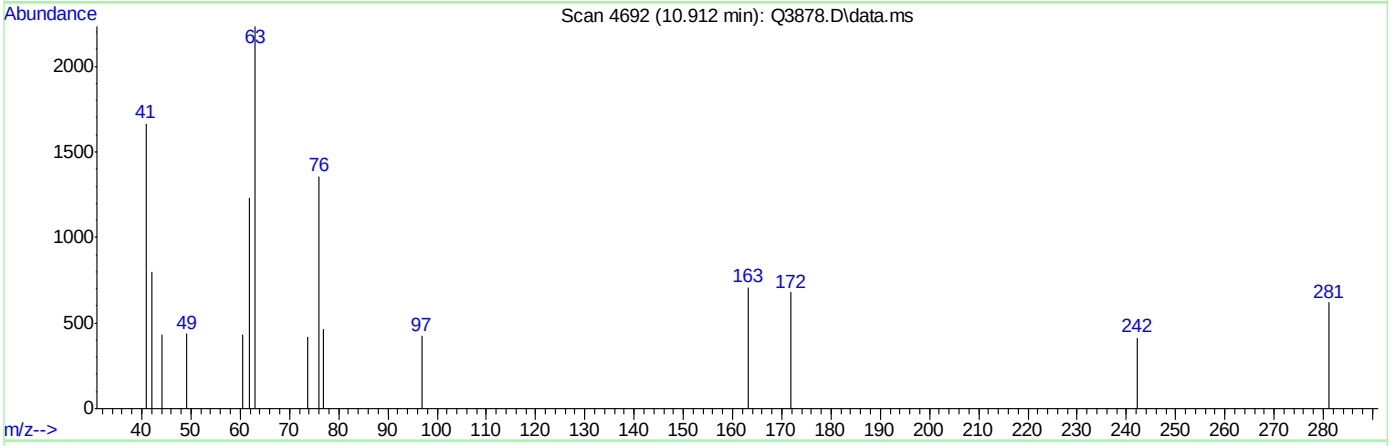
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(39) 1,2-DICHLOROPROPANE (m)

10.912min (-0.014) 0.19PPBV m

response 2308

Ion	Exp%	Act%
63.00	100	100
65.00	28.60	20.19
76.00	41.10	59.23
0.00	0.00	0.00

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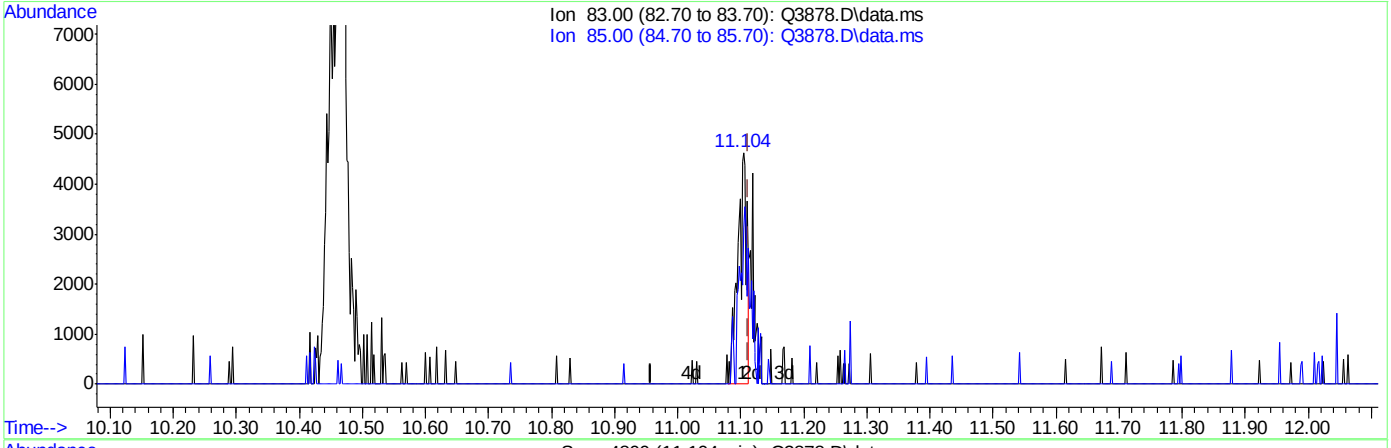
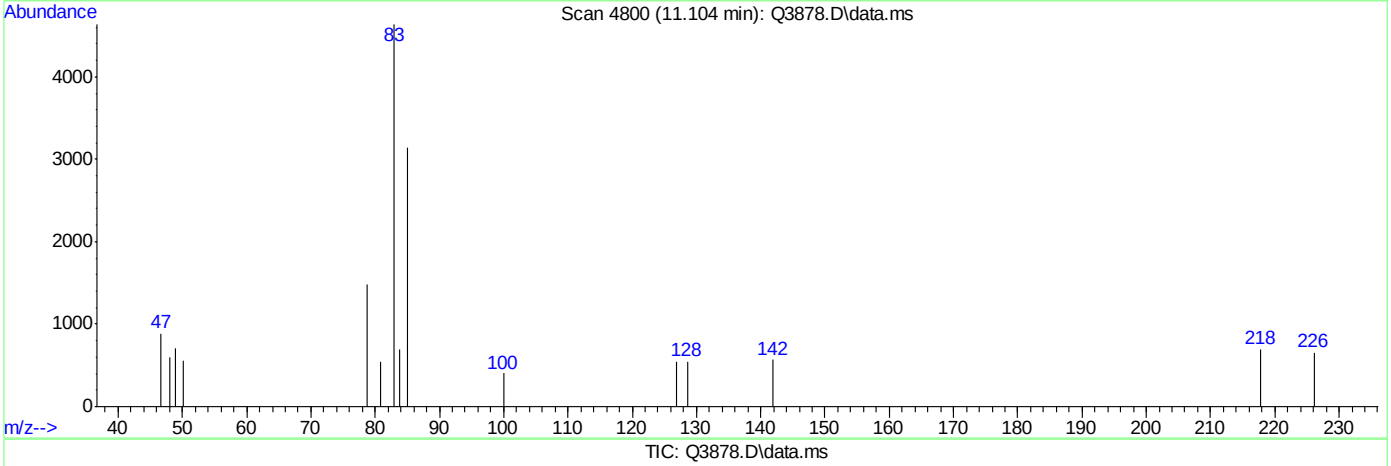
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(40) BROMODICHLOROMETHANE (m)

11.104min (-0.009) 0.11PPBV

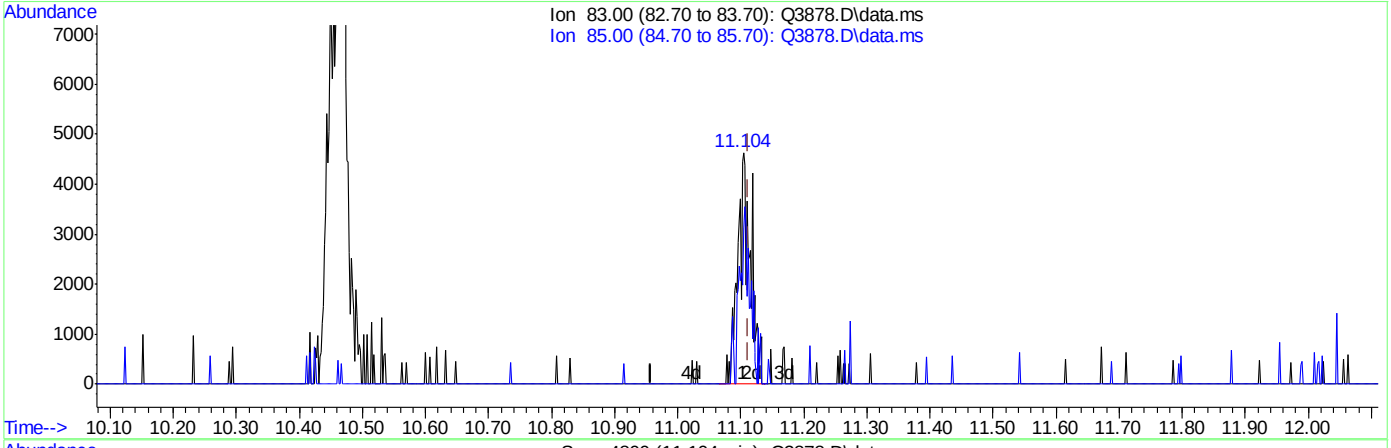
response 4525

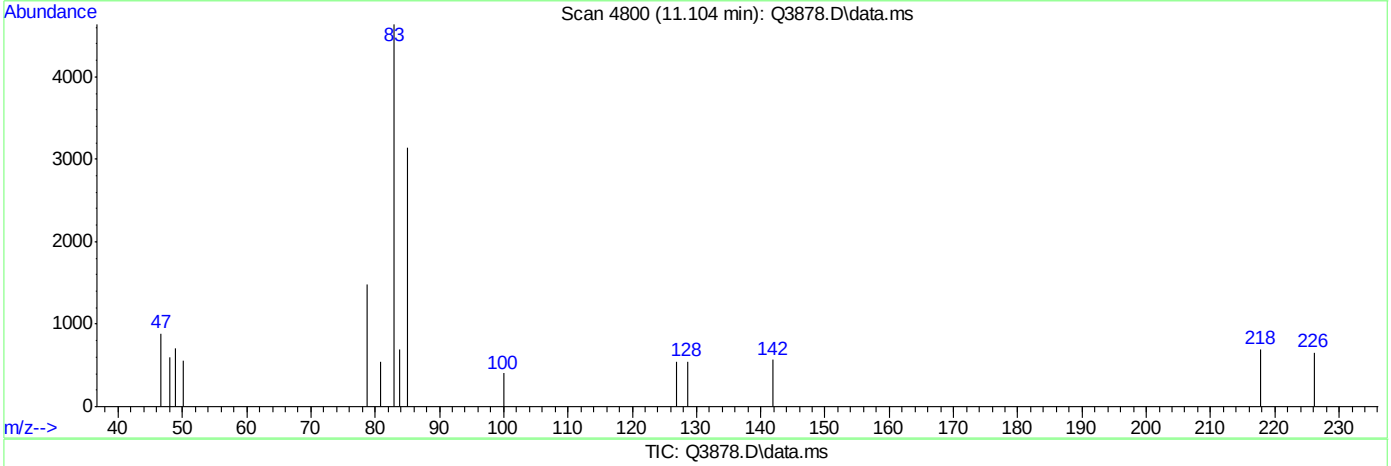
Ion	Exp%	Act%
83.00	100	100
85.00	63.80	93.15#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(40) BROMODICHLOROMETHANE (m)

11.104min (-0.009) 0.16PPBV m

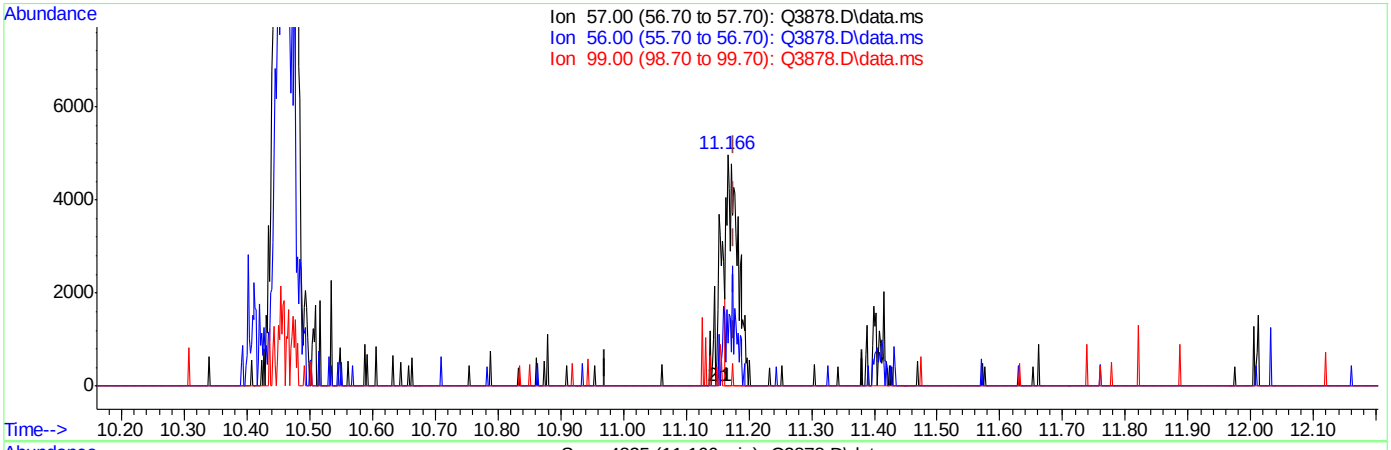
response 6598

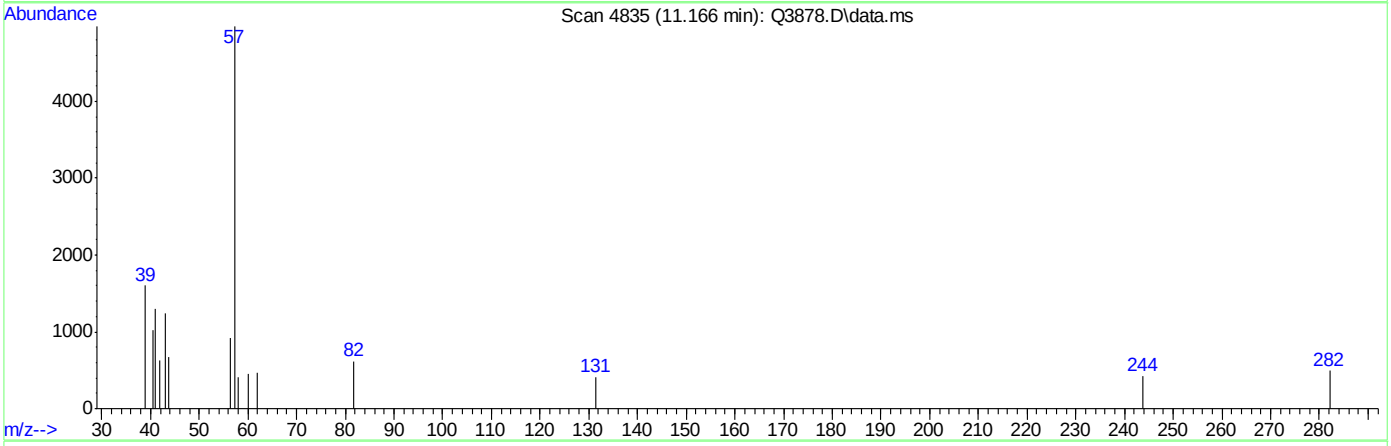
Ion	Exp%	Act%
83.00	100	100
85.00	63.80	63.88
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(41) 2,2,4-TRIMETHYLPENTANE (m)

11.166min (-0.011) 0.12PPBV

response 6369

Ion	Exp%	Act%
57.00	100	100
56.00	32.10	26.39
99.00	6.00	0.00
0.00	0.00	0.00

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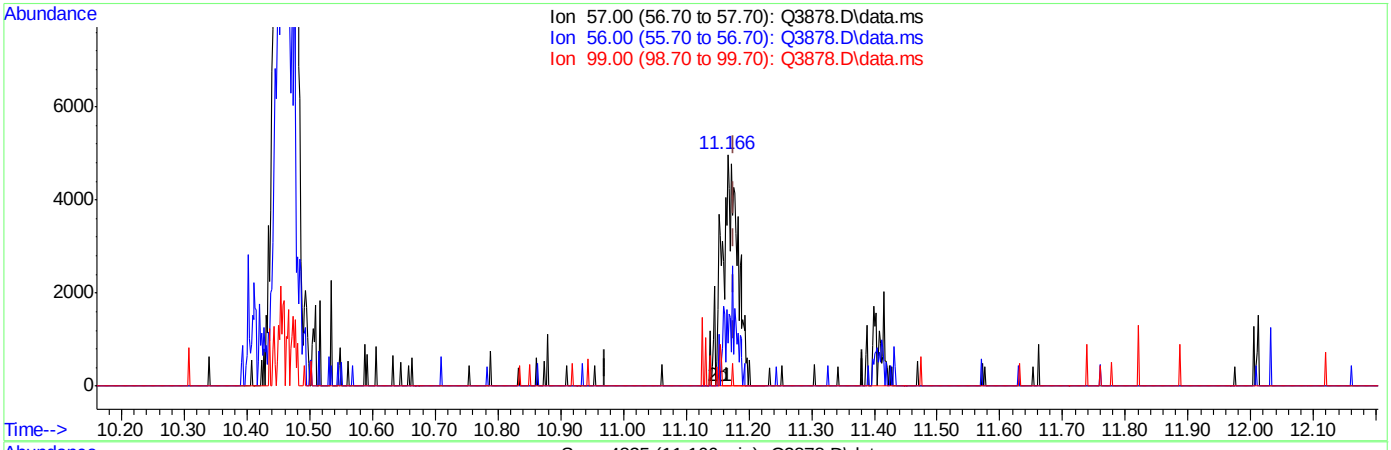
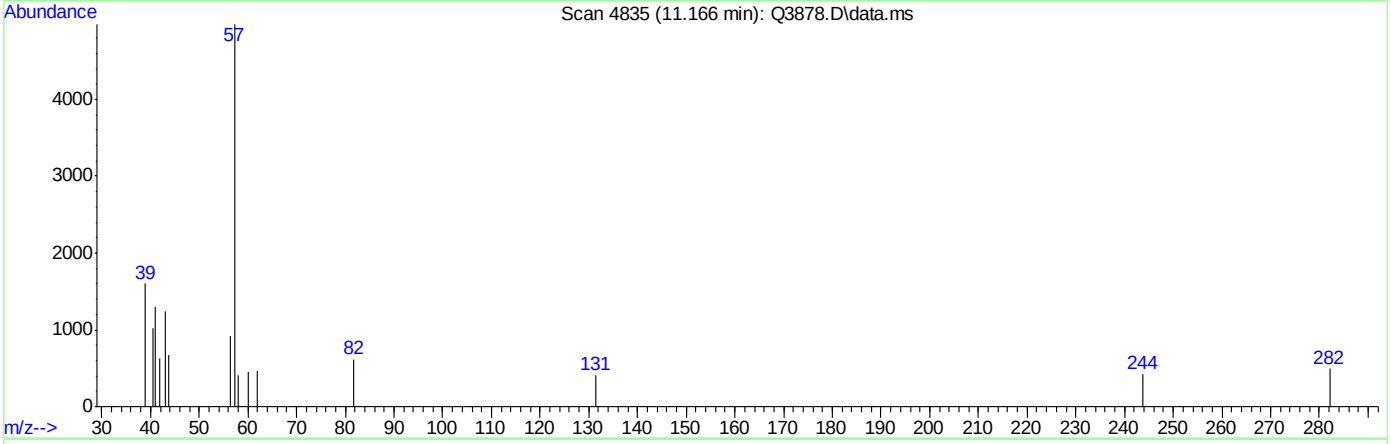
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(41) 2,2,4-TRIMETHYLPENTANE (m)

11.166min (-0.011) 0.17PPBV m

response 8940

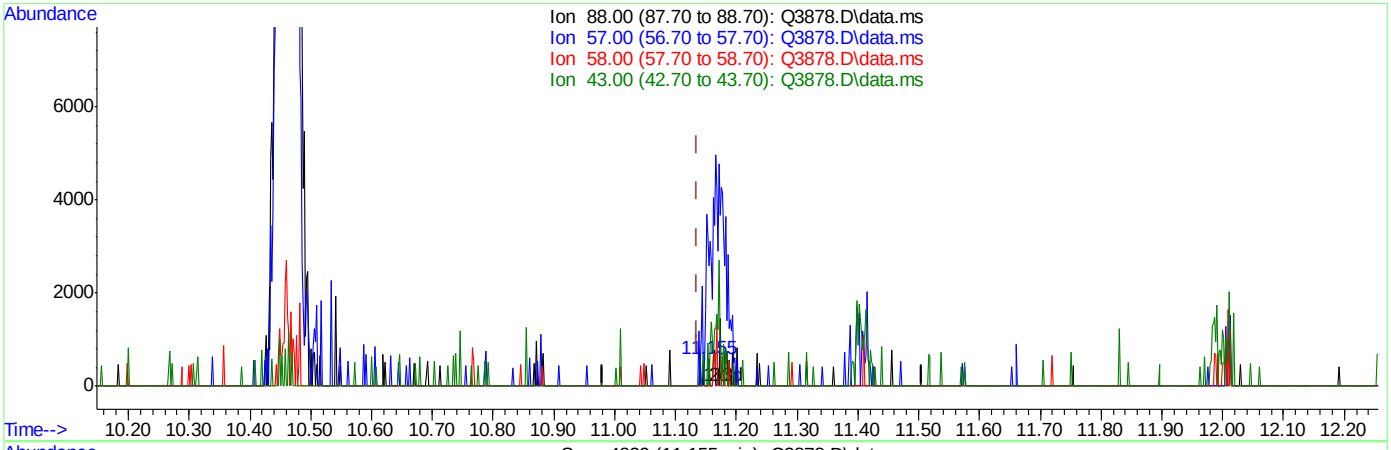
Ion	Exp%	Act%
57.00	100	100
56.00	32.10	18.80
99.00	6.00	0.00
0.00	0.00	0.00

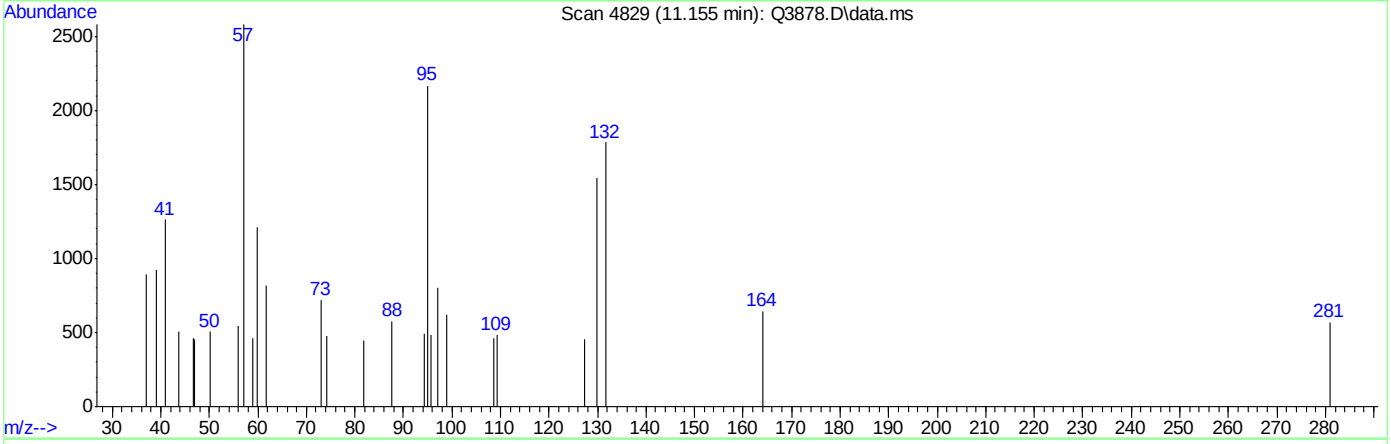
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(42) 1,4-DIOXANE (m)

11.155min (+0.020) 0.01PPBV

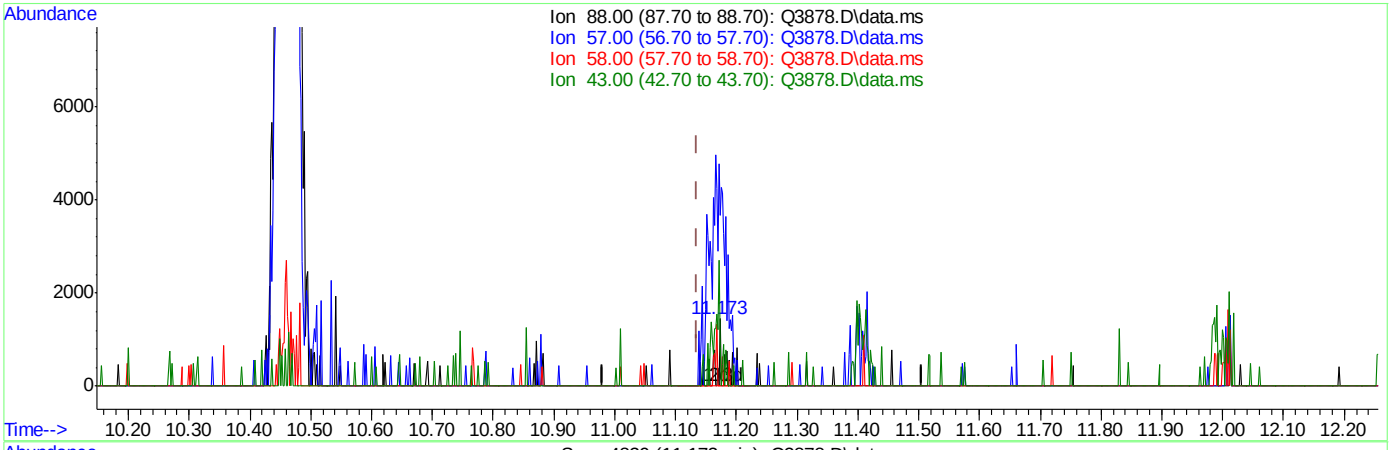
response 62

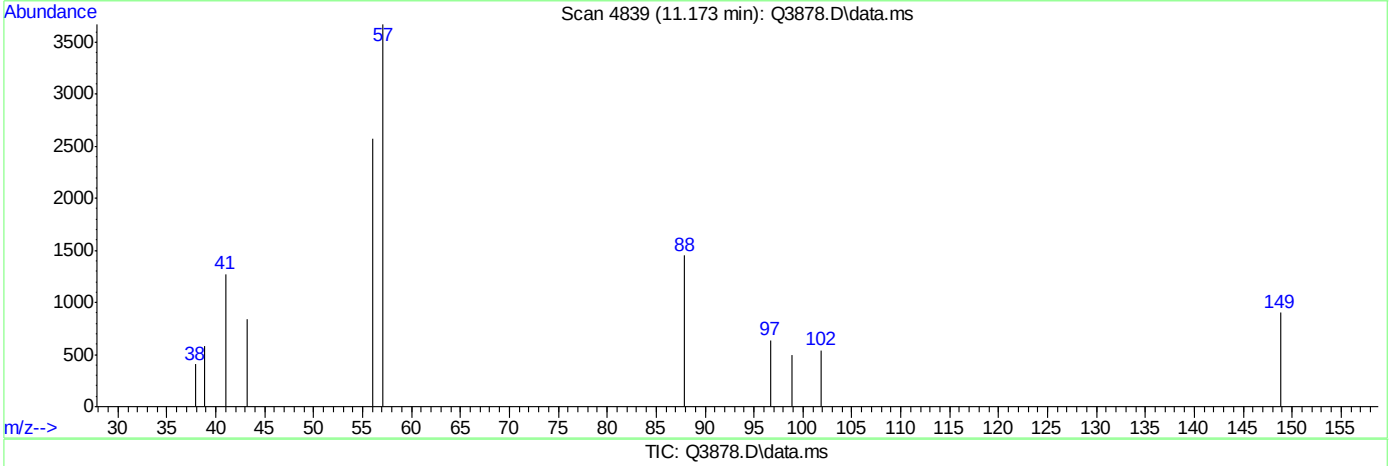
Ion	Exp%	Act%
88.00	100	100
57.00	45.40	445.77#
58.00	84.10	0.00#
43.00	40.20	0.00#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(42) 1,4-DIOXANE (m)

11.173min (+0.038) 0.13PPBV m

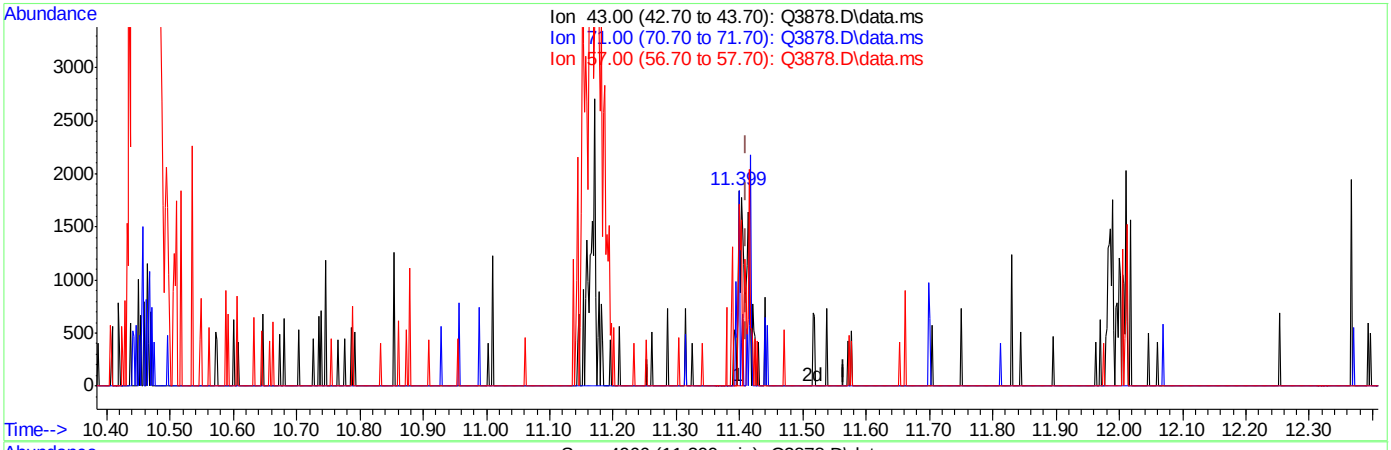
response 951

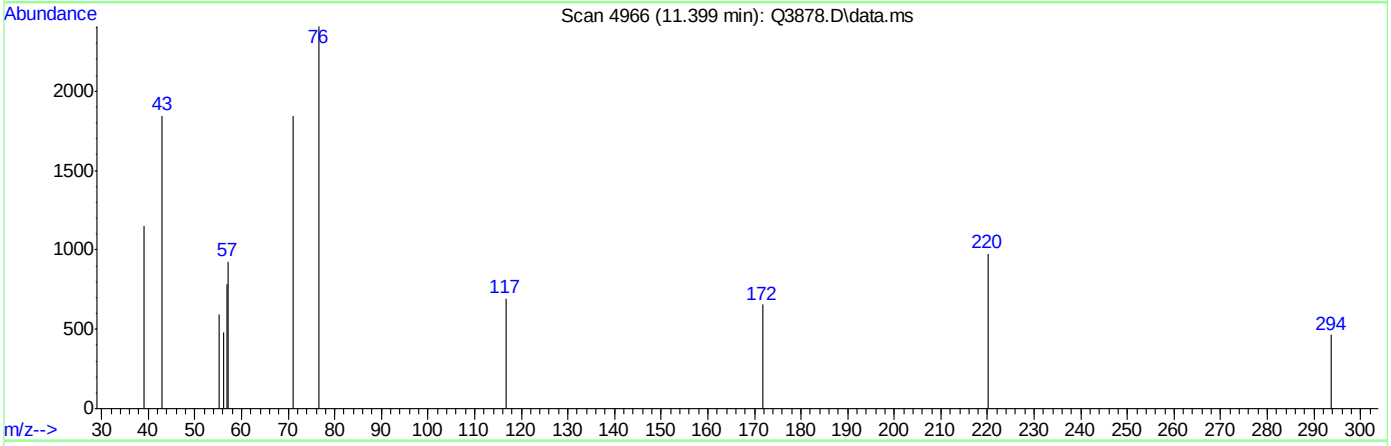
Ion	Exp%	Act%
88.00	100	100
57.00	45.40	253.10#
58.00	84.10	0.00#
43.00	40.20	58.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(43) HEPTANE (m)

11.399min (-0.012) 0.07PPBV

response 1197

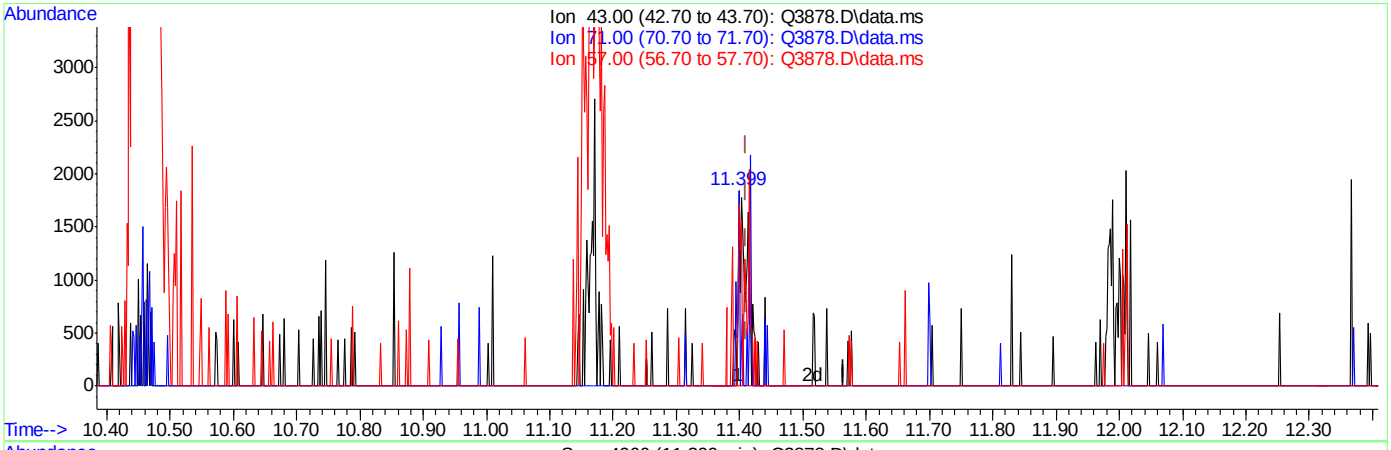
Ion	Exp%	Act%
43.00	100	100
71.00	40.90	45.11
57.00	54.60	17.79#
0.00	0.00	0.00

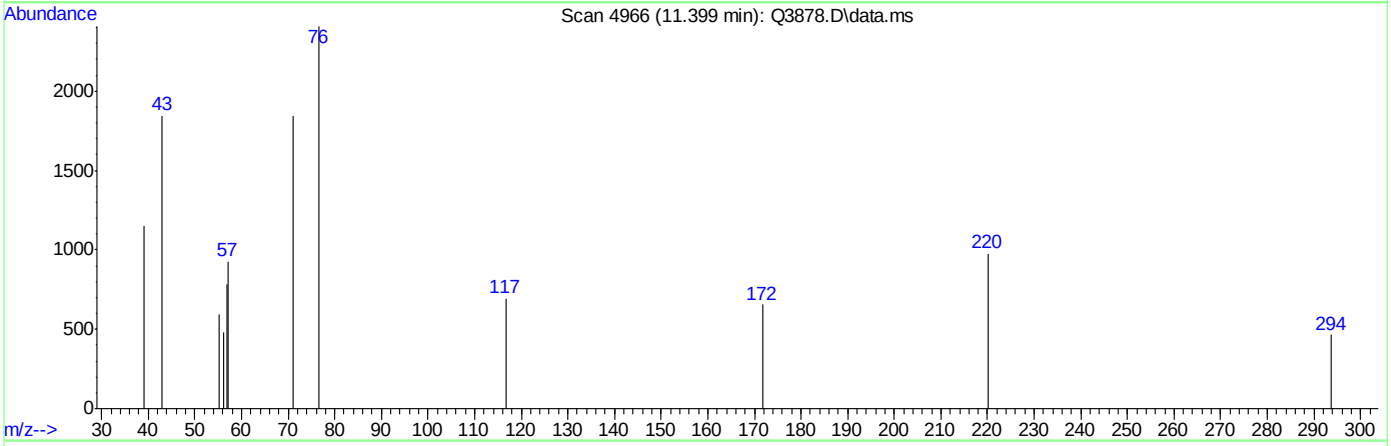
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(43) HEPTANE (m)

11.399min (-0.012) 0.11PPBV m

response 1981

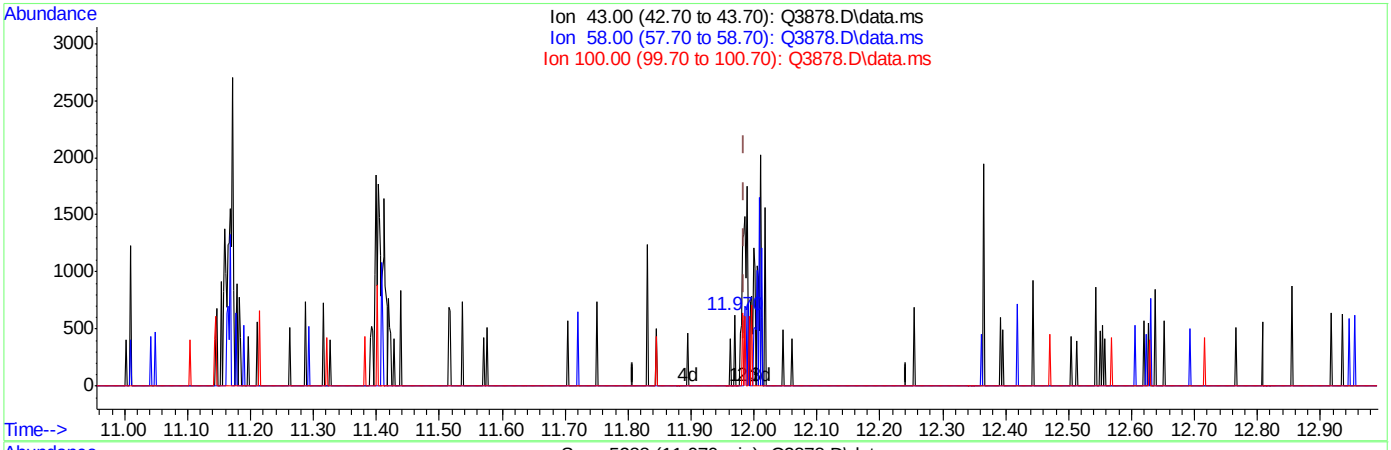
Ion	Exp%	Act%
43.00	100	100
71.00	40.90	27.26
57.00	54.60	10.75#
0.00	0.00	0.00

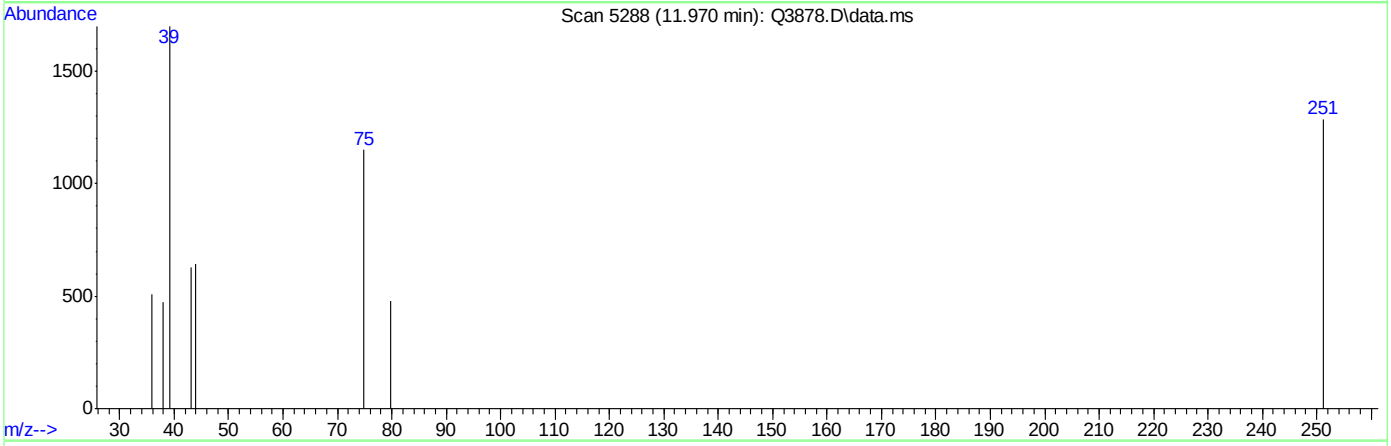
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(44) METHYL ISOBUTYL KETONE (m)

11.970min (-0.014) 0.00PPBV

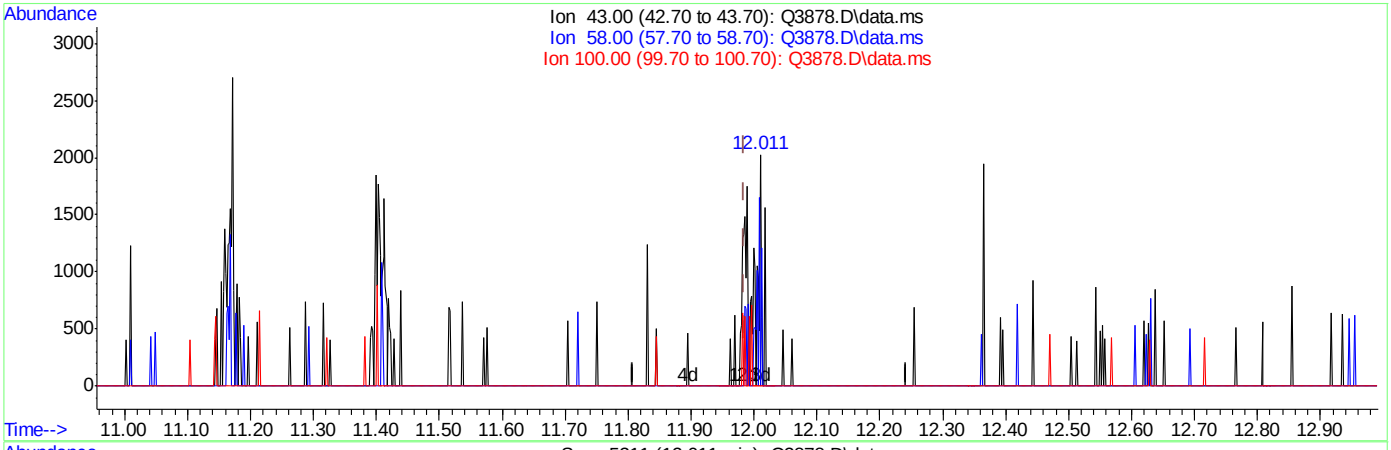
response 111

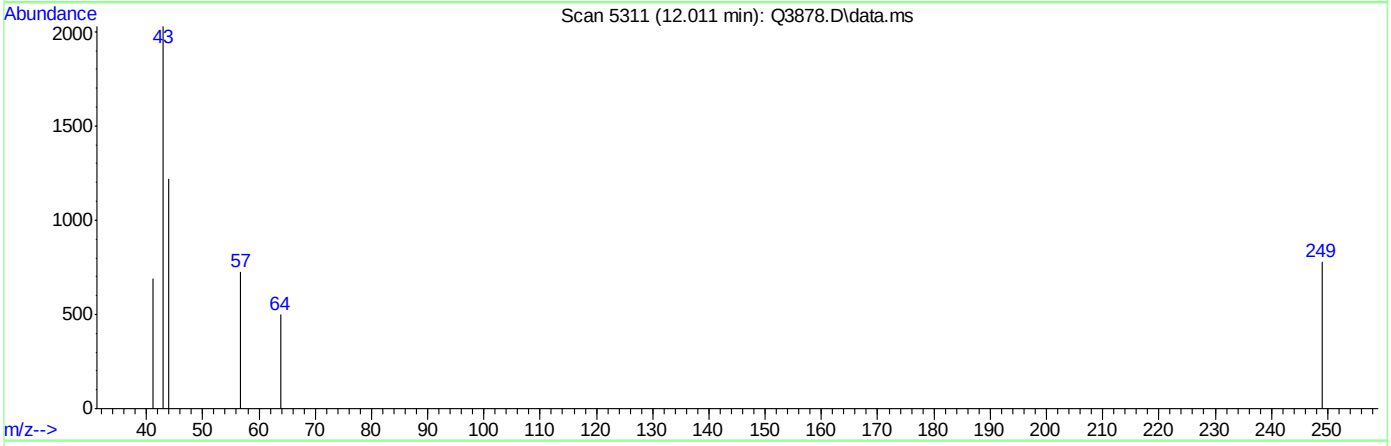
Ion	Exp%	Act%
43.00	100	100
58.00	39.30	0.00#
100.00	8.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(44) METHYL ISOBUTYL KETONE (m)

12.011min (+0.027) 0.08PPBV m

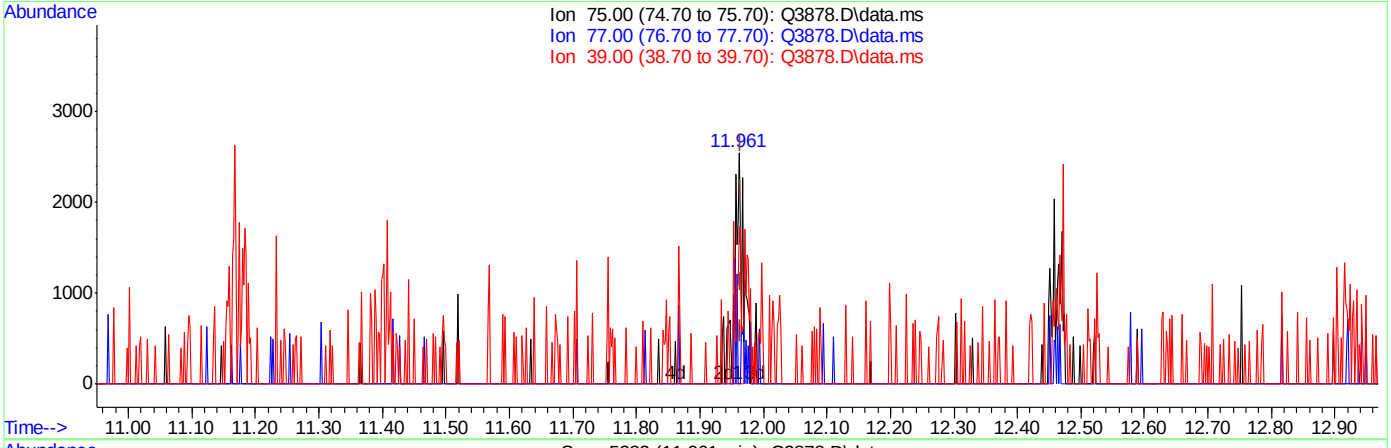
response 2163

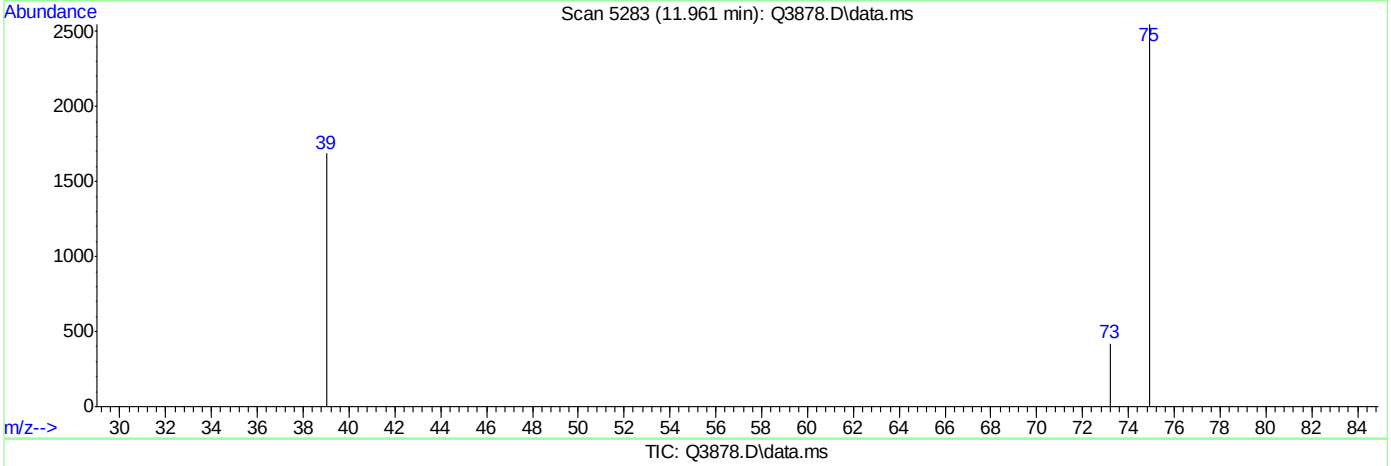
Ion	Exp%	Act%
43.00	100	100
58.00	39.30	0.00#
100.00	8.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(45) cis-1,3-DICHLOROPROPENE (m)

11.961min (-0.003) 0.07PPBV

response 1598

Ion	Exp%	Act%
75.00	100	100
77.00	31.60	17.33
39.00	87.50	68.71
0.00	0.00	0.00

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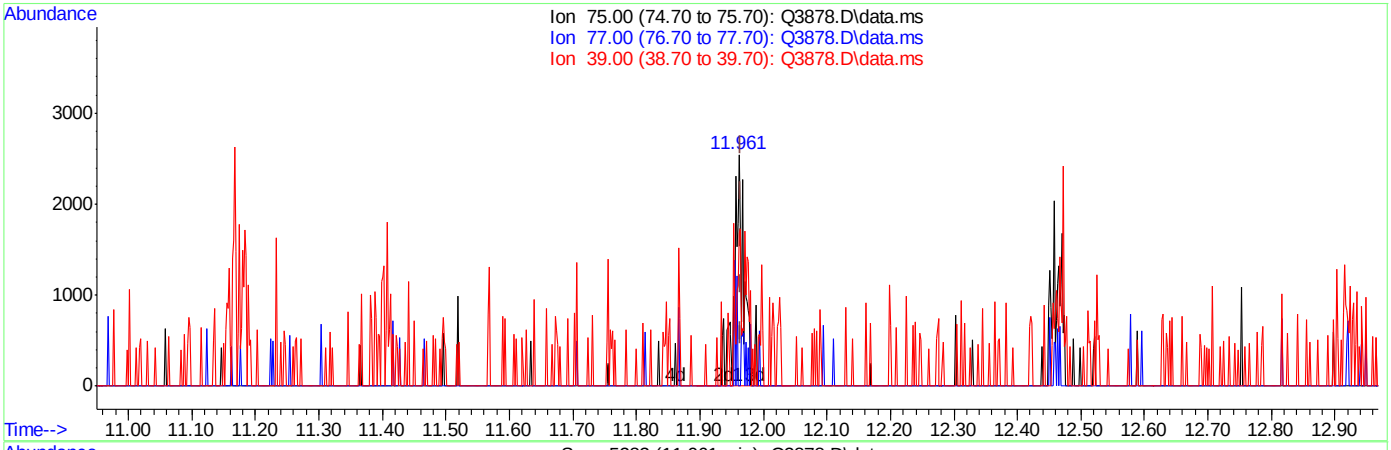
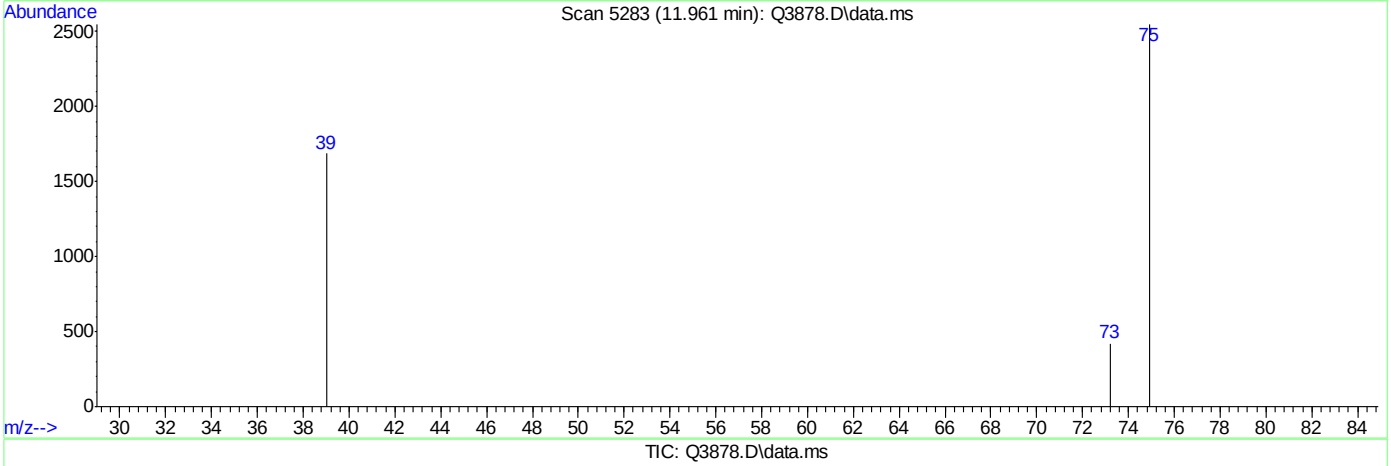
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(45) cis-1,3-DICHLOROPROPENE (m)

11.961min (-0.003) 0.12PPBV m

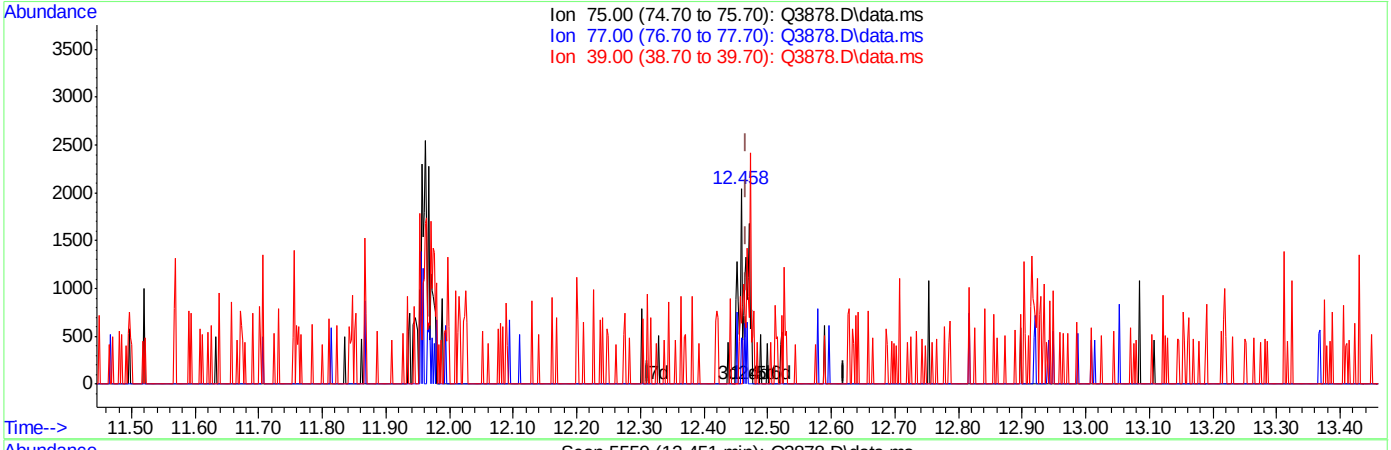
response 2641

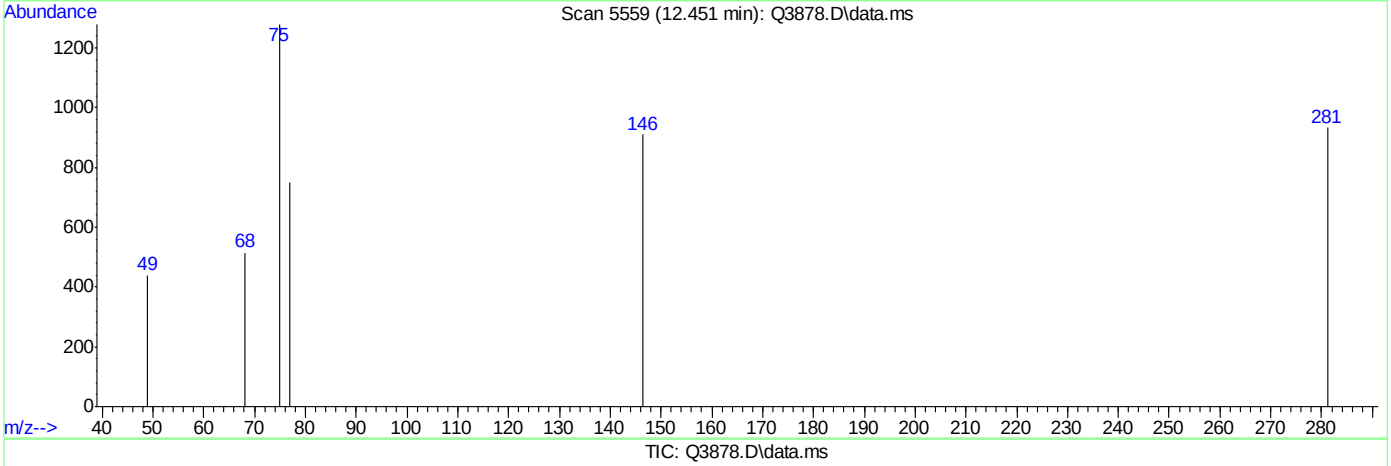
Ion	Exp%	Act%
75.00	100	100
77.00	31.60	10.49#
39.00	87.50	41.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(47) trans-1,3-DICHLOROPROPENE (m)

12.451min (-0.015) 0.04PPBV

response 726

Ion	Exp%	Act%
75.00	100	100
77.00	31.60	0.00#
39.00	60.50	0.00#
0.00	0.00	0.00

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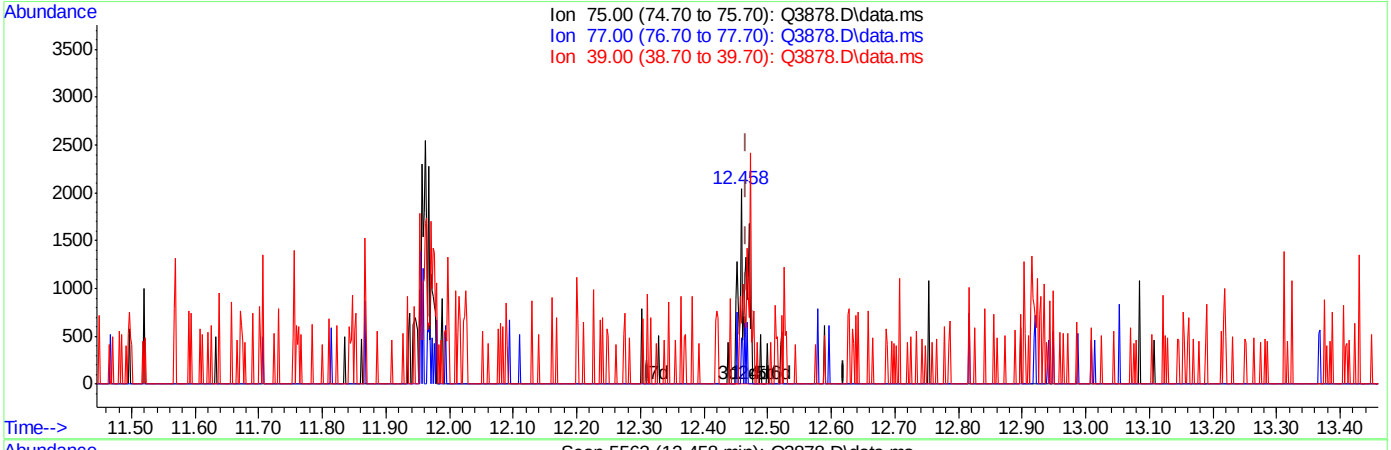
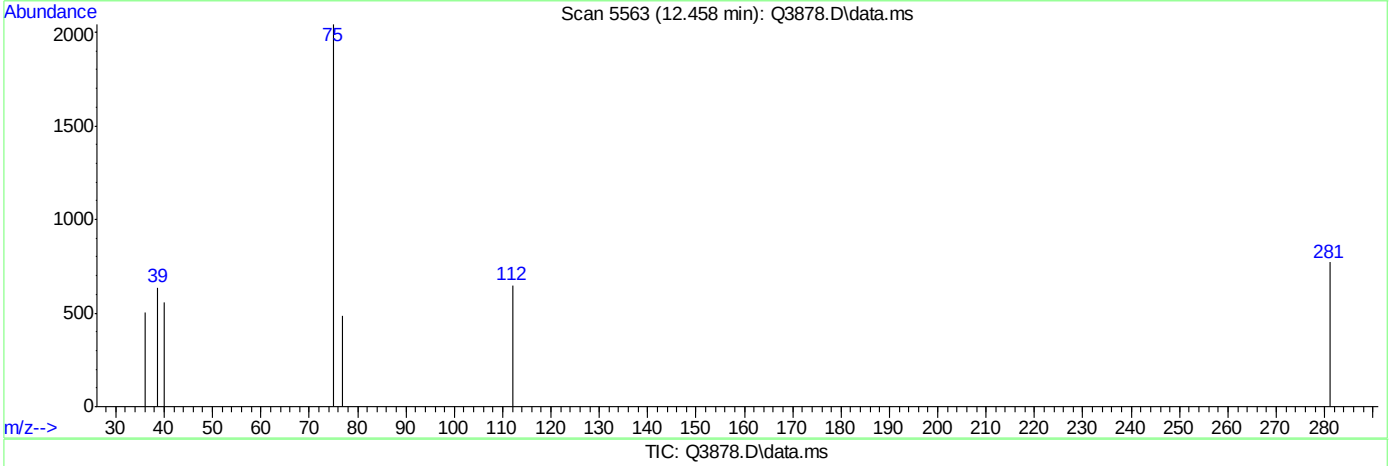
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(47) trans-1,3-DICHLOROPROPENE (m)

12.458min (-0.008) 0.09PPBV m

response 1702

Ion	Exp%	Act%
75.00	100	100
77.00	31.60	0.00#
39.00	60.50	0.00#
0.00	0.00	0.00

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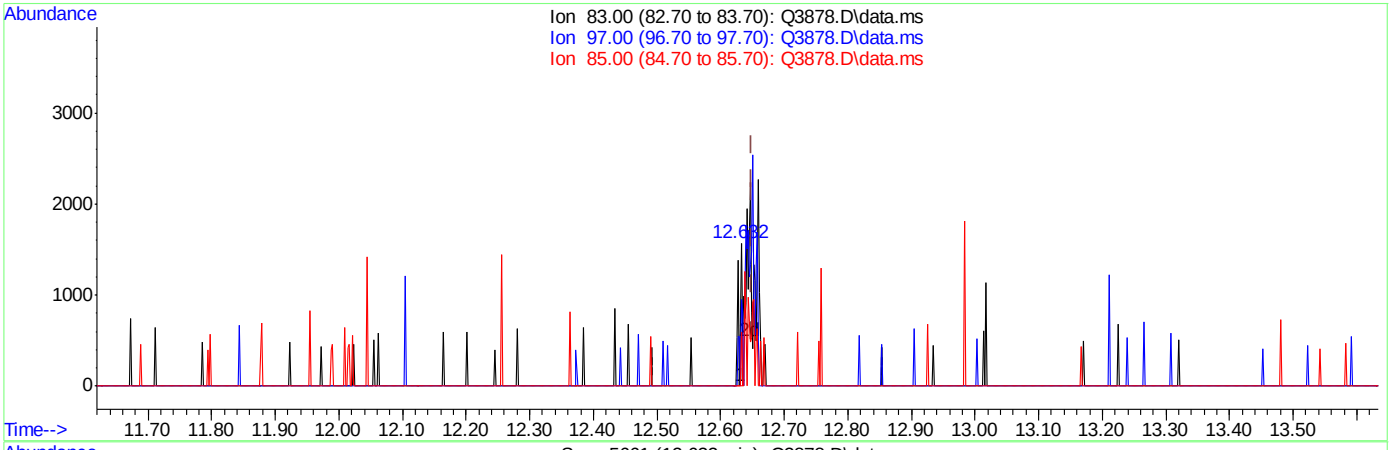
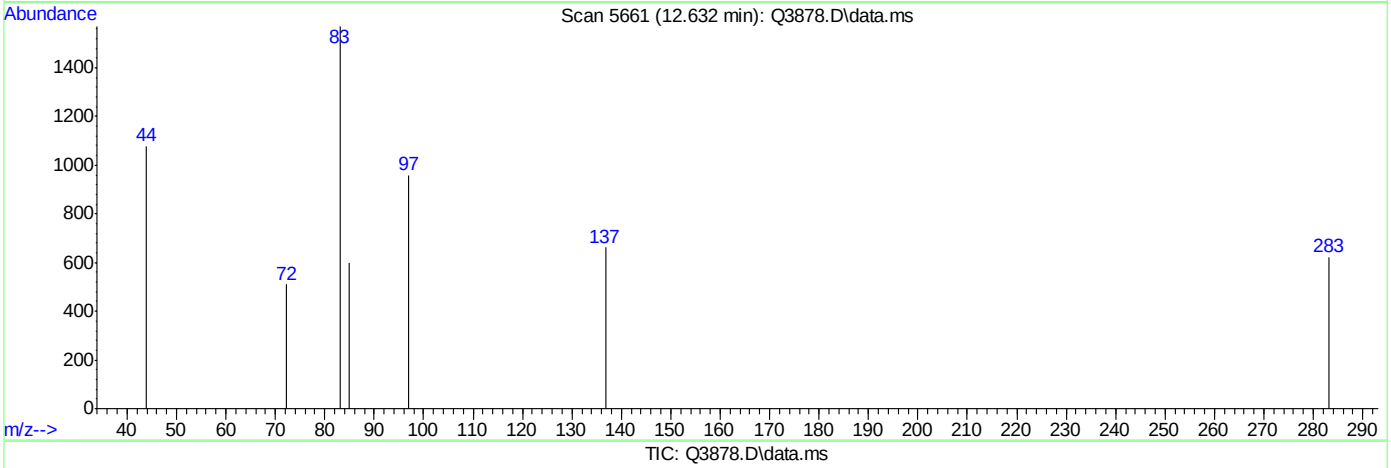
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(48) 1,1,2-TRICHLOROETHANE (m)

12.632min (-0.018) 0.03PPBV

response 504

Ion	Exp%	Act%
83.00	100	100
97.00	113.20	0.00#
85.00	64.40	53.57
0.00	0.00	0.00

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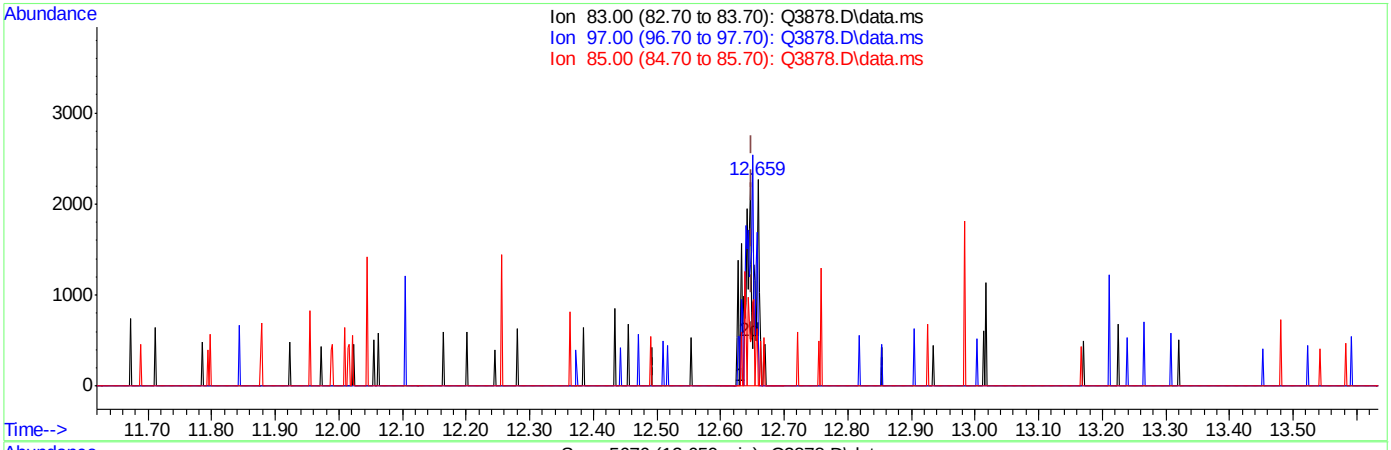
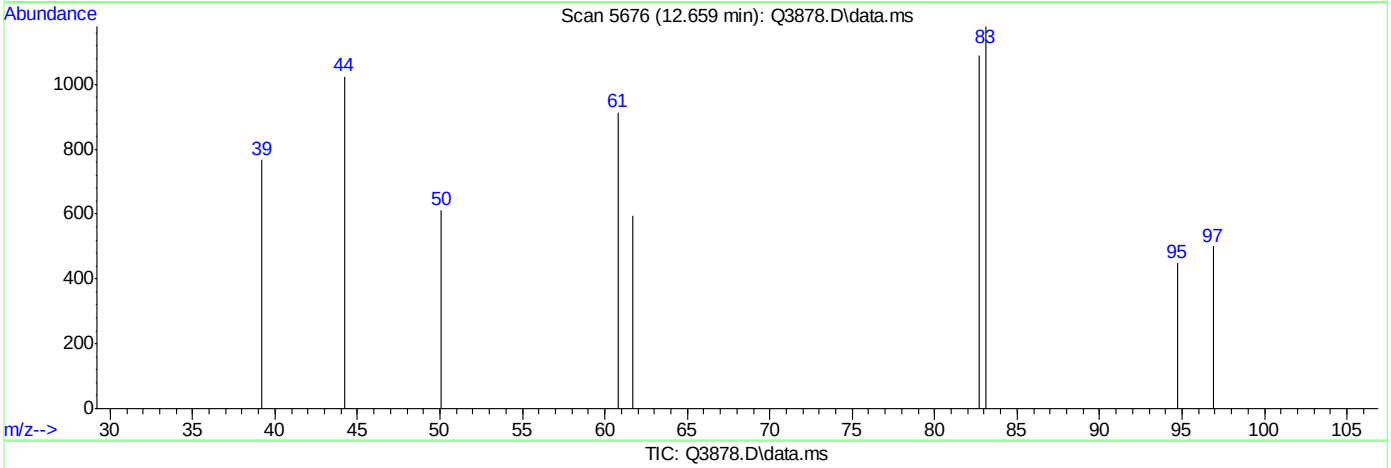
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(48) 1,1,2-TRICHLOROETHANE (m)

12.659min (+0.009) 0.18PPBV m

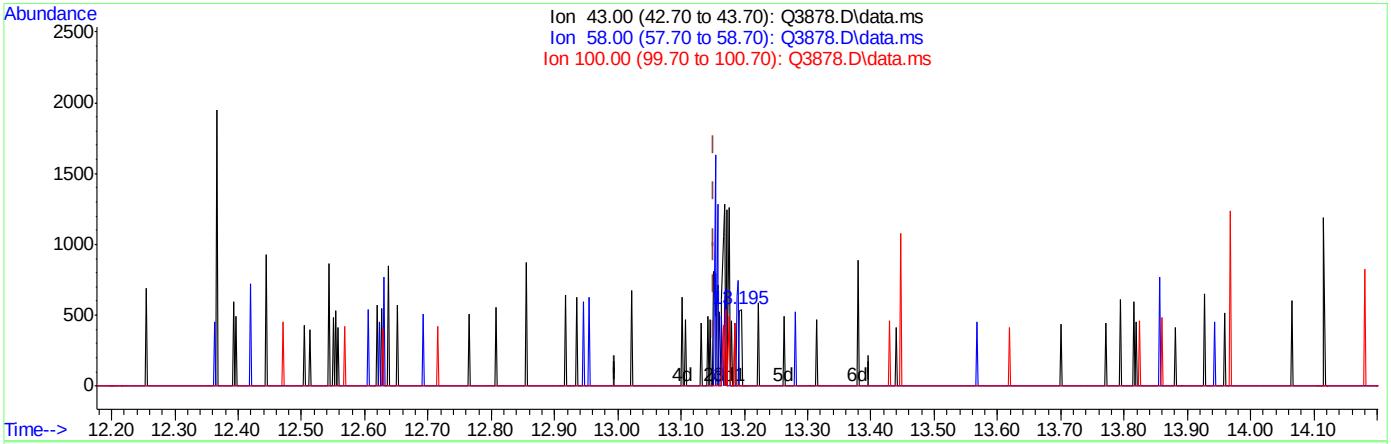
response 2605

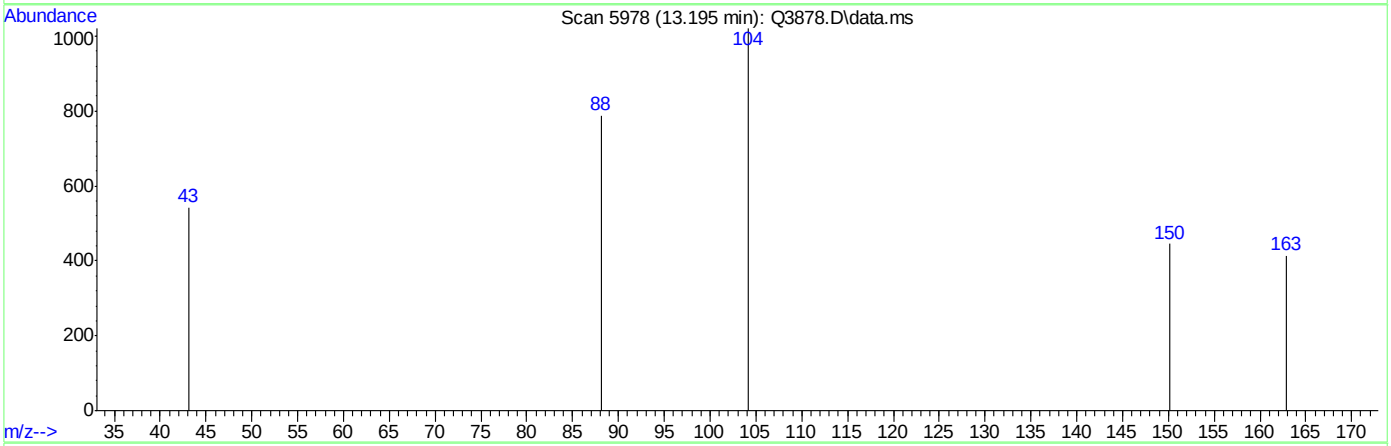
Ion	Exp%	Act%
83.00	100	100
97.00	113.20	0.00#
85.00	64.40	10.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(50) 2-HEXANONE (m)

13.195min (+0.043) 0.01PPBV

response 268

Ion	Exp%	Act%
43.00	100	100
58.00	52.00	54.85
100.00	6.20	17.54
0.00	0.00	0.00

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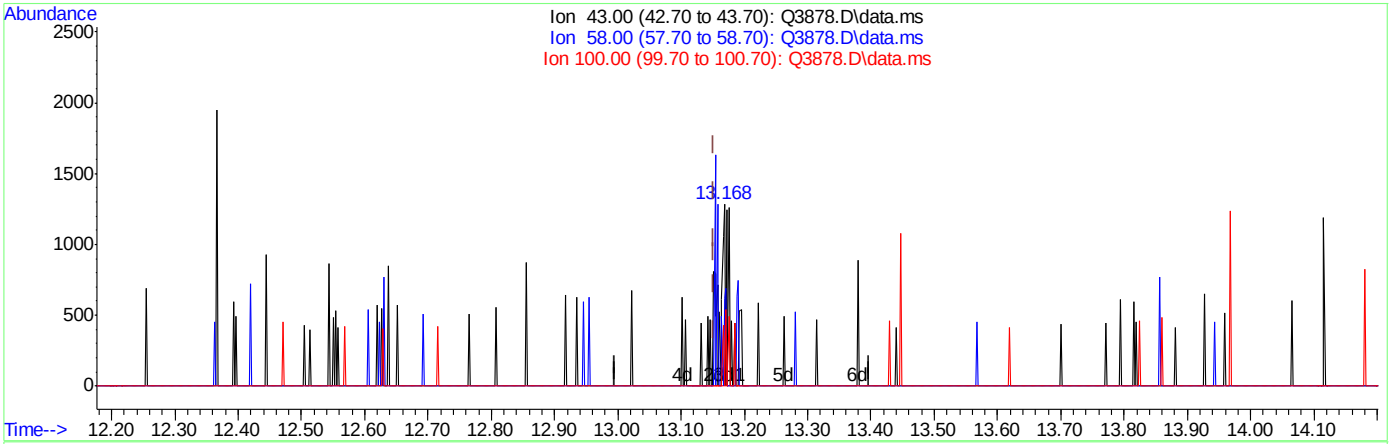
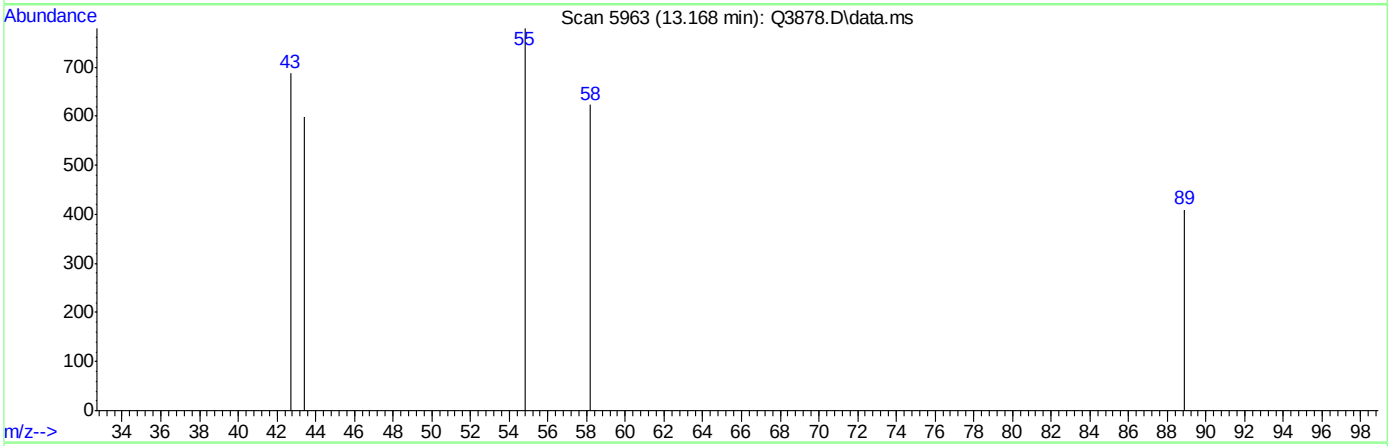
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(50) 2-HEXANONE (m)

13.168min (+0.016) 0.06PPBV m

response 1353

Ion	Exp%	Act%
43.00	100	100
58.00	52.00	10.86#
100.00	6.20	3.47
0.00	0.00	0.00

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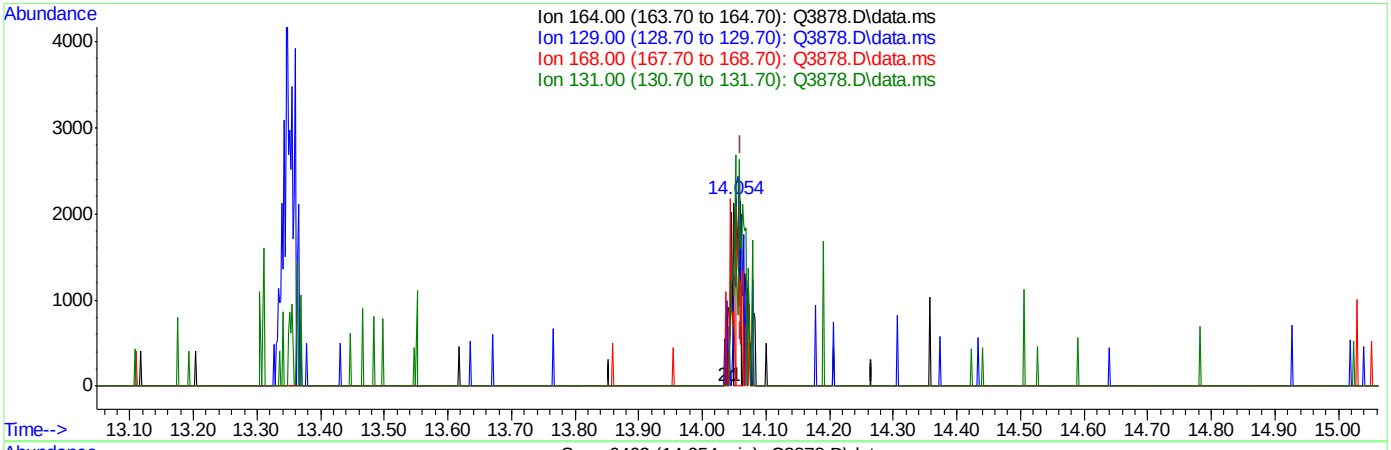
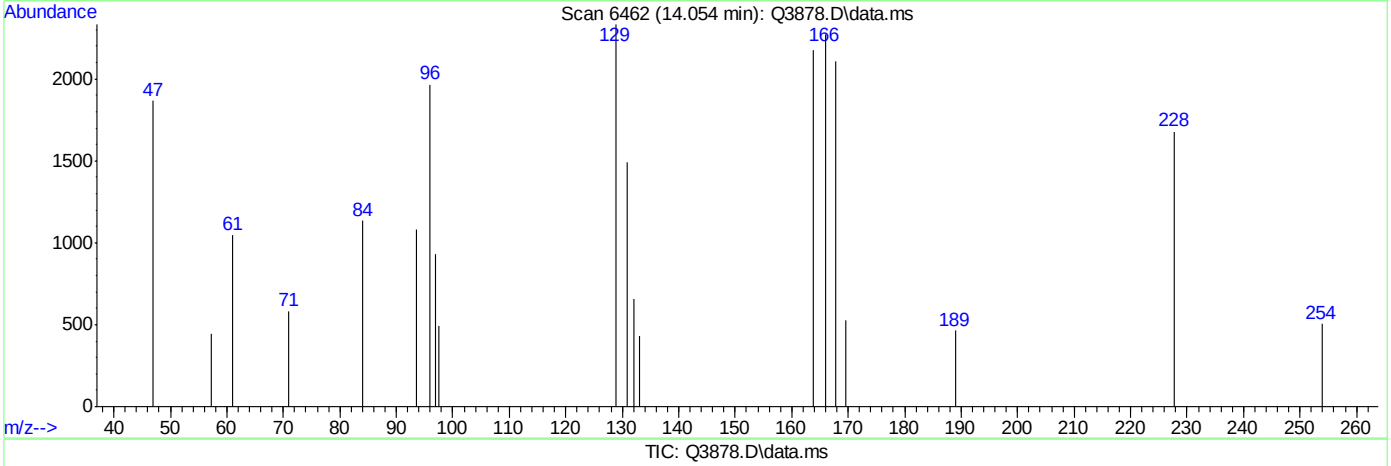
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(51) TETRACHLOROETHYLENE (m)

14.054min (-0.007) 0.06PPBV

response 1138

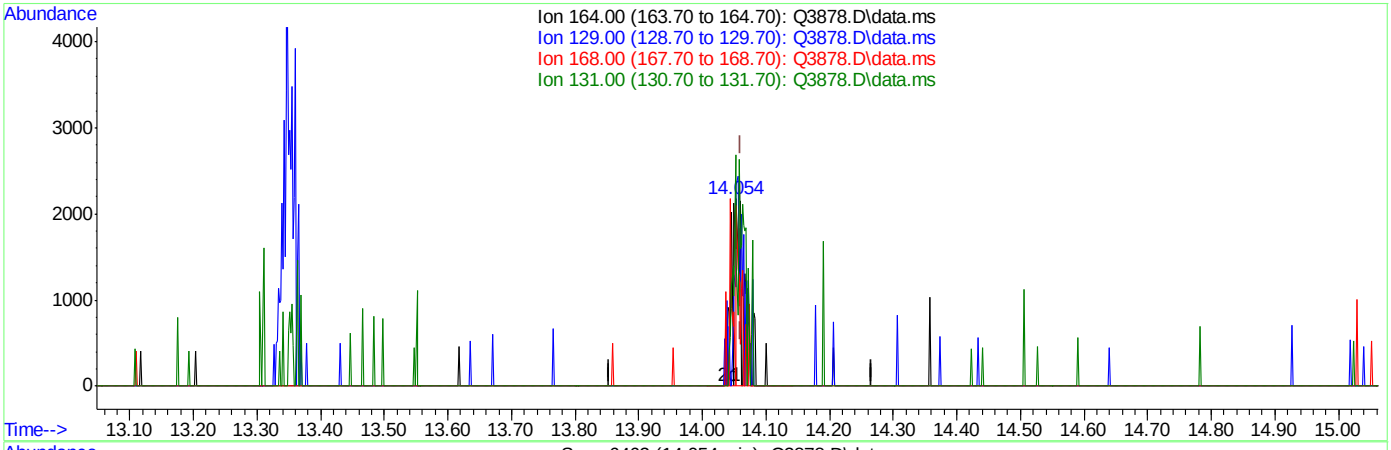
Ion	Exp%	Act%
164.00	100	100
129.00	107.30	196.40#
168.00	59.50	79.00
131.00	108.30	89.81

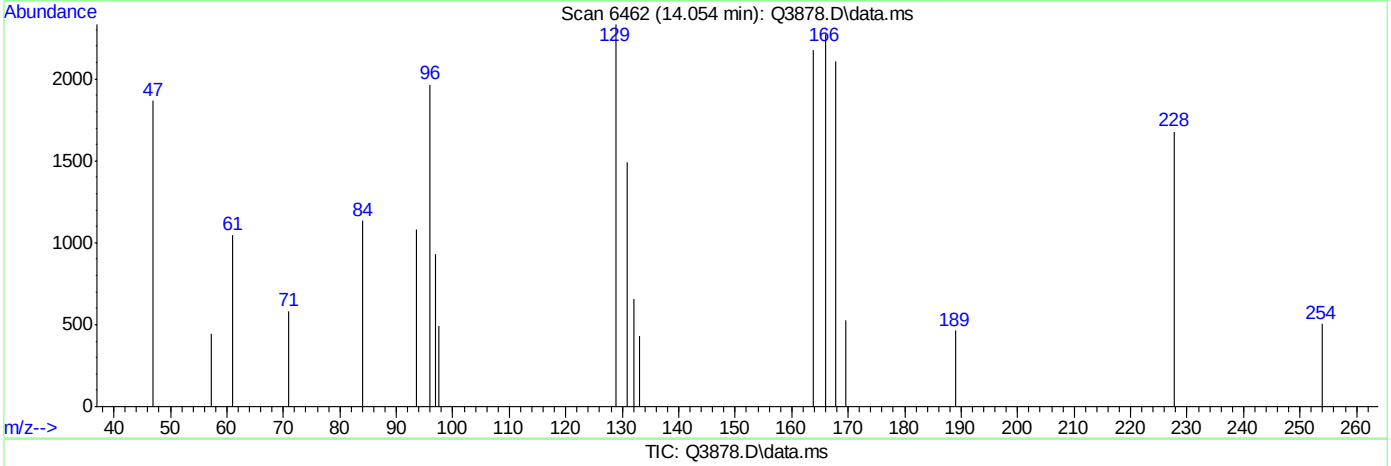
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(51) TETRACHLOROETHYLENE (m)

14.054min (-0.007) 0.15PPBV m

response 2555

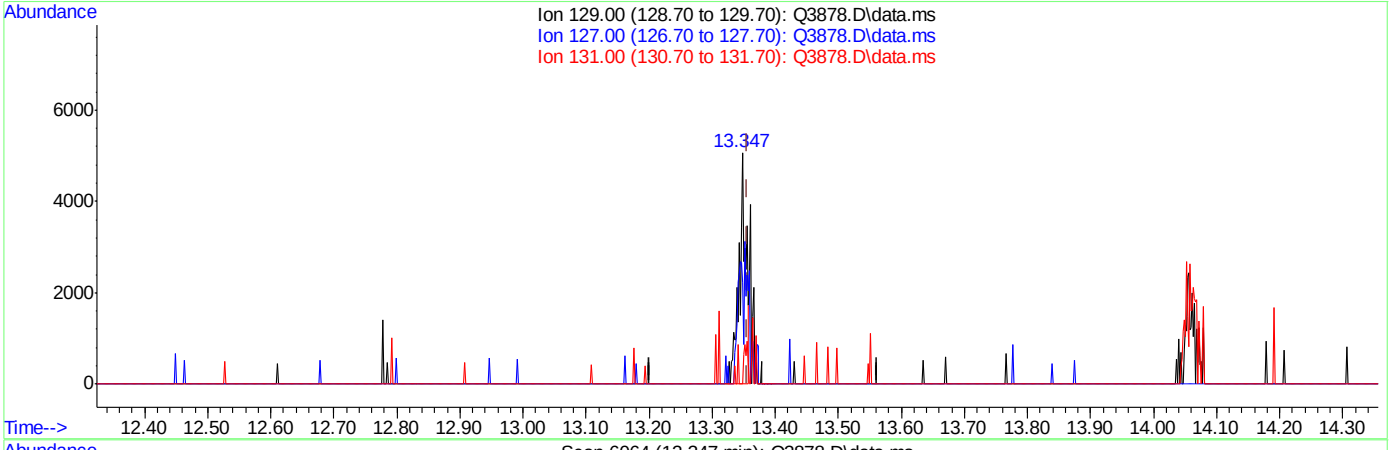
Ion	Exp%	Act%
164.00	100	100
129.00	107.30	87.48
168.00	59.50	35.19#
131.00	108.30	40.00#

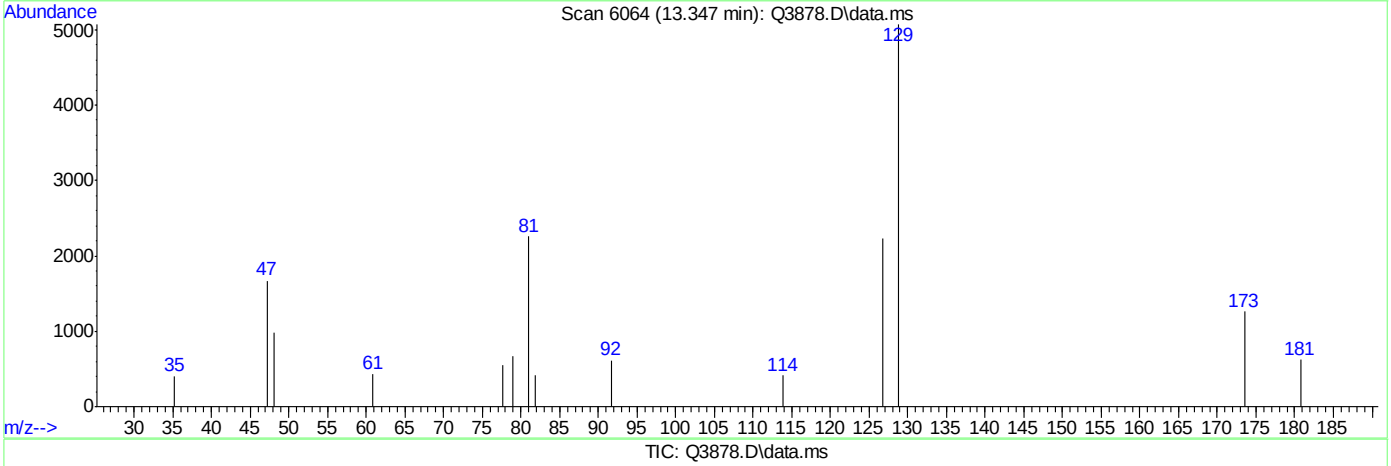
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(52) DIBROMOCHLOROMETHANE (m)

13.347min (-0.009) 0.10PPBV

response 3681

Ion	Exp%	Act%
129.00	100	100
127.00	78.20	93.13
131.00	25.20	10.27
0.00	0.00	0.00

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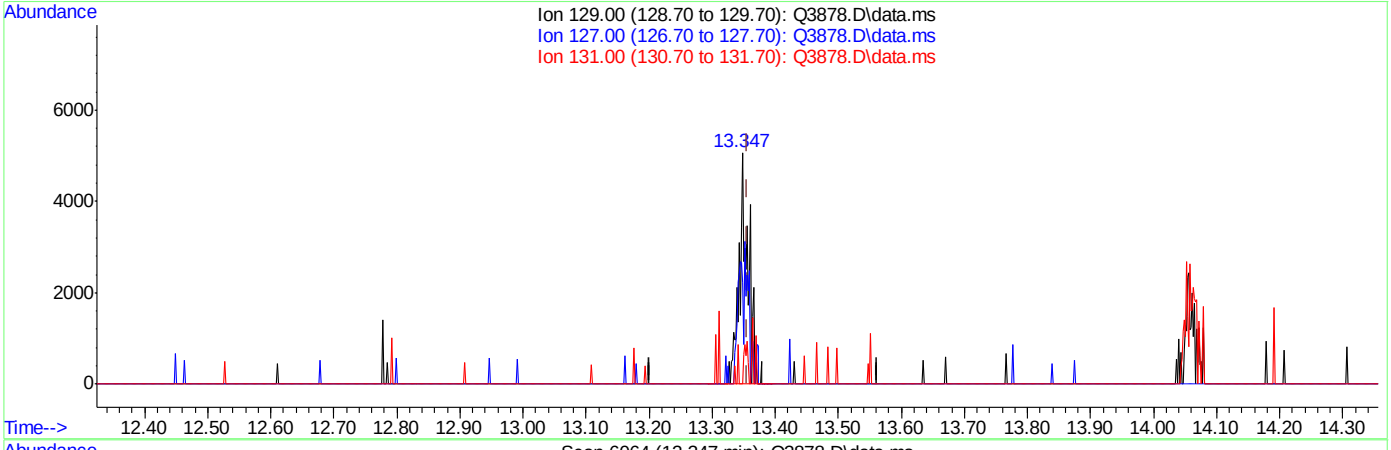
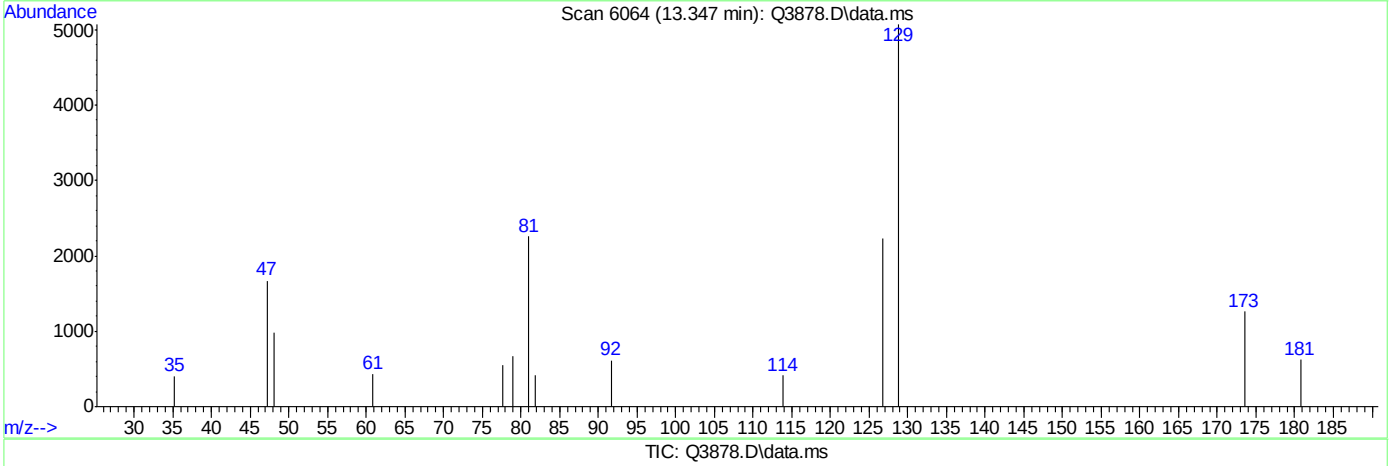
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(52) DIBROMOCHLOROMETHANE (m)

13.347min (-0.009) 0.14PPBV m

response 4820

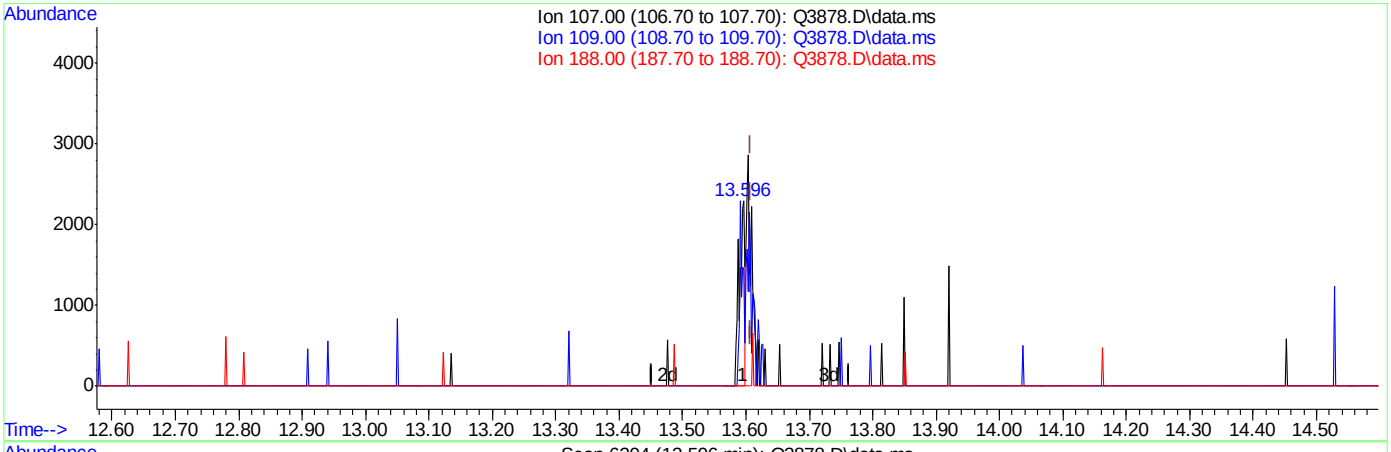
Ion	Exp%	Act%
129.00	100	100
127.00	78.20	71.12
131.00	25.20	7.84
0.00	0.00	0.00

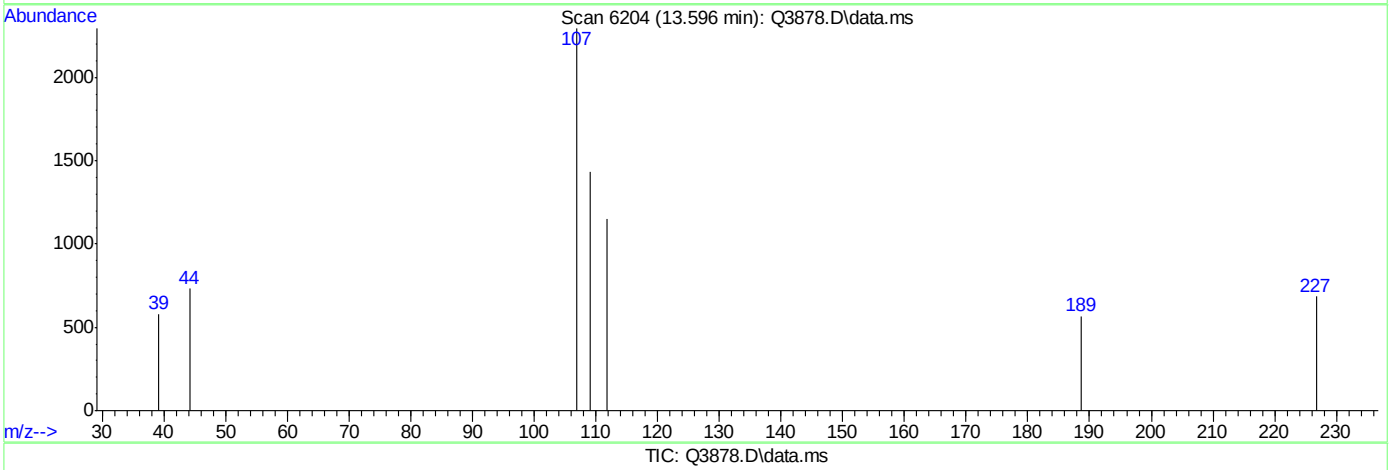
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(53) 1,2-DIBROMOETHANE (m)

13.596min (-0.012) 0.06PPBV

response 1366

Ion	Exp%	Act%
107.00	100	100
109.00	93.40	62.08#
188.00	1.90	0.00
0.00	0.00	0.00

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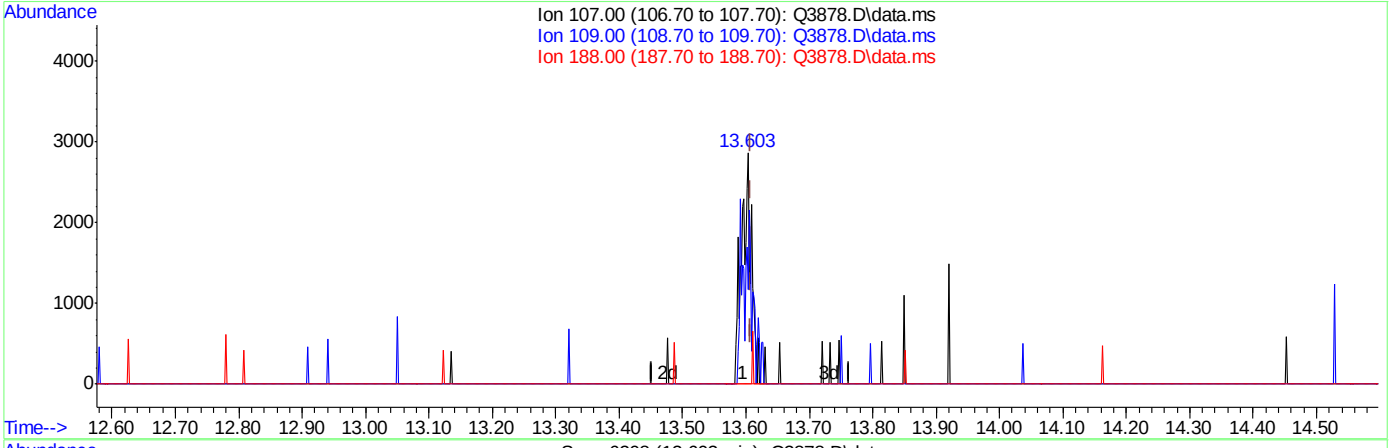
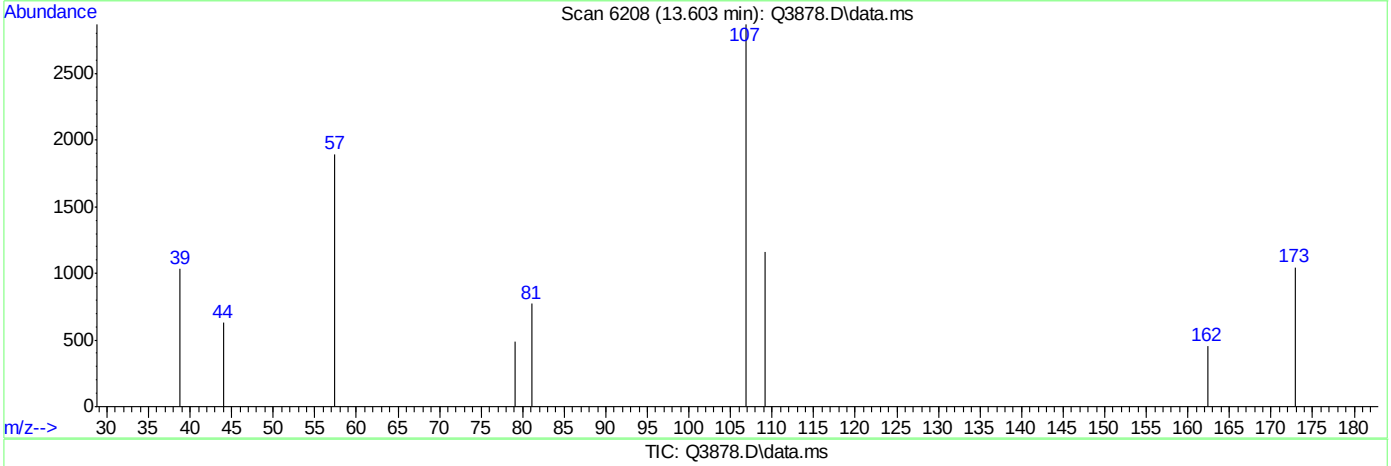
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(53) 1,2-DIBROMOETHANE (m)

13.603min (-0.005) 0.13PPBV m

response 3097

Ion	Exp%	Act%
107.00	100	100
109.00	93.40	27.38#
188.00	1.90	0.00
0.00	0.00	0.00

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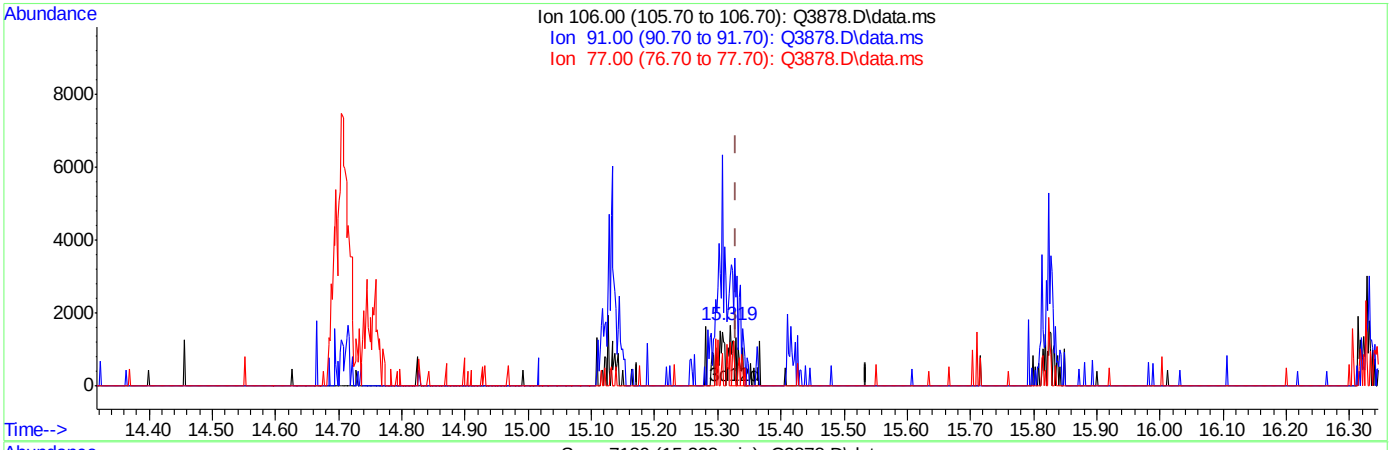
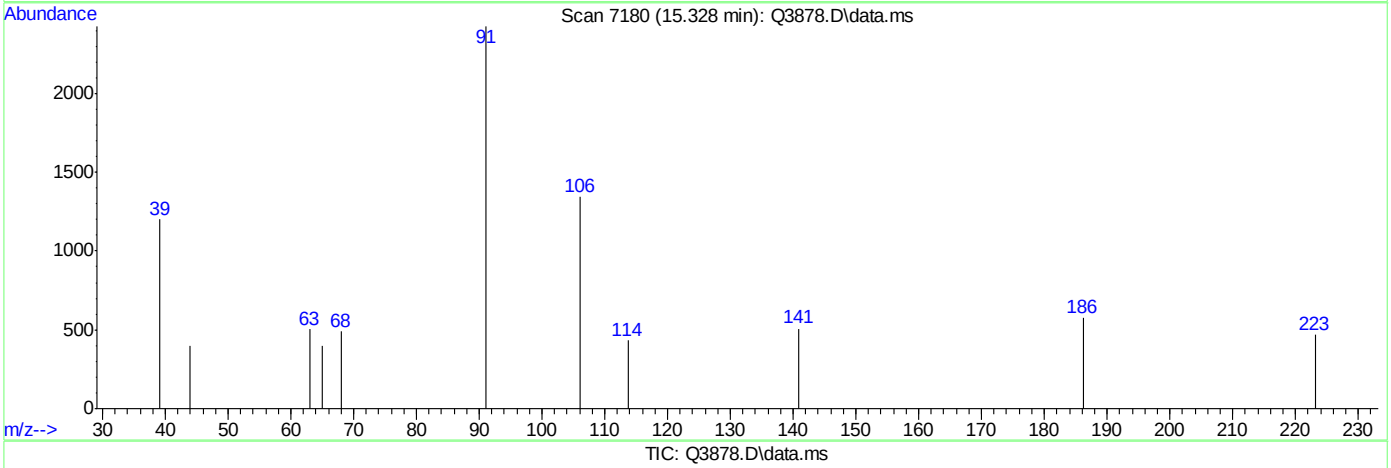
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(56) m,p-XYLENE (m)

15.328min (-0.001) 0.06PPBV

response 1120

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	180.84
77.00	27.30	0.00#
0.00	0.00	0.00

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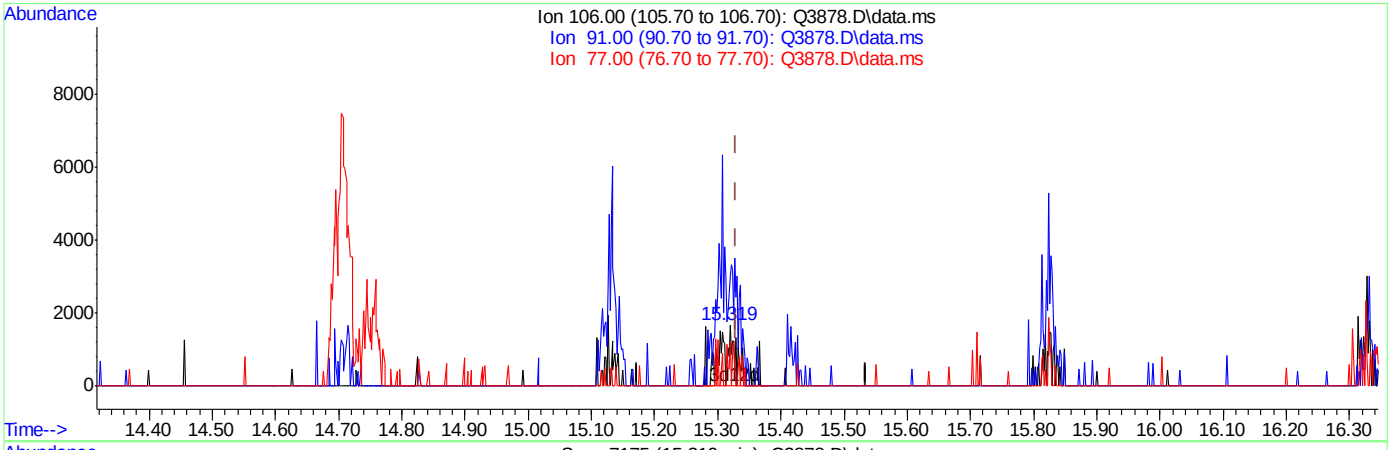
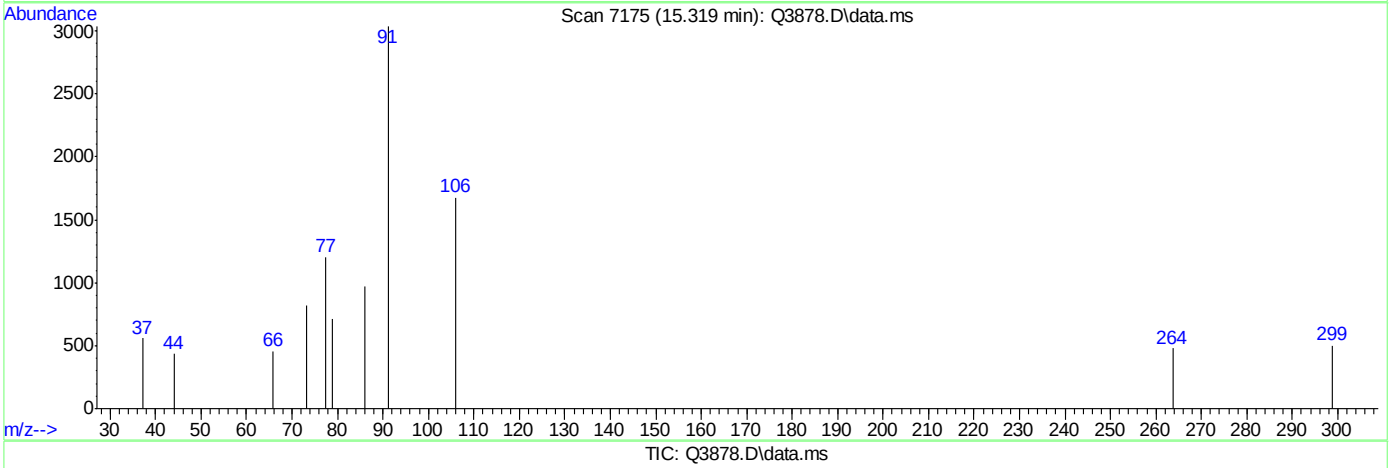
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(56) m,p-XYLENE (m)

15.319min (-0.010) 0.17PPBV m

response 3049

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	181.31
77.00	27.30	72.00#
0.00	0.00	0.00

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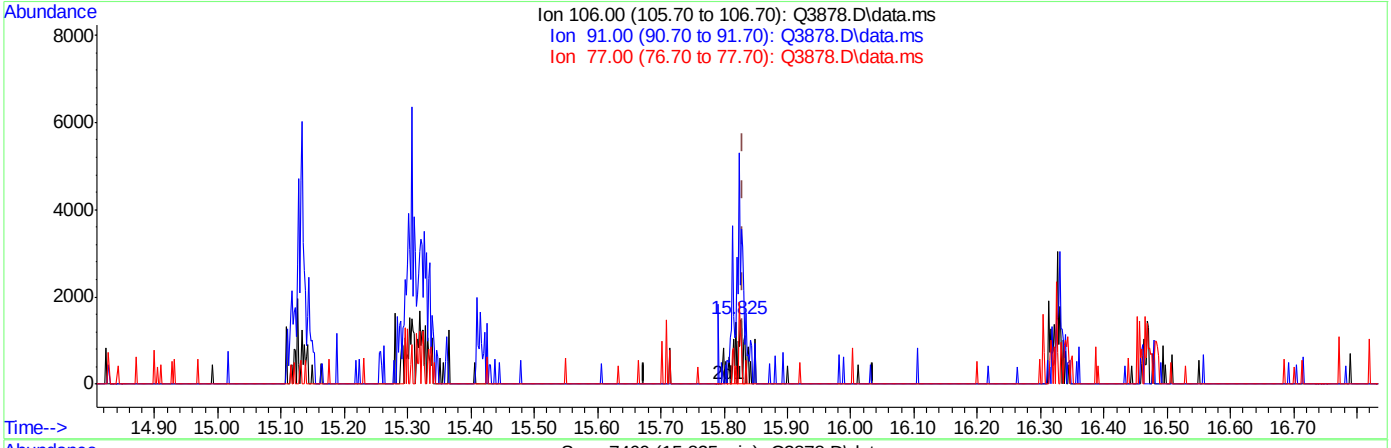
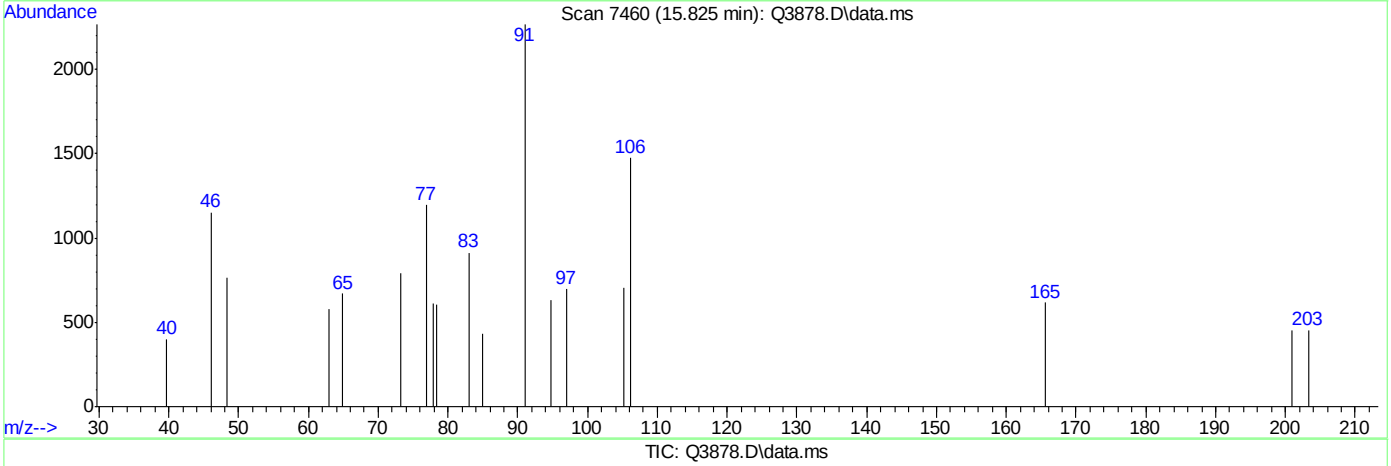
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(57) o-XYLENE (m)

15.825min (-0.005) 0.06PPBV

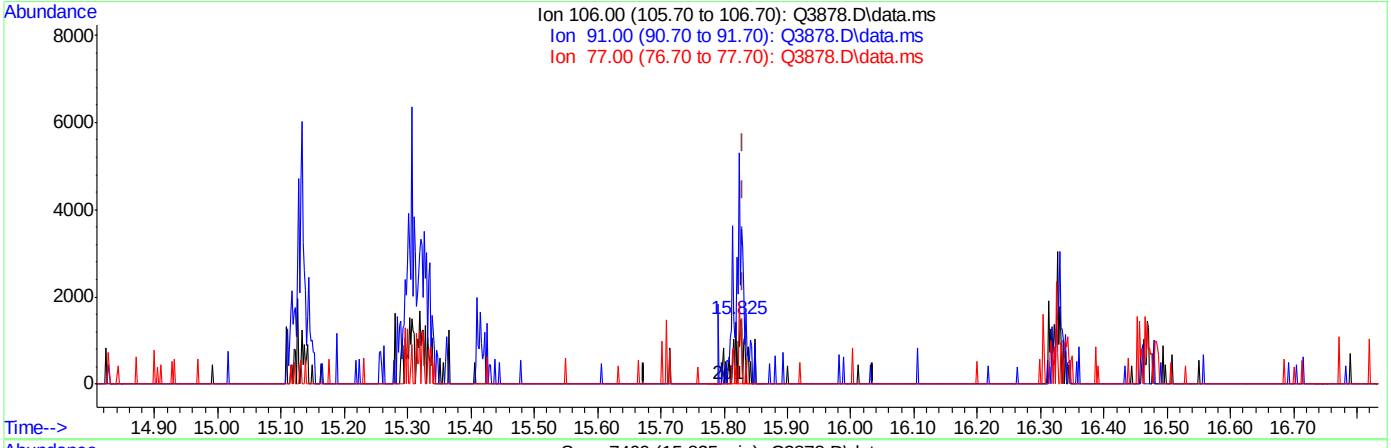
response 1083

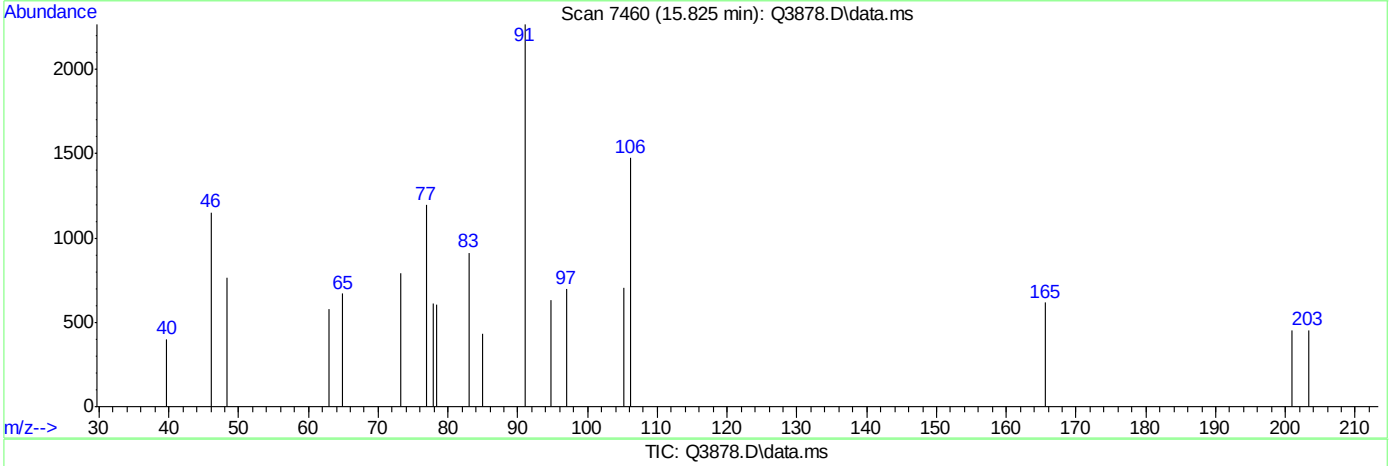
Ion	Exp%	Act%
106.00	100	100
91.00	216.20	390.86#
77.00	27.80	44.41
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(57) o-XYLENE (m)

15.825min (-0.005) 0.08PPBV m

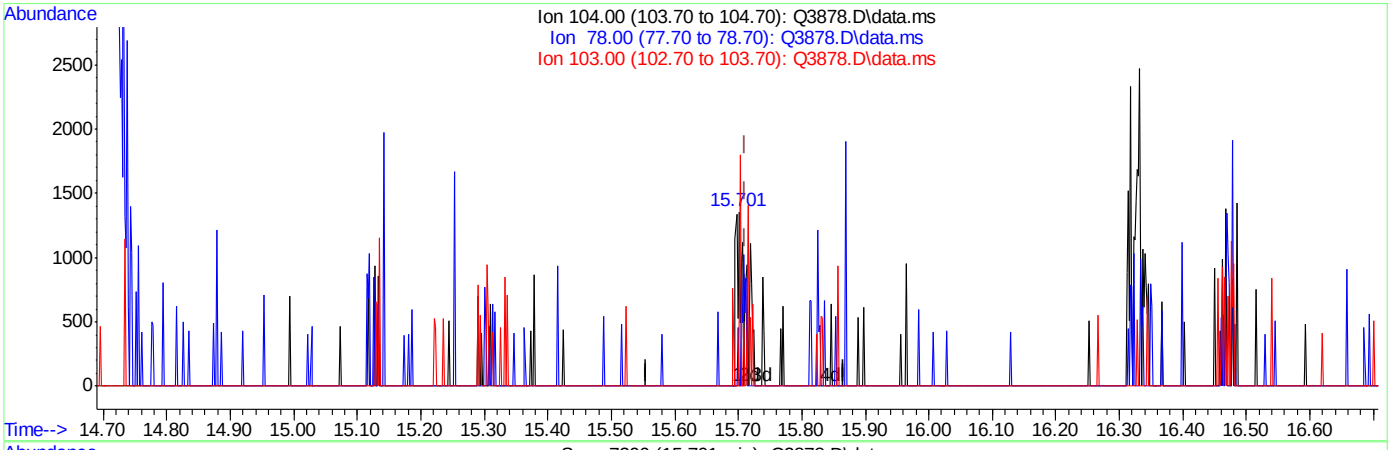
response 1624

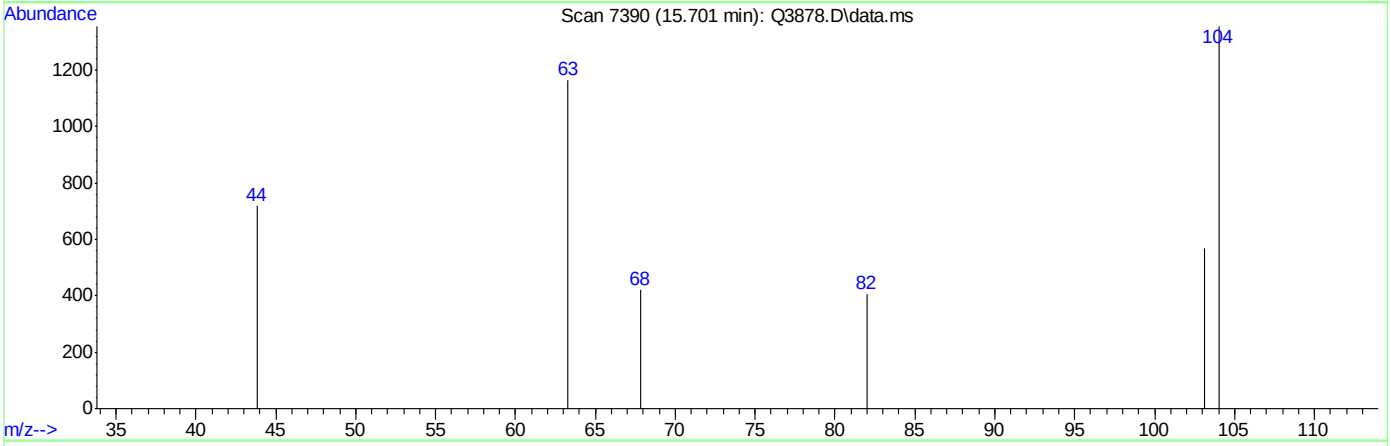
Ion	Exp%	Act%
106.00	100	100
91.00	216.20	260.65#
77.00	27.80	29.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(58) STYRENE (m)

15.701min (-0.010) 0.03PPBV

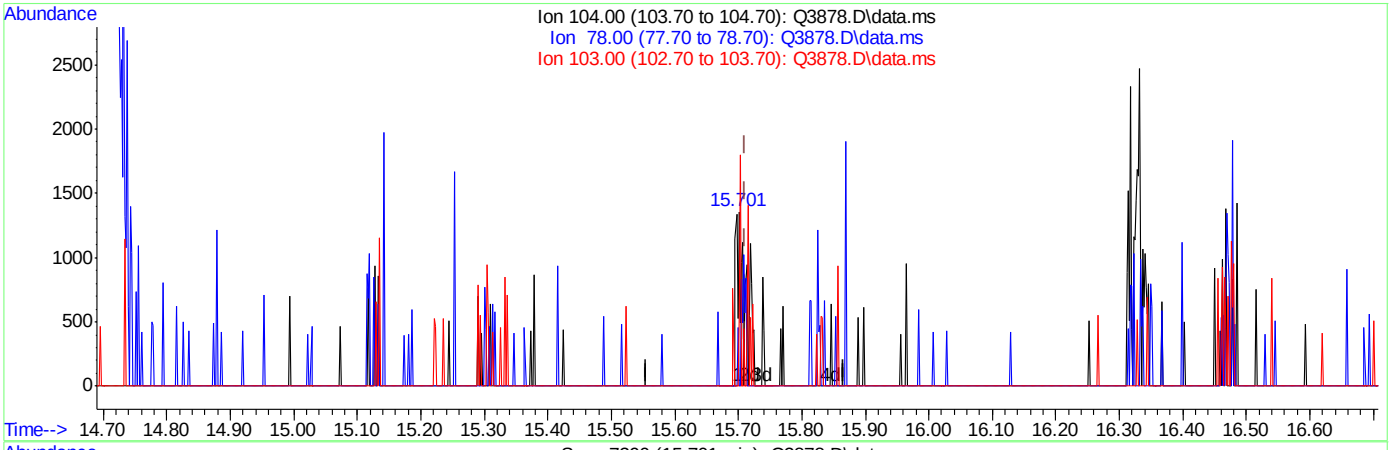
response 739

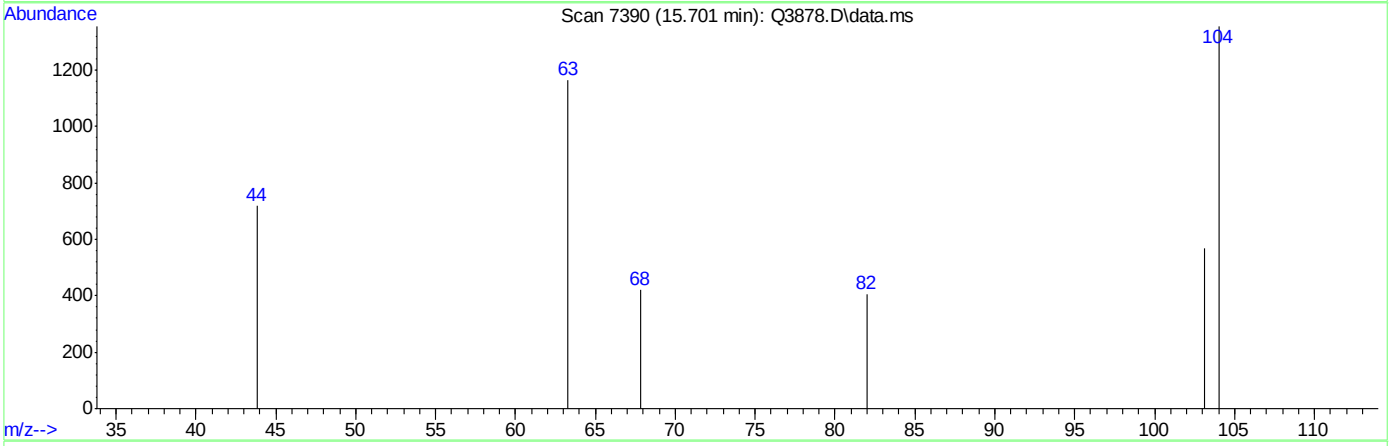
Ion	Exp%	Act%
104.00	100	100
78.00	48.20	60.62
103.00	45.90	34.10
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(58) STYRENE (m)

15.701min (-0.010) 0.06PPBV m

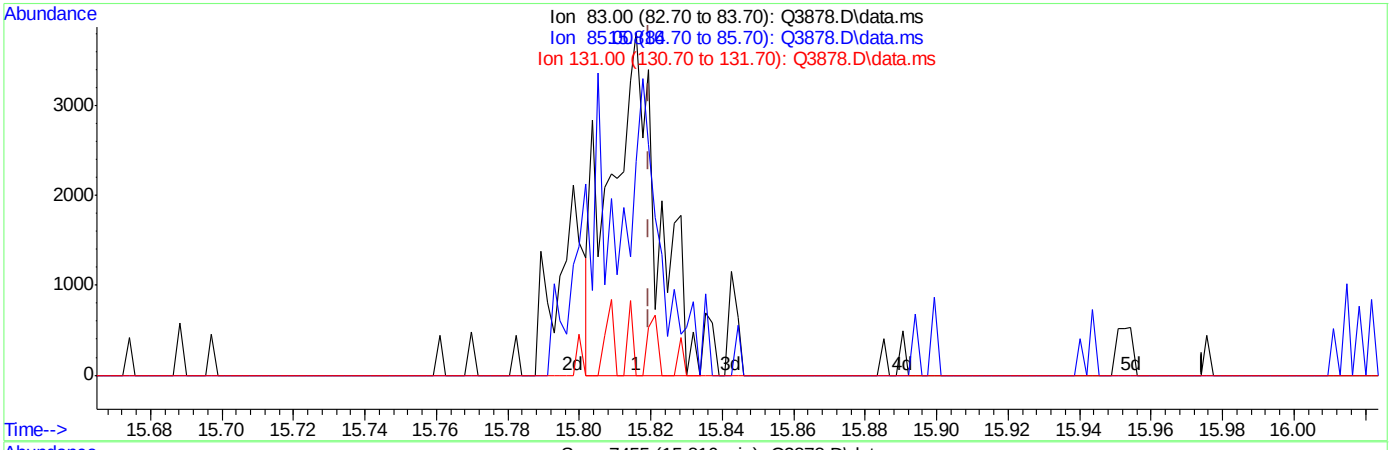
response 1501

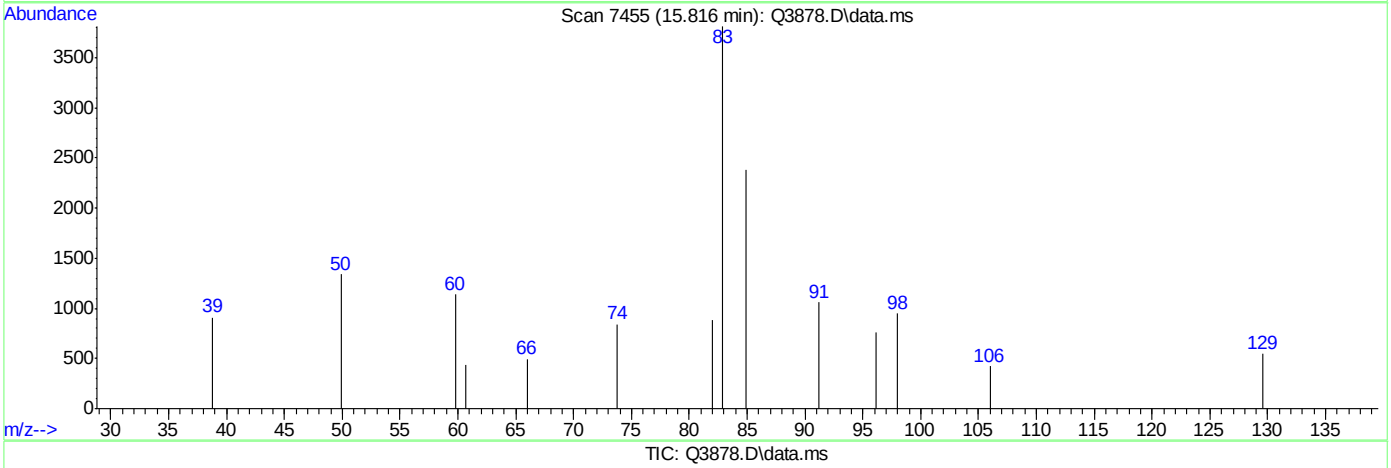
Ion	Exp%	Act%
104.00	100	100
78.00	48.20	29.85
103.00	45.90	16.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(62) 1,1,2,2-TETRACHLOROETHANE (m)

15.816min (-0.003) 0.09PPBV

response 3580

Ion	Exp%	Act%
83.00	100	100
85.00	63.90	0.00#
131.00	10.20	3.58
0.00	0.00	0.00

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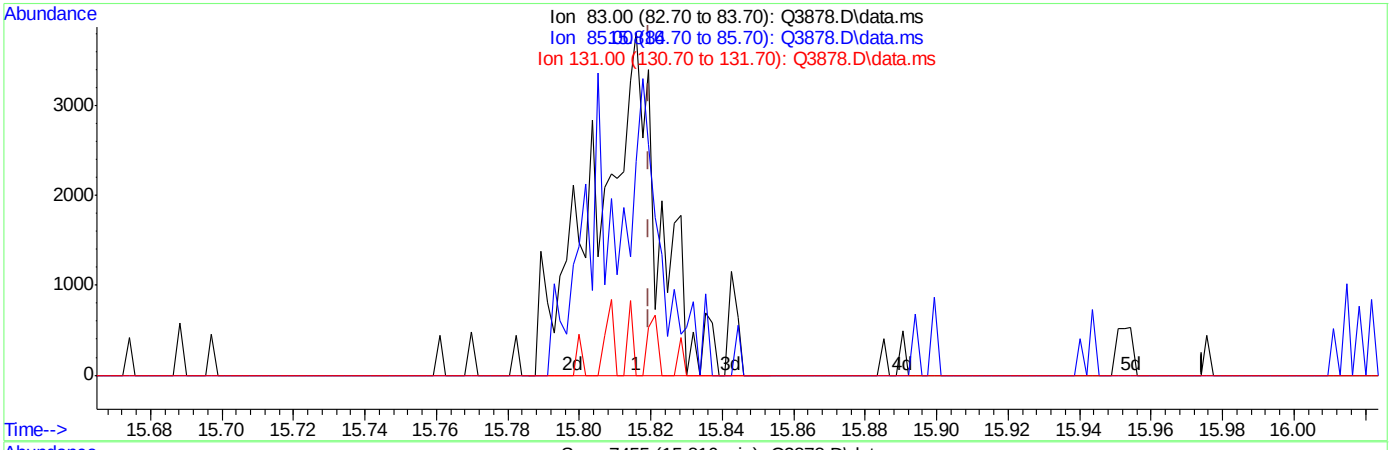
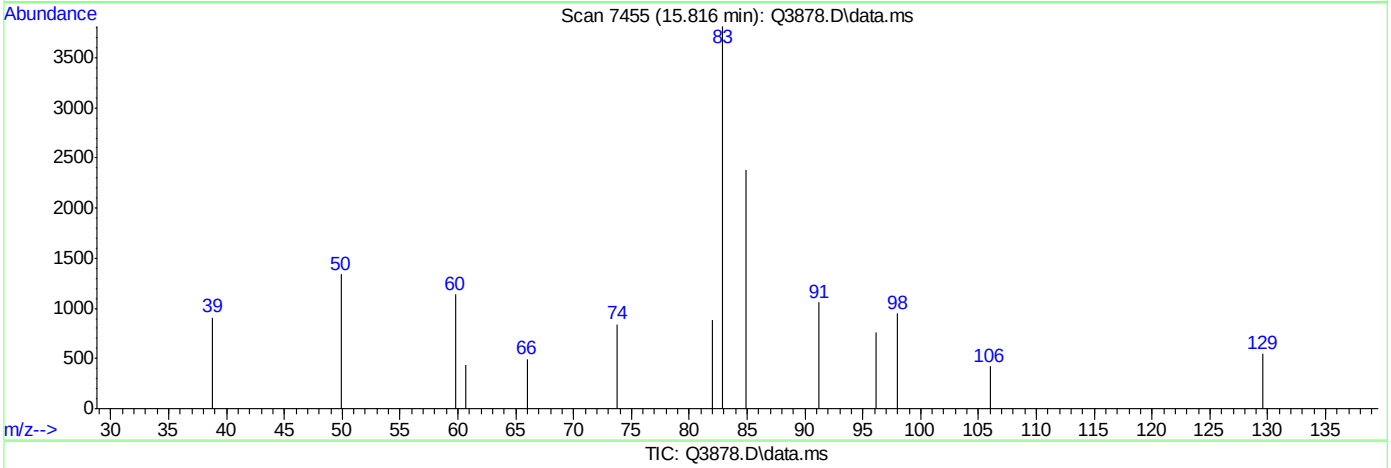
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(62) 1,1,2,2-TETRACHLOROETHANE (m)

15.816min (-0.003) 0.13PPBV m

response 4967

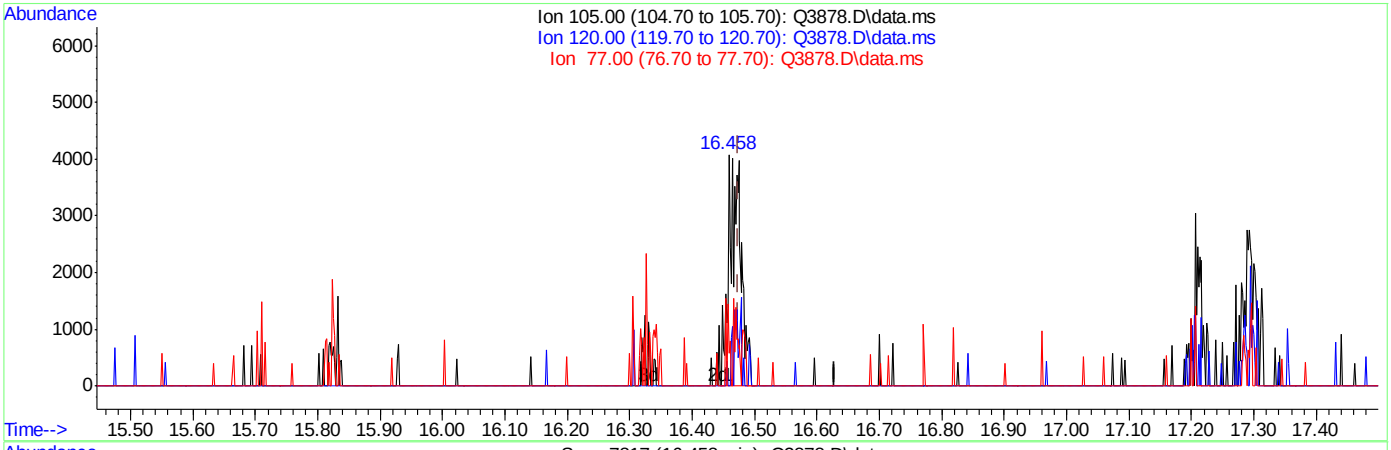
Ion	Exp%	Act%
83.00	100	100
85.00	63.90	0.00#
131.00	10.20	2.58
0.00	0.00	0.00

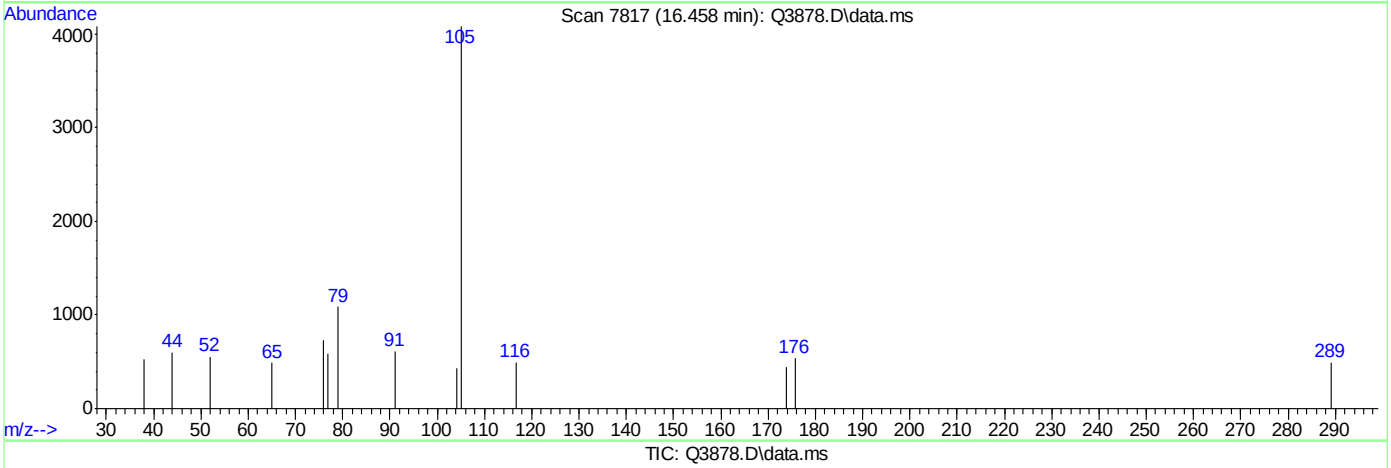
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(63) ISOPROPYLBENZENE (m)

16.458min (-0.016) 0.09PPBV

response 5641

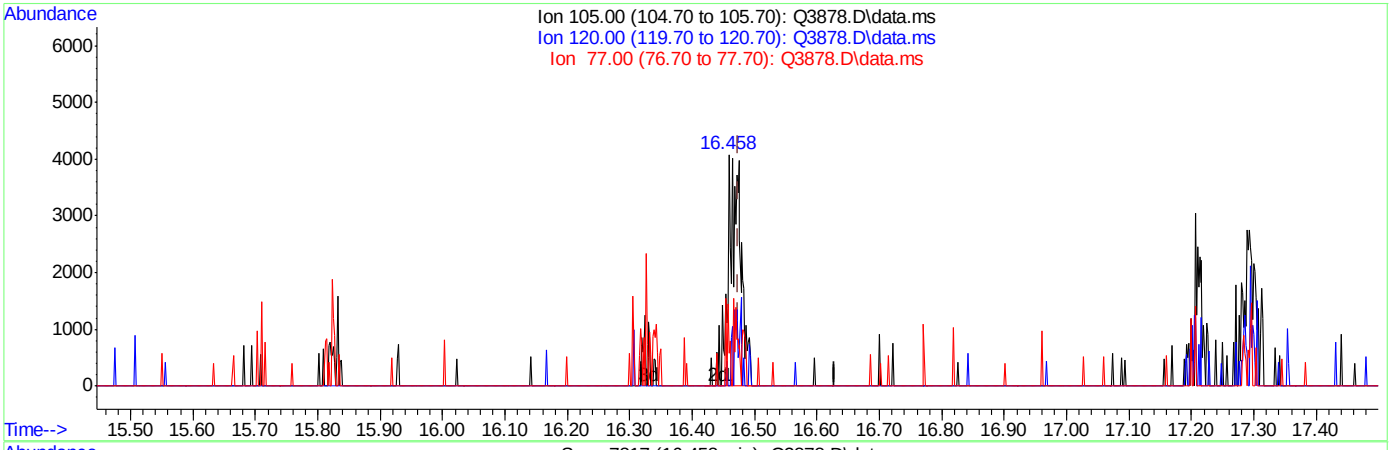
Ion	Exp%	Act%
105.00	100	100
120.00	0.00	0.00
77.00	0.00	8.26
0.00	0.00	0.00

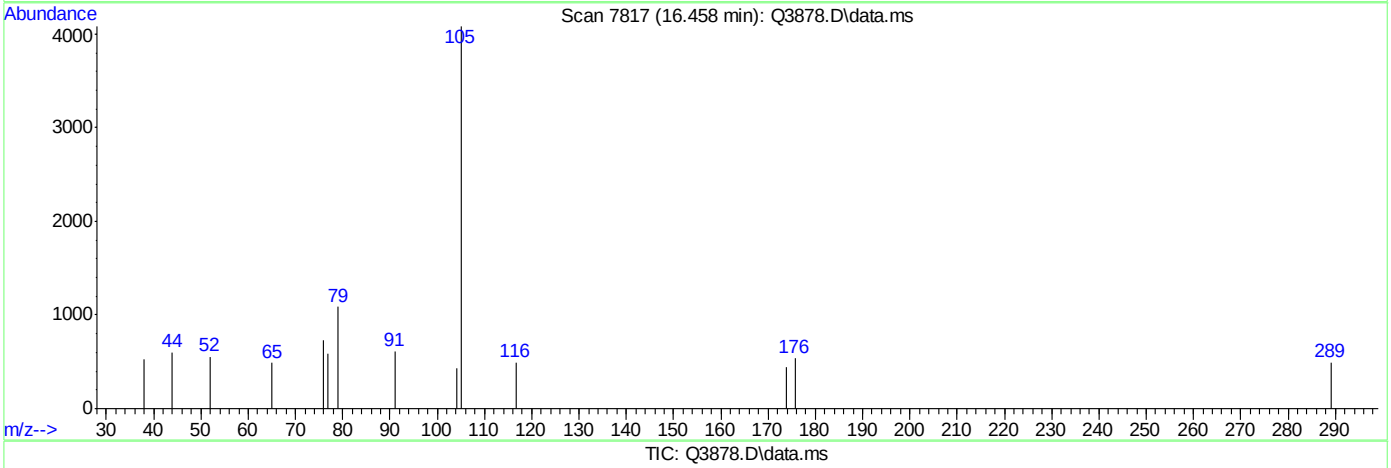
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(63) ISOPROPYLBENZENE (m)

16.458min (-0.016) 0.10PPBV m

response 5873

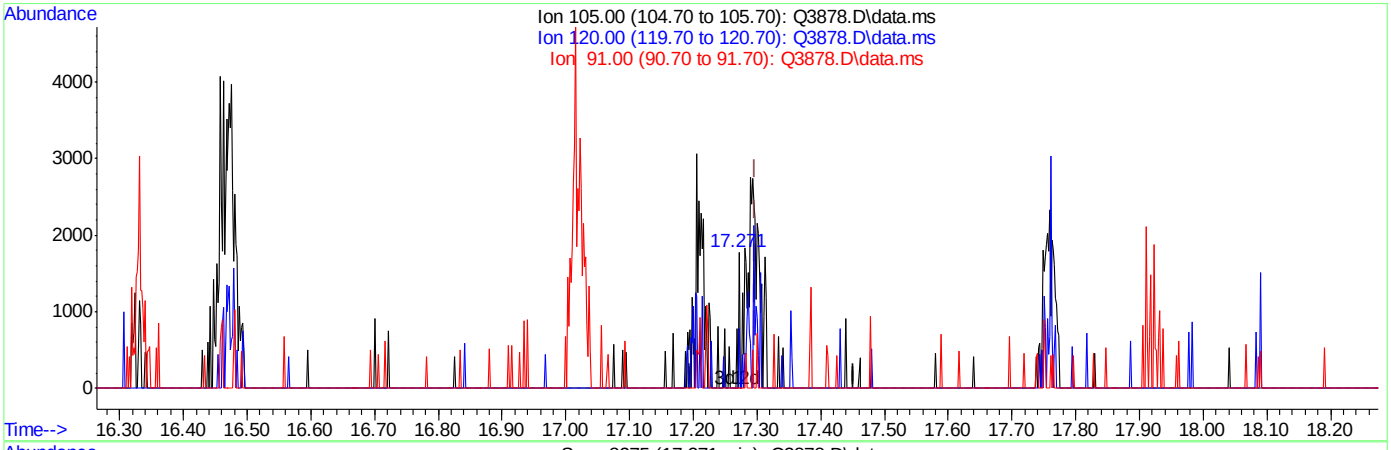
Ion	Exp%	Act%
105.00	100	100
120.00	0.00	0.00
77.00	0.00	7.93
0.00	0.00	0.00

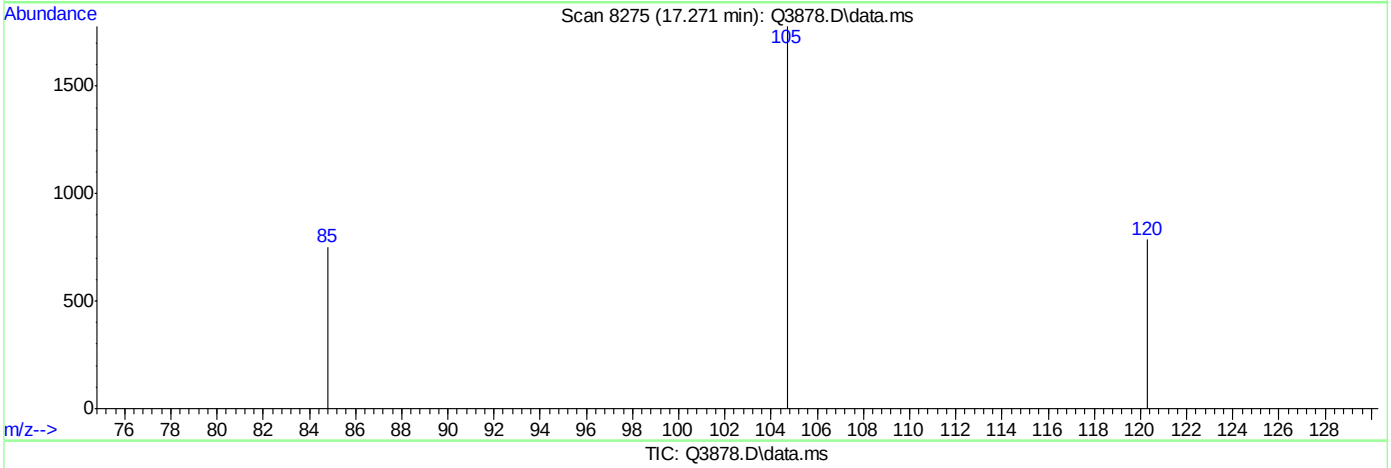
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(66) 1,3,5-TRIMETHYLBENZENE (m)

17.271min (-0.027) 0.01PPBV

response 273

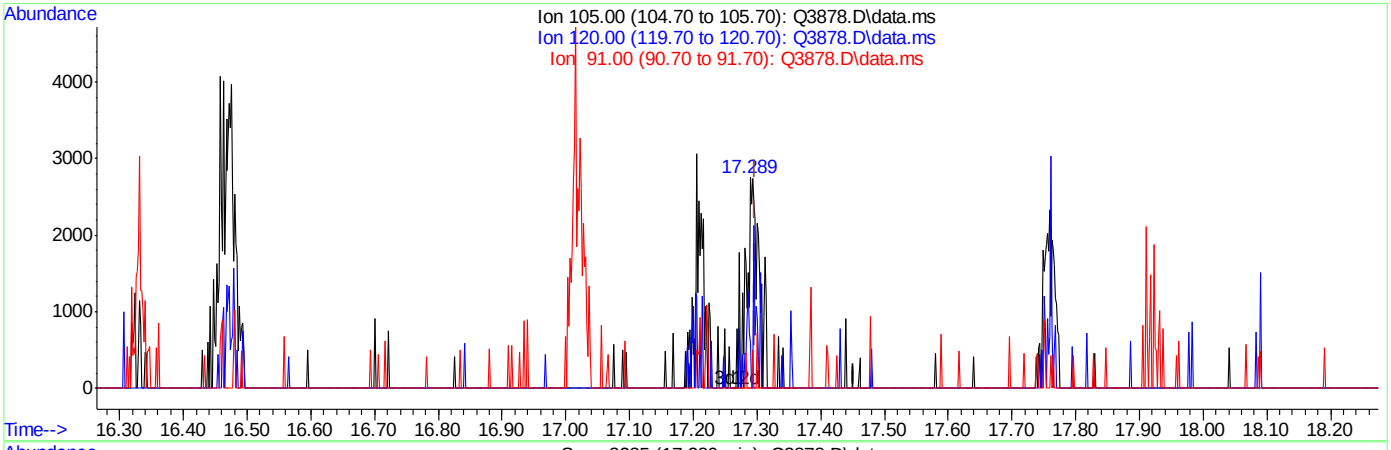
Ion	Exp%	Act%
105.00	100	100
120.00	48.50	30.77
91.00	11.20	17.95
0.00	0.00	0.00

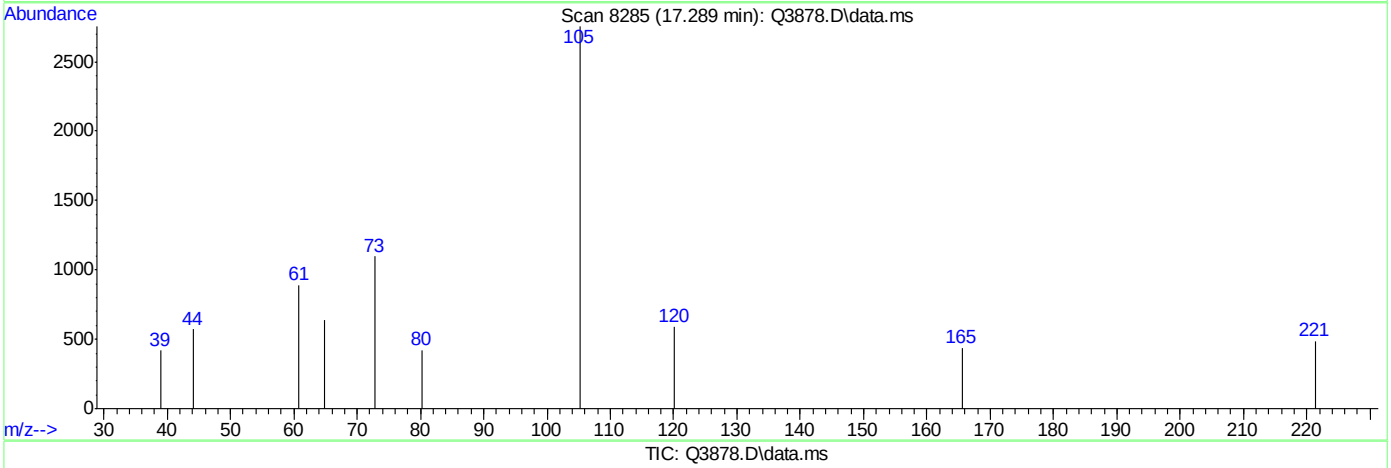
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(66) 1,3,5-TRIMETHYLBENZENE (m)

17.289min (-0.009) 0.08PPBV m

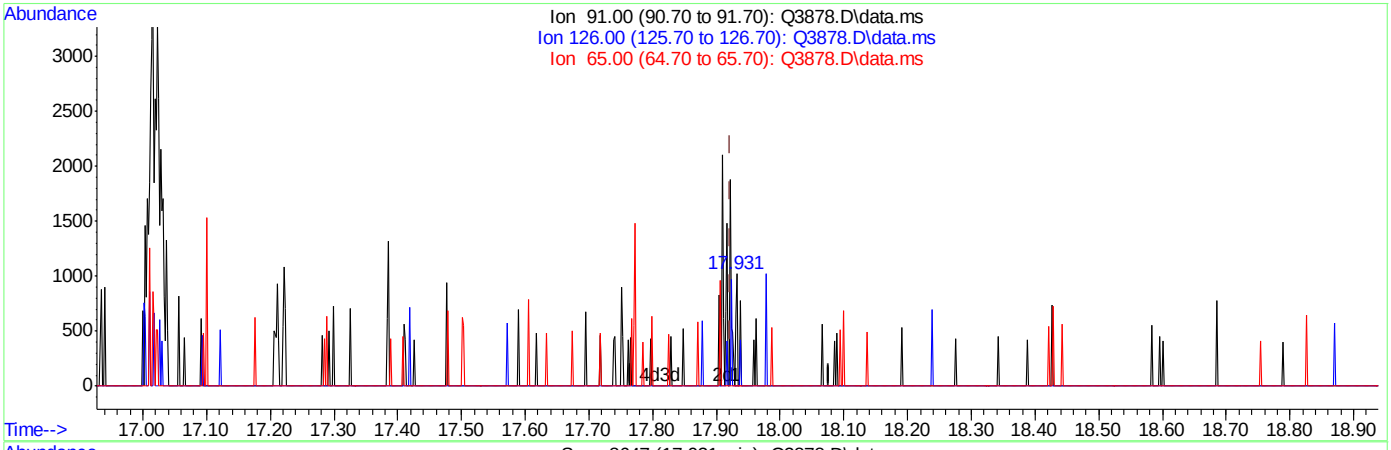
response 4068

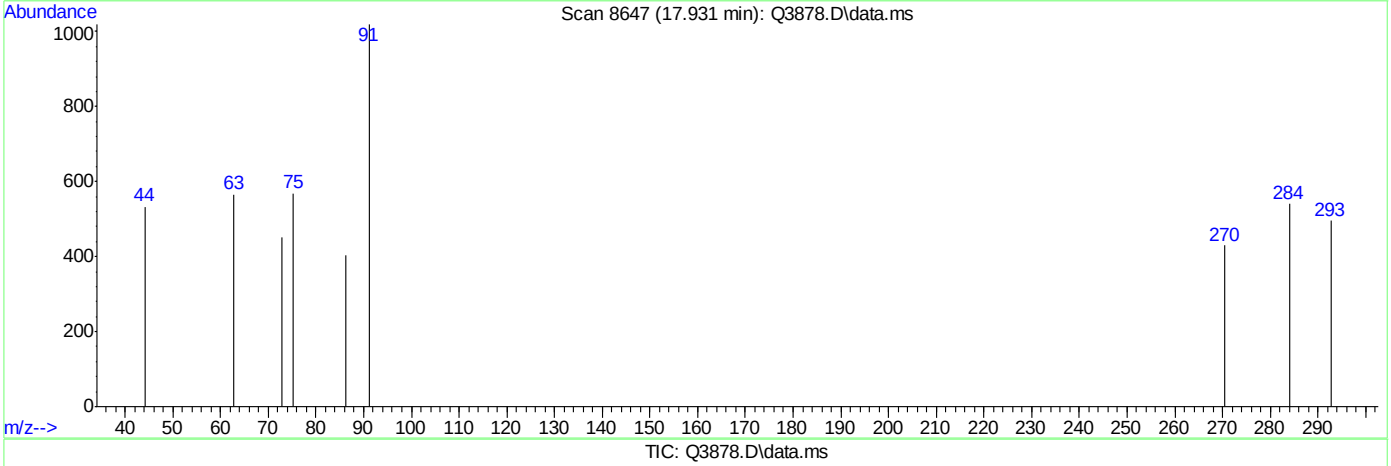
Ion	Exp%	Act%
105.00	100	100
120.00	48.50	2.06#
91.00	11.20	1.20
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(69) BENZYL CHLORIDE (m)

17.931min (+0.009) 0.01PPBV

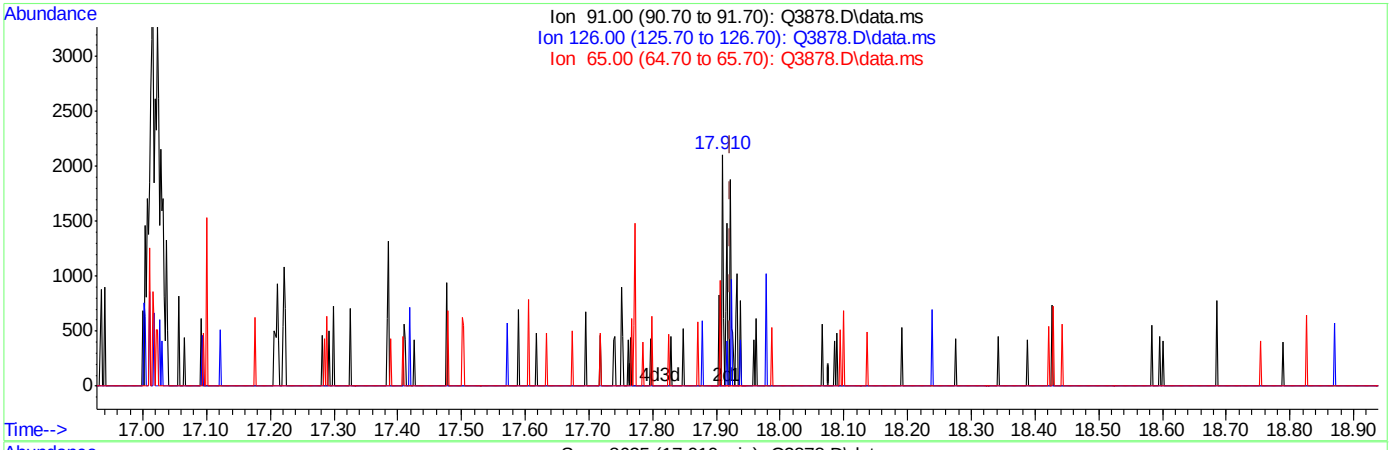
response 262

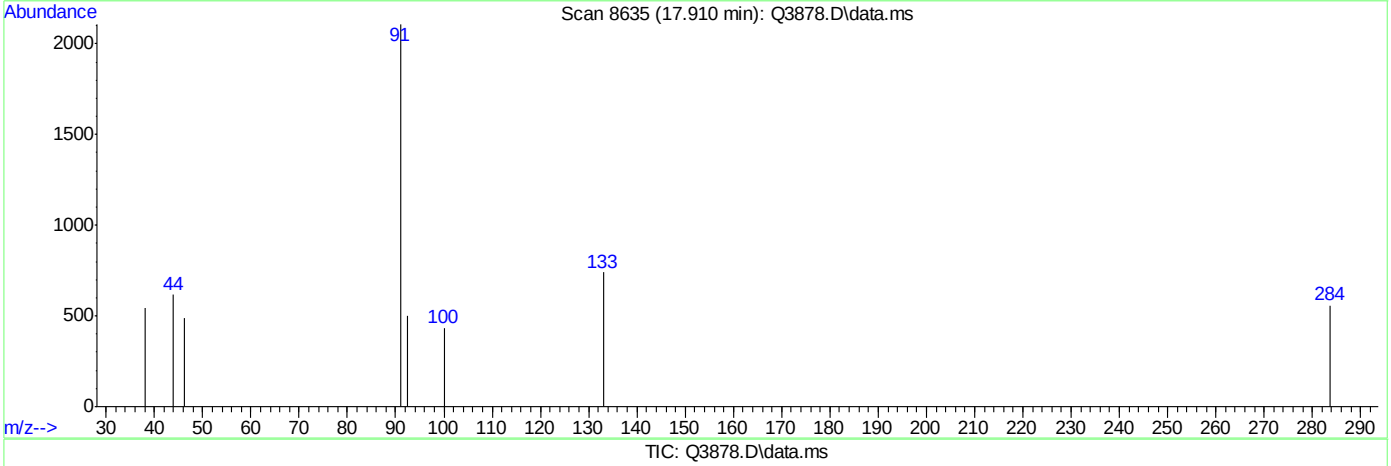
Ion	Exp%	Act%
91.00	100	100
126.00	19.00	56.11#
65.00	13.90	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(69) BENZYL CHLORIDE (m)

17.910min (-0.012) 0.03PPBV m

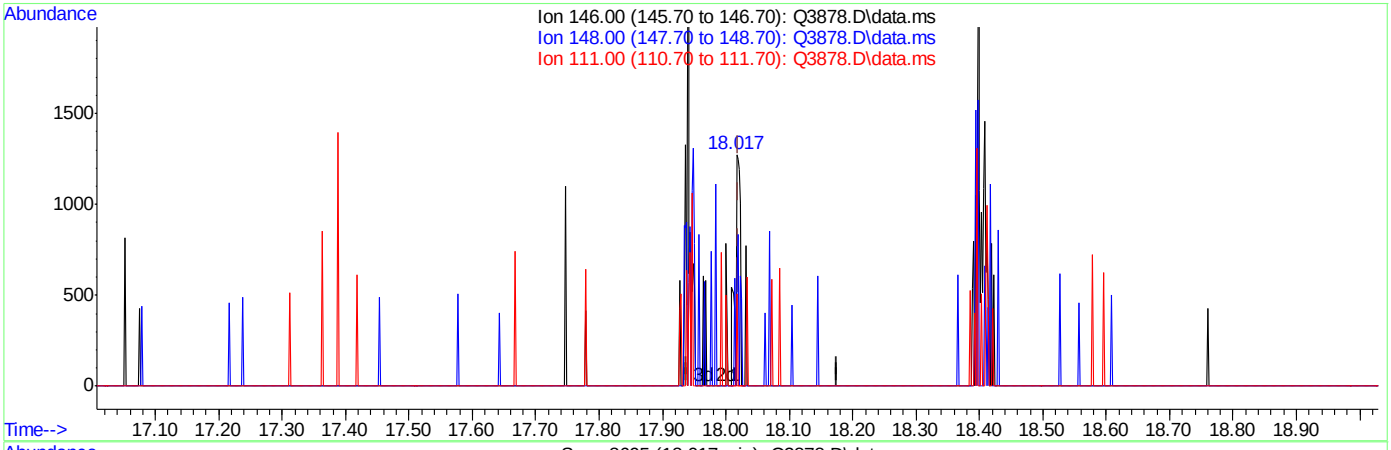
response 1179

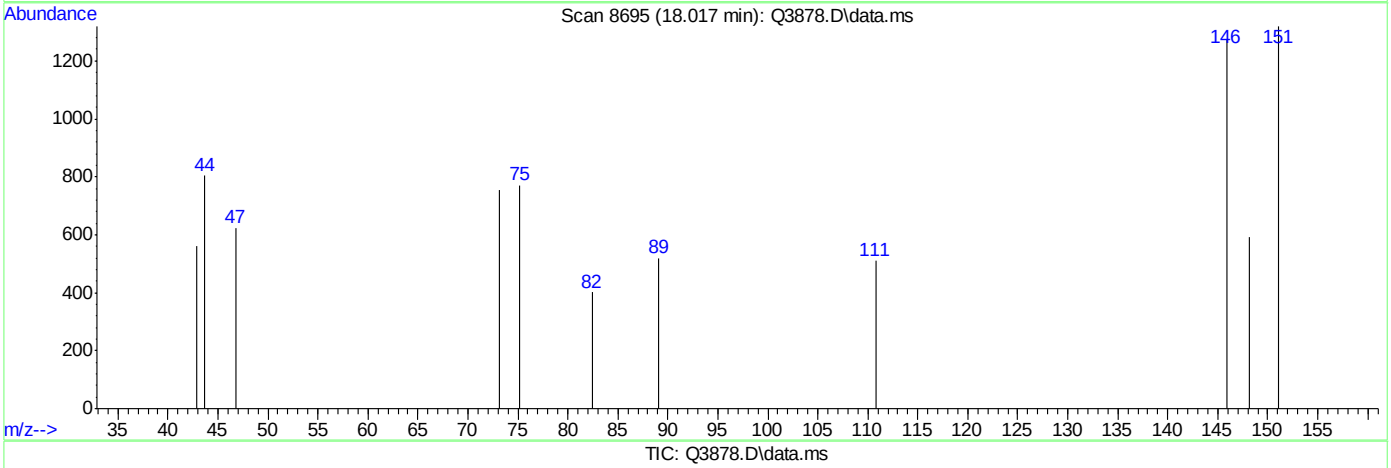
Ion	Exp%	Act%
91.00	100	100
126.00	19.00	12.47
65.00	13.90	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(70) p-DICHLOROBENZENE (m)

18.017min (-0.003) 0.02PPBV

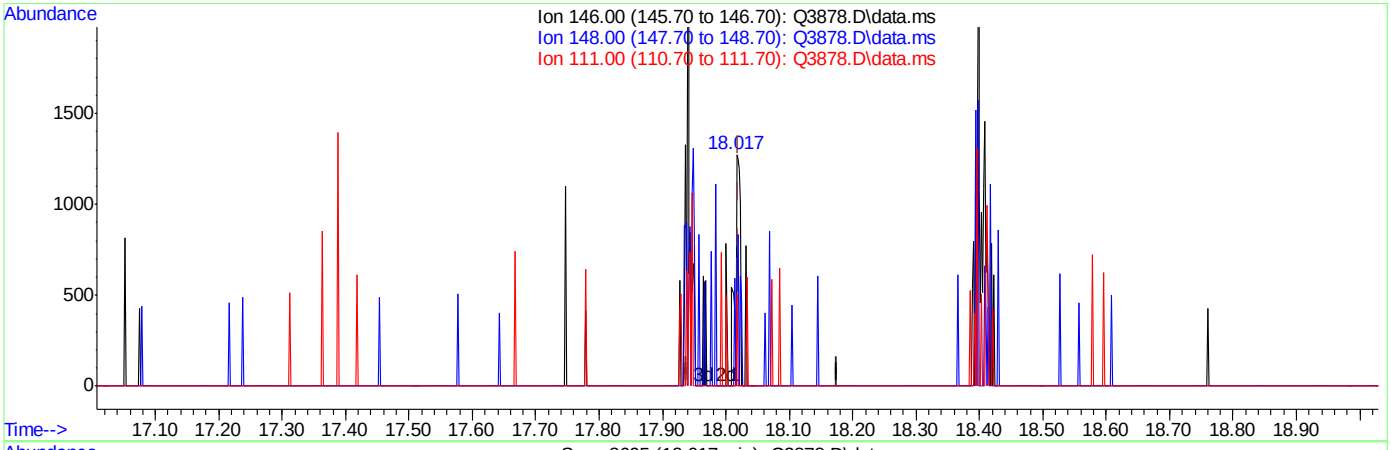
response 659

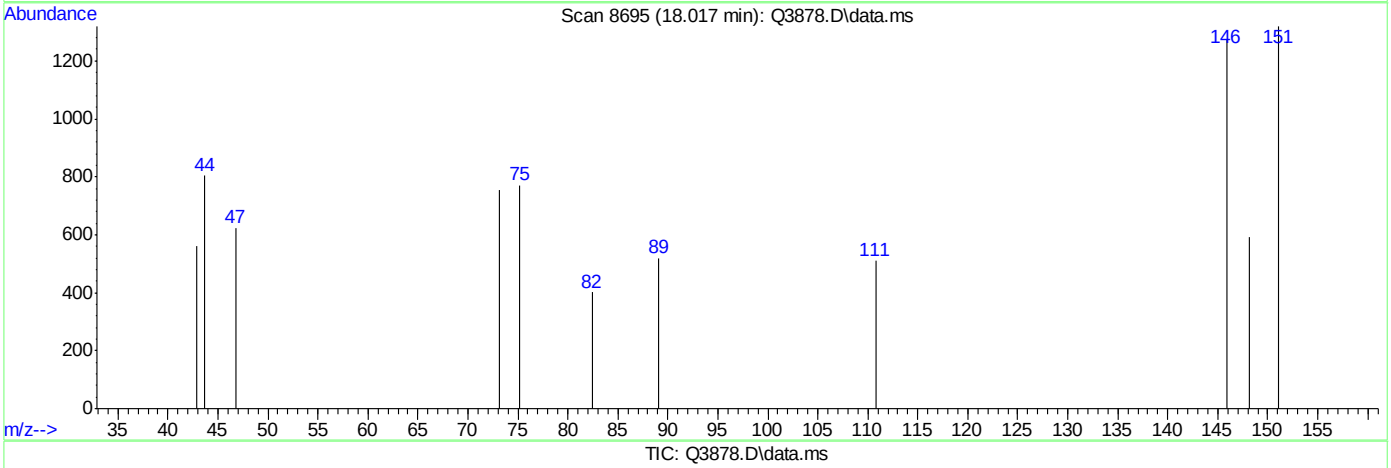
Ion	Exp%	Act%
146.00	100	100
148.00	63.40	50.23
111.00	41.10	9.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(70) p-DICHLOROBENZENE (m)

18.017min (-0.003) 0.03PPBV m

response 825

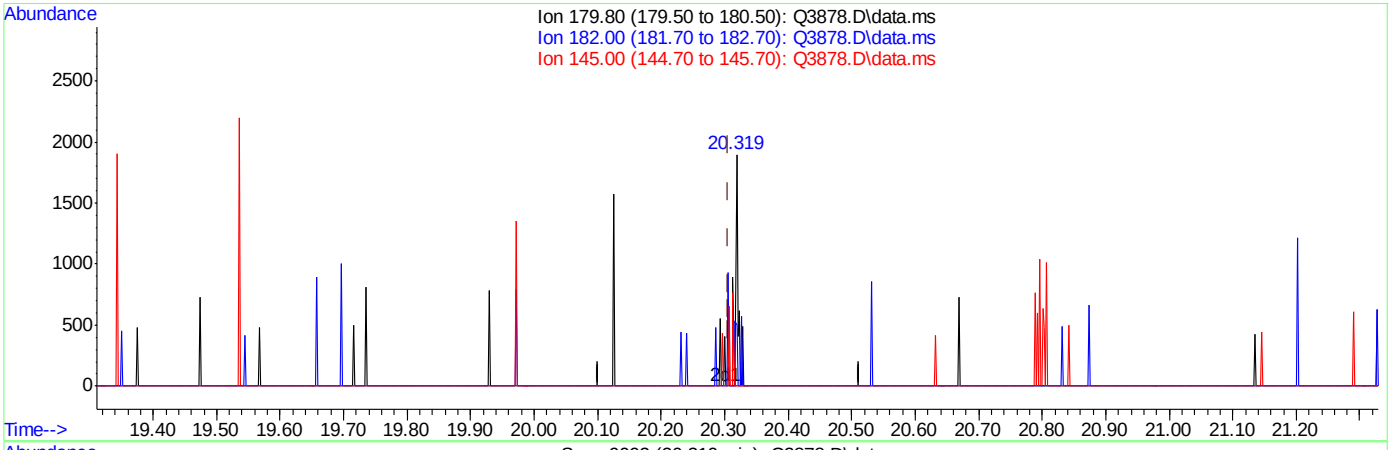
Ion	Exp%	Act%
146.00	100	100
148.00	63.40	40.12#
111.00	41.10	7.76#
0.00	0.00	0.00

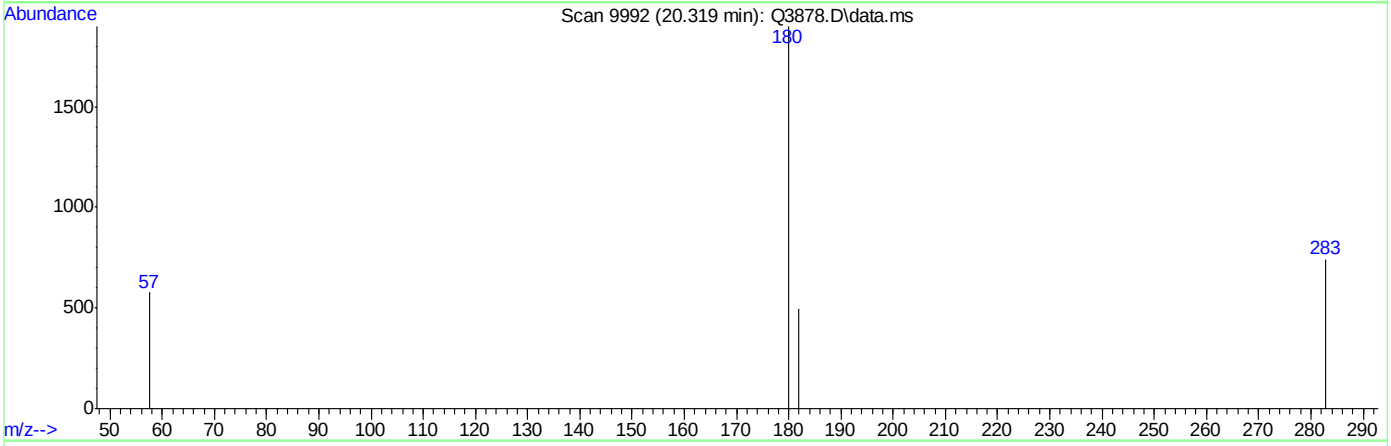
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(73) 1,2,4-TRICHLOROBENZENE (m)

20.319min (+0.012) 0.03PPBV

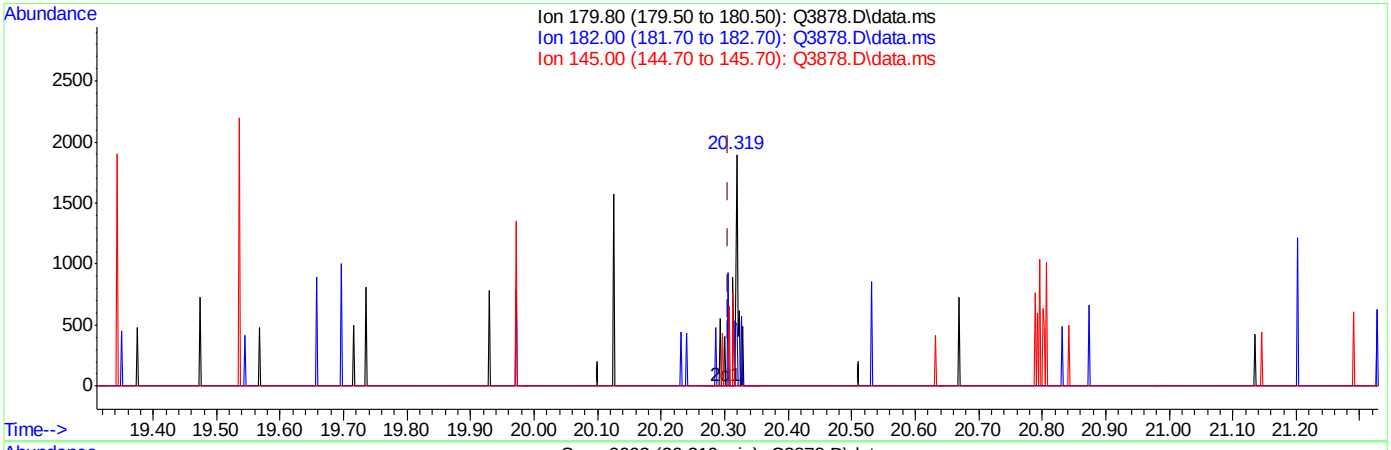
response 459

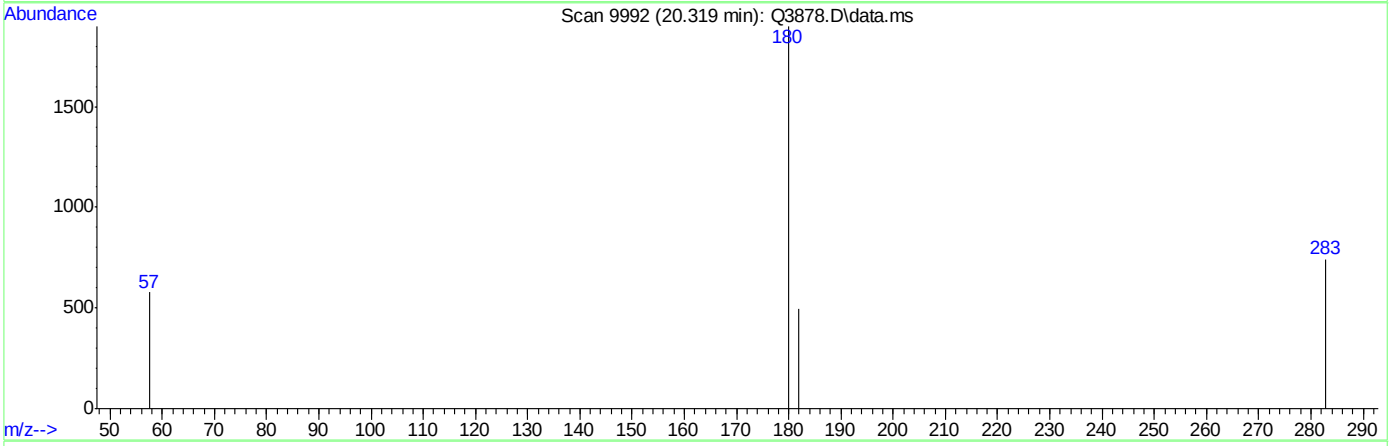
Ion	Exp%	Act%
179.80	100	100
182.00	95.40	23.97#
145.00	38.00	32.90
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3878.D
Acq On : 2 Jul 2007 4:48 pm
Operator : PhilipB
Sample : IC208-.2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:39:12 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 : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration





TIC: Q3878.D\data.ms

(73) 1,2,4-TRICHLOROBENZENE (m)

20.319min (+0.012) 0.04PPBV m

response 562

Ion	Exp%	Act%
179.80	100	100
182.00	95.40	19.57#
145.00	38.00	26.87
0.00	0.00	0.00

ACCUTEST Laboratories M65924

Q3880.D

Manual Integrations APPROVED (compounds with "m" flag)

Doug Yargeau 07/06/07 11:27

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3880.D
Acq On : 2 Jul 2007 6:13 pm
Operator : PhilipB
Sample : IC208-2 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:38:15 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 : Mon Jul 02 18:36:13 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	107263	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.461	114	517424	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.703	117	418445	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.327	95	195116	4.64	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 92.80%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.037	85	244288	2.86	PPBV	98
3) PROPYLENE	3.962	41	22225m	3.32	PPBV	
4) FREON 114	4.294	85	176059	2.69	PPBV	90
5) CHLOROMETHANE	4.204	50	31877m	3.10	PPBV	
6) VINYL CHLORIDE	4.420	62	41621	2.88	PPBV	97
7) 1,3-BUTADIENE	4.557	39	32091	2.40	PPBV #	60
8) BROMOMETHANE	4.848	94	48445m	2.62	PPBV	
9) CHLOROETHANE	4.999	64	14957m	2.17	PPBV	
10) TRICHLOROFLUOROMETHANE	5.785	101	261374	2.80	PPBV	99
11) ISOPROPYL ALCOHOL	5.831	45	83605	3.00	PPBV	79
12) ACETONE	5.606	43	79610	2.75	PPBV	70
13) PENTANE	6.143	42	55614	3.49	PPBV	91
14) 1,1-DICHLOROETHYLENE	6.422	96	59108	3.18	PPBV #	88
15) CARBON DISULFIDE	6.857	76	187153	3.41	PPBV	92
16) ETHANOL	5.107	45	10787m	2.79	PPBV	
17) BROMOETHENE	5.373	106	44966	2.46	PPBV #	93
18) METHYLENE CHLORIDE	6.537	84	109378	6.29	PPBV	81
19) 3-CHLOROPROPENE	6.658	39	54024	2.58	PPBV #	81
20) FREON 113	6.793	151	111305	2.67	PPBV	92
21) TRANS-1,2-DICHLOROETHY...	7.467	96	53687	3.26	PPBV #	86
22) TERTIARY BUTYL ALCOHOL	6.434	59	98241	2.56	PPBV	85
23) METHYL TERTIARY BUTYL ...	7.714	73	107051	2.73	PPBV	91
24) TETRAHYDROFURAN	9.157	42	21006	2.47	PPBV	75
25) HEXANE	8.665	57	37068	2.69	PPBV #	51
26) VINYL ACETATE	7.783	43	81374	2.87	PPBV	92
27) 1,1-DICHLOROETHANE	7.664	63	91442	3.00	PPBV	94
28) METHYL ETHYL KETONE	8.035	43	52625	2.56	PPBV	90
29) cis-1,2-DICHLOROETHYLENE	8.466	96	25786	2.43	PPBV #	81
30) ETHYL ACETATE	8.665	43	87546	2.64	PPBV	100
31) CHLOROFORM	8.754	83	101903	2.69	PPBV	97
32) 1,1,1-TRICHLOROETHANE	9.705	97	110135	2.59	PPBV	97
33) CARBON TETRACHLORIDE	10.289	117	131196	2.49	PPBV	95
34) 1,2-DICHLOROETHANE	9.462	62	68923	2.70	PPBV	98
36) BENZENE	10.149	78	74698	2.53	PPBV	88
37) CYCLOHEXANE	10.419	84	30693	2.44	PPBV #	27
38) TRICHLOROETHYLENE	11.150	95	47252	2.31	PPBV	87
39) 1,2-DICHLOROPROPANE	10.919	63	28104m	2.64	PPBV	
40) BROMODICHLOROMETHANE	11.107	83	87580	2.30	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.162	57	115522	2.38	PPBV	97
42) 1,4-DIOXANE	11.148	88	16560	2.57	PPBV #	10
43) HEPTANE	11.409	43	36742	2.26	PPBV	85

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3880.D
Acq On : 2 Jul 2007 6:13 pm
Operator : PhilipB
Sample : IC208-2 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:38:15 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 : Mon Jul 02 18:36:13 2007
Response via : Initial Calibration

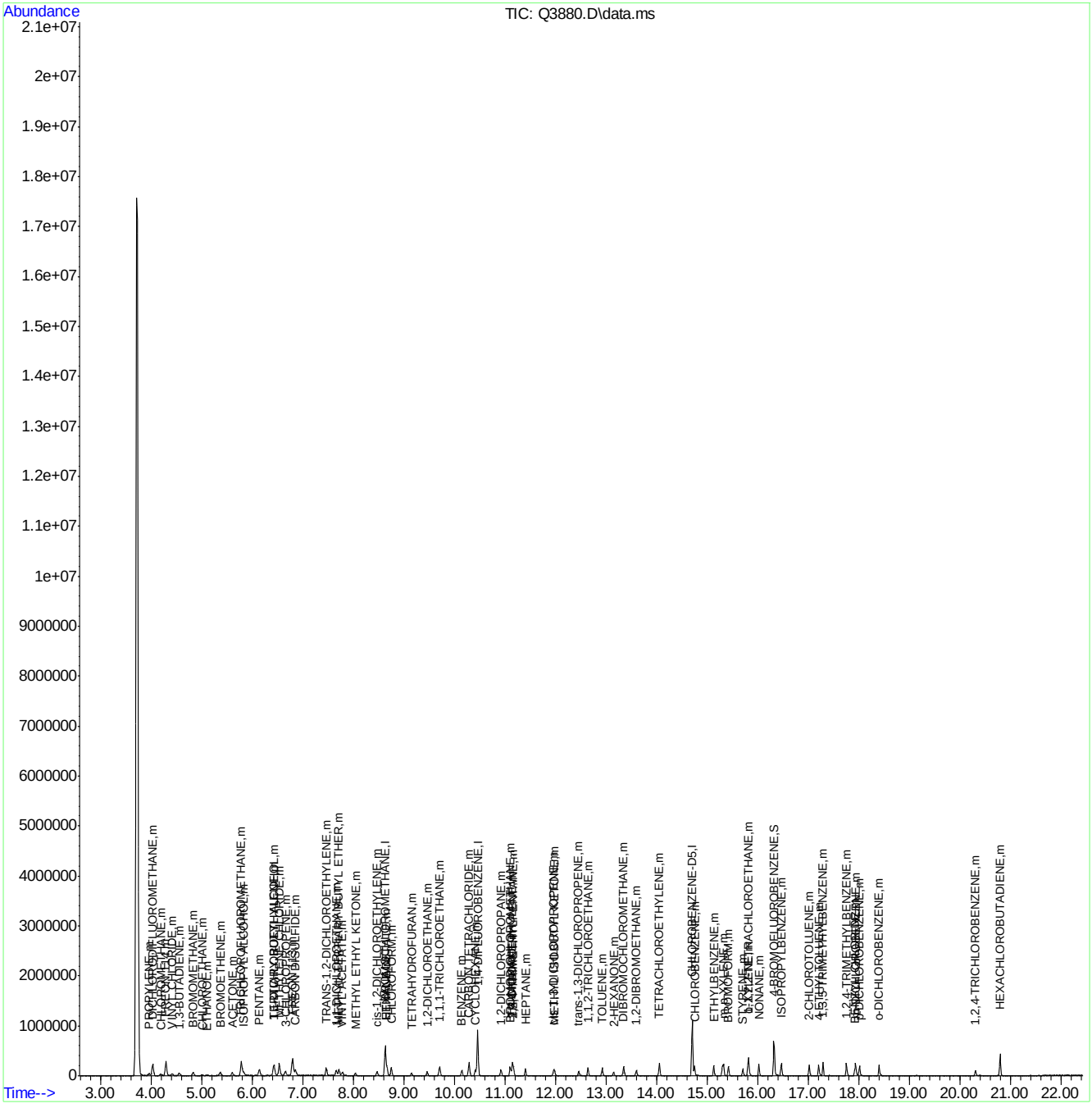
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.981	43	53774	2.13	PPBV	91
45) cis-1,3-DICHLOROPROPENE	11.959	75	44253	2.11	PPBV #	82
46) TOLUENE	12.925	92	45377	2.11	PPBV	90
47) trans-1,3-DICHLOROPROPENE	12.465	75	38830	2.06	PPBV	92
48) 1,1,2-TRICHLOROETHANE	12.643	83	34200	2.65	PPBV	97
50) 2-HEXANONE	13.152	43	45491	2.09	PPBV	83
51) TETRACHLOROETHYLENE	14.053	164	33105	1.97	PPBV	96
52) DIBROMOCHLOROMETHANE	13.349	129	76542	2.27	PPBV	99
53) 1,2-DIBROMOETHANE	13.601	107	55120	2.46	PPBV	100
54) CHLOROBENZENE	14.751	112	68048	2.52	PPBV	87
55) ETHYLBENZENE	15.134	91	112500	2.24	PPBV	92
56) m,p-XYLENE	15.319	106	78683m	4.40	PPBV	
57) o-XYLENE	15.821	106	40938	2.11	PPBV #	67
58) STYRENE	15.702	104	46880	1.79	PPBV	87
59) NONANE	16.025	43	61637	2.26	PPBV	92
60) BROMOFORM	15.425	173	63025	1.91	PPBV	96
62) 1,1,2,2-TETRACHLOROETHANE	15.814	83	87821	2.43	PPBV	90
63) ISOPROPYLBENZENE	16.471	105	132573	2.14	PPBV #	100
64) 2-CHLOROTOLUENE	17.023	91	96702	1.91	PPBV	89
65) 4-ETHYLTOLUENE	17.207	105	104242	1.93	PPBV	95
66) 1,3,5-TRIMETHYLBENZENE	17.289	105	112780	2.09	PPBV	89
67) 1,2,4-TRIMETHYLBENZENE	17.757	105	96193	1.67	PPBV	94
68) m-DICHLOROBENZENE	17.937	146	58926	1.72	PPBV	91
69) BENZYL CHLORIDE	17.919	91	62576	1.49	PPBV	93
70) p-DICHLOROBENZENE	18.013	146	55161	1.64	PPBV	93
71) o-DICHLOROBENZENE	18.403	146	51048	1.64	PPBV	93
72) HEXACHLOROBUTADIENE	20.799	225	39670	1.22	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.306	180	19967	1.22	PPBV	93

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3880.D
Acq On : 2 Jul 2007 6:13 pm
Operator : PhilipB
Sample : IC208-2 (M185)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

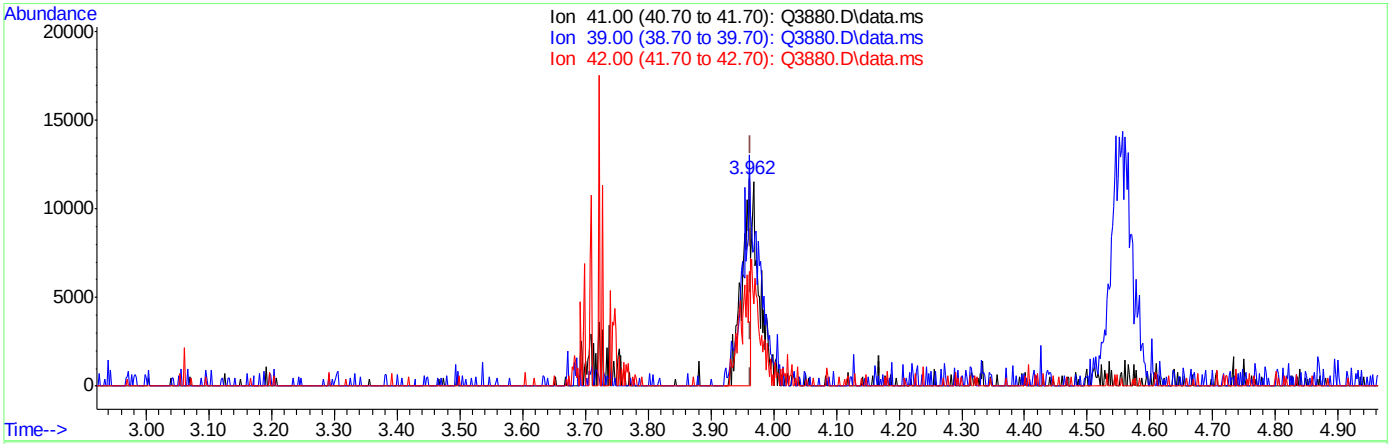
Quant Time: Jul 02 18:38:15 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jul 02 18:36:13 2007
Response via : Initial Calibration

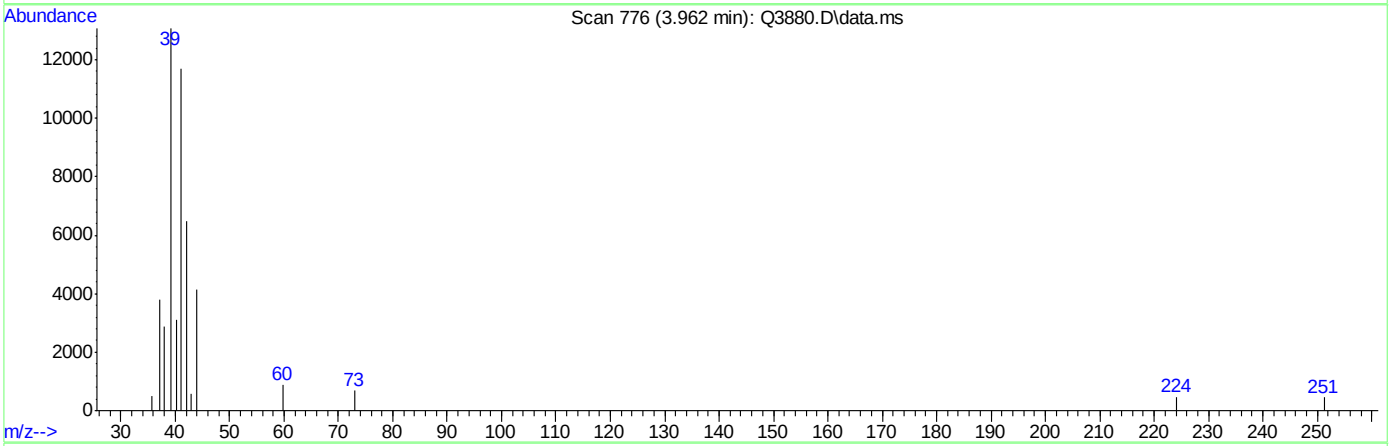


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3880.D
Acq On : 2 Jul 2007 6:13 pm
Operator : PhilipB
Sample : IC208-2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:36:41 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 : Mon Jul 02 18:36:13 2007
Response via : Initial Calibration





TIC: Q3880.D\data.ms

(3) PROPYLENE (m)

3.962min (-0.002) 1.73PPBV

response 11589

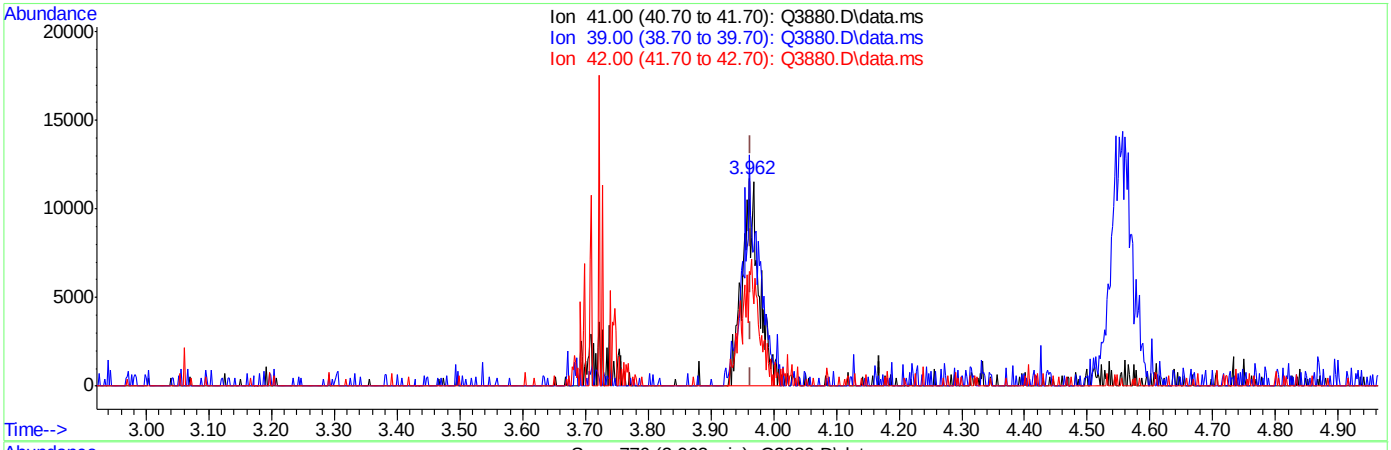
Ion	Exp%	Act%
41.00	100	100
39.00	72.50	111.63#
42.00	67.80	55.42
0.00	0.00	0.00

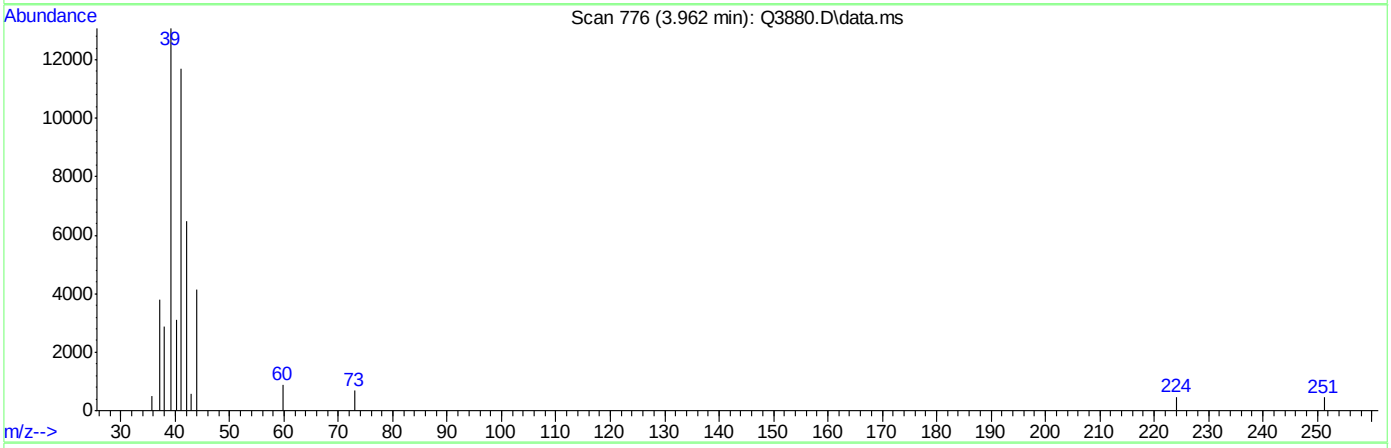
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3880.D
Acq On : 2 Jul 2007 6:13 pm
Operator : PhilipB
Sample : IC208-2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:36:41 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 : Mon Jul 02 18:36:13 2007
Response via : Initial Calibration





TIC: Q3880.D\data.ms

(3) PROPYLENE (m)

3.962min (-0.002) 3.32PPBV m

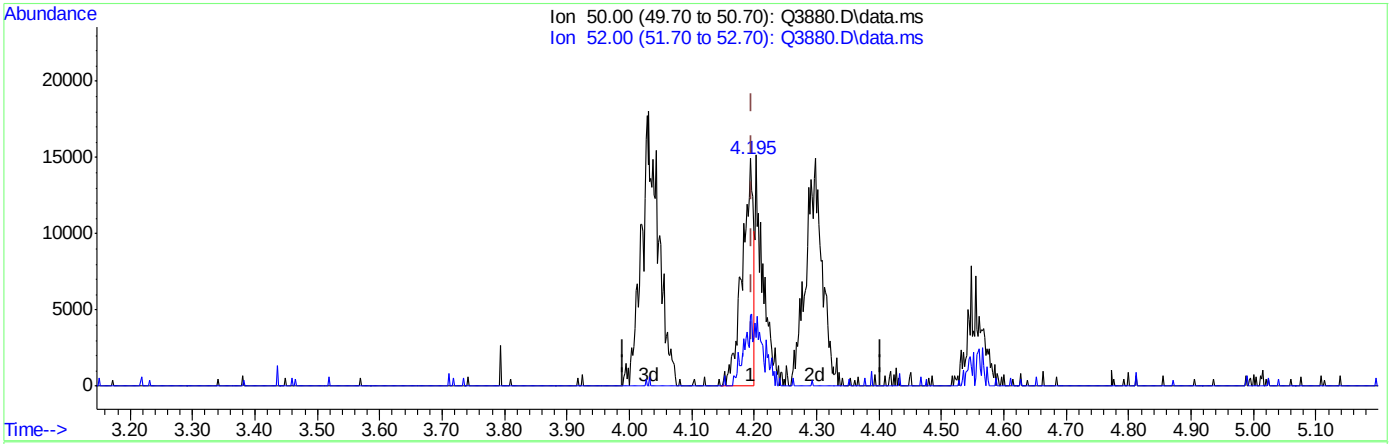
response 22225

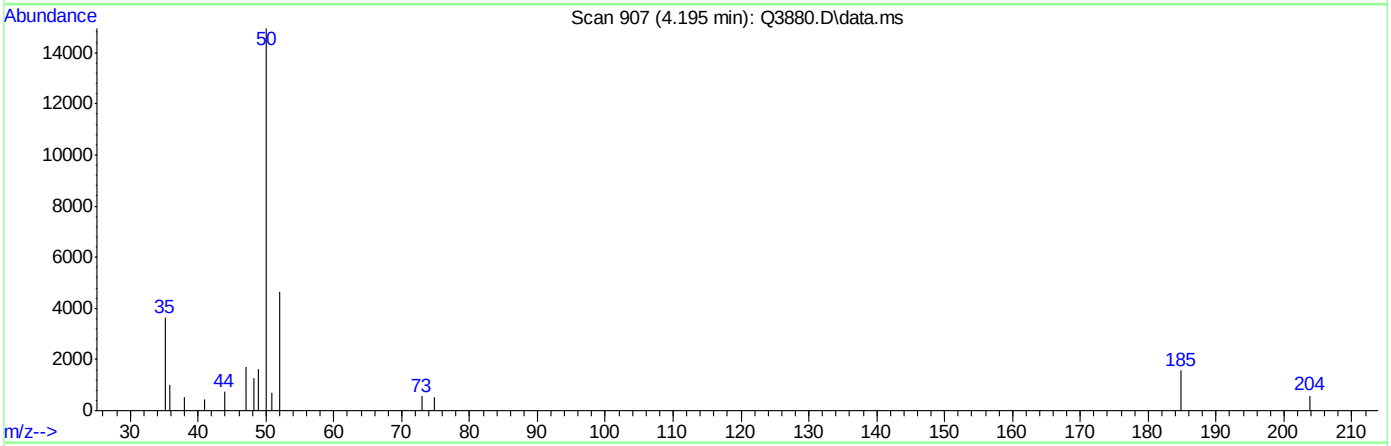
Ion	Exp%	Act%
41.00	100	100
39.00	72.50	111.63#
42.00	67.80	55.42
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3880.D
Acq On : 2 Jul 2007 6:13 pm
Operator : PhilipB
Sample : IC208-2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:36:41 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 : Mon Jul 02 18:36:13 2007
Response via : Initial Calibration





TIC: Q3880.D\data.ms

(5) CHLOROMETHANE (m)

4.195min (-0.002) 1.82PPBV

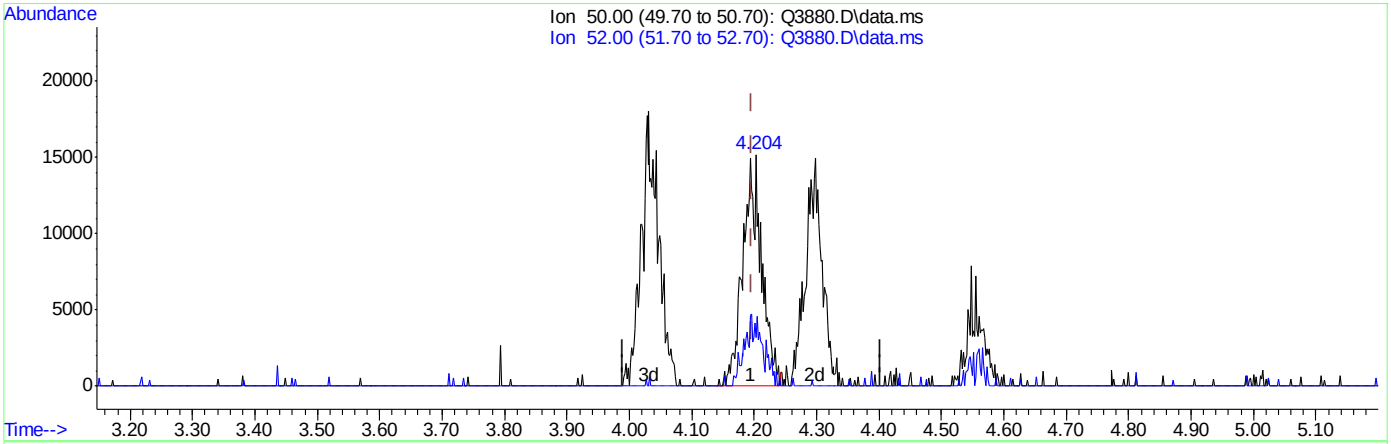
response 18667

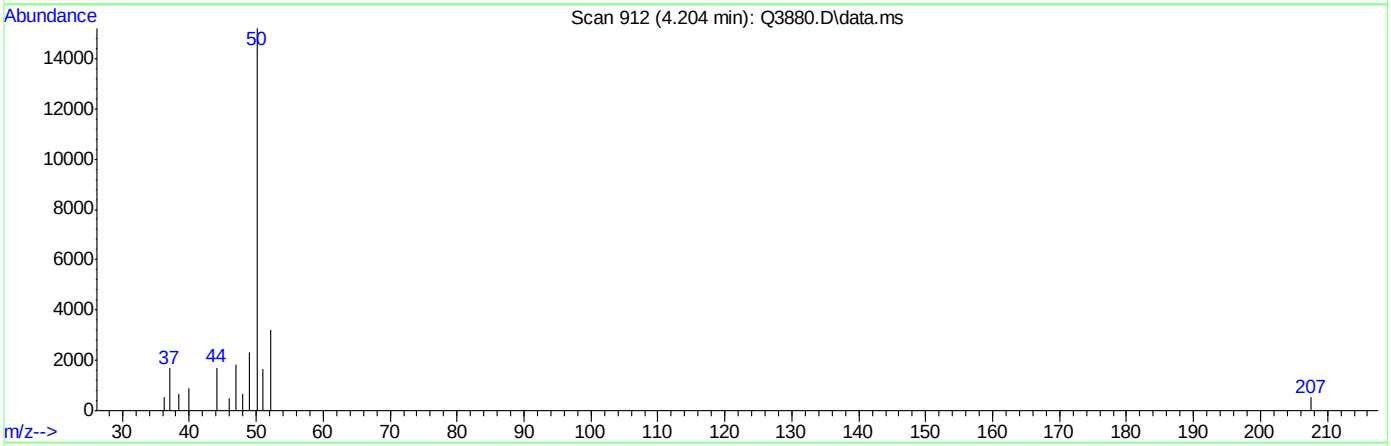
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	30.63
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3880.D
Acq On : 2 Jul 2007 6:13 pm
Operator : PhilipB
Sample : IC208-2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:36:41 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 : Mon Jul 02 18:36:13 2007
Response via : Initial Calibration





TIC: Q3880.D\data.ms

(5) CHLOROMETHANE (m)

4.204min (+0.007) 3.10PPBV m

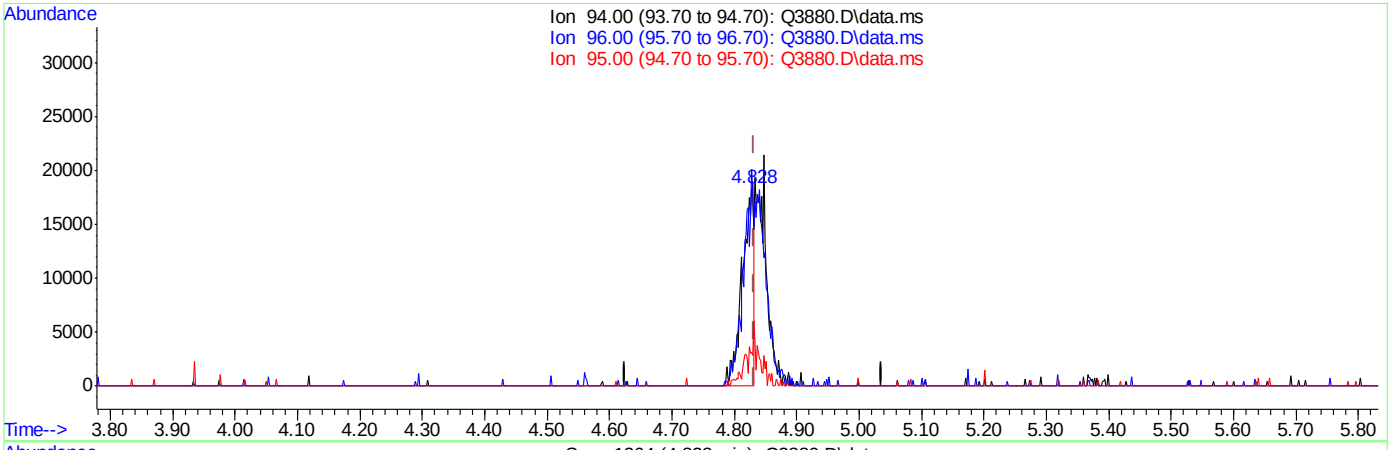
response 31877

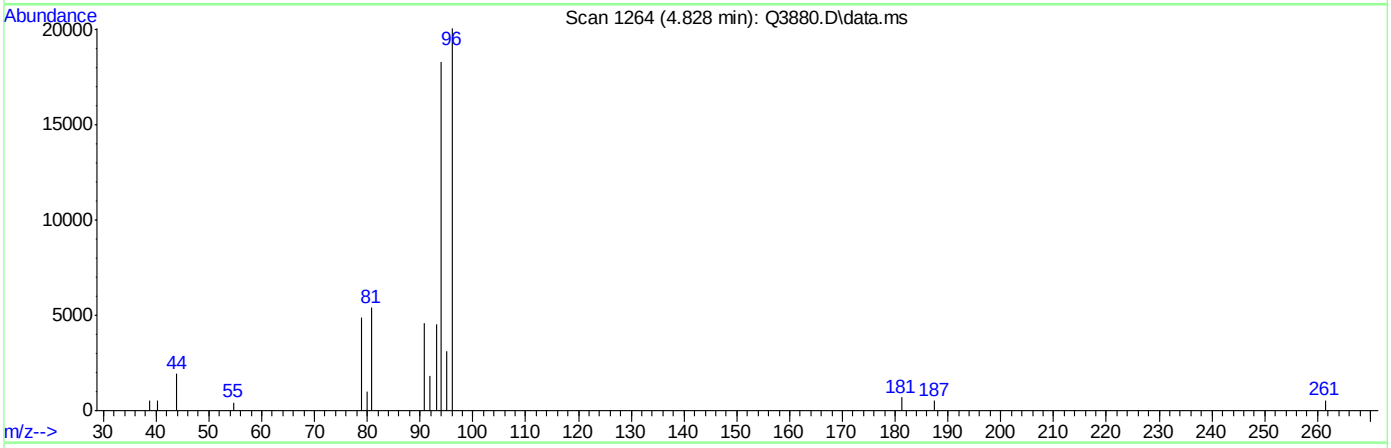
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	21.18
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3880.D
Acq On : 2 Jul 2007 6:13 pm
Operator : PhilipB
Sample : IC208-2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:36:41 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 : Mon Jul 02 18:36:13 2007
Response via : Initial Calibration





TIC: Q3880.D\data.ms

(8) BROMOMETHANE (m)

4.828min (-0.004) 1.27PPBV

response 23458

Ion	Exp%	Act%
94.00	100	100
96.00	93.00	112.24
95.00	13.50	30.81
0.00	0.00	0.00

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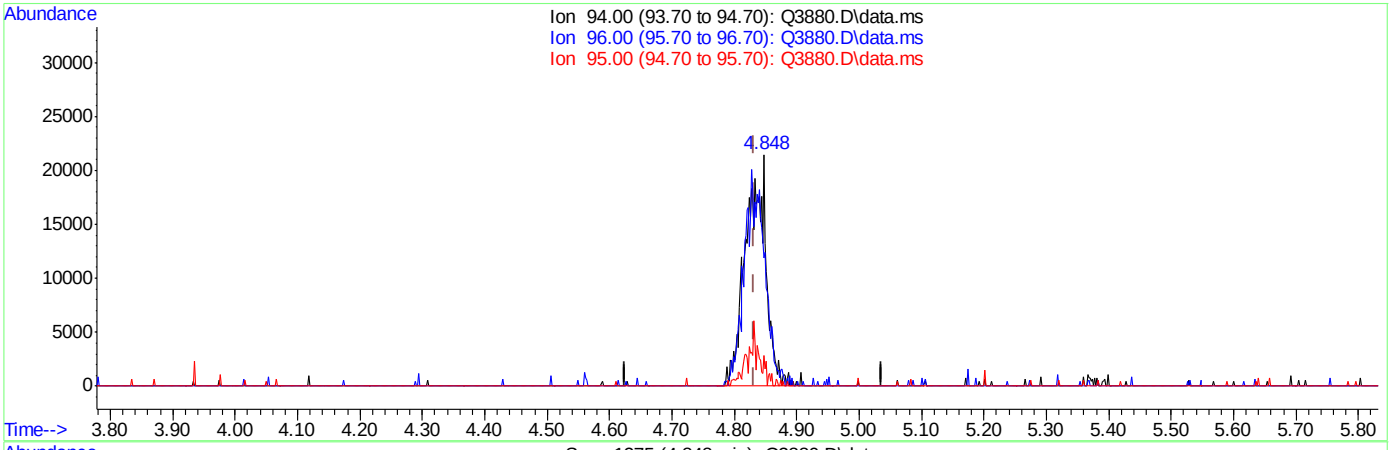
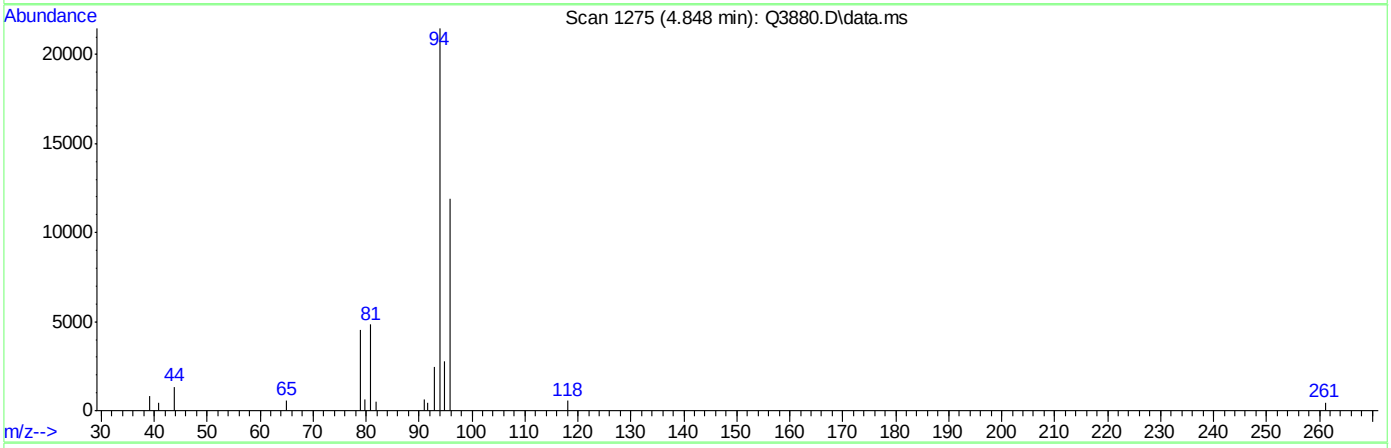
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3880.D
Acq On : 2 Jul 2007 6:13 pm
Operator : PhilipB
Sample : IC208-2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:36:41 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 : Mon Jul 02 18:36:13 2007
Response via : Initial Calibration





TIC: Q3880.D\data.ms

(8) BROMOMETHANE (m)

4.848min (+0.016) 2.62PPBV m

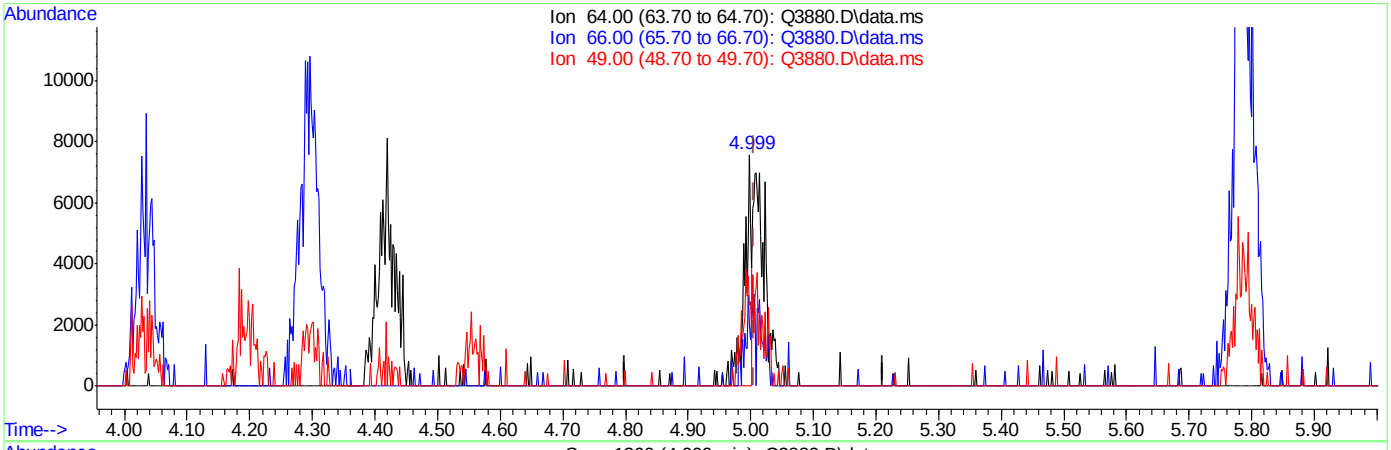
response 48445

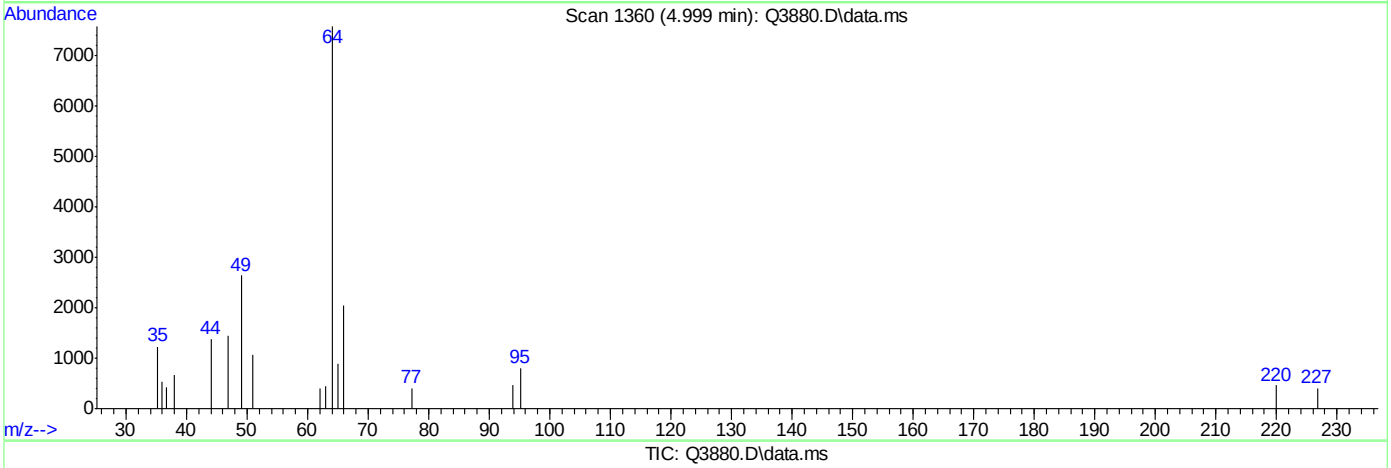
Ion	Exp%	Act%
94.00	100	100
96.00	93.00	54.35#
95.00	13.50	14.92
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3880.D
Acq On : 2 Jul 2007 6:13 pm
Operator : PhilipB
Sample : IC208-2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:36:41 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 : Mon Jul 02 18:36:13 2007
Response via : Initial Calibration





TIC: Q3880.D\data.ms

(9) CHLOROETHANE (m)

4.999min (-0.007) 0.84PPBV

response 5773

Ion	Exp%	Act%
64.00	100	100
66.00	29.70	50.61#
49.00	36.50	71.44#
0.00	0.00	0.00

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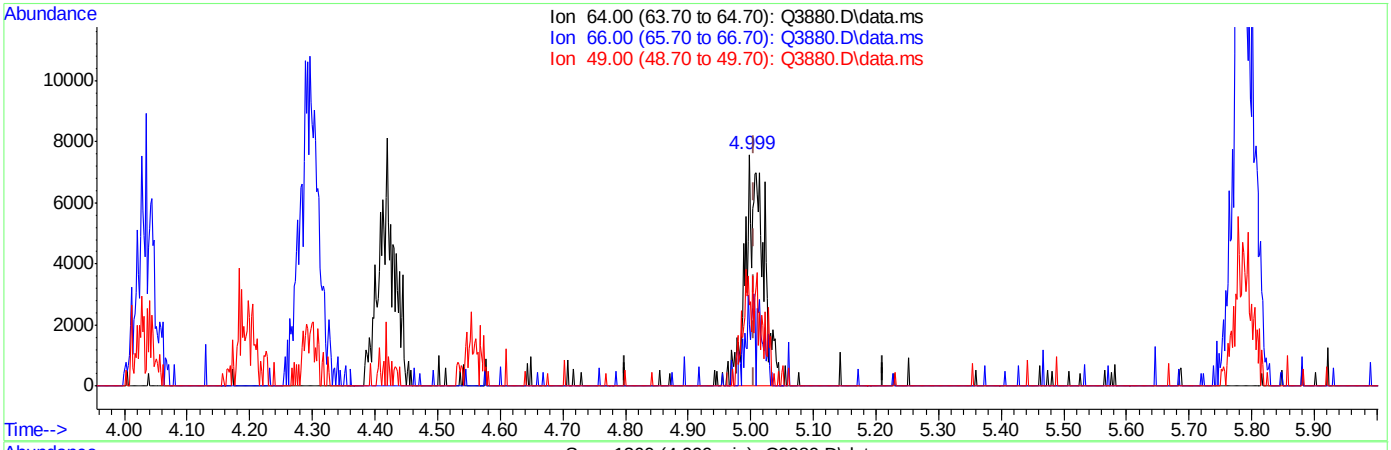
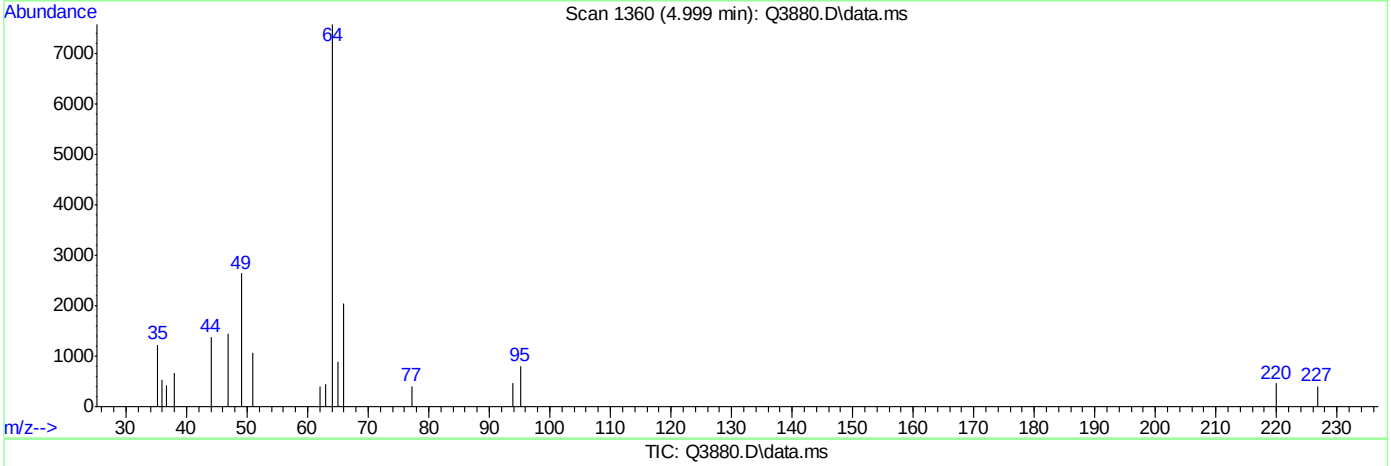
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3880.D
Acq On : 2 Jul 2007 6:13 pm
Operator : PhilipB
Sample : IC208-2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:36:41 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 : Mon Jul 02 18:36:13 2007
Response via : Initial Calibration





TIC: Q3880.D\data.ms

(9) CHLOROETHANE (m)

4.999min (-0.007) 2.17PPBV m

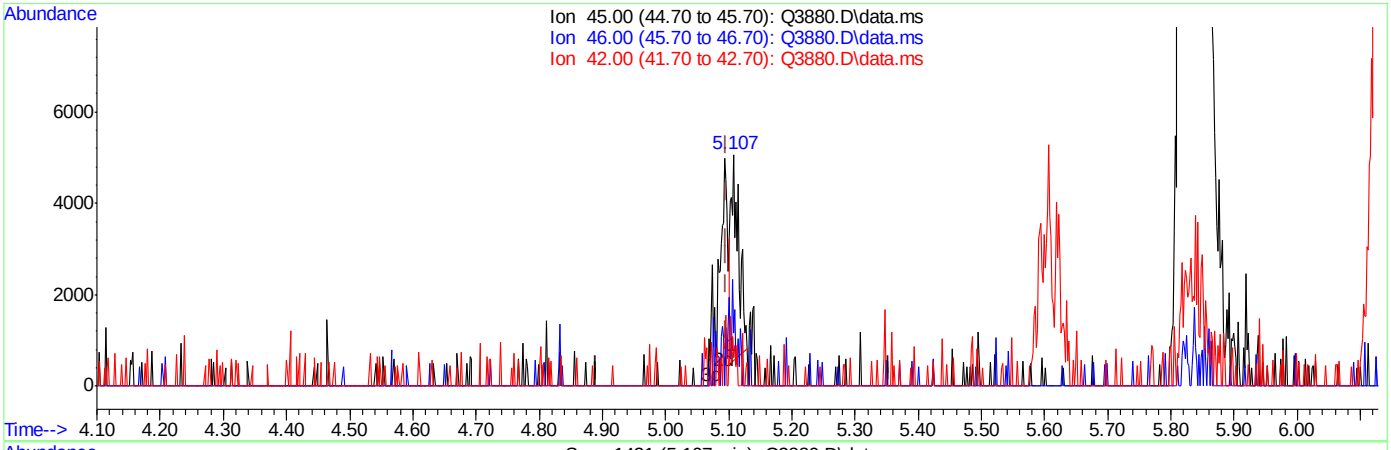
response 14957

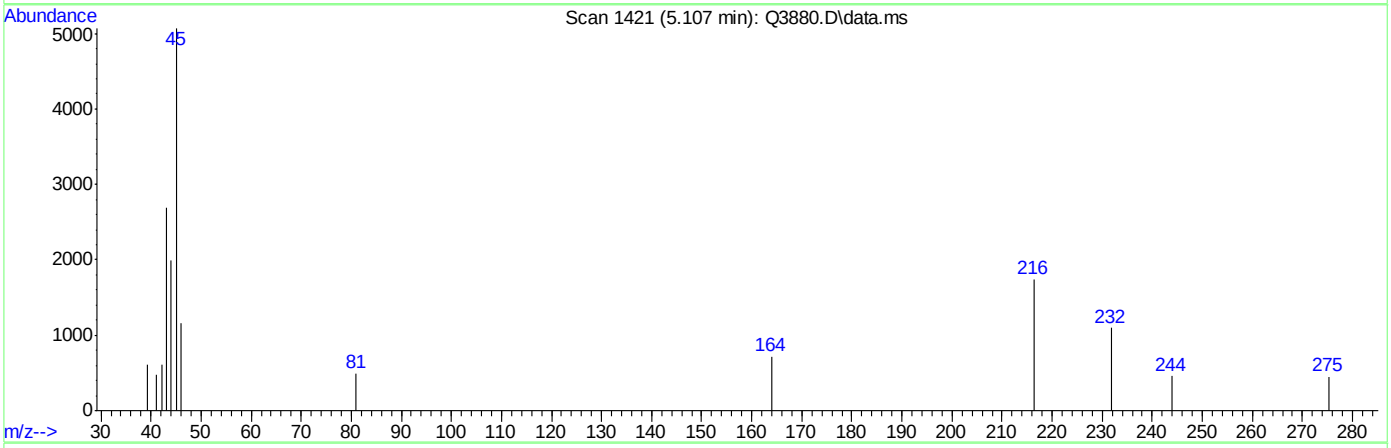
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	19.54
49.00	36.50	27.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3880.D
Acq On : 2 Jul 2007 6:13 pm
Operator : PhilipB
Sample : IC208-2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:36:41 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 : Mon Jul 02 18:36:13 2007
Response via : Initial Calibration





TIC: Q3880.D\data.ms

(16) ETHANOL (m)

5.107min (+0.011) 0.98PPBV

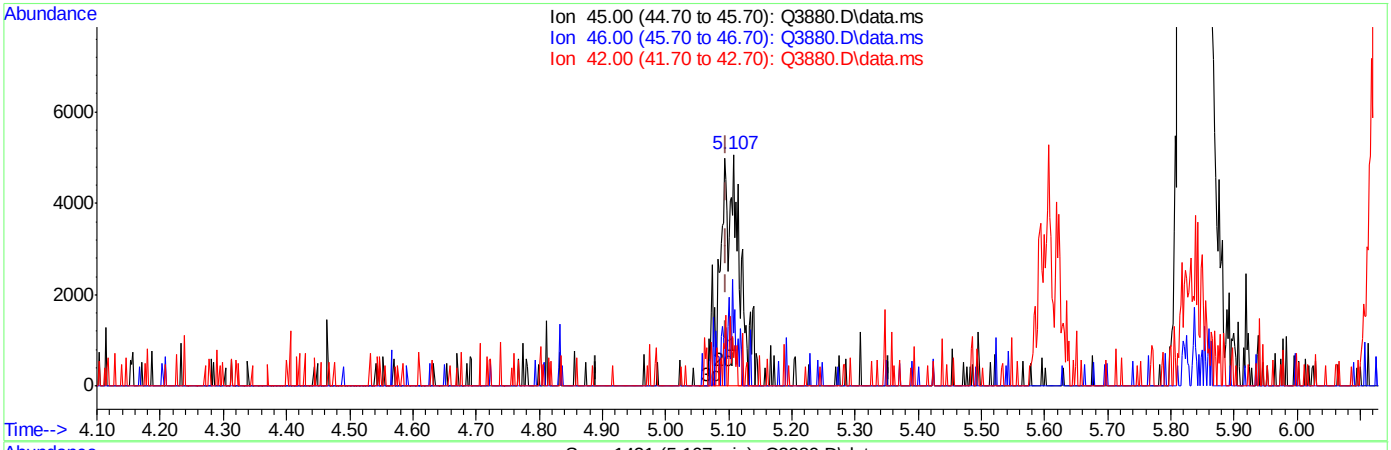
response 3788

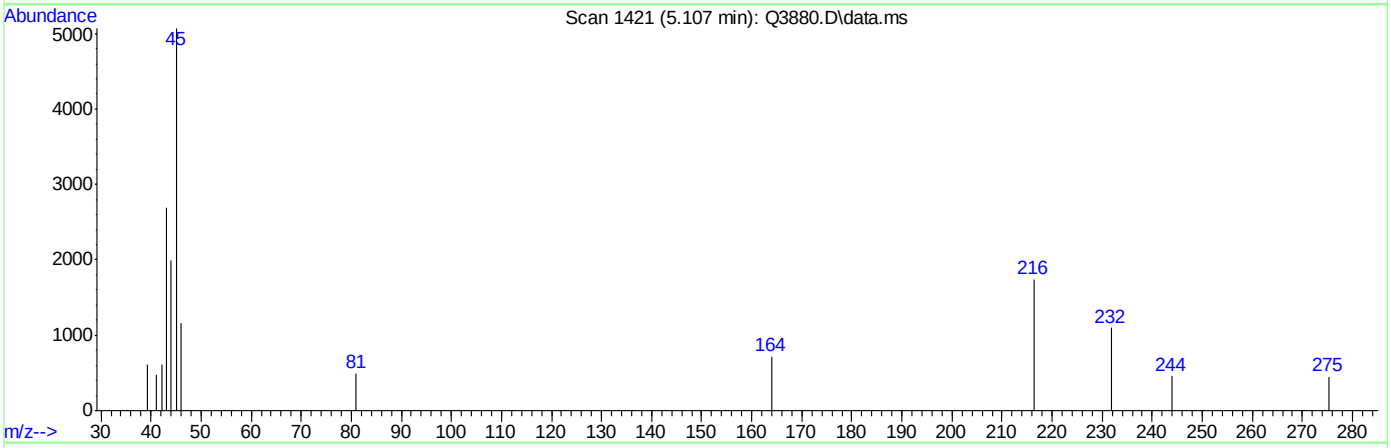
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	34.05
42.00	8.40	19.09
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3880.D
Acq On    :  2 Jul 2007   6:13 pm
Operator  : PhilipB
Sample    : IC208-2 (M189)
Misc      : MS13857, MSQ208,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Jul 02 18:36:41 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 : Mon Jul 02 18:36:13 2007
Response via : Initial Calibration
```



TIC: Q3880.D\data.ms

(16) ETHANOL (m)

5.107min (+0.011) 2.79PPBV m

response 10787

Ion	Exp%	Act%
45.00	100	100
46.00	34.70	11.96#
42.00	8.40	6.70
0.00	0.00	0.00

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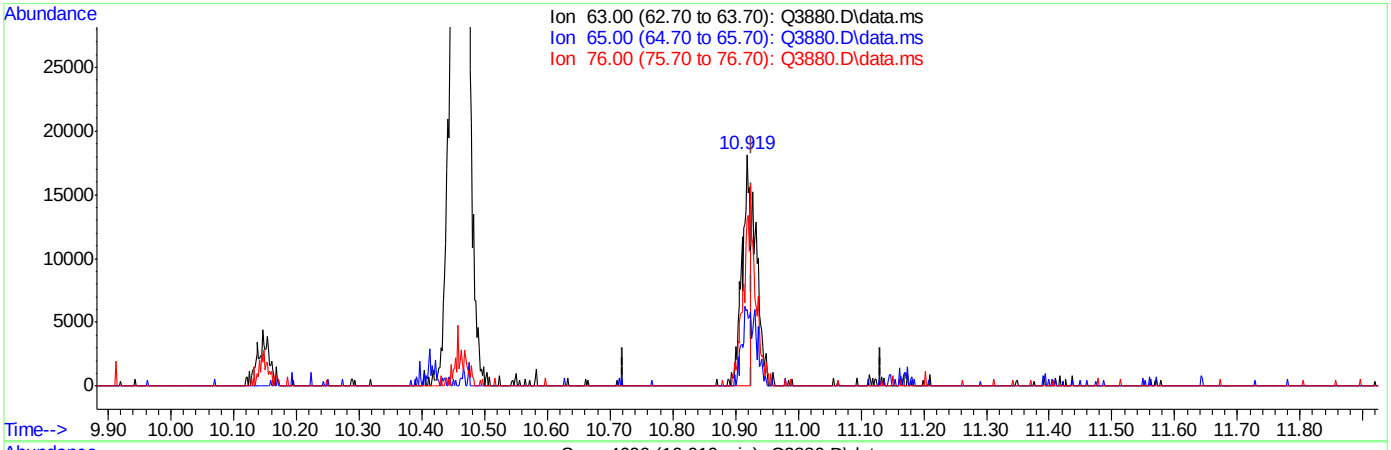
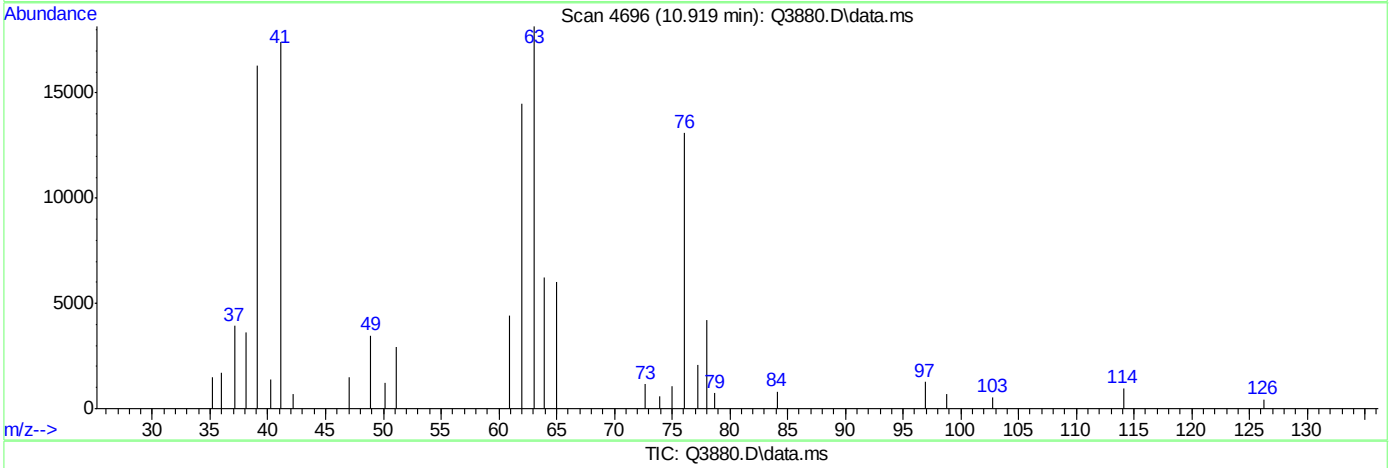
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3880.D
Acq On : 2 Jul 2007 6:13 pm
Operator : PhilipB
Sample : IC208-2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:36:41 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 : Mon Jul 02 18:36:13 2007
Response via : Initial Calibration





TIC: Q3880.D\data.ms

(39) 1,2-DICHLOROPROPANE (m)

10.919min (-0.007) 1.55PPBV

response 16466

Ion	Exp%	Act%
63.00	100	100
65.00	28.60	60.25#
76.00	41.10	124.89#
0.00	0.00	0.00

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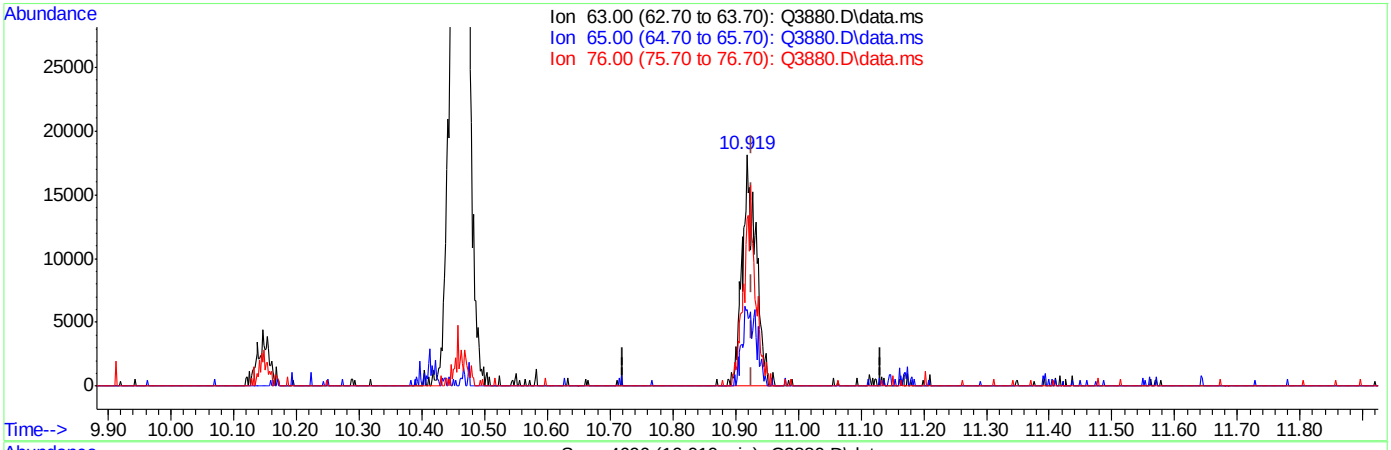
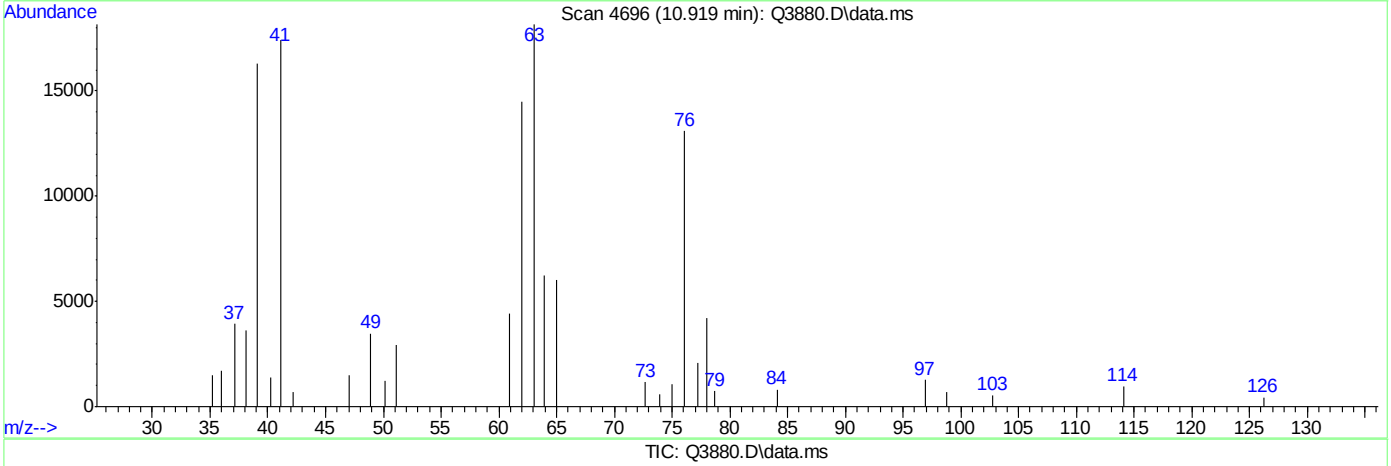
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3880.D
Acq On : 2 Jul 2007 6:13 pm
Operator : PhilipB
Sample : IC208-2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:36:41 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 : Mon Jul 02 18:36:13 2007
Response via : Initial Calibration





TIC: Q3880.D\data.ms

(39) 1,2-DICHLOROPROPANE (m)

10.919min (-0.007) 2.64PPBV m

response 28104

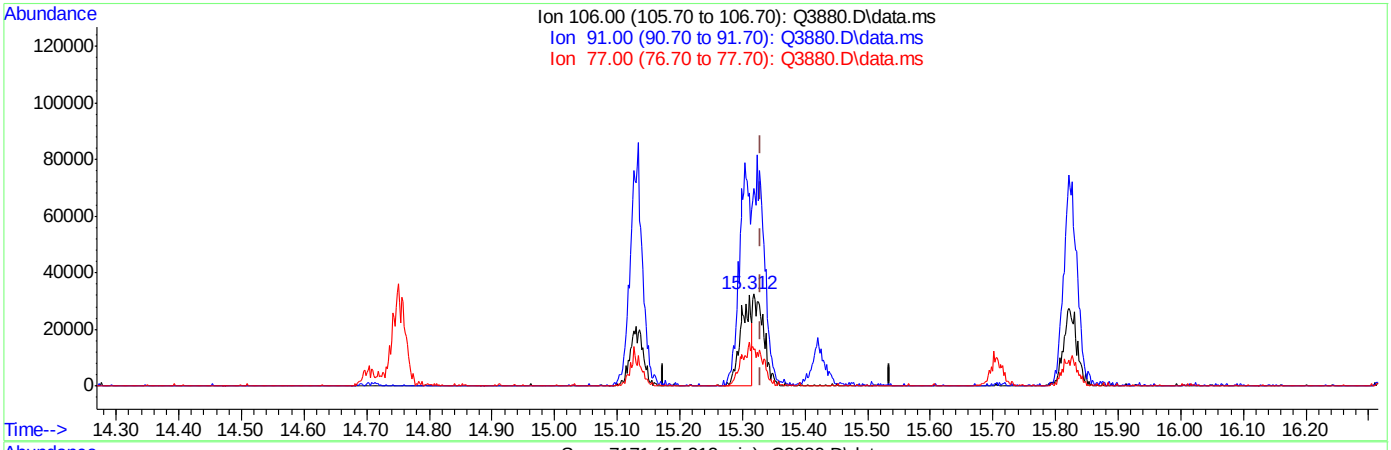
Ion	Exp%	Act%
63.00	100	100
65.00	28.60	35.30
76.00	41.10	73.17#
0.00	0.00	0.00

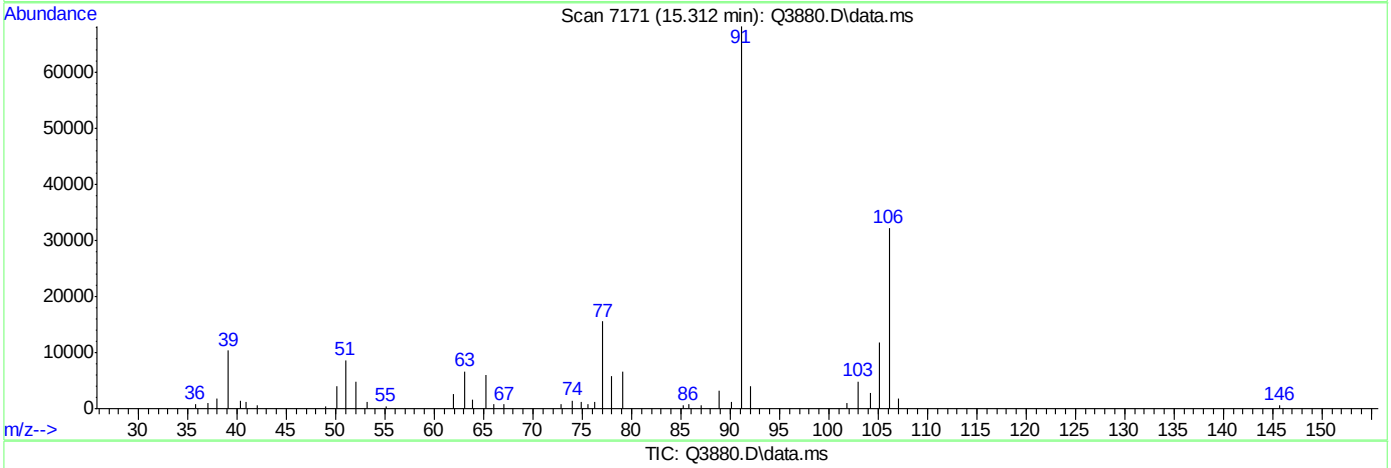
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3880.D
Acq On : 2 Jul 2007 6:13 pm
Operator : PhilipB
Sample : IC208-2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:36:41 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 : Mon Jul 02 18:36:13 2007
Response via : Initial Calibration





TIC: Q3880.D\data.ms

(56) m,p-XYLENE (m)

15.312min (-0.017) 2.18PPBV

response 39063

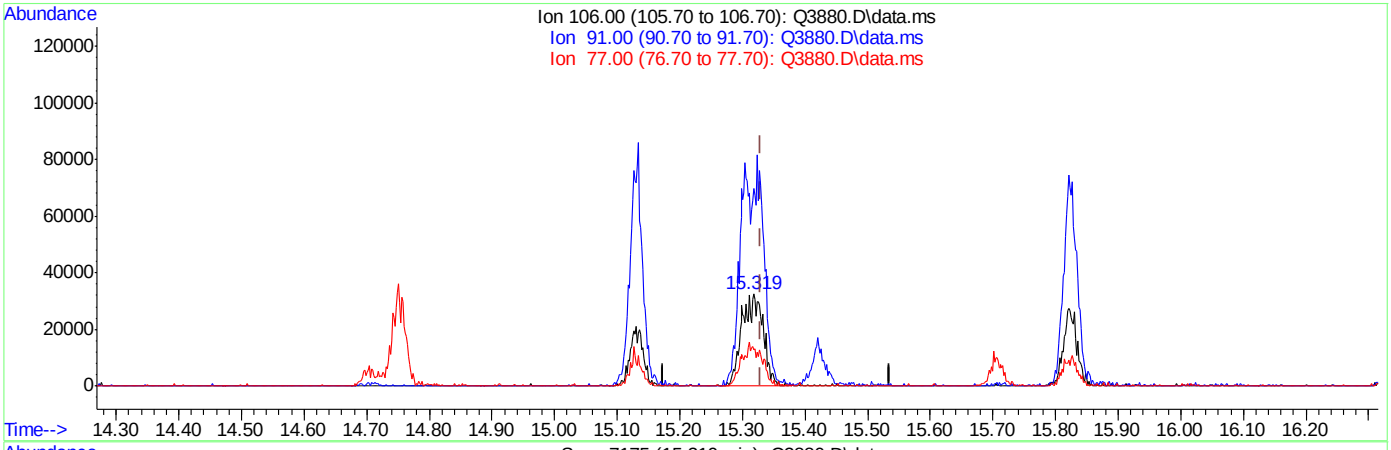
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	211.42
77.00	27.30	48.12#
0.00	0.00	0.00

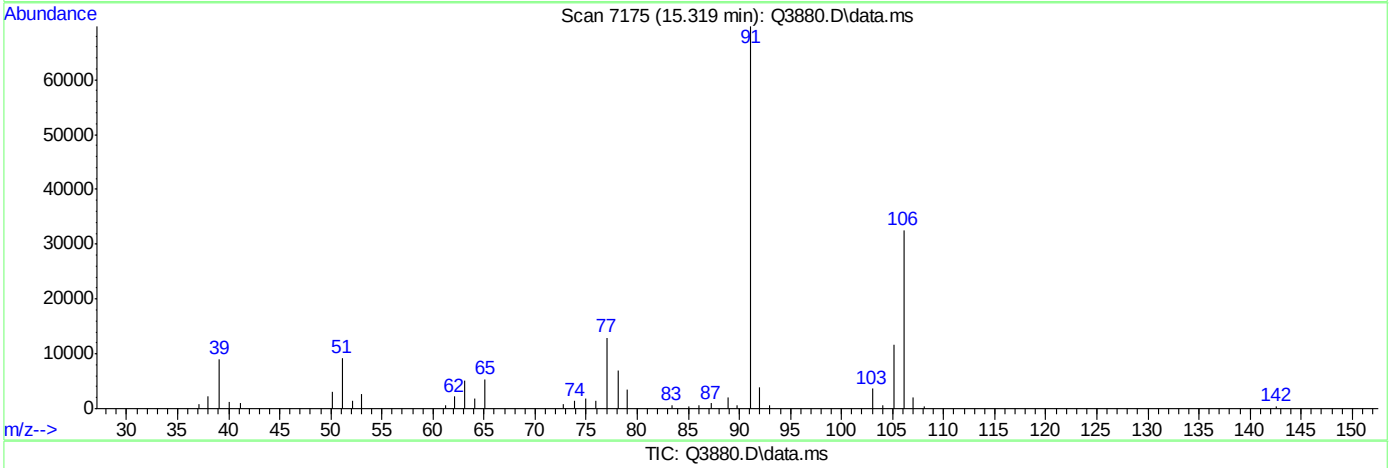
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3880.D
Acq On : 2 Jul 2007 6:13 pm
Operator : PhilipB
Sample : IC208-2 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 18:36:41 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 : Mon Jul 02 18:36:13 2007
Response via : Initial Calibration





TIC: Q3880.D\data.ms

(56) m,p-XYLENE (m)

15.319min (-0.010) 4.40PPBV m

response 78683

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	214.28
77.00	27.30	39.81#
0.00	0.00	0.00

ACCUTEST Laboratories M65924

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
07/06/07 11:27

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3881.D
Acq On : 2 Jul 2007 6:54 pm
Operator : PhilipB
Sample : ICV208-10 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 09:23:44 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:18:48 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	115405	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.460	114	547397	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.707	117	453270	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.325	95	232880	5.48	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 109.60%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.031	85	1022884	10.28	PPBV		98
3) PROPYLENE	3.964	41	91016	9.58	PPBV		81
4) FREON 114	4.294	85	833267	11.06	PPBV		90
5) CHLOROMETHANE	4.193	50	146231	11.75	PPBV		82
6) VINYL CHLORIDE	4.420	62	192240	11.27	PPBV		98
7) 1,3-BUTADIENE	4.557	39	174459	10.85	PPBV	#	58
8) BROMOMETHANE	4.837	94	226403	10.31	PPBV		95
9) CHLOROETHANE	5.008	64	66282	8.45	PPBV		83
10) TRICHLOROFLUOROMETHANE	5.787	101	1087055	9.80	PPBV		97
11) ISOPROPYL ALCOHOL	5.822	45	305925	8.62	PPBV		88
12) ACETONE	5.590	43	253476m	7.04	PPBV		
13) PENTANE	6.140	42	213975	10.38	PPBV		90
14) 1,1-DICHLOROETHYLENE	6.424	96	233846	10.58	PPBV	#	87
15) CARBON DISULFIDE	6.857	76	765934	10.98	PPBV		97
16) ETHANOL	5.087	45	35800m	6.90	PPBV		
17) BROMOETHENE	5.364	106	194289	9.42	PPBV	#	88
18) METHYLENE CHLORIDE	6.534	84	273561	15.26	PPBV	#	70
19) 3-CHLOROPROPENE	6.662	39	192768	7.88	PPBV	#	82
20) FREON 113	6.797	151	406177	8.03	PPBV		93
21) TRANS-1,2-DICHLOROETHY...	7.466	96	193903	9.11	PPBV	#	83
22) TERTIARY BUTYL ALCOHOL	6.427	59	370276	8.88	PPBV		88
23) METHYL TERTIARY BUTYL ...	7.711	73	353899	7.94	PPBV		87
24) TETRAHYDROFURAN	9.143	42	78902	9.24	PPBV		70
25) HEXANE	8.667	57	143246	8.98	PPBV	#	73
26) VINYL ACETATE	7.783	43	271211	8.16	PPBV		97
27) 1,1-DICHLOROETHANE	7.663	63	292363	8.03	PPBV		92
28) METHYL ETHYL KETONE	8.028	43	184233	8.01	PPBV		93
29) cis-1,2-DICHLOROETHYLENE	8.470	96	97698	8.58	PPBV		93
30) ETHYL ACETATE	8.664	43	310966	8.25	PPBV	#	96
31) CHLOROFORM	8.754	83	360763	8.40	PPBV		96
32) 1,1,1-TRICHLOROETHANE	9.707	97	390277	8.16	PPBV		97
33) CARBON TETRACHLORIDE	10.291	117	503239	8.69	PPBV		95
34) 1,2-DICHLOROETHANE	9.464	62	223993	8.16	PPBV		99
36) BENZENE	10.147	78	252037	7.98	PPBV		88
37) CYCLOHEXANE	10.415	84	119960	8.77	PPBV	#	62
38) TRICHLOROETHYLENE	11.147	95	172329	8.13	PPBV	#	85
39) 1,2-DICHLOROPROPANE	10.926	63	95311	8.18	PPBV	#	68
40) BROMODICHLOROMETHANE	11.106	83	326883	8.23	PPBV		97
41) 2,2,4-TRIMETHYLPENTANE	11.168	57	435563	8.55	PPBV		96
42) 1,4-DIOXANE	11.132	88	52407	7.70	PPBV	#	79
43) HEPTANE	11.402	43	155030	9.59	PPBV		86

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3881.D
Acq On : 2 Jul 2007 6:54 pm
Operator : PhilipB
Sample : ICV208-10 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 09:23:44 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:18:48 2007
Response via : Initial Calibration

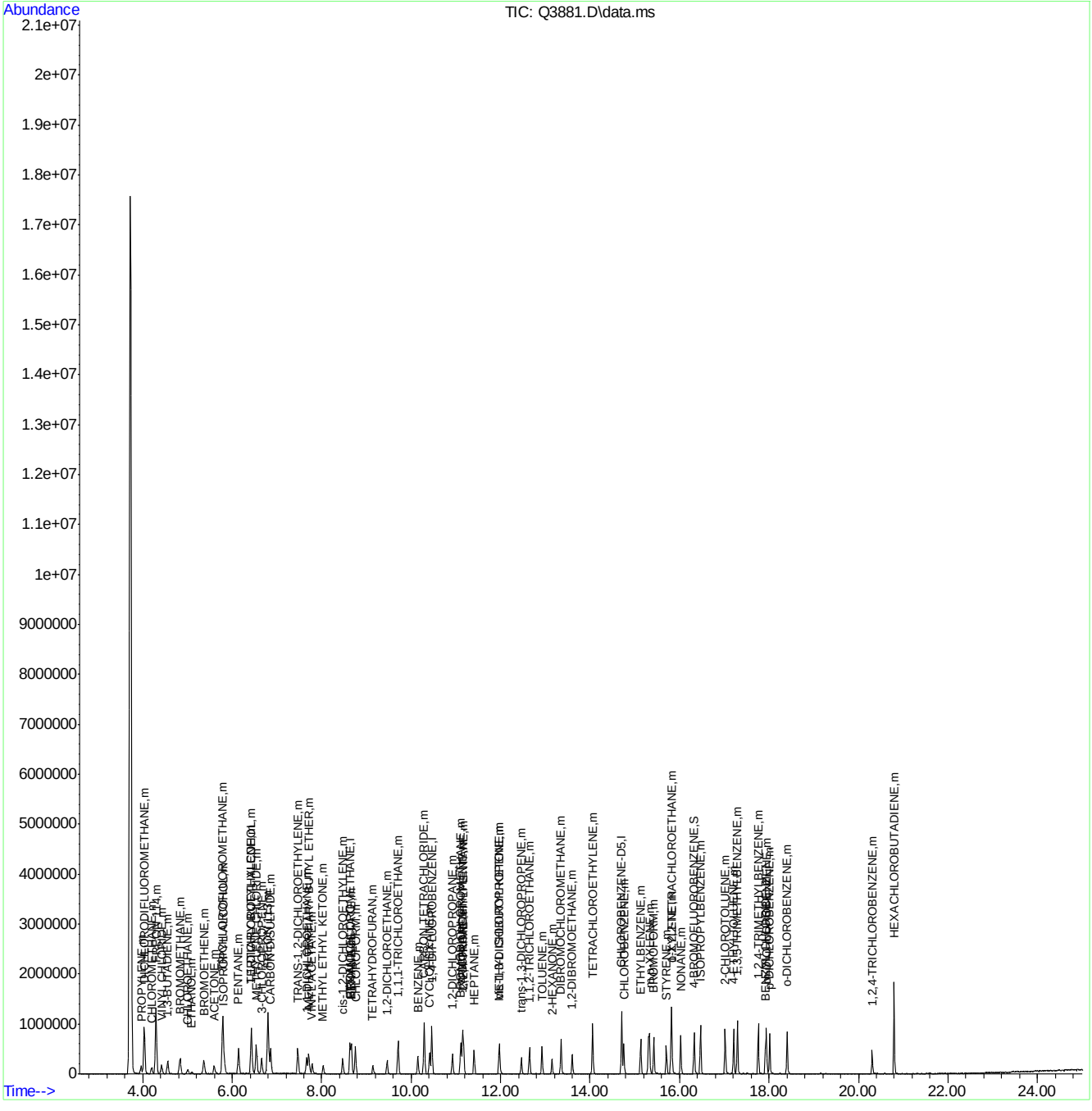
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.981	43	218922	8.52	PPBV		91
45) cis-1,3-DICHLOROPROPENE	11.963	75	169676	8.42	PPBV		85
46) TOLUENE	12.925	92	178544	8.35	PPBV		94
47) trans-1,3-DICHLOROPROPENE	12.463	75	138399	7.59	PPBV		94
48) 1,1,2-TRICHLOROETHANE	12.643	83	109018	7.76	PPBV		97
50) 2-HEXANONE	13.150	43	187552	8.60	PPBV		88
51) TETRACHLOROETHYLENE	14.055	164	124750	7.31	PPBV		94
52) DIBROMOCHLOROMETHANE	13.349	129	281765	8.20	PPBV		100
53) 1,2-DIBROMOETHANE	13.601	107	189003	8.31	PPBV		95
54) CHLOROBENZENE	14.748	112	222241	7.86	PPBV		83
55) ETHYLBENZENE	15.131	91	425632	8.74	PPBV		92
56) m,p-XYLENE	15.326	106	296717	16.17	PPBV	#	71
57) o-XYLENE	15.825	106	153334	7.88	PPBV	#	68
58) STYRENE	15.704	104	204190	7.51	PPBV		88
59) NONANE	16.027	43	240580	8.49	PPBV		93
60) BROMOFORM	15.424	173	243224	7.43	PPBV		98
62) 1,1,2,2-TETRACHLOROETHANE	15.812	83	319078	8.66	PPBV		98
63) ISOPROPYLBENZENE	16.469	105	517767	8.29	PPBV	#	100
64) 2-CHLOROTOLUENE	17.019	91	412714	8.39	PPBV		90
65) 4-ETHYLTOLUENE	17.209	105	452886	8.04	PPBV		94
66) 1,3,5-TRIMETHYLBENZENE	17.293	105	457138	8.52	PPBV		90
67) 1,2,4-TRIMETHYLBENZENE	17.759	105	430159	6.47	PPBV		90
68) m-DICHLOROBENZENE	17.944	146	232088	6.23	PPBV		95
69) BENZYL CHLORIDE	17.917	91	285448	6.04	PPBV		93
70) p-DICHLOROBENZENE	18.015	146	195111	5.38	PPBV		92
71) o-DICHLOROBENZENE	18.402	146	221781	6.49	PPBV		95
72) HEXACHLOROBUTADIENE	20.799	225	170369	9.15	PPBV		98
73) 1,2,4-TRICHLOROBENZENE	20.304	180	78388	5.93	PPBV		93

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3881.D
Acq On : 2 Jul 2007 6:54 pm
Operator : PhilipB
Sample : ICV208-10 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 3 Sample Multiplier: 1

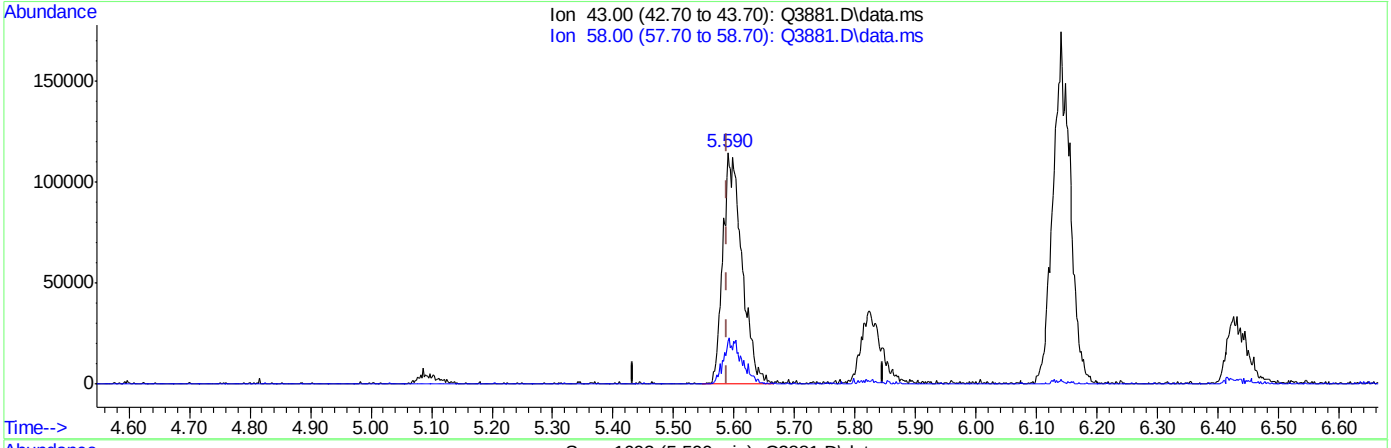
Quant Time: Jul 03 09:23:44 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:18:48 2007
Response via : Initial Calibration

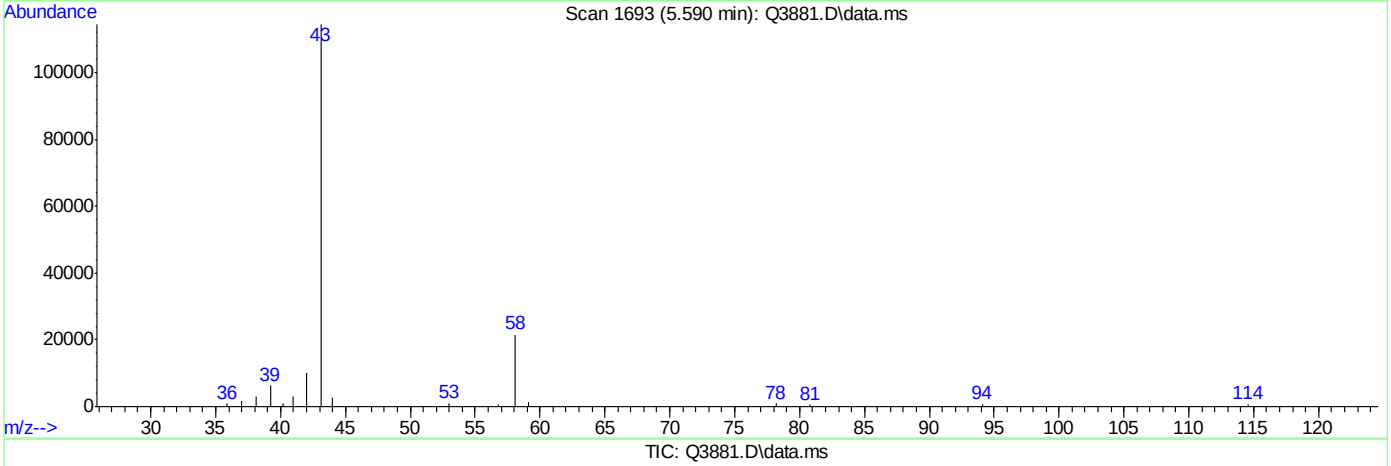


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3881.D
Acq On : 2 Jul 2007 6:54 pm
Operator : PhilipB
Sample : ICV208-10 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 09:22:15 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:18:48 2007
Response via : Initial Calibration





TIC: Q3881.D\data.ms

(12) ACETONE (m)

5.590min (+0.001) 6.90PPBV

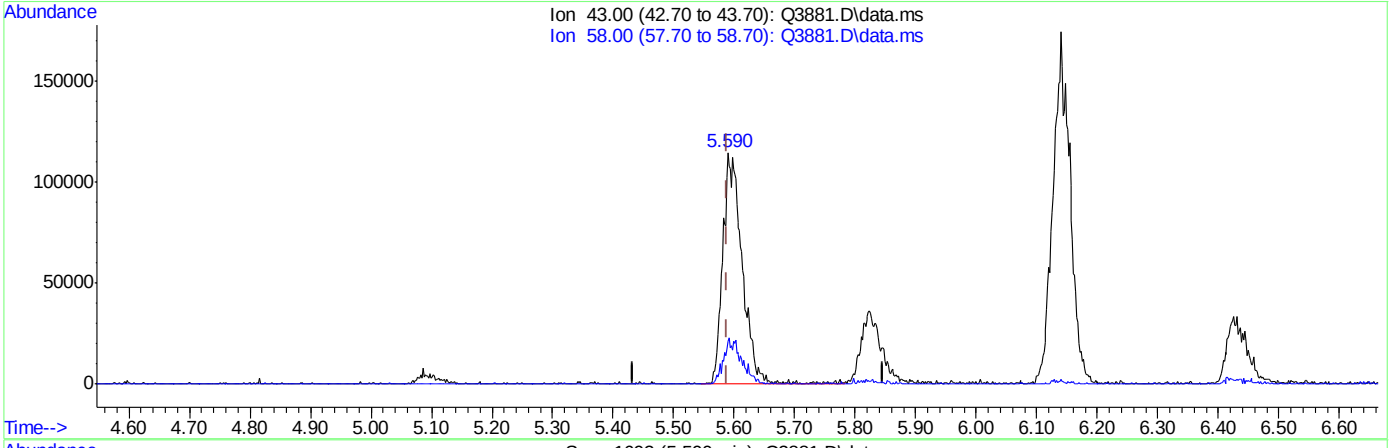
response 248891

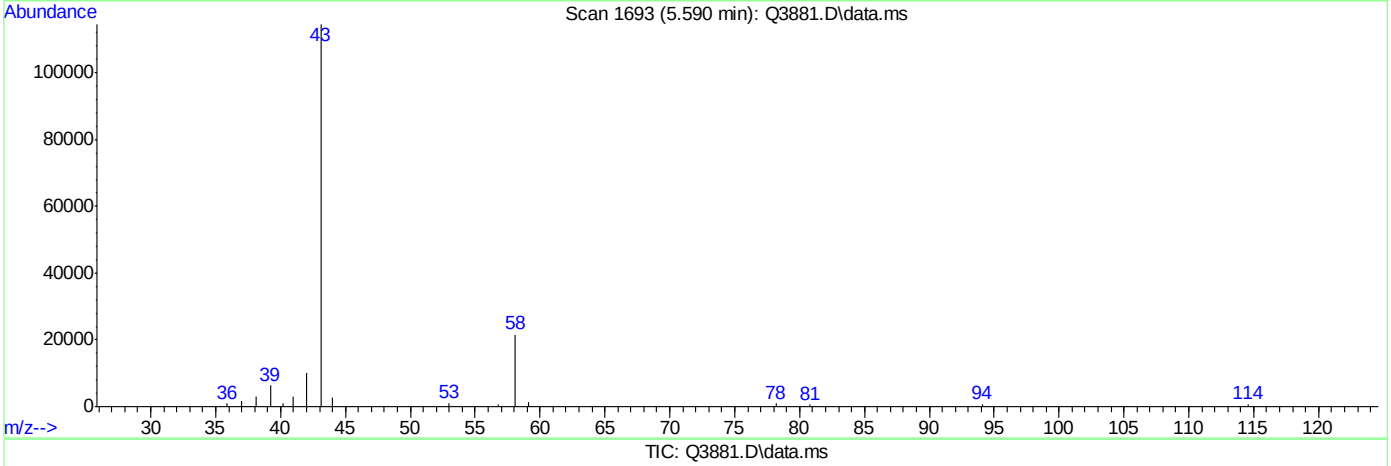
Ion	Exp%	Act%
43.00	100	100
58.00	29.00	18.65
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3881.D
Acq On : 2 Jul 2007 6:54 pm
Operator : PhilipB
Sample : ICV208-10 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 09:22:15 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:18:48 2007
Response via : Initial Calibration





TIC: Q3881.D\data.ms

(12) ACETONE (m)

5.590min (+0.001) 7.04PPBV m

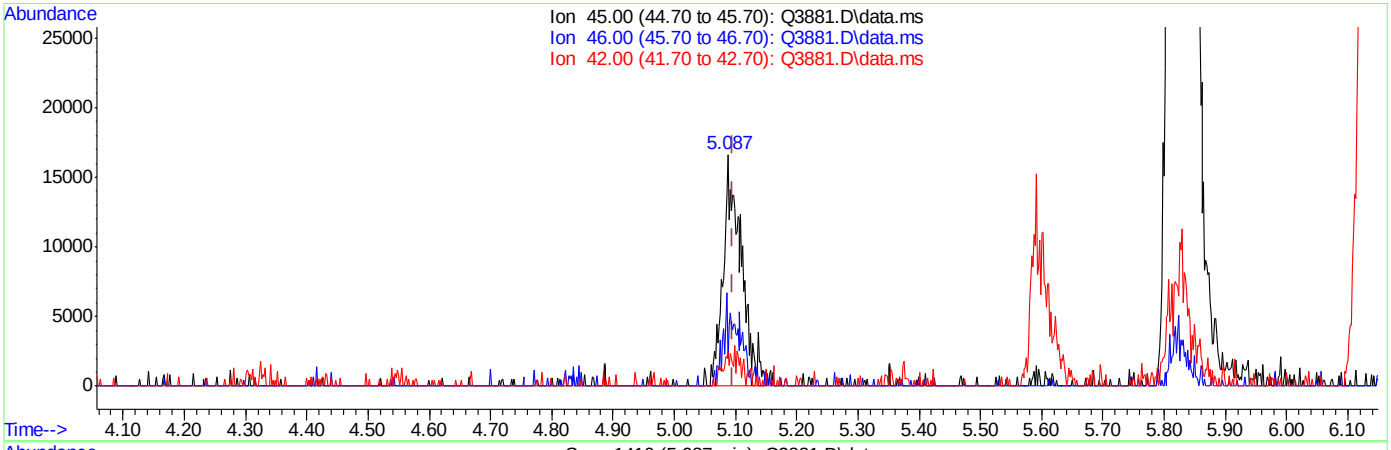
response 253476

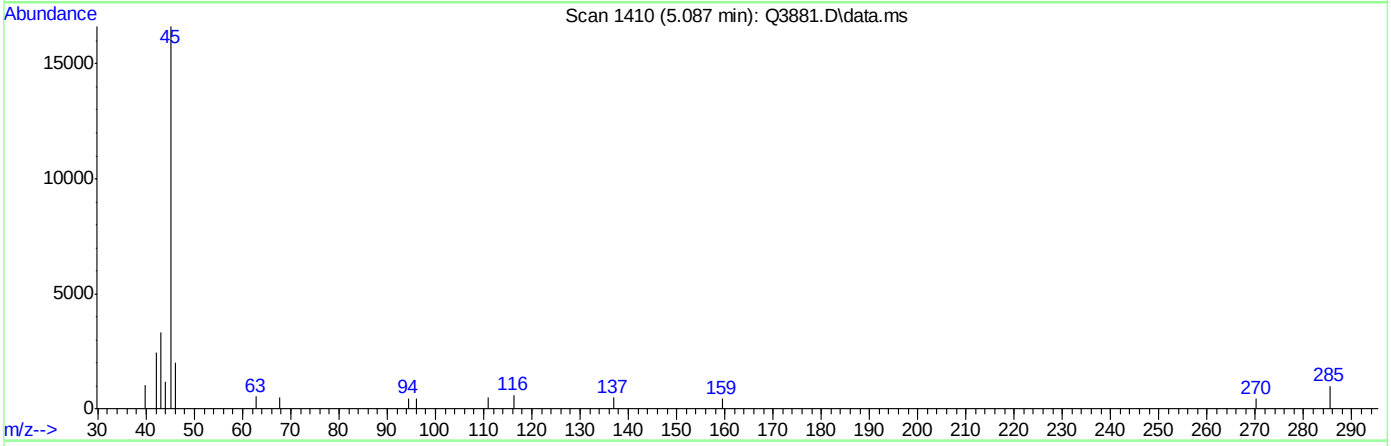
Ion	Exp%	Act%
43.00	100	100
58.00	29.00	18.31
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3881.D
Acq On : 2 Jul 2007 6:54 pm
Operator : PhilipB
Sample : ICV208-10 (M189)
Misc : MS13857, MSQ208,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 09:22:15 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:18:48 2007
Response via : Initial Calibration





TIC: Q3881.D\data.ms

(16) ETHANOL (m)

5.087min (-0.009) 6.57PPBV

response 34128

Ion	Exp%	Act%
45.00	100	100
46.00	34.70	19.99
42.00	8.40	8.90
0.00	0.00	0.00

ACCUTEST Laboratories M65924

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
07/03/07 12:29

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3882.D
Acq On : 2 Jul 2007 7:38 pm
Operator : PhilipB
Sample : CC208-10 (M189)
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 09:25:34 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.630	128	117816	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.461	114	563837	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.707	117	479305	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.325	95	235604	5.25	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 105.00%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.035	85	1143976	11.26	PPBV		97
3) PROPYLENE	3.964	41	106050	10.93	PPBV		84
4) FREON 114	4.298	85	902815	11.74	PPBV		90
5) CHLOROMETHANE	4.198	50	158062	12.44	PPBV		94
6) VINYL CHLORIDE	4.420	62	208173	11.95	PPBV		98
7) 1,3-BUTADIENE	4.550	39	178942	10.90	PPBV	#	61
8) BROMOMETHANE	4.832	94	248165	11.07	PPBV		96
9) CHLOROETHANE	5.002	64	73599m	9.19	PPBV		
10) TRICHLOROFLUOROMETHANE	5.785	101	1248915	11.03	PPBV		97
11) ISOPROPYL ALCOHOL	5.819	45	290098	8.01	PPBV		80
12) ACETONE	5.595	43	289580	7.97	PPBV		79
13) PENTANE	6.143	42	212375	10.09	PPBV		87
14) 1,1-DICHLOROETHYLENE	6.422	96	245160	10.86	PPBV		92
15) CARBON DISULFIDE	6.857	76	806869	11.33	PPBV		98
16) ETHANOL	5.096	45	36671	6.93	PPBV	#	62
17) BROMOETHENE	5.368	106	229964	10.92	PPBV	#	90
18) METHYLENE CHLORIDE	6.539	84	264477	14.45	PPBV		78
19) 3-CHLOROPROPENE	6.655	39	209353	8.38	PPBV	#	80
20) FREON 113	6.798	151	439957	8.52	PPBV		95
21) TRANS-1,2-DICHLOROETHY...	7.464	96	206565	9.50	PPBV	#	81
22) TERTIARY BUTYL ALCOHOL	6.426	59	399937	9.40	PPBV		82
23) METHYL TERTIARY BUTYL ...	7.707	73	373201	8.20	PPBV		88
24) TETRAHYDROFURAN	9.137	42	87020	9.98	PPBV		71
25) HEXANE	8.664	57	150827	9.26	PPBV	#	70
26) VINYL ACETATE	7.789	43	289069	8.52	PPBV		98
27) 1,1-DICHLOROETHANE	7.663	63	322594	8.68	PPBV		93
28) METHYL ETHYL KETONE	8.035	43	200446	8.54	PPBV		97
29) cis-1,2-DICHLOROETHYLENE	8.468	96	106831	9.19	PPBV		93
30) ETHYL ACETATE	8.662	43	331586	8.61	PPBV		100
31) CHLOROFORM	8.752	83	393260	8.97	PPBV		96
32) 1,1,1-TRICHLOROETHANE	9.707	97	431588	8.84	PPBV		97
33) CARBON TETRACHLORIDE	10.289	117	554884	9.39	PPBV		95
34) 1,2-DICHLOROETHANE	9.459	62	249703	8.91	PPBV		98
36) BENZENE	10.153	78	279933	8.61	PPBV		89
37) CYCLOHEXANE	10.414	84	130948	9.29	PPBV	#	63
38) TRICHLOROETHYLENE	11.143	95	191580	8.77	PPBV		85
39) 1,2-DICHLOROPROPANE	10.923	63	104783	8.73	PPBV	#	71
40) BROMODICHLOROMETHANE	11.108	83	362163	8.85	PPBV		96
41) 2,2,4-TRIMETHYLPENTANE	11.171	57	455495	8.68	PPBV	#	96
42) 1,4-DIOXANE	11.134	88	59602	8.51	PPBV		86
43) HEPTANE	11.404	43	155621	9.34	PPBV		87

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3882.D
Acq On : 2 Jul 2007 7:38 pm
Operator : PhilipB
Sample : CC208-10 (M189)
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 09:25:34 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration

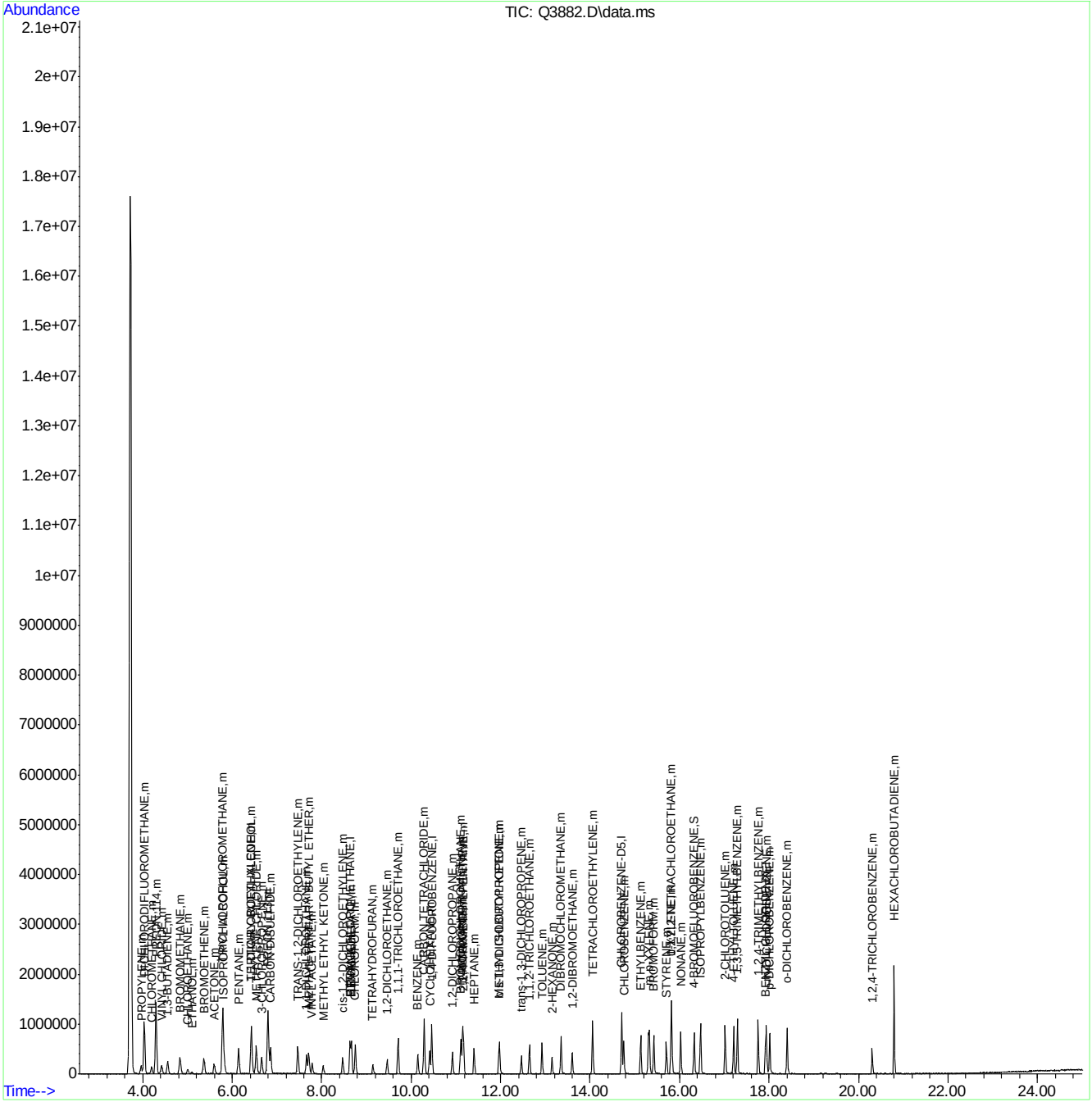
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.981	43	232953	8.80	PPBV		92
45) cis-1,3-DICHLOROPROPENE	11.961	75	186356	8.98	PPBV	#	82
46) TOLUENE	12.925	92	196448	8.91	PPBV		95
47) trans-1,3-DICHLOROPROPENE	12.463	75	155398	8.28	PPBV		97
48) 1,1,2-TRICHLOROETHANE	12.646	83	123305	8.52	PPBV		95
50) 2-HEXANONE	13.150	43	204251	8.86	PPBV		90
51) TETRACHLOROETHYLENE	14.055	164	140027	7.76	PPBV		96
52) DIBROMOCHLOROMETHANE	13.349	129	304463	8.38	PPBV		98
53) 1,2-DIBROMOETHANE	13.603	107	207942	8.64	PPBV		97
54) CHLOROBENZENE	14.751	112	248600	8.32	PPBV		85
55) ETHYLBENZENE	15.133	91	469029	9.11	PPBV		92
56) m,p-XYLENE	15.323	106	334141m	17.22	PPBV		
57) o-XYLENE	15.823	106	170960	8.31	PPBV	#	69
58) STYRENE	15.704	104	223616	7.77	PPBV		88
59) NONANE	16.025	43	265577	8.86	PPBV		93
60) BROMOFORM	15.420	173	277428	8.01	PPBV		98
62) 1,1,2,2-TETRACHLOROETHANE	15.812	83	352982	9.06	PPBV		96
63) ISOPROPYLBENZENE	16.466	105	566987	8.59	PPBV	#	100
64) 2-CHLOROTOLUENE	17.019	91	459137	8.83	PPBV		89
65) 4-ETHYLTOLUENE	17.207	105	485294	8.15	PPBV		94
66) 1,3,5-TRIMETHYLBENZENE	17.293	105	499845	8.80	PPBV		89
67) 1,2,4-TRIMETHYLBENZENE	17.758	105	492669	6.96	PPBV		91
68) m-DICHLOROBENZENE	17.942	146	246405	6.25	PPBV		92
69) BENZYL CHLORIDE	17.919	91	316902	6.31	PPBV		95
70) p-DICHLOROBENZENE	18.017	146	242703	6.21	PPBV		92
71) o-DICHLOROBENZENE	18.404	146	245857	6.78	PPBV		95
72) HEXACHLOROBUTADIENE	20.798	225	200684	9.77	PPBV		100
73) 1,2,4-TRICHLOROBENZENE	20.306	180	86838	6.16	PPBV		96

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3882.D
Acq On : 2 Jul 2007 7:38 pm
Operator : PhilipB
Sample : CC208-10 (M189)
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 09:25:34 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3882.D
Acq On : 2 Jul 2007 7:38 pm
Operator : PhilipB
Sample : CC208-10 (M189)
Misc : MS13877, MSQ209,,,,,1
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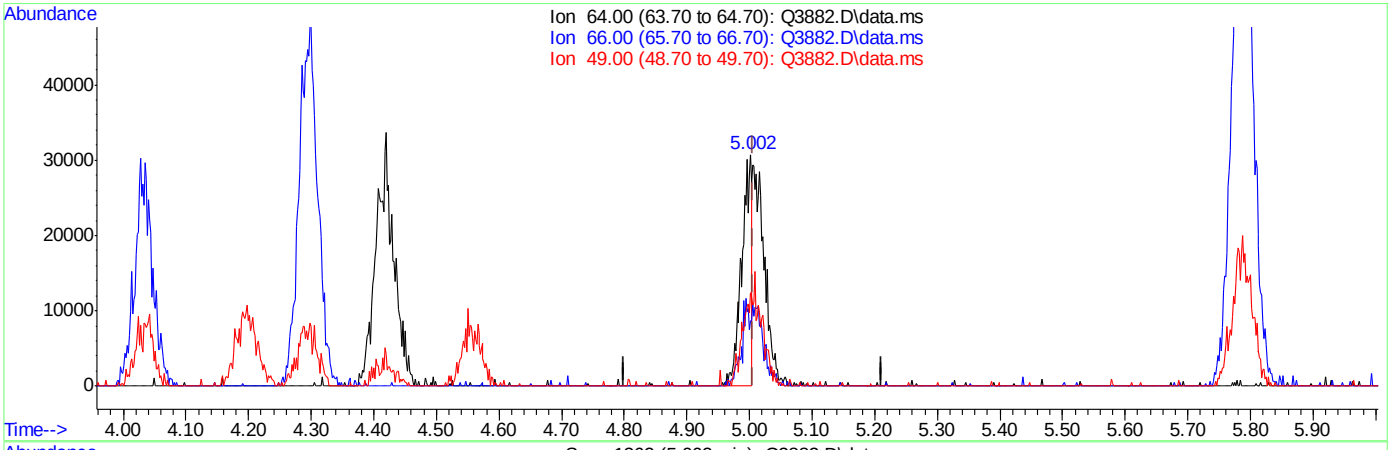
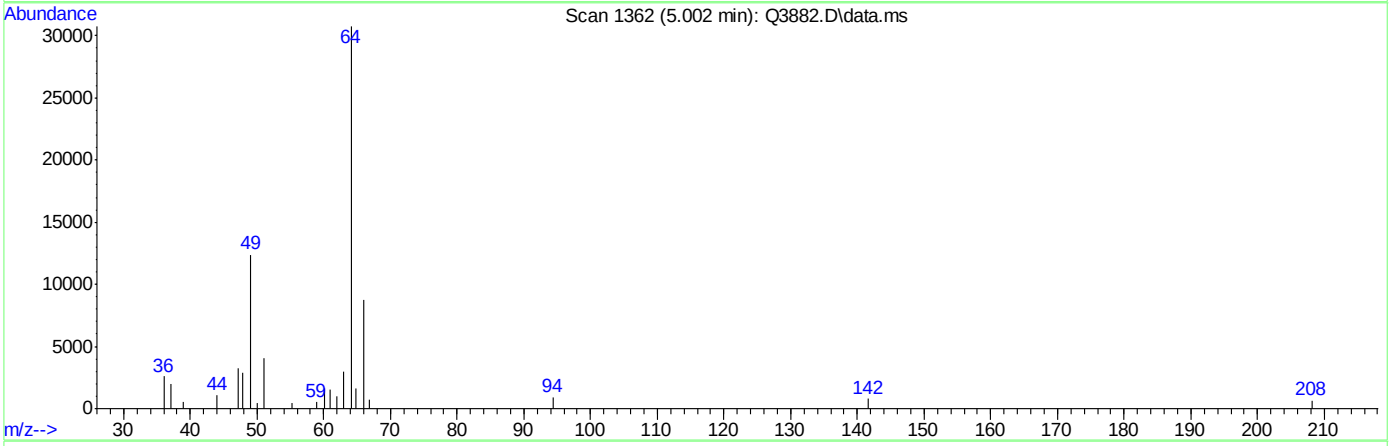
Quant Time: Jul 03 09:24:47 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration





TIC: Q3882.D\data.ms

(9) CHLOROETHANE (m)

5.002min (-0.003) 4.29PPBV

response 34377

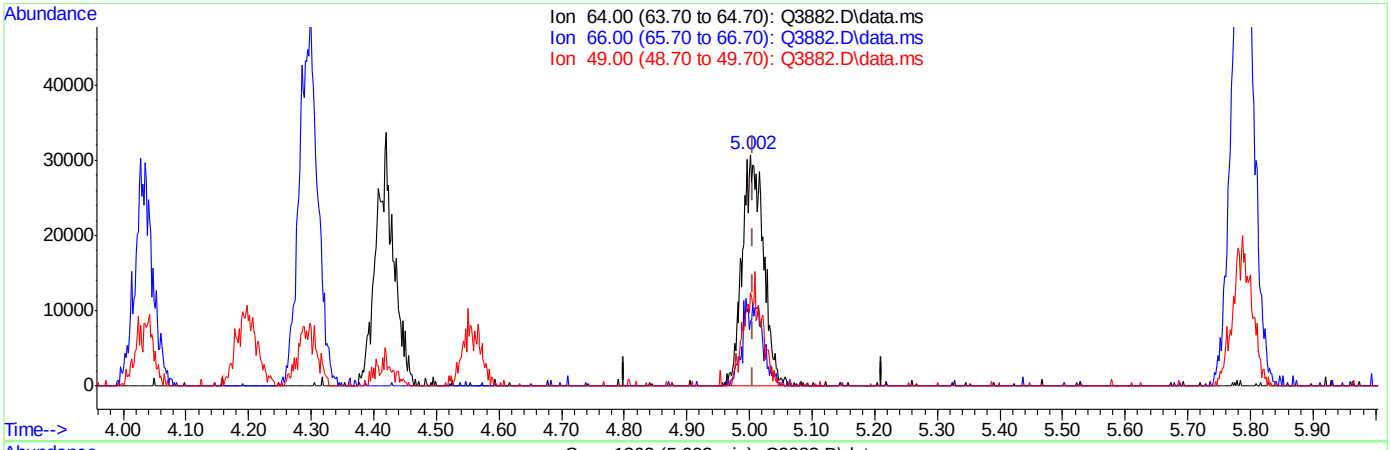
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	38.37
49.00	36.50	83.54#
0.00	0.00	0.00

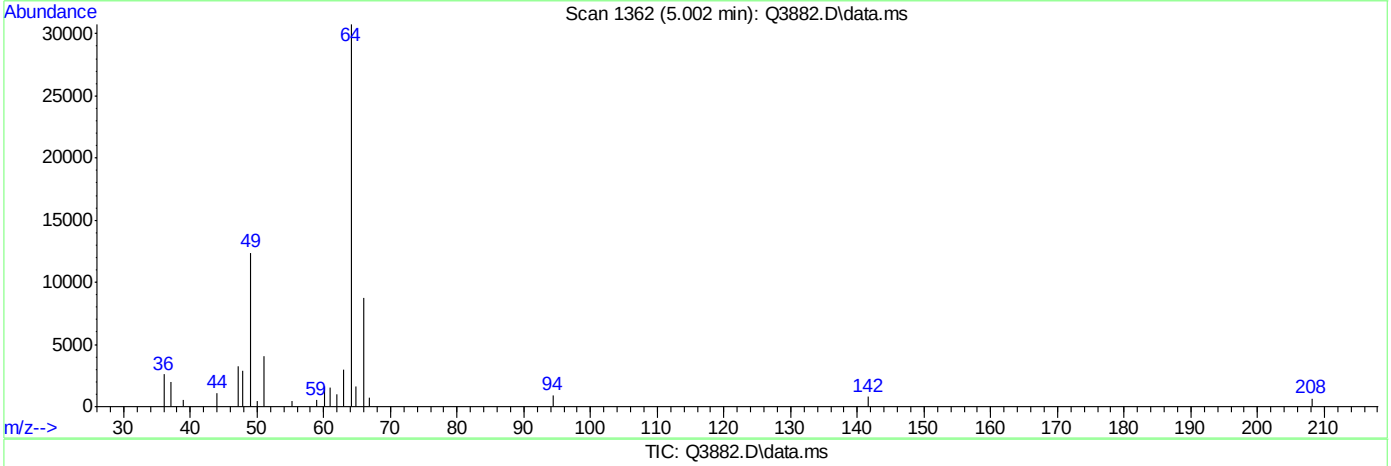
ACCUTEST Laboratories M65924

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3882.D
Acq On : 2 Jul 2007 7:38 pm
Operator : PhilipB
Sample : CC208-10 (M189)
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 09:24:47 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration





TIC: Q3882.D\data.ms

(9) CHLOROETHANE (m)

5.002min (-0.003) 9.19PPBV m

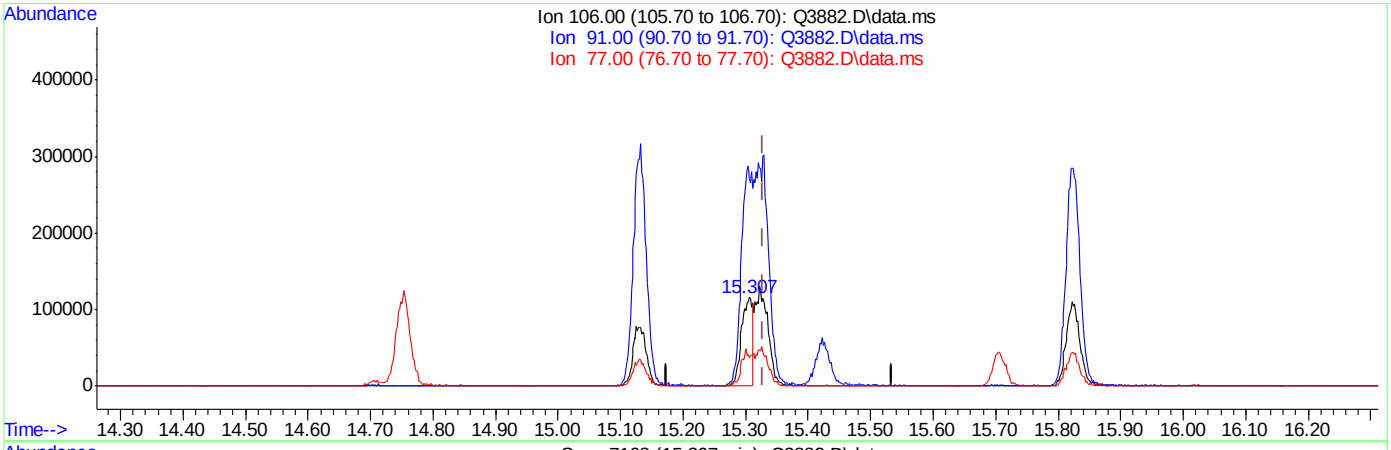
response 73599

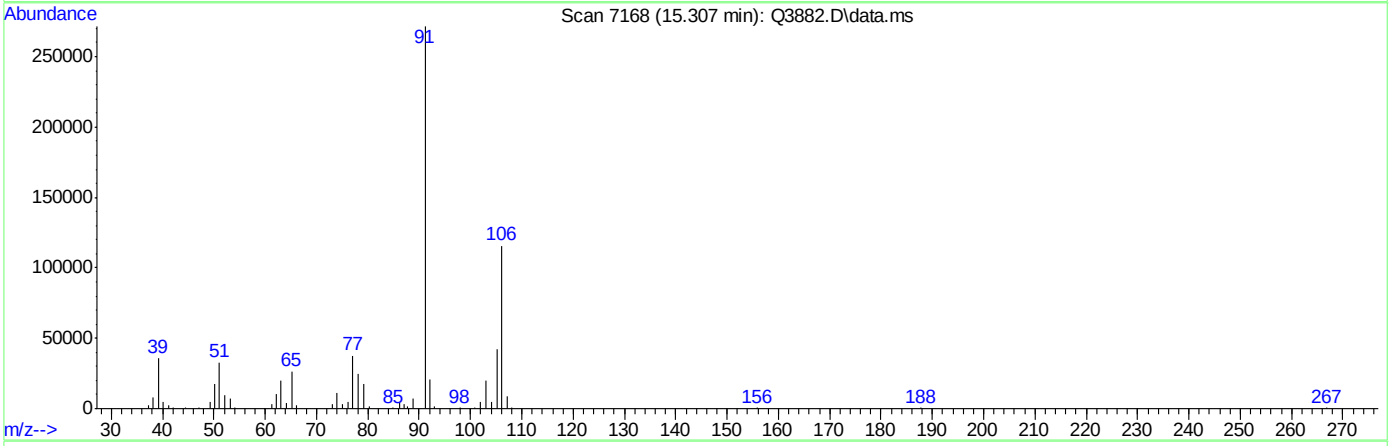
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	17.92
49.00	36.50	39.02
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3882.D
Acq On : 2 Jul 2007 7:38 pm
Operator : PhilipB
Sample : CC208-10 (M189)
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 09:24:47 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration





TIC: Q3882.D\data.ms

(56) m,p-XYLENE (m)

15.307min (-0.022) 7.50PPBV

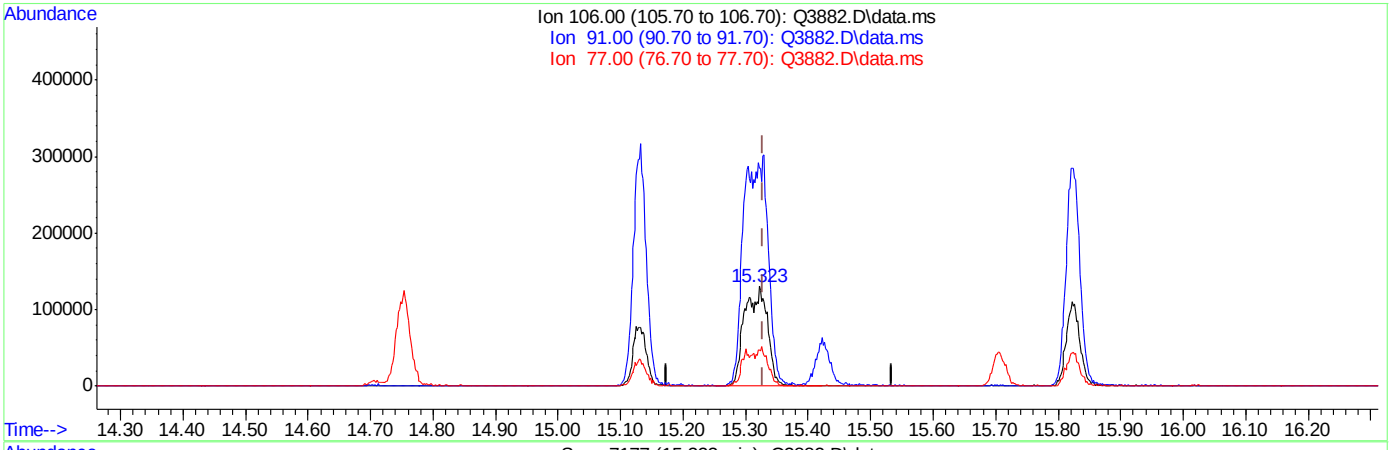
response 145617

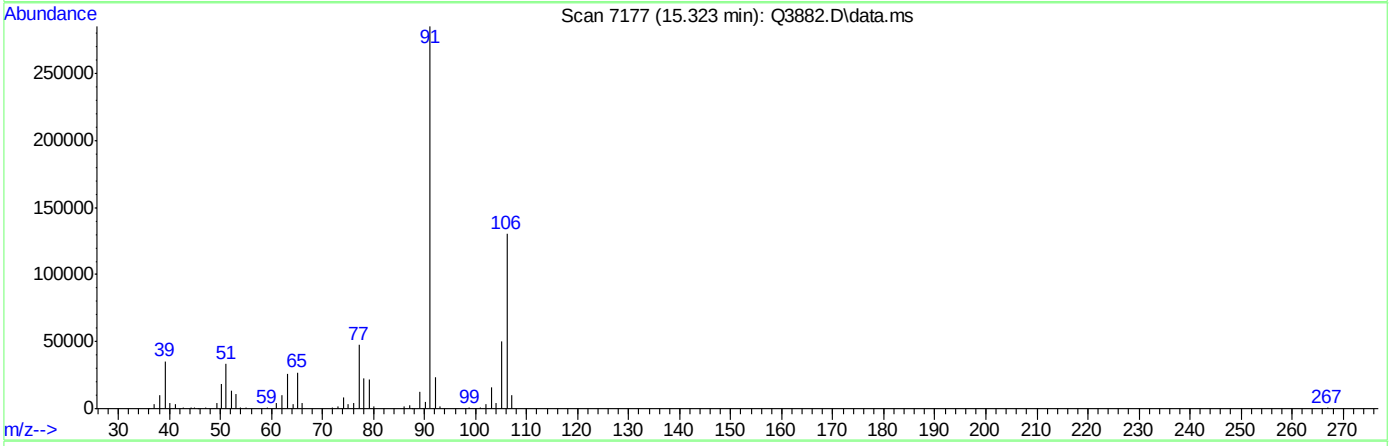
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	234.46
77.00	27.30	32.68
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3882.D
Acq On : 2 Jul 2007 7:38 pm
Operator : PhilipB
Sample : CC208-10 (M189)
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 09:24:47 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration





TIC: Q3882.D\data.ms

(56) m,p-XYLENE (m)

15.323min (-0.006) 17.22PPBV m

response 334141

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	218.59
77.00	27.30	36.40#
0.00	0.00	0.00

ACCUTEST Laboratories M65924

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	MSA367
Calib STD 2	MSA368
ICV	MSA369
Inter/Surr STD	MSA218
BS/BSD	MSA368

File ID	
Tune File 1	Q3873.D
Tune File 2	NA
Initial Cal.	7-2-07
ID FILE	Q070207T.M
Instrument ID	Q
ICAL:	Q3881.D
Column Type:	RTX-1
Sequence Verified By:	PB 7-3-07

Date:	7/2/2007
Analyst:	PHILIPH
Batch ID:	MSQ208
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	7/6/2007 11:28:59 AM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
Q3871	CC204-10	M080	NA	VTO15STD	2		1	NA	Failed; re-run.
Q3872	CC204-10	M080	NA	VTO15STD	2		1	NA	Failed; re-calibrate.
Q3873	IC208-40	M185	MSA367	VTO15STD	1		1	NA	O.K.; BFB
Q3874	IC208-20	M185	MSA367	VTO15STD	1		1	NA	O.K.
Q3875	IC208-10	M185	MSA367	VTO15STD	1		1	NA	O.K.
Q3876	IC208-5	M185	MSA367	VTO15STD	1		1	NA	O.K.
Q3877	IC208-.5	M186	MSA368	VTO15STD	2		1	NA	O.K.
Q3878	IC208.2	M186	MSA368	VTO15STD	2		1	NA	O.K.
Q3879	IC208-2	M186	MSA368	VTO15STD	2		1	NA	High level of MeCl; re-run level
Q3880	IC208-2	M185	MSA367	VTO15STD	1		1	NA	MeCl backround high; use for SL only
Q3881	ICV208-10	M189	MSA369	VTO15STD	3		1	NA	O.K. for SL compounds.

Standard Lot #	
Calib STD 1	MSA367
Calib STD 2	MSA368
ICV	MSA369
Inter/Surr STD	MSA218
BS/BSD	MSA369

File ID	
Tune File 1	Q3882.D
Tune File 2	NA
Initial Cal.	7-2-07
ID FILE	Q070207T.M
Instrument ID	Q
ICAL:	Q3881.D
Column Type:	RTX-1
Sequence Verified By:	PB 7-5-07

Date:	7/3/2007
Analyst:	PHILIPB
Batch ID:	MSQ209
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	7/6/2007 11:47:38 AM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
Q3882	CC208-10	M189	MSA369	VTO15SL	3		1	NA	O.K. for SL, BFB
Q3882A	BS	M189	MS13877	VTO15SL	3		1	NA	O.K.
Q3883	MB	M215	MS13877	VTO15SL	4		1	NA	O.K.
Q3884	M65961-9	M054	MS13866	VTO15STD	4		1	MC013	O.K.
Q3885	M65961-6	M117	MS13866	VTO15STD	4		1	MC032	O.K.
Q3886	M65961-6DUP	M117	MS13866	VTO15SL	4		1	MC032	O.K.
Q3887	M65961-8	M019	MS13866	VTO15STD	15		1	MC099	O.K.
Q3888	M65925-1	M063	MS13877	VTO15STD	7		1	MC096	Re-run 20X
Q3889	M65926-1	M139	MS13877	VTO15STD	8		1	MC046	Reanalyze; possible carry over
Q3890	BLK	M215	MS13877	VTO15SL	8		1	NA	ND
Q3891	M65926-1	M139	MS13877	VTO15STD	8		1	MC046	Confirms original run
Q3892	M65925-1	M063	MS13877	VTO15STD	7		20	MC096	Report with Q3888.D
Q3893	M65924-2	M176	MS13877	VTO15STD	6		100	MC118	Re-run 1000X
Q3894	M65924-2	M176	MS13877	VTO15STD	6		1000	MC118	Report with Q3893.D
Q3895	M65960-1	M006	MS13877	VTO15STD	1		1	MC029	O.K.
Q3896	M65960-2	M096	MS13877	VTO15STD	2		1	MC044	O.K.
Q3897	M66000-2	M020	MS13877	VTO15STD	3		1	MC104	Outside clock; re-run.
Q3898	BLK	M026	MS13877	VTO15SL	4		1	NA	ND
Q3899	M66023-1	M130	MS13877	VTO15SL	5		1	MC090	Outside clock; re-run.
Q3900	BLK	M055	MS13877	VTO15SL	6		1	NA	ND
Q3901	M66023-2	M149	MS13877	VTO15SL	7		1	MC055	Outside clock; re-run.
Q3902	BLK	M052	MS13877	VTO15SL	8		1	NA	ND
Q3903	M66024-1	M094	MS13877	VTO15SL	9		1	MC101	Outside clock; re-run.
Q3904	BLK	M143	MS13877	VTO15SL	10		1	NA	ND
Q3905	BLK	M143	MS13877	VTO15SL	10		1	NA	ND