New England ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

07/12/07

Technical Report for

GEI Consultants, Inc.

Indoor & Outdoor Air Samples Tufts St., Somerville MA

045162

Accutest Job Number: M65960

Sampling Date: 06/28/07

Report to:

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

ATTN: Raymond Siegener, Ph.D.

Total number of pages in report: **572**

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: M65960

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

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
M65960-1	06/28/07	13:53	SLS	06/29/07	AIR	Air	045162-97RFRANK-1
M65960-2	06/28/07	14:10	SLS	06/29/07	AIR	Air	045162-97RFRANK-B

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	GEI Consultants, Inc.	**Job No**	M65960
Site:	Indoor & Outdoor Air Samples Tufts St., Somerville MA	**Report Date**	7/11/2007 11:17:03 AM

2 Sample(s) were collected on 06/28/2007 and were received at Accutest on 06/29/2007. These Samples received an Accutest job number of M65960. 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(M65960).

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID: 045162-97RFRANK-1
Lab Sample ID: M65960-1 **Date Sampled:** 06/28/07
Matrix: AIR - Air Summa ID: M006 **Date Received:** 06/29/07
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	Q3895.D	1	07/03/07	PB	n/a	n/a	MSQ209
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	64.52	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
56-23-5	153.8	Carbon tetrachloride	0.18	0.20	ppbv	J	1.1	1.3	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	0.077	0.20	ppbv	J	0.42	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.20	ppbv		ND	1.4	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	89%		57-139%

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-97RFRANK-B		
Lab Sample ID:	M65960-2	**Date Sampled:**	06/28/07
Matrix:	AIR - Air Summa ID: M096	**Date Received:**	06/29/07
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	Q3896.D	1	07/03/07	PB	n/a	n/a	MSQ209
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	64.52	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
56-23-5	153.8	Carbon tetrachloride	0.25	0.20	ppbv		1.6	1.3	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.20	ppbv		ND	1.4	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	91%		57-139%

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

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

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

ACCUTEST Laboratories

CHAIN OF CUSTODY

Air Sampling Field Data Sheet

FED-EX Tracking #: | Bottle Order Control #: | Lab Quote #: | Lab Job #: M65960

PAGE ___ OF ___

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: 84.9 Maximum: Stop: 96.8 Minimum:
Atmospheric Pressure (inches of Hg) Start: ~~29.88~~ 29.88 Maximum: Stop: 29.84 Minimum:
Other weather comment: HOT

Requested Analysis

Lab Sample #	Field ID / Point of Collection	Air Type: Indoor(I) Sol Vap(SV) Ambient(A)	Sampling Equipment Info: Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Start Sampling Information: Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Stop Sampling Information: Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Standard TO-15 Reporting List	MA DEP APH
-1	045162-97RFrank-1	I	M0016	6L	MFC029	6/28/07	946	30	86.4	SLS	6/28/07	1353	5	91.2	SLS		
-2	045162-97RFrank-B	I	M0916	6L	MC044	6/28/07	948	30	80.9	SLS	6/28/07	1410	5	83.3	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	6/28/07 0830	2 H. Ballantyne
3 Samantha Slater	6/28/07 1830	3 GEI Lab	4 Mark Ensign	6/29/07 2:34 p.m	4 Kya Takeokhan
5 Kya Takeokhan	6/29/07 3:57 p.m	5 Kya Takeokhan	Custody Seals		

SM003-01 (3/14/06)

4.1

4

M65960: Chain of Custody
Page 1 of 2

Indoor
~~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: M65960
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA
Received: 06/29/07

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
M006	6	29.4	06/26/07	PB	CP435	J10750.D	M65960-1	07/03/07	PB	4		-2	1
M096	6	29.4	06/26/07	PB	CP435	J10750.D	M65960-2	07/03/07	PB	2		-1	1

FLOW CONTROLLERS

Shipping					Receiving		
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min
MC029	06/04/07	PB	20	4	07/02/07	DFT	20.3
MC044	06/04/07	PB	20	4	07/02/07	DFT	20.5

Accutest Bottle Order(s):
PB/6-26-07/GEI/TUFTS ST.
PB/6-4-07/GEI/TUFTS ST.

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

Internal Sample Tracking Chronicle

GEI Consultants, Inc.

Job No: M65960

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

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M65960-1	Collected: 28-JUN-07 13:53 By: SLS		Received: 29-JUN-07 By: RS			
045162-97RFRANK-1						
M65960-1	TO-15	03-JUL-07 18:30	PB			VTO15STD
M65960-2	Collected: 28-JUN-07 14:10 By: SLS		Received: 29-JUN-07 By: RS			
045162-97RFRANK-B						
M65960-2	TO-15	03-JUL-07 19:13	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: M65960
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

M65960-1, M65960-2

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: M65960
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
MSJ556-MB	J10740.D	1	06/22/07	DFT	n/a	n/a	MSJ556

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

MSJ556-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	88%	57-139%

Method Blank Summary

Job Number: M65960
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
MSQ204-MB	Q3806.D	1	06/26/07	PB	n/a	n/a	MSQ204

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

MSQ204-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	87%	57-139%

Blank Spike Summary

Job Number: M65960
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

M65960-1, M65960-2

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: M65960
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
MSJ556-BS	J10737B.D	1	06/22/07	DFT	n/a	n/a	MSJ556

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

MSJ556-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	12.6	126	70-130
56-23-5	Carbon tetrachloride	10	11.4	114	70-130
75-34-3	1,1-Dichloroethane	10	10.6	106	70-130
75-35-4	1,1-Dichloroethylene	10	11.2	112	70-130
107-06-2	1,2-Dichloroethane	10	10.1	101	70-130
156-60-5	trans-1,2-Dichloroethylene	10	11.0	110	70-130
156-59-2	cis-1,2-Dichloroethylene	10	10.1	101	70-130
71-55-6	1,1,1-Trichloroethane	10	11.0	110	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	9.8	98	70-130
79-00-5	1,1,2-Trichloroethane	10	10.3	103	70-130
127-18-4	Tetrachloroethylene	10	10.0	100	70-130
79-01-6	Trichloroethylene	10	10.4	104	70-130
75-01-4	Vinyl chloride	10	12.8	128	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	108%	57-139%

Blank Spike Summary

Job Number: M65960
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
MSQ204-BS	Q3805A.D	1	06/25/07	PB	n/a	n/a	MSQ204

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

MSQ204-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	8.3	83	70-130
56-23-5	Carbon tetrachloride	10	7.3	73	70-130
75-34-3	1,1-Dichloroethane	10	9.5	95	70-130
75-35-4	1,1-Dichloroethylene	10	8.5	85	70-130
107-06-2	1,2-Dichloroethane	10	7.8	78	70-130
156-60-5	trans-1,2-Dichloroethylene	10	8.7	87	70-130
156-59-2	cis-1,2-Dichloroethylene	10	9.4	94	70-130
71-55-6	1,1,1-Trichloroethane	10	7.2	72	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	10.9	109	70-130
79-00-5	1,1,2-Trichloroethane	10	9.6	96	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	7.6	76	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	81%	57-139%

Duplicate Summary

Job Number: M65960
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

M65960-1, M65960-2

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: M65960
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
MSJ556-SCC	J10747.D	1	06/23/07	DFT	n/a	n/a	MSJ556

The QC reported here (Summa M096) applies to the following samples: **Method:** TO-15

Batch CP435 cleaned 06/20/07: M65960-2(M096)

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

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

Summa Cleaning Certification

Job Number: M65960
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
MSQ204-SCC	Q3807.D	1	06/26/07	PB	n/a	n/a	MSQ204

The QC reported here (Summa M006) applies to the following samples: **Method:** TO-15

Batch CP435 cleaned 06/20/07: M65960-1(M006)

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

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

Instrument Performance Check (BFB)

Job Number: M65960
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSJ556-BFB
Lab File ID: J10728.D
Instrument ID: GCMSJ
Injection Date: 06/22/07
Injection Time: 09:26

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	59480	19.4		Pass
75	30.0 - 66.0% of mass 95	151658	49.4		Pass
95	Base peak, 100% relative abundance	306880	100.0		Pass
96	5.0 - 9.0% of mass 95	20376	6.6		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	318656	103.8		Pass
175	4.0 - 9.0% of mass 174	18645	6.1	(5.9) [a]	Pass
176	93.0 - 101.0% of mass 174	309397	100.8	(97.1) [a]	Pass
177	5.0 - 9.0% of mass 176	20154	6.6	(6.5) [b]	Pass

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSJ556-IC556	J10728.D	06/22/07	09:26	00:00	Initial cal 0.5
MSJ556-IC556	J10729.D	06/22/07	10:16	00:50	Initial cal 0.2
MSJ556-IC556	J10731.D	06/22/07	11:55	02:29	Initial cal 40
MSJ556-IC556	J10732.D	06/22/07	12:44	03:18	Initial cal 20
MSJ556-ICC556	J10733.D	06/22/07	13:31	04:05	Initial cal 10
MSJ556-IC556	J10734.D	06/22/07	14:21	04:55	Initial cal 5
MSJ556-IC556	J10736.D	06/22/07	16:24	06:58	Initial cal 2
MSJ556-ICV556	J10737.D	06/22/07	17:13	07:47	Initial cal verification 10

Instrument Performance Check (BFB)

Job Number: M65960
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSJ556-BFB
Lab File ID: J10737A.D
Instrument ID: GCMSJ
Injection Date: 06/22/07
Injection Time: 17:13

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	42528	19.0		Pass
75	30.0 - 66.0% of mass 95	111533	49.8		Pass
95	Base peak, 100% relative abundance	223936	100.0		Pass
96	5.0 - 9.0% of mass 95	15347	6.9		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	234048	104.5		Pass
175	4.0 - 9.0% of mass 174	13928	6.2	(6.0) [a]	Pass
176	93.0 - 101.0% of mass 174	222656	99.4	(95.1) [a]	Pass
177	5.0 - 9.0% of mass 176	14792	6.6	(6.6) [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
MSJ556-CC556	J10737A.D	06/22/07	17:13	00:00	Continuing cal 10
MSJ556-BS	J10737B.D	06/22/07	17:13	00:00	Blank Spike
MSJ556-MB	J10740.D	06/22/07	19:46	02:33	Method Blank
MSJ556-SCC	J10740A.D	06/22/07	19:46	02:33	Summa Cleaning Certification
MSJ556-SCC	J10741.D	06/22/07	20:35	03:22	Summa Cleaning Certification
MSJ556-SCC	J10742.D	06/22/07	21:24	04:11	Summa Cleaning Certification
MSJ556-SCC	J10743.D	06/22/07	22:11	04:58	Summa Cleaning Certification
MSJ556-SCC	J10744.D	06/22/07	23:00	05:47	Summa Cleaning Certification
MSJ556-SCC	J10745.D	06/22/07	23:49	06:36	Summa Cleaning Certification
MSJ556-SCC	J10747.D	06/23/07	01:26	08:13	Summa Cleaning Certification
MSJ556-SCC	J10748.D	06/23/07	02:15	09:02	Summa Cleaning Certification
MSJ556-SCC	J10750.D	06/23/07	03:52	10:39	Summa Cleaning Certification
M65607-2	J10751.D	06/23/07	04:39	11:26	(used for QC only; not part of job M65960)
M65607-2DUP	J10752.D	06/23/07	05:27	12:14	Duplicate
ZZZZZZ	J10753.D	06/23/07	06:15	13:02	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: M65960
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ204-BFB
Lab File ID: Q3798.D
Instrument ID: GCMSQ
Injection Date: 06/25/07
Injection Time: 15:58

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	29336	23.8		Pass
75	30.0 - 66.0% of mass 95	60680	49.2		Pass
95	Base peak, 100% relative abundance	123376	100.0		Pass
96	5.0 - 9.0% of mass 95	7938	6.4		Pass
173	Less than 2.0% of mass 174	655	0.53	(0.83) [a]	Pass
174	50.0 - 120.0% of mass 95	79144	64.1		Pass
175	4.0 - 9.0% of mass 174	5865	4.8	(7.4) [a]	Pass
176	93.0 - 101.0% of mass 174	75640	61.3	(95.6) [a]	Pass
177	5.0 - 9.0% of mass 176	5522	4.5	(7.3) [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
MSQ204-IC204	Q3798.D	06/25/07	15:58	00:00	Initial cal 40
MSQ204-IC204	Q3799.D	06/25/07	16:41	00:43	Initial cal 20
MSQ204-IC204	Q3800.D	06/25/07	17:22	01:24	Initial cal 10
MSQ204-ICC204	Q3801.D	06/25/07	18:05	02:07	Initial cal 5
MSQ204-IC204	Q3802.D	06/25/07	18:49	02:51	Initial cal 2
MSQ204-IC204	Q3803.D	06/25/07	19:33	03:35	Initial cal .5
MSQ204-IC204	Q3804.D	06/25/07	20:17	04:19	Initial cal .2
MSQ204-ICV204	Q3805.D	06/25/07	21:01	05:03	Initial cal verification 10
MSQ204-BS	Q3805A.D	06/25/07	21:01	05:03	Blank Spike
MSQ204-MB	Q3806.D	06/26/07	09:04	17:06	Method Blank
MSQ204-SCC	Q3806A.D	06/26/07	09:04	17:06	Summa Cleaning Certification
MSQ204-SCC	Q3807.D	06/26/07	09:48	17:50	Summa Cleaning Certification
MSQ204-SCC	Q3808.D	06/26/07	10:32	18:34	Summa Cleaning Certification
MSQ204-SCC	Q3809.D	06/26/07	11:14	19:16	Summa Cleaning Certification
MSQ204-SCC	Q3810.D	06/26/07	12:00	20:02	Summa Cleaning Certification
MSQ204-SCC	Q3811.D	06/26/07	12:44	20:46	Summa Cleaning Certification
MSQ204-SCC	Q3812.D	06/26/07	13:31	21:33	Summa Cleaning Certification
MSQ204-SCC	Q3813.D	06/26/07	14:18	22:20	Summa Cleaning Certification

Instrument Performance Check (BFB)

Job Number: M65960
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: M65960
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 M65960)
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)
ZZZZZZ	Q3893.D	07/03/07	17:05	21:27	(unrelated sample)
ZZZZZZ	Q3894.D	07/03/07	17:48	22:10	(unrelated sample)
M65960-1	Q3895.D	07/03/07	18:30	22:52	045162-97RFRANK-1
M65960-2	Q3896.D	07/03/07	19:13	23:35	045162-97RFRANK-B

Volatile Internal Standard Area Summary

Job Number: M65960
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Check Std:	MSJ556-CC556	**Injection Date:**	06/22/07
Lab File ID:	J10737A.D	**Injection Time:**	17:13
Instrument ID:	GCMSJ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	320244	8.64	1347074	10.45	1210672	14.68
Upper Limit [a]	448342	8.97	1885904	10.78	1694941	15.01
Lower Limit [b]	192146	8.31	808244	10.12	726403	14.35

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSJ556-BS	320244	8.64	1347074	10.45	1210672	14.68
MSJ556-MB	309814	8.63	1237988	10.44	1037522	14.67
MSJ556-SCC	309814	8.63	1237988	10.44	1037522	14.67
MSJ556-SCC	340983	8.63	1392220	10.44	1217060	14.67
MSJ556-SCC	348805	8.62	1450268	10.43	1244889	14.66
MSJ556-SCC	311401	8.63	1199704	10.44	997314	14.67
MSJ556-SCC	345969	8.63	1435737	10.44	1258559	14.67
MSJ556-SCC	349658	8.63	1441702	10.44	1243455	14.67
MSJ556-SCC	326532	8.63	1256544	10.44	1077231	14.67
MSJ556-SCC	299184	8.63	1119863	10.44	918976	14.67
MSJ556-SCC	333796	8.62	1258080	10.43	1045531	14.66
M65607-2	375162	8.62	1571746	10.44	1372039	14.67
M65607-2DUP	300047	8.63	1082647	10.44	911273	14.67
ZZZZZZ	324945	8.63	1285765	10.44	1086392	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.

Volatile Internal Standard Area Summary

Job Number: M65960
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Check Std:	MSQ204-ICC204	**Injection Date:**	06/25/07
Lab File ID:	Q3801.D	**Injection Time:**	18:05
Instrument ID:	GCMSQ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	127986	8.64	621778	10.46	538848	14.71
Upper Limit [a]	179180	8.97	870489	10.79	754387	15.04
Lower Limit [b]	76792	8.31	373067	10.13	323309	14.38

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSQ204-BS	122718	8.64	586931	10.46	501328	14.71
MSQ204-MB	141930	8.63	651142	10.46	537851	14.70
MSQ204-SCC	141930	8.63	651142	10.46	537851	14.70
MSQ204-SCC	114830	8.64	517626	10.46	429723	14.70
MSQ204-SCC	139320	8.63	642014	10.46	536854	14.71
MSQ204-SCC	118499	8.64	557528	10.46	467133	14.71
MSQ204-SCC	117528	8.64	548047	10.46	455653	14.71
MSQ204-SCC	124909	8.64	587076	10.46	487657	14.71
MSQ204-SCC	117747	8.64	568140	10.47	469353	14.71
MSQ204-SCC	115256	8.63	524779	10.46	434967	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: M65960
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: M65960
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
ZZZZZZ	92246	8.63	424465	10.46	350011	14.71
ZZZZZZ	84071	8.63	392627	10.46	316369	14.70
M65960-1	91608	8.63	427140	10.46	363541	14.70
M65960-2	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: M65960
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	Reporting this level
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	
MSJ556-IC556	J10736.D	06/22/07 16:24	DFT	2	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	0.659	0.599-0.719
1,3-Butadiene	4.60	8.62	0.534	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	15.39	14.67	1.049	ok	1.050	0.990-1.110
Bromomethane	4.87	8.62	0.565	ok	0.564	0.504-0.624
Bromoethene	5.39	8.62	0.625	ok	0.625	0.565-0.685
Benzyl Chloride	17.89	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.86	8.62	0.796	ok	0.795	0.735-0.855
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	4.25	8.62	0.493	ok	0.492	0.432-0.552
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	10.38	10.44	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	13.57	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	11.27	10.44	1.080	ok	1.073	1.013-1.133
Dichlorodifluoromethane	4.08	8.62	0.473	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	17.97	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	5.31	8.62	0.616	ok	0.610	0.550-0.670
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.73	8.62	1.013	ok	1.009	0.949-1.069
4-Ethyltoluene	17.17	14.67	1.170	ok	1.171	1.111-1.231
Freon 113	6.80	8.62	0.789	ok	0.788	0.728-0.848
Freon 114	4.34	8.62	0.503	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	1.414	1.354-1.474
Hexane	8.64	8.62	1.002	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65960
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	Reporting this level
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	
MSJ556-IC556	J10736.D	06/22/07 16:24	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.22	14.67	0.901	ok	0.899	0.839-0.959
Isopropylbenzene	16.42	14.67	1.119	ok	1.119	1.059-1.179
Isopropyl Alcohol	6.08	8.62	0.705	ok	0.698	0.638-0.758
Methylene chloride	6.55	8.62	0.760	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.12	8.62	0.942	ok	0.940	0.880-1.000
Methyl Isobutyl Ketone	12.03	10.44	1.152	ok	1.150	1.090-1.210
Methyl Tert Butyl Ether	7.78	8.62	0.903	ok	0.899	0.839-0.959
Nonane	15.97	14.67	1.089	ok	1.088	1.028-1.148
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
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	1.122	1.062-1.182
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	20.28	14.67	1.382	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.72	14.67	1.208	ok	1.207	1.147-1.267
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	6.67	8.62	0.774	ok	0.767	0.707-0.827
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.25	8.62	1.073	ok	1.066	1.006-1.126
Toluene	12.89	10.44	1.235	ok	1.234	1.174-1.294
Trichloroethylene	11.12	10.44	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
Vinyl Acetate	7.82	8.62	0.907	ok	0.906	0.846-0.966
m,p-Xylene	15.27	14.67	1.041	ok	1.041	0.981-1.101
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	407073	ok	371806	223084-520528
1,4-Difluorobenzene	10.44	ok	10.45	10.12-10.78	1800368	ok	1591757	955054-2228460
Chlorobenzene-D5	14.67	ok	14.68	14.35-15.01	1560130	ok	1368229	820937-1915521

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65960
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	Reporting this level
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	
MSJ556-IC556	J10736.D	06/22/07 16:24	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.75	8.63	0.666	ok	0.659	0.599-0.719
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	15.39	14.67	1.049	ok	1.050	0.990-1.110
Bromomethane	4.88	8.63	0.565	ok	0.564	0.504-0.624
Bromoethene	5.40	8.63	0.626	ok	0.625	0.565-0.685
Carbon disulfide	6.86	8.63	0.795	ok	0.795	0.735-0.855
Chlorobenzene	14.71	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	8.74	8.63	1.013	ok	1.014	0.954-1.074
Chloromethane	4.25	8.63	0.492	ok	0.492	0.432-0.552
Carbon tetrachloride	10.26	8.63	1.189	ok	1.189	1.129-1.249
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
Dichlorodifluoromethane	4.08	8.63	0.473	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	7.47	8.63	0.866	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.63	0.980	ok	0.981	0.921-1.041
Ethyl Acetate	8.64	8.63	1.001	ok	1.009	0.949-1.069
Freon 113	6.80	8.63	0.788	ok	0.788	0.728-0.848
Freon 114	4.34	8.63	0.503	ok	0.502	0.442-0.562
Hexachlorobutadiene	20.76	14.67	1.415	ok	1.414	1.354-1.474
Hexane	8.63	8.63	1.000	ok	1.001	0.941-1.061
Methylene chloride	6.56	8.63	0.760	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.17	8.63	0.947	ok	0.940	0.880-1.000
Methyl Tert Butyl Ether	7.81	8.63	0.905	ok	0.899	0.839-0.959
Pentane	6.15	8.63	0.713	ok	0.712	0.652-0.772
1,1,1-Trichloroethane	9.68	8.63	1.122	ok	1.122	1.062-1.182
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
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
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	5.81	8.63	0.673	ok	0.672	0.612-0.732
Vinyl chloride	4.46	8.63	0.517	ok	0.516	0.456-0.576
Vinyl Acetate	7.84	8.63	0.908	ok	0.906	0.846-0.966
m,p-Xylene	15.28	14.67	1.042	ok	1.041	0.981-1.101

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65960
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	Reporting this level
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	
MSJ556-IC556	J10736.D	06/22/07 16:24	DFT	2	GCMSJ	TO-15	

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	376183	ok	371806	223084-520528
1,4-Difluorobenzene	10.44	ok	10.45	10.12-10.78	1706067	ok	1591757	955054-2228460
Chlorobenzene-D5	14.67	ok	14.68	14.35-15.01	1365497	ok	1368229	820937-1915521

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65960
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	Reporting this level
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	
MSJ556-IC556	J10736.D	06/22/07 16:24	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	0.659	0.599-0.719
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	15.45	14.70	1.051	ok	1.050	0.990-1.110
Bromomethane	4.86	8.64	0.562	ok	0.564	0.504-0.624
Bromoethene	5.38	8.64	0.623	ok	0.625	0.565-0.685
Benzyl Chloride	17.91	14.70	1.218	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.64	0.793	ok	0.795	0.735-0.855
Chlorobenzene	14.75	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	8.76	8.64	1.014	ok	1.014	0.954-1.074
Chloromethane	4.24	8.64	0.491	ok	0.492	0.432-0.552
3-Chloropropene	6.66	8.64	0.771	ok	0.772	0.712-0.832
2-Chlorotoluene	17.01	14.70	1.157	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	11.22	10.47	1.072	ok	1.073	1.013-1.133
Dichlorodifluoromethane	4.07	8.64	0.471	ok	0.472	0.412-0.532
Dibromochloromethane	13.37	14.70	0.910	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	11.97	10.47	1.143	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.92	14.70	1.219	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.39	14.70	1.251	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	12.48	10.47	1.192	ok	1.192	1.132-1.252
Ethanol	5.25	8.64	0.608	ok	0.610	0.550-0.670
Ethylbenzene	15.12	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.73	8.64	1.010	ok	1.009	0.949-1.069
4-Ethyltoluene	17.19	14.70	1.169	ok	1.171	1.111-1.231
Freon 113	6.79	8.64	0.786	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	1.414	1.354-1.474
Hexane	8.64	8.64	1.000	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65960
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	Reporting this level
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	
MSJ556-IC556	J10736.D	06/22/07 16:24	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.22	14.70	0.899	ok	0.899	0.839-0.959
Isopropylbenzene	16.46	14.70	1.120	ok	1.119	1.059-1.179
Isopropyl Alcohol	6.08	8.64	0.704	ok	0.698	0.638-0.758
Methylene chloride	6.55	8.64	0.758	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.11	8.64	0.939	ok	0.940	0.880-1.000
Methyl Isobutyl Ketone	12.04	10.47	1.150	ok	1.150	1.090-1.210
Methyl Tert Butyl Ether	7.74	8.64	0.896	ok	0.899	0.839-0.959
Nonane	15.99	14.70	1.088	ok	1.088	1.028-1.148
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	9.69	8.64	1.122	ok	1.122	1.062-1.182
1,1,2,2-Tetrachloroethane	15.84	14.70	1.078	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.67	10.47	1.210	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	1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.28	14.70	1.176	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	6.68	8.64	0.773	ok	0.767	0.707-0.827
Tetrachloroethylene	14.03	14.70	0.954	ok	0.955	0.895-1.015
Tetrahydrofuran	9.19	8.64	1.064	ok	1.066	1.006-1.126
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	5.79	8.64	0.670	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	0.906	0.846-0.966
m,p-Xylene	15.31	14.70	1.041	ok	1.041	0.981-1.101
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	344414	ok	371806	223084-520528
1,4-Difluorobenzene	10.47	ok	10.45	10.12-10.78	1429822	ok	1591757	955054-2228460
Chlorobenzene-D5	14.70	ok	14.68	14.35-15.01	1373956	ok	1368229	820937-1915521

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65960
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	Reporting this level
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	
MSJ556-IC556	J10736.D	06/22/07 16:24	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.67	8.64	0.656	ok	0.659	0.599-0.719
1,3-Butadiene	4.60	8.64	0.532	ok	0.532	0.472-0.592
Benzene	10.14	10.46	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.11	10.46	1.062	ok	1.062	1.002-1.122
Bromoform	15.42	14.69	1.050	ok	1.050	0.990-1.110
Bromomethane	4.87	8.64	0.564	ok	0.564	0.504-0.624
Bromoethene	5.39	8.64	0.624	ok	0.625	0.565-0.685
Benzyl Chloride	17.90	14.69	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.86	8.64	0.794	ok	0.795	0.735-0.855
Chlorobenzene	14.73	14.69	1.003	ok	1.003	0.943-1.063
Chloroethane	5.04	8.64	0.583	ok	0.583	0.523-0.643
Chloroform	8.76	8.64	1.014	ok	1.014	0.954-1.074
Chloromethane	4.24	8.64	0.491	ok	0.492	0.432-0.552
3-Chloropropene	6.67	8.64	0.772	ok	0.772	0.712-0.832
2-Chlorotoluene	16.99	14.69	1.157	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	10.46	0.992	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	6.44	8.64	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.59	14.69	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.47	8.64	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	11.20	10.46	1.071	ok	1.073	1.013-1.133
Dichlorodifluoromethane	4.08	8.64	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.35	14.69	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	11.95	10.46	1.142	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.92	14.69	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.38	14.69	1.251	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.99	14.69	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.46	10.46	1.191	ok	1.192	1.132-1.252
Ethanol	5.25	8.64	0.608	ok	0.610	0.550-0.670
Ethylbenzene	15.11	14.69	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.71	8.64	1.008	ok	1.009	0.949-1.069
4-Ethyltoluene	17.27	14.69	1.176	ok	1.171	1.111-1.231
Freon 113	6.80	8.64	0.787	ok	0.788	0.728-0.848
Freon 114	4.34	8.64	0.502	ok	0.502	0.442-0.562
Heptane	11.37	10.46	1.087	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.69	1.413	ok	1.414	1.354-1.474
Hexane	8.64	8.64	1.000	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65960
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	Reporting this level
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	
MSJ556-IC556	J10736.D	06/22/07 16:24	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	14.69	0.899	ok	0.899	0.839-0.959
Isopropylbenzene	16.44	14.69	1.119	ok	1.119	1.059-1.179
Isopropyl Alcohol	6.03	8.64	0.698	ok	0.698	0.638-0.758
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	0.940	0.880-1.000
Methyl Isobutyl Ketone	12.03	10.46	1.150	ok	1.150	1.090-1.210
Methyl Tert Butyl Ether	7.74	8.64	0.896	ok	0.899	0.839-0.959
Nonane	15.98	14.69	1.088	ok	1.088	1.028-1.148
Pentane	6.15	8.64	0.712	ok	0.712	0.652-0.772
Propylene	4.01	8.64	0.464	ok	0.464	0.404-0.524
Styrene	15.69	14.69	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.69	8.64	1.122	ok	1.122	1.062-1.182
1,1,2,2-Tetrachloroethane	15.82	14.69	1.077	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.65	10.46	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.27	14.69	1.380	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.73	14.69	1.207	ok	1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.27	14.69	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.13	10.46	1.064	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.63	8.64	0.767	ok	0.767	0.707-0.827
Tetrachloroethylene	14.02	14.69	0.954	ok	0.955	0.895-1.015
Tetrahydrofuran	9.19	8.64	1.064	ok	1.066	1.006-1.126
Toluene	12.90	10.46	1.233	ok	1.234	1.174-1.294
Trichloroethylene	11.13	10.46	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	4.46	8.64	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.82	8.64	0.905	ok	0.906	0.846-0.966
m,p-Xylene	15.29	14.69	1.041	ok	1.041	0.981-1.101
o-Xylene	15.80	14.69	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	347194	ok	371806	223084-520528
1,4-Difluorobenzene	10.46	ok	10.45	10.12-10.78	1342564	ok	1591757	955054-2228460
Chlorobenzene-D5	14.69	ok	14.68	14.35-15.01	1160072	ok	1368229	820937-1915521

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65960
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	Reporting this level
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	
MSJ556-IC556	J10736.D	06/22/07 16:24	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.67	8.63	0.657	ok	0.659	0.599-0.719
1,3-Butadiene	4.60	8.63	0.533	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	15.41	14.68	1.050	ok	1.050	0.990-1.110
Bromomethane	4.87	8.63	0.564	ok	0.564	0.504-0.624
Bromoethene	5.40	8.63	0.626	ok	0.625	0.565-0.685
Benzyl Chloride	17.89	14.68	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.86	8.63	0.795	ok	0.795	0.735-0.855
Chlorobenzene	14.72	14.68	1.003	ok	1.003	0.943-1.063
Chloroethane	5.04	8.63	0.584	ok	0.583	0.523-0.643
Chloroform	8.75	8.63	1.014	ok	1.014	0.954-1.074
Chloromethane	4.24	8.63	0.491	ok	0.492	0.432-0.552
3-Chloropropene	6.67	8.63	0.773	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	10.37	10.45	0.992	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.67	8.63	0.889	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.44	8.63	0.746	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	9.46	8.63	1.096	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	11.19	10.45	1.071	ok	1.073	1.013-1.133
Dichlorodifluoromethane	4.08	8.63	0.473	ok	0.472	0.412-0.532
Dibromochloromethane	13.34	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	17.91	14.68	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.37	14.68	1.251	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	10.45	1.191	ok	1.192	1.132-1.252
Ethanol	5.26	8.63	0.610	ok	0.610	0.550-0.670
Ethylbenzene	15.10	14.68	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.71	8.63	1.009	ok	1.009	0.949-1.069
4-Ethyltoluene	17.17	14.68	1.170	ok	1.171	1.111-1.231
Freon 113	6.80	8.63	0.788	ok	0.788	0.728-0.848
Freon 114	4.34	8.63	0.503	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	1.414	1.354-1.474
Hexane	8.64	8.63	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65960
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	Reporting this level
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	
MSJ556-IC556	J10736.D	06/22/07 16:24	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	16.43	14.68	1.119	ok	1.119	1.059-1.179
Isopropyl Alcohol	6.01	8.63	0.696	ok	0.698	0.638-0.758
Methylene chloride	6.56	8.63	0.760	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.09	8.63	0.937	ok	0.940	0.880-1.000
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	0.899	0.839-0.959
Nonane	15.98	14.68	1.089	ok	1.088	1.028-1.148
Pentane	6.15	8.63	0.713	ok	0.712	0.652-0.772
Propylene	4.01	8.63	0.465	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	9.69	8.63	1.123	ok	1.122	1.062-1.182
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	17.72	14.68	1.207	ok	1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.26	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	0.767	0.707-0.827
Tetrachloroethylene	14.02	14.68	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.19	8.63	1.065	ok	1.066	1.006-1.126
Toluene	12.90	10.45	1.234	ok	1.234	1.174-1.294
Trichloroethylene	11.12	10.45	1.064	ok	1.064	1.004-1.124
Trichlorofluoromethane	5.81	8.63	0.673	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	0.906	0.846-0.966
m,p-Xylene	15.28	14.68	1.041	ok	1.041	0.981-1.101
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	393924	ok	371806	223084-520528
1,4-Difluorobenzene	10.45	ok	10.45	10.12-10.78	1684327	ok	1591757	955054-2228460
Chlorobenzene-D5	14.68	ok	14.68	14.35-15.01	1430596	ok	1368229	820937-1915521

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65960
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	Reporting this level
MSJ556-IC556	J10736.D	06/22/07 16:24	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.67	8.62	0.658	ok	0.659	0.599-0.719
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	11.09	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	4.86	8.62	0.564	ok	0.564	0.504-0.624
Bromoethene	5.39	8.62	0.625	ok	0.625	0.565-0.685
Benzyl Chloride	17.89	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.62	0.795	ok	0.795	0.735-0.855
Chlorobenzene	14.72	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	0.492	0.432-0.552
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	13.58	14.67	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	10.44	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	4.07	8.62	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	7.45	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	17.90	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	12.44	10.44	1.192	ok	1.192	1.132-1.252
Ethanol	5.25	8.62	0.609	ok	0.610	0.550-0.670
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	17.17	14.67	1.170	ok	1.171	1.111-1.231
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	11.36	10.44	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.67	1.415	ok	1.414	1.354-1.474
Hexane	8.63	8.62	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65960
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	Reporting this level
MSJ556-IC556	J10736.D	06/22/07 16:24	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	1.119	1.059-1.179
Isopropyl Alcohol	5.97	8.62	0.693	ok	0.698	0.638-0.758
Methylene chloride	6.55	8.62	0.760	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.08	8.62	0.937	ok	0.940	0.880-1.000
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	0.899	0.839-0.959
Nonane	15.97	14.67	1.089	ok	1.088	1.028-1.148
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	1.122	1.062-1.182
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	1.207	1.147-1.267
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	6.56	8.62	0.761	ok	0.767	0.707-0.827
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.19	8.62	1.066	ok	1.066	1.006-1.126
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	8.62	0.673	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	0.906	0.846-0.966
m,p-Xylene	15.27	14.67	1.041	ok	1.041	0.981-1.101
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	369647	ok	371806	223084-520528
1,4-Difluorobenzene	10.44	ok	10.45	10.12-10.78	1607025	ok	1591757	955054-2228460
Chlorobenzene-D5	14.67	ok	14.68	14.35-15.01	1336832	ok	1368229	820937-1915521

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65960
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	
MSJ556-IC556	J10736.D	06/22/07 16:24	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	5.68	8.62	0.659	ok	0.659	0.599-0.719
1,3-Butadiene	4.58	8.62	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	15.39	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	5.39	8.62	0.625	ok	0.625	0.565-0.685
Benzyl Chloride	17.89	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.62	0.795	ok	0.795	0.735-0.855
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	0.492	0.432-0.552
3-Chloropropene	6.67	8.62	0.774	ok	0.772	0.712-0.832
2-Chlorotoluene	16.98	14.67	1.157	ok	1.157	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	6.42	8.62	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	9.45	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	11.21	10.44	1.074	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	0.909	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	17.97	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	5.26	8.62	0.610	ok	0.610	0.550-0.670
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	17.17	14.67	1.170	ok	1.171	1.111-1.231
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	11.36	10.44	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.67	1.415	ok	1.414	1.354-1.474
Hexane	8.64	8.62	1.002	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65960
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	
MSJ556-IC556	J10736.D	06/22/07 16:24	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	13.18	14.67	0.898	ok	0.899	0.839-0.959
Isopropylbenzene	16.42	14.67	1.119	ok	1.119	1.059-1.179
Isopropyl Alcohol	5.98	8.62	0.694	ok	0.698	0.638-0.758
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	0.940	0.880-1.000
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	0.899	0.839-0.959
Nonane	15.97	14.67	1.089	ok	1.088	1.028-1.148
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	15.66	14.67	1.067	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.68	8.62	1.123	ok	1.122	1.062-1.182
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	17.71	14.67	1.207	ok	1.207	1.147-1.267
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	6.58	8.62	0.763	ok	0.767	0.707-0.827
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.19	8.62	1.066	ok	1.066	1.006-1.126
Toluene	12.88	10.44	1.234	ok	1.234	1.174-1.294
Trichloroethylene	11.12	10.44	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	4.45	8.62	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.80	8.62	0.905	ok	0.906	0.846-0.966
m,p-Xylene	15.28	14.67	1.042	ok	1.041	0.981-1.101
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	364210	ok	371806	223084-520528
1,4-Difluorobenzene	10.44	ok	10.45	10.12-10.78	1572129	ok	1591757	955054-2228460
Chlorobenzene-D5	14.67	ok	14.68	14.35-15.01	1350522	ok	1368229	820937-1915521

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65960
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	
MSQ204-IC204	Q3798.D	06/25/07 15:58	PB	40	GCMSQ	TO-15	Reporting this level
MSQ204-IC204	Q3799.D	06/25/07 16:41	PB	20	GCMSQ	TO-15	
MSQ204-IC204	Q3800.D	06/25/07 17:22	PB	10	GCMSQ	TO-15	
MSQ204-ICC204	Q3801.D	06/25/07 18:05	PB	5	GCMSQ	TO-15	
MSQ204-IC204	Q3802.D	06/25/07 18:49	PB	2	GCMSQ	TO-15	
MSQ204-IC204	Q3803.D	06/25/07 19:33	PB	.5	GCMSQ	TO-15	
MSQ204-IC204	Q3804.D	06/25/07 20:17	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	10.47	0.969	ok	0.970	0.910-1.030
Bromodichloromethane	11.11	10.47	1.061	ok	1.062	1.002-1.122
Bromoform	15.43	14.71	1.049	ok	1.049	0.989-1.109
Bromomethane	4.83	8.63	0.560	ok	0.559	0.499-0.619
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	14.76	14.71	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.63	0.581	ok	0.579	0.519-0.639
Chloroform	8.76	8.63	1.015	ok	1.014	0.954-1.074
Chloromethane	4.20	8.63	0.487	ok	0.487	0.427-0.547
3-Chloropropene	6.66	8.63	0.772	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	10.47	0.995	ok	0.996	0.936-1.056
1,1-Dichloroethane	7.67	8.63	0.889	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.63	0.745	ok	0.744	0.684-0.804
1,2-Dibromoethane	13.61	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	10.47	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.14	10.47	1.064	ok	1.066	1.006-1.126
Dichlorodifluoromethane	4.03	8.63	0.467	ok	0.467	0.407-0.527
Dibromochloromethane	13.36	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	10.47	1.142	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	1.251	1.191-1.311
p-Dichlorobenzene	18.02	14.71	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.47	10.47	1.191	ok	1.192	1.132-1.252
Ethanol	5.10	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	8.67	8.63	1.005	ok	1.004	0.944-1.064
4-Ethyltoluene	17.21	14.71	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	4.29	8.63	0.497	ok	0.497	0.437-0.557
Heptane	11.41	10.47	1.090	ok	1.091	1.031-1.151
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: M65960
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	
MSQ204-IC204	Q3798.D	06/25/07 15:58	PB	40	GCMSQ	TO-15	Reporting this level
MSQ204-IC204	Q3799.D	06/25/07 16:41	PB	20	GCMSQ	TO-15	
MSQ204-IC204	Q3800.D	06/25/07 17:22	PB	10	GCMSQ	TO-15	
MSQ204-ICC204	Q3801.D	06/25/07 18:05	PB	5	GCMSQ	TO-15	
MSQ204-IC204	Q3802.D	06/25/07 18:49	PB	2	GCMSQ	TO-15	
MSQ204-IC204	Q3803.D	06/25/07 19:33	PB	.5	GCMSQ	TO-15	
MSQ204-IC204	Q3804.D	06/25/07 20:17	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.15	14.71	0.894	ok	0.894	0.834-0.954
Isopropyl Alcohol	5.83	8.63	0.676	ok	0.676	0.616-0.736
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	10.47	1.144	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.71	8.63	0.893	ok	0.894	0.834-0.954
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	15.71	14.71	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.71	8.63	1.125	ok	1.124	1.064-1.184
1,1,2,2-Tetrachloroethane	15.82	14.71	1.075	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.65	10.47	1.208	ok	1.209	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	1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.30	14.71	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.18	10.47	1.068	ok	1.068	1.008-1.128
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	12.93	10.47	1.235	ok	1.236	1.176-1.296
Trichloroethylene	11.15	10.47	1.065	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.79	8.63	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	15.33	14.71	1.042	ok	1.042	0.982-1.102
o-Xylene	15.83	14.71	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.64	8.31-8.97	126451	ok	103016	61810-144222
1,4-Difluorobenzene	10.47	ok	10.46	10.13-10.79	553387	ok	484609	290765-678453
Chlorobenzene-D5	14.71	ok	14.71	14.38-15.04	482073	ok	423429	254057-592801

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65960
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	
MSQ204-IC204	Q3798.D	06/25/07 15:58	PB	40	GCMSQ	TO-15	
MSQ204-IC204	Q3799.D	06/25/07 16:41	PB	20	GCMSQ	TO-15	Reporting this level
MSQ204-IC204	Q3800.D	06/25/07 17:22	PB	10	GCMSQ	TO-15	
MSQ204-ICC204	Q3801.D	06/25/07 18:05	PB	5	GCMSQ	TO-15	
MSQ204-IC204	Q3802.D	06/25/07 18:49	PB	2	GCMSQ	TO-15	
MSQ204-IC204	Q3803.D	06/25/07 19:33	PB	.5	GCMSQ	TO-15	
MSQ204-IC204	Q3804.D	06/25/07 20:17	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.60	8.64	0.648	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	0.559	0.499-0.619
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	5.00	8.64	0.579	ok	0.579	0.519-0.639
Chloroform	8.75	8.64	1.013	ok	1.014	0.954-1.074
Chloromethane	4.20	8.64	0.486	ok	0.487	0.427-0.547
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	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.64	0.744	ok	0.744	0.684-0.804
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	10.93	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	8.64	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	17.94	14.71	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.41	14.71	1.252	ok	1.251	1.191-1.311
p-Dichlorobenzene	18.02	14.71	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.46	10.46	1.191	ok	1.192	1.132-1.252
Ethanol	5.10	8.64	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	8.64	1.002	ok	1.004	0.944-1.064
4-Ethyltoluene	17.21	14.71	1.170	ok	1.170	1.110-1.230
Freon 113	6.80	8.64	0.787	ok	0.788	0.728-0.848
Freon 114	4.30	8.64	0.498	ok	0.497	0.437-0.557
Heptane	11.41	10.46	1.091	ok	1.091	1.031-1.151
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: M65960
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	
MSQ204-IC204	Q3798.D	06/25/07 15:58	PB	40	GCMSQ	TO-15	
MSQ204-IC204	Q3799.D	06/25/07 16:41	PB	20	GCMSQ	TO-15	Reporting this level
MSQ204-IC204	Q3800.D	06/25/07 17:22	PB	10	GCMSQ	TO-15	
MSQ204-ICC204	Q3801.D	06/25/07 18:05	PB	5	GCMSQ	TO-15	
MSQ204-IC204	Q3802.D	06/25/07 18:49	PB	2	GCMSQ	TO-15	
MSQ204-IC204	Q3803.D	06/25/07 19:33	PB	.5	GCMSQ	TO-15	
MSQ204-IC204	Q3804.D	06/25/07 20:17	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.15	14.71	0.894	ok	0.894	0.834-0.954
Isopropylbenzene	16.47	14.71	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.82	8.64	0.674	ok	0.676	0.616-0.736
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	0.894	0.834-0.954
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	1.124	1.064-1.184
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	17.76	14.71	1.207	ok	1.207	1.147-1.267
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	1.068	1.008-1.128
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	1.236	1.176-1.296
Trichloroethylene	11.15	10.46	1.066	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.78	8.64	0.669	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	8.64	8.31-8.97	104253	ok	103016	61810-144222
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	504169	ok	484609	290765-678453
Chlorobenzene-D5	14.71	ok	14.71	14.38-15.04	441699	ok	423429	254057-592801

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65960
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	
MSQ204-IC204	Q3798.D	06/25/07 15:58	PB	40	GCMSQ	TO-15	
MSQ204-IC204	Q3799.D	06/25/07 16:41	PB	20	GCMSQ	TO-15	
MSQ204-IC204	Q3800.D	06/25/07 17:22	PB	10	GCMSQ	TO-15	Reporting this level
MSQ204-ICC204	Q3801.D	06/25/07 18:05	PB	5	GCMSQ	TO-15	
MSQ204-IC204	Q3802.D	06/25/07 18:49	PB	2	GCMSQ	TO-15	
MSQ204-IC204	Q3803.D	06/25/07 19:33	PB	.5	GCMSQ	TO-15	
MSQ204-IC204	Q3804.D	06/25/07 20:17	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	4.55	8.64	0.527	ok	0.528	0.468-0.588
Benzene	10.15	10.46	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.11	10.46	1.062	ok	1.062	1.002-1.122
Bromoform	15.42	14.71	1.048	ok	1.049	0.989-1.109
Bromomethane	4.83	8.64	0.559	ok	0.559	0.499-0.619
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	5.00	8.64	0.579	ok	0.579	0.519-0.639
Chloroform	8.75	8.64	1.013	ok	1.014	0.954-1.074
Chloromethane	4.20	8.64	0.486	ok	0.487	0.427-0.547
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	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	8.64	0.743	ok	0.744	0.684-0.804
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	17.94	14.71	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.40	14.71	1.251	ok	1.251	1.191-1.311
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	1.192	1.132-1.252
Ethanol	5.10	8.64	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	8.64	1.002	ok	1.004	0.944-1.064
4-Ethyltoluene	17.21	14.71	1.170	ok	1.170	1.110-1.230
Freon 113	6.80	8.64	0.787	ok	0.788	0.728-0.848
Freon 114	4.30	8.64	0.498	ok	0.497	0.437-0.557
Heptane	11.41	10.46	1.091	ok	1.091	1.031-1.151
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: M65960
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	
MSQ204-IC204	Q3798.D	06/25/07 15:58	PB	40	GCMSQ	TO-15	
MSQ204-IC204	Q3799.D	06/25/07 16:41	PB	20	GCMSQ	TO-15	
MSQ204-IC204	Q3800.D	06/25/07 17:22	PB	10	GCMSQ	TO-15	Reporting this level
MSQ204-ICC204	Q3801.D	06/25/07 18:05	PB	5	GCMSQ	TO-15	
MSQ204-IC204	Q3802.D	06/25/07 18:49	PB	2	GCMSQ	TO-15	
MSQ204-IC204	Q3803.D	06/25/07 19:33	PB	.5	GCMSQ	TO-15	
MSQ204-IC204	Q3804.D	06/25/07 20:17	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.15	14.71	0.894	ok	0.894	0.834-0.954
Isopropylbenzene	16.47	14.71	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.83	8.64	0.675	ok	0.676	0.616-0.736
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	11.98	10.46	1.145	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.71	8.64	0.892	ok	0.894	0.834-0.954
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	1.124	1.064-1.184
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	1.207	1.147-1.267
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	1.068	1.008-1.128
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	12.92	10.46	1.235	ok	1.236	1.176-1.296
Trichloroethylene	11.15	10.46	1.066	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.79	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	8.64	8.31-8.97	88678	ok	103016	61810-144222
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	414053	ok	484609	290765-678453
Chlorobenzene-D5	14.71	ok	14.71	14.38-15.04	366190	ok	423429	254057-592801

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65960
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	
MSQ204-IC204	Q3798.D	06/25/07 15:58	PB	40	GCMSQ	TO-15	
MSQ204-IC204	Q3799.D	06/25/07 16:41	PB	20	GCMSQ	TO-15	
MSQ204-IC204	Q3800.D	06/25/07 17:22	PB	10	GCMSQ	TO-15	
MSQ204-ICC204	Q3801.D	06/25/07 18:05	PB	5	GCMSQ	TO-15	Reporting this level
MSQ204-IC204	Q3802.D	06/25/07 18:49	PB	2	GCMSQ	TO-15	
MSQ204-IC204	Q3803.D	06/25/07 19:33	PB	.5	GCMSQ	TO-15	
MSQ204-IC204	Q3804.D	06/25/07 20:17	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.60	8.64	0.648	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	0.559	0.499-0.619
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	0.579	0.519-0.639
Chloroform	8.75	8.64	1.013	ok	1.014	0.954-1.074
Chloromethane	4.20	8.64	0.486	ok	0.487	0.427-0.547
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	7.67	8.64	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	8.64	0.743	ok	0.744	0.684-0.804
1,2-Dibromoethane	13.60	14.71	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.47	8.64	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	11.14	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	17.94	14.71	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.41	14.71	1.252	ok	1.251	1.191-1.311
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	1.192	1.132-1.252
Ethanol	5.10	8.64	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	8.67	8.64	1.003	ok	1.004	0.944-1.064
4-Ethyltoluene	17.21	14.71	1.170	ok	1.170	1.110-1.230
Freon 113	6.80	8.64	0.787	ok	0.788	0.728-0.848
Freon 114	4.29	8.64	0.497	ok	0.497	0.437-0.557
Heptane	11.41	10.46	1.091	ok	1.091	1.031-1.151
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: M65960
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	
MSQ204-IC204	Q3798.D	06/25/07 15:58	PB	40	GCMSQ	TO-15	
MSQ204-IC204	Q3799.D	06/25/07 16:41	PB	20	GCMSQ	TO-15	
MSQ204-IC204	Q3800.D	06/25/07 17:22	PB	10	GCMSQ	TO-15	
MSQ204-ICC204	Q3801.D	06/25/07 18:05	PB	5	GCMSQ	TO-15	Reporting this level
MSQ204-IC204	Q3802.D	06/25/07 18:49	PB	2	GCMSQ	TO-15	
MSQ204-IC204	Q3803.D	06/25/07 19:33	PB	.5	GCMSQ	TO-15	
MSQ204-IC204	Q3804.D	06/25/07 20:17	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.15	14.71	0.894	ok	0.894	0.834-0.954
Isopropylbenzene	16.47	14.71	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.83	8.64	0.675	ok	0.676	0.616-0.736
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	11.98	10.46	1.145	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.71	8.64	0.892	ok	0.894	0.834-0.954
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	15.70	14.71	1.067	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.71	8.64	1.124	ok	1.124	1.064-1.184
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	1.207	1.147-1.267
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	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.44	8.64	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	8.64	1.059	ok	1.060	1.000-1.120
Toluene	12.93	10.46	1.236	ok	1.236	1.176-1.296
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	15.32	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	8.64	ok	8.64	8.31-8.97	127986	ok	103016	61810-144222
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	621778	ok	484609	290765-678453
Chlorobenzene-D5	14.71	ok	14.71	14.38-15.04	538848	ok	423429	254057-592801

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65960
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	
MSQ204-IC204	Q3798.D	06/25/07 15:58	PB	40	GCMSQ	TO-15	
MSQ204-IC204	Q3799.D	06/25/07 16:41	PB	20	GCMSQ	TO-15	
MSQ204-IC204	Q3800.D	06/25/07 17:22	PB	10	GCMSQ	TO-15	
MSQ204-ICC204	Q3801.D	06/25/07 18:05	PB	5	GCMSQ	TO-15	
MSQ204-IC204	Q3802.D	06/25/07 18:49	PB	2	GCMSQ	TO-15	Reporting this level
MSQ204-IC204	Q3803.D	06/25/07 19:33	PB	.5	GCMSQ	TO-15	
MSQ204-IC204	Q3804.D	06/25/07 20:17	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	15.43	14.71	1.049	ok	1.049	0.989-1.109
Bromomethane	4.83	8.63	0.560	ok	0.559	0.499-0.619
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	0.579	0.519-0.639
Chloroform	8.75	8.63	1.014	ok	1.014	0.954-1.074
Chloromethane	4.20	8.63	0.487	ok	0.487	0.427-0.547
3-Chloropropene	6.66	8.63	0.772	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	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.63	0.745	ok	0.744	0.684-0.804
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	11.15	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	14.71	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	1.251	1.191-1.311
p-Dichlorobenzene	18.01	14.71	1.224	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.47	10.46	1.192	ok	1.192	1.132-1.252
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	8.67	8.63	1.005	ok	1.004	0.944-1.064
4-Ethyltoluene	17.21	14.71	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	4.29	8.63	0.497	ok	0.497	0.437-0.557
Heptane	11.41	10.46	1.091	ok	1.091	1.031-1.151
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: M65960
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	
MSQ204-IC204	Q3798.D	06/25/07 15:58	PB	40	GCMSQ	TO-15	
MSQ204-IC204	Q3799.D	06/25/07 16:41	PB	20	GCMSQ	TO-15	
MSQ204-IC204	Q3800.D	06/25/07 17:22	PB	10	GCMSQ	TO-15	
MSQ204-ICC204	Q3801.D	06/25/07 18:05	PB	5	GCMSQ	TO-15	
MSQ204-IC204	Q3802.D	06/25/07 18:49	PB	2	GCMSQ	TO-15	Reporting this level
MSQ204-IC204	Q3803.D	06/25/07 19:33	PB	.5	GCMSQ	TO-15	
MSQ204-IC204	Q3804.D	06/25/07 20:17	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.16	14.71	0.895	ok	0.894	0.834-0.954
Isopropylbenzene	16.47	14.71	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.84	8.63	0.677	ok	0.676	0.616-0.736
Methylene chloride	6.54	8.63	0.758	ok	0.757	0.697-0.817
Methyl ethyl ketone	8.05	8.63	0.933	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	7.72	8.63	0.895	ok	0.894	0.834-0.954
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	15.71	14.71	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.71	8.63	1.125	ok	1.124	1.064-1.184
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	1.207	1.147-1.267
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	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.44	8.63	0.746	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	1.236	1.176-1.296
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	15.33	14.71	1.042	ok	1.042	0.982-1.102
o-Xylene	15.83	14.71	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.64	8.31-8.97	93063	ok	103016	61810-144222
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	455236	ok	484609	290765-678453
Chlorobenzene-D5	14.71	ok	14.71	14.38-15.04	400182	ok	423429	254057-592801

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65960
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	
MSQ204-IC204	Q3798.D	06/25/07 15:58	PB	40	GCMSQ	TO-15	
MSQ204-IC204	Q3799.D	06/25/07 16:41	PB	20	GCMSQ	TO-15	
MSQ204-IC204	Q3800.D	06/25/07 17:22	PB	10	GCMSQ	TO-15	
MSQ204-ICC204	Q3801.D	06/25/07 18:05	PB	5	GCMSQ	TO-15	
MSQ204-IC204	Q3802.D	06/25/07 18:49	PB	2	GCMSQ	TO-15	
MSQ204-IC204	Q3803.D	06/25/07 19:33	PB	.5	GCMSQ	TO-15	Reporting this level
MSQ204-IC204	Q3804.D	06/25/07 20:17	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	4.55	8.64	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	15.43	14.71	1.049	ok	1.049	0.989-1.109
Bromomethane	4.84	8.64	0.560	ok	0.559	0.499-0.619
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	5.00	8.64	0.579	ok	0.579	0.519-0.639
Chloroform	8.76	8.64	1.014	ok	1.014	0.954-1.074
Chloromethane	4.20	8.64	0.486	ok	0.487	0.427-0.547
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	10.41	10.46	0.995	ok	0.996	0.936-1.056
1,1-Dichloroethane	7.66	8.64	0.887	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.64	0.744	ok	0.744	0.684-0.804
1,2-Dibromoethane	13.60	14.71	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.47	8.64	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	11.17	10.46	1.068	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	17.94	14.71	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.40	14.71	1.251	ok	1.251	1.191-1.311
p-Dichlorobenzene	18.02	14.71	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.46	10.46	1.191	ok	1.192	1.132-1.252
Ethanol	5.11	8.64	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	8.67	8.64	1.003	ok	1.004	0.944-1.064
4-Ethyltoluene	17.21	14.71	1.170	ok	1.170	1.110-1.230
Freon 113	6.81	8.64	0.788	ok	0.788	0.728-0.848
Freon 114	4.30	8.64	0.498	ok	0.497	0.437-0.557
Heptane	11.41	10.46	1.091	ok	1.091	1.031-1.151
Hexachlorobutadiene	20.80	14.71	1.414	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: M65960
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	
MSQ204-IC204	Q3798.D	06/25/07 15:58	PB	40	GCMSQ	TO-15	
MSQ204-IC204	Q3799.D	06/25/07 16:41	PB	20	GCMSQ	TO-15	
MSQ204-IC204	Q3800.D	06/25/07 17:22	PB	10	GCMSQ	TO-15	
MSQ204-ICC204	Q3801.D	06/25/07 18:05	PB	5	GCMSQ	TO-15	
MSQ204-IC204	Q3802.D	06/25/07 18:49	PB	2	GCMSQ	TO-15	
MSQ204-IC204	Q3803.D	06/25/07 19:33	PB	.5	GCMSQ	TO-15	Reporting this level
MSQ204-IC204	Q3804.D	06/25/07 20:17	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.16	14.71	0.895	ok	0.894	0.834-0.954
Isopropylbenzene	16.47	14.71	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.84	8.64	0.676	ok	0.676	0.616-0.736
Methylene chloride	6.55	8.64	0.758	ok	0.757	0.697-0.817
Methyl ethyl ketone	8.05	8.64	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	7.73	8.64	0.895	ok	0.894	0.834-0.954
Nonane	16.03	14.71	1.090	ok	1.090	1.030-1.150
Pentane	6.15	8.64	0.712	ok	0.711	0.651-0.771
Propylene	3.96	8.64	0.458	ok	0.459	0.399-0.519
Styrene	15.70	14.71	1.067	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.71	8.64	1.124	ok	1.124	1.064-1.184
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	1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.30	14.71	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.17	10.46	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.46	8.64	0.748	ok	0.746	0.686-0.806
Tetrachloroethylene	14.06	14.71	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.16	8.64	1.060	ok	1.060	1.000-1.120
Toluene	12.92	10.46	1.235	ok	1.236	1.176-1.296
Trichloroethylene	11.15	10.46	1.066	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.79	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	8.64	8.31-8.97	98501	ok	103016	61810-144222
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	454864	ok	484609	290765-678453
Chlorobenzene-D5	14.71	ok	14.71	14.38-15.04	397732	ok	423429	254057-592801

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65960
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	
MSQ204-IC204	Q3798.D	06/25/07 15:58	PB	40	GCMSQ	TO-15	
MSQ204-IC204	Q3799.D	06/25/07 16:41	PB	20	GCMSQ	TO-15	
MSQ204-IC204	Q3800.D	06/25/07 17:22	PB	10	GCMSQ	TO-15	
MSQ204-ICC204	Q3801.D	06/25/07 18:05	PB	5	GCMSQ	TO-15	
MSQ204-IC204	Q3802.D	06/25/07 18:49	PB	2	GCMSQ	TO-15	
MSQ204-IC204	Q3803.D	06/25/07 19:33	PB	.5	GCMSQ	TO-15	
MSQ204-IC204	Q3804.D	06/25/07 20:17	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	14.71	1.049	ok	1.049	0.989-1.109
Bromomethane	4.83	8.63	0.560	ok	0.559	0.499-0.619
Bromoethene	5.36	8.63	0.621	ok	0.622	0.562-0.682
Benzyl Chloride	17.91	14.71	1.218	ok	1.218	1.158-1.278
Carbon disulfide	6.86	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	5.00	8.63	0.579	ok	0.579	0.519-0.639
Chloroform	8.76	8.63	1.015	ok	1.014	0.954-1.074
Chloromethane	4.21	8.63	0.488	ok	0.487	0.427-0.547
3-Chloropropene	6.66	8.63	0.772	ok	0.771	0.711-0.831
2-Chlorotoluene	17.02	14.71	1.157	ok	1.157	1.097-1.217
Carbon tetrachloride	10.30	8.63	1.194	ok	1.192	1.132-1.252
Cyclohexane	10.42	10.46	0.996	ok	0.996	0.936-1.056
1,1-Dichloroethane	7.67	8.63	0.889	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	8.63	0.744	ok	0.744	0.684-0.804
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	10.93	10.46	1.045	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	17.95	14.71	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.41	14.71	1.252	ok	1.251	1.191-1.311
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	1.192	1.132-1.252
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	8.67	8.63	1.005	ok	1.004	0.944-1.064
4-Ethyltoluene	17.21	14.71	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	4.30	8.63	0.498	ok	0.497	0.437-0.557
Heptane	11.41	10.46	1.091	ok	1.091	1.031-1.151
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: M65960
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	
MSQ204-IC204	Q3798.D	06/25/07 15:58	PB	40	GCMSQ	TO-15	
MSQ204-IC204	Q3799.D	06/25/07 16:41	PB	20	GCMSQ	TO-15	
MSQ204-IC204	Q3800.D	06/25/07 17:22	PB	10	GCMSQ	TO-15	
MSQ204-ICC204	Q3801.D	06/25/07 18:05	PB	5	GCMSQ	TO-15	
MSQ204-IC204	Q3802.D	06/25/07 18:49	PB	2	GCMSQ	TO-15	
MSQ204-IC204	Q3803.D	06/25/07 19:33	PB	.5	GCMSQ	TO-15	
MSQ204-IC204	Q3804.D	06/25/07 20:17	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	13.16	14.71	0.895	ok	0.894	0.834-0.954
Isopropylbenzene	16.47	14.71	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.85	8.63	0.678	ok	0.676	0.616-0.736
Methylene chloride	6.54	8.63	0.758	ok	0.757	0.697-0.817
Methyl ethyl ketone	8.06	8.63	0.934	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	12.00	10.46	1.147	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.73	8.63	0.896	ok	0.894	0.834-0.954
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	15.71	14.71	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.71	8.63	1.125	ok	1.124	1.064-1.184
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	17.76	14.71	1.207	ok	1.207	1.147-1.267
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	1.068	1.008-1.128
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	12.93	10.46	1.236	ok	1.236	1.176-1.296
Trichloroethylene	11.14	10.46	1.065	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	8.64	8.31-8.97	82178	ok	103016	61810-144222
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	388776	ok	484609	290765-678453
Chlorobenzene-D5	14.71	ok	14.71	14.38-15.04	337276	ok	423429	254057-592801

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65960
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: M65960
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: M65960
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: M65960
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: M65960
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: M65960
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: M65960
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: M65960
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: M65960
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: M65960
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: M65960
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: M65960
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: M65960
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: M65960
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: M65960
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
M65960-1	Q3895.D	89.0
M65960-2	Q3896.D	91.0
M65961-6DUP	Q3886.D	95.0
MSJ556-SCC	J10747.D	84.0
MSQ204-SCC	Q3807.D	84.0
MSQ209-BS	Q3882A.D	105.0
MSQ209-MB	Q3883.D	86.0
MSJ556-BS	J10737B.D	108.0
MSJ556-MB	J10740.D	88.0
MSQ204-BS	Q3805A.D	81.0
MSQ204-MB	Q3806.D	87.0

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

Initial Calibration Summary

Job Number: M65960 **Sample:** MSJ556-ICC556
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10733.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Response Factor Report MSJ

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration

Calibration Files
40 =J10731.D 20 =J10732.D 10 =J10733.D 5 =J10734.D
2 =J10736.D .5 =J10728.D .2 =J10729.D 4 =J10094.D

Compound	40	20	10	5	2	.5	.2	4	Avg	%RSD
1) I BROMOCHLOROMETHANE	----------ISTD----------									
2) DICHLORODIFL	3.603	2.732	2.618	2.667	3.570	3.876	3.279		3.192	16.20
3) PROPYLENE	0.587	0.409	0.398	0.405	0.513	0.507			0.470	16.45
4) FREON 114	3.149	2.450	2.071	2.323	3.085	3.434	2.828		2.763	17.96
5) CHLOROMETHAN	0.756	0.539	0.469	0.531	0.731	0.835	0.692		0.650	21.11
6) VINYL CHLORI	0.933	0.702	0.595	0.678	0.885	0.887	0.653		0.762	17.82
7) 1,3-BUTADIEN	0.712	0.528	0.443	0.501	0.657	0.617			0.577	17.77
8) BROMOMETHANE	1.079	0.871	0.746	0.856	0.997	1.191	0.905		0.949	15.85
9) CHLOROETHANE	0.451	0.332	0.274	0.339	0.419	0.459	0.298		0.367	20.35
10) TRICHLOROFLU	3.841	3.148	2.675	3.073	3.812	4.211	3.363		3.446	15.47
11) ISOPROPYL AL	1.270	0.957	0.835	0.895	1.014	1.743			1.119	30.45
----- Quadratic regression ----- Coefficient = 0.9999										
Response Ratio = 0.07697 + 0.59742 *A + 0.16314 *A^2										
12) ACETONE	1.270	0.914	0.800	0.975	1.449	1.873	1.601		1.269	31.19
----- Quadratic regression ----- Coefficient = 0.9989										
Response Ratio = 0.10238 + 0.52414 *A + 0.17942 *A^2										
13) PENTANE	0.820	0.651	0.572	0.641	0.748	0.848	0.694		0.710	14.11
14) 1,1-DICHLORO	1.116	0.992	0.820	0.901	0.990	1.027	0.860		0.958	10.74
15) CARBON DISUL	2.979	2.677	2.236	2.507	2.875	3.086	2.642		2.714	10.76
16) ETHANOL	0.209	0.167	0.136	0.153	0.215	0.284			0.194	27.93
17) BROMOETHENE	1.137	0.959	0.802	0.926	0.998	1.075	0.772		0.953	14.02
18) METHYLENE CH	0.982	0.856	0.691	0.793	1.826	1.814	1.955		1.274	44.07
----- Quadratic regression ----- Coefficient = 0.9966										
Response Ratio = 0.08642 + 0.61080 *A + 0.08789 *A^2										
19) 3-CHLOROPROP	1.051	0.840	0.572	0.614	0.765	0.857			0.783	22.42
20) FREON 113	2.457	2.277	1.892	2.045	2.318	2.624	2.077		2.241	11.34
21) TRANS-1,2-DI	1.116	1.037	0.830	0.903	0.955	1.050	0.754		0.949	13.61
22) TERTIARY BUT	1.756	1.492	1.136	1.272	1.024	0.979			1.277	23.45
23) METHYL TERTI	2.513	2.332	1.911	2.055	1.971	2.171	1.405		2.051	17.25
24) TETRAHYDROFU	0.773	0.739	0.570	0.598	0.594	0.548			0.637	14.83
25) HEXANE	1.188	1.164	0.985	1.019	1.219	1.375	1.221		1.167	11.30
26) VINYL ACETAT	1.627	1.424	1.143	1.130	0.869	1.254	0.939		1.198	22.12
27) 1,1-DICHLORO	1.850	1.626	1.295	1.392	1.664	1.978	1.449		1.608	15.44
28) METHYL ETHYL	1.496	1.381	1.104	1.161	1.239	1.440	1.047		1.267	13.75
29) cis-1,2-DICH	1.113	1.095	0.853	0.888	0.941	1.005	0.736		0.947	14.27
30) ETHYL ACETAT	1.619	1.593	1.231	1.250	1.311	1.512	0.890		1.344	19.08
31) CHLOROFORM	2.574	2.554	2.023	2.104	2.411	2.650	2.044		2.337	11.66
32) 1,1,1-TRICHL	3.089	2.871	2.178	2.411	2.874	3.014	2.138		2.654	15.12
33) CARBON TETRA	3.697	3.355	2.866	3.158	3.380	3.382	2.803		3.235	9.77
34) 1,2-DICHLORO	1.605	1.453	1.143	1.285	1.423	1.529	1.077		1.359	14.51
35) I 1,4-DIFLUOROBENZENE	----------ISTD----------									
36) BENZENE	0.686	0.652	0.468	0.495	0.546	0.571	0.374		0.541	19.89

Initial Calibration Summary

Job Number: M65960 **Sample:** MSJ556-ICC556
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10733.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
37) CYCLOHEXANE  0.311 0.315 0.241 0.250 0.244 0.205             0.261  16.52
38) TRICHLOROETH 0.345 0.327 0.252 0.270 0.282 0.290 0.193       0.280  17.94
39) 1,2-DICHLORO 0.220 0.194 0.145 0.160 0.179 0.185 0.137       0.174  16.83
40) BROMODICHLOR 0.610 0.559 0.420 0.458 0.495 0.520 0.363       0.489  17.11
41) 2,2,4-TRIMET 0.973 0.977 0.702 0.734 0.823 0.769             0.830  14.43
42) 1,4-DIOXANE  0.141 0.139 0.097 0.096 0.081 0.149             0.117  24.95
43) HEPTANE      0.322 0.298 0.223 0.235 0.257 0.249             0.264  14.52
44) METHYL ISOBU 0.428 0.389 0.273 0.289 0.238 0.274             0.315  23.88
45) cis-1,3-DICH 0.363 0.325 0.237 0.246 0.245 0.187             0.267  24.09
46) TOLUENE      0.491 0.452 0.330 0.343 0.355 0.297 0.191       0.351  28.15
47) trans-1,3-DI 0.366 0.320 0.229 0.230 0.224 0.157             0.254  29.60
48) 1,1,2-TRICHL 0.236 0.212 0.158 0.171 0.184 0.189 0.128       0.183  19.27

49) I   CHLOROBENZENE-D5      ----------------ISTD---------------------
50) 2-HEXANONE   0.395 0.385 0.267 0.297 0.207 0.239             0.299  25.85
51) TETRACHLOROE 0.478 0.472 0.351 0.380 0.383 0.392 0.327       0.398  14.45
52) DIBROMOCHLOR 0.682 0.704 0.508 0.550 0.545 0.578 0.417       0.569  17.38
53) 1,2-DIBROMOE 0.496 0.487 0.354 0.381 0.388 0.369 0.230       0.386  23.16
54) CHLOROBENZEN 0.707 0.695 0.526 0.562 0.592 0.626 0.465       0.596  14.70
55) ETHYLBENZENE 1.074 1.038 0.774 0.805 0.813 0.666 0.374       0.792  29.71
56) m,p-XYLENE   0.411 0.412 0.306 0.307 0.330 0.285 0.151       0.314  28.09
57) o-XYLENE     0.422 0.415 0.308 0.314 0.317 0.285 0.134       0.314  30.62
            ----- Linear regression -----  Coefficient =  0.9958
              Response Ratio = -0.03666 + 0.42734 *A

58) STYRENE      0.550 0.519 0.354 0.333 0.372 0.259             0.398  28.45
59) NONANE       0.359 0.333 0.241 0.255 0.316 0.309             0.302  15.07
60) BROMOFORM    0.734 0.710 0.507 0.521 0.527 0.527 0.366       0.556  22.85
61) 4-BROMOFLUOR 0.674 0.655 0.606 0.585 0.641 0.626 0.561       0.621   6.39
62) 1,1,2,2-TETR 0.586 0.566 0.405 0.437 0.489 0.563 0.321       0.481  20.50
63) ISOPROPYLBEN 1.258 1.209 0.879 0.885 0.898 0.917             1.007  17.48
64) 2-CHLOROTOLU 0.813 0.705 0.522 0.541 0.618 0.559             0.626  18.03
65) 4-ETHYLTOLUE 0.975 0.849 0.575 0.582 0.676 0.605             0.710  23.27
66) 1,3,5-TRIMET 0.957 0.861 0.626 0.627 0.685 0.722             0.746  18.03
67) 1,2,4-TRIMET 0.766 0.662 0.468 0.474 0.548 0.512             0.572  20.76
68) m-DICHLOROBE 0.563 0.481 0.352 0.372 0.487 0.473             0.455  17.38
69) BENZYL CHLOR 0.498 0.397 0.284 0.280 0.292 0.220             0.328  30.71
         ----- Quadratic regression -----                Coefficient =  0.9992
              Response Ratio = -0.00961 + 0.27514 *A + 0.05657 *A^2

70) p-DICHLOROBE 0.508 0.428 0.317 0.343 0.434 0.375             0.401  17.42
71) o-DICHLOROBE 0.515 0.412 0.308 0.336 0.444 0.466             0.413  19.12
72) HEXACHLOROBU 0.289 0.284 0.218 0.255 0.565 0.820 0.696       0.447  54.55
         ----- Quadratic regression -----                Coefficient =  0.9945
              Response Ratio = 0.02451 + 0.22595 *A + 0.01448 *A^2

73) 1,2,4-TRICHL 0.106 0.101 0.071 0.076 0.185 0.216             0.126  47.67
         ----- Quadratic regression -----                Coefficient =  0.9933
              Response Ratio = 0.00709 + 0.07524 *A + 0.00751 *A^2

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

          J062207T.M        Mon Jun 25 09:25:04 2007
```

Continuing Calibration Summary

Job Number: M65960 **Sample:** MSJ556-CC556
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10737A.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

```
Data File : C:\MSDCHEM\1\DATA\J10737A.D                    Vial: 3
Acq On    : 22 Jun 2007   5:13 pm                     Operator: danat
Sample    : cc556-10 (m045)                           Inst    : MSJ
Misc      : MS13762, MSJ556,,,,,1                     Multiplr: 1.00
MS Integration Params: LSCINT.P

Method       : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title        :  TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update  : Fri Jun 22 17:13:57 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	81	0.00	8.64
2	m	DICHLORODIFLUOROMETHANE	3.192	3.909	-22.5	121	0.00	4.09
3	m	PROPYLENE	0.470	0.608	-29.4	124	0.00	4.02
4	m	FREON 114	2.763	3.414	-23.6	134	0.00	4.34
5	m	CHLOROMETHANE	0.650	0.819	-26.0	142	0.00	4.25
6	m	VINYL CHLORIDE	0.762	0.977	-28.2	134	0.00	4.47
7	m	1,3-BUTADIENE	0.577	0.739	-28.1	136	0.00	4.60
8	m	BROMOMETHANE	0.949	1.129	-19.0	123	0.00	4.87
9	m	CHLOROETHANE	0.367	0.463	-26.2	137	0.00	5.04
10	m	TRICHLOROFLUOROMETHANE	3.446	4.154	-20.5	126	0.00	5.81
		----------	True	Calc.	% Drift	----------		
11	m	ISOPROPYL ALCOHOL	10.000	12.134	-21.3	101	0.00	6.01
12	m	ACETONE	10.000	12.599	-26.0	106	0.01	5.69
		----------	AvgRF	CCRF	% Dev	----------		
13	m	PENTANE	0.710	0.858	-20.8	122	0.00	6.16
14	m	1,1-DICHLOROETHYLENE	0.958	1.073	-12.0	106	0.00	6.44
15	m	CARBON DISULFIDE	2.714	3.016	-11.1	110	0.00	6.86
16	m	ETHANOL	0.194	0.157	19.1	94	0.02	5.28
17	m	BROMOETHENE	0.953	1.139	-19.5	115	0.00	5.40
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	11.872	-18.7	110	0.00	6.56
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	0.783	0.916	-17.0	130	0.00	6.68
20	m	FREON 113	2.241	2.378	-6.1	102	0.00	6.80
21	m	TRANS-1,2-DICHLOROETHYLEN	0.949	1.043	-9.9	102	0.00	7.47
22	m	TERTIARY BUTYL ALCOHOL	1.277	1.361	-6.6	97	0.00	6.61
23	m	METHYL TERTIARY BUTYL ETH	2.051	2.071	-1.0	88	0.01	7.75
24	m	TETRAHYDROFURAN	0.637	0.607	4.7	86	0.01	9.20
25	m	HEXANE	1.167	1.098	5.9	91	0.00	8.64
26	m	VINYL ACETATE	1.198	1.202	-0.3	85	0.00	7.82
27	m	1,1-DICHLOROETHANE	1.608	1.708	-6.2	107	0.00	7.67
28	m	METHYL ETHYL KETONE	1.267	1.167	7.9	86	0.00	8.10
29	m	cis-1,2-DICHLOROETHYLENE	0.947	0.955	-0.8	91	0.00	8.47
30	m	ETHYL ACETATE	1.344	1.259	6.3	83	0.00	8.72
31	m	CHLOROFORM	2.337	2.395	-2.5	96	0.00	8.76
32	m	1,1,1-TRICHLOROETHANE	2.654	2.916	-9.9	109	0.00	9.69
33	m	CARBON TETRACHLORIDE	3.235	3.672	-13.5	104	0.00	10.27
34	m	1,2-DICHLOROETHANE	1.359	1.373	-1.0	98	0.00	9.47

Continuing Calibration Summary

Job Number: M65960 **Sample:** MSJ556-CC556
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10737A.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	80	0.00	10.45
36	m	BENZENE	0.541	0.551	-1.8	94	0.00	10.14
37	m	CYCLOHEXANE	0.261	0.289	-10.7	96	0.00	10.38
38	m	TRICHLOROETHYLENE	0.280	0.291	-3.9	92	0.00	11.13
39	m	1,2-DICHLOROPROPANE	0.174	0.180	-3.4	99	0.00	10.91
40	m	BROMODICHLOROMETHANE	0.489	0.506	-3.5	96	0.00	11.10
41	m	2,2,4-TRIMETHYLPENTANE	0.830	0.965	-16.3	110	0.00	11.13
42	m	1,4-DIOXANE	0.117	0.085	27.4	70	0.01	11.21
43	m	HEPTANE	0.264	0.287	-8.7	103	0.00	11.37
44	m	METHYL ISOBUTYL KETONE	0.315	0.289	8.3	85	0.00	12.02
45	m	cis-1,3-DICHLOROPROPENE	0.267	0.280	-4.9	95	0.00	11.95
46	m	TOLUENE	0.351	0.392	-11.7	95	0.00	12.90
47	m	trans-1,3-DICHLOROPROPENE	0.254	0.215	15.4	75	0.00	12.45
48	m	1,1,2-TRICHLOROETHANE	0.183	0.189	-3.3	95	0.00	12.64
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	85	0.00	14.68
50	m	2-HEXANONE	0.299	0.225	24.7	71	0.01	13.20
51	m	TETRACHLOROETHYLENE	0.398	0.400	-0.5	96	0.00	14.02
52	m	DIBROMOCHLOROMETHANE	0.569	0.567	0.4	94	0.00	13.34
53	m	1,2-DIBROMOETHANE	0.386	0.377	2.3	90	0.00	13.59
54	m	CHLOROBENZENE	0.522	0.600	-14.9	96	0.00	14.72
55	m	ETHYLBENZENE	0.792	0.943	-19.1	103	0.00	15.10
56	m	m,p-XYLENE	0.314	0.386	-22.9	107	0.01	15.29
		----------	True	Calc.	% Drift	----------		
57	m	o-XYLENE	10.000	9.971	0.3	107	0.00	15.80
		----------	AvgRF	CCRF	% Dev	----------		
58	m	STYRENE	0.398	0.471	-18.3	113	0.00	15.68
59	m	NONANE	0.302	0.413	-36.8#	145	0.00	15.98
60	m	BROMOFORM	0.556	0.542	2.5	90	0.00	15.41
61	S	4-BROMOFLUOROBENZENE	0.543	0.671	-23.6	94	0.00	16.30
62	m	1,1,2,2-TETRACHLOROETHANE	0.481	0.471	2.1	98	0.00	15.81
63	m	ISOPROPYLBENZENE	1.007	1.142	-13.4	110	0.00	16.44
64	m	2-CHLOROTOLUENE	0.626	0.769	-22.8	125	0.00	16.99
65	m	4-ETHYLTOLUENE	0.710	0.883	-24.4	130	0.00	17.18
66	m	1,3,5-TRIMETHYLBENZENE	0.746	0.901	-20.8	122	0.00	17.26
67	m	1,2,4-TRIMETHYLBENZENE	0.572	0.782	-36.7#	141	0.00	17.73
68	m	m-DICHLOROBENZENE	0.455	0.493	-8.4	118	0.00	17.91
		----------	True	Calc.	% Drift	----------		
69	m	BENZYL CHLORIDE	10.000	9.782	2.2	93	0.00	17.89
		----------	AvgRF	CCRF	% Dev	----------		
70	m	p-DICHLOROBENZENE	0.401	0.428	-6.7	114	0.00	17.99
71	m	o-DICHLOROBENZENE	0.413	0.449	-8.7	124	0.00	18.37
		----------	True	Calc.	% Drift	----------		
72	m	HEXACHLOROBUTADIENE	10.000	11.630	-16.3	119	0.00	20.76
73	m	1,2,4-TRICHLOROBENZENE	10.000	11.626	-16.3	124	0.00	20.27
		----------	AvgRF	CCRF	% Dev	----------		
74	m	NAPHTHALENE	0.000	0.000	0.0	0#	0.00	20.40

(2.9 %) 2 of 70 compounds'%D > 30

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

Continuing Calibration Summary

Job Number: M65960 **Sample:** MSJ556-CC556
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10737A.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

J10733.D J062207T.M Mon Jun 25 09:29:42 2007

Initial Calibration Verification

Job Number: M65960 **Sample:** MSJ556-ICV556
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10737.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\J10737.D Vial: 3
Acq On : 22 Jun 2007 5:13 pm Operator: danat
Sample : icv556-10 (m045) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 17:13:57 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	81	0.00	8.64
2	m	DICHLORODIFLUOROMETHANE	3.192	3.909	-22.5	121	0.00	4.09
3	m	PROPYLENE	0.470	0.608	-29.4	124	0.00	4.02
4	m	FREON 114	2.763	3.414	-23.6	134	0.00	4.34
5	m	CHLOROMETHANE	0.650	0.819	-26.0	142	0.00	4.25
6	m	VINYL CHLORIDE	0.762	0.977	-28.2	134	0.00	4.47
7	m	1,3-BUTADIENE	0.577	0.739	-28.1	136	0.00	4.60
8	m	BROMOMETHANE	0.949	1.129	-19.0	123	0.00	4.87
9	m	CHLOROETHANE	0.367	0.463	-26.2	137	0.00	5.04
10	m	TRICHLOROFLUOROMETHANE	3.446	4.154	-20.5	126	0.00	5.81
		----------	True	Calc.	% Drift	----------		
11	m	ISOPROPYL ALCOHOL	10.000	12.134	-21.3	101	0.00	6.01
12	m	ACETONE	10.000	12.599	-26.0	106	0.01	5.69
		----------	AvgRF	CCRF	% Dev	----------		
13	m	PENTANE	0.710	0.858	-20.8	122	0.00	6.16
14	m	1,1-DICHLOROETHYLENE	0.958	1.073	-12.0	106	0.00	6.44
15	m	CARBON DISULFIDE	2.714	3.016	-11.1	110	0.00	6.86
16	m	ETHANOL	0.194	0.157	19.1	94	0.02	5.28
17	m	BROMOETHENE	0.953	1.139	-19.5	115	0.00	5.40
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	11.872	-18.7	110	0.00	6.56
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	0.783	0.916	-17.0	130	0.00	6.68
20	m	FREON 113	2.241	2.378	-6.1	102	0.00	6.80
21	m	TRANS-1,2-DICHLOROETHYLEN	0.949	1.043	-9.9	102	0.00	7.47
22	m	TERTIARY BUTYL ALCOHOL	1.277	1.361	-6.6	97	0.00	6.61
23	m	METHYL TERTIARY BUTYL ETH	2.051	2.071	-1.0	88	0.01	7.75
24	m	TETRAHYDROFURAN	0.637	0.607	4.7	86	0.01	9.20
25	m	HEXANE	1.167	1.098	5.9	91	0.00	8.64
26	m	VINYL ACETATE	1.198	1.202	-0.3	85	0.00	7.82
27	m	1,1-DICHLOROETHANE	1.608	1.708	-6.2	107	0.00	7.67
28	m	METHYL ETHYL KETONE	1.267	1.167	7.9	86	0.00	8.10
29	m	cis-1,2-DICHLOROETHYLENE	0.947	0.955	-0.8	91	0.00	8.47
30	m	ETHYL ACETATE	1.344	1.259	6.3	83	0.00	8.72
31	m	CHLOROFORM	2.337	2.395	-2.5	96	0.00	8.76
32	m	1,1,1-TRICHLOROETHANE	2.654	2.916	-9.9	109	0.00	9.69
33	m	CARBON TETRACHLORIDE	3.235	3.672	-13.5	104	0.00	10.27
34	m	1,2-DICHLOROETHANE	1.359	1.373	-1.0	98	0.00	9.47

Initial Calibration Verification

Job Number: M65960 **Sample:** MSJ556-ICV556
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10737.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	80	0.00	10.45
36	m	BENZENE	0.541	0.551	-1.8	94	0.00	10.14
37	m	CYCLOHEXANE	0.261	0.289	-10.7	96	0.00	10.38
38	m	TRICHLOROETHYLENE	0.280	0.291	-3.9	92	0.00	11.13
39	m	1,2-DICHLOROPROPANE	0.174	0.180	-3.4	99	0.00	10.91
40	m	BROMODICHLOROMETHANE	0.489	0.506	-3.5	96	0.00	11.10
41	m	2,2,4-TRIMETHYLPENTANE	0.830	0.965	-16.3	110	0.00	11.13
42	m	1,4-DIOXANE	0.117	0.085	27.4	70	0.01	11.21
43	m	HEPTANE	0.264	0.287	-8.7	103	0.00	11.37
44	m	METHYL ISOBUTYL KETONE	0.315	0.289	8.3	85	0.00	12.02
45	m	cis-1,3-DICHLOROPROPENE	0.267	0.280	-4.9	95	0.00	11.95
46	m	TOLUENE	0.351	0.392	-11.7	95	0.00	12.90
47	m	trans-1,3-DICHLOROPROPENE	0.254	0.215	15.4	75	0.00	12.45
48	m	1,1,2-TRICHLOROETHANE	0.183	0.189	-3.3	95	0.00	12.64
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	85	0.00	14.68
50	m	2-HEXANONE	0.299	0.225	24.7	71	0.01	13.20
51	m	TETRACHLOROETHYLENE	0.398	0.400	-0.5	96	0.00	14.02
52	m	DIBROMOCHLOROMETHANE	0.569	0.567	0.4	94	0.00	13.34
53	m	1,2-DIBROMOETHANE	0.386	0.377	2.3	90	0.00	13.59
54	m	CHLOROBENZENE	0.522	0.600	-14.9	96	0.00	14.72
55	m	ETHYLBENZENE	0.792	0.943	-19.1	103	0.00	15.10
56	m	m,p-XYLENE	0.314	0.386	-22.9	107	0.01	15.29
		----------	True	Calc.	% Drift	----------		
57	m	o-XYLENE	10.000	9.971	0.3	107	0.00	15.80
		----------	AvgRF	CCRF	% Dev	----------		
58	m	STYRENE	0.398	0.471	-18.3	113	0.00	15.68
59	m	NONANE	0.302	0.413	-36.8#	145	0.00	15.98
60	m	BROMOFORM	0.556	0.542	2.5	90	0.00	15.41
61	S	4-BROMOFLUOROBENZENE	0.543	0.671	-23.6	94	0.00	16.30
62	m	1,1,2,2-TETRACHLOROETHANE	0.481	0.471	2.1	98	0.00	15.81
63	m	ISOPROPYLBENZENE	1.007	1.142	-13.4	110	0.00	16.44
64	m	2-CHLOROTOLUENE	0.626	0.769	-22.8	125	0.00	16.99
65	m	4-ETHYLTOLUENE	0.710	0.883	-24.4	130	0.00	17.18
66	m	1,3,5-TRIMETHYLBENZENE	0.746	0.901	-20.8	122	0.00	17.26
67	m	1,2,4-TRIMETHYLBENZENE	0.572	0.782	-36.7#	141	0.00	17.73
68	m	m-DICHLOROBENZENE	0.455	0.493	-8.4	118	0.00	17.91
		----------	True	Calc.	% Drift	----------		
69	m	BENZYL CHLORIDE	10.000	9.782	2.2	93	0.00	17.89
		----------	AvgRF	CCRF	% Dev	----------		
70	m	p-DICHLOROBENZENE	0.401	0.428	-6.7	114	0.00	17.99
71	m	o-DICHLOROBENZENE	0.413	0.449	-8.7	124	0.00	18.37
		----------	True	Calc.	% Drift	----------		
72	m	HEXACHLOROBUTADIENE	10.000	11.630	-16.3	119	0.00	20.76
73	m	1,2,4-TRICHLOROBENZENE	10.000	11.626	-16.3	124	0.00	20.27
		----------	AvgRF	CCRF	% Dev	----------		
74	m	NAPHTHALENE		----------NA----------				

(2.9 %) 2 of 70 compounds'%D > 30

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

Initial Calibration Verification

Job Number: M65960 **Sample:** MSJ556-ICV556
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10737.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

J10733.D J062207T.M Mon Jun 25 09:26:01 2007

Initial Calibration Summary

Job Number: M65960 **Sample:** MSQ204-ICC204
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3801.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Response Factor Report MAMSQ

Method : C:\msdchem\1\METHODS\Q062507T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Tue Jun 26 08:41:33 2007
Response via : Initial Calibration

Calibration Files
.2 =Q3804.D .5 =Q3803.D 2 =Q3802.D
5 =Q3801.D 10 =Q3800.D 20 =Q3799.D 40 =Q3798.D

Compound	.2	.5	2	5	10	20	40	Avg	%RSD
1) I BROMOCHLOROMETHANE	----------ISTD----------								
2)m DICHLORODIFLUOROM	7.517	5.622	8.356	5.142	7.494	5.711	4.764	6.372	21.83
3)m PROPYLENE	2.024	1.466	2.011	1.177	1.855	1.405	1.353	1.613	21.30
4)m FREON 114	6.634	4.707	7.625	4.463	6.185	4.732	4.315	5.523	23.33
5)m CHLOROMETHANE	2.902	2.017	2.984	1.690	2.436	1.790	1.769	2.227	24.63
6)m VINYL CHLORIDE	2.218	1.707	2.793	1.671	2.436	1.853	1.762	2.063	20.86
7)m 1,3-BUTADIENE		1.901	2.458	1.440	1.794	1.366	1.234	1.699	26.59
8)m BROMOMETHANE	1.889	1.519	2.373	1.360	1.995	1.584	1.501	1.746	20.41
9)m CHLOROETHANE	0.508	0.680	0.914	0.592	0.885	0.717	0.727	0.718	20.34
10)m TRICHLOROFLUOROME	7.537	5.556	8.268	4.813	6.720	5.283	4.379	6.080	23.96
11)m ISOPROPYL ALCOHOL		3.657	3.521	2.245	3.269	2.634	2.292	2.937	21.30
12)m ACETONE		3.906	3.122	1.958	2.802	2.288	1.987	2.677	28.29
13)m PENTANE		2.028	2.681	1.471	2.057	1.588	1.334	1.860	26.80
14)m 1,1-DICHLOROETHYL	1.805	1.444	2.115	1.281	1.868	1.548	1.327	1.627	19.07
15)m CARBON DISULFIDE	5.331	3.804	5.816	3.648	5.274	4.283	3.586	4.535	20.34
16)m ETHANOL		0.686	0.662	0.414	0.588	0.472	0.467	0.548	20.64
17)m BROMOETHENE	1.781	1.338	2.185	1.324	1.919	1.580	1.397	1.647	19.96
18)m METHYLENE CHLORID	4.543	2.471	1.644	1.005	1.562	1.354	1.178	1.965	62.59
----- Quadratic regression ----- Coefficient = 0.9956									
Response Ratio = 0.00649 + 1.51711 *A + -0.08474 *A^2									
19)m 3-CHLOROPROPENE	2.113	1.531	1.543	1.021	1.582	1.319	1.182	1.470	23.94
20)m FREON 113	3.464	2.531	2.852	1.993	3.025	2.540	2.265	2.667	18.42
21)m TRANS-1,2-DICHLOR	1.628	1.262	1.623	1.083	1.730	1.450	1.274	1.436	16.57
22)m TERTIARY BUTYL AL	4.042	3.300	4.245	2.878	4.254	3.550	3.117	3.626	15.44
23)m METHYL TERTIARY B	3.191	2.952	3.510	2.511	3.686	3.180	2.835	3.124	12.81
24)m TETRAHYDROFURAN	1.496	1.449	1.829	1.521	2.293	1.947	1.627	1.737	17.60
25)m HEXANE	4.460	3.029	3.139	2.302	3.540	2.948	2.455	3.125	23.09
26)m VINYL ACETATE	3.599	2.771	3.241	2.128	3.142	2.662	2.393	2.848	17.96
27)m 1,1-DICHLOROETHAN	3.242	2.876	3.112	2.159	3.415	2.926	2.677	2.915	14.17
28)m METHYL ETHYL KETO	3.565	3.333	3.599	2.864	4.435	3.670	3.102	3.510	14.28
29)m cis-1,2-DICHLOROE	0.855	0.869	1.232	0.949	1.661	1.457	1.375	1.199	26.40
30)m ETHYL ACETATE	7.380	5.827	6.405	4.850	7.240	5.919	4.630	6.036	17.68
31)m CHLOROFORM	3.562	3.051	3.436	2.603	4.306	3.669	3.436	3.438	15.35
32)m 1,1,1-TRICHLOROET	3.593	3.244	3.640	2.704	4.503	3.929	3.693	3.615	15.41
33)m CARBON TETRACHLOR	4.671	3.717	4.469	3.276	5.342	4.502	4.018	4.285	15.82
34)m 1,2-DICHLOROETHAN	2.481	2.188	2.670	1.964	3.145	2.757	2.540	2.535	15.19
35) I 1,4-DIFLUOROBENZENE	----------ISTD----------								
36)m BENZENE	0.568	0.551	0.641	0.522	0.883	0.774	0.819	0.680	21.23
37)m CYCLOHEXANE	0.358	0.305	0.370	0.269	0.437	0.361	0.350	0.350	15.11
38)m TRICHLOROETHYLENE	0.313	0.324	0.379	0.295	0.510	0.431	0.437	0.384	20.55
39)m 1,2-DICHLOROPROPA	0.217	0.235	0.297	0.244	0.413	0.346	0.357	0.301	24.36
40)m BROMODICHLOROMETH	0.572	0.540	0.625	0.503	0.873	0.759	0.781	0.665	21.05
41)m 2,2,4-TRIMETHYLPE	1.680	1.522	1.654	1.379	2.273	1.883	1.746	1.734	16.53
42)m 1,4-DIOXANE		0.077	0.121	0.100	0.171	0.148	0.147	0.127	27.28

Initial Calibration Summary

Job Number: M65960 **Sample:** MSQ204-ICC204
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3801.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
43)m HEPTANE           0.789 0.647 0.709 0.567 0.910 0.716 0.639 0.711  15.81
44)m METHYL ISOBUTYL K 0.721 0.654 0.840 0.666 1.047 0.866 0.751 0.792  17.44
45)m cis-1,3-DICHLOROP 0.262 0.258 0.369 0.303 0.512 0.439 0.455 0.371  27.10
46)m TOLUENE           0.415 0.348 0.436 0.363 0.593 0.511 0.541 0.458  20.19
47)m trans-1,3-DICHLOR       0.195 0.331 0.286 0.476 0.413 0.433 0.356  29.46
48)m 1,1,2-TRICHLOROET 0.189 0.191 0.250 0.197 0.332 0.282 0.296 0.248  23.19

49) I   CHLOROBENZENE-D5      ----------------ISTD--------------------
50)m 2-HEXANONE        0.664 0.599 0.759 0.610 0.967 0.821 0.788 0.744  17.62
51)m TETRACHLOROETHYLE 0.272 0.263 0.316 0.263 0.450 0.409 0.461 0.348  25.76
52)m DIBROMOCHLOROMETH 0.443 0.468 0.588 0.494 0.862 0.785 0.856 0.642  29.11
53)m 1,2-DIBROMOETHANE 0.335 0.343 0.490 0.400 0.667 0.585 0.632 0.493  27.95
54)m CHLOROBENZENE     0.455 0.469 0.666 0.556 0.897 0.783 0.860 0.669  27.28
55)m ETHYLBENZENE      0.867 0.833 1.168 0.972 1.543 1.323 1.382 1.155  23.71
56)m m,p-XYLENE        0.295 0.295 0.426 0.364 0.583 0.504 0.523 0.427  26.75
57)m o-XYLENE          0.253 0.304 0.425 0.363 0.578 0.505 0.513 0.420  28.45
58)m STYRENE           0.241 0.276 0.527 0.478 0.790 0.704 0.737 0.536  41.07
  ----- Linear regression  (equal Weighting)-----  Coefficient =  0.9973
              Response Ratio = -0.03894 + 0.74434 *A

59)m NONANE            0.962 0.902 1.076 0.840 1.286 1.012 0.894 0.996  15.08
60)m BROMOFORM         0.274 0.269 0.421 0.362 0.629 0.604 0.698 0.465  38.02
         ----- Quadratic regression -----  Coefficient =  0.9982
              Response Ratio = -0.02401 + 0.54622 *A + 0.03935 *A^2

61)S 4-BROMOFLUOROBENZ 0.830 0.843 0.836 0.845 0.882 0.884 0.854 0.853   2.51
62)m 1,1,2,2-TETRACHLO 0.570 0.603 0.648 0.565 0.923 0.797 0.794 0.700  19.79
63)m ISOPROPYLBENZENE  0.969 0.977 1.241 1.031 1.675 1.430 1.469 1.256  22.09
64)m 2-CHLOROTOLUENE   0.769 0.684 0.953 0.774 1.273 1.114 1.130 0.957  23.28
65)m 4-ETHYLTOLUENE    0.714 0.752 1.068 0.920 1.515 1.350 1.365 1.098  28.99
66)m 1,3,5-TRIMETHYLBE 0.823 0.830 1.068 0.874 1.434 1.252 1.257 1.077  22.66
67)m 1,2,4-TRIMETHYLBE 0.730 0.713 0.953 0.815 1.362 1.183 1.206 0.994  25.90
68)m m-DICHLOROBENZENE 0.258 0.283 0.465 0.403 0.722 0.660 0.719 0.501  39.84
  ----- Linear regression  (equal Weighting)-----  Coefficient =  0.9964
              Response Ratio = -0.05701 + 0.72487 *A

69)m BENZYL CHLORIDE   0.175 0.218 0.457 0.430 0.772 0.720 0.775 0.507  50.32
  ----- Linear regression  (equal Weighting)-----  Coefficient =  0.9969
              Response Ratio = -0.06531 + 0.78393 *A

70)m p-DICHLOROBENZENE 0.158 0.210 0.464 0.386 0.684 0.616 0.675 0.456  47.32
  ----- Linear regression  (equal Weighting)-----  Coefficient =  0.9963
              Response Ratio = -0.05181 + 0.67901 *A

71)m o-DICHLOROBENZENE 0.315 0.358 0.469 0.388 0.680 0.626 0.667 0.501  30.94
  ----- Linear regression  (equal Weighting)-----  Coefficient =  0.9970
              Response Ratio = -0.04471 + 0.67245 *A

72)m HEXACHLOROBUTADIE 0.627 0.616 0.180 0.152 0.252 0.216 0.228 0.324  63.30
  ----- Linear regression  (equal Weighting)-----  Coefficient =  0.9953
              Response Ratio = -0.00089 + 0.22611 *A

73)m 1,2,4-TRICHLOROBE 0.049 0.077 0.083 0.078 0.146 0.138 0.153 0.103  39.80
  ----- Linear regression  (equal Weighting)-----  Coefficient =  0.9959
              Response Ratio = -0.01469 + 0.15396 *A

74)m NAPHTHALENE                                                0.000  -1.00
75)  2-METHYLNAPHTHALE                                          0.000  -1.00
76)  1-METHYLNAPHTHALE                                          0.000  -1.00
-------------------------------------------------------------------------
```

Initial Calibration Summary

Job Number: M65960 **Sample:** MSQ204-ICC204
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3801.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

(#) = Out of Range

Q062507T.m Tue Jun 26 09:21:53 2007 RPT1

Initial Calibration Verification

Job Number: M65960 **Sample:** MSQ204-ICV204
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3805.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Q3805.D Vial: 3
Acq On : 25 Jun 2007 9:01 pm Operator: PhilipB
Sample : ICV204-10 (M080) Inst : MAMSQ
Misc : MS13781, MSQ204,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\msdchem\1\METHODS\Q062507T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Tue Jun 26 08:41:33 2007
Response via : Multiple Level Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	RT Window
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	138	0.00	8.43- 8.84
2	m	DICHLORODIFLUOROMETHAN	6.372	4.679	26.6	86	0.00	3.83- 4.24
3	m	PROPYLENE	1.613	1.248	22.6	93	0.00	3.76- 4.17
4	m	FREON 114	5.523	4.033	27.0	90	0.00	4.09- 4.50
5	m	CHLOROMETHANE	2.227	1.779	20.1	101	0.00	4.00- 4.41
6	m	VINYL CHLORIDE	2.063	1.564	24.2	89	0.00	4.21- 4.63
7	m	1,3-BUTADIENE	1.699	1.435	15.5	111	0.00	4.35- 4.76
8	m	BROMOMETHANE	1.746	1.255	28.1	87	0.00	4.62- 5.04
9	m	CHLOROETHANE	0.718	0.593	17.4	93	0.00	4.80- 5.21
10	m	TRICHLOROFLUOROMETHANE	6.080	4.595	24.4	95	0.00	5.58- 5.99
11	m	ISOPROPYL ALCOHOL	2.937	2.217	24.5	94	0.00	5.59- 6.06
12	m	ACETONE	2.677	1.885	29.6	93	0.00	5.39- 5.80
13	m	PENTANE	1.860	1.514	18.6	102	0.00	5.99- 6.30
14	m	1,1-DICHLOROETHYLENE	1.627	1.385	14.9	103	0.00	6.22- 6.63
15	m	CARBON DISULFIDE	4.535	4.031	11.1	106	0.00	6.65- 7.06
16	m	ETHANOL	0.548	0.412	24.8	97	0.00	4.87- 5.33
17	m	BROMOETHENE	1.647	1.185	28.1	85	0.00	5.16- 5.58
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	7.661	23.4	99	0.00	6.39- 6.69
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	1.470	1.466	0.3	128	0.00	6.45- 6.87
20	m	FREON 113	2.667	2.008	24.7	92	0.00	6.59- 7.01
21	m	TRANS-1,2-DICHLOROETHY	1.436	1.254	12.7	100	0.00	7.27- 7.68
22	m	TERTIARY BUTYL ALCOHOL	3.626	3.618	0.2	118	0.00	6.17- 6.69
23	m	METHYL TERTIARY BUTYL	3.124	2.717	13.0	102	0.00	7.51- 7.92
24	m	TETRAHYDROFURAN	1.737	1.892	-8.9	114	0.00	9.00- 9.29
25	m	HEXANE	3.125	2.711	13.2	106	0.00	8.46- 8.87
26	m	VINYL ACETATE	2.848	2.963	-4.0	130	0.00	7.61- 7.96
27	m	1,1-DICHLOROETHANE	2.915	2.767	5.1	112	0.00	7.46- 7.87
28	m	METHYL ETHYL KETONE	3.510	3.517	-0.2	110	0.00	7.79- 8.28
29	m	cis-1,2-DICHLOROETHYLE	1.199	1.132	5.6	94	0.00	8.26- 8.68
30	m	ETHYL ACETATE	6.036	5.963	1.2	114	0.00	8.46- 8.88
31	m	CHLOROFORM	3.438	2.779	19.2	89	0.00	8.55- 8.96
32	m	1,1,1-TRICHLOROETHANE	3.615	2.594	28.2	80	0.00	9.50- 9.91
33	m	CARBON TETRACHLORIDE	4.285	3.134	26.9	81	0.00	10.09-10.50
34	m	1,2-DICHLOROETHANE	2.535	1.980	21.9	87	0.00	9.26- 9.67
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	142	0.00	10.26-10.67
36	m	BENZENE	0.680	0.634	6.8	102	0.00	9.94-10.36
37	m	CYCLOHEXANE	0.350	0.310	11.4	100	0.00	10.21-10.62

Initial Calibration Verification

Job Number: M65960 **Sample:** MSQ204-ICV204
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3805.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

38	m	TRICHLOROETHYLENE	0.384	0.339	11.7	94	0.00	10.99-11.30
39	m	1,2-DICHLOROPROPANE	0.301	0.309	-2.7	106	0.00	10.72-11.13
40	m	BROMODICHLOROMETHANE	0.665	0.538	19.1	87	0.00	10.95-11.26
41	m	2,2,4-TRIMETHYLPENTANE	1.734	1.816	-4.7	113	0.00	10.97-11.38
42	m	1,4-DIOXANE	0.127	0.126	0.8	104	0.00	10.87-11.40
43	m	HEPTANE	0.711	0.765	-7.6	119	0.00	11.25-11.56
44	m	METHYL ISOBUTYL KETONE	0.792	0.894	-12.9	121	0.00	11.76-12.20
45	m	cis-1,3-DICHLOROPROPEN	0.371	0.373	-0.5	103	0.00	11.76-12.17
46	m	TOLUENE	0.458	0.412	10.0	99	0.00	12.72-13.13
47	m	trans-1,3-DICHLOROPROP	0.356	0.294	17.4	88	0.00	12.31-12.62
48	m	1,1,2-TRICHLOROETHANE	0.248	0.239	3.6	102	0.00	12.47-12.83
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	137	0.00	14.55-14.86
50	m	2-HEXANONE	0.744	0.846	-13.7	120	0.00	12.95-13.35
51	m	TETRACHLOROETHYLENE	0.348	0.271	22.1	83	0.00	13.85-14.26
52	m	DIBROMOCHLOROMETHANE	0.642	0.530	17.4	84	0.00	13.17-13.53
53	m	1,2-DIBROMOETHANE	0.493	0.459	6.9	94	0.00	13.45-13.76
54	m	CHLOROBENZENE	0.669	0.635	5.1	97	0.00	14.60-14.91
55	m	ETHYLBENZENE	1.155	1.088	5.8	97	0.00	14.95-15.31
56	m	m,p-XYLENE	0.427	0.423	0.9	99	0.00	15.15-15.51
57	m	o-XYLENE	0.420	0.419	0.2	99	0.00	15.64-16.01
		----------	True	Calc.	% Drift		----------	
58	m	STYRENE	10.000	8.398	16.0	102	0.00	15.55-15.86
		----------	AvgRF	CCRF	% Dev		----------	
59	m	NONANE	0.996	1.088	-9.2	116	0.00	15.87-16.18
		----------	True	Calc.	% Drift		----------	
60	m	BROMOFORM	10.000	7.264	27.4	86	0.00	15.27-15.58
		----------	AvgRF	CCRF	% Dev		----------	
61	S	4-BROMOFLUOROBENZENE	0.853	0.695	18.5	108	0.00	16.17-16.48
62	m	1,1,2,2-TETRACHLOROETH	0.700	0.760	-8.6	113	0.00	15.66-15.97
63	m	ISOPROPYLBENZENE	1.256	0.961	23.5	79	0.00	16.31-16.62
64	m	2-CHLOROTOLUENE	0.957	0.762	20.4	82	0.00	16.81-17.23
65	m	4-ETHYLTOLUENE	1.098	0.853	22.3	77	0.00	17.08-17.34
66	m	1,3,5-TRIMETHYLBENZENE	1.077	0.901	16.3	86	0.00	17.17-17.43
67	m	1,2,4-TRIMETHYLBENZENE	0.994	0.877	11.8	88	0.00	17.60-17.91
		----------	True	Calc.	% Drift		----------	
68	m	m-DICHLOROBENZENE	10.000	7.471	25.3	92	0.00	17.78-18.11
69	m	BENZYL CHLORIDE	10.000	7.782	22.2	97	0.00	17.76-18.07
70	m	p-DICHLOROBENZENE	10.000	7.783	22.2	95	0.00	17.90-18.14
71	m	o-DICHLOROBENZENE	10.000	7.475	25.3	92	0.00	18.25-18.56
72	m	HEXACHLOROBUTADIENE	10.000	9.115	8.8	111	0.00	20.59-21.00
73	m	1,2,4-TRICHLOROBENZENE	10.000	10.290	-2.9	135	0.00	20.10-20.51
		----------	AvgRF	CCRF	% Dev		----------	
74	m	NAPHTHALENE		----------NA----------				
75		2-METHYLNAPHTHALENE		----------NA----------				
76		1-METHYLNAPHTHALENE		----------NA----------				

(#) = Out of Range SPCC's out = 0 CCC's out = 0
Q3800.D Q062507T.m Tue Jun 26 08:42:40 2007 RPT1

Initial Calibration Summary

Job Number: M65960 **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: M65960 **Sample:** MSQ208-ICC208
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3876.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
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: M65960 **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
```

5.9

5

Initial Calibration Verification

Job Number: M65960 **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: M65960 **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: M65960 **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
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Continuing Calibration Summary

Job Number: M65960 **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: M65960 **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: M65960 **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
```

GC/MS Volatiles

Raw Data

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
07/10/07 12:35

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3895.D
Acq On : 3 Jul 2007 6:30 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 09:41:12 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

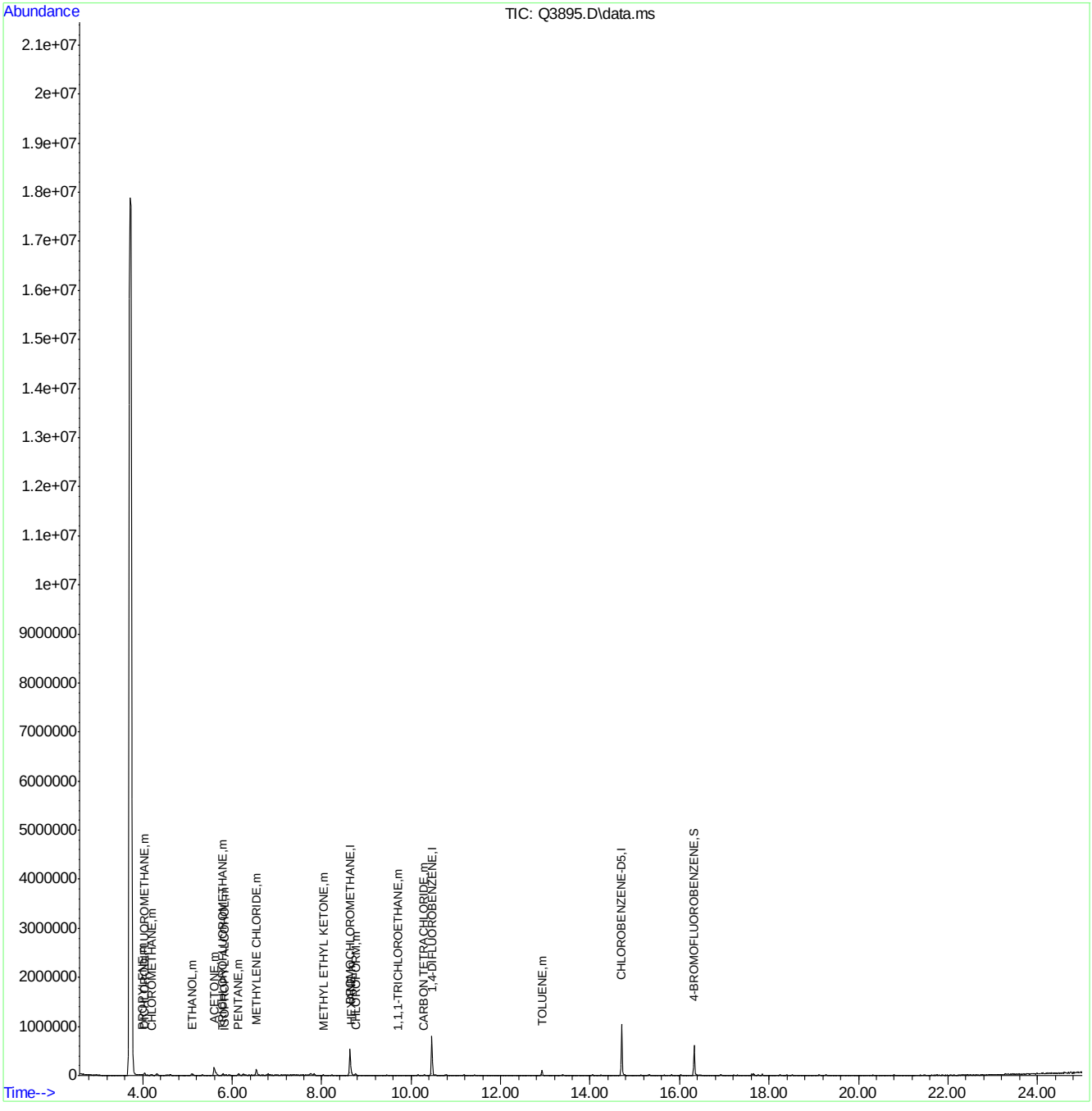
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	91608	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.463	114	427140	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.703	117	363541	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.322	95	151394	4.44	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 88.80%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.037	85	50457	0.64	PPBV	87
3) PROPYLENE	3.985	41	7180m	0.95	PPBV	
5) CHLOROMETHANE	4.198	50	10044	1.02	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.794	101	29580m	0.34	PPBV	
11) ISOPROPYL ALCOHOL	5.842	45	9776m	0.35	PPBV	
12) ACETONE	5.595	43	258310	9.30	PPBV	79
13) PENTANE	6.138	42	11537m	0.70	PPBV	
16) ETHANOL	5.102	45	36304m	8.98	PPBV	
18) METHYLENE CHLORIDE	6.537	84	51265	3.60	PPBV	85
25) HEXANE	8.665	57	11044m	0.87	PPBV	
28) METHYL ETHYL KETONE	8.048	43	15522	0.85	PPBV	84
31) CHLOROFORM	8.751	83	18717	0.55	PPBV	97
32) 1,1,1-TRICHLOROETHANE	9.720	97	2911m	0.08	PPBV	
33) CARBON TETRACHLORIDE	10.282	117	8343m	0.18	PPBV	
46) TOLUENE	12.920	92	32082	1.92	PPBV	95

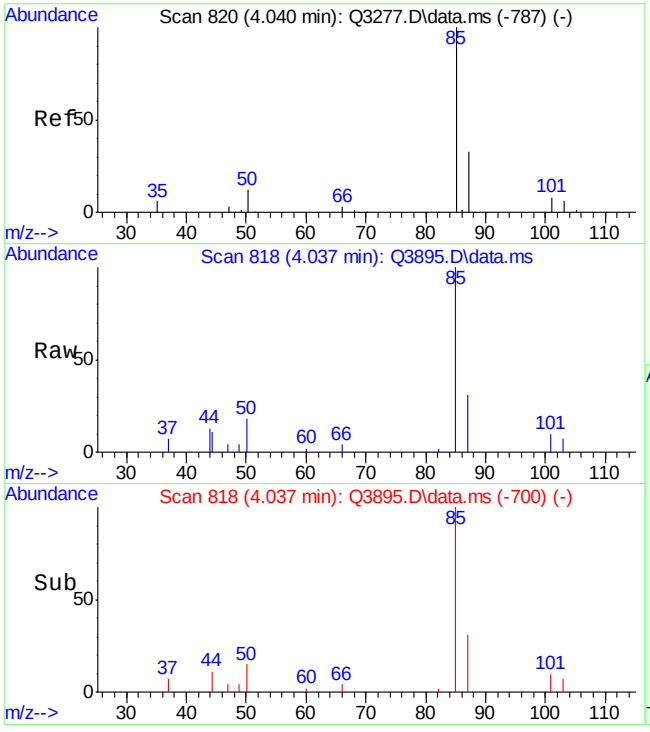
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3895.D
Acq On : 3 Jul 2007 6:30 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 09:41:12 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

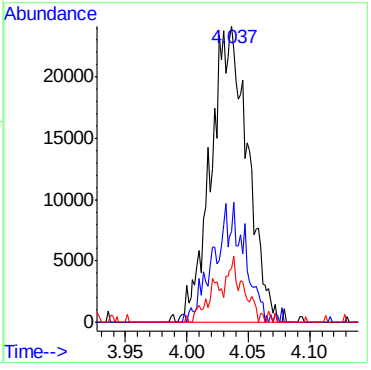


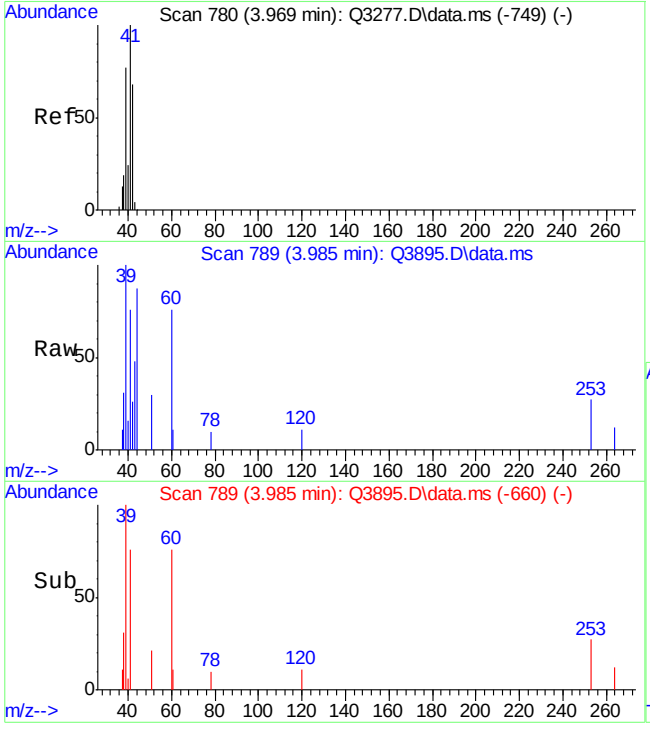


#2
DICHLORODIFLUOROMETHANE
Concen: 0.64 PPBV
RT: 4.037 min Scan# 818
Delta R.T. 0.004 min
Lab File: Q3895.D
Acq: 3 Jul 2007 6:30 pm

Tgt Ion: 85 Resp: 50457

Ion	Ratio	Lower	Upper
85	100		
87	23.0	12.1	52.1
50	15.7	0.0	33.8

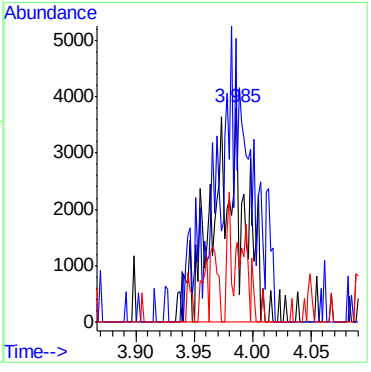


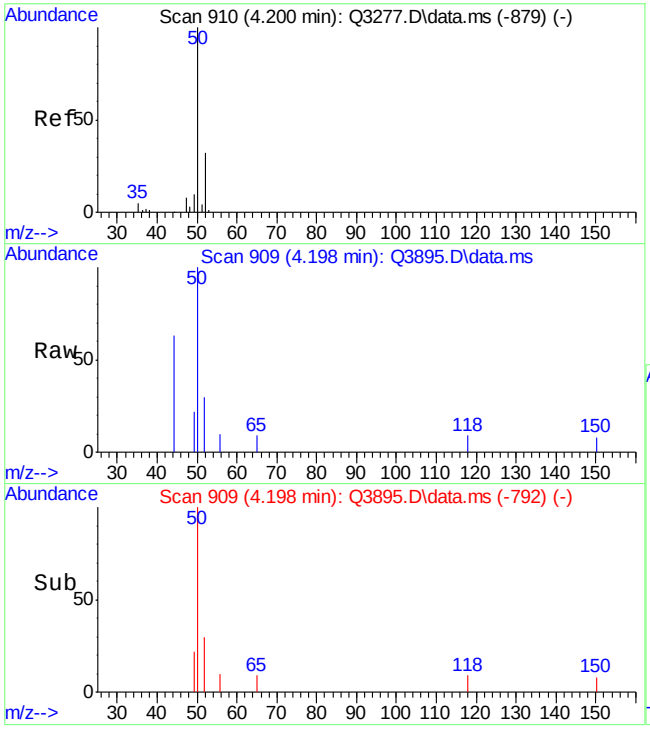


#3
PROPYLENE
Concen: 0.95 PPBV m
RT: 3.985 min Scan# 789
Delta R.T. 0.022 min
Lab File: Q3895.D
Acq: 3 Jul 2007 6:30 pm

Tgt Ion: 41 Resp: 7180

Ion	Ratio	Lower	Upper
41	100		
39	132.1	52.5	92.5#
42	34.1	47.8	87.8#

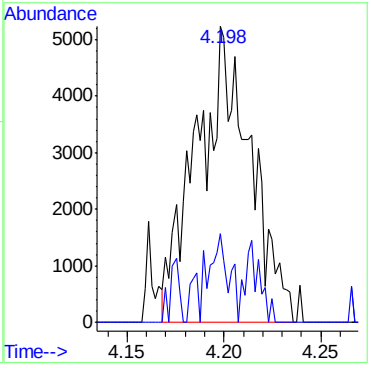


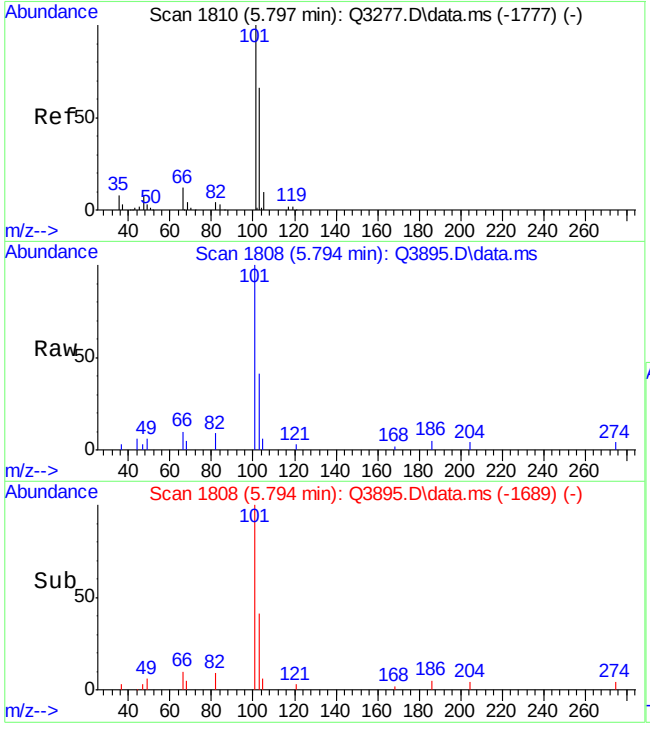


#5
CHLOROMETHANE
Concen: 1.02 PPBV
RT: 4.198 min Scan# 909
Delta R.T. 0.002 min
Lab File: Q3895.D
Acq: 3 Jul 2007 6:30 pm

Tgt Ion: 50 Resp: 10044

Ion	Ratio	Lower	Upper
50	100		
52	31.8	12.2	52.2

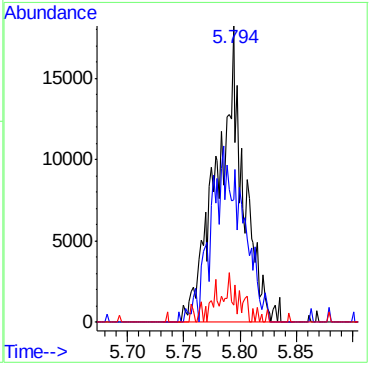


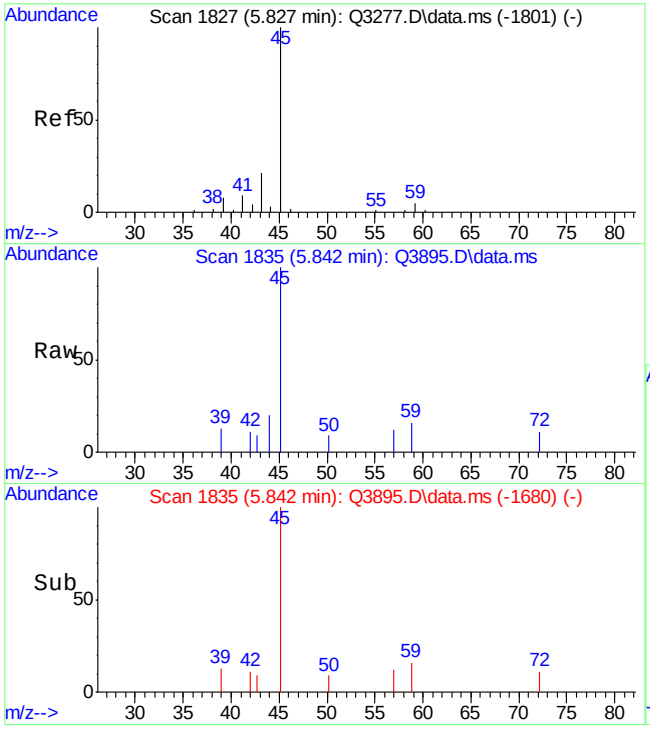


#10
TRICHLOROFLUOROMETHANE
Concen: 0.34 PPBV m
RT: 5.794 min Scan# 1808
Delta R.T. 0.005 min
Lab File: Q3895.D
Acq: 3 Jul 2007 6:30 pm

Tgt Ion:101 Resp: 29580

Ion	Ratio	Lower	Upper
101	100		
103	71.8	44.3	84.3
105	6.7	0.0	30.2

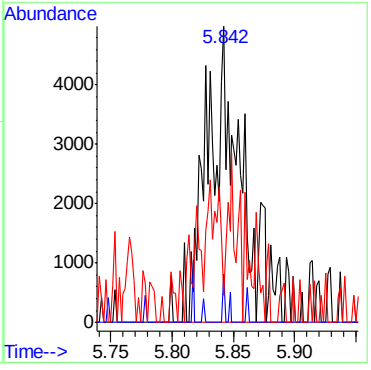


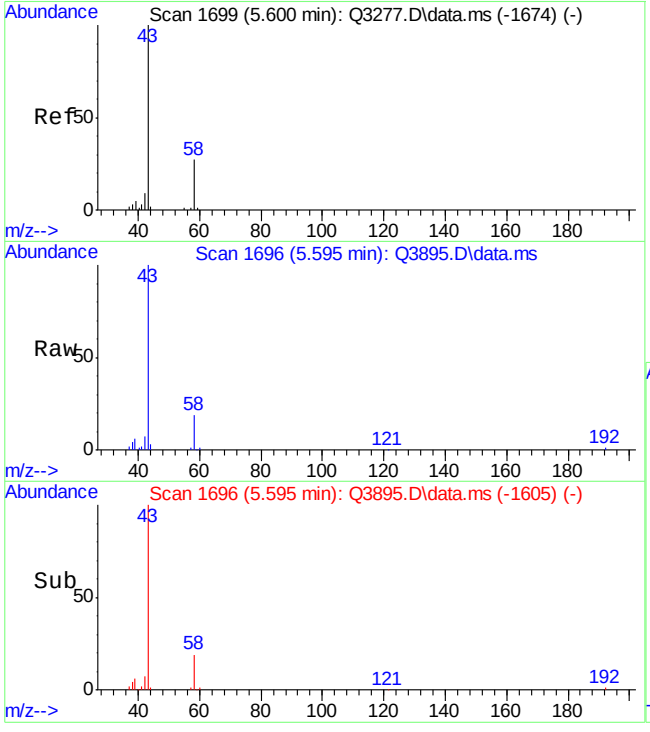


#11
ISOPROPYL ALCOHOL
Concen: 0.35 PPBV m
RT: 5.842 min Scan# 1835
Delta R.T. 0.017 min
Lab File: Q3895.D
Acq: 3 Jul 2007 6:30 pm

Tgt Ion: 45 Resp: 9776

Ion	Ratio	Lower	Upper
45	100		
59	16.4	0.0	23.7
43	9.1	0.0	39.7

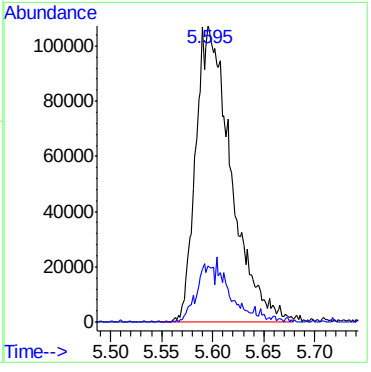




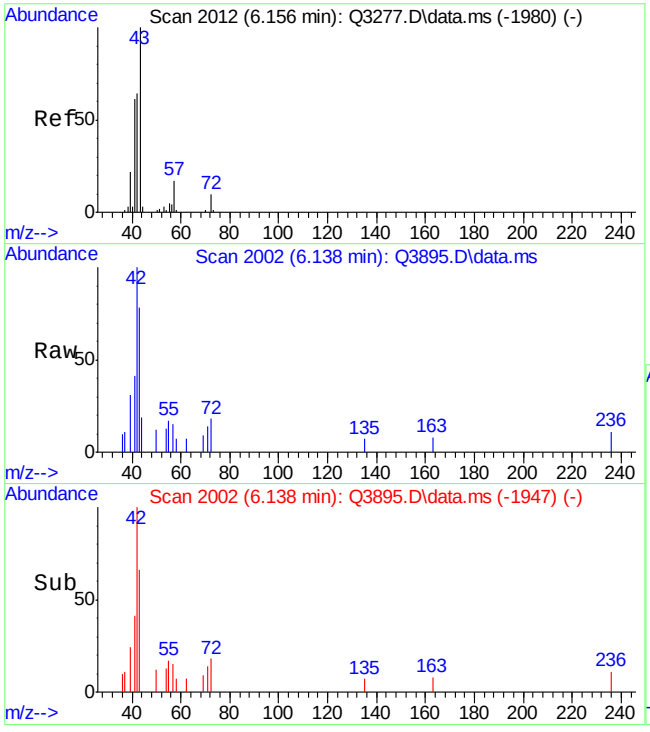
#12
ACETONE
Concen: 9.30 PPBV
RT: 5.595 min Scan# 1696
Delta R.T. 0.006 min
Lab File: Q3895.D
Acq: 3 Jul 2007 6:30 pm

Tgt Ion: 43 Resp: 258310

Ion	Ratio	Lower	Upper
43	100		
58	18.0	9.0	49.0



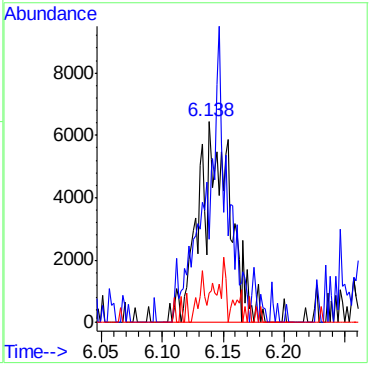
ACCUTEST Laboratories M65960

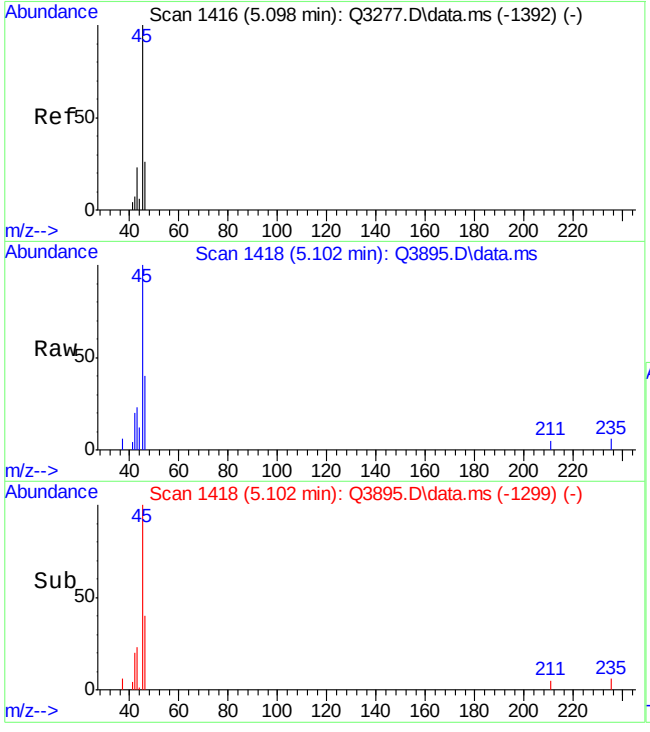


#13
PENTANE
Concen: 0.70 PPBV m
RT: 6.138 min Scan# 2002
Delta R.T. -0.005 min
Lab File: Q3895.D
Acq: 3 Jul 2007 6:30 pm

Tgt Ion: 42 Resp: 11537

Ion	Ratio	Lower	Upper
42	100		
41	99.1	74.8	114.8
57	8.1	8.9	48.9#

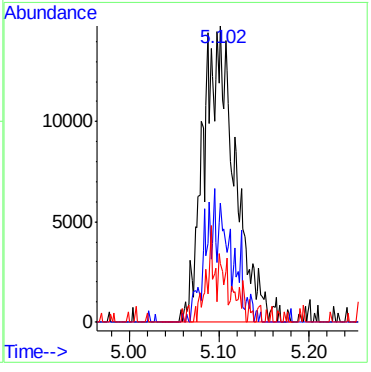


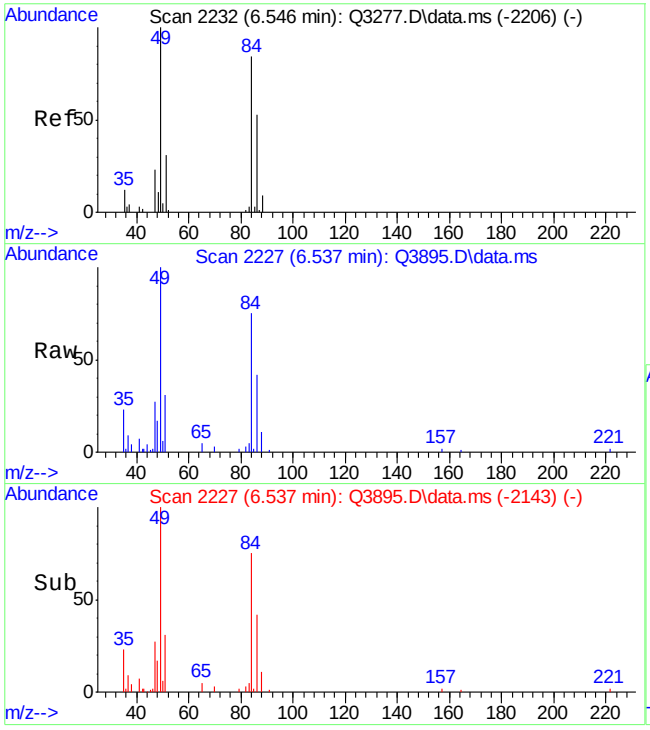


#16
ETHANOL
Concen: 8.98 PPBV m
RT: 5.102 min Scan# 1418
Delta R.T. 0.006 min
Lab File: Q3895.D
Acq: 3 Jul 2007 6:30 pm

Tgt Ion: 45 Resp: 36304

Ion	Ratio	Lower	Upper
45	100		
46	15.0	14.7	54.7
42	17.3	0.0	28.4

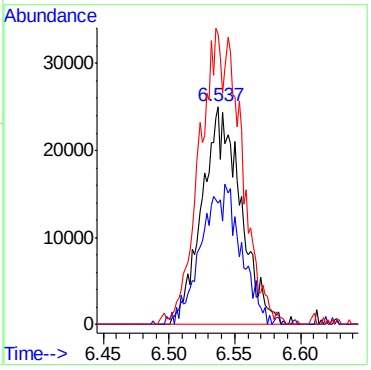


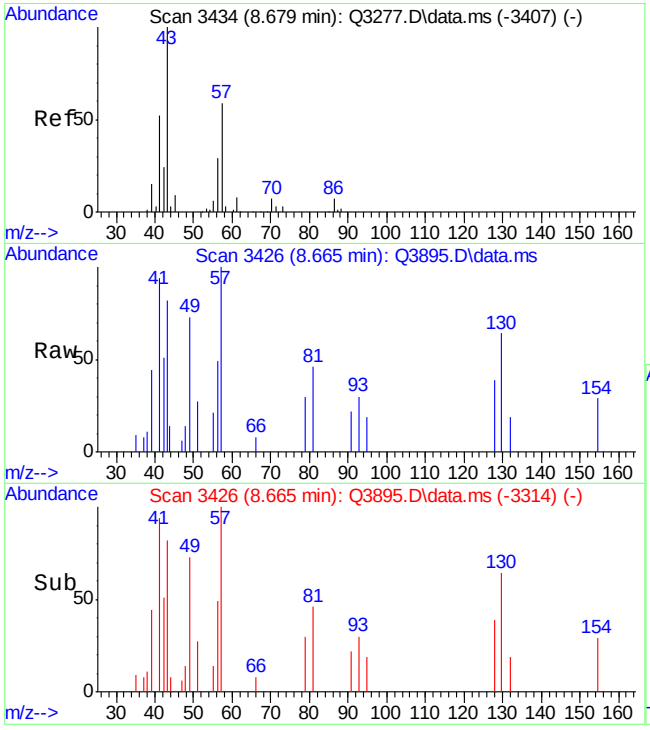


#18
METHYLENE CHLORIDE
Concen: 3.60 PPBV
RT: 6.537 min Scan# 2227
Delta R.T. -0.002 min
Lab File: Q3895.D
Acq: 3 Jul 2007 6:30 pm

Tgt Ion: 84 Resp: 51265

Ion	Ratio	Lower	Upper
84	100		
86	65.9	44.1	84.1
49	145.8	0.0	372.3

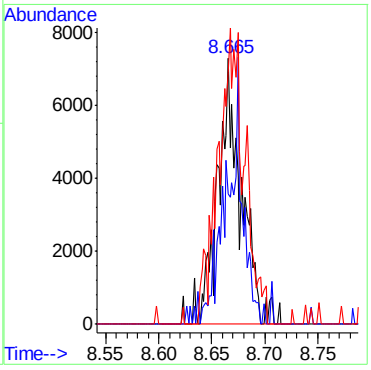


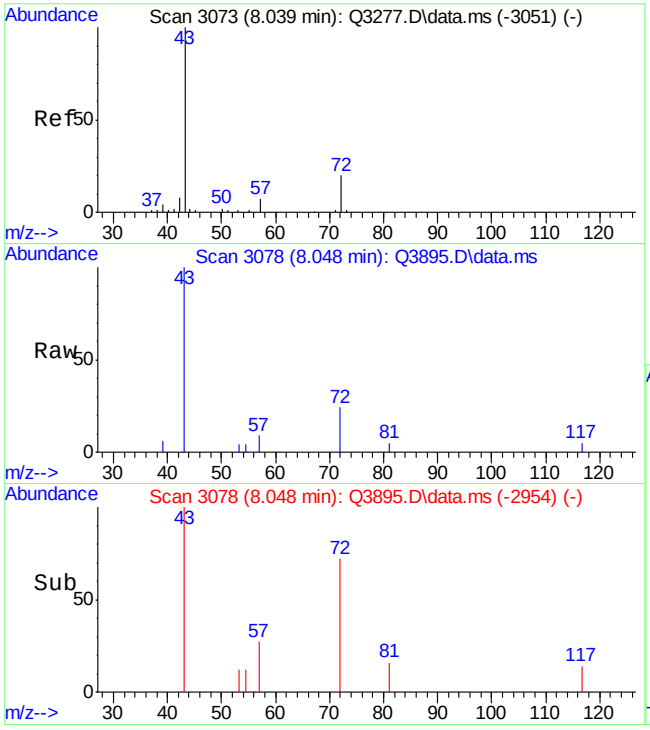


#25
HEXANE
Concen: 0.87 PPBV m
RT: 8.665 min Scan# 3426
Delta R.T. -0.007 min
Lab File: Q3895.D
Acq: 3 Jul 2007 6:30 pm

Tgt Ion: 57 Resp: 11044

Ion	Ratio	Lower	Upper
57	100		
56	67.9	34.3	74.3
41	126.8	58.9	98.9#

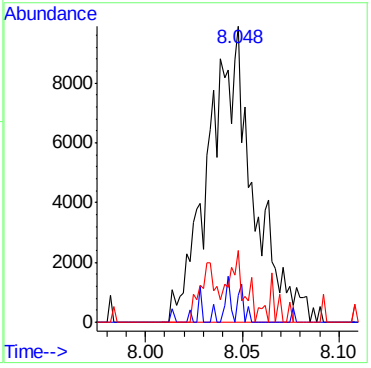


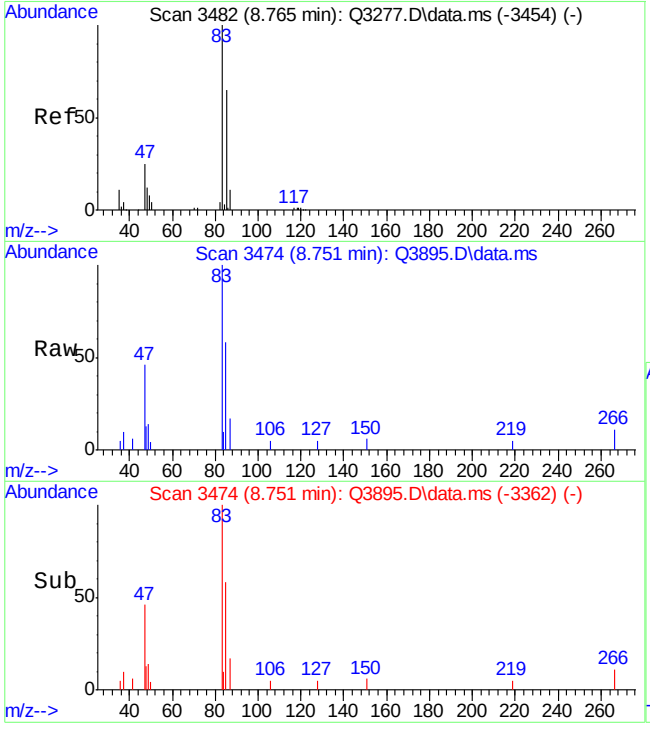


#28
METHYL ETHYL KETONE
Concen: 0.85 PPBV
RT: 8.048 min Scan# 3078
Delta R.T. 0.014 min
Lab File: Q3895.D
Acq: 3 Jul 2007 6:30 pm

Tgt Ion: 43 Resp: 15522

Ion	Ratio	Lower	Upper
43	100		
57	9.0	0.0	27.7
72	24.1	0.0	34.6

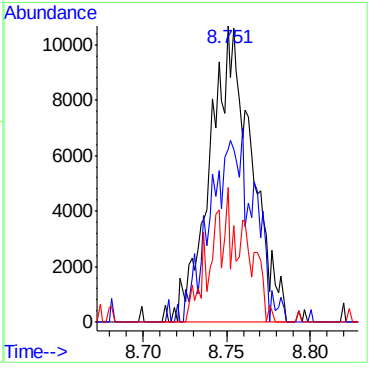


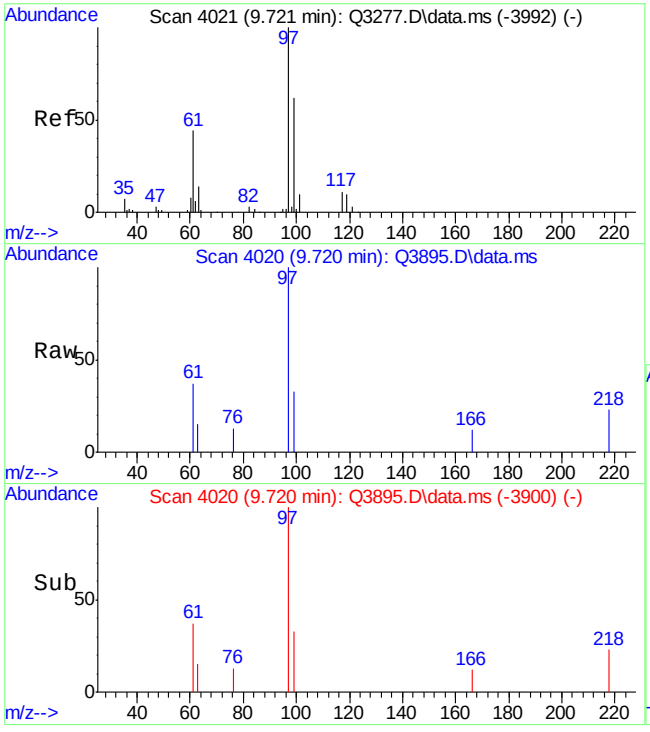


#31
CHLOROFORM
Concen: 0.55 PPBV
RT: 8.751 min Scan# 3474
Delta R.T. -0.007 min
Lab File: Q3895.D
Acq: 3 Jul 2007 6:30 pm

Tgt Ion: 83 Resp: 18717

Ion	Ratio	Lower	Upper
83	100		
85	65.2	44.2	84.2
47	35.5	11.8	51.8

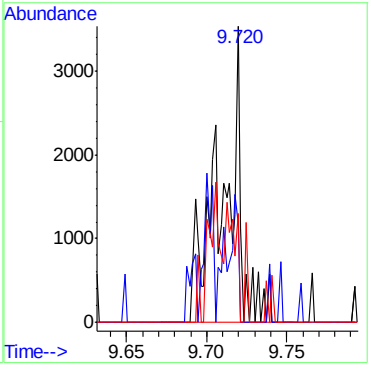


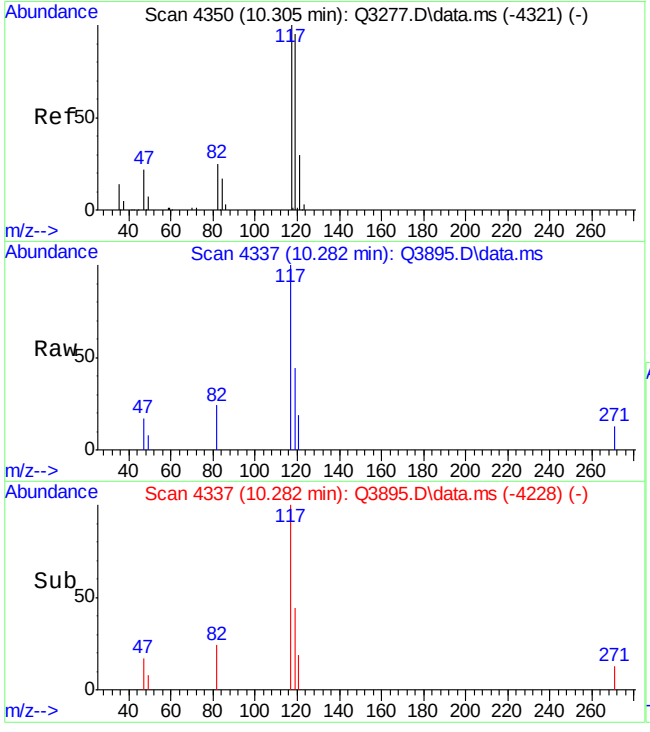


#32
1,1,1-TRICHLOROETHANE
Concen: 0.08 PPBV m
RT: 9.720 min Scan# 4020
Delta R.T. 0.007 min
Lab File: Q3895.D
Acq: 3 Jul 2007 6:30 pm

Tgt Ion: 97 Resp: 2911

Ion	Ratio	Lower	Upper
97	100		
99	21.1	43.7	83.7#
61	27.2	30.0	70.0#

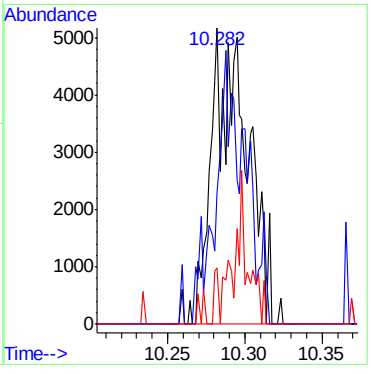


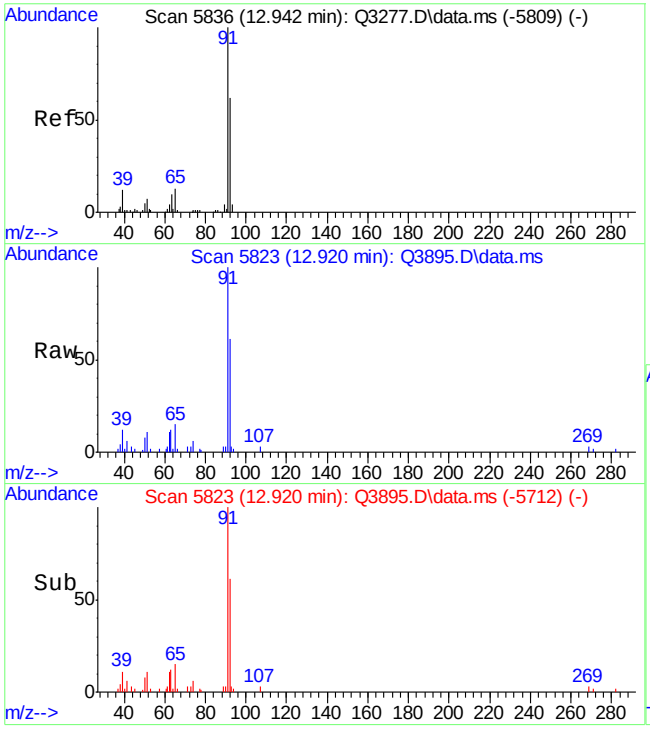


#33
CARBON TETRACHLORIDE
Concen: 0.18 PPBV m
RT: 10.282 min Scan# 4337
Delta R.T. -0.012 min
Lab File: Q3895.D
Acq: 3 Jul 2007 6:30 pm

Tgt Ion:117 Resp: 8343

Ion	Ratio	Lower	Upper
117	100		
119	0.0	79.6	119.6#
121	19.1	12.1	52.1

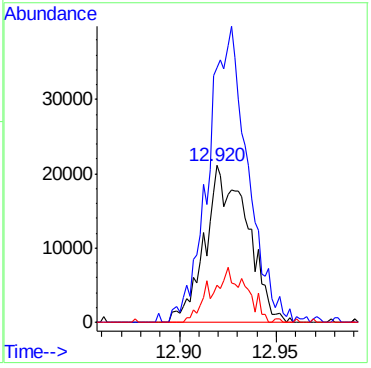




#46
TOLUENE
Concen: 1.92 PPBV
RT: 12.920 min Scan# 5823
Delta R.T. -0.009 min
Lab File: Q3895.D
Acq: 3 Jul 2007 6:30 pm

Tgt Ion: 92 Resp: 32082

Ion	Ratio	Lower	Upper
92	100		
91	174.9	149.0	189.0
65	29.0	4.1	44.1



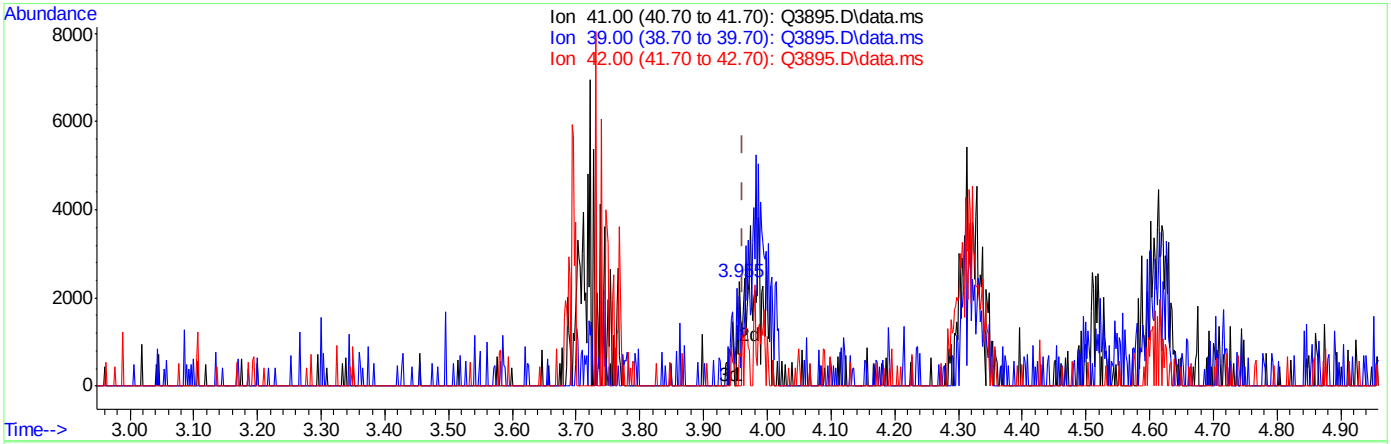
6.1.1

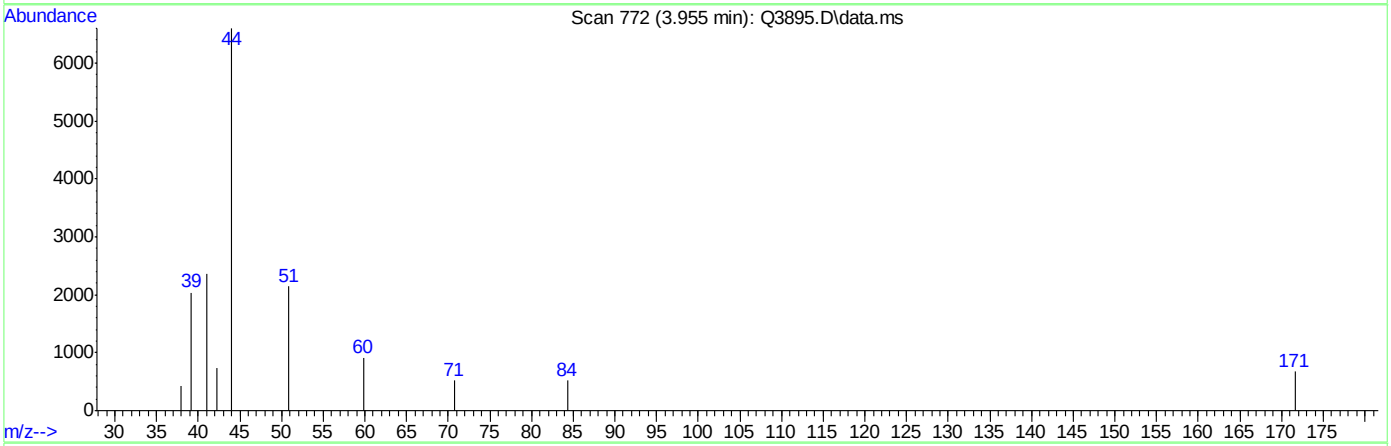
6

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3895.D
Acq On : 3 Jul 2007 6:30 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 09:37:55 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: Q3895.D\data.ms

(3) PROPYLENE (m)

3.955min (-0.008) 0.10PPBV

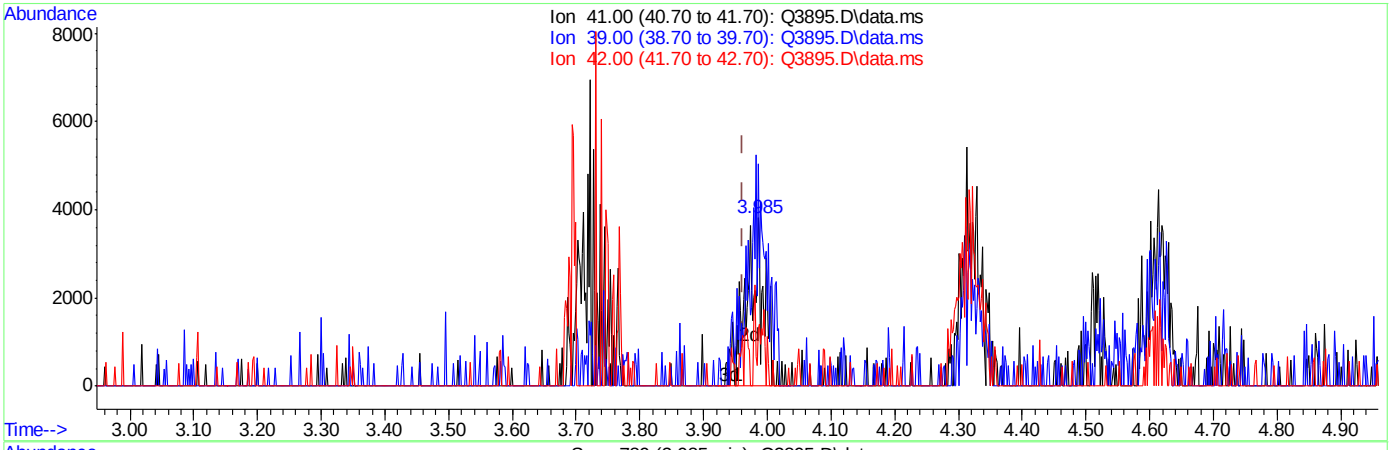
response 760

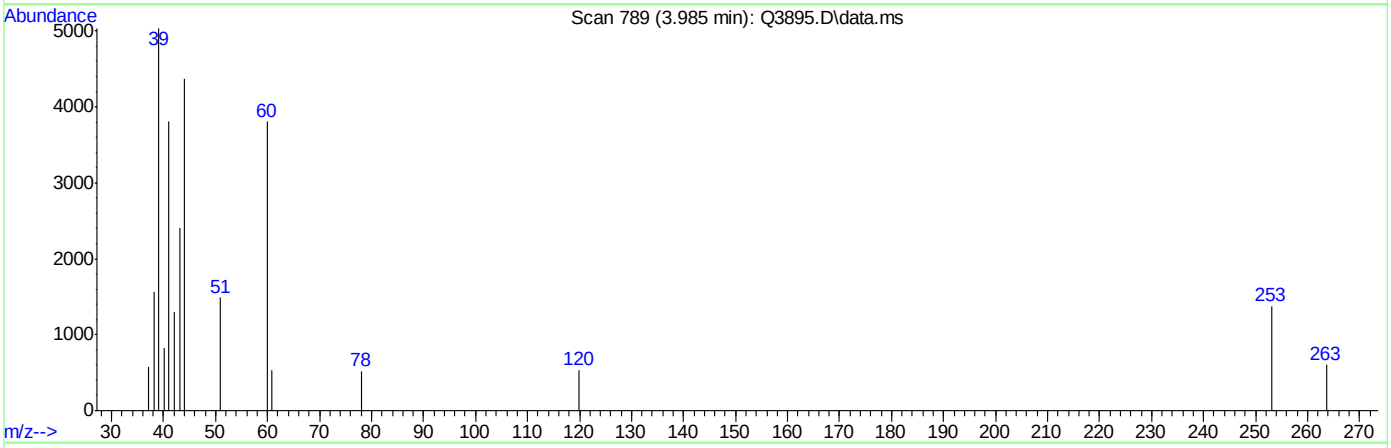
Ion	Exp%	Act%
41.00	100	100
39.00	72.50	86.22
42.00	67.80	31.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3895.D
Acq On : 3 Jul 2007 6:30 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 09:37:55 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: Q3895.D\data.ms

(3) PROPYLENE (m)

3.985min (+0.022) 0.95PPBV m

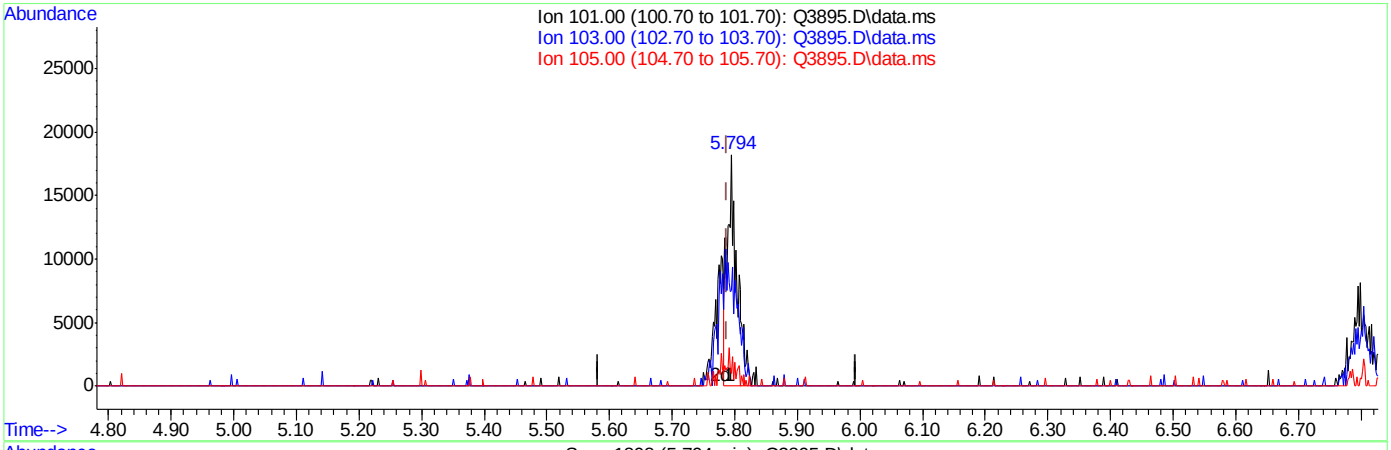
response 7180

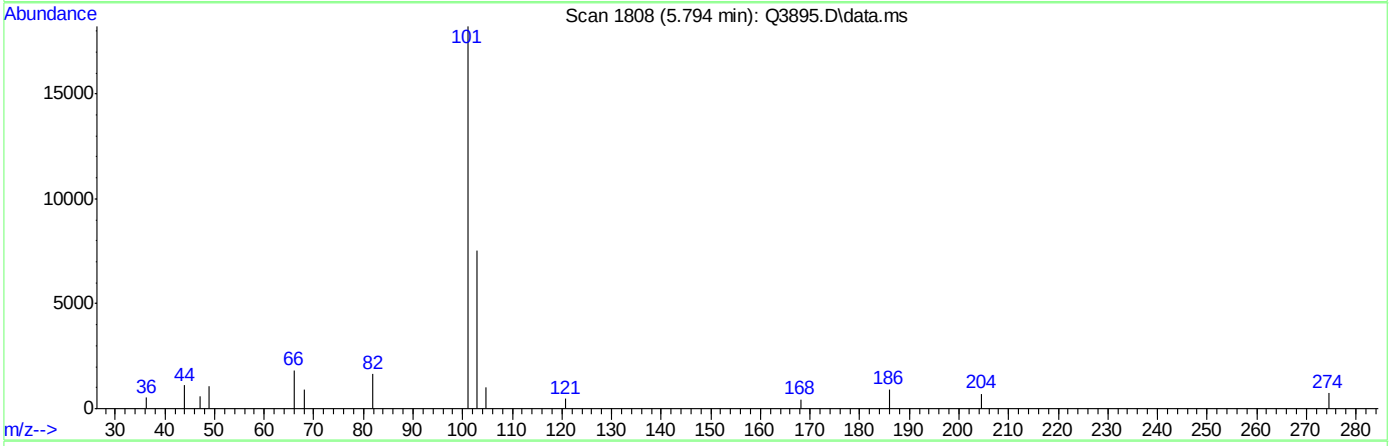
Ion	Exp%	Act%
41.00	100	100
39.00	72.50	132.09#
42.00	67.80	34.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3895.D
Acq On : 3 Jul 2007 6:30 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 09:37:55 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: Q3895.D\data.ms

(10) TRICHLOROFLUOROMETHANE (m)

5.794min (+0.005) 0.22PPBV

response 19741

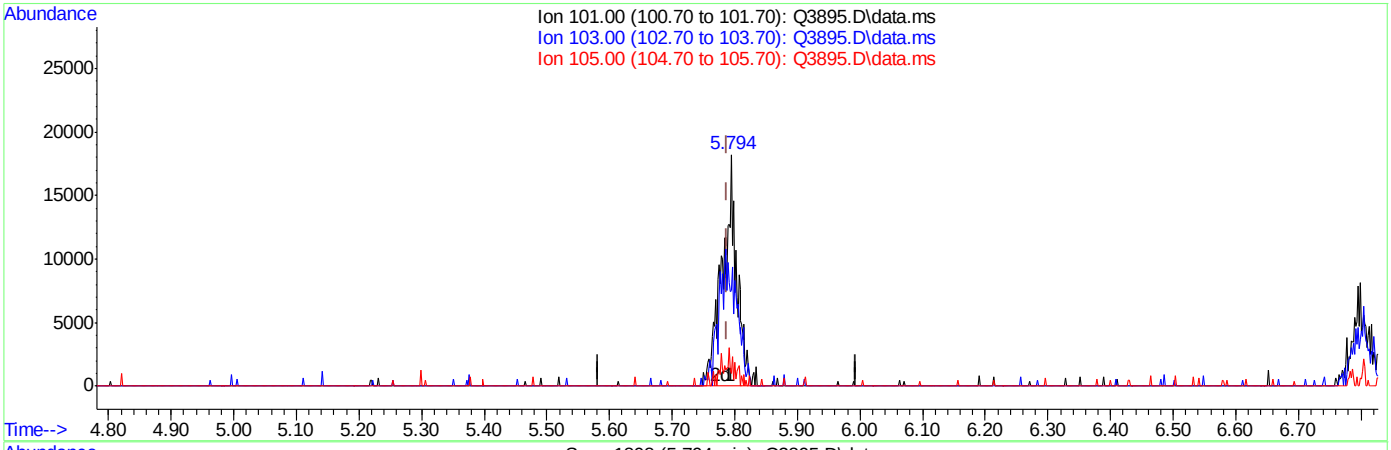
Ion	Exp%	Act%
101.00	100	100
103.00	64.30	107.60#
105.00	10.20	9.98
0.00	0.00	0.00

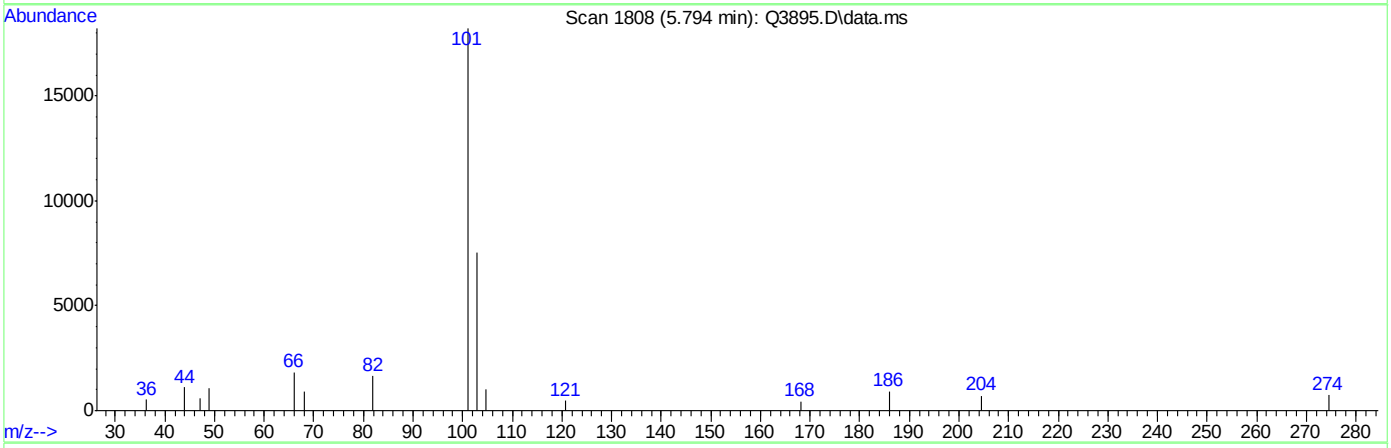
ACCUTEST Laboratories M65960

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3895.D
Acq On : 3 Jul 2007 6:30 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 09:37:55 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: Q3895.D\data.ms

(10) TRICHLOROFLUOROMETHANE (m)

5.794min (+0.005) 0.34PPBV m

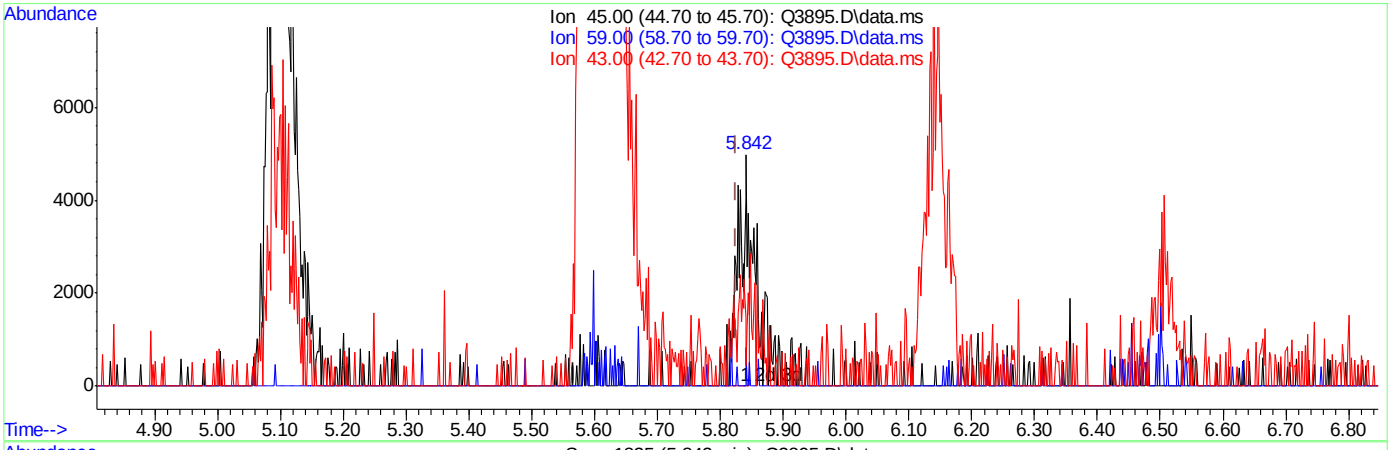
response 29580

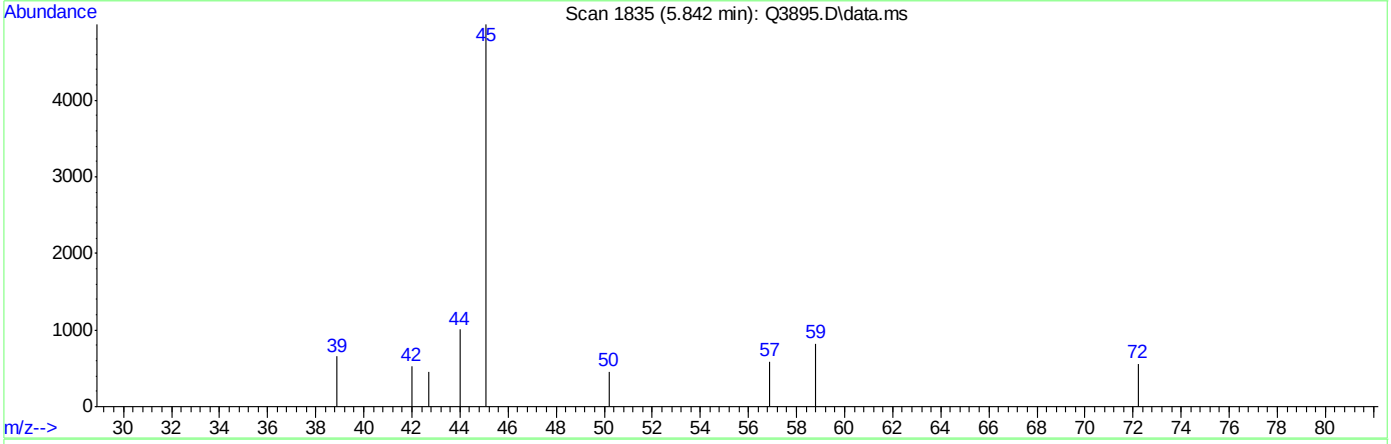
Ion	Exp%	Act%
101.00	100	100
103.00	64.30	71.81
105.00	10.20	6.66
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3895.D
Acq On : 3 Jul 2007 6:30 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 09:37:55 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: Q3895.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.842min (+0.017) 0.19PPBV

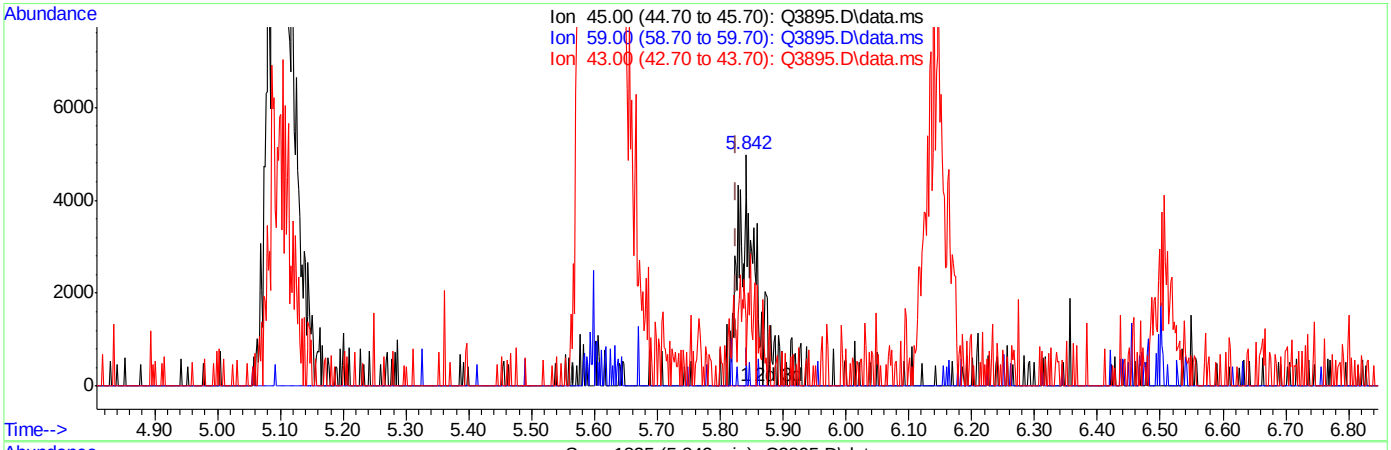
response 5481

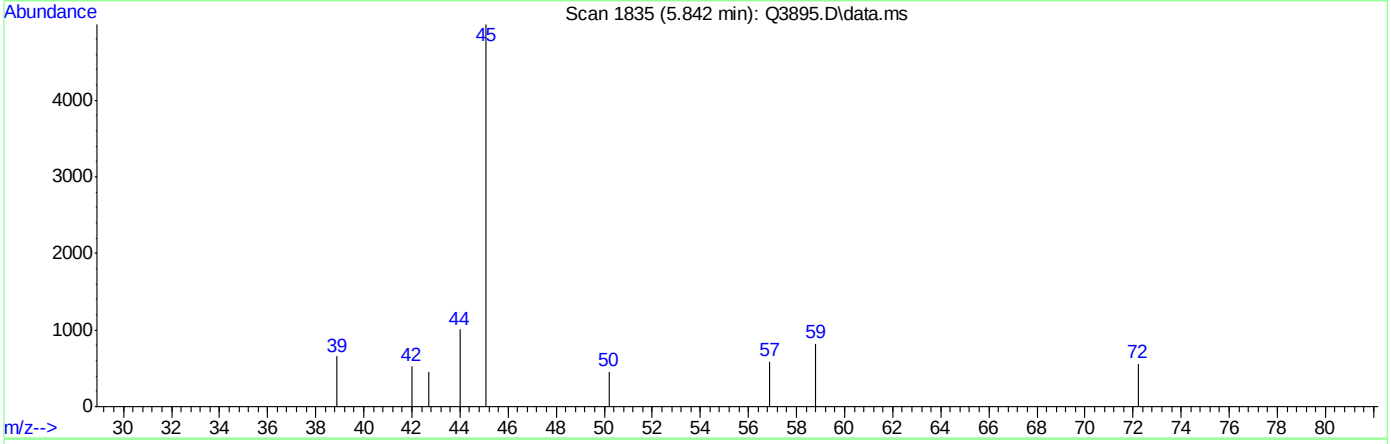
Ion	Exp%	Act%
45.00	100	100
59.00	3.70	16.44
43.00	19.70	9.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3895.D
Acq On : 3 Jul 2007 6:30 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 09:37:55 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: Q3895.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.842min (+0.017) 0.35PPBV m

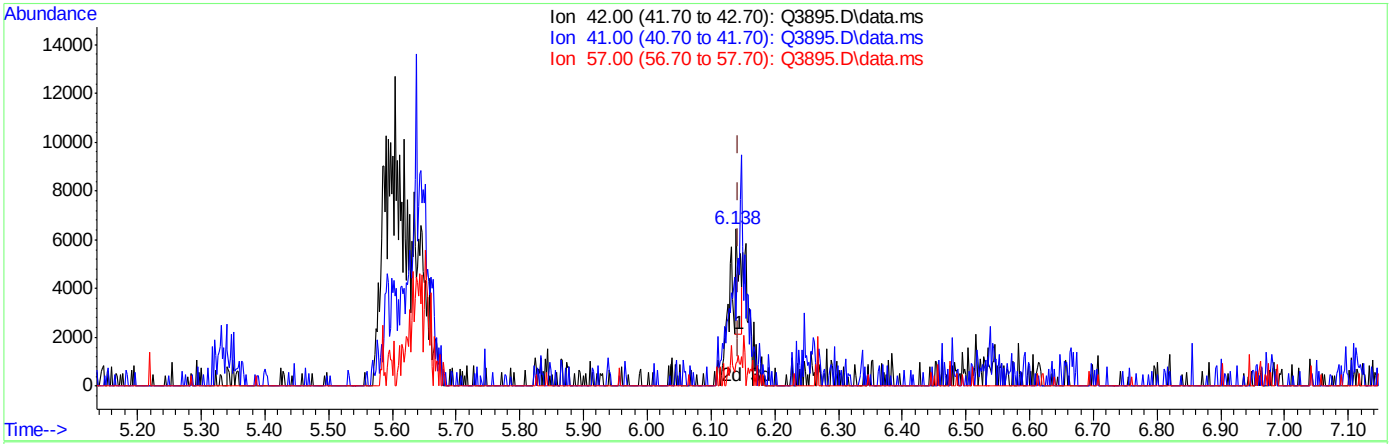
response 9776

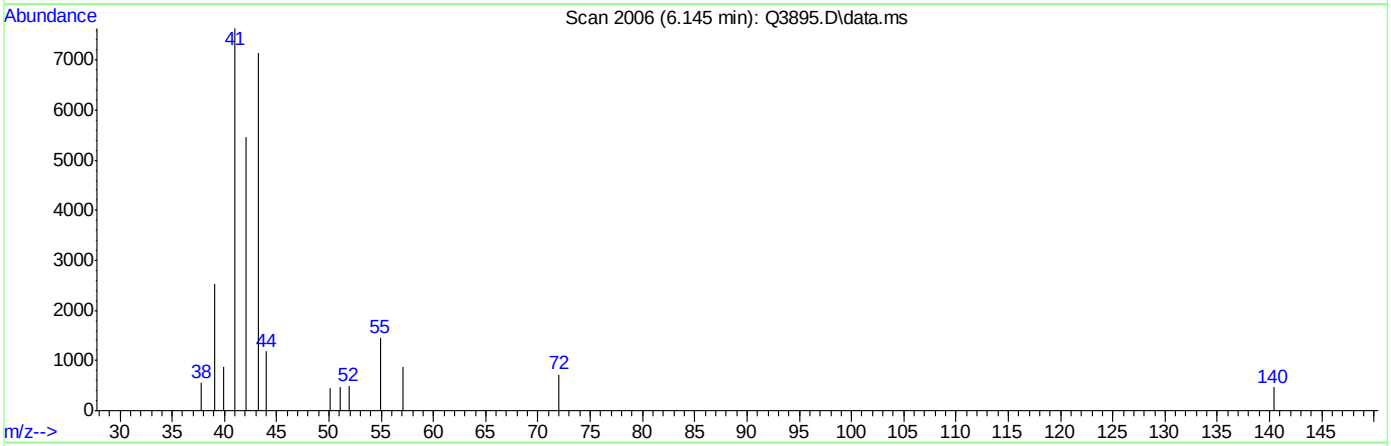
Ion	Exp%	Act%
45.00	100	100
59.00	3.70	16.44
43.00	19.70	9.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3895.D
Acq On : 3 Jul 2007 6:30 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 09:37:55 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: Q3895.D\data.ms

(13) PENTANE (m)

6.145min (+0.002) 0.11PPBV

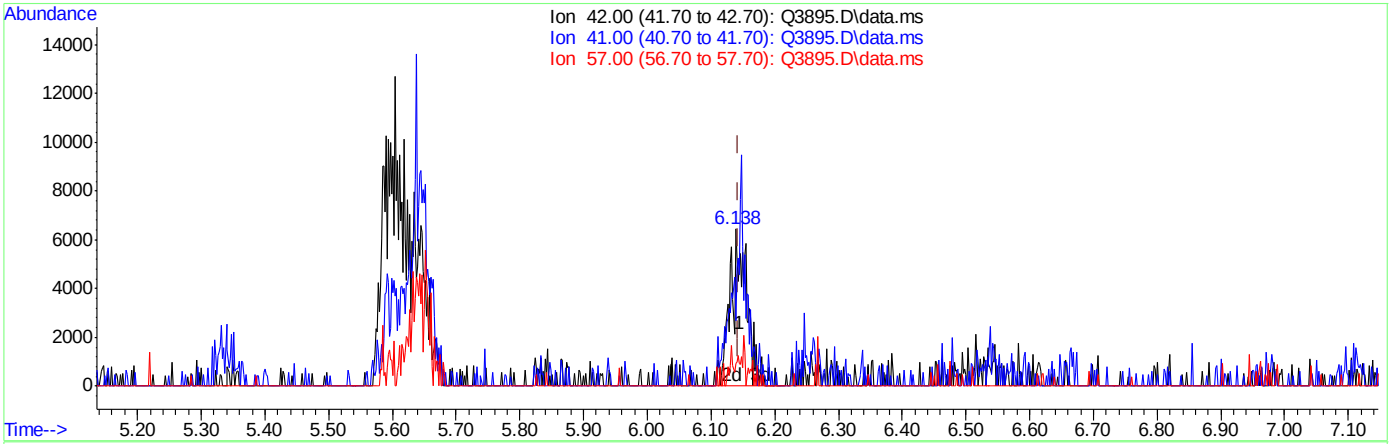
response 1869

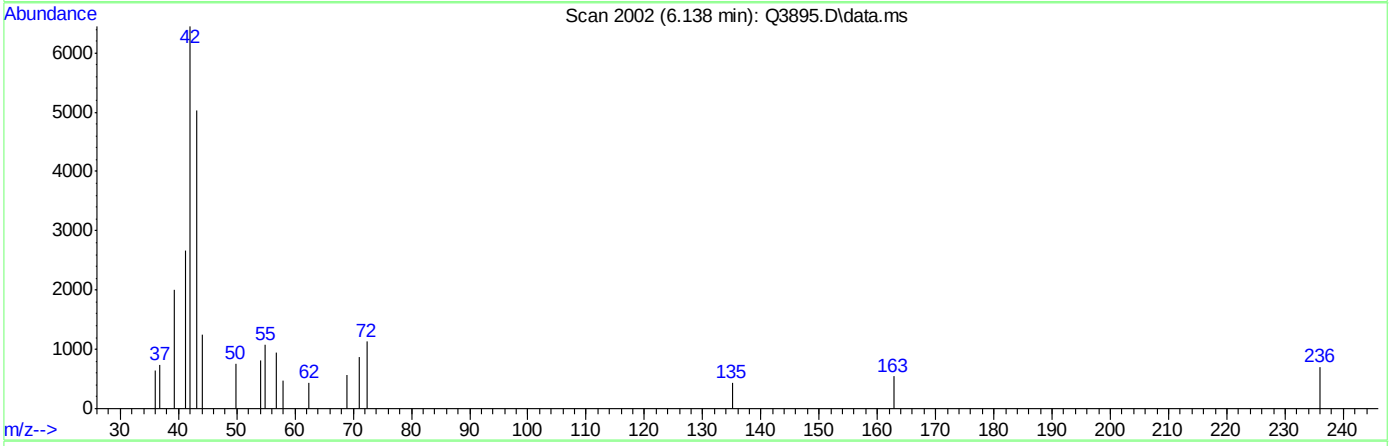
Ion	Exp%	Act%
42.00	100	100
41.00	94.80	611.93#
57.00	28.90	49.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3895.D
Acq On : 3 Jul 2007 6:30 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 09:37:55 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: Q3895.D\data.ms

(13) PENTANE (m)

6.138min (-0.005) 0.70PPBV m

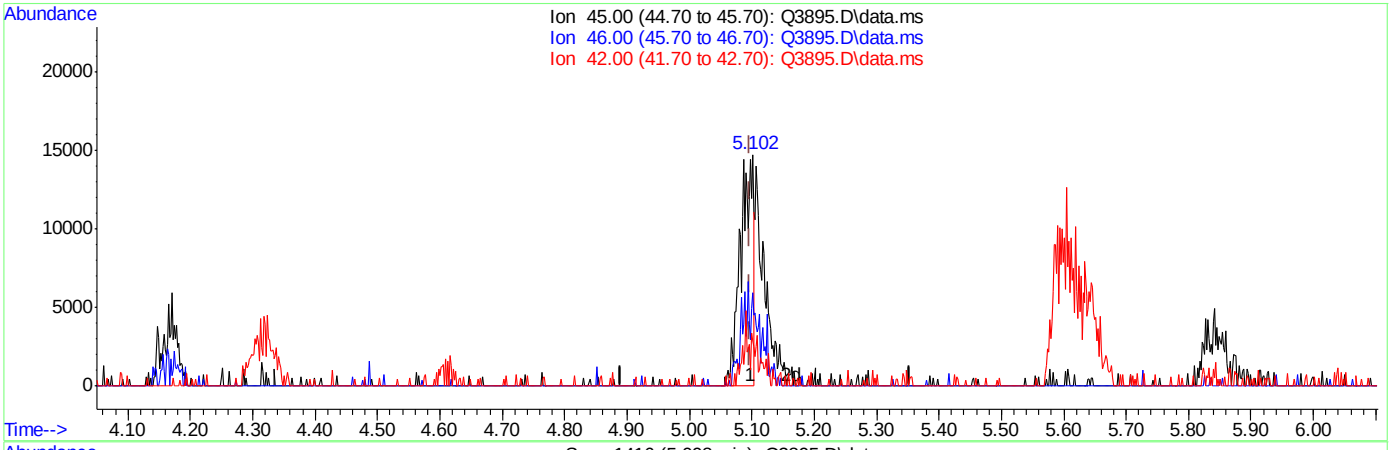
response 11537

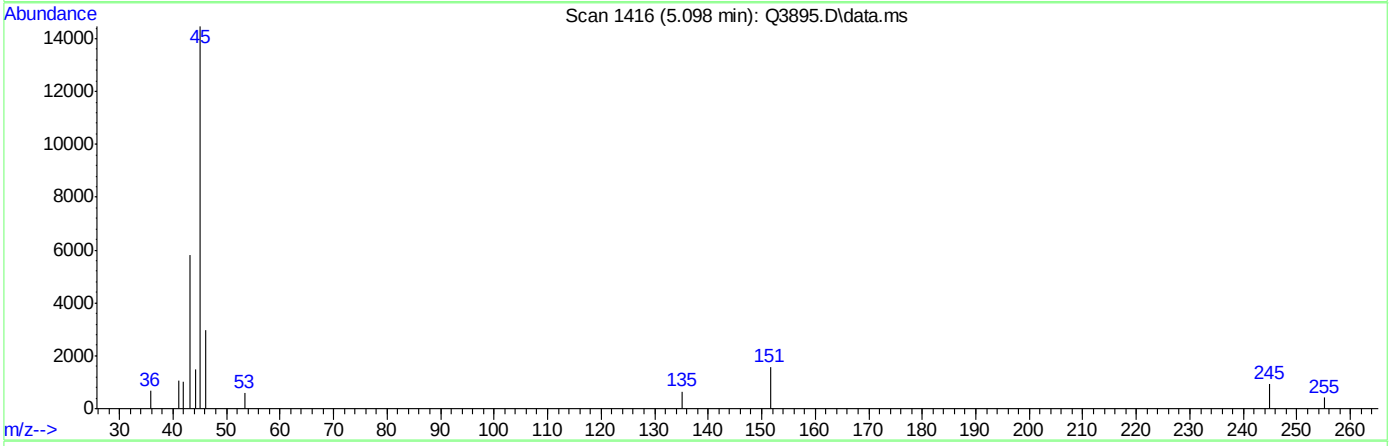
Ion	Exp%	Act%
42.00	100	100
41.00	94.80	99.13
57.00	28.90	8.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3895.D
Acq On : 3 Jul 2007 6:30 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 09:37:55 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: Q3895.D\data.ms

(16) ETHANOL (m)

5.098min (+0.002) 4.95PPBV

response 20588

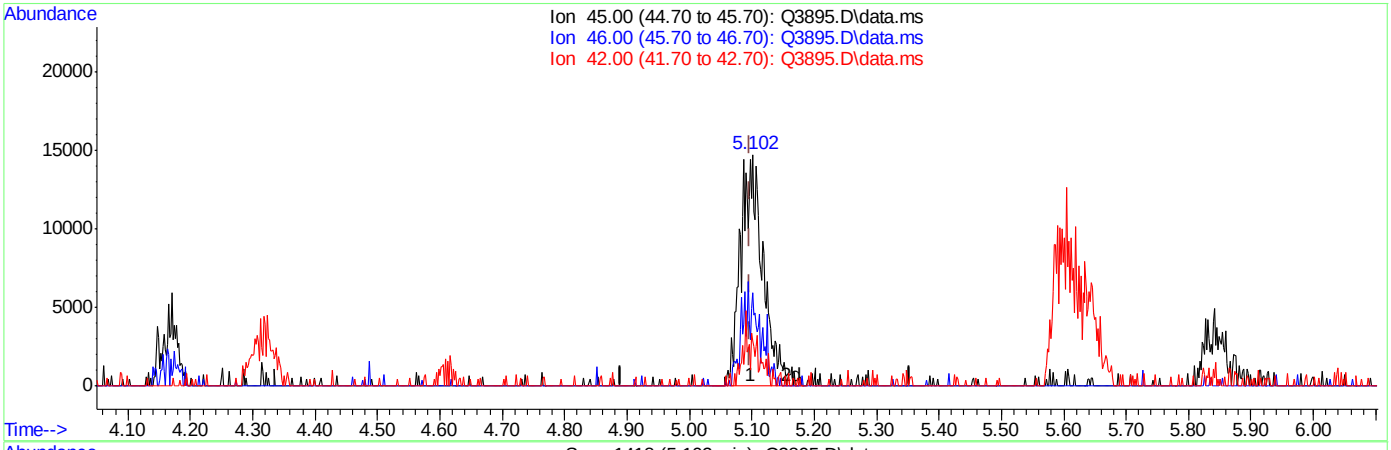
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	26.38
42.00	8.40	30.58#
0.00	0.00	0.00

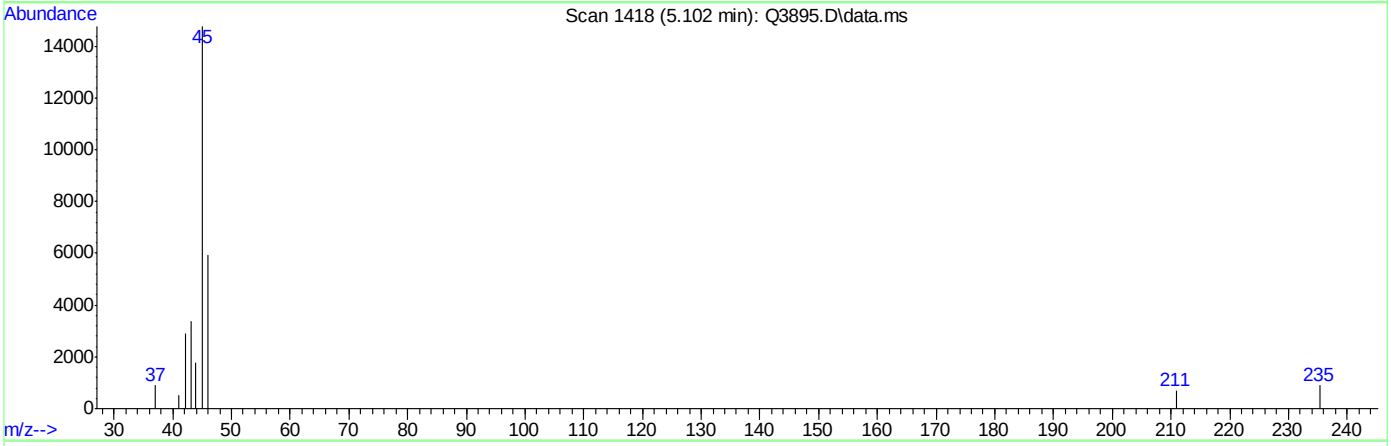
ACCUTEST Laboratories M65960

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3895.D
Acq On : 3 Jul 2007 6:30 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 09:37:55 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: Q3895.D\data.ms

(16) ETHANOL (m)

5.102min (+0.006) 8.98PPBV m

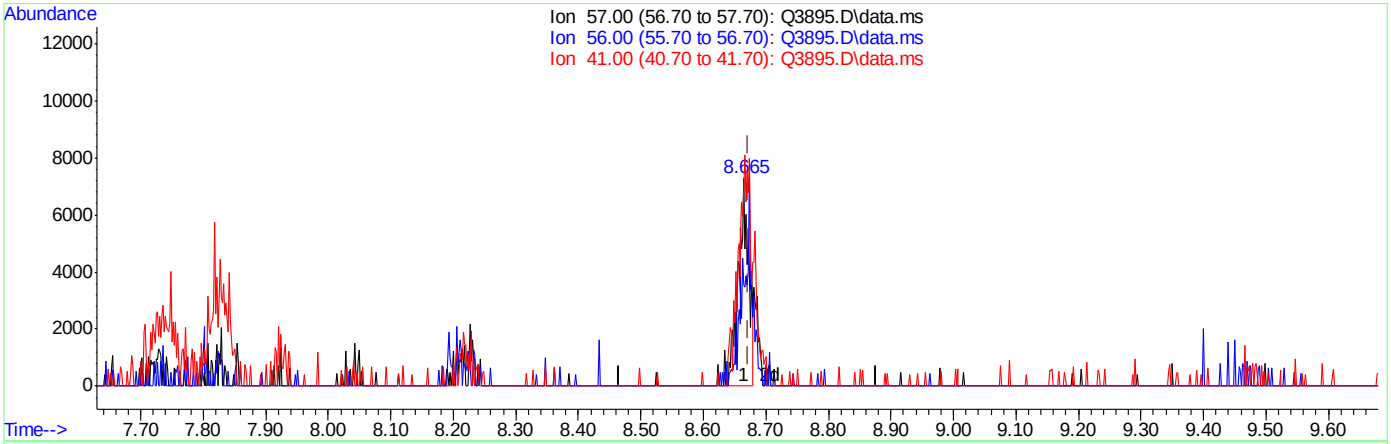
response 36304

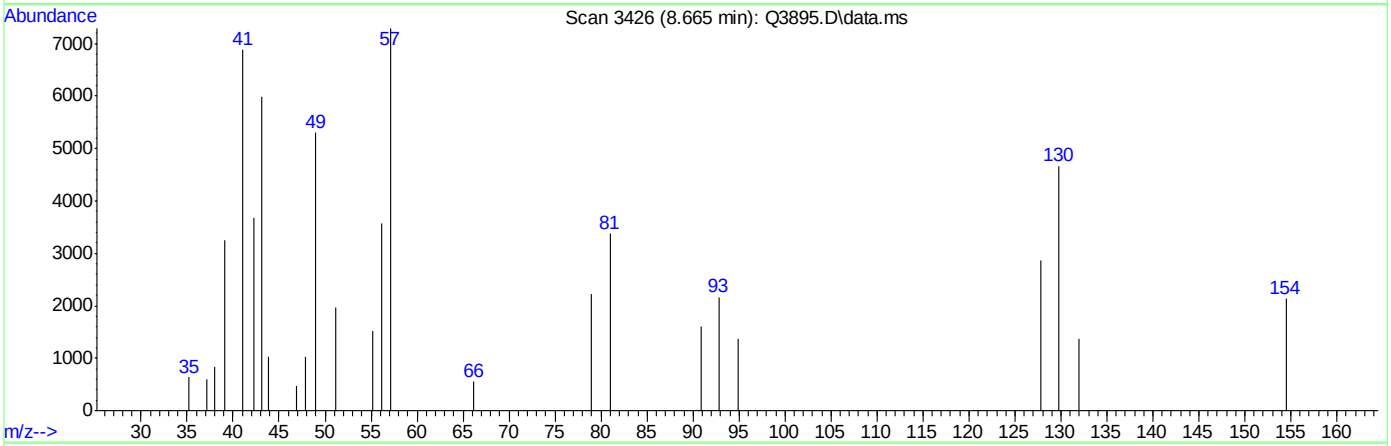
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	14.96
42.00	8.40	17.34
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3895.D
Acq On : 3 Jul 2007 6:30 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 09:37:55 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: Q3895.D\data.ms

(25) HEXANE (m)

8.665min (-0.007) 0.70PPBV

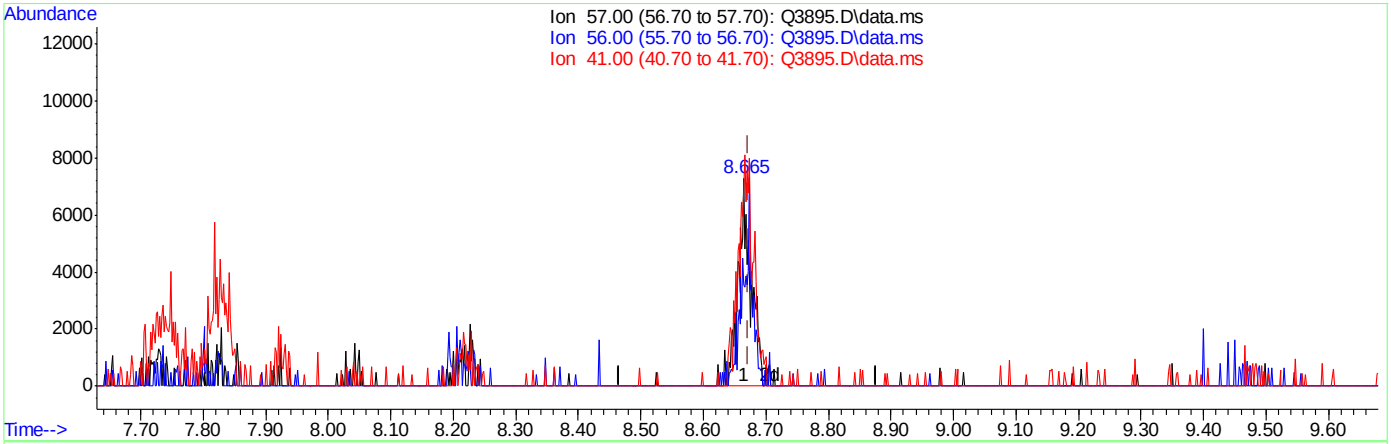
response 8816

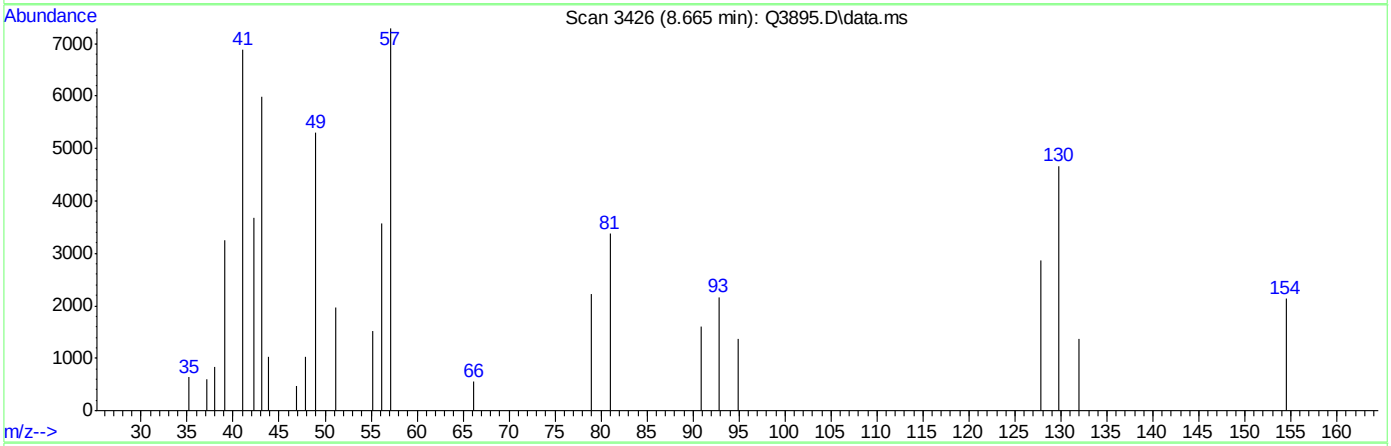
Ion	Exp%	Act%
57.00	100	100
56.00	54.30	85.02#
41.00	78.90	158.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3895.D
Acq On : 3 Jul 2007 6:30 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 09:37:55 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: Q3895.D\data.ms

(25) HEXANE (m)

8.665min (-0.007) 0.87PPBV m

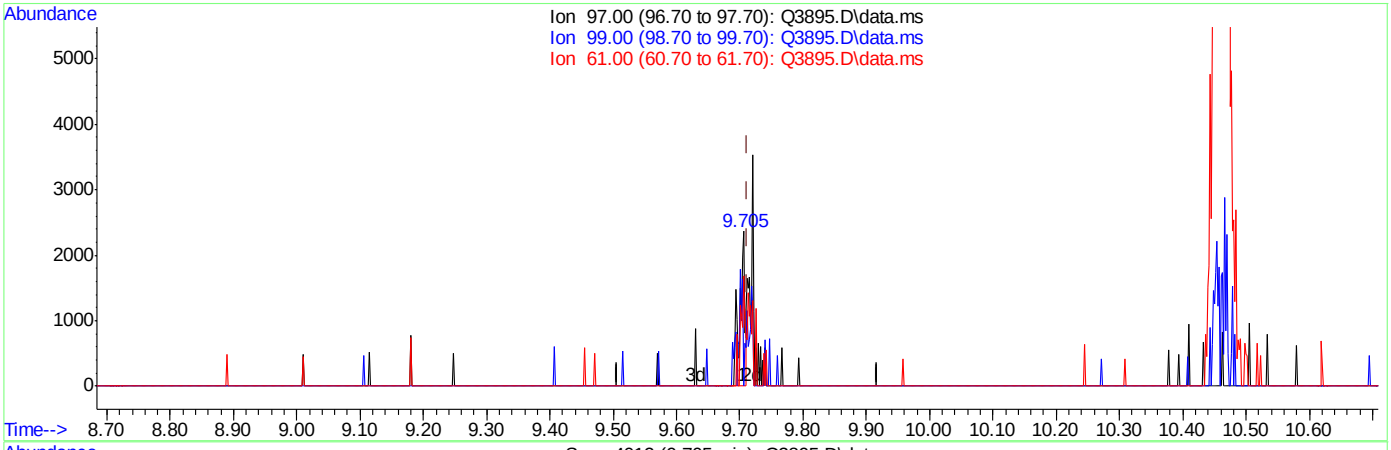
response 11044

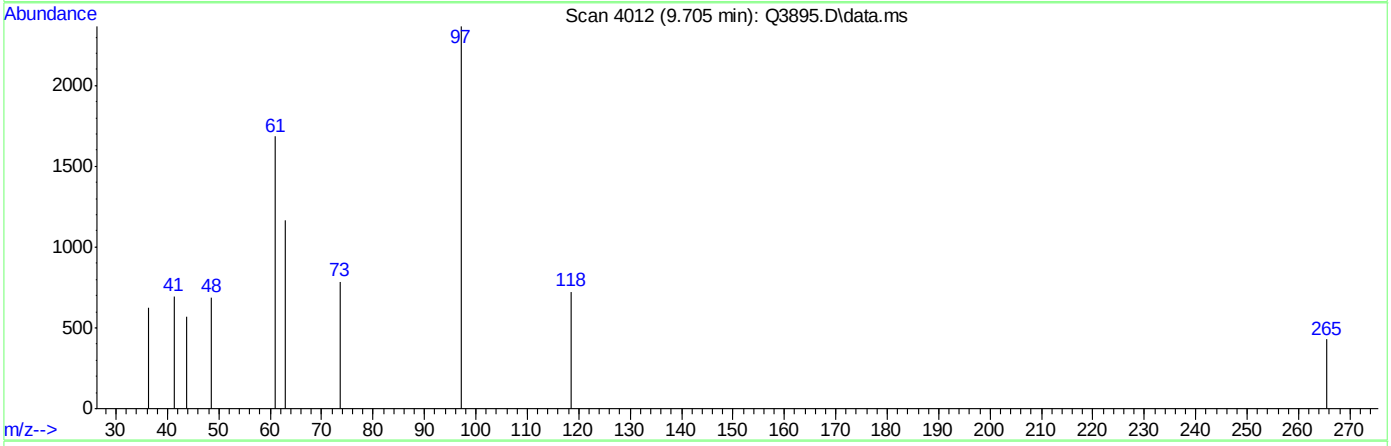
Ion	Exp%	Act%
57.00	100	100
56.00	54.30	67.86
41.00	78.90	126.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3895.D
Acq On : 3 Jul 2007 6:30 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 09:37:55 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: Q3895.D\data.ms

(32) 1,1,1-TRICHLOROETHANE (m)

9.705min (-0.007) 0.04PPBV

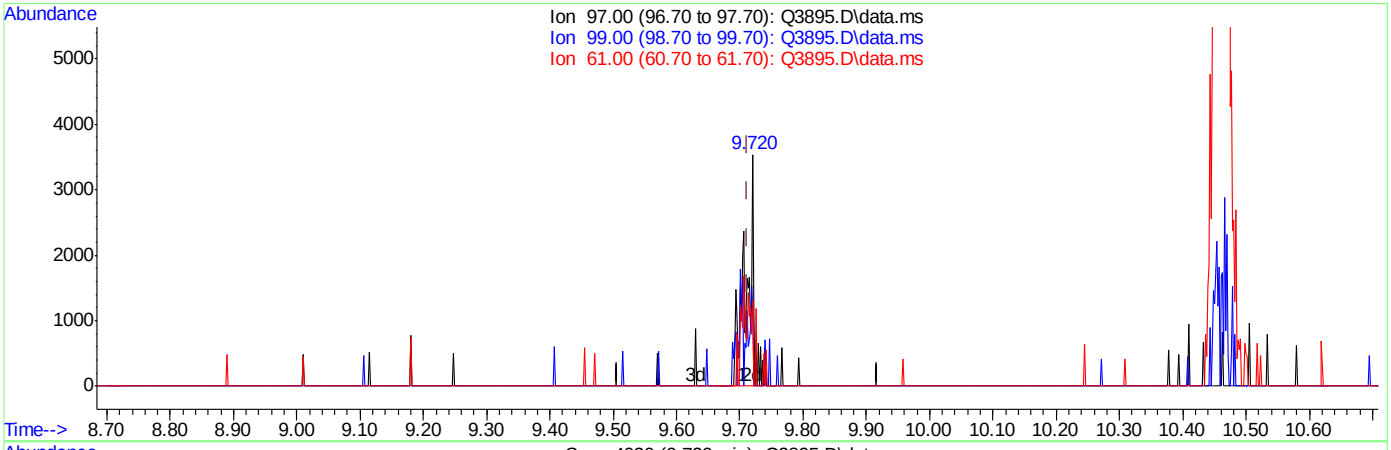
response 1364

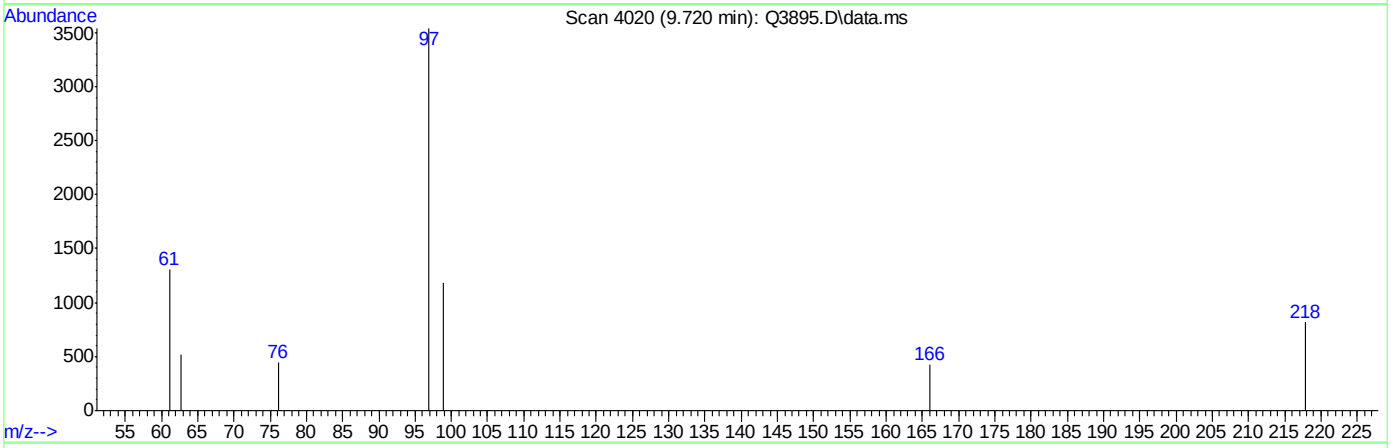
Ion	Exp%	Act%
97.00	100	100
99.00	63.70	44.94
61.00	50.00	57.99
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3895.D
Acq On : 3 Jul 2007 6:30 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 09:37:55 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: Q3895.D\data.ms

(32) 1,1,1-TRICHLOROETHANE (m)

9.720min (+0.007) 0.08PPBV m

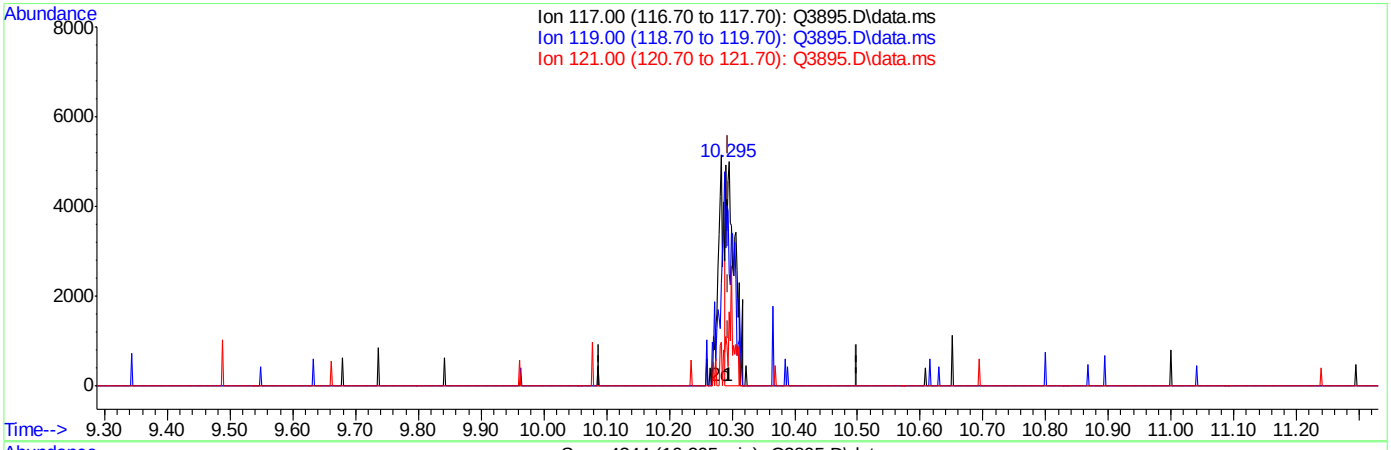
response 2911

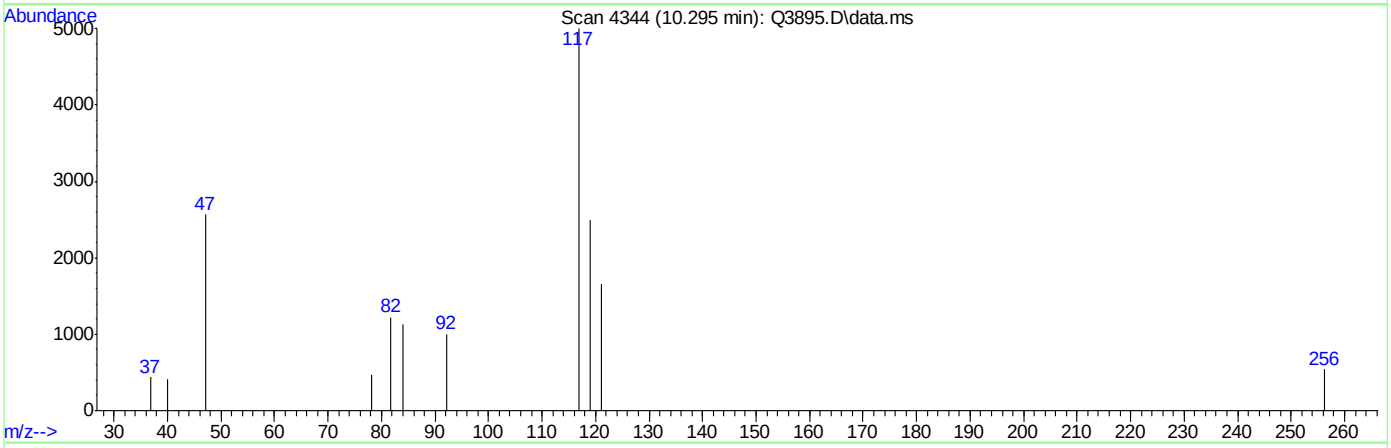
Ion	Exp%	Act%
97.00	100	100
99.00	63.70	21.06#
61.00	50.00	27.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3895.D
Acq On : 3 Jul 2007 6:30 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 09:37:55 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: Q3895.D\data.ms

(33) CARBON TETRACHLORIDE (m)

10.295min (+0.000) 0.11PPBV

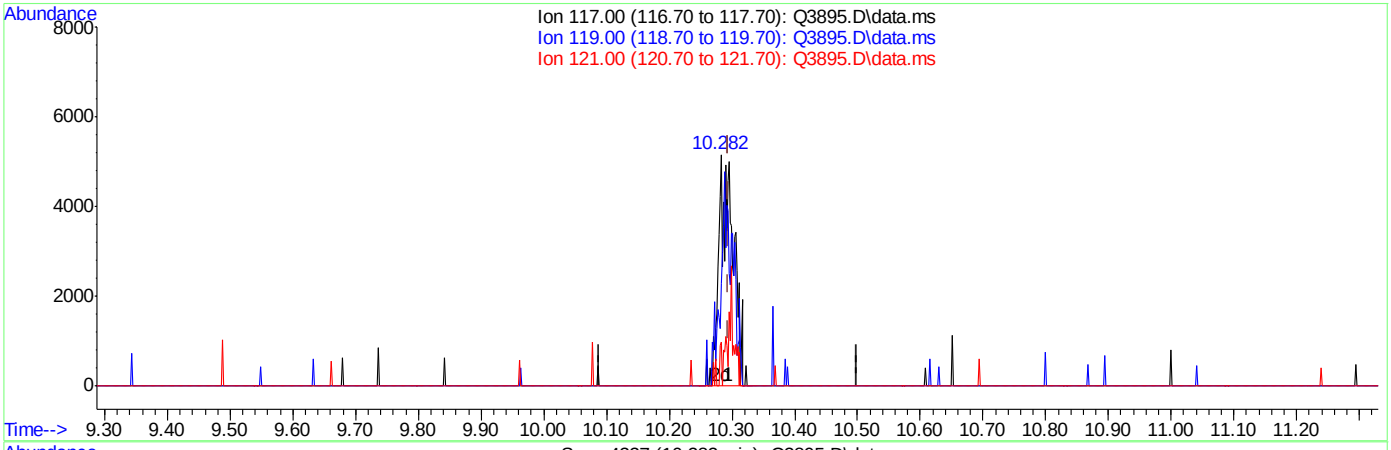
response 5058

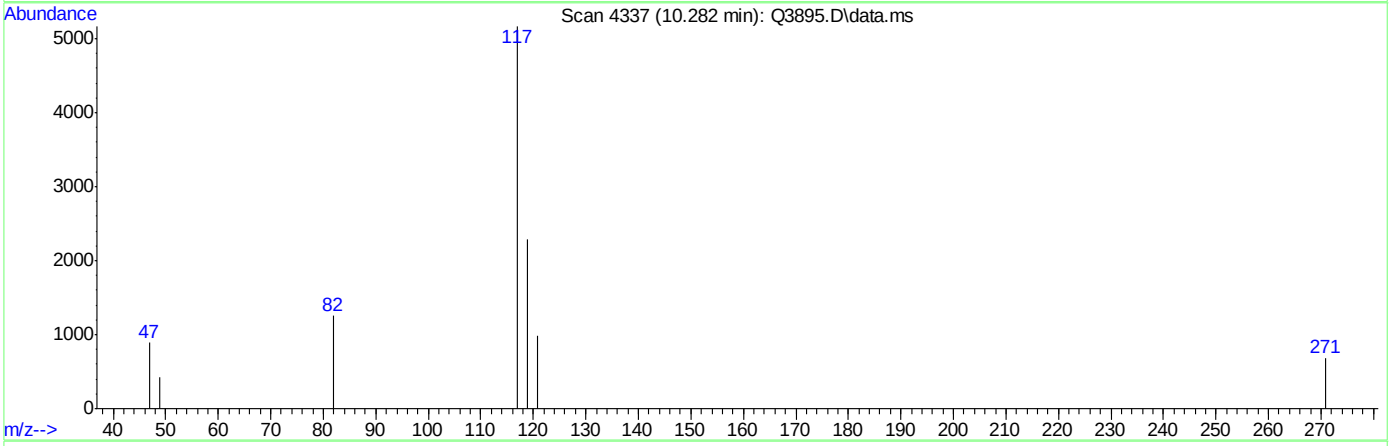
Ion	Exp%	Act%
117.00	100	100
119.00	99.60	0.00#
121.00	32.10	31.55
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3895.D
Acq On : 3 Jul 2007 6:30 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 09:37:55 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: Q3895.D\data.ms

(33) CARBON TETRACHLORIDE (m)

10.282min (-0.012) 0.18PPBV m

response 8343

Ion	Exp%	Act%
117.00	100	100
119.00	99.60	0.00#
121.00	32.10	19.13
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 07/10/07 12:35

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3896.D
Acq On : 3 Jul 2007 7:13 pm
Operator : PhilipB
Sample : M65960-2
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 09:44:27 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

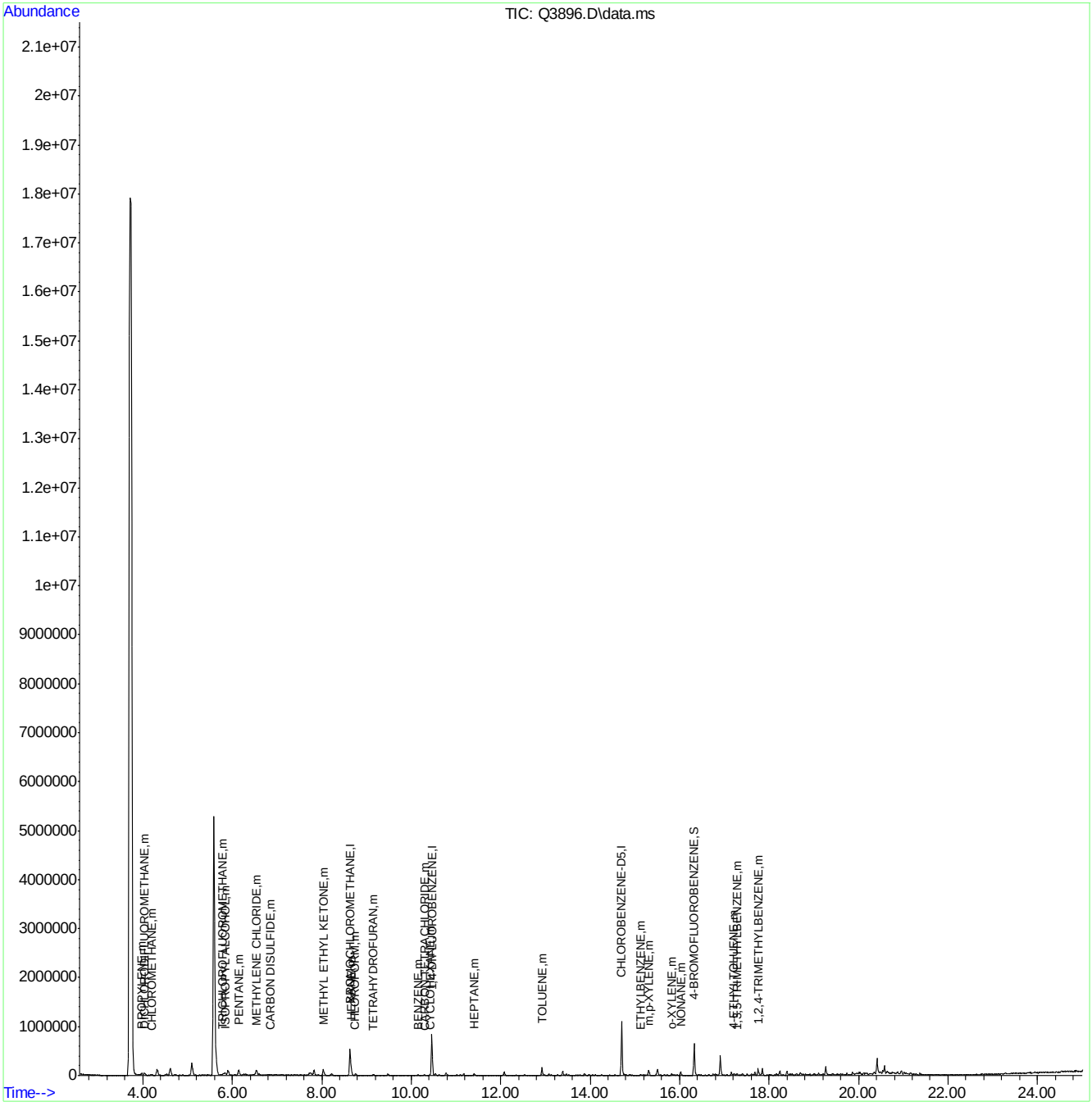
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.637	128	93647	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.460	114	453403	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.708	117	410684	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.322	95	175083	4.55	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 91.00%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.035	85	51417	0.64	PPBV	86
3) PROPYLENE	3.976	41	13894m	1.80	PPBV	
5) CHLOROMETHANE	4.207	50	10669m	1.06	PPBV	
10) TRICHLOROFLUOROMETHANE	5.787	101	30152	0.33	PPBV	85
11) ISOPROPYL ALCOHOL	5.831	45	50611m	1.76	PPBV	
12) ACETONE	5.590	43	8441167	Below Cal		87
13) PENTANE	6.140	42	48552	2.90	PPBV	94
15) CARBON DISULFIDE	6.855	76	22153	0.39	PPBV	82
16) ETHANOL	5.098	45	317176	Below Cal		97
18) METHYLENE CHLORIDE	6.544	84	44914	3.09	PPBV	85
24) TETRAHYDROFURAN	9.152	42	6784m	0.98	PPBV	
25) HEXANE	8.662	57	22169m	1.71	PPBV	
28) METHYL ETHYL KETONE	8.033	43	133068	7.13	PPBV	91
31) CHLOROFORM	8.752	83	18762	0.54	PPBV	91
33) CARBON TETRACHLORIDE	10.294	117	11742	0.25	PPBV #	47
36) BENZENE	10.156	78	14960	0.57	PPBV	83
37) CYCLOHEXANE	10.410	84	5205m	0.46	PPBV	
43) HEPTANE	11.409	43	10811	0.81	PPBV	91
46) TOLUENE	12.925	92	49304	2.78	PPBV	99
55) ETHYLBENZENE	15.127	91	14034	0.32	PPBV	99
56) m,p-XYLENE	15.308	106	20433m	1.23	PPBV	
57) o-XYLENE	15.821	106	7949	0.45	PPBV	96
59) NONANE	16.023	43	19036	0.74	PPBV	96
65) 4-ETHYLTOLUENE	17.214	105	11138	0.35	PPBV	70
66) 1,3,5-TRIMETHYLBENZENE	17.289	105	11556	0.24	PPBV	88
67) 1,2,4-TRIMETHYLBENZENE	17.756	105	48212	1.38	PPBV	92

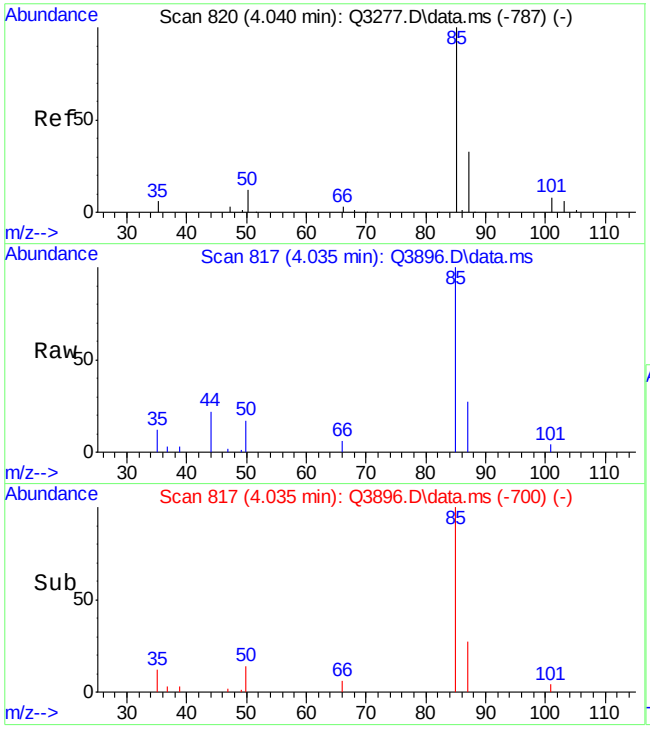
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3896.D
Acq On : 3 Jul 2007 7:13 pm
Operator : PhilipB
Sample : M65960-2
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 09:44:27 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

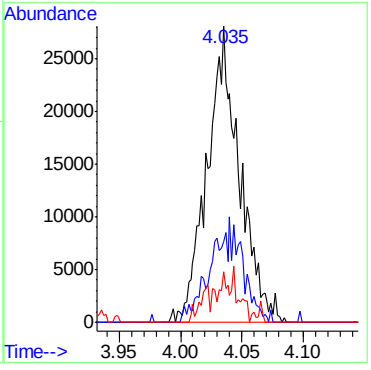


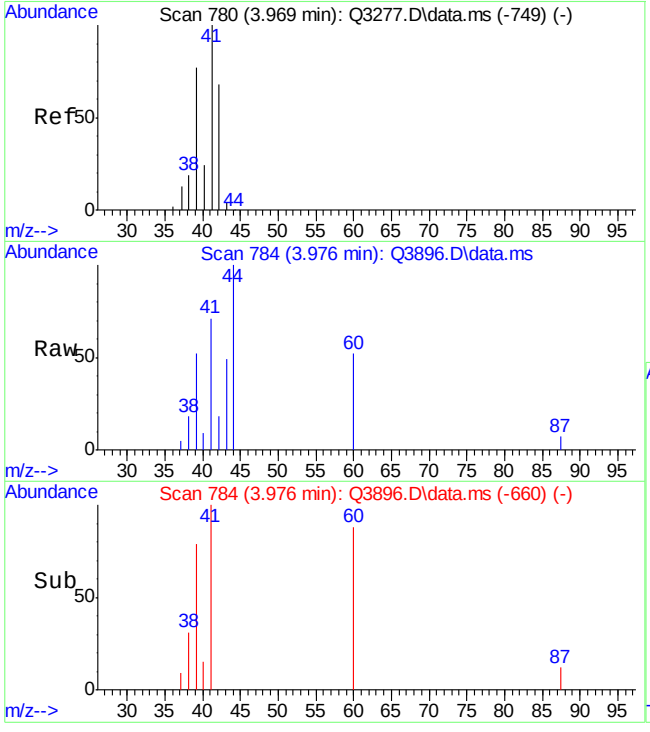


#2
DICHLORODIFLUOROMETHANE
Concen: 0.64 PPBV
RT: 4.035 min Scan# 817
Delta R.T. 0.002 min
Lab File: Q3896.D
Acq: 3 Jul 2007 7:13 pm

Tgt Ion: 85 Resp: 51417

Ion	Ratio	Lower	Upper
85	100		
87	22.2	12.1	52.1
50	11.2	0.0	33.8

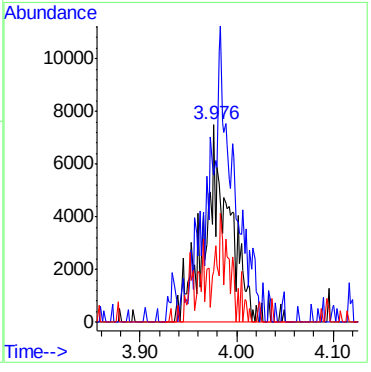


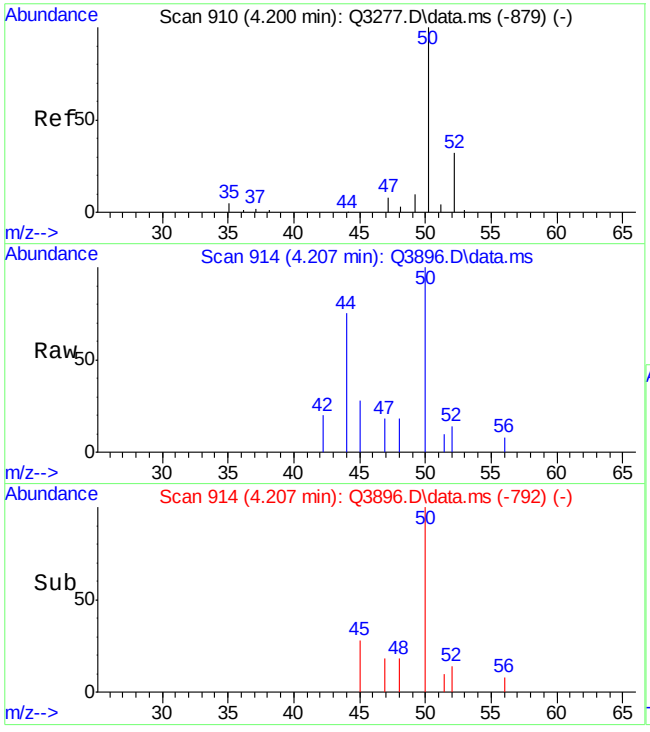


#3
PROPYLENE
Concen: 1.80 PPBV m
RT: 3.976 min Scan# 784
Delta R.T. 0.013 min
Lab File: Q3896.D
Acq: 3 Jul 2007 7:13 pm

Tgt Ion: 41 Resp: 13894

Ion	Ratio	Lower	Upper
41	100		
39	74.3	52.5	92.5
42	25.4	47.8	87.8#

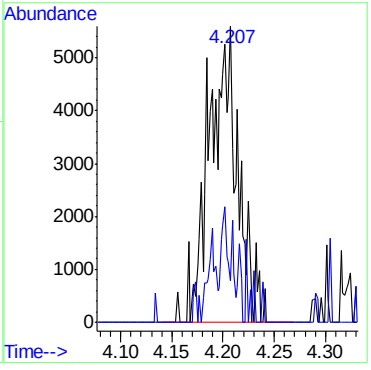


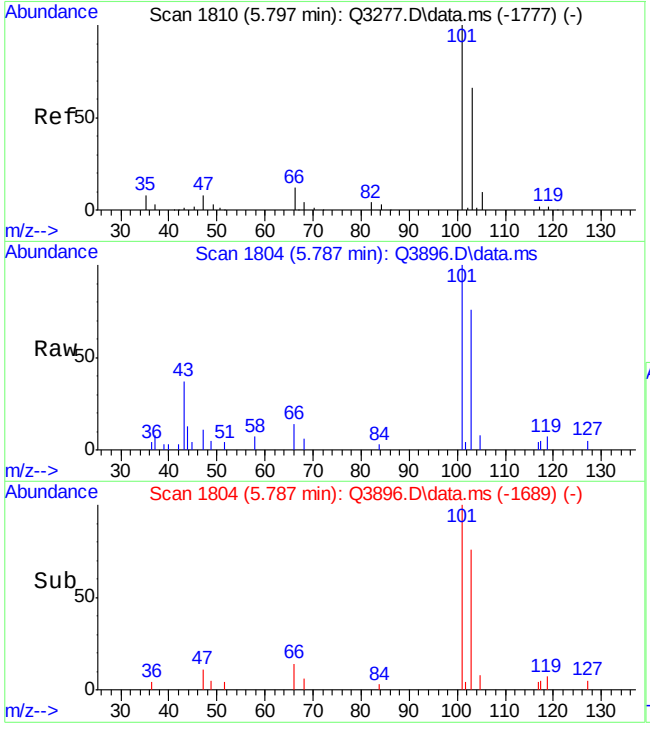


#5
CHLOROMETHANE
Concen: 1.06 PPBV m
RT: 4.207 min Scan# 914
Delta R.T. 0.011 min
Lab File: Q3896.D
Acq: 3 Jul 2007 7:13 pm

Tgt Ion: 50 Resp: 10669

Ion	Ratio	Lower	Upper
50	100		
52	14.1	12.2	52.2

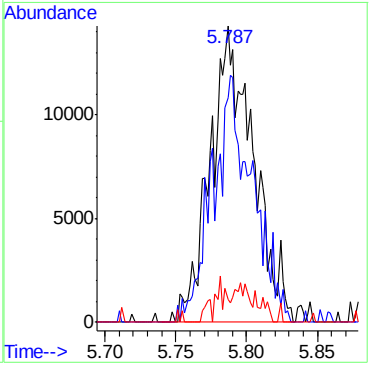


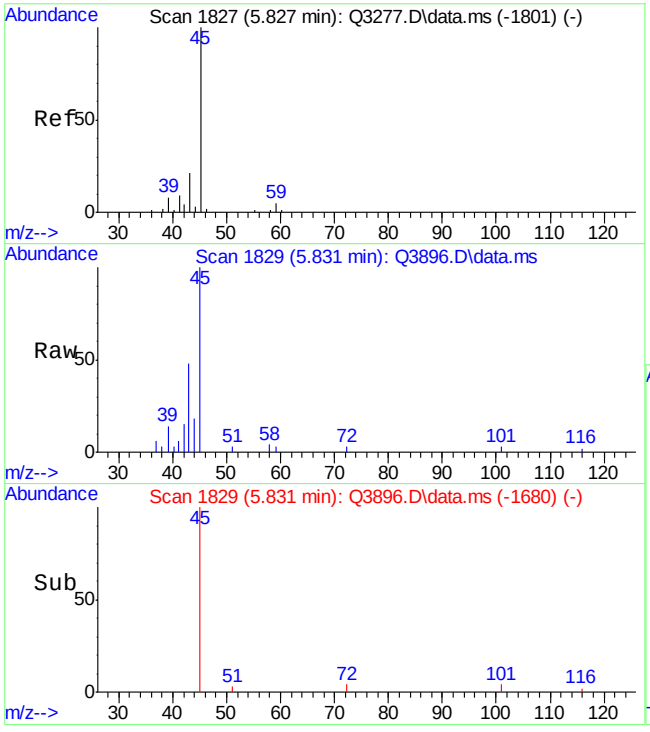


#10
TRICHLOROFLUOROMETHANE
Concen: 0.33 PPBV
RT: 5.787 min Scan# 1804
Delta R.T. -0.002 min
Lab File: Q3896.D
Acq: 3 Jul 2007 7:13 pm

Tgt Ion:101 Resp: 30152

Ion	Ratio	Lower	Upper
101	100		
103	77.1	44.3	84.3
105	8.3	0.0	30.2

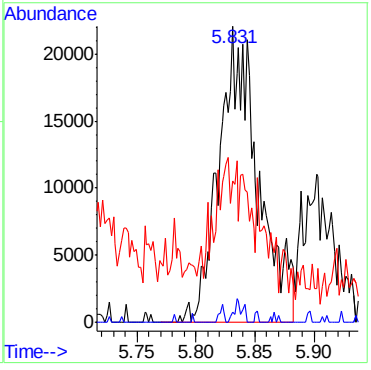


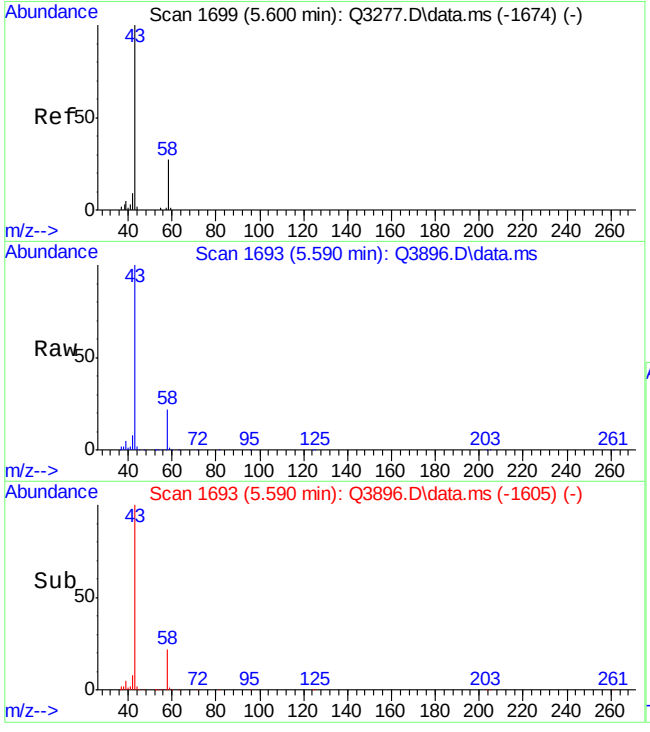


#11
ISOPROPYL ALCOHOL
Concen: 1.76 PPBV m
RT: 5.831 min Scan# 1829
Delta R.T. 0.006 min
Lab File: Q3896.D
Acq: 3 Jul 2007 7:13 pm

Tgt Ion: 45 Resp: 50611

Ion	Ratio	Lower	Upper
45	100		
59	3.3	0.0	23.7
43	47.9	0.0	39.7#

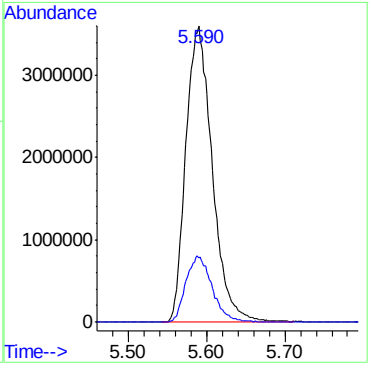




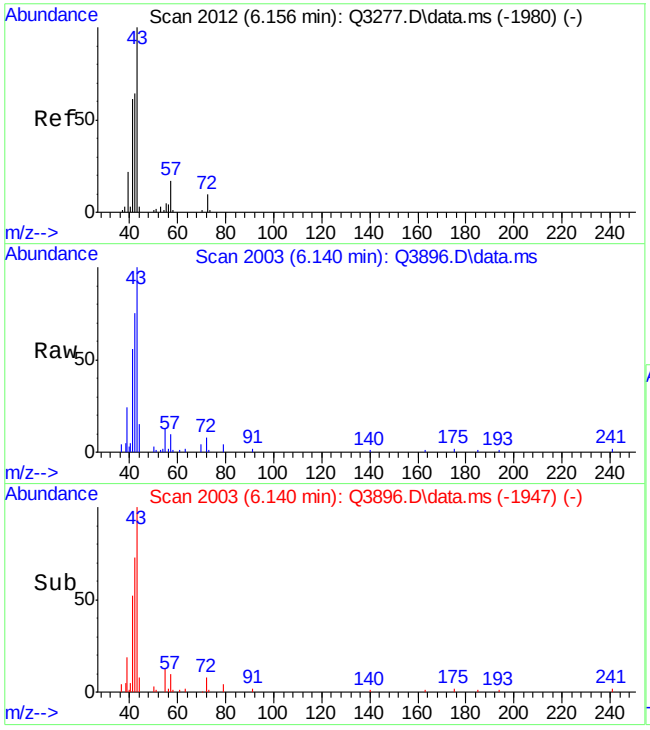
#12
ACETONE
Concen: Below Cal
RT: 5.590 min Scan# 1693
Delta R.T. 0.001 min
Lab File: Q3896.D
Acq: 3 Jul 2007 7:13 pm

Tgt Ion: 43 Resp: 8441167

Ion	Ratio	Lower	Upper
43	100		
58	22.2	9.0	49.0



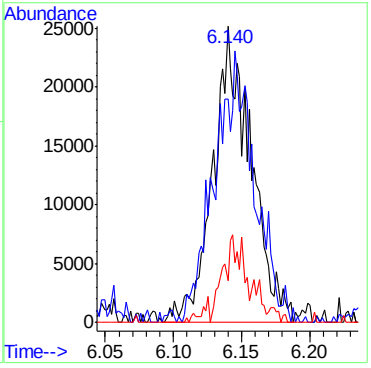
ACCUTEST Laboratories M65960

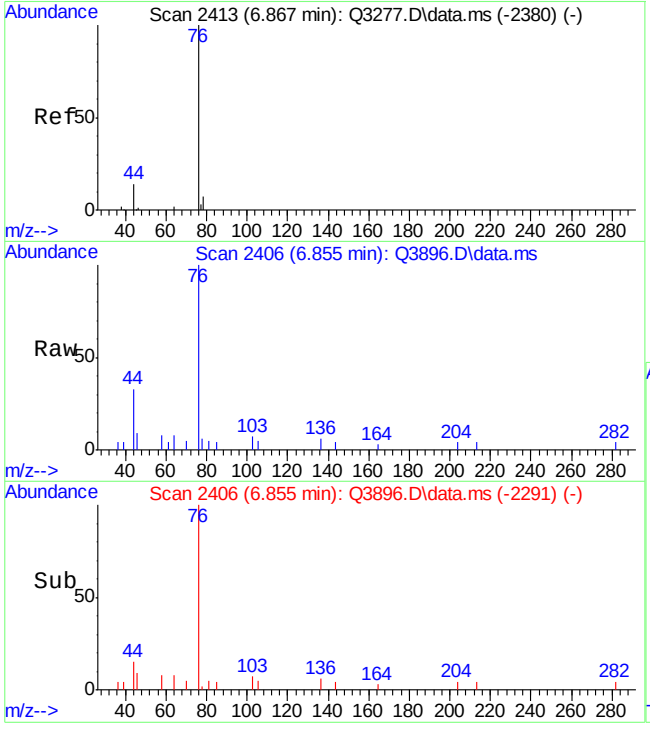


#13
PENTANE
Concen: 2.90 PPBV
RT: 6.140 min Scan# 2003
Delta R.T. -0.003 min
Lab File: Q3896.D
Acq: 3 Jul 2007 7:13 pm

Tgt Ion: 42 Resp: 48552

Ion	Ratio	Lower	Upper
42	100		
41	96.5	74.8	114.8
57	17.1	8.9	48.9

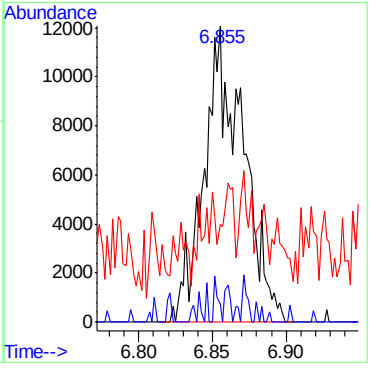


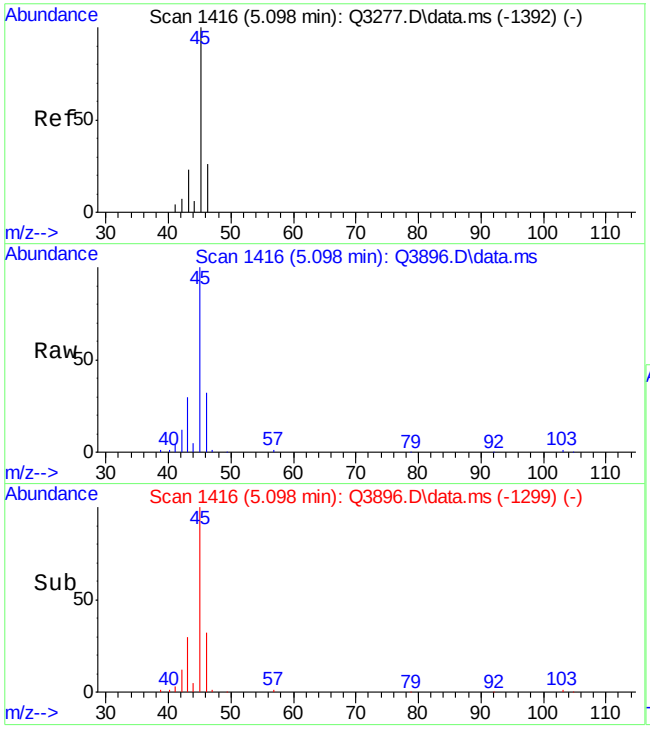


#15
CARBON DISULFIDE
Concen: 0.39 PPBV
RT: 6.855 min Scan# 2406
Delta R.T. -0.002 min
Lab File: Q3896.D
Acq: 3 Jul 2007 7:13 pm

Tgt Ion: 76 Resp: 22153

Ion	Ratio	Lower	Upper
76	100		
78	4.1	0.0	29.2
44	9.1	0.0	38.1

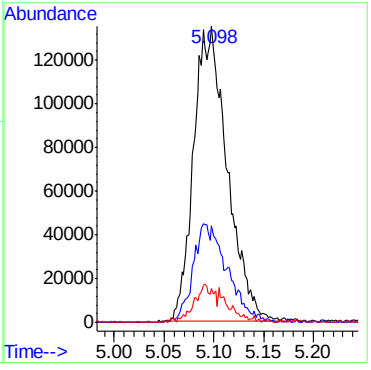


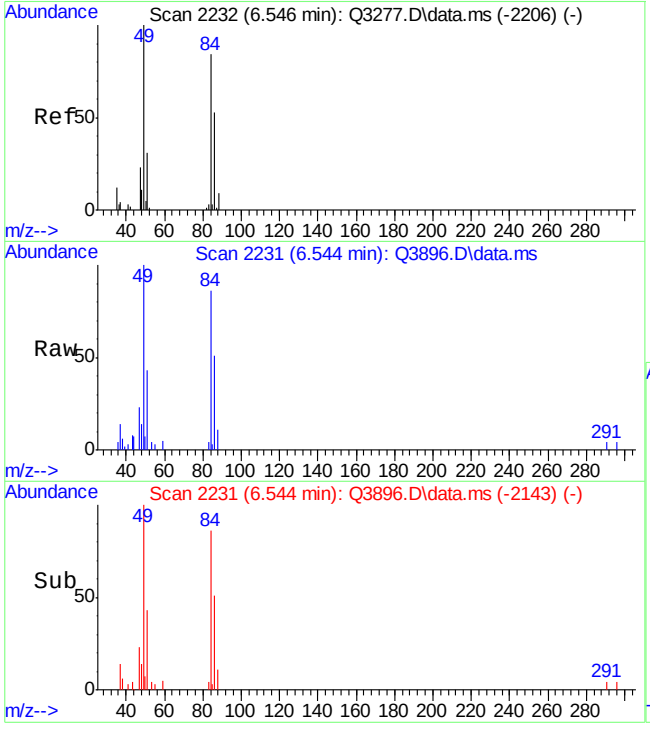


#16
ETHANOL
Concen: Below Cal
RT: 5.098 min Scan# 1416
Delta R.T. 0.002 min
Lab File: Q3896.D
Acq: 3 Jul 2007 7:13 pm

Tgt Ion: 45 Resp: 317176

Ion	Ratio	Lower	Upper
45	100		
46	33.9	14.7	54.7
42	11.5	0.0	28.4

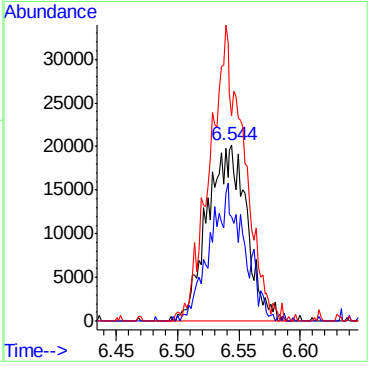


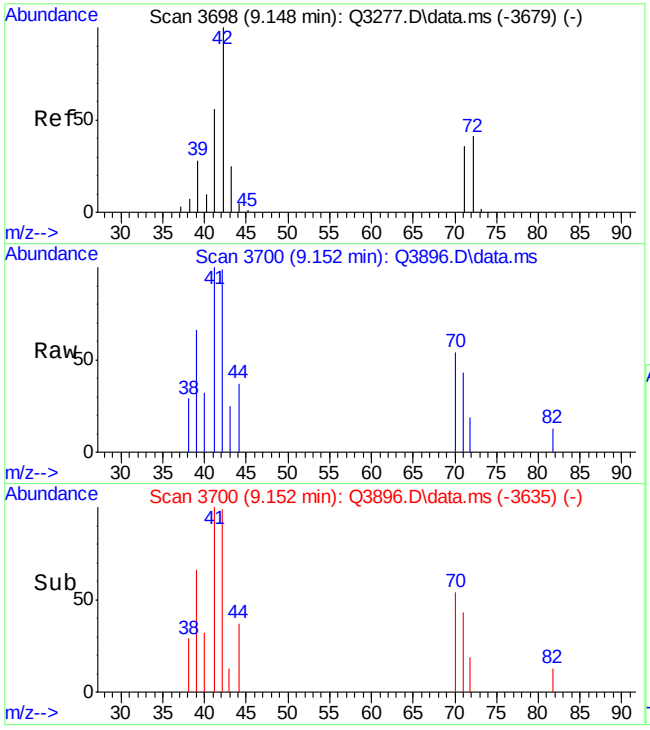


#18
METHYLENE CHLORIDE
Concen: 3.09 PPBV
RT: 6.544 min Scan# 2231
Delta R.T. 0.005 min
Lab File: Q3896.D
Acq: 3 Jul 2007 7:13 pm

Tgt Ion: 84 Resp: 44914

Ion	Ratio	Lower	Upper
84	100		
86	67.7	44.1	84.1
49	146.3	0.0	372.3

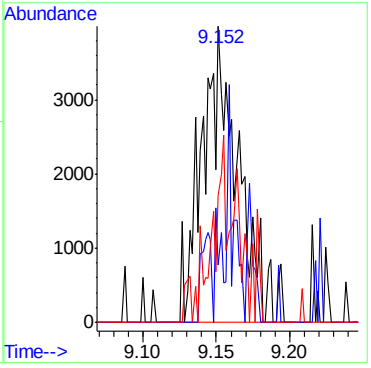


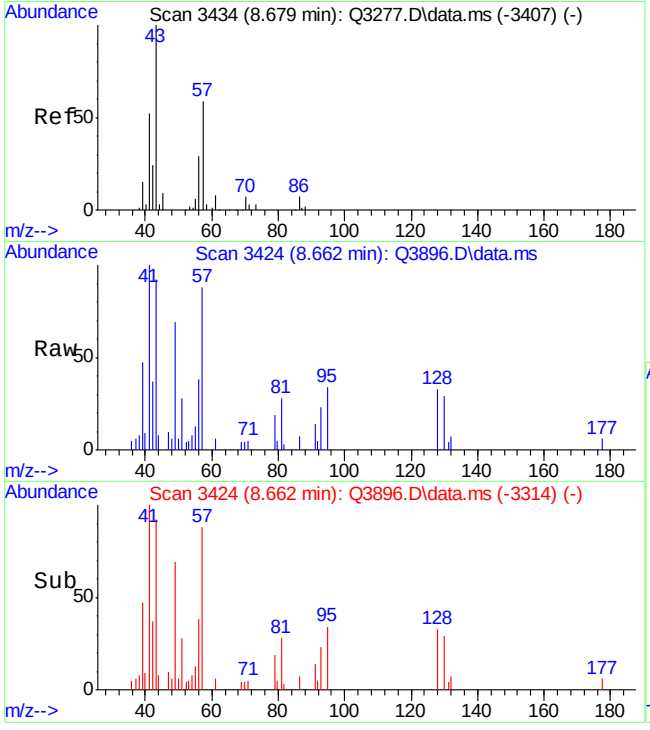


#24
TETRAHYDROFURAN
Concen: 0.98 PPBV m
RT: 9.152 min Scan# 3700
Delta R.T. 0.012 min
Lab File: Q3896.D
Acq: 3 Jul 2007 7:13 pm

Tgt Ion: 42 Resp: 6784

Ion	Ratio	Lower	Upper
42	100		
72	21.4	8.7	48.7
71	11.6	7.6	47.6

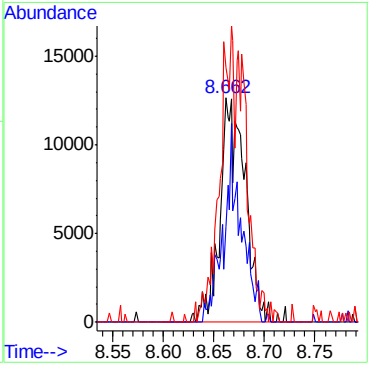


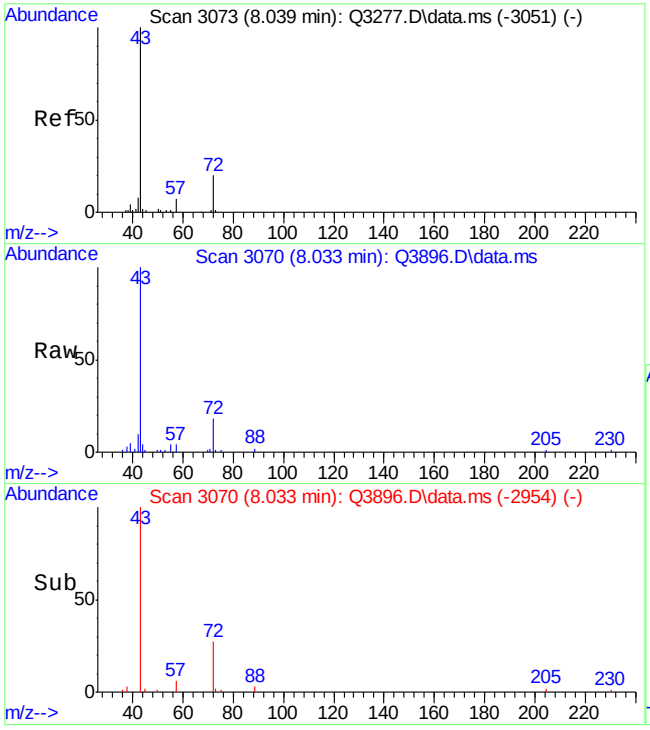


#25
HEXANE
Concen: 1.71 PPBV m
RT: 8.662 min Scan# 3424
Delta R.T. -0.010 min
Lab File: Q3896.D
Acq: 3 Jul 2007 7:13 pm

Tgt Ion: 57 Resp: 22169

Ion	Ratio	Lower	Upper
57	100		
56	59.9	34.3	74.3
41	131.4	58.9	98.9#

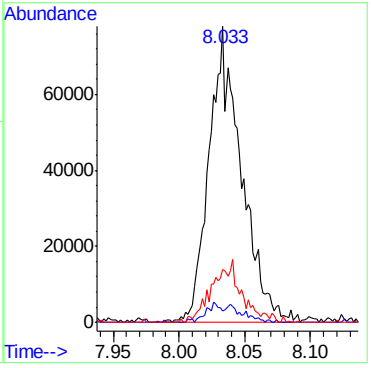


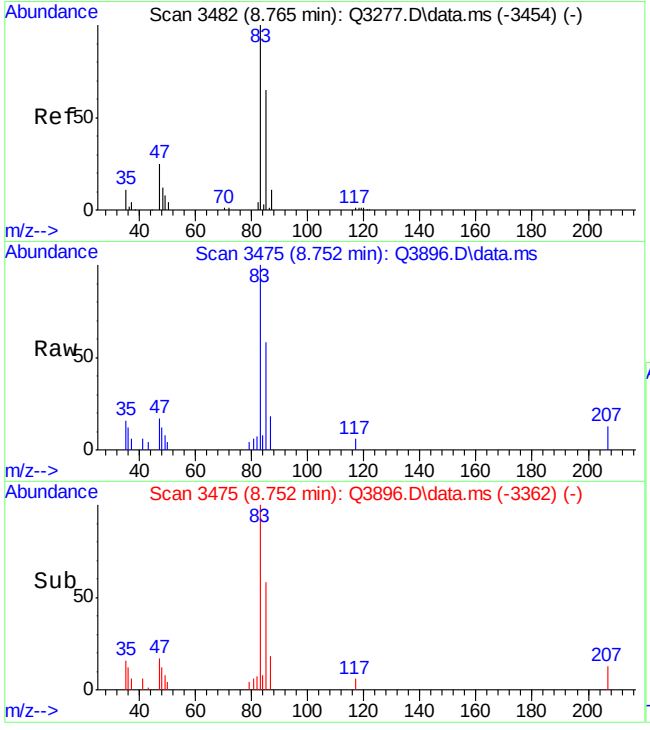


#28
METHYL ETHYL KETONE
Concen: 7.13 PPBV
RT: 8.033 min Scan# 3070
Delta R.T. -0.000 min
Lab File: Q3896.D
Acq: 3 Jul 2007 7:13 pm

Tgt Ion: 43 Resp: 133068

Ion	Ratio	Lower	Upper
43	100		
57	3.7	0.0	27.7
72	17.7	0.0	34.6

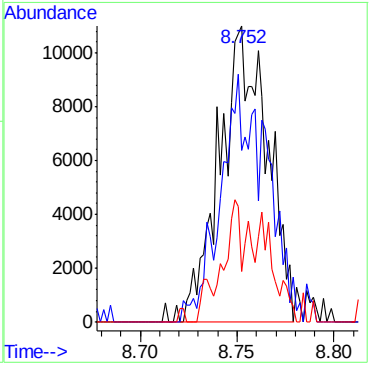


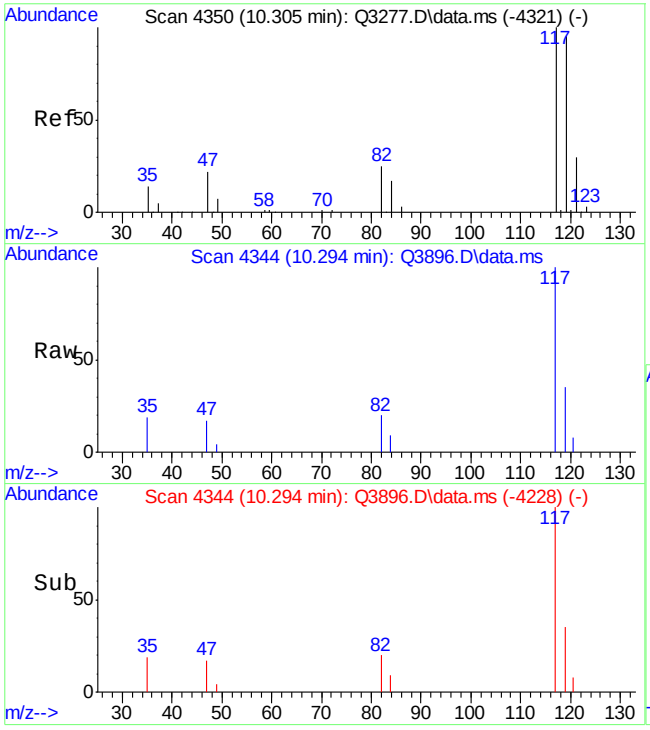


#31
CHLOROFORM
Concen: 0.54 PPBV
RT: 8.752 min Scan# 3475
Delta R.T. -0.005 min
Lab File: Q3896.D
Acq: 3 Jul 2007 7:13 pm

Tgt Ion: 83 Resp: 18762

Ion	Ratio	Lower	Upper
83	100		
85	56.6	44.2	84.2
47	36.0	11.8	51.8

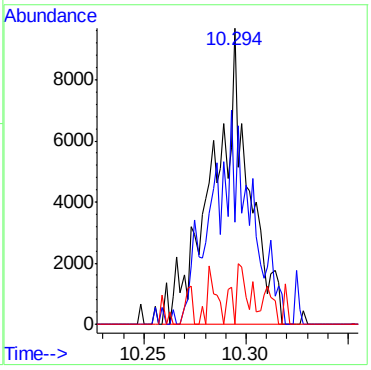


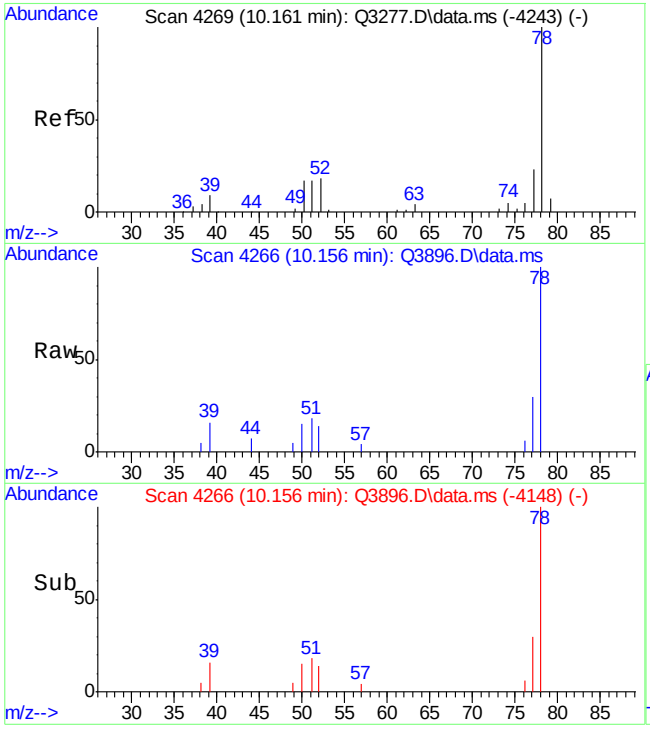


#33
CARBON TETRACHLORIDE
Concen: 0.25 PPBV
RT: 10.294 min Scan# 4344
Delta R.T. -0.000 min
Lab File: Q3896.D
Acq: 3 Jul 2007 7:13 pm

Tgt Ion:117 Resp: 11742

Ion	Ratio	Lower	Upper
117	100		
119	44.7	79.6	119.6#
121	6.4	12.1	52.1#

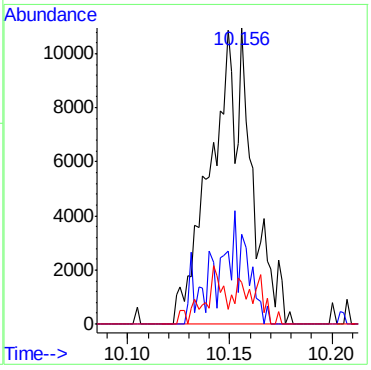


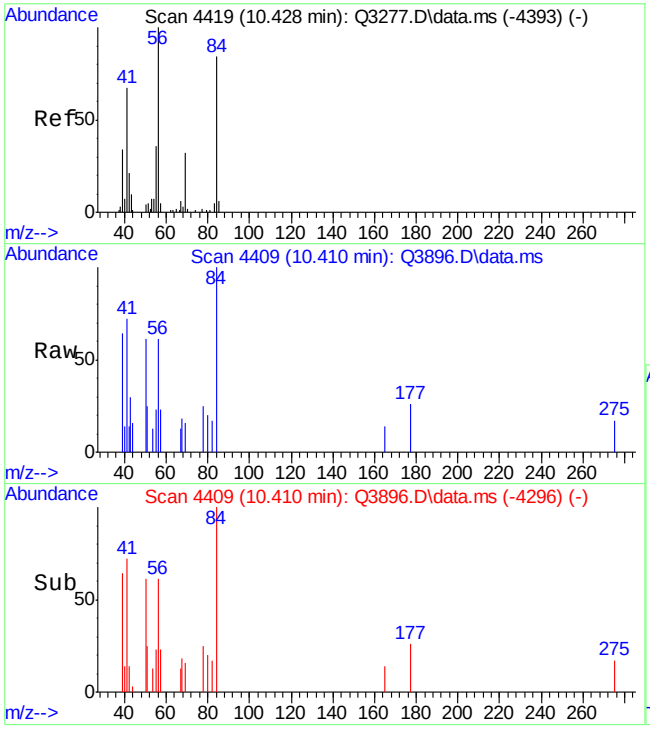


#36
BENZENE
Concen: 0.57 PPBV
RT: 10.156 min Scan# 4266
Delta R.T. 0.004 min
Lab File: Q3896.D
Acq: 3 Jul 2007 7:13 pm

Tgt Ion: 78 Resp: 14960

Ion	Ratio	Lower	Upper
78	100		
77	23.0	2.8	42.8
52	8.9	5.1	45.1

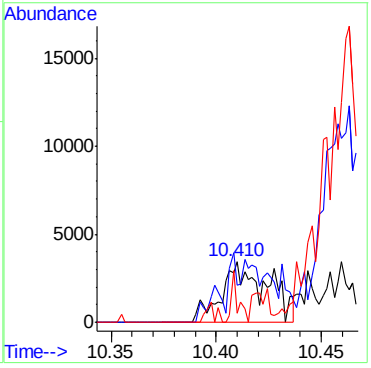


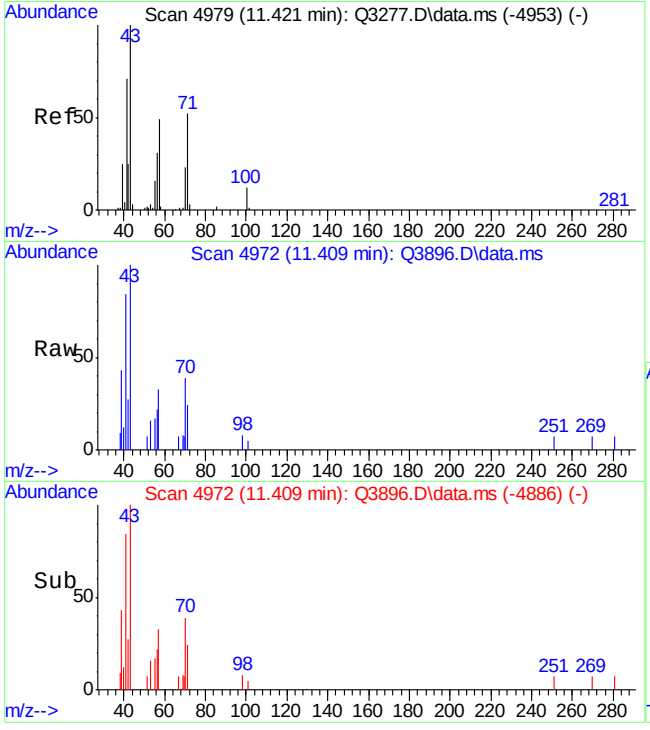


#37
CYCLOHEXANE
Concen: 0.46 PPBV m
RT: 10.410 min Scan# 4409
Delta R.T. -0.005 min
Lab File: Q3896.D
Acq: 3 Jul 2007 7:13 pm

Tgt Ion: 84 Resp: 5205

Ion	Ratio	Lower	Upper
84	100		
56	114.1	157.1	197.1#
69	18.3	17.7	57.7

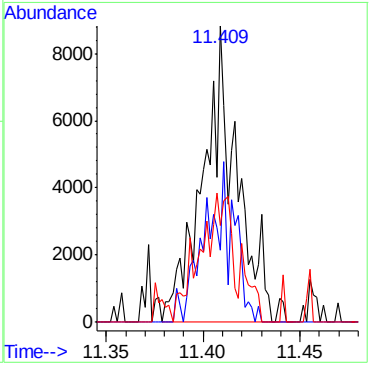




#43
HEPTANE
Concen: 0.81 PPBV
RT: 11.409 min Scan# 4972
Delta R.T. -0.002 min
Lab File: Q3896.D
Acq: 3 Jul 2007 7:13 pm

Tgt Ion: 43 Resp: 10811

Ion	Ratio	Lower	Upper
43	100		
71	44.9	20.9	60.9
57	46.5	34.6	74.6



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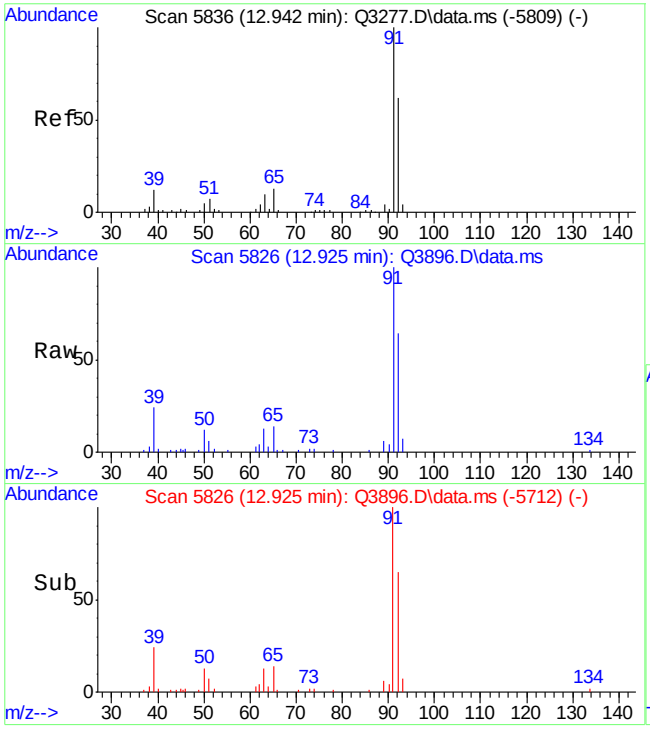
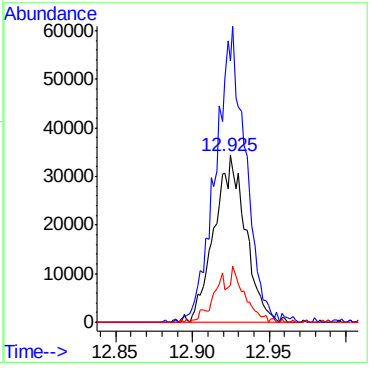
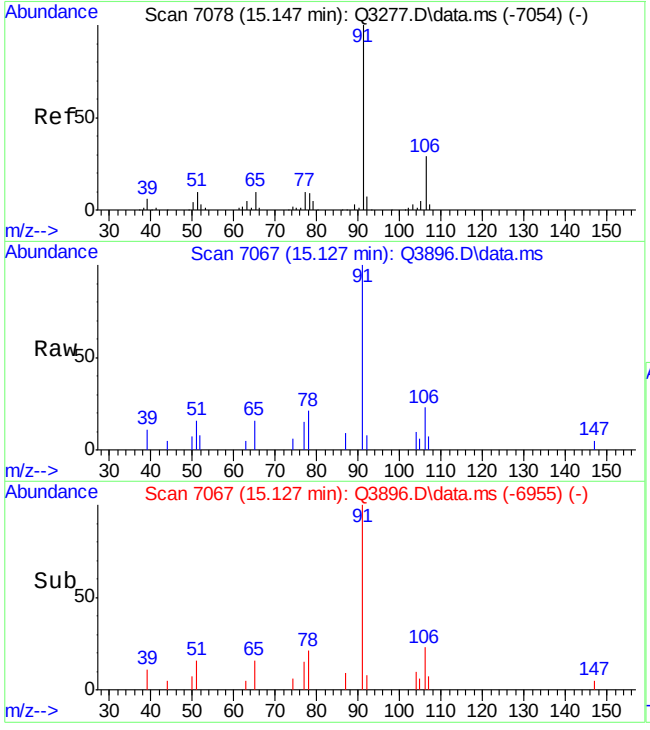


#46
TOLUENE
Concen: 2.78 PPBV
RT: 12.925 min Scan# 5826
Delta R.T. -0.004 min
Lab File: Q3896.D
Acq: 3 Jul 2007 7:13 pm

Tgt Ion: 92 Resp: 49304

Ion	Ratio	Lower	Upper
92	100		
91	168.9	149.0	189.0
65	28.5	4.1	44.1

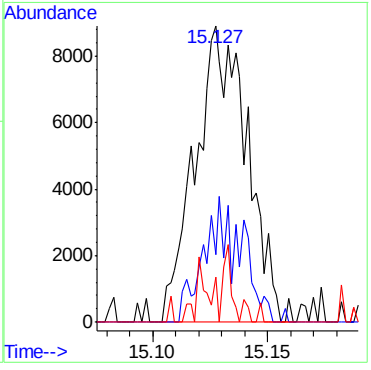


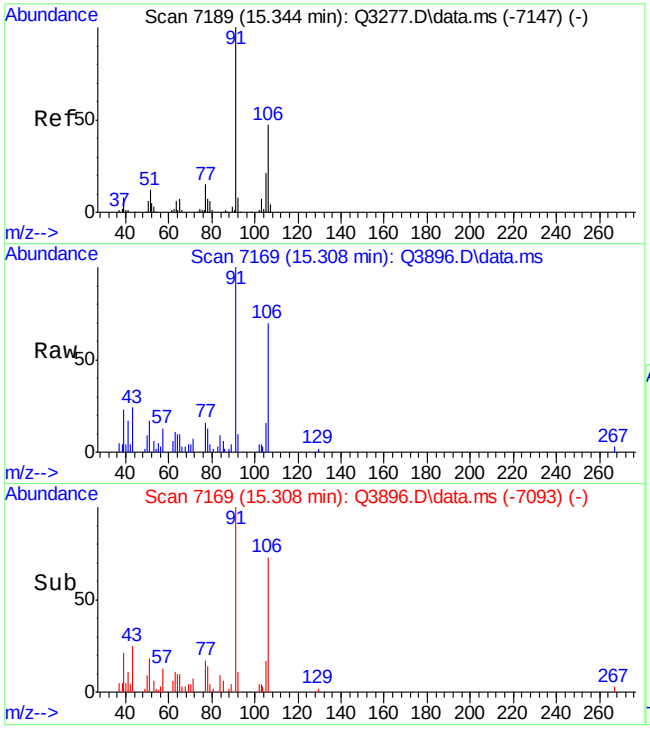


#55
ETHYLBENZENE
Concen: 0.32 PPBV
RT: 15.127 min Scan# 7067
Delta R.T. -0.007 min
Lab File: Q3896.D
Acq: 3 Jul 2007 7:13 pm

Tgt Ion: 91 Resp: 14034

Ion	Ratio	Lower	Upper
91	100		
106	30.2	10.5	50.5
77	10.4	0.0	29.1

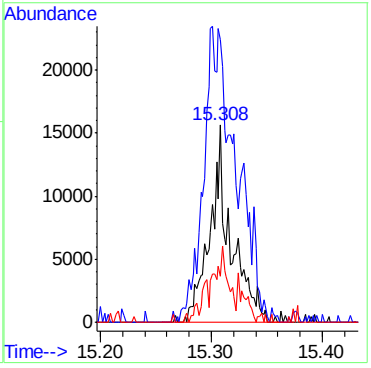


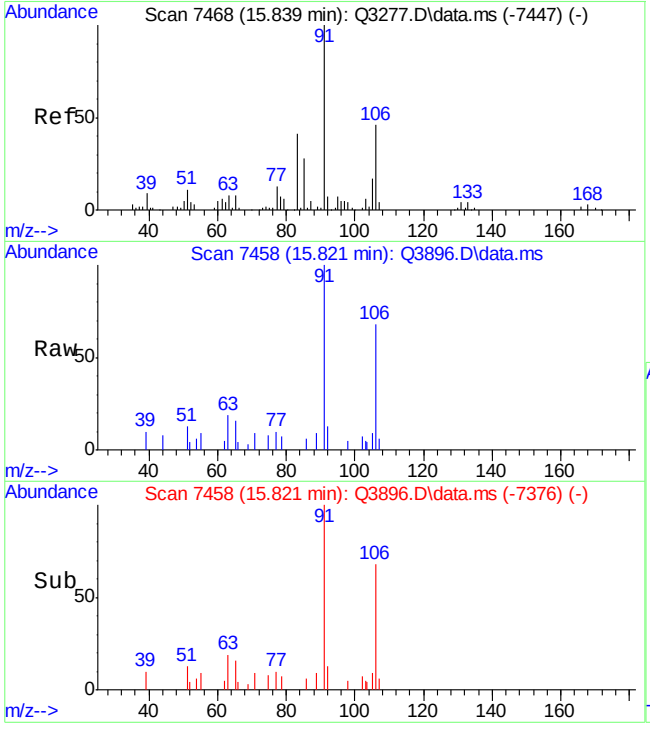


#56
m,p-XYLENE
Concen: 1.23 PPBV m
RT: 15.308 min Scan# 7169
Delta R.T. -0.021 min
Lab File: Q3896.D
Acq: 3 Jul 2007 7:13 pm

Tgt Ion:106 Resp: 20433

Ion	Ratio	Lower	Upper
106	100		
91	143.5	161.0	241.6#
77	23.3	21.8	32.8

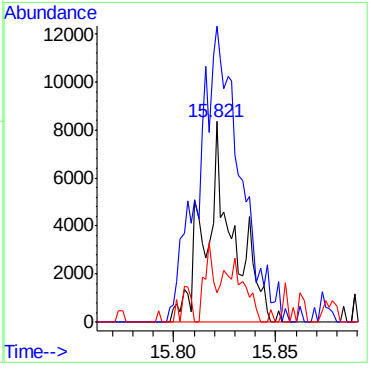


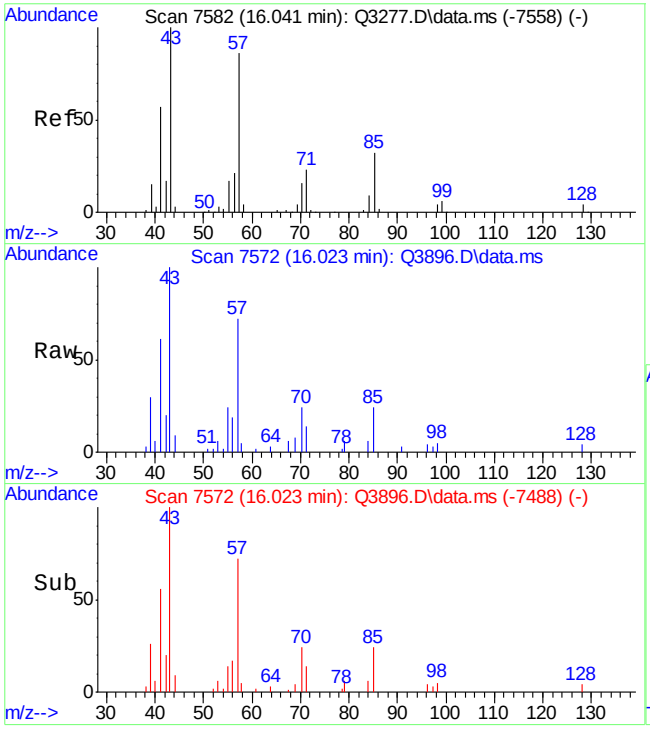


#57
o-XYLENE
Concen: 0.45 PPBV
RT: 15.821 min Scan# 7458
Delta R.T. -0.009 min
Lab File: Q3896.D
Acq: 3 Jul 2007 7:13 pm

Tgt Ion:106 Resp: 7949

Ion	Ratio	Lower	Upper
106	100		
91	219.6	196.2	236.2
77	36.9	7.8	47.8

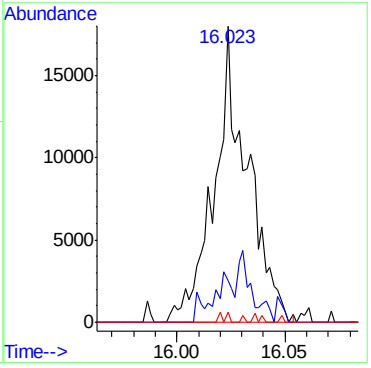


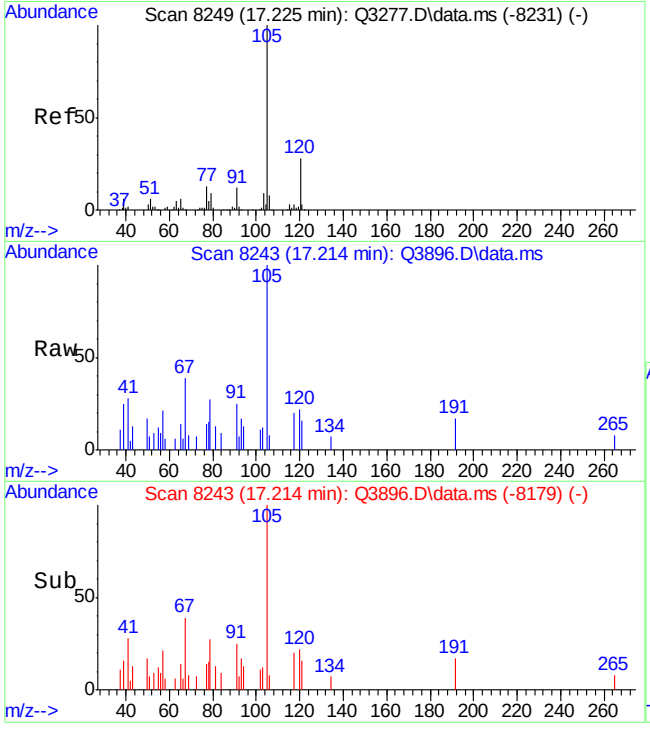


#59
NONANE
Concen: 0.74 PPBV
RT: 16.023 min Scan# 7572
Delta R.T. -0.007 min
Lab File: Q3896.D
Acq: 3 Jul 2007 7:13 pm

Tgt Ion: 43 Resp: 19036

Ion	Ratio	Lower	Upper
43	100		
71	20.2	0.0	39.0
128	0.8	0.0	23.7

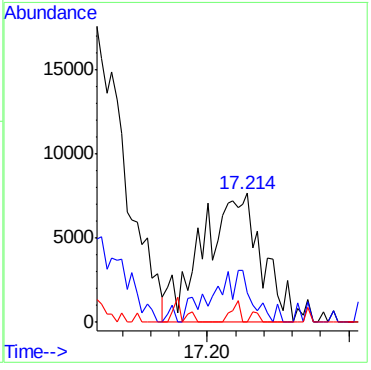




#65
4-ETHYLTOLUENE
Concen: 0.35 PPBV
RT: 17.214 min Scan# 8243
Delta R.T. 0.000 min
Lab File: Q3896.D
Acq: 3 Jul 2007 7:13 pm

Tgt Ion:105 Resp: 11138

Ion	Ratio	Lower	Upper
105	100		
120	11.9	9.2	49.2
119	3.4	0.0	22.1



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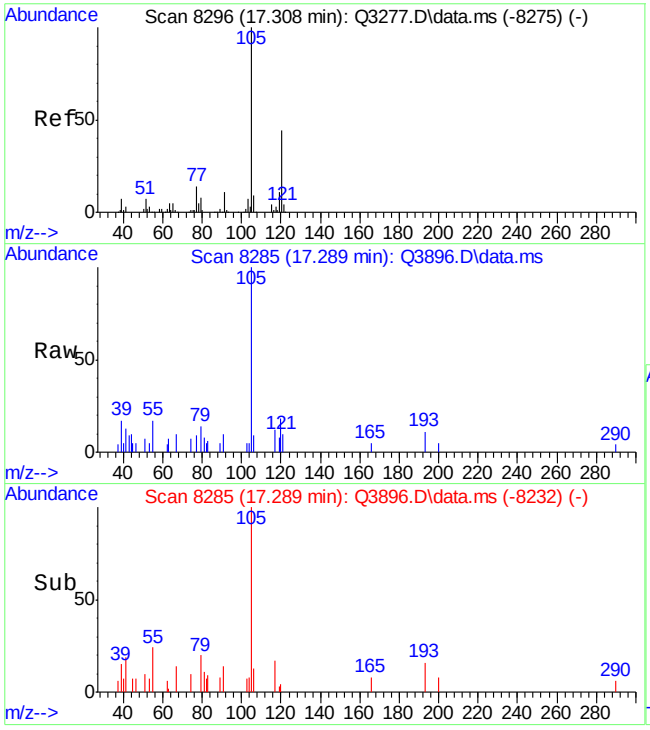
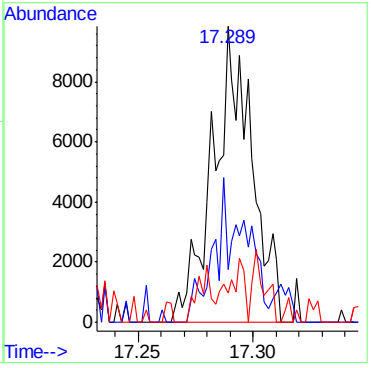
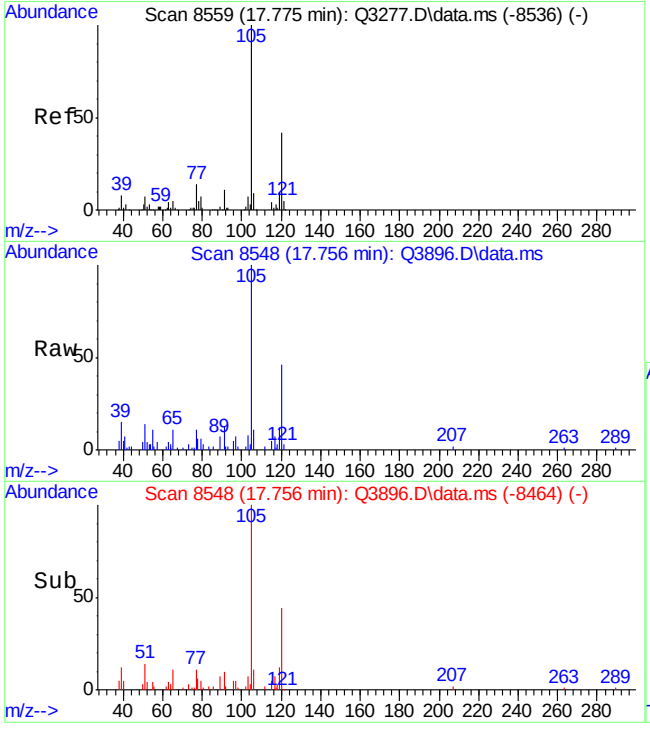


#66
1,3,5-TRIMETHYLBENZENE
Concen: 0.24 PPBV
RT: 17.289 min Scan# 8285
Delta R.T. -0.008 min
Lab File: Q3896.D
Acq: 3 Jul 2007 7:13 pm

Tgt Ion:105 Resp: 11556

Ion	Ratio	Lower	Upper
105	100		
120	43.7	28.5	68.5
91	24.2	0.0	31.2

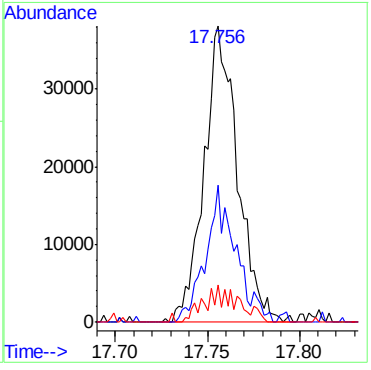




#67
1,2,4-TRIMETHYLBENZENE
Concen: 1.38 PPBV
RT: 17.756 min Scan# 8548
Delta R.T. -0.006 min
Lab File: Q3896.D
Acq: 3 Jul 2007 7:13 pm

Tgt Ion:105 Resp: 48212

Ion	Ratio	Lower	Upper
105	100		
120	41.1	25.4	65.4
119	5.8	0.0	31.4

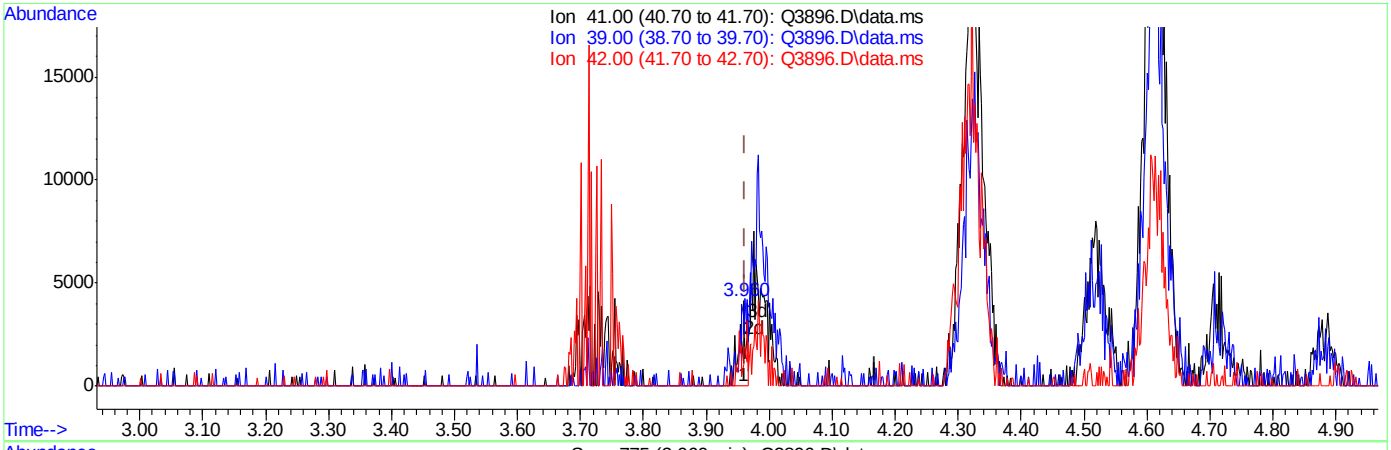


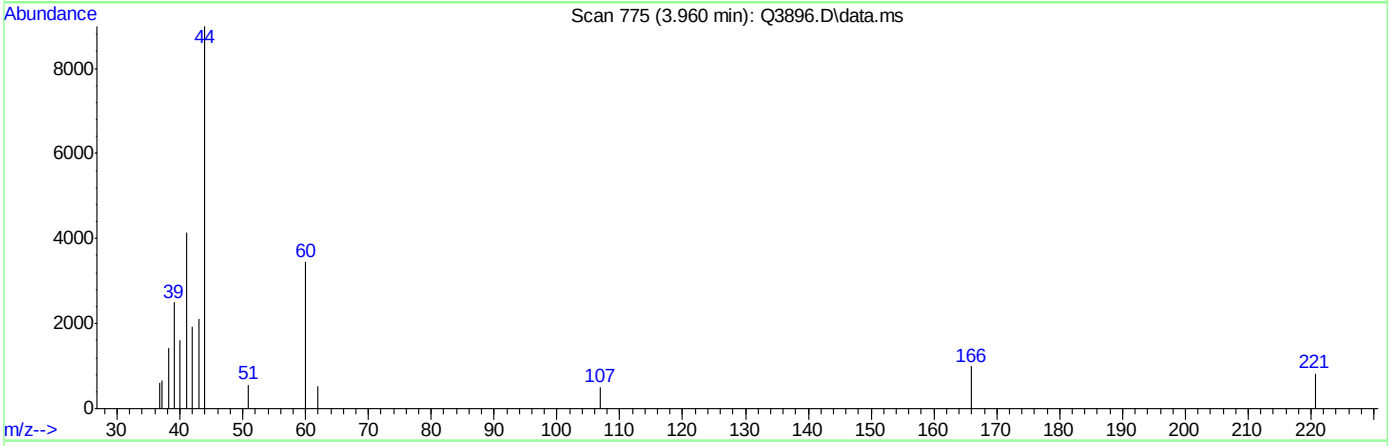
ACCUTEST Laboratories M65960

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3896.D
Acq On : 3 Jul 2007 7:13 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 09:41:44 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 09:24:00 2007
Response via : Initial Calibration





TIC: Q3896.D\data.ms

(3) PROPYLENE (m)

3.960min (-0.003) 0.45PPBV

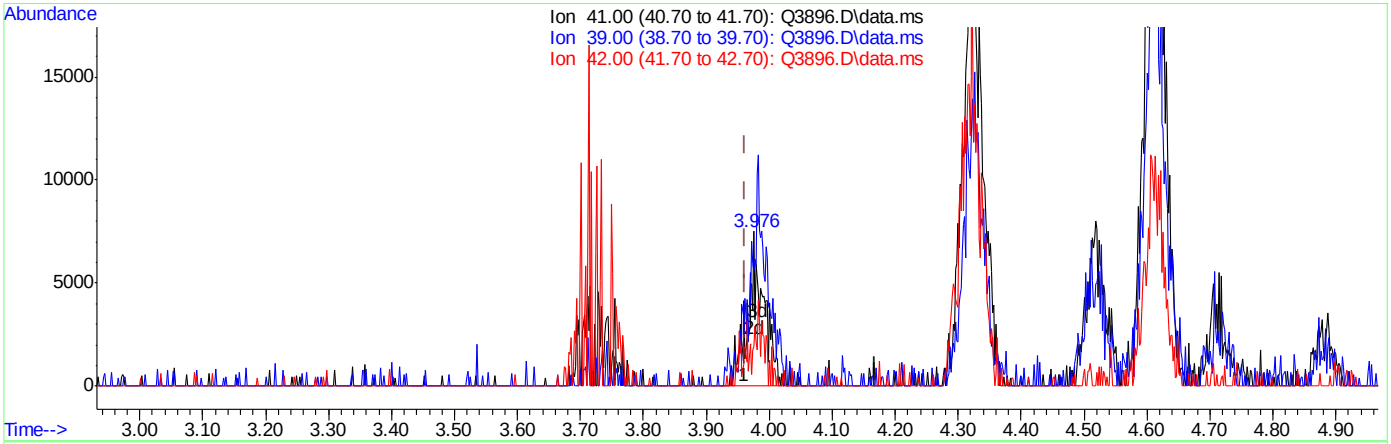
response 3460

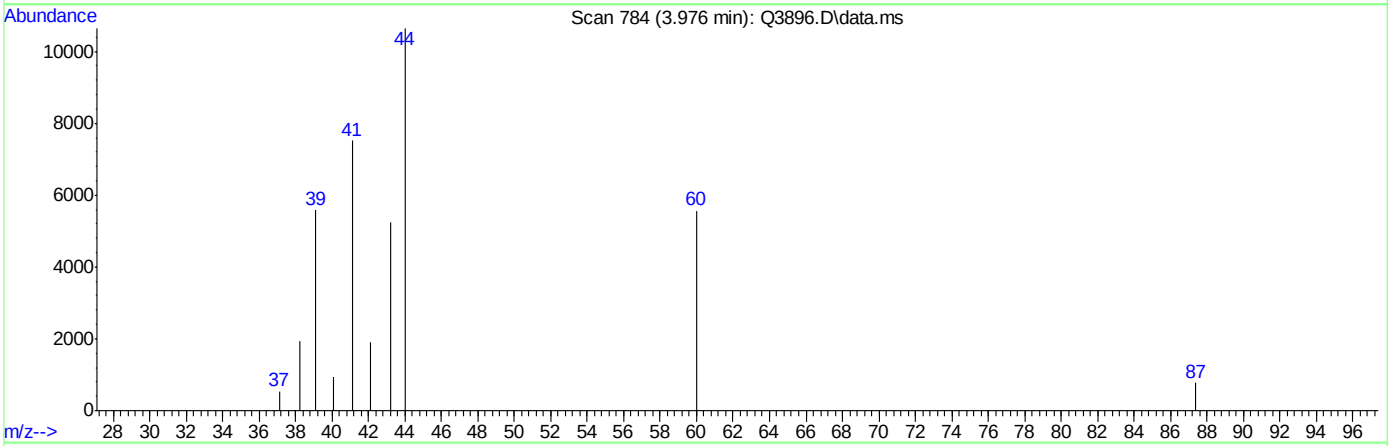
Ion	Exp%	Act%
41.00	100	100
39.00	72.50	60.42
42.00	67.80	46.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3896.D
Acq On : 3 Jul 2007 7:13 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 09:41:44 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 09:24:00 2007
Response via : Initial Calibration





TIC: Q3896.D\data.ms

(3) PROPYLENE (m)

3.976min (+0.013) 1.80PPBV m

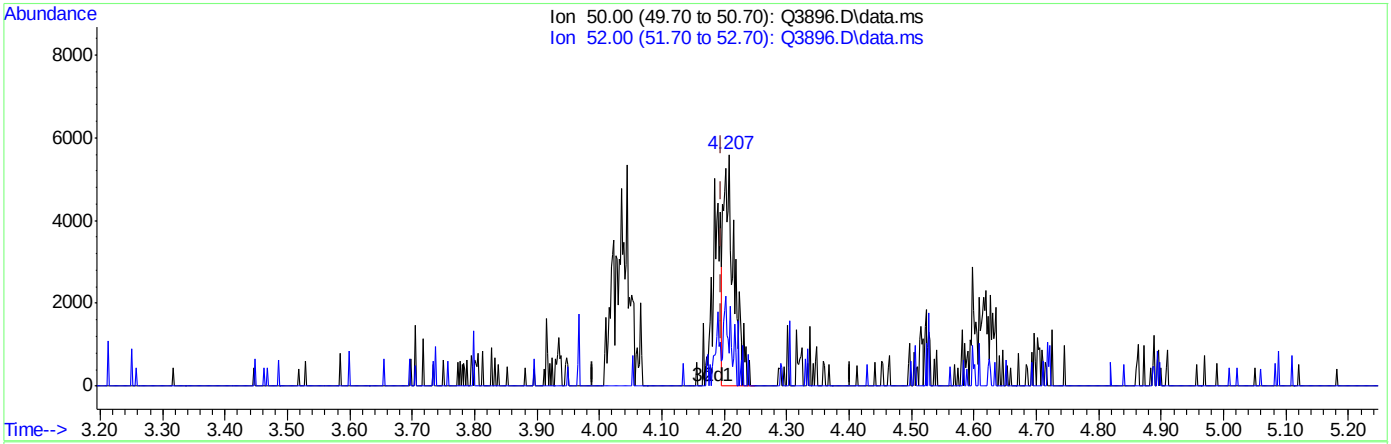
response 13894

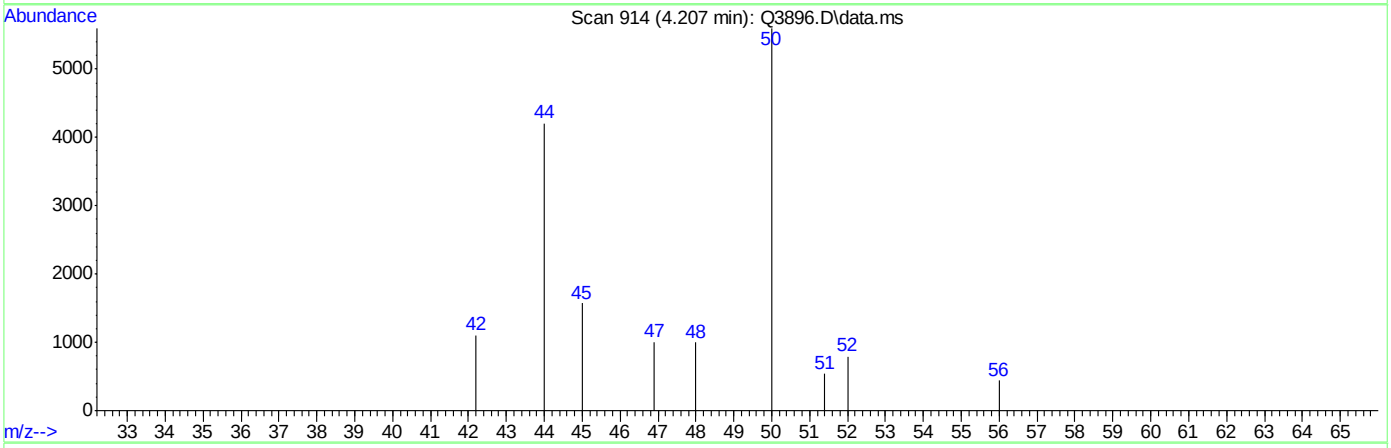
Ion	Exp%	Act%
41.00	100	100
39.00	72.50	74.26
42.00	67.80	25.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3896.D
Acq On : 3 Jul 2007 7:13 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 09:41:44 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 09:24:00 2007
Response via : Initial Calibration





TIC: Q3896.D\data.ms

(5) CHLOROMETHANE (m)

4.207min (+0.011) 0.64PPBV

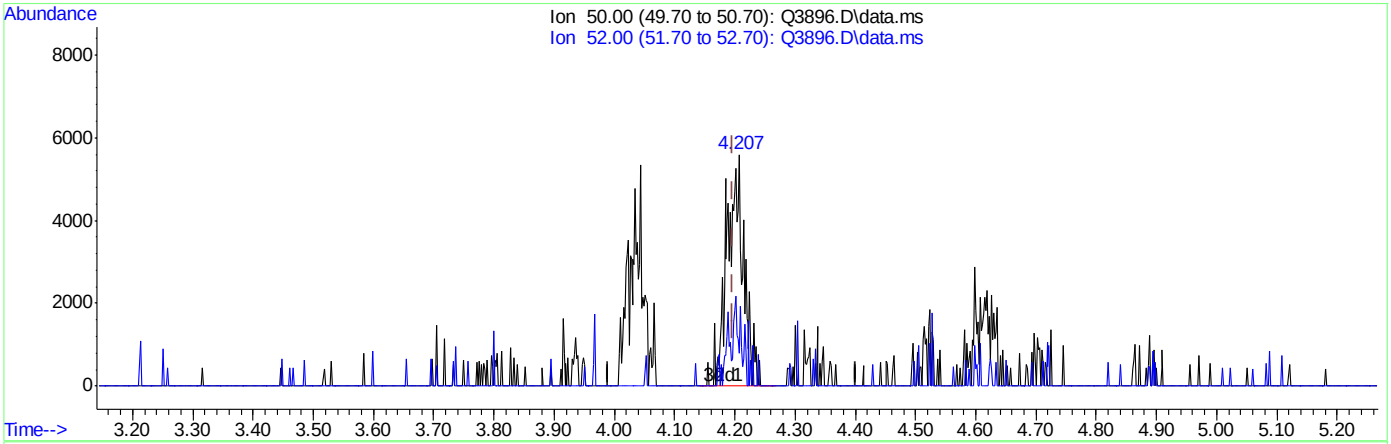
response 6508

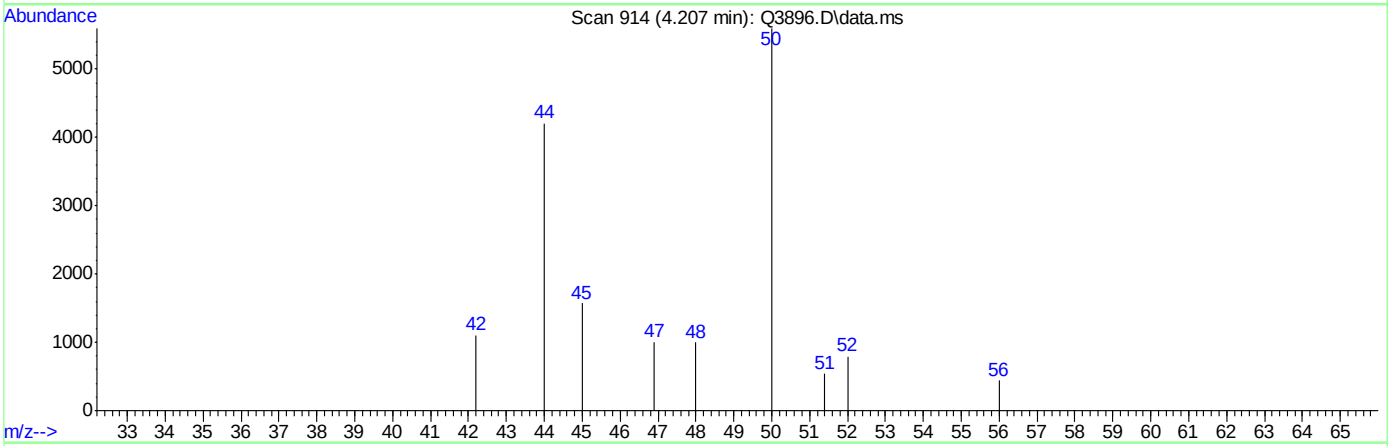
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	11.84#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3896.D
Acq On : 3 Jul 2007 7:13 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 09:41:44 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 09:24:00 2007
Response via : Initial Calibration





TIC: Q3896.D\data.ms

(5) CHLOROMETHANE (m)

4.207min (+0.011) 1.06PPBV m

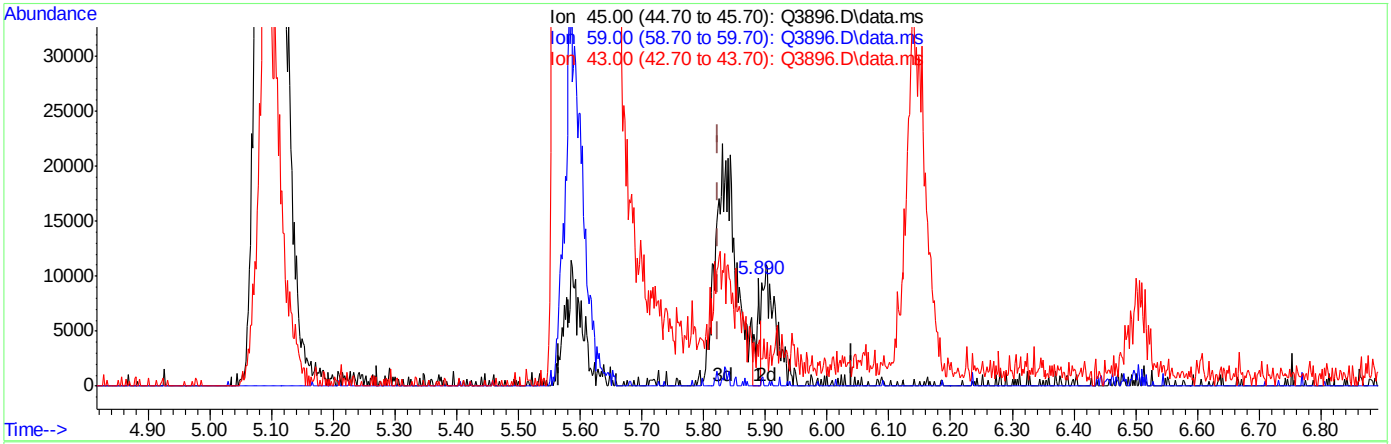
response 10669

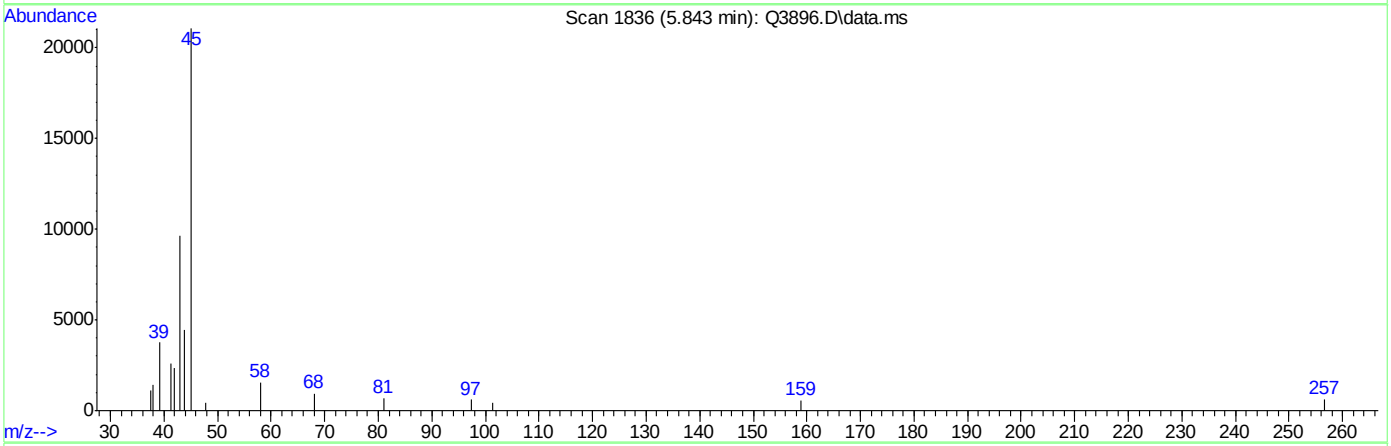
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	14.12
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3896.D
Acq On : 3 Jul 2007 7:13 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 09:41:44 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 09:24:00 2007
Response via : Initial Calibration





TIC: Q3896.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.890min (+0.065) 0.17PPBV

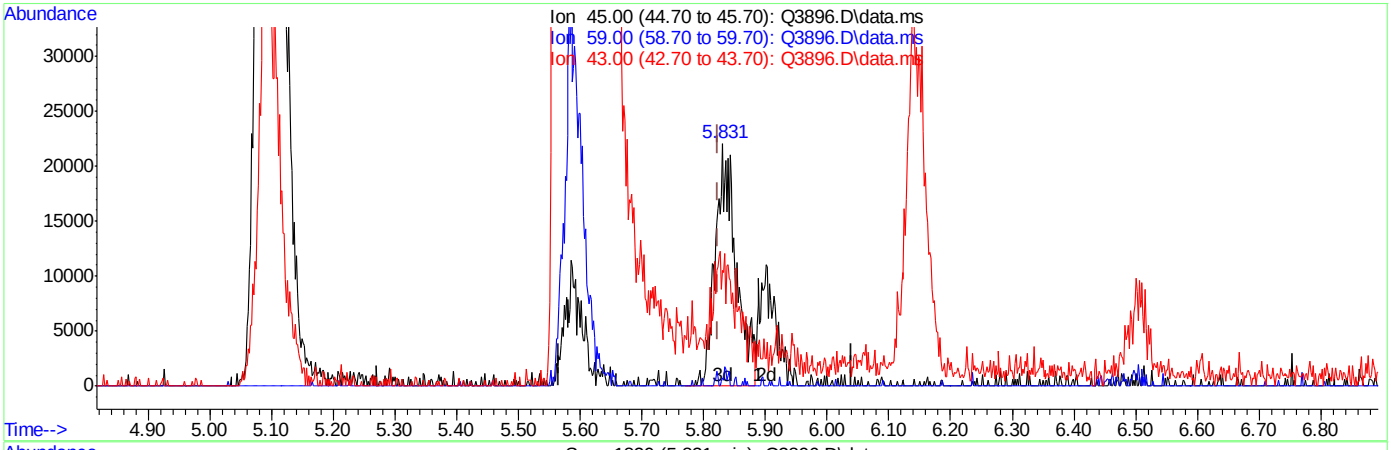
response 4835

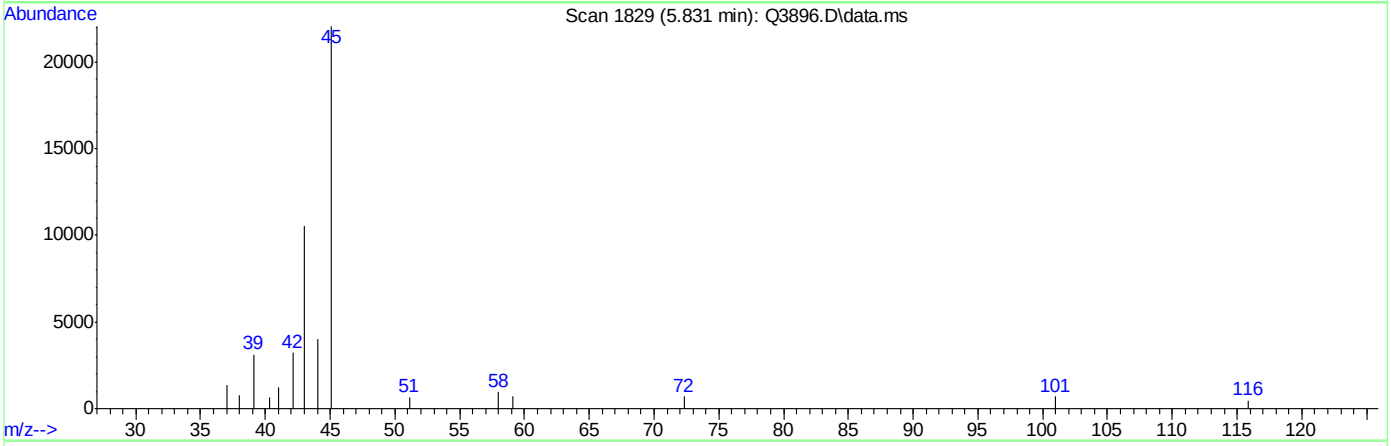
Ion	Exp%	Act%
45.00	100	100
59.00	3.70	0.00
43.00	19.70	38.91
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3896.D
Acq On : 3 Jul 2007 7:13 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 09:41:44 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 09:24:00 2007
Response via : Initial Calibration





TIC: Q3896.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.831min (+0.006) 1.76PPBV m

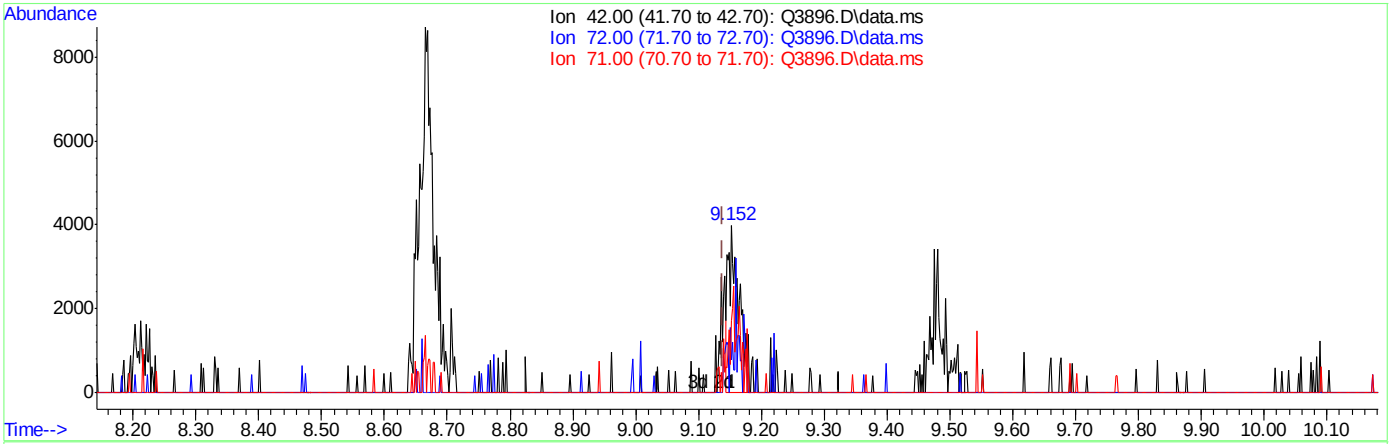
response 50611

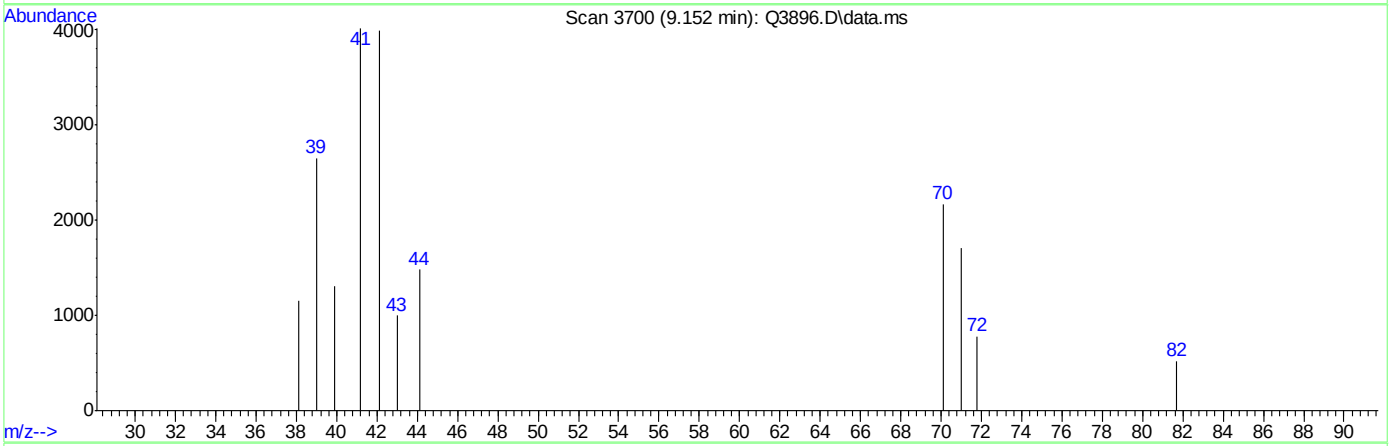
Ion	Exp%	Act%
45.00	100	100
59.00	3.70	3.31
43.00	19.70	47.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3896.D
Acq On : 3 Jul 2007 7:13 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 09:41:44 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 09:24:00 2007
Response via : Initial Calibration





TIC: Q3896.D\data.ms

(24) TETRAHYDROFURAN (m)

9.152min (+0.012) 0.71PPBV

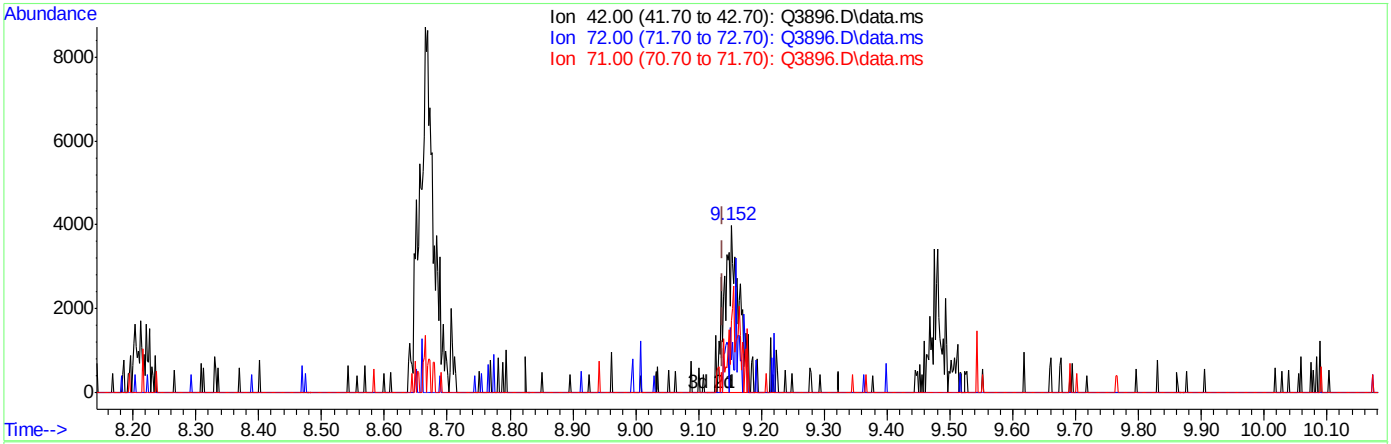
response 4903

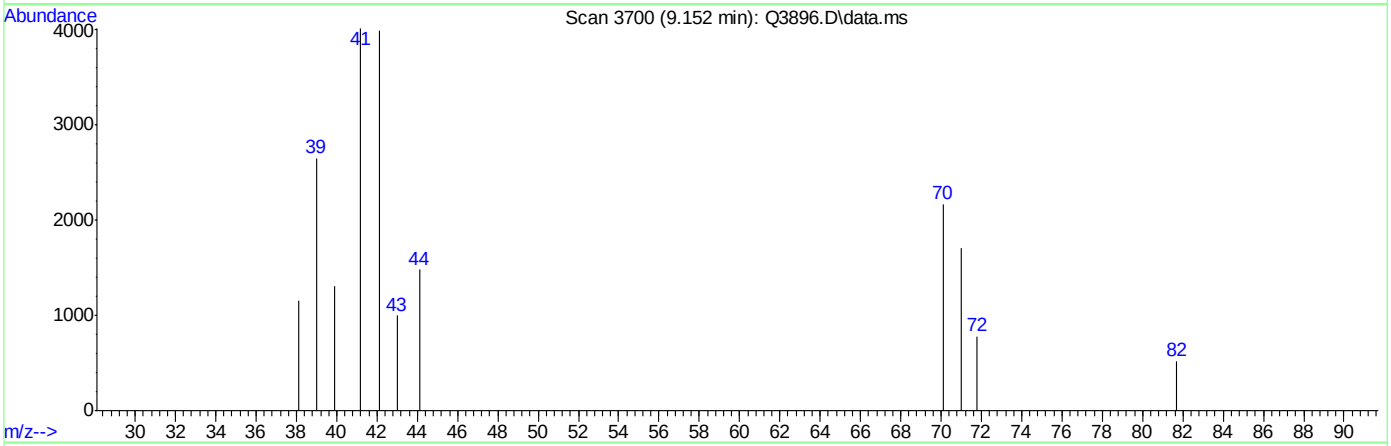
Ion	Exp%	Act%
42.00	100	100
72.00	28.70	29.59
71.00	27.60	16.05
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3896.D
Acq On : 3 Jul 2007 7:13 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 09:41:44 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 09:24:00 2007
Response via : Initial Calibration





TIC: Q3896.D\data.ms

(24) TETRAHYDROFURAN (m)

9.152min (+0.012) 0.98PPBV m

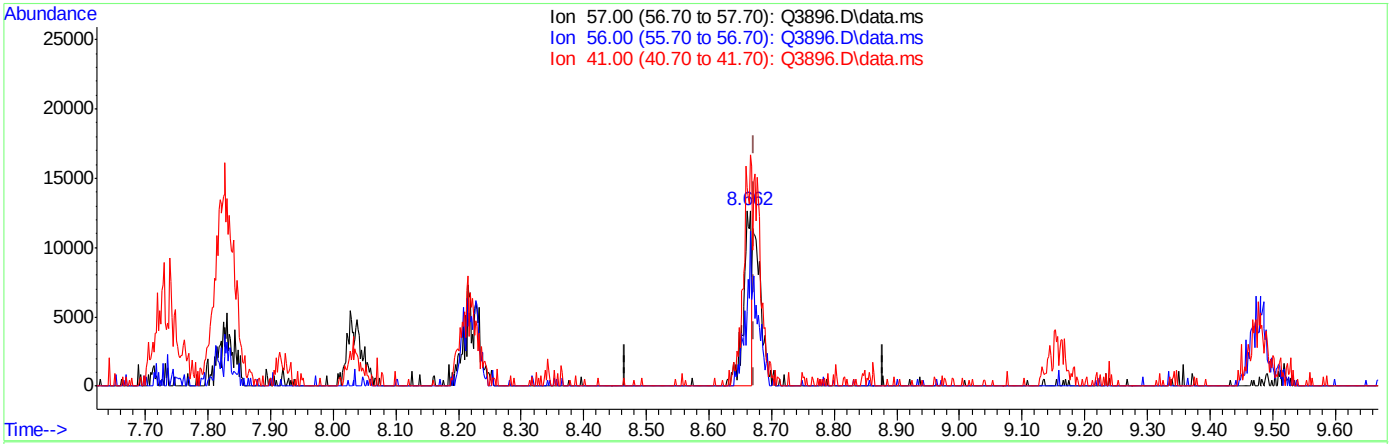
response 6784

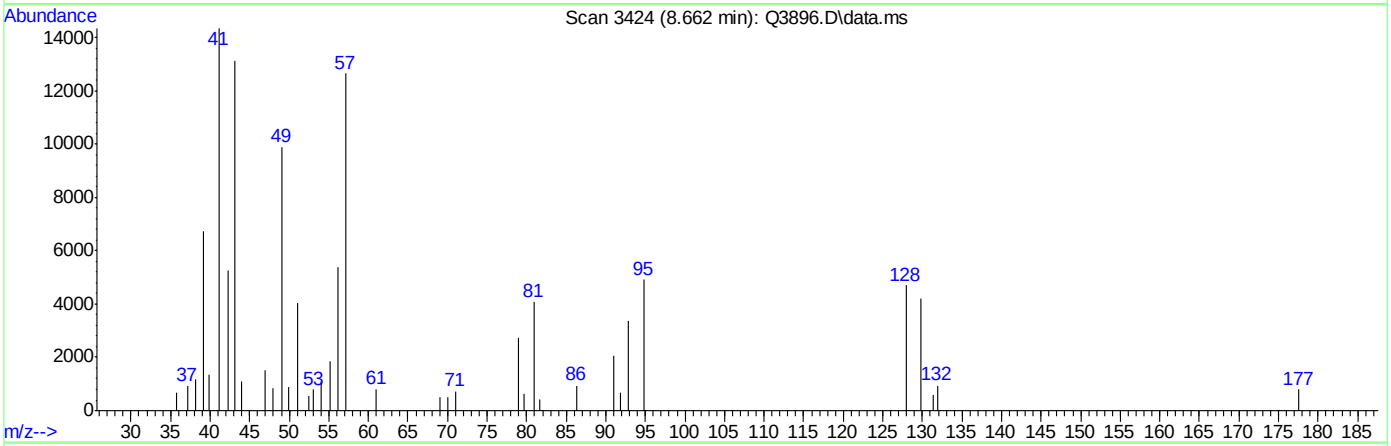
Ion	Exp%	Act%
42.00	100	100
72.00	28.70	21.39
71.00	27.60	11.60
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3896.D
Acq On : 3 Jul 2007 7:13 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 09:41:44 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 09:24:00 2007
Response via : Initial Calibration





TIC: Q3896.D\data.ms

(25) HEXANE (m)

8.662min (-0.010) 0.87PPBV

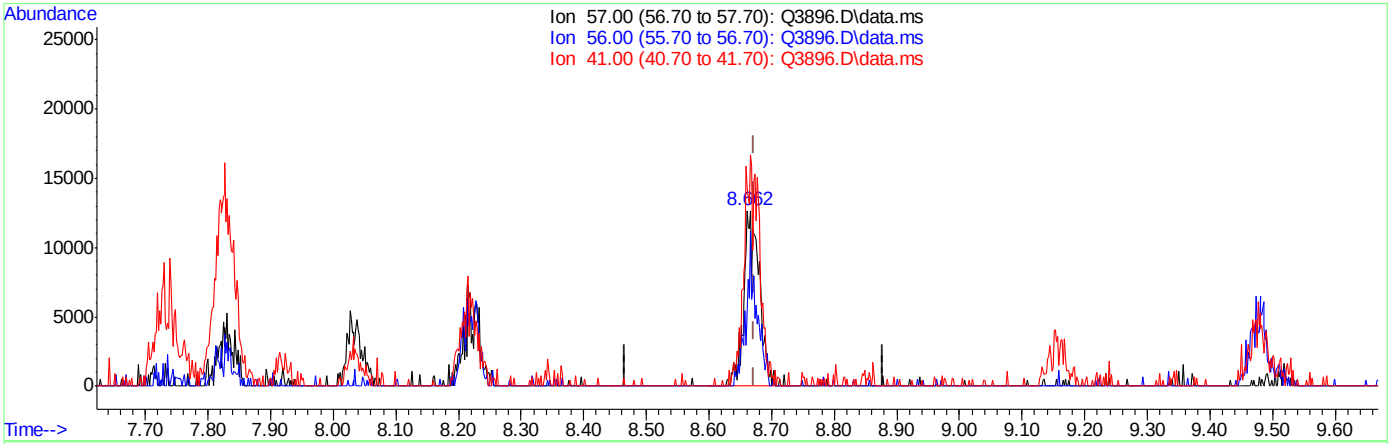
response 11253

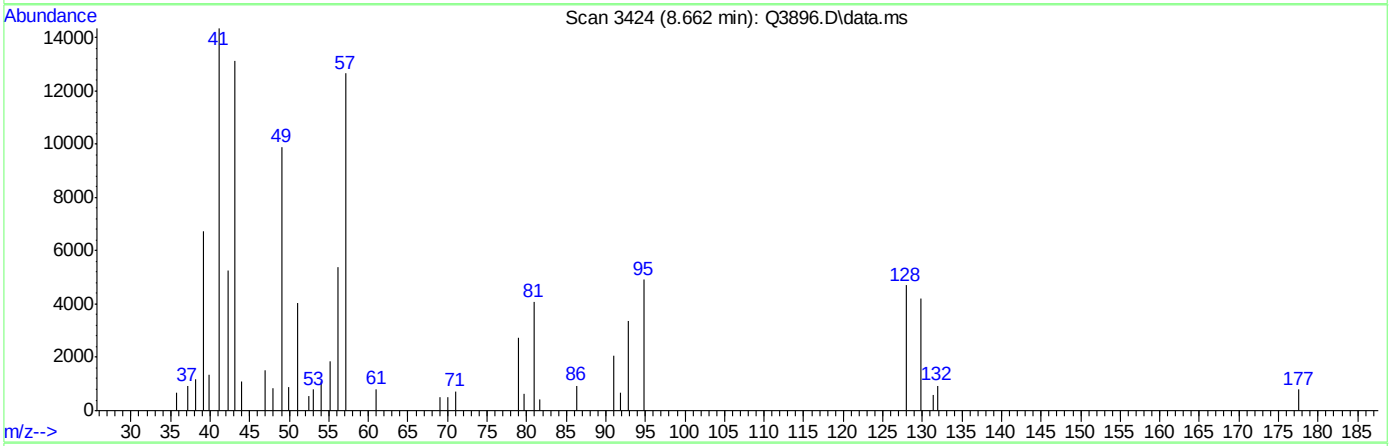
Ion	Exp%	Act%
57.00	100	100
56.00	54.30	118.00#
41.00	78.90	258.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3896.D
Acq On : 3 Jul 2007 7:13 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 09:41:44 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 09:24:00 2007
Response via : Initial Calibration





TIC: Q3896.D\data.ms

(25) HEXANE (m)

8.662min (-0.010) 1.71PPBV m

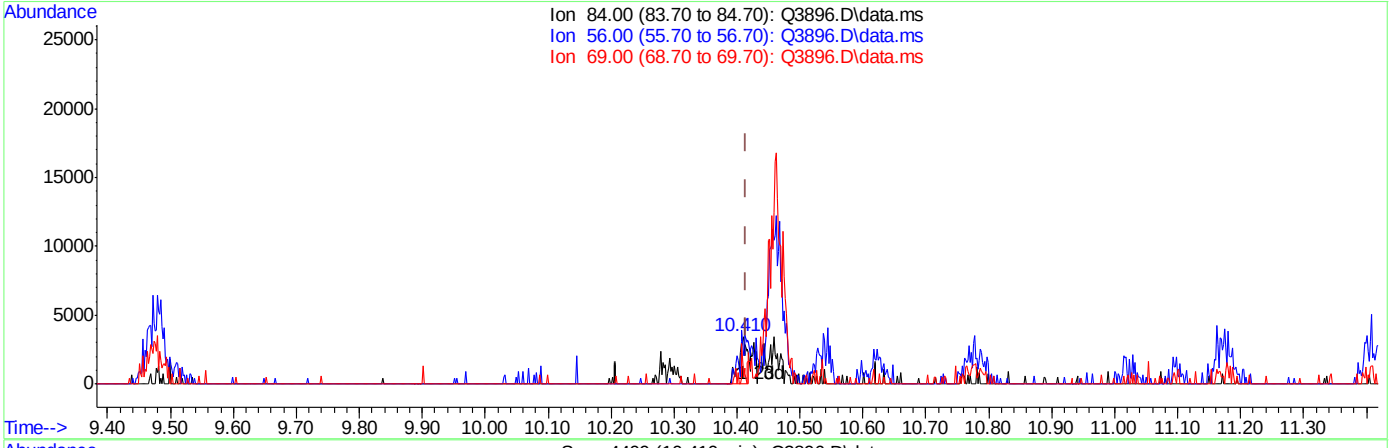
response 22169

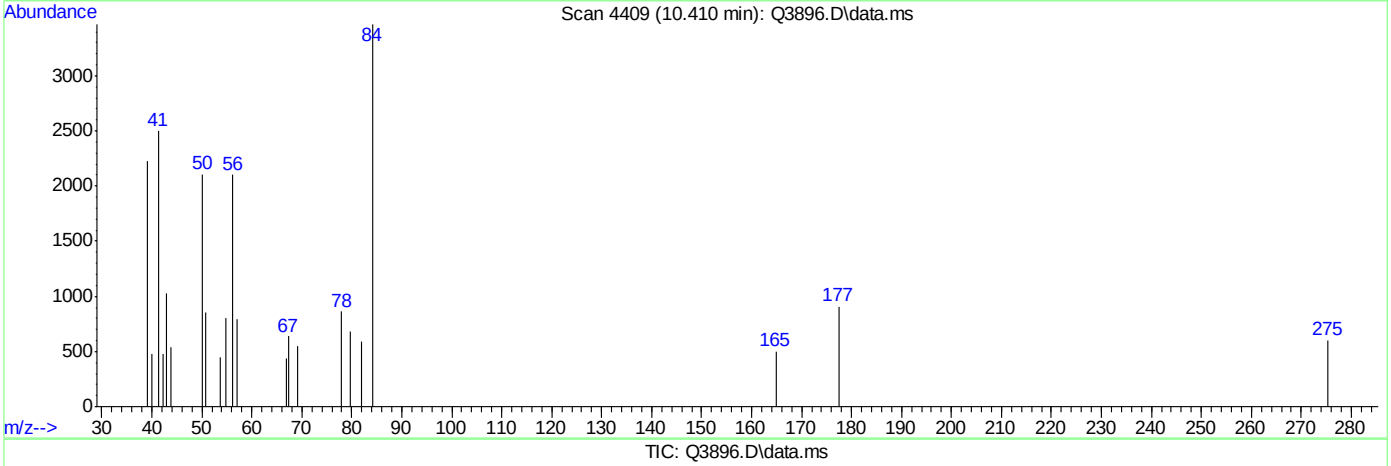
Ion	Exp%	Act%
57.00	100	100
56.00	54.30	59.89
41.00	78.90	131.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3896.D
Acq On : 3 Jul 2007 7:13 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 09:41:44 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 09:24:00 2007
Response via : Initial Calibration





TIC: Q3896.D\data.ms

(37) CYCLOHEXANE (m)

10.410min (-0.005) 0.29PPBV

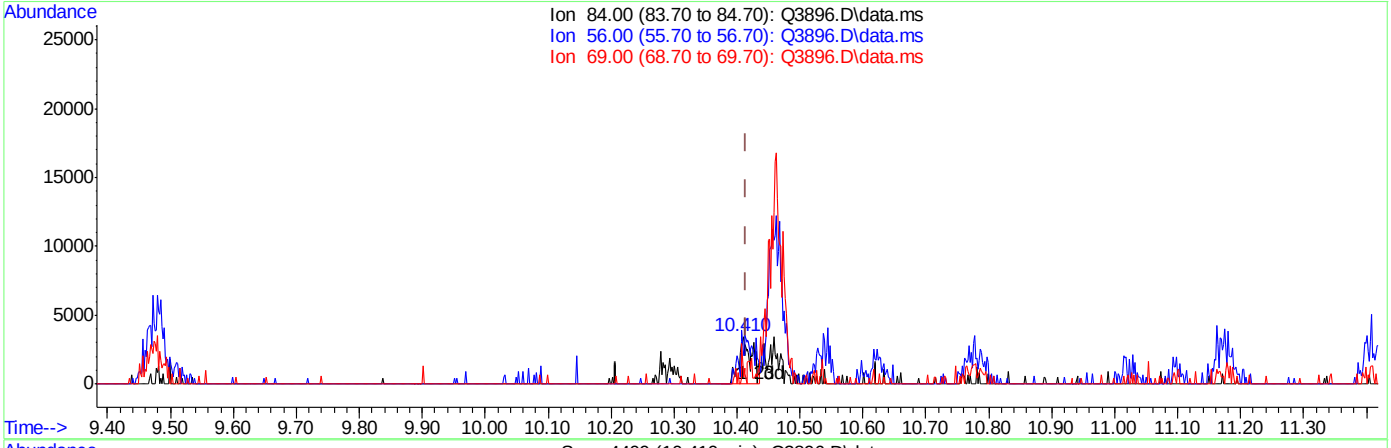
response 3335

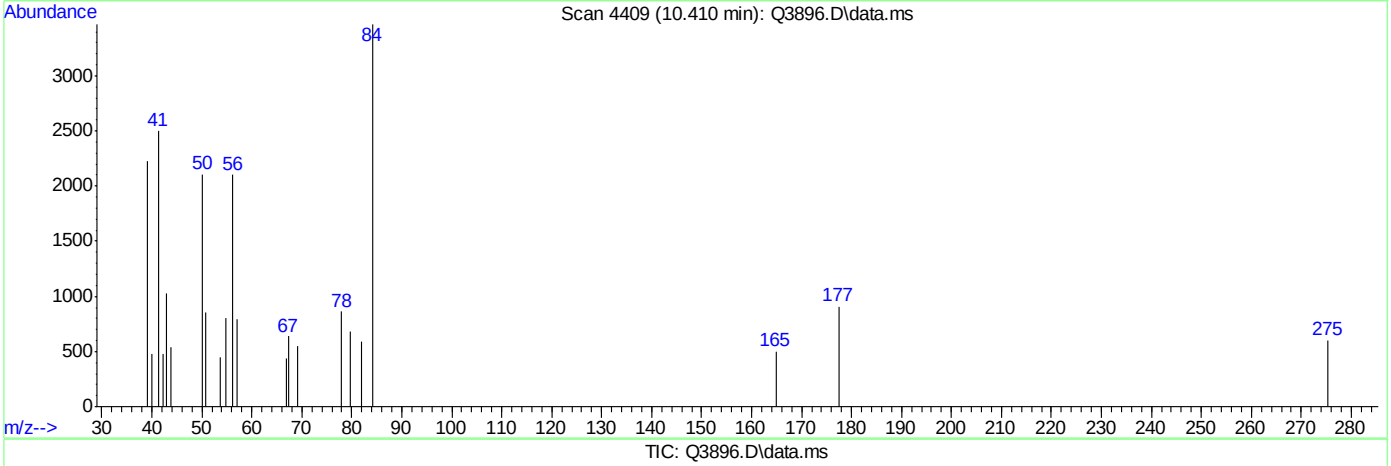
Ion	Exp%	Act%
84.00	100	100
56.00	177.10	178.11
69.00	37.70	28.52
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3896.D
Acq On : 3 Jul 2007 7:13 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 09:41:44 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 09:24:00 2007
Response via : Initial Calibration





TIC: Q3896.D\data.ms

(37) CYCLOHEXANE (m)

10.410min (-0.005) 0.46PPBV m

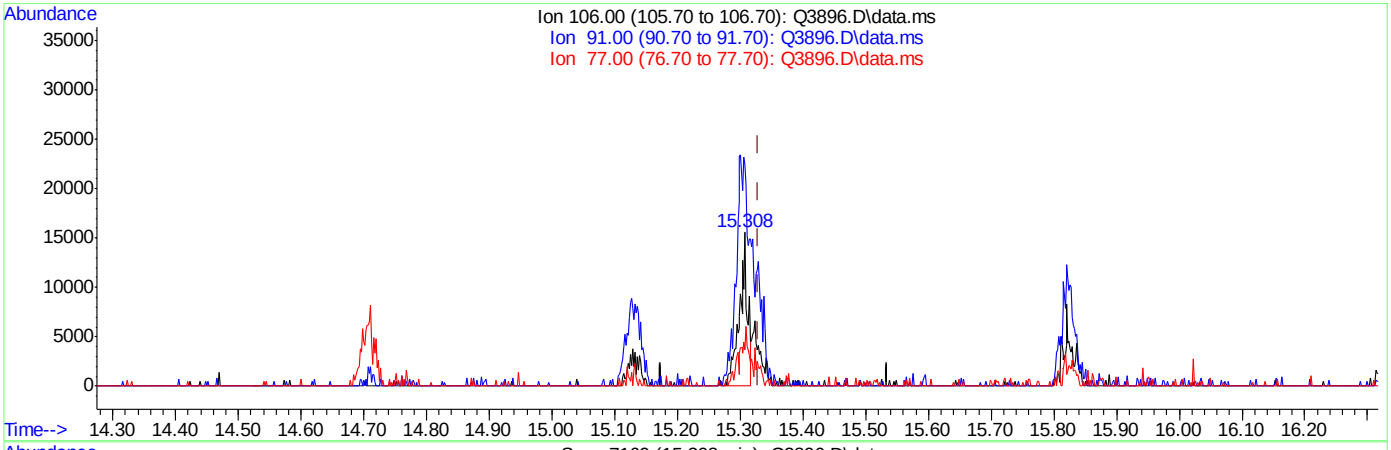
response 5205

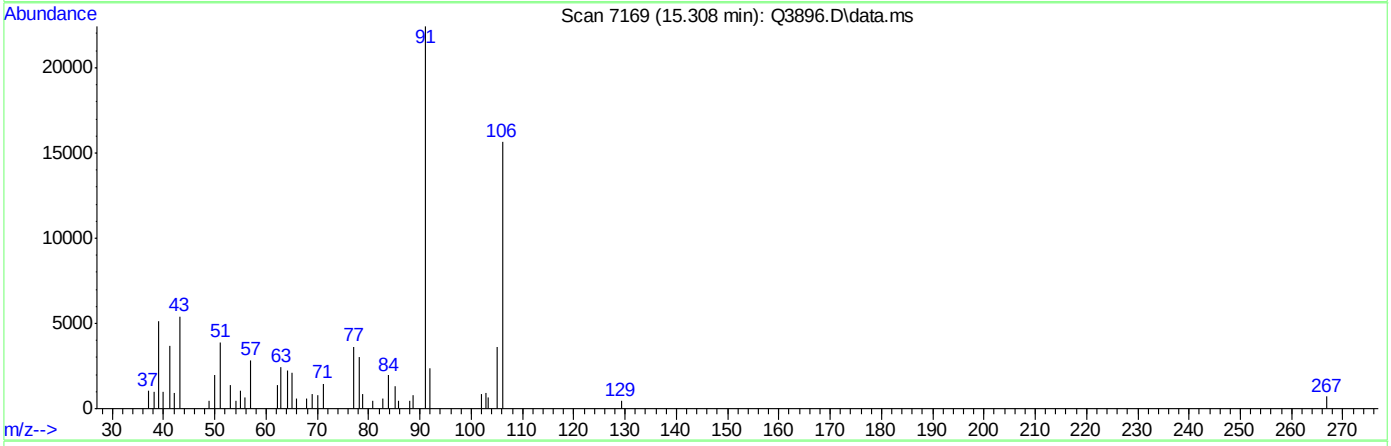
Ion	Exp%	Act%
84.00	100	100
56.00	177.10	114.12#
69.00	37.70	18.27
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3896.D
Acq On : 3 Jul 2007 7:13 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 09:41:44 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 09:24:00 2007
Response via : Initial Calibration





TIC: Q3896.D\data.ms

(56) m,p-XYLENE (m)

15.308min (-0.021) 0.86PPBV

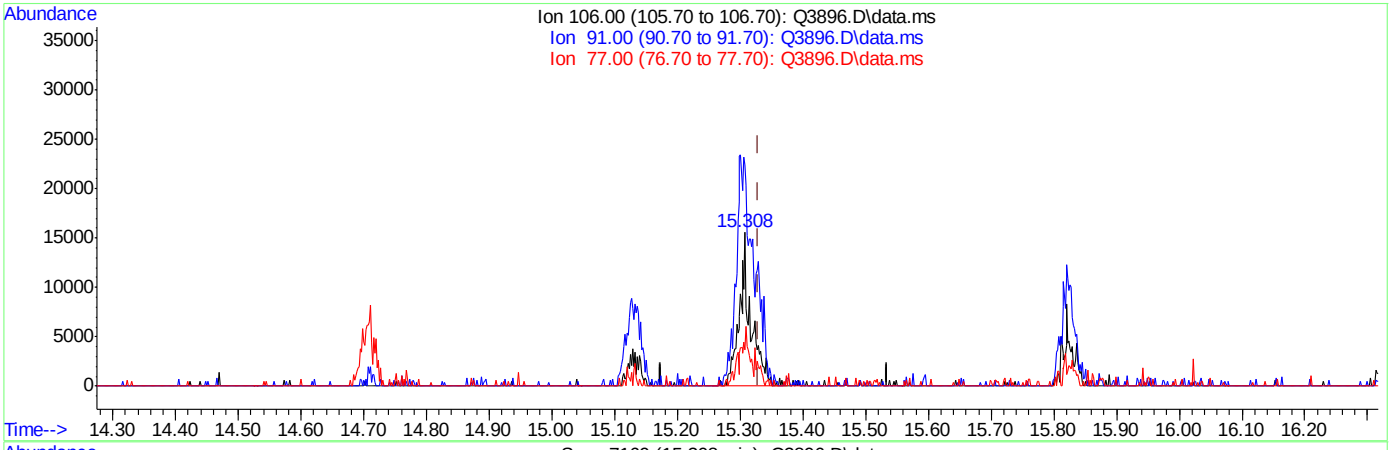
response 14294

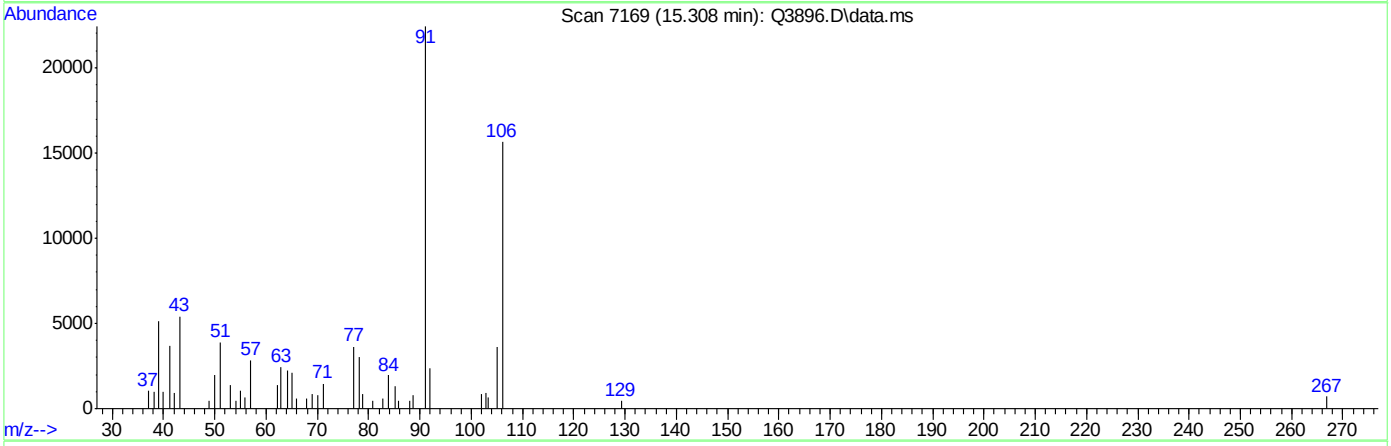
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	143.47#
77.00	27.30	23.27
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3896.D
Acq On : 3 Jul 2007 7:13 pm
Operator : PhilipB
Sample : M65960-1
Misc : MS13877, MSQ209,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 09:41:44 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 09:24:00 2007
Response via : Initial Calibration





TIC: Q3896.D\data.ms

(56) m,p-XYLENE (m)

15.308min (-0.021) 1.23PPBV m

response 20433

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	143.47#
77.00	27.30	23.27
0.00	0.00	0.00

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	

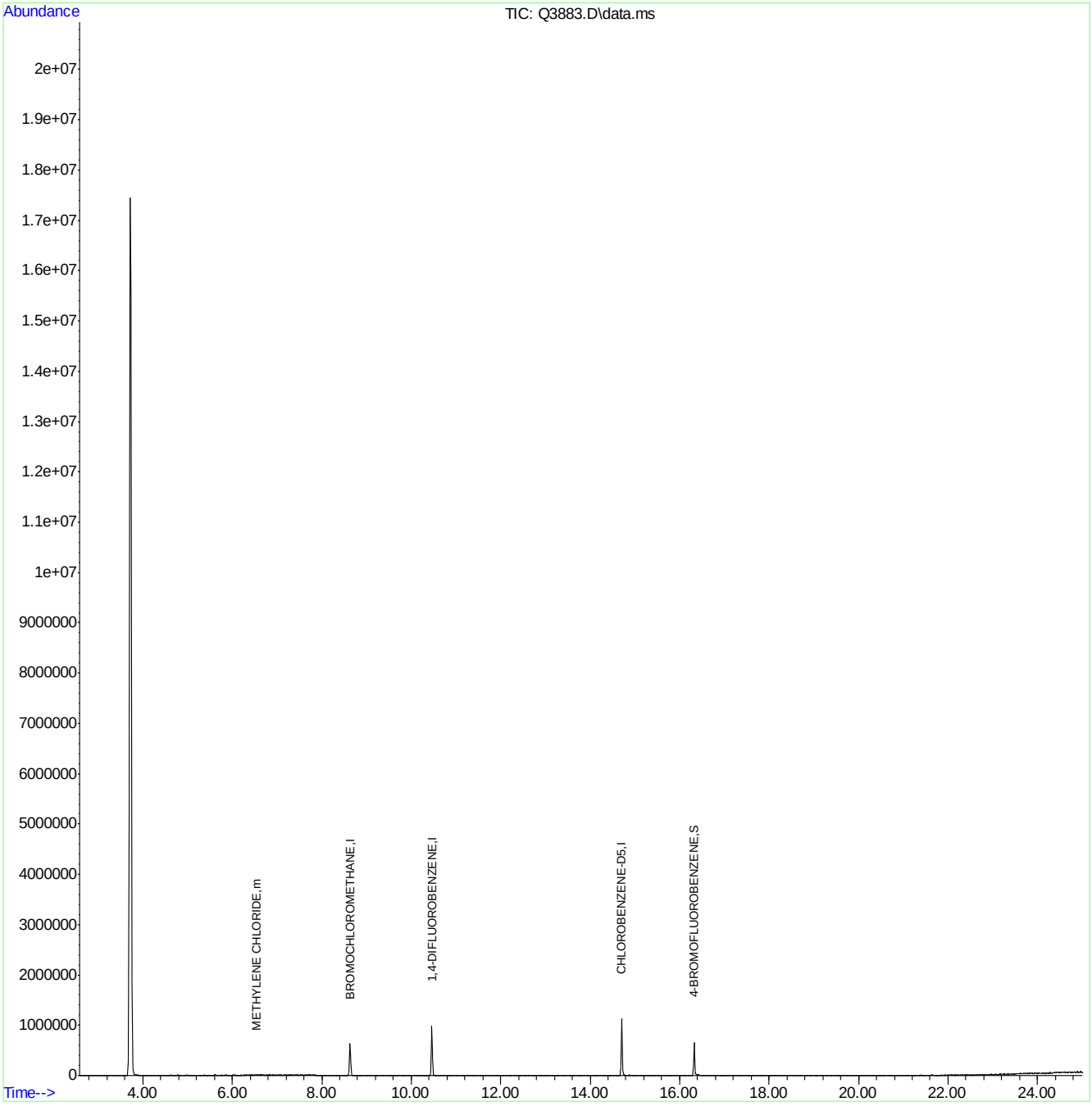
(#) = qualifier out of range (m) = manual integration (+) = signals summed

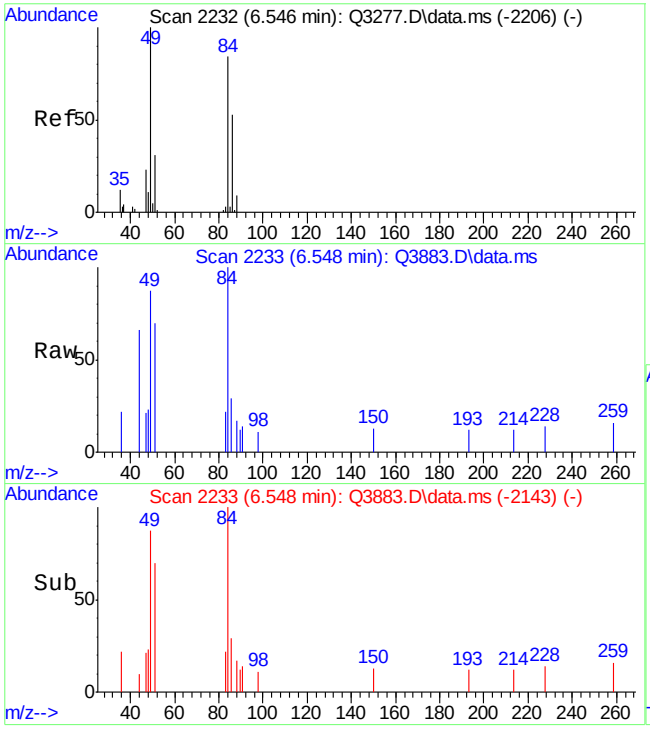
ACCUTEST Laboratories M65960

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

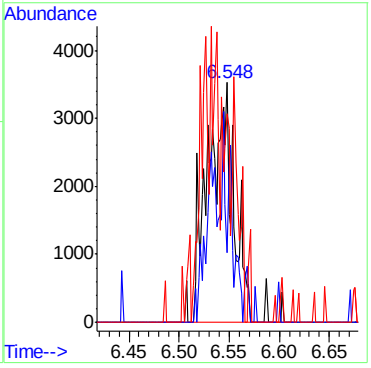




#18
METHYLENE CHLORIDE
Concen: 0.34 PPBV m
RT: 6.548 min Scan# 2233
Delta R.T. 0.009 min
Lab File: Q3883.D
Acq: 2 Jul 2007 8:22 pm

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



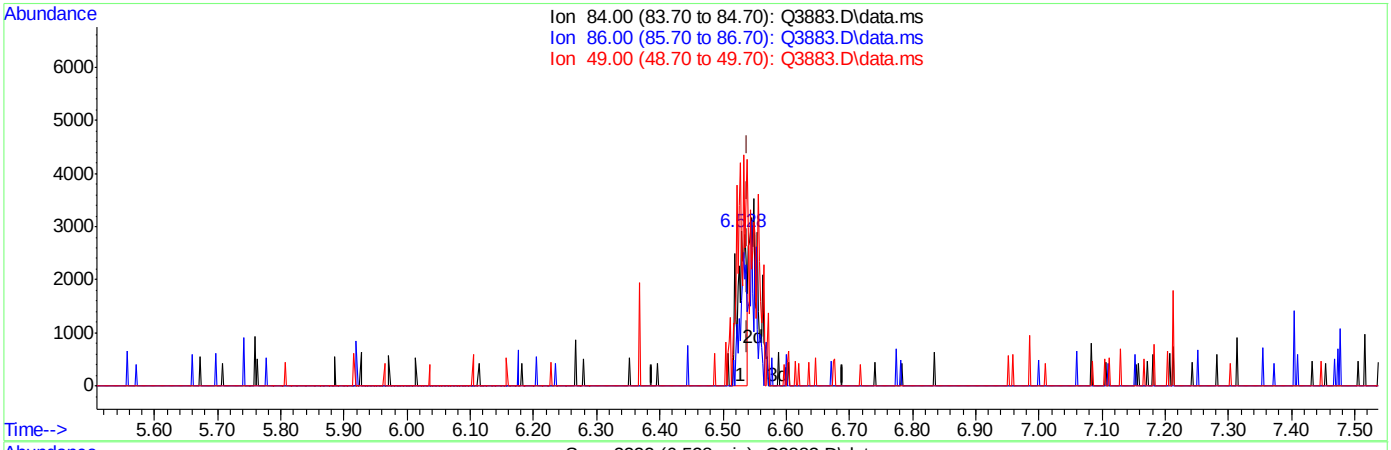
6.2.1

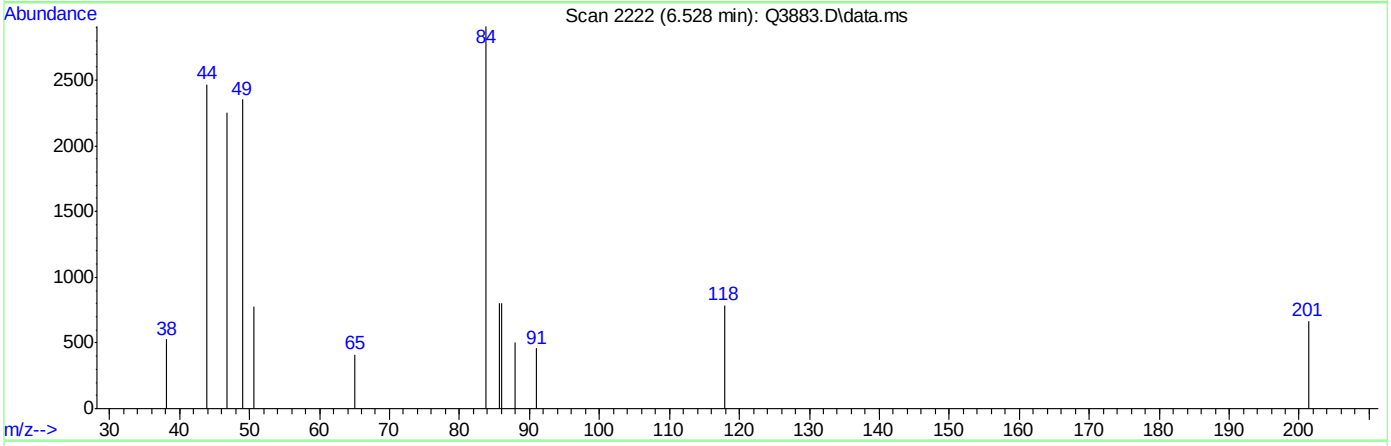
6

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

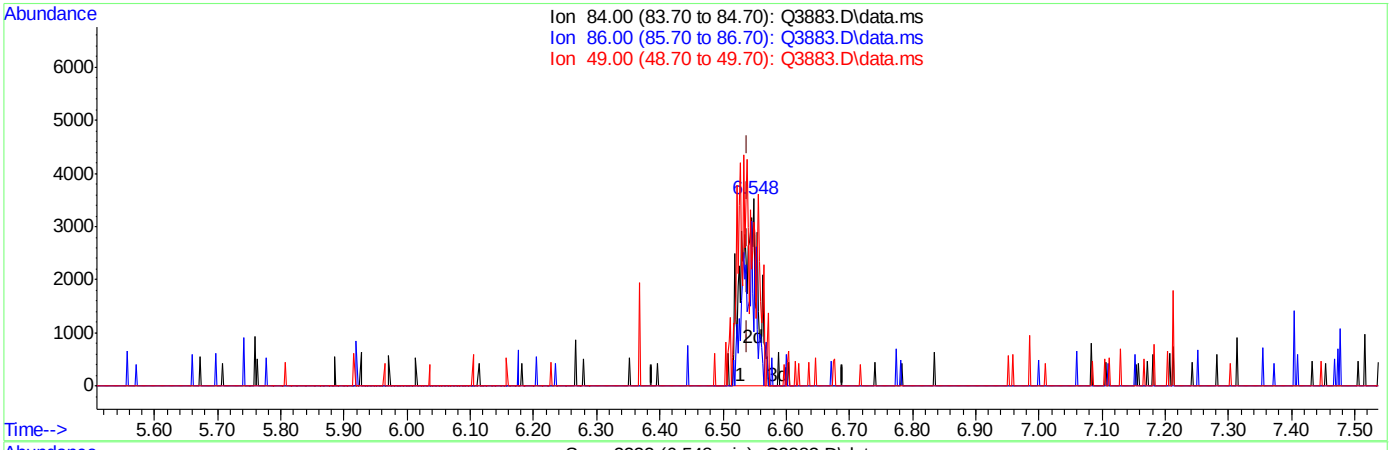
Ion	Exp%	Act%
84.00	100	100
86.00	64.10	65.74
49.00	172.30	100.88
0.00	0.00	0.00

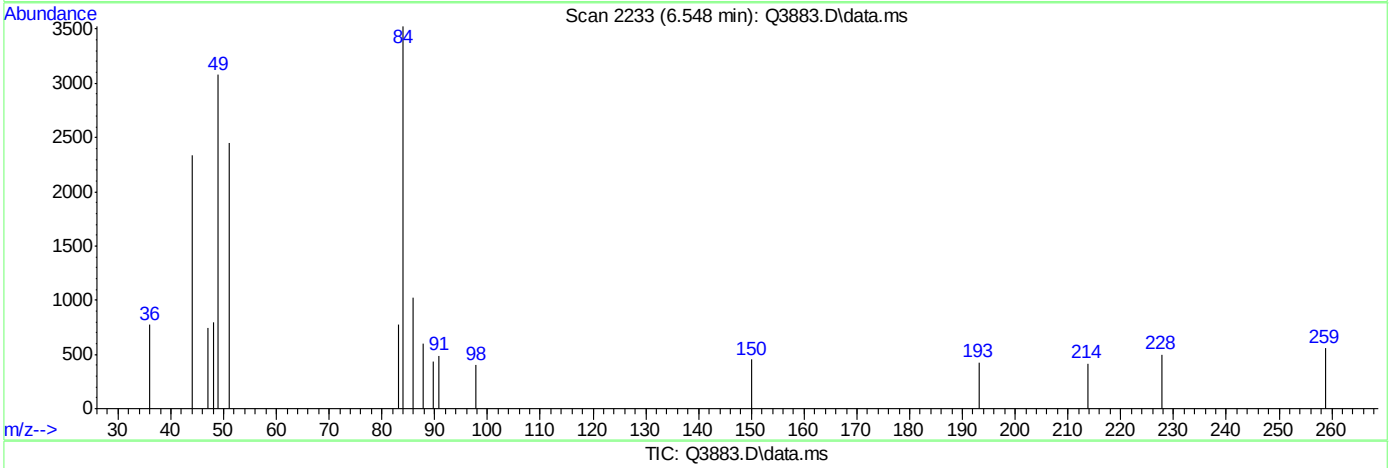
ACCUTEST Laboratories M65960

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 M65960

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10740.D
Acq On : 22 Jun 2007 7:46 pm
Operator : danat
Sample : mb (m098)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 25 09:31:25 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	309814	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1237988	10.00	PPBV	-0.01
49) CHLOROBENZENE-D5	14.67	117	1037522	10.00	PPBV	-0.01

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	283425	4.40	PPBV	-0.02

Spiked Amount 5.000 Range 51 - 142 Recovery = 88.00%

Target Compounds	Qvalue

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

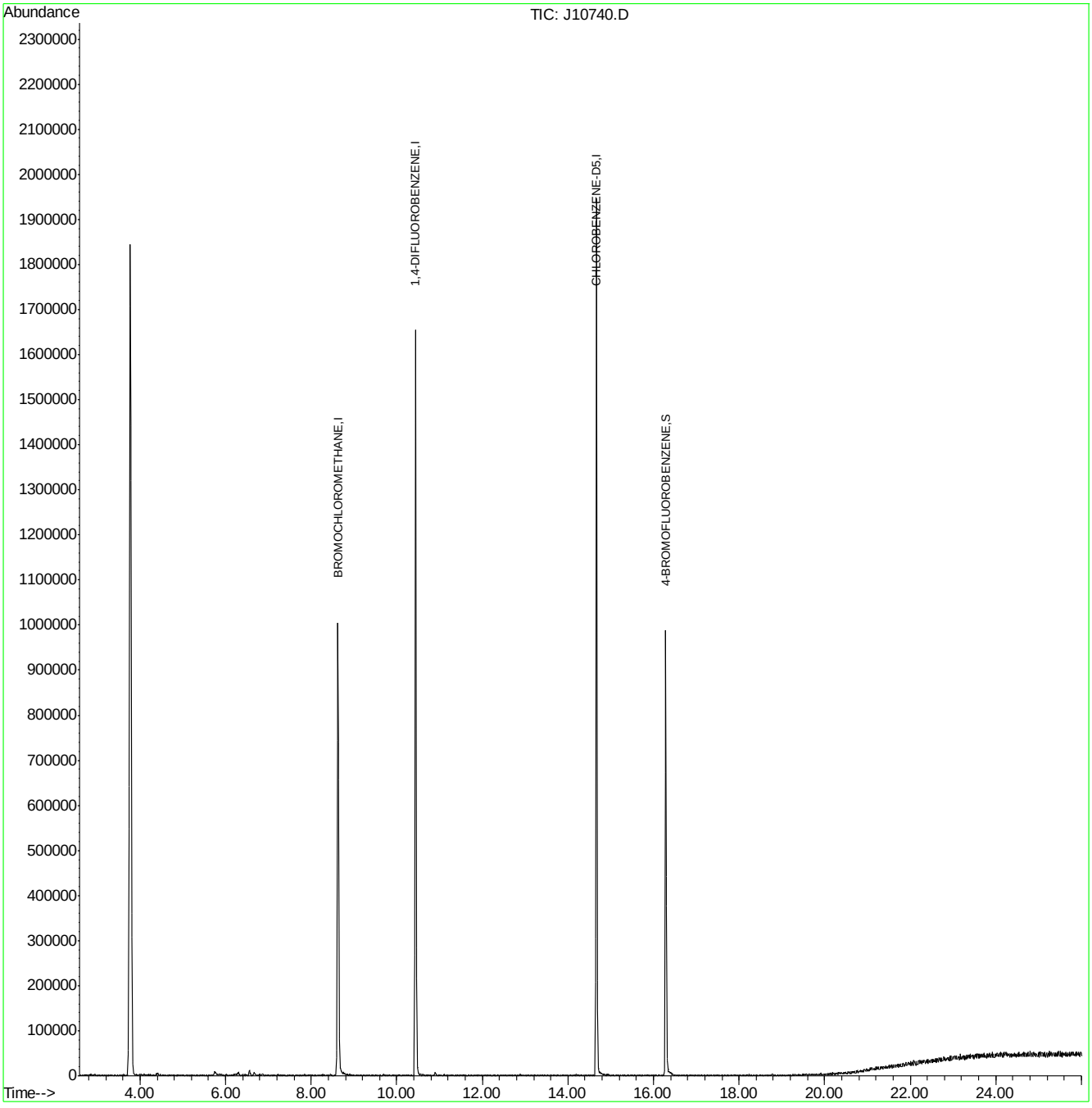
6.2.2

6

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10740.D
Acq On : 22 Jun 2007 7:46 pm
Operator : danat
Sample : mb (m098)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 25 09:31:25 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration



J062207T.M Mon Jun 25 09:33:10 2007

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3806.D
Acq On : 26 Jun 2007 9:04 am
Operator : PhilipB
Sample : MB (M007)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 26 10:01:52 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:41:33 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	141930	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.463	114	651142	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.705	117	537851	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.325	95	199742	4.35	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 87.00%

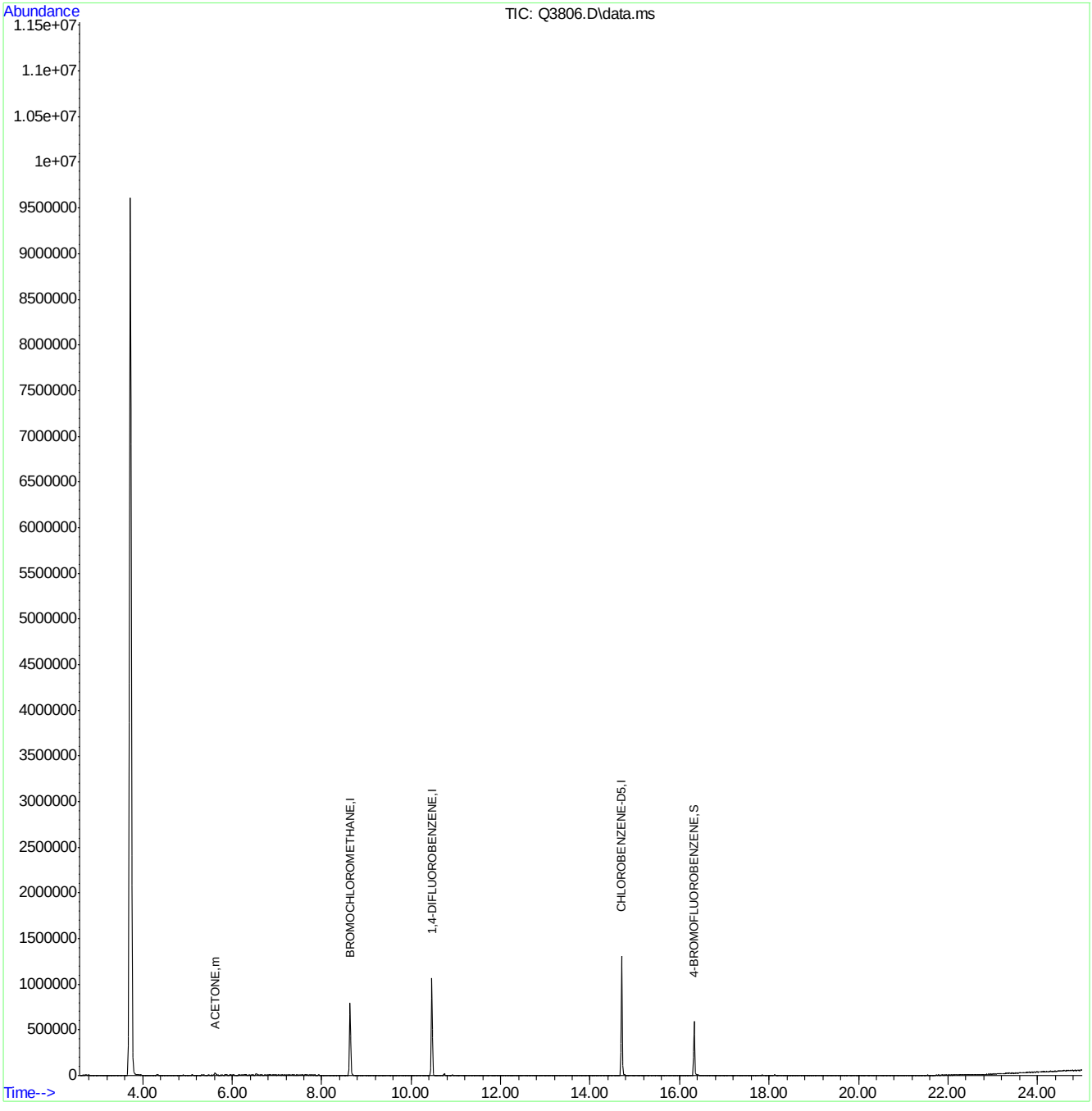
Target Compounds						Qvalue
12) ACETONE	5.613	43	34149	0.90	PPBV	87

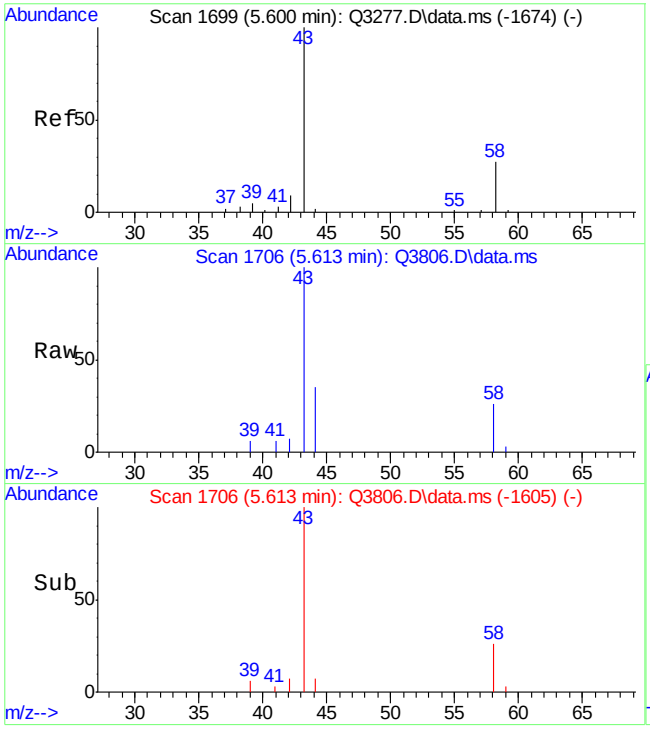
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3806.D
Acq On : 26 Jun 2007 9:04 am
Operator : PhilipB
Sample : MB (M007)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 26 10:01:52 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:41:33 2007
Response via : Initial Calibration

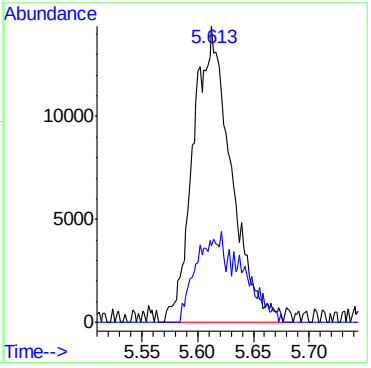




#12
ACETONE
Concen: 0.90 PPBV
RT: 5.613 min Scan# 1706
Delta R.T. 0.024 min
Lab File: Q3806.D
Acq: 26 Jun 2007 9:04 am

Tgt Ion: 43 Resp: 34149

Ion	Ratio	Lower	Upper
43	100		
58	36.1	9.0	49.0



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

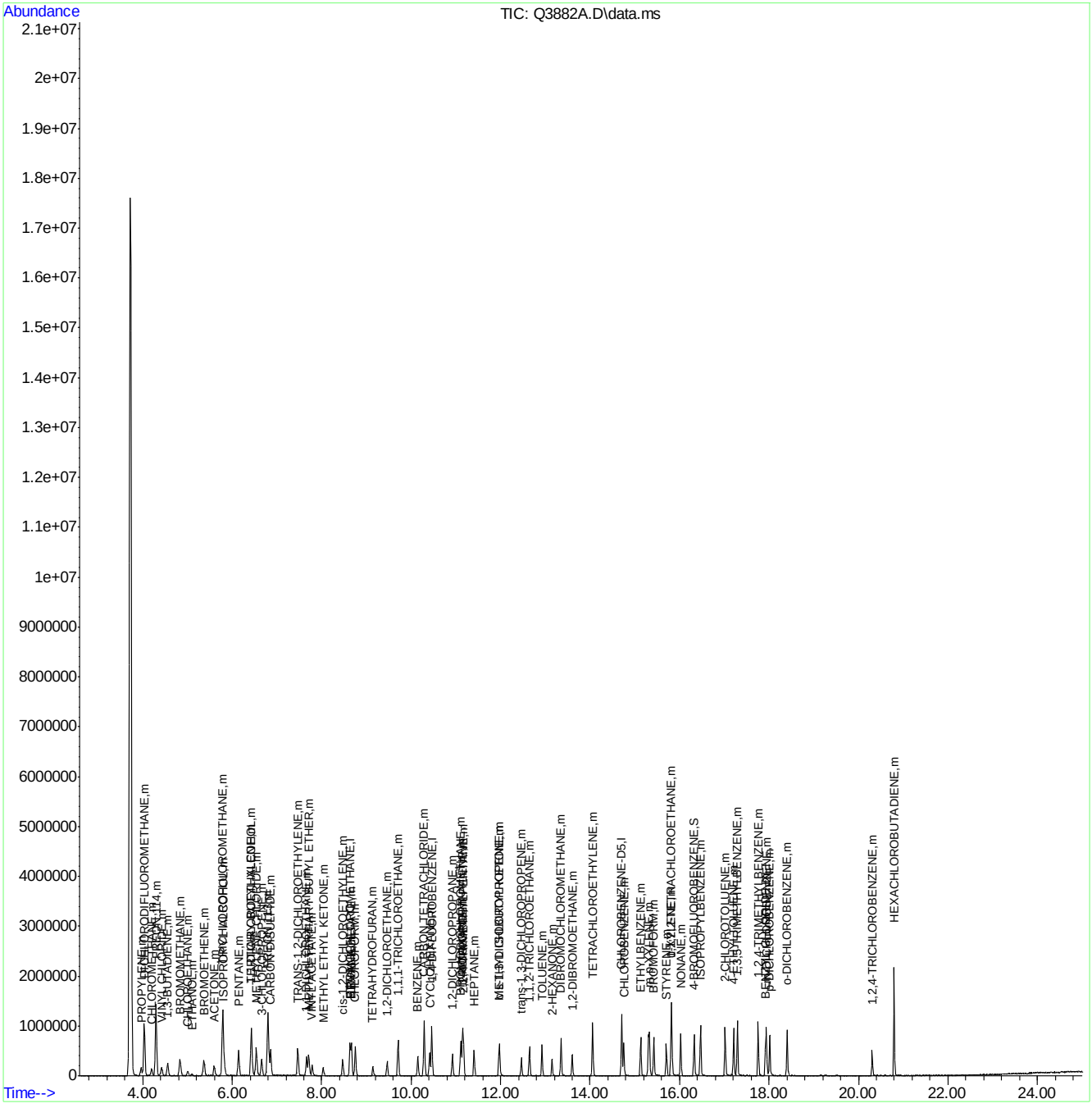
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.981	43	232953	8.80	PPBV		92
45) cis-1,3-DICHLOROPROPENE	11.961	75	186356	8.98	PPBV	#	82
46) TOLUENE	12.925	92	196448	8.91	PPBV		95
47) trans-1,3-DICHLOROPROPENE	12.463	75	155398	8.28	PPBV		97
48) 1,1,2-TRICHLOROETHANE	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

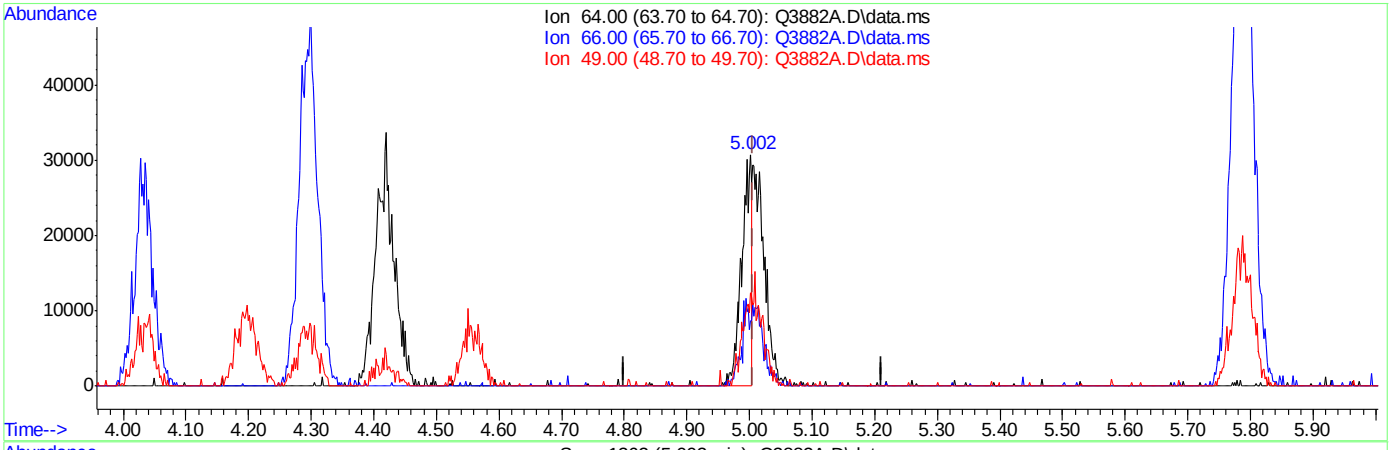
Quant Time: Jul 03 09:30:09 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration

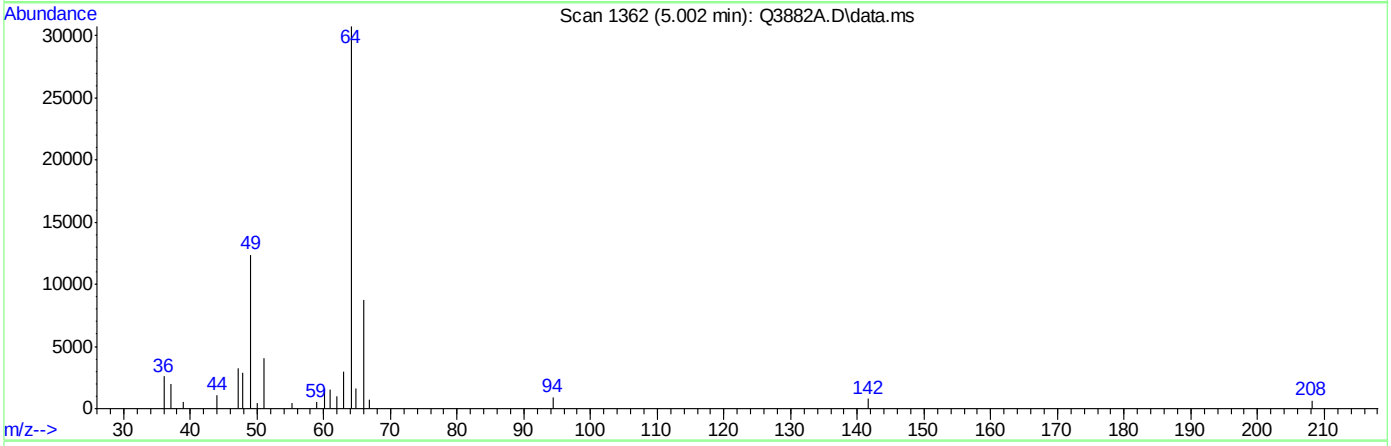


Quantitation Report (Qedit)

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

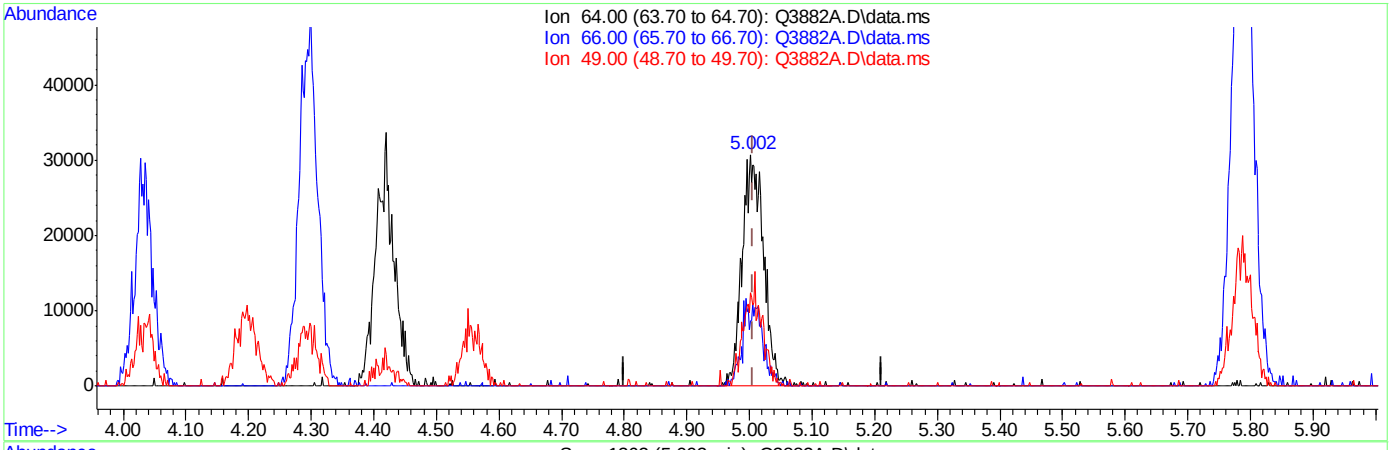
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	38.37
49.00	36.50	83.54#
0.00	0.00	0.00

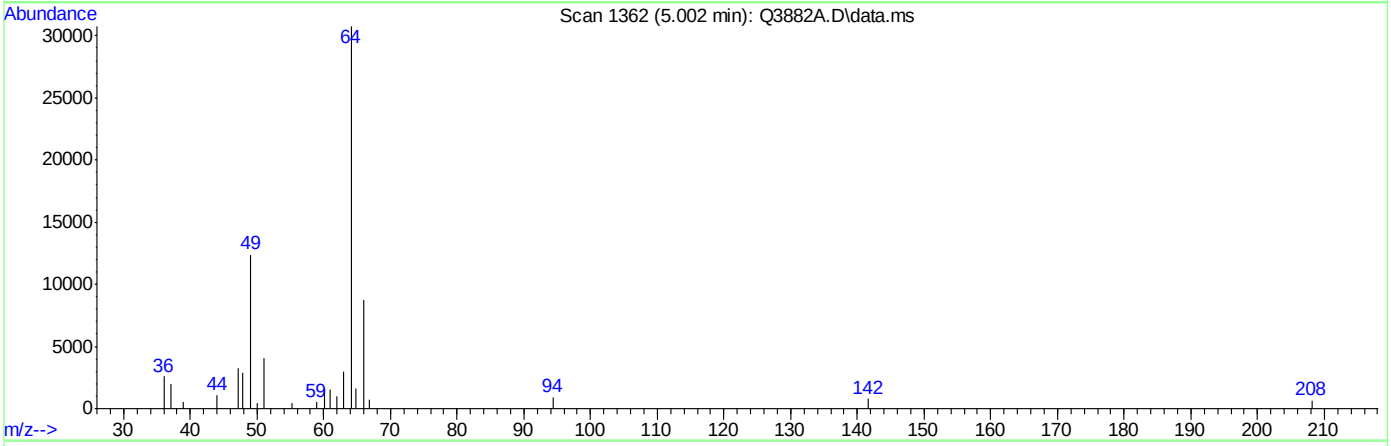
ACCUTEST Laboratories M65960

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

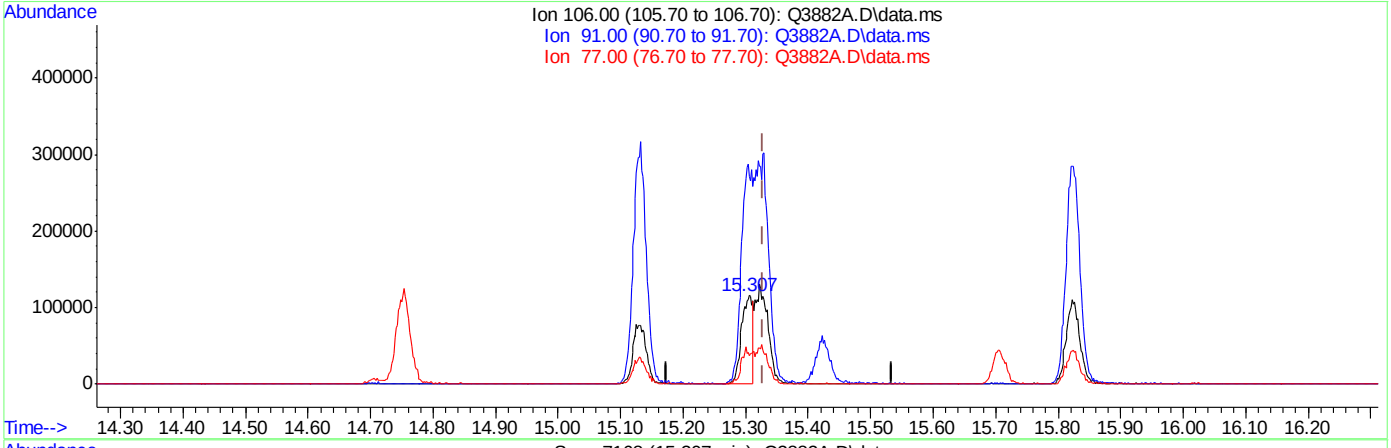
response 73599

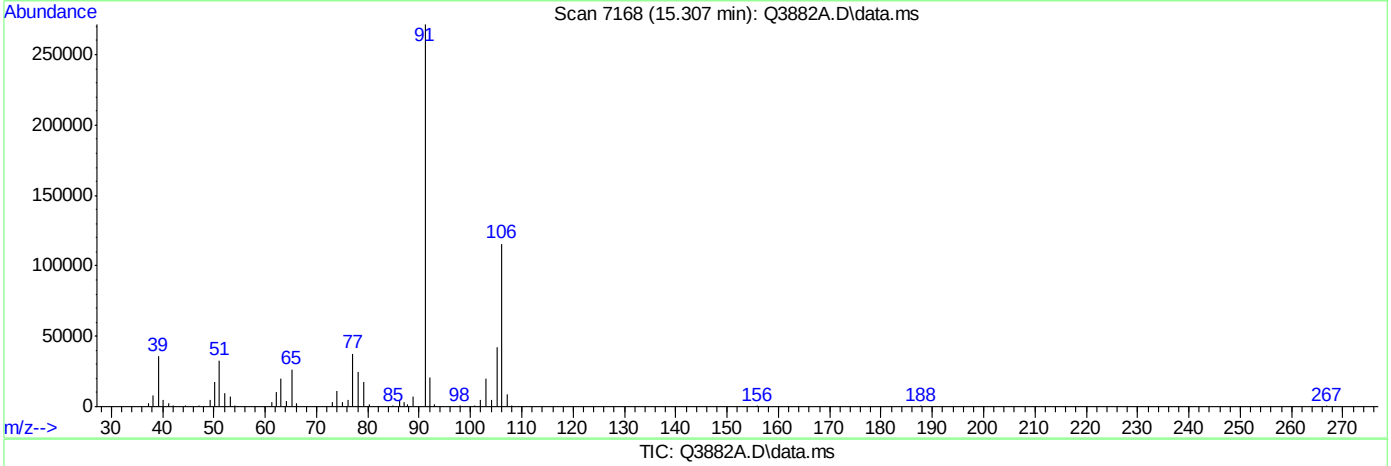
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	17.92
49.00	36.50	39.02
0.00	0.00	0.00

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)

15.307min (-0.022) 7.50PPBV

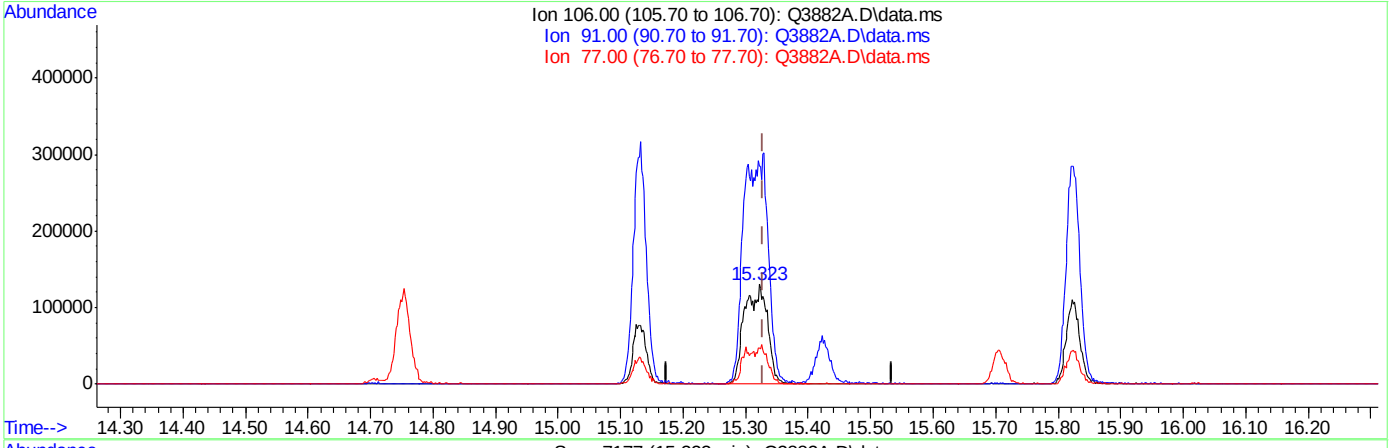
response 145617

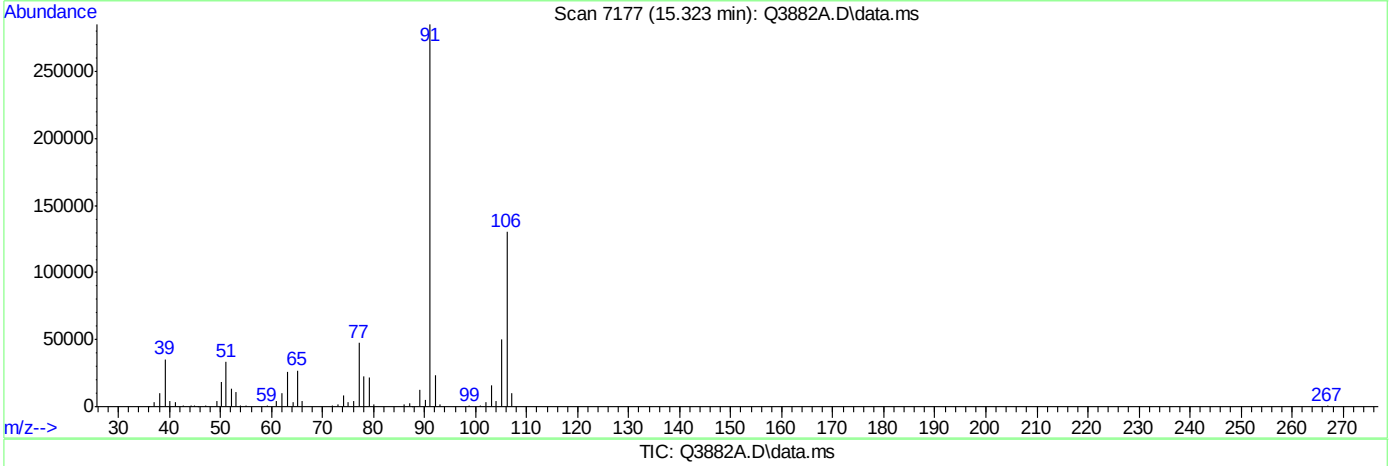
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	234.46
77.00	27.30	32.68
0.00	0.00	0.00

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 : J10737b.D
Acq On : 22 Jun 2007 5:13 pm
Operator : danat
Sample : bs (m045)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 22 17:40:10 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.64	128	320244	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.45	114	1347074	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.68	117	1210672	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.30	95	406390	5.41	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 108.20%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.09	85	1251942	12.25	PPBV	99
3) PROPYLENE	4.02	41	194637	12.93	PPBV	93
4) FREON 114	4.34	85	1093229	12.36	PPBV	96
5) CHLOROMETHANE	4.25	50	262287	12.59	PPBV	99
6) VINYL CHLORIDE	4.47	62	312911	12.83	PPBV	98
7) 1,3-BUTADIENE	4.60	39	236530	12.81	PPBV	94
8) BROMOMETHANE	4.87	94	361701	11.90	PPBV	99
9) CHLOROETHANE	5.04	64	148362	12.61	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.81	101	1330289	12.05	PPBV	100
11) ISOPROPYL ALCOHOL	6.01	45	333715	12.13	PPBV	95
12) ACETONE	5.69	43	335470	12.60	PPBV	96
13) PENTANE	6.16	42	274849	12.08	PPBV	97
14) 1,1-DICHLOROETHYLENE	6.44	96	343576	11.20	PPBV	91
15) CARBON DISULFIDE	6.86	76	966004	11.11	PPBV	97
16) ETHANOL	5.28	45	50201	8.08	PPBV	87
17) BROMOETHENE	5.40	106	364685	11.95	PPBV	98
18) METHYLENE CHLORIDE	6.56	84	299567	11.87	PPBV	94
19) 3-CHLOROPROPENE	6.68	39	293420	11.70	PPBV	93
20) FREON 113	6.80	151	761595	10.61	PPBV	94
21) TRANS-1,2-DICHLOROETHYLENE	7.47	96	333890	10.98	PPBV	94
22) TERTIARY BUTYL ALCOHOL	6.61	59	435912	10.66	PPBV	97
23) METHYL TERTIARY BUTYL ETHE	7.75	73	663201	10.10	PPBV	97
24) TETRAHYDROFURAN	9.20	42	194258	9.52	PPBV	96
25) HEXANE	8.64	57	351657	9.41	PPBV	97
26) VINYL ACETATE	7.82	43	384790	10.03	PPBV	97
27) 1,1-DICHLOROETHANE	7.67	63	546865	10.62	PPBV	99
28) METHYL ETHYL KETONE	8.10	43	373680	9.21	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.47	96	305720	10.08	PPBV	95
30) ETHYL ACETATE	8.72	43	403226	9.37	PPBV	99
31) CHLOROFORM	8.76	83	767126	10.25	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.69	97	933714	10.99	PPBV	99
33) CARBON TETRACHLORIDE	10.27	117	1175776	11.35	PPBV	99
34) 1,2-DICHLOROETHANE	9.47	62	439607	10.10	PPBV	100
36) BENZENE	10.14	78	742618	10.18	PPBV	99
37) CYCLOHEXANE	10.38	84	389244	11.08	PPBV	98
38) TRICHLOROETHYLENE	11.13	95	392127	10.40	PPBV	98
39) 1,2-DICHLOROPROPANE	10.91	63	242018	10.31	PPBV	98
40) BROMODICHLOROMETHANE	11.10	83	681405	10.34	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.13	57	1300525	11.64	PPBV	100
42) 1,4-DIOXANE	11.21	88	114575	7.26	PPBV	92
43) HEPTANE	11.37	43	386979	10.88	PPBV	97

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10737b.D
Acq On : 22 Jun 2007 5:13 pm
Operator : danat
Sample : bs (m045)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 22 17:40:10 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration

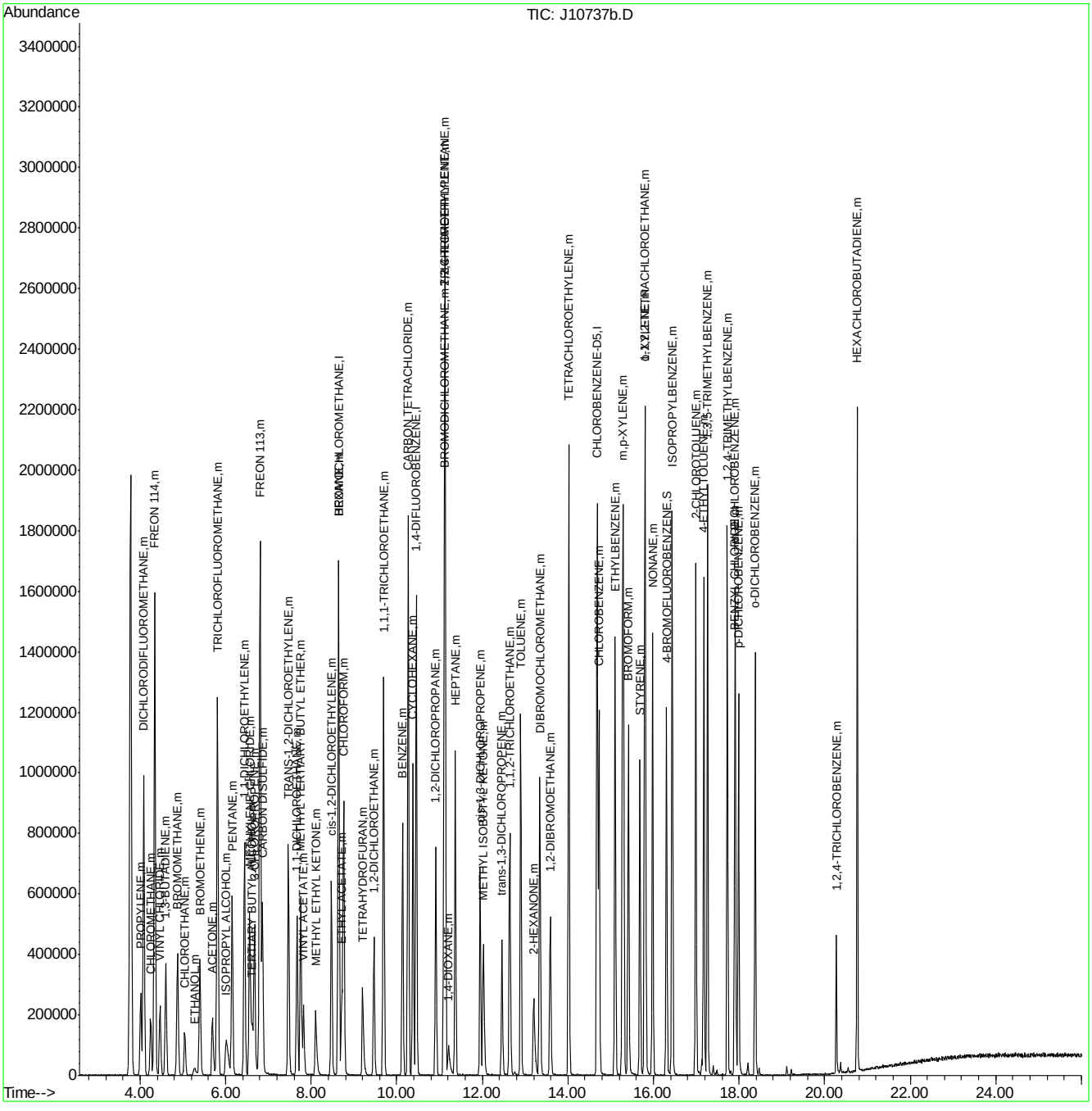
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.02	43	388757	9.16	PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.95	75	377142	10.48	PPBV	98
46) TOLUENE	12.90	92	527518	11.14	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.45	75	290004	8.46	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.64	83	254527	10.34	PPBV	98
50) 2-HEXANONE	13.20	43	272464	7.54	PPBV	97
51) TETRACHLOROETHYLENE	14.02	164	483746	10.05	PPBV	99
52) DIBROMOCHLOROMETHANE	13.34	129	685920	9.96	PPBV	100
53) 1,2-DIBROMOETHANE	13.59	107	455838	9.74	PPBV	100
54) CHLOROBENZENE	14.72	112	726133	10.06	PPBV	97
55) ETHYLBENZENE	15.10	91	1141753	11.91	PPBV	99
56) m,p-XYLENE	15.29	106	934942	24.56	PPBV	94
57) o-XYLENE	15.80	106	471461	9.97	PPBV	98
58) STYRENE	15.68	104	570335	11.84	PPBV	99
59) NONANE	15.98	43	499989	13.67	PPBV	99
60) BROMOFORM	15.41	173	655834	9.74	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.81	83	569812	9.79	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	1382160	11.33	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	931470	12.28	PPBV	99
65) 4-ETHYLTOLUENE	17.18	105	1068948	12.43	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1091265	12.08	PPBV	100
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	946715	13.68	PPBV	99
68) m-DICHLOROBENZENE	17.91	146	596500	10.84	PPBV	100
69) BENZYL CHLORIDE	17.89	91	379757	9.78	PPBV	100
70) p-DICHLOROBENZENE	17.99	146	518003	10.68	PPBV	99
71) o-DICHLOROBENZENE	18.37	146	543920	10.87	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	371513	11.63	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	126764	11.63	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10737b.D
Acq On : 22 Jun 2007 5:13 pm
Operator : danat
Sample : bs (m045)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 22 17:40:10 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration



ACCUTEST Laboratories M65960

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
06/26/07 16:29

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3805A.D
Acq On : 25 Jun 2007 9:01 pm
Operator : PhilipB
Sample : BS (M080)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 26 09:18:11 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:41:33 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.637	128	122718	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.463	114	586931	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.708	117	501328	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.325	95	174139	4.07	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 81.40%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.031	85	574142	7.34	PPBV	97
3) PROPYLENE	3.962	41	153143	7.74	PPBV	95
4) FREON 114	4.296	85	494946	7.30	PPBV	91
5) CHLOROMETHANE	4.202	50	218326	7.99	PPBV	95
6) VINYL CHLORIDE	4.420	62	191925	7.58	PPBV	99
7) 1,3-BUTADIENE	4.555	39	176157	8.45	PPBV	83
8) BROMOMETHANE	4.830	94	154057	7.19	PPBV	99
9) CHLOROETHANE	5.006	64	72822	8.27	PPBV	93
10) TRICHLOROFLUOROMETHANE	5.788	101	563929	7.56	PPBV	100
11) ISOPROPYL ALCOHOL	5.824	45	272105	7.55	PPBV	97
12) ACETONE	5.593	43	231285	7.04	PPBV	91
13) PENTANE	6.143	42	185365m	8.12	PPBV	
14) 1,1-DICHLOROETHYLENE	6.427	96	169932	8.51	PPBV #	80
15) CARBON DISULFIDE	6.859	76	494699	8.89	PPBV	91
16) ETHANOL	5.098	45	50501	7.51	PPBV	97
17) BROMOETHENE	5.370	106	145464	7.20	PPBV #	97
18) METHYLENE CHLORIDE	6.537	84	137330	7.66	PPBV	63
19) 3-CHLOROPROPENE	6.660	39	179962	9.98	PPBV	87
20) FREON 113	6.800	151	246395	7.53	PPBV #	84
21) TRANS-1,2-DICHLOROETHY...	7.473	96	153838	8.73	PPBV #	84
22) TERTIARY BUTYL ALCOHOL	6.431	59	443986	9.98	PPBV	92
23) METHYL TERTIARY BUTYL ...	7.712	73	333462	8.70	PPBV	89
24) TETRAHYDROFURAN	9.143	42	232231	10.89	PPBV	90
25) HEXANE	8.669	57	332671	8.68	PPBV	93
26) VINYL ACETATE	7.787	43	363569	10.40	PPBV	96
27) 1,1-DICHLOROETHANE	7.668	63	339517	9.49	PPBV	98
28) METHYL ETHYL KETONE	8.034	43	431632	10.02	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.470	96	138922	9.44	PPBV	94
30) ETHYL ACETATE	8.667	43	731750	9.88	PPBV	99
31) CHLOROFORM	8.752	83	340973	8.08	PPBV	95
32) 1,1,1-TRICHLOROETHANE	9.709	97	318281	7.17	PPBV	93
33) CARBON TETRACHLORIDE	10.291	117	384637	7.31	PPBV	98
34) 1,2-DICHLOROETHANE	9.464	62	242971	7.81	PPBV	100
36) BENZENE	10.151	78	372099	9.32	PPBV	97
37) CYCLOHEXANE	10.417	84	181773	8.85	PPBV #	86
38) TRICHLOROETHYLENE	11.148	95	198718	8.82	PPBV	93
39) 1,2-DICHLOROPROPANE	10.923	63	181636	10.27	PPBV	94
40) BROMODICHLOROMETHANE	11.107	83	315876	8.10	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.171	57	1066120	10.48	PPBV #	95
42) 1,4-DIOXANE	11.134	88	74065	9.90	PPBV	80
43) HEPTANE	11.409	43	449006	10.76	PPBV	82

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3805A.D
Acq On : 25 Jun 2007 9:01 pm
Operator : PhilipB
Sample : BS (M080)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 26 09:18:11 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:41:33 2007
Response via : Initial Calibration

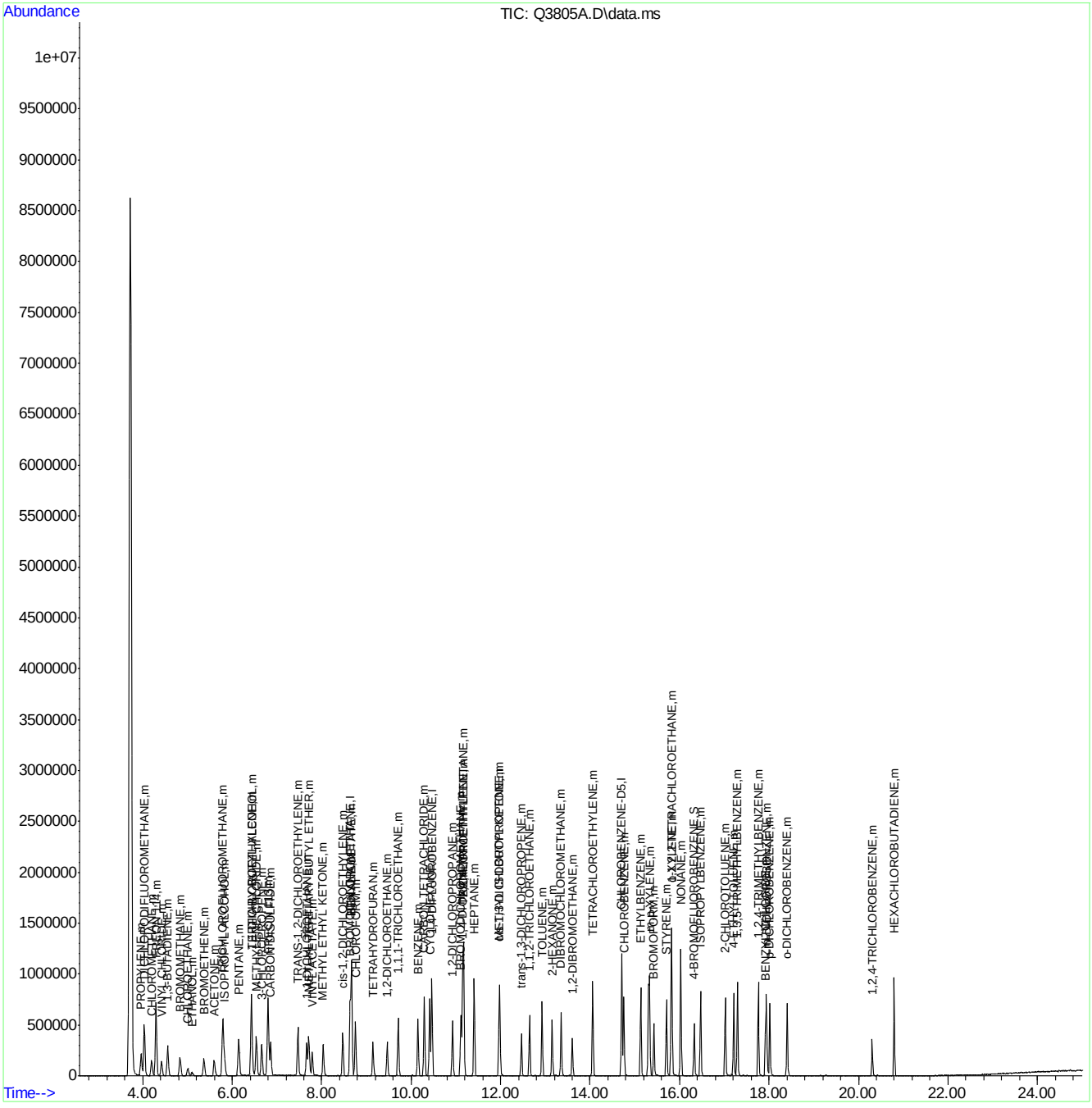
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.979	43	524962	11.29 PPBV	88
45) cis-1,3-DICHLOROPROPENE	11.965	75	218914	10.05 PPBV #	82
46) TOLUENE	12.927	92	242091	9.00 PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.463	75	172780	8.28 PPBV	85
48) 1,1,2-TRICHLOROETHANE	12.646	83	140384	9.64 PPBV	94
50) 2-HEXANONE	13.148	43	423997	11.37 PPBV	88
51) TETRACHLOROETHYLENE	14.059	164	136068	7.80 PPBV	89
52) DIBROMOCHLOROMETHANE	13.354	129	265511	8.25 PPBV	98
53) 1,2-DIBROMOETHANE	13.603	107	229970	9.30 PPBV	100
54) CHLOROBENZENE	14.755	112	318422	9.49 PPBV	94
55) ETHYLBENZENE	15.133	91	545335	9.41 PPBV	98
56) m,p-XYLENE	15.328	106	424291m	19.82 PPBV	
57) o-XYLENE	15.825	106	209919	9.97 PPBV	95
58) STYRENE	15.706	104	293845	8.40 PPBV	98
59) NONANE	16.025	43	545611	10.93 PPBV	88
60) BROMOFORM	15.424	173	197285	7.26 PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.814	83	380904	10.85 PPBV	99
63) ISOPROPYLBENZENE	16.469	105	481786	7.65 PPBV #	100
64) 2-CHLOROTOLUENE	17.019	91	382126	7.97 PPBV	95
65) 4-ETHYLTOLUENE	17.211	105	427404	7.77 PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.296	105	451859	8.37 PPBV	95
67) 1,2,4-TRIMETHYLBENZENE	17.759	105	439798	8.82 PPBV	97
68) m-DICHLOROBENZENE	17.944	146	242910	7.47 PPBV	97
69) BENZYL CHLORIDE	17.917	91	273082	7.78 PPBV	97
70) p-DICHLOROBENZENE	18.017	146	238957	7.78 PPBV	98
71) o-DICHLOROBENZENE	18.405	146	229586	7.48 PPBV	97
72) HEXACHLOROBUTADIENE	20.798	225	102880	9.12 PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.304	180	72060	10.29 PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3805A.D
Acq On : 25 Jun 2007 9:01 pm
Operator : PhilipB
Sample : BS (M080)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 26 09:18:11 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:41:33 2007
Response via : Initial Calibration

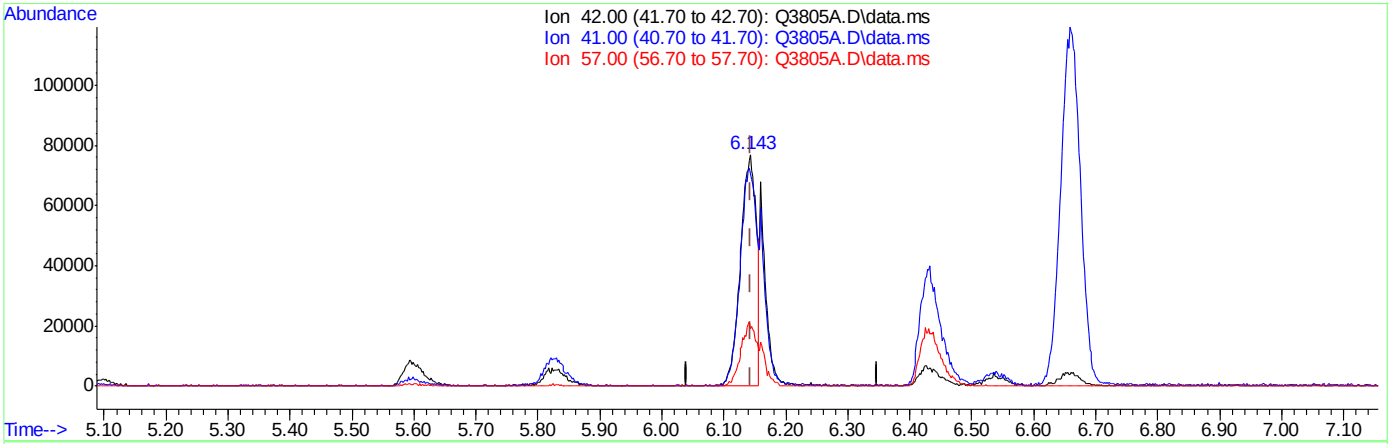


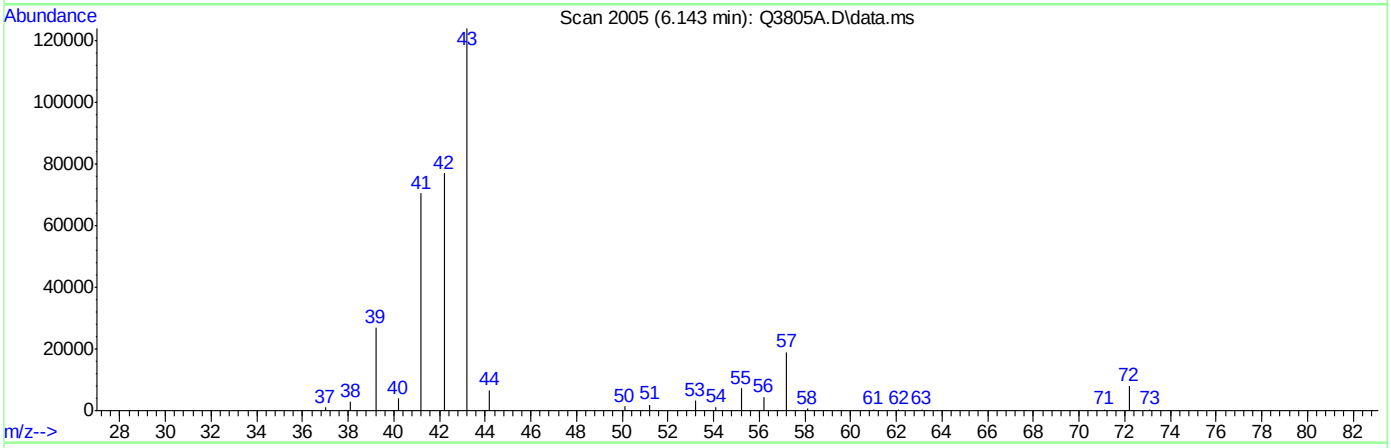
ACCUTEST Laboratories M65960

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3805A.D
Acq On : 25 Jun 2007 9:01 pm
Operator : PhilipB
Sample : BS (M080)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 26 09:17:56 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:41:33 2007
Response via : Initial Calibration





TIC: Q3805A.D\data.ms

(13) PENTANE (m)

6.143min (+0.000) 6.00PPBV

response 137035

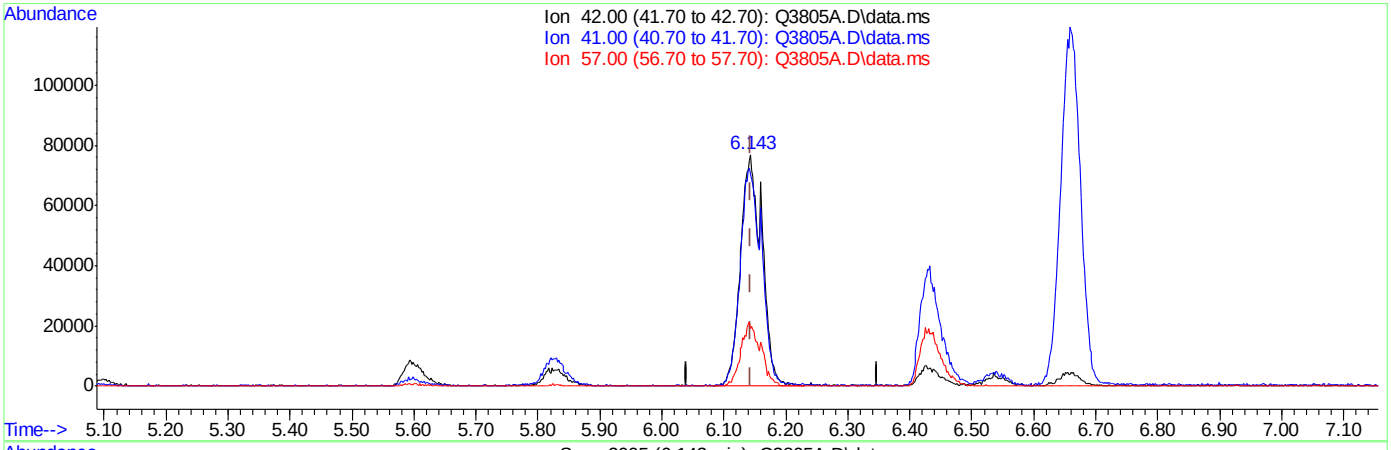
Ion	Exp%	Act%
42.00	100	100
41.00	94.80	127.74#
57.00	28.90	34.36
0.00	0.00	0.00

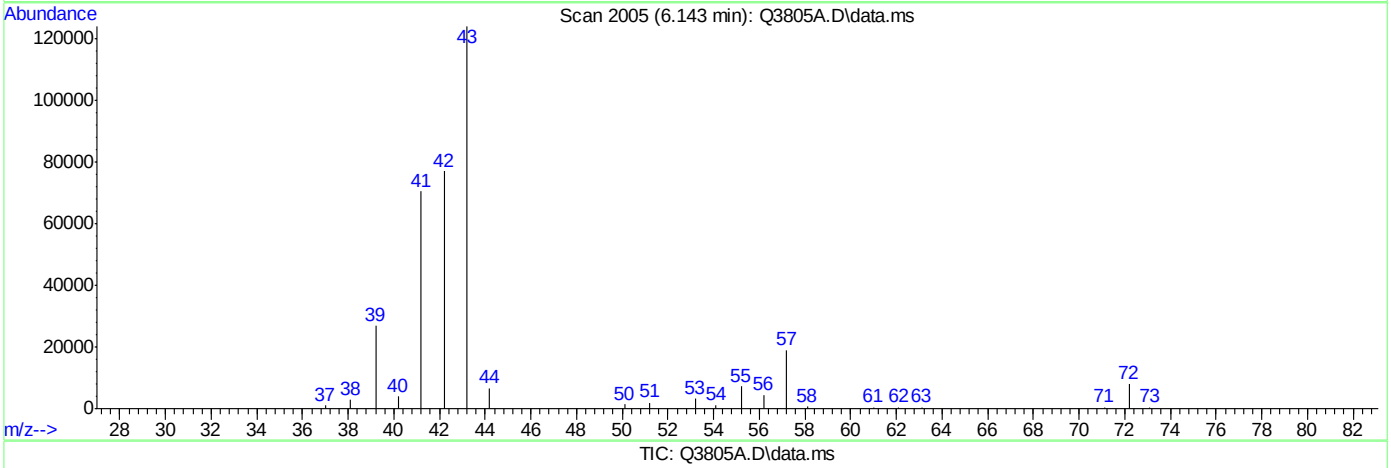
ACCUTEST Laboratories M65960

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3805A.D
Acq On    : 25 Jun 2007   9:01 pm
Operator  : PhilipB
Sample    : BS (M080)
Misc      : MS13781, MSQ204,,,,,1
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Jun 26 09:17:56 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:41:33 2007
Response via : Initial Calibration
```



TIC: Q3805A.D\data.ms

(13) PENTANE (m)

6.143min (+0.000) 8.12PPBV m

response 185365

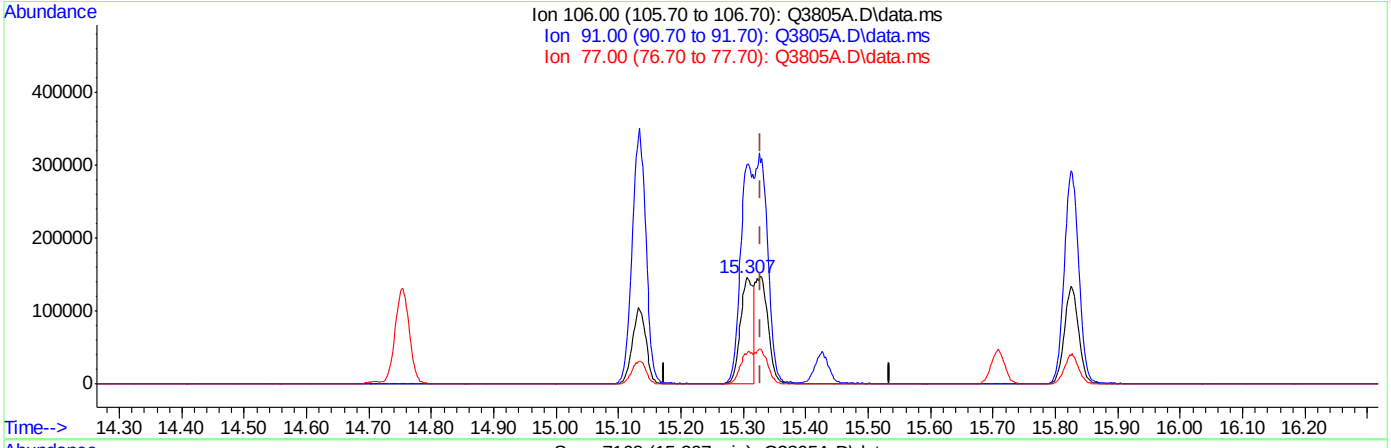
Ion	Exp%	Act%
42.00	100	100
41.00	94.80	94.44
57.00	28.90	25.40
0.00	0.00	0.00

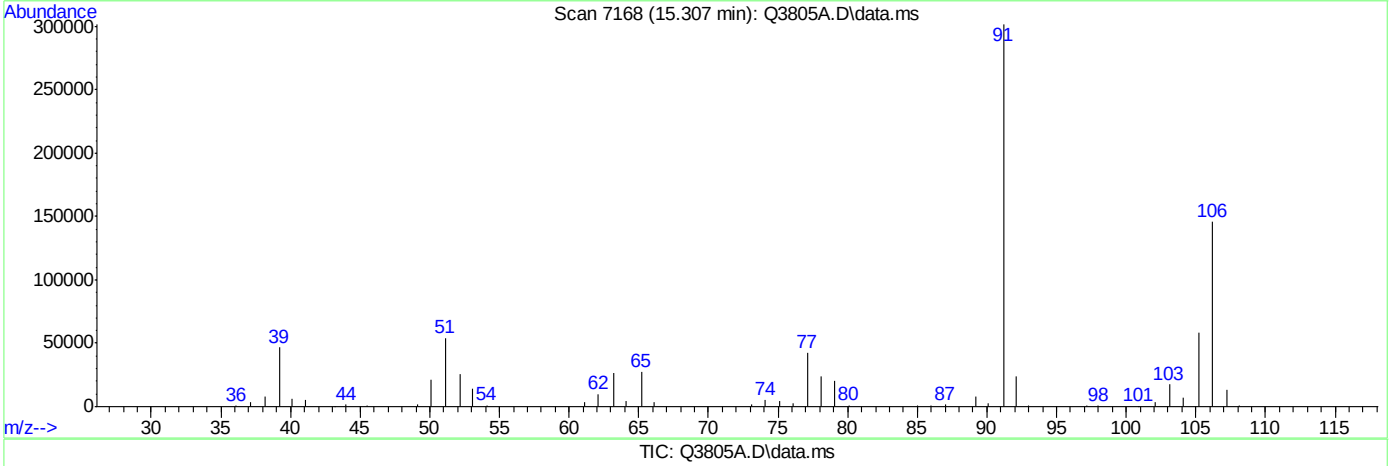
ACCUTEST Laboratories M65960

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3805A.D
Acq On    : 25 Jun 2007   9:01 pm
Operator  : PhilipB
Sample    : BS (M080)
Misc      : MS13781, MSQ204,,,,,1
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Jun 26 09:17:56 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:41:33 2007
Response via : Initial Calibration
```



TIC: Q3805A.D\data.ms

(56) m,p-XYLENE (m)

15.307min (-0.022) 10.03PPBV

response 214724

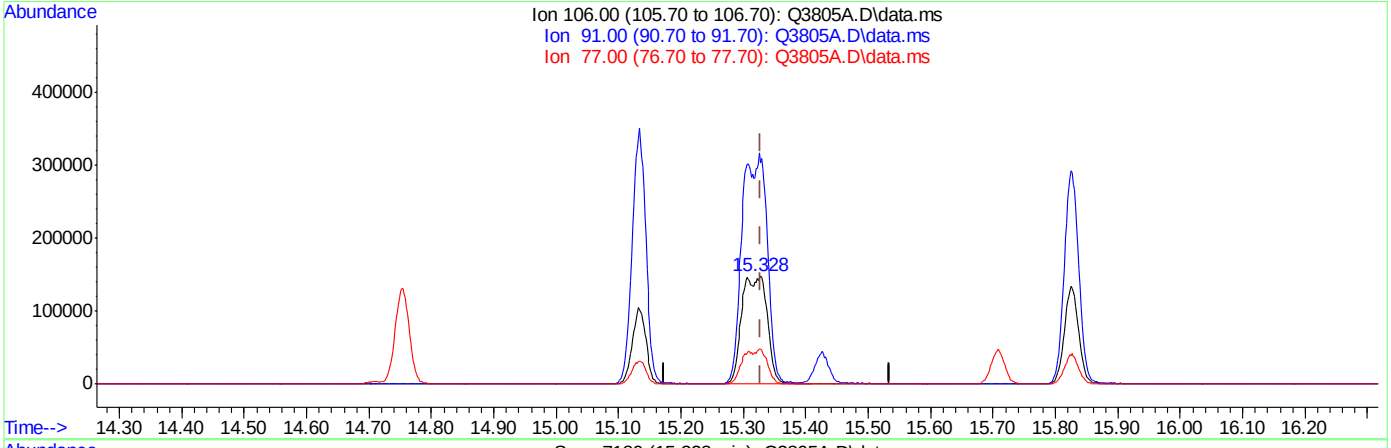
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	206.76
77.00	27.30	29.10
0.00	0.00	0.00

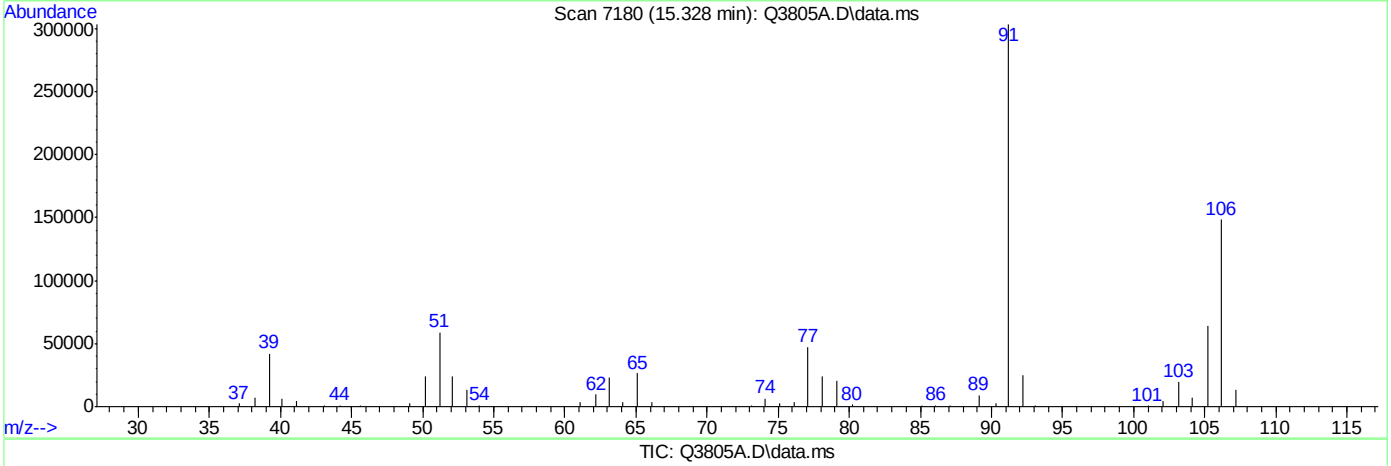
ACCUTEST Laboratories M65960

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3805A.D
Acq On : 25 Jun 2007 9:01 pm
Operator : PhilipB
Sample : BS (M080)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 26 09:17:56 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:41:33 2007
Response via : Initial Calibration





TIC: Q3805A.D\data.ms

(56) m,p-XYLENE (m)

15.328min (-0.001) 19.82PPBV m

response 424291

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	204.62
77.00	27.30	32.06
0.00	0.00	0.00

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%

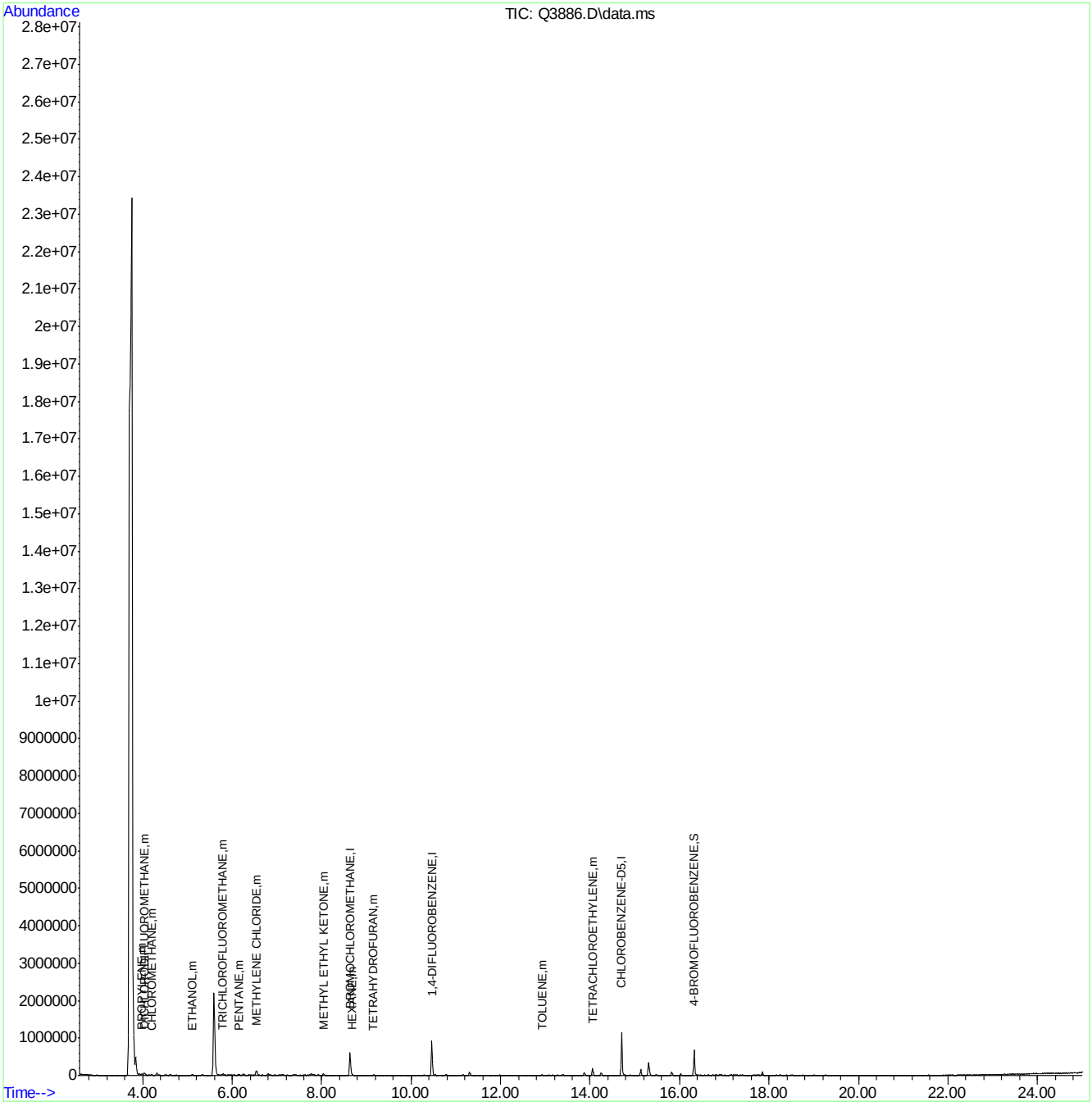
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.030	85	49755	0.52	PPBV	98
3) PROPYLENE	3.992	41	7381m	0.81	PPBV	
5) CHLOROMETHANE	4.200	50	11095m	0.93	PPBV	
10) TRICHLOROFLUOROMETHANE	5.790	101	30897	0.29	PPBV	96
12) ACETONE	5.591	43	3460459	Below Cal		88
13) PENTANE	6.145	42	8539	0.43	PPBV #	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

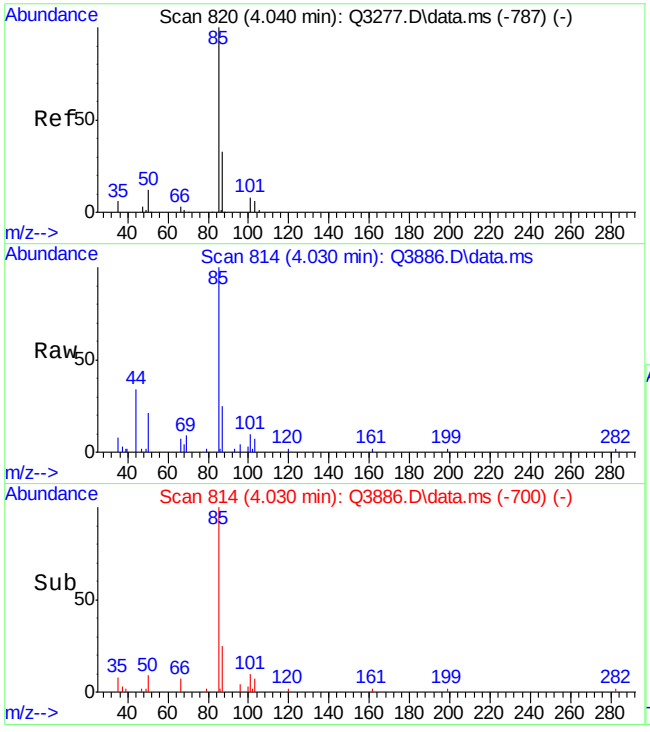
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

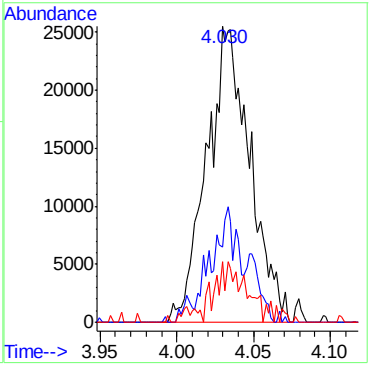


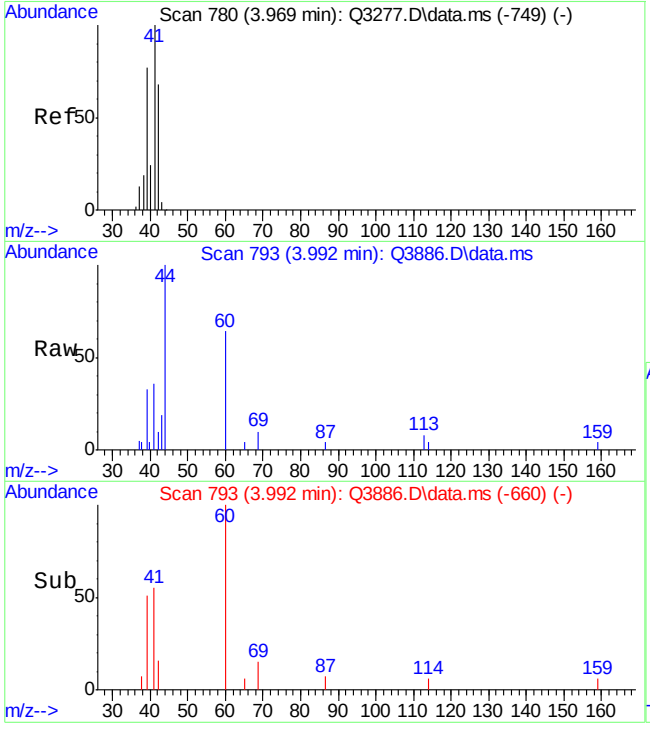


#2
DICHLORODIFLUOROMETHANE
Concen: 0.52 PPBV
RT: 4.030 min Scan# 814
Delta R.T. -0.004 min
Lab File: Q3886.D
Acq: 3 Jul 2007 10:55 am

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

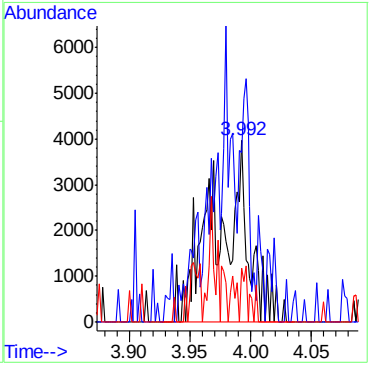


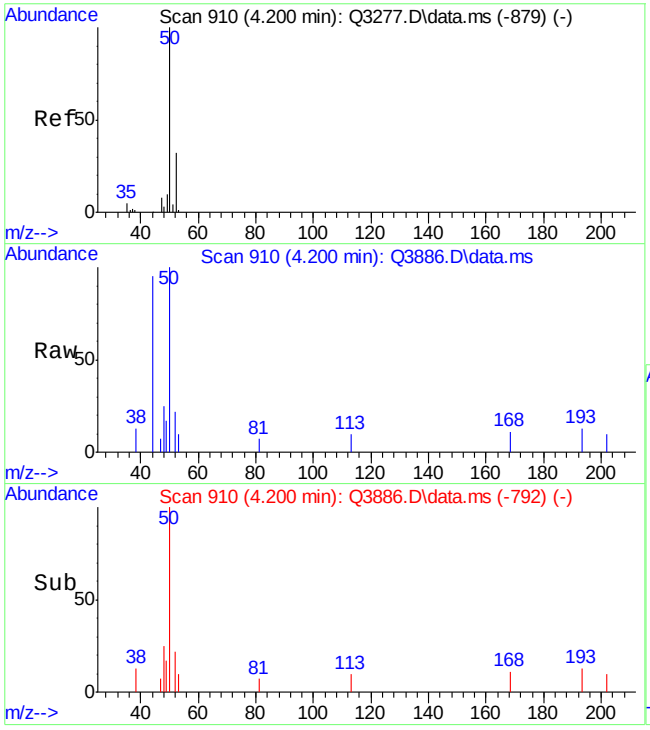


#3
PROPYLENE
Concen: 0.81 PPBV m
RT: 3.992 min Scan# 793
Delta R.T. 0.029 min
Lab File: Q3886.D
Acq: 3 Jul 2007 10:55 am

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#

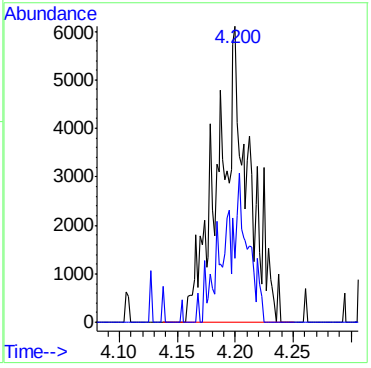


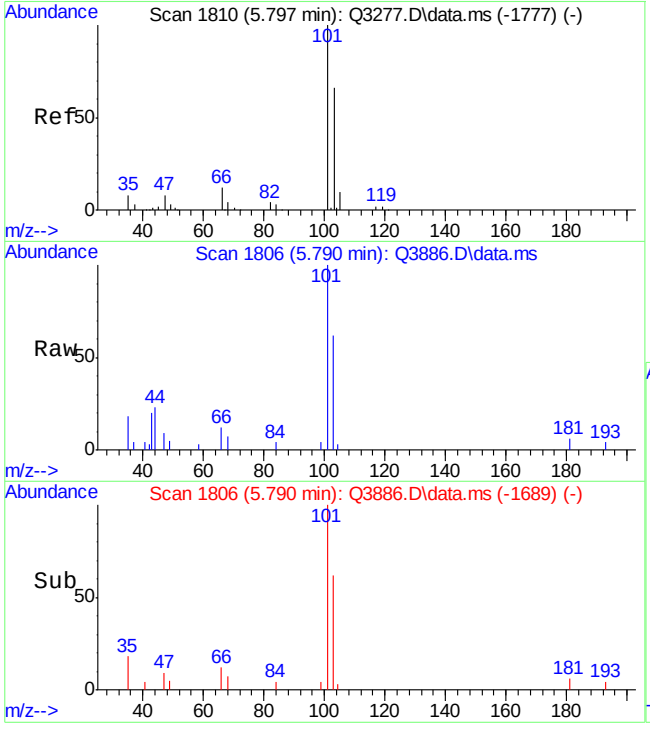


#5
CHLOROMETHANE
Concen: 0.93 PPBV m
RT: 4.200 min Scan# 910
Delta R.T. 0.004 min
Lab File: Q3886.D
Acq: 3 Jul 2007 10:55 am

Tgt Ion: 50 Resp: 11095

Ion	Ratio	Lower	Upper
50	100		
52	21.6	12.2	52.2

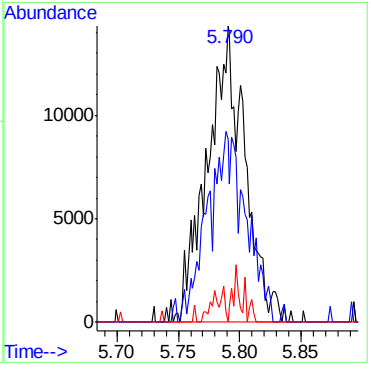


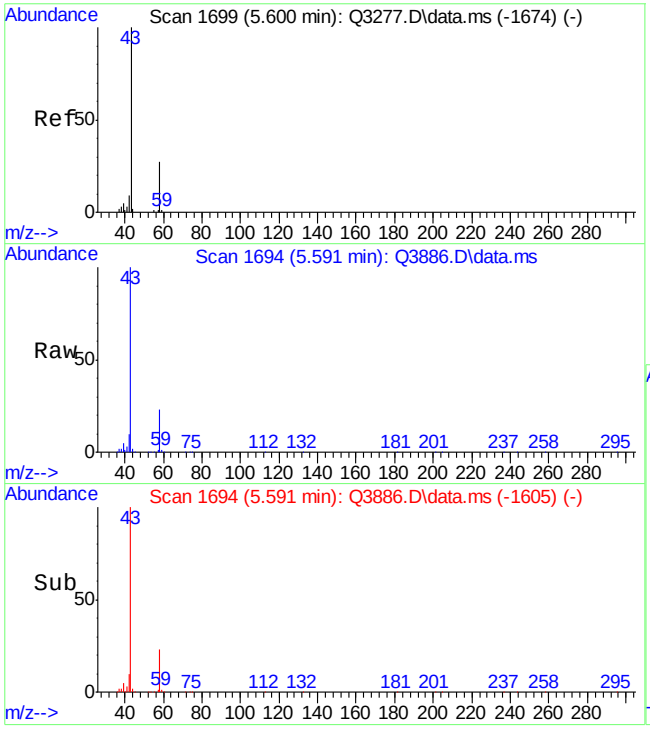


#10
TRICHLOROFLUOROMETHANE
Concen: 0.29 PPBV
RT: 5.790 min Scan# 1806
Delta R.T. 0.002 min
Lab File: Q3886.D
Acq: 3 Jul 2007 10:55 am

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

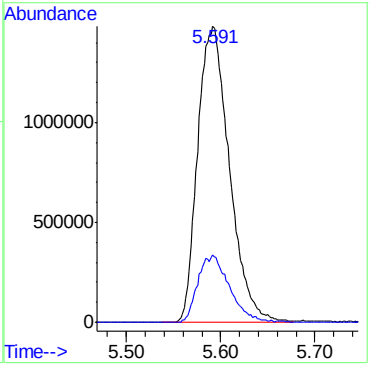


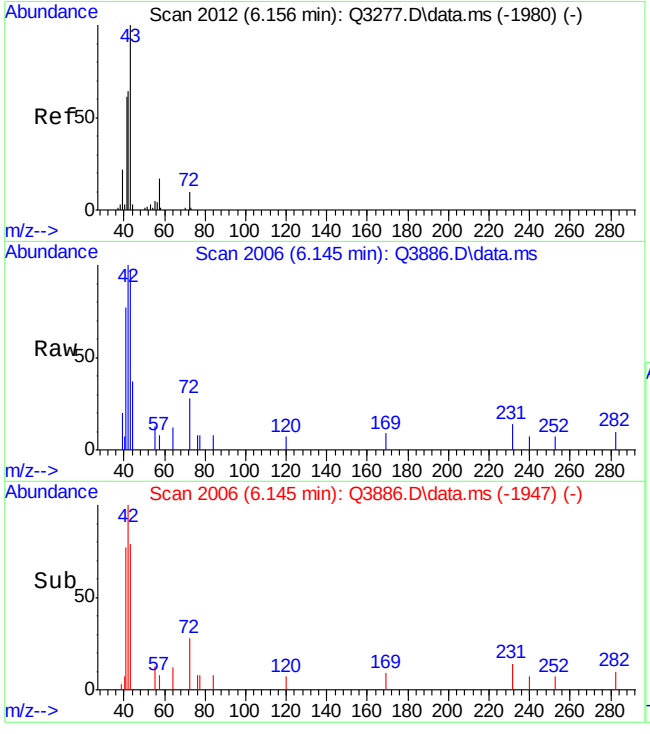


#12
ACETONE
Concen: Below Cal
RT: 5.591 min Scan# 1694
Delta R.T. 0.002 min
Lab File: Q3886.D
Acq: 3 Jul 2007 10:55 am

Tgt Ion: 43 Resp: 3460459

Ion	Ratio	Lower	Upper
43	100		
58	22.7	9.0	49.0

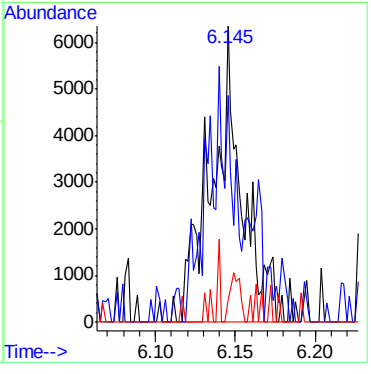


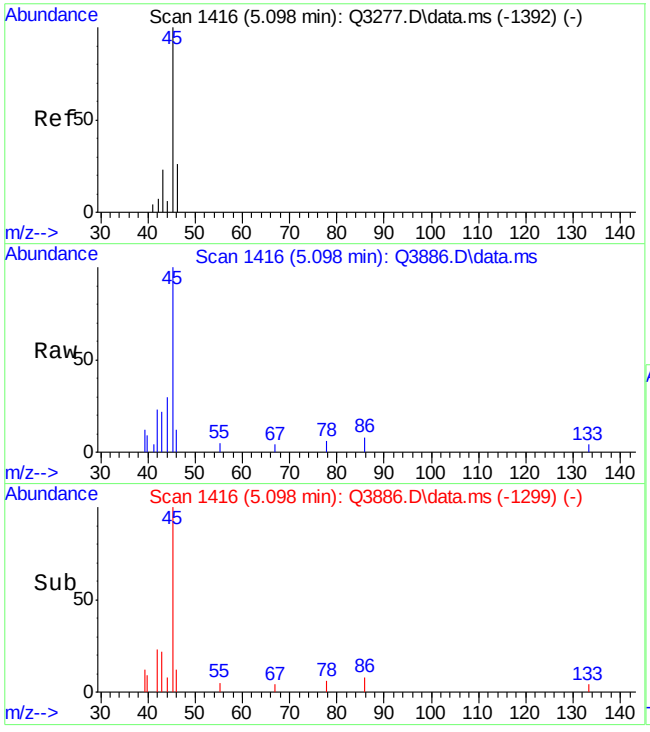


#13
PENTANE
Concen: 0.43 PPBV
RT: 6.145 min Scan# 2006
Delta R.T. 0.002 min
Lab File: Q3886.D
Acq: 3 Jul 2007 10:55 am

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#

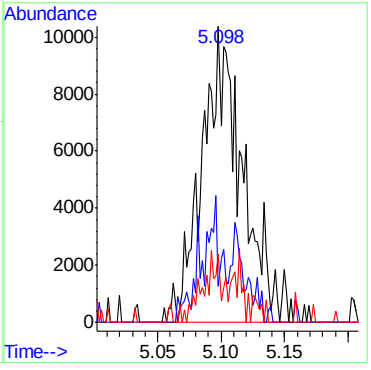


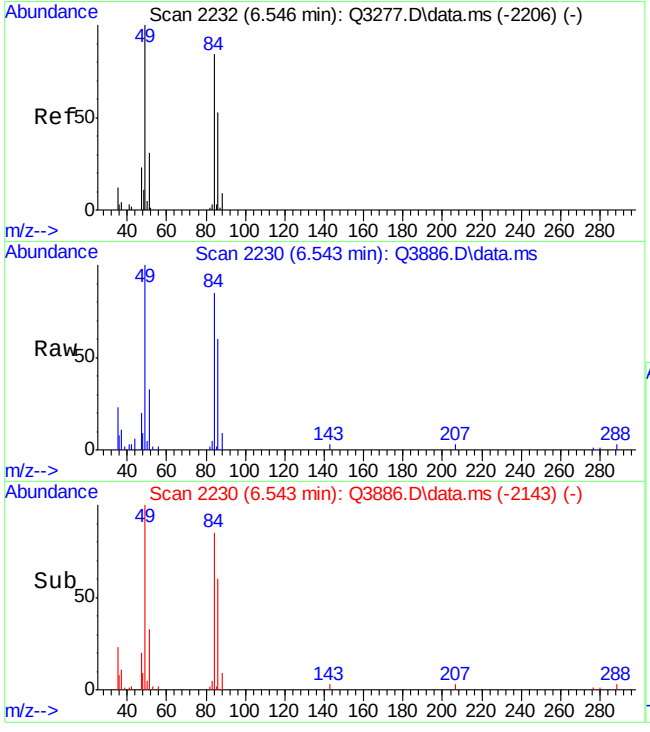


#16
ETHANOL
Concen: 4.49 PPBV
RT: 5.098 min Scan# 1416
Delta R.T. 0.002 min
Lab File: Q3886.D
Acq: 3 Jul 2007 10:55 am

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

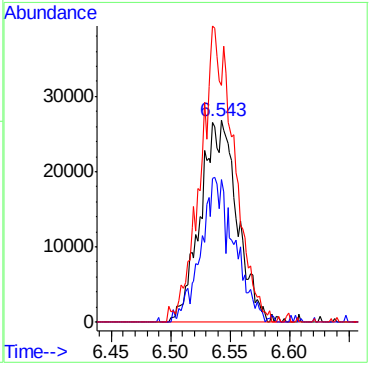


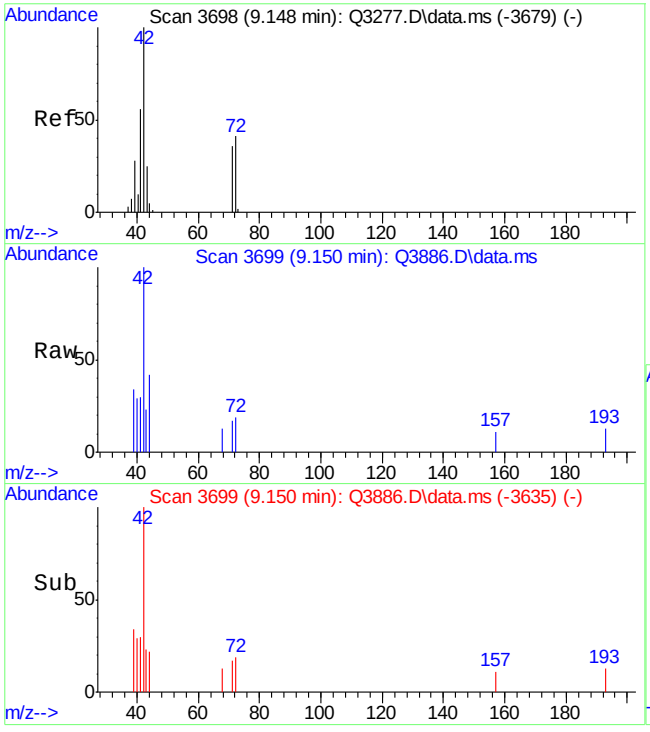


#18
METHYLENE CHLORIDE
Concen: 3.34 PPBV
RT: 6.543 min Scan# 2230
Delta R.T. 0.004 min
Lab File: Q3886.D
Acq: 3 Jul 2007 10:55 am

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

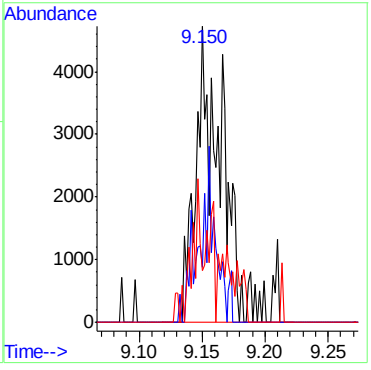


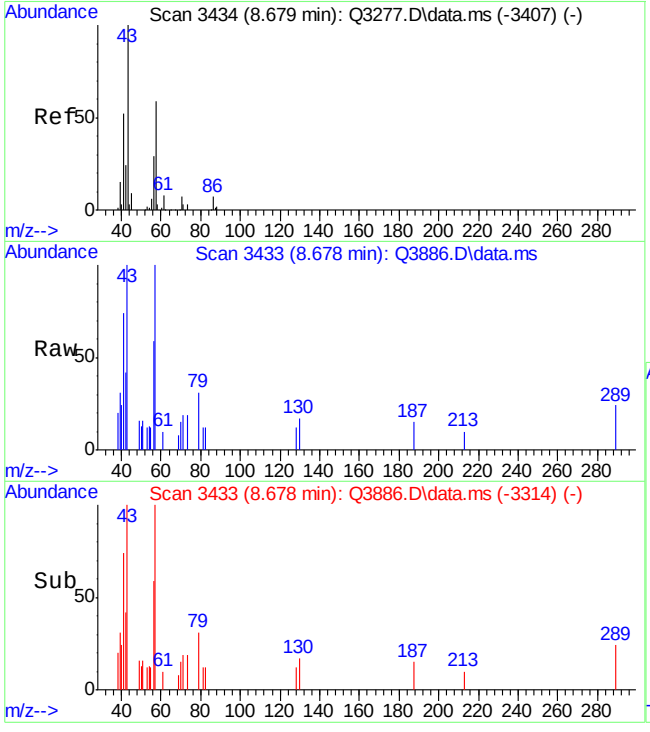


#24
TETRAHYDROFURAN
Concen: 0.86 PPBV m
RT: 9.150 min Scan# 3699
Delta R.T. 0.011 min
Lab File: Q3886.D
Acq: 3 Jul 2007 10:55 am

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

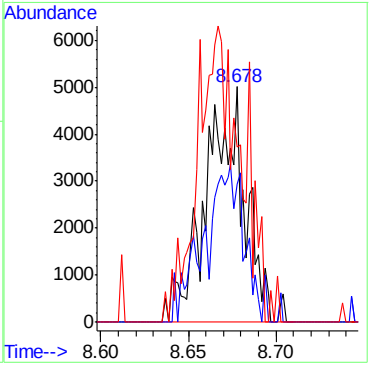


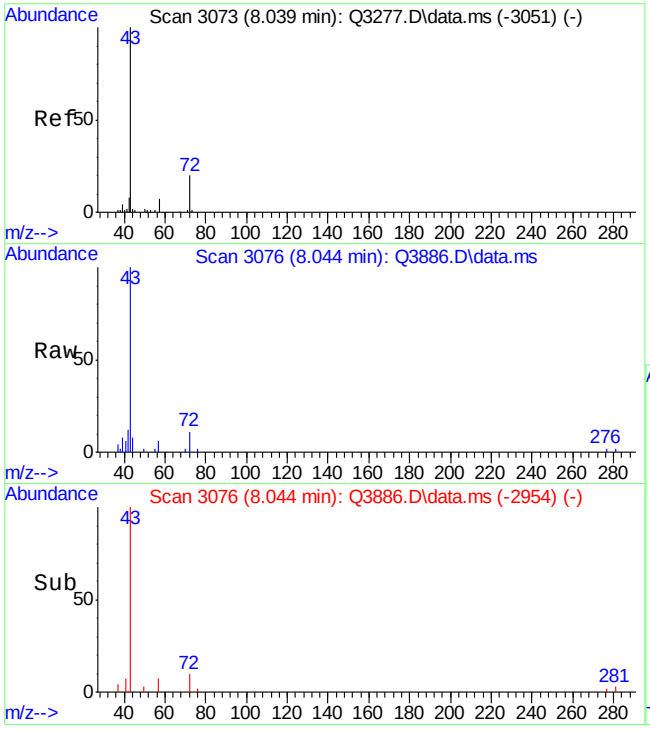


#25
HEXANE
Concen: 0.51 PPBV
RT: 8.678 min Scan# 3433
Delta R.T. 0.006 min
Lab File: Q3886.D
Acq: 3 Jul 2007 10:55 am

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

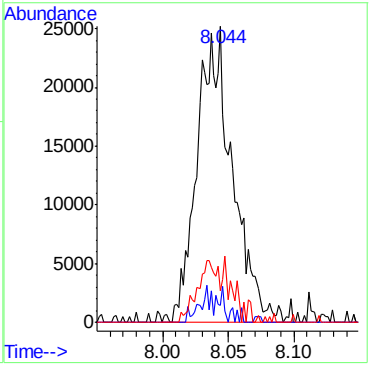


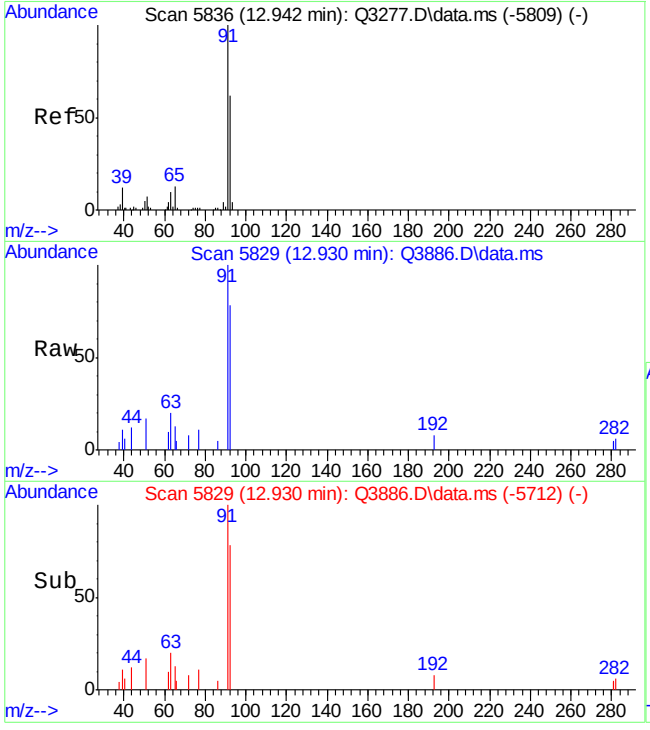


#28
METHYL ETHYL KETONE
Concen: 2.14 PPBV
RT: 8.044 min Scan# 3076
Delta R.T. 0.011 min
Lab File: Q3886.D
Acq: 3 Jul 2007 10:55 am

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

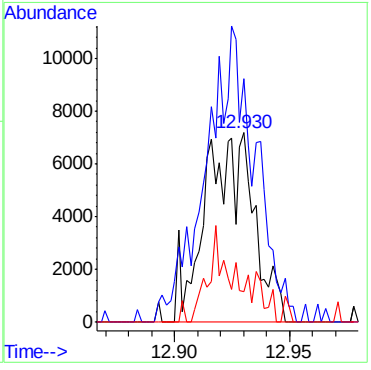




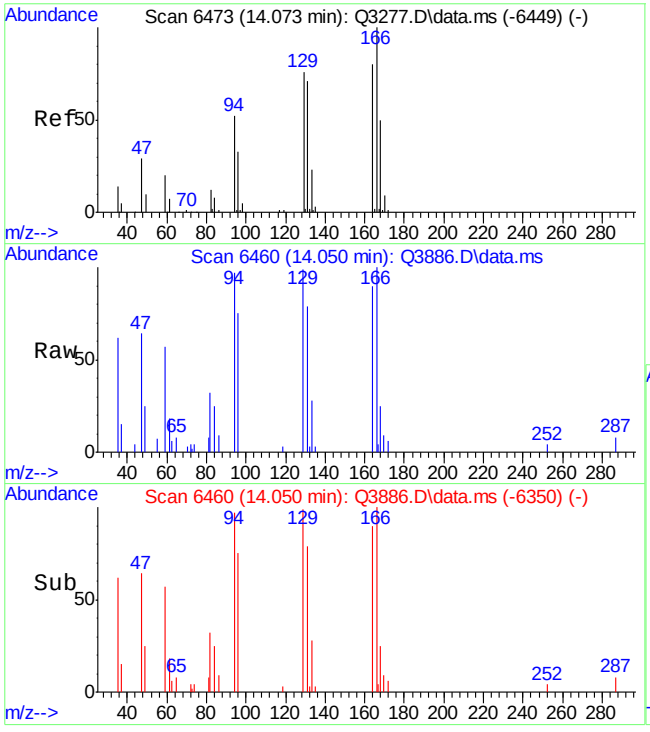
#46
TOLUENE
Concen: 0.53 PPBV
RT: 12.930 min Scan# 5829
Delta R.T. 0.002 min
Lab File: Q3886.D
Acq: 3 Jul 2007 10:55 am

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



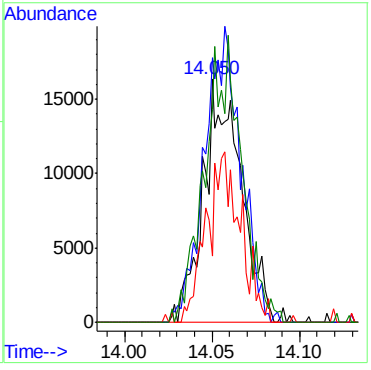
ACCUTEST Laboratories M65960



#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

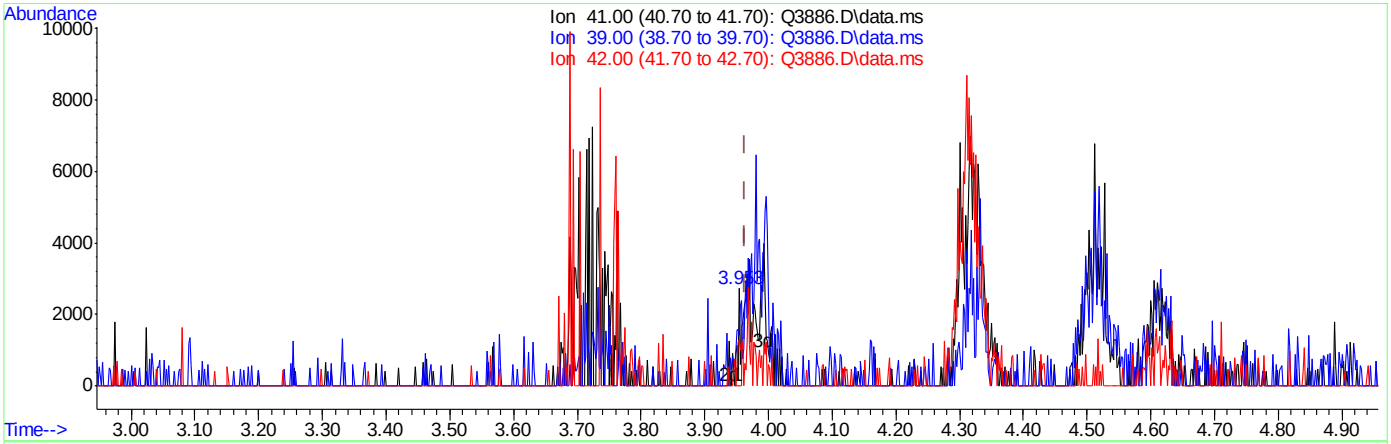


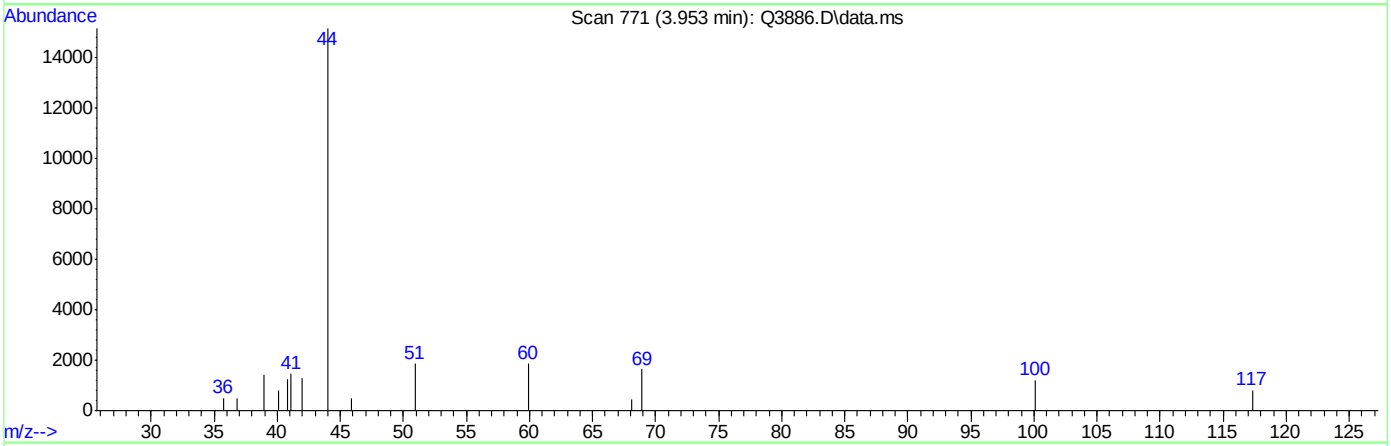
ACCUTEST Laboratories M65960

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

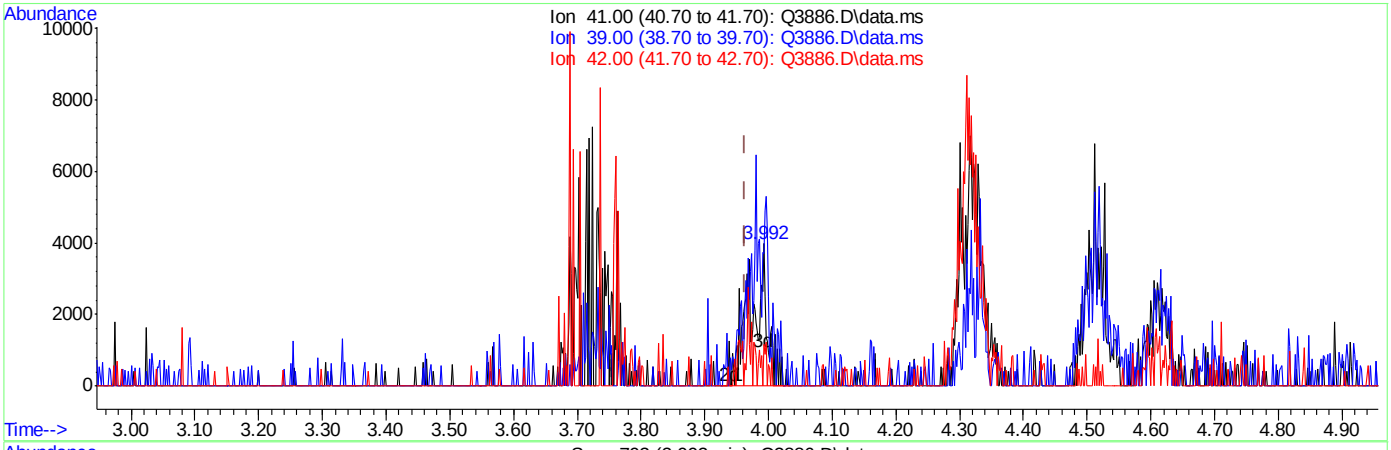
response 805

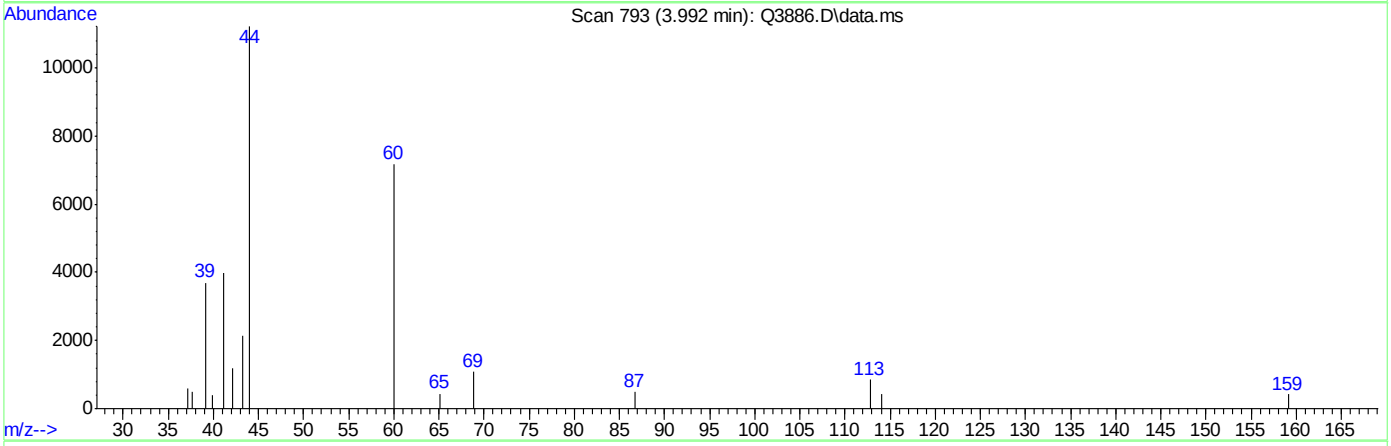
Ion	Exp%	Act%
41.00	100	100
39.00	72.50	51.76#
42.00	67.80	47.65#
0.00	0.00	0.00

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

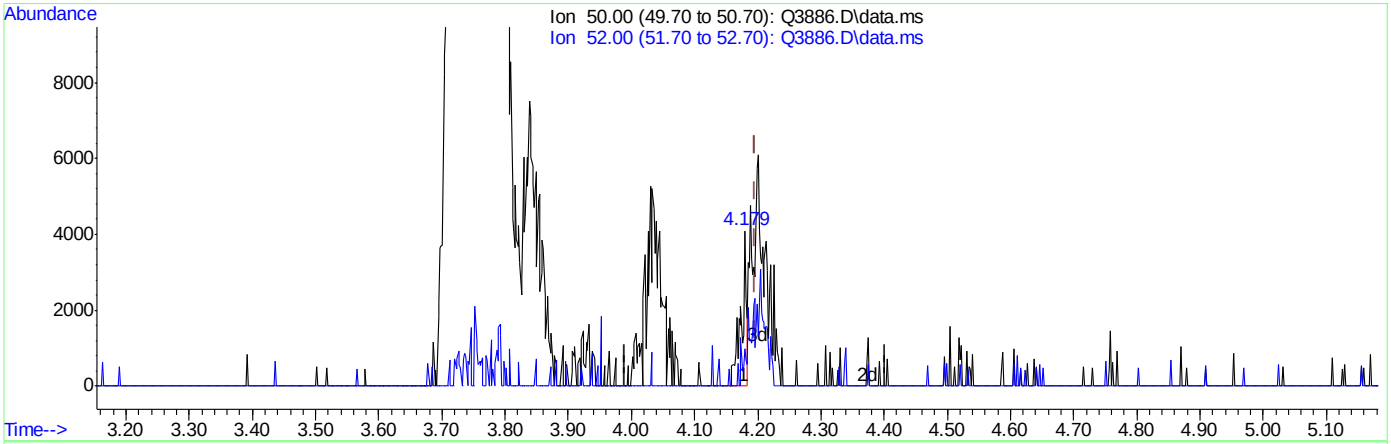
response 7381

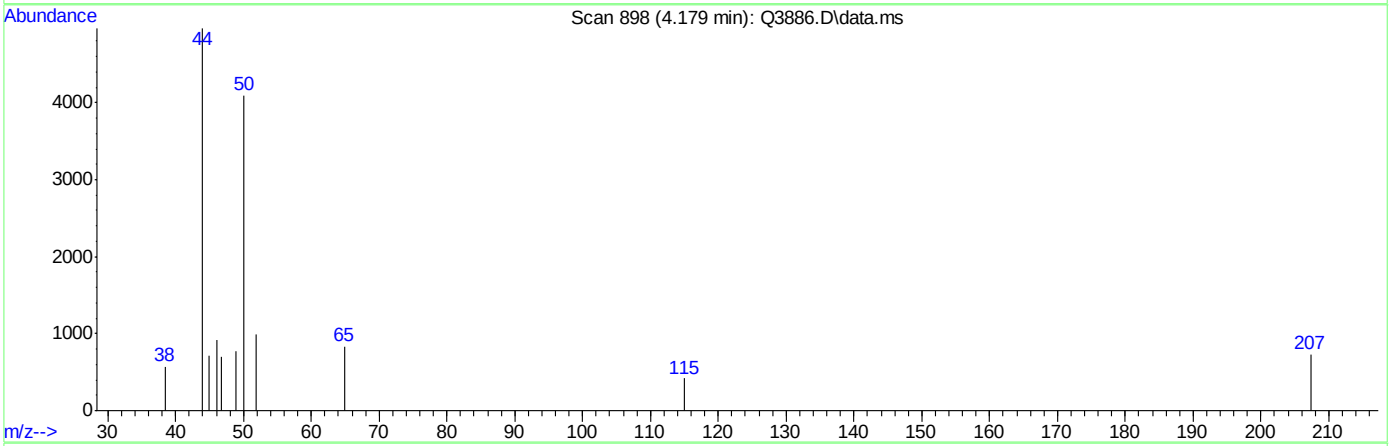
Ion	Exp%	Act%
41.00	100	100
39.00	72.50	92.70#
42.00	67.80	29.52#
0.00	0.00	0.00

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

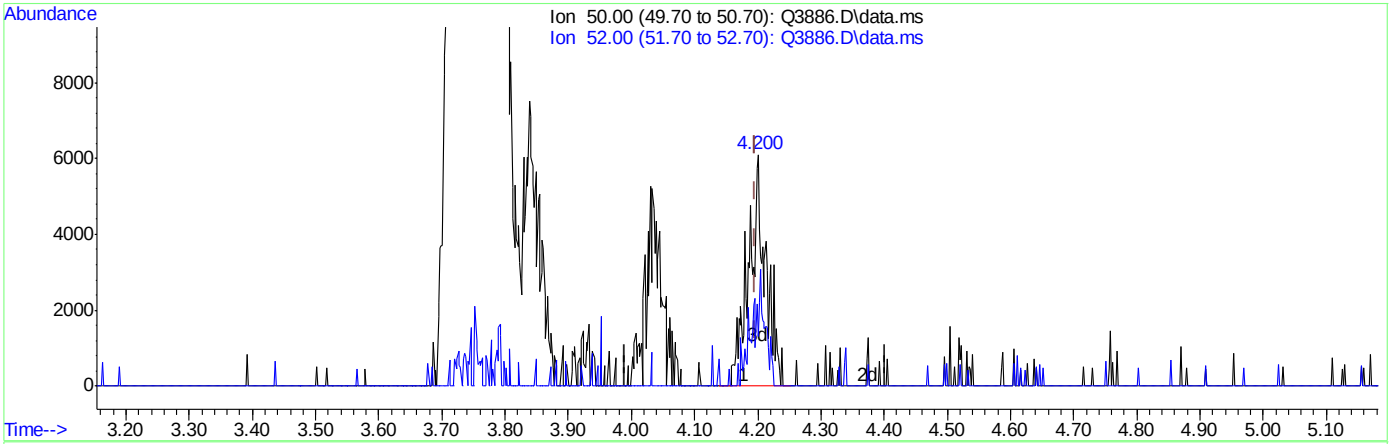
response 2257

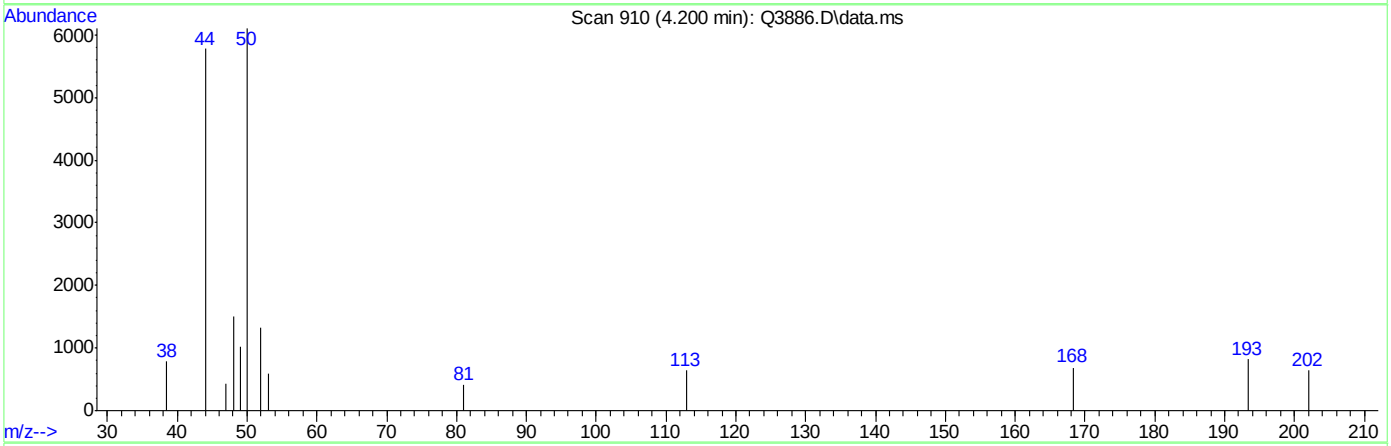
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	14.47
0.00	0.00	0.00
0.00	0.00	0.00

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

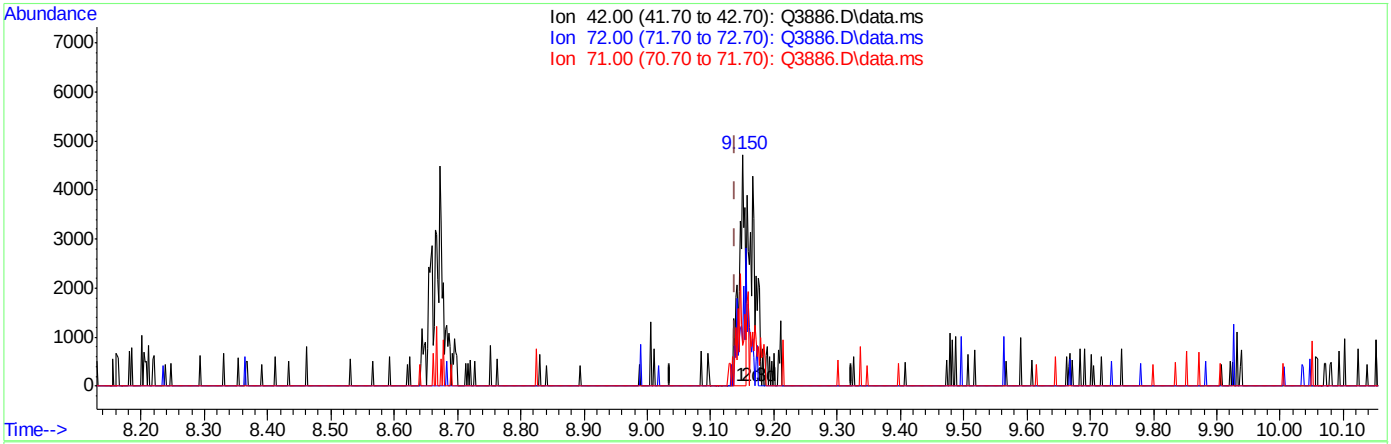
response 11095

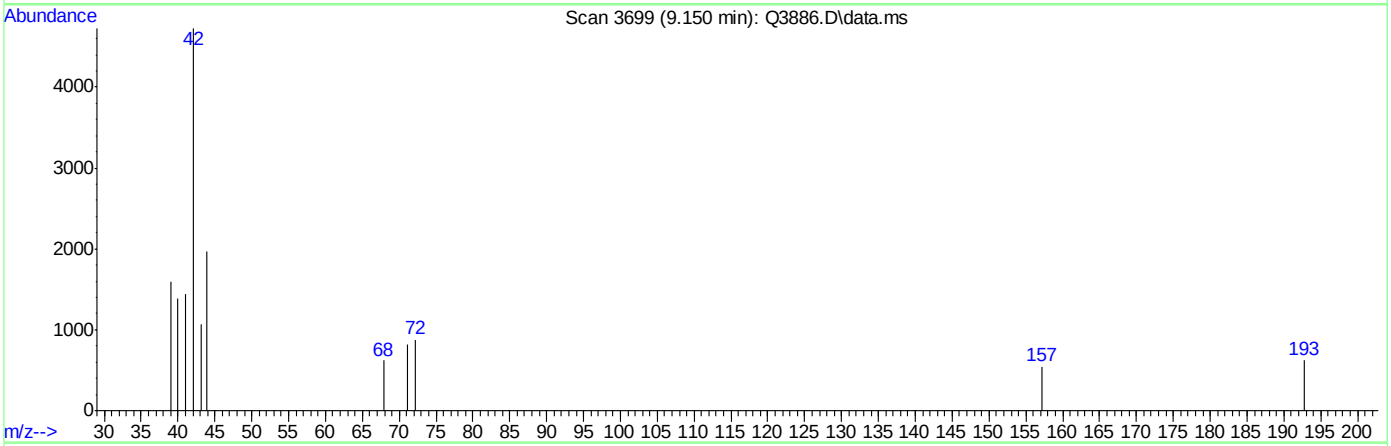
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	21.57
0.00	0.00	0.00
0.00	0.00	0.00

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

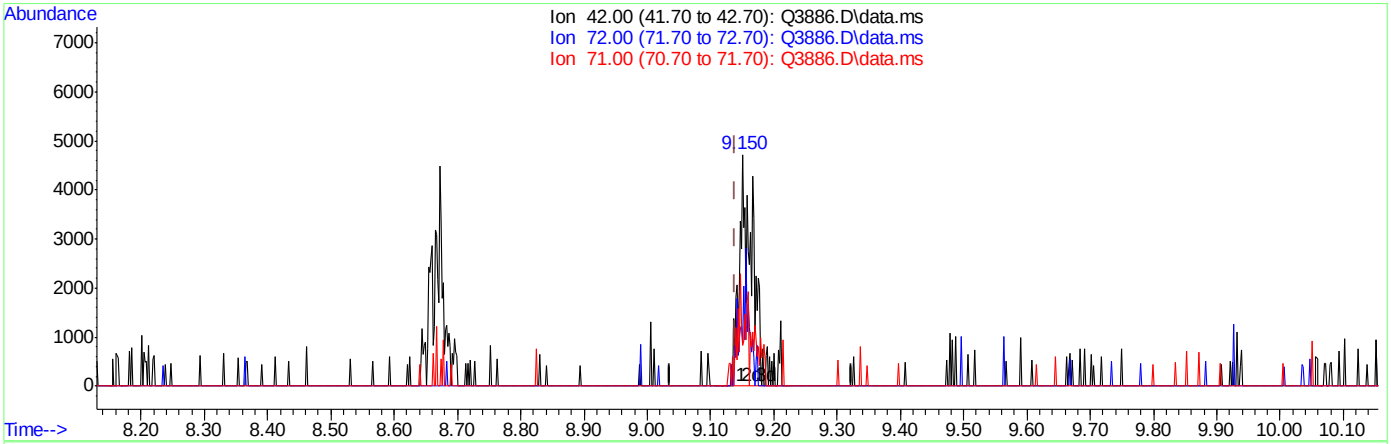
response 3045

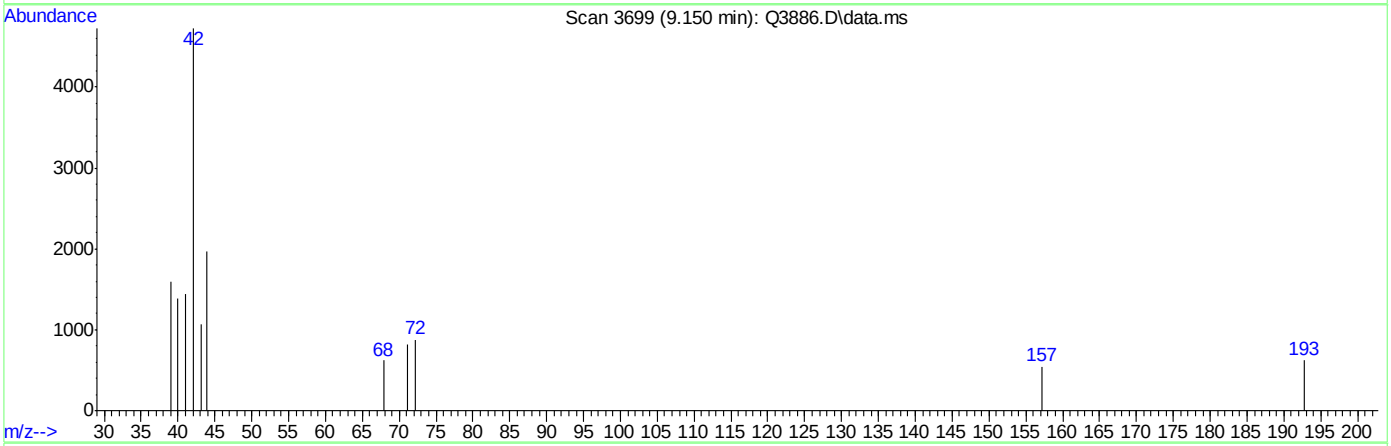
Ion	Exp%	Act%
42.00	100	100
72.00	28.70	61.48#
71.00	27.60	88.54#
0.00	0.00	0.00

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 : J10747.D
Acq On : 23 Jun 2007 1:26 am
Operator : danat
Sample : m65825-7 (m096)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 26 12:34:35 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	326532	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1256544	10.00	PPBV	-0.01
49) CHLOROBENZENE-D5	14.67	117	1077231	10.00	PPBV	-0.01

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	279642	4.18	PPBV	-0.01

Spiked Amount 5.000 Range 51 - 142 Recovery = 83.60%

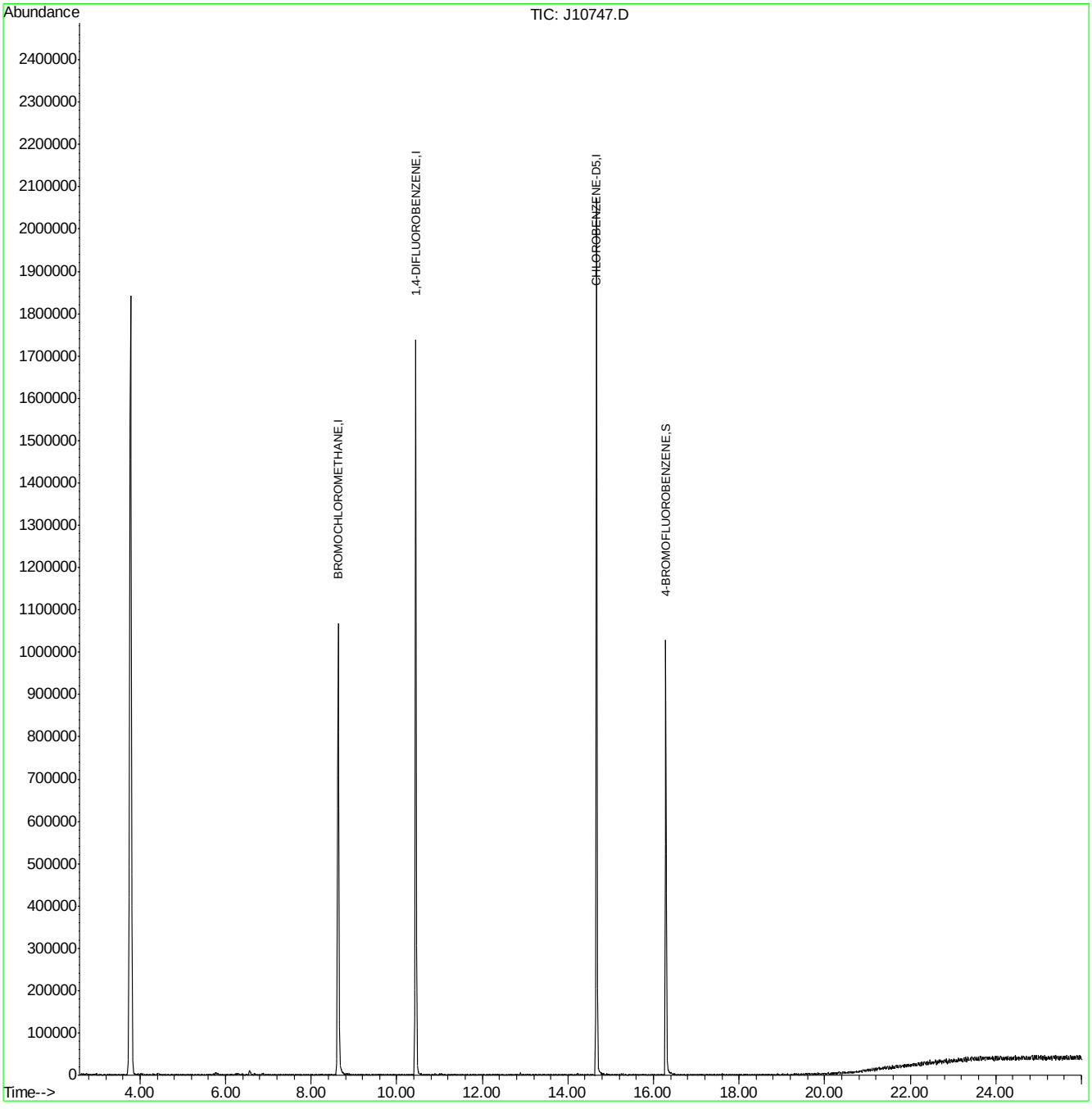
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10747.D
Acq On : 23 Jun 2007 1:26 am
Operator : danat
Sample : m65825-7 (m096)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 26 12:34:35 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3807.D
Acq On : 26 Jun 2007 9:48 am
Operator : PhilipB
Sample : M65825-12 (M006)
Misc : MS13820, MSQ204,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 26 10:23:24 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:41:33 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.635	128	114830	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.463	114	517626	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.705	117	429723	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.327	95	154550	4.21	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 84.20%

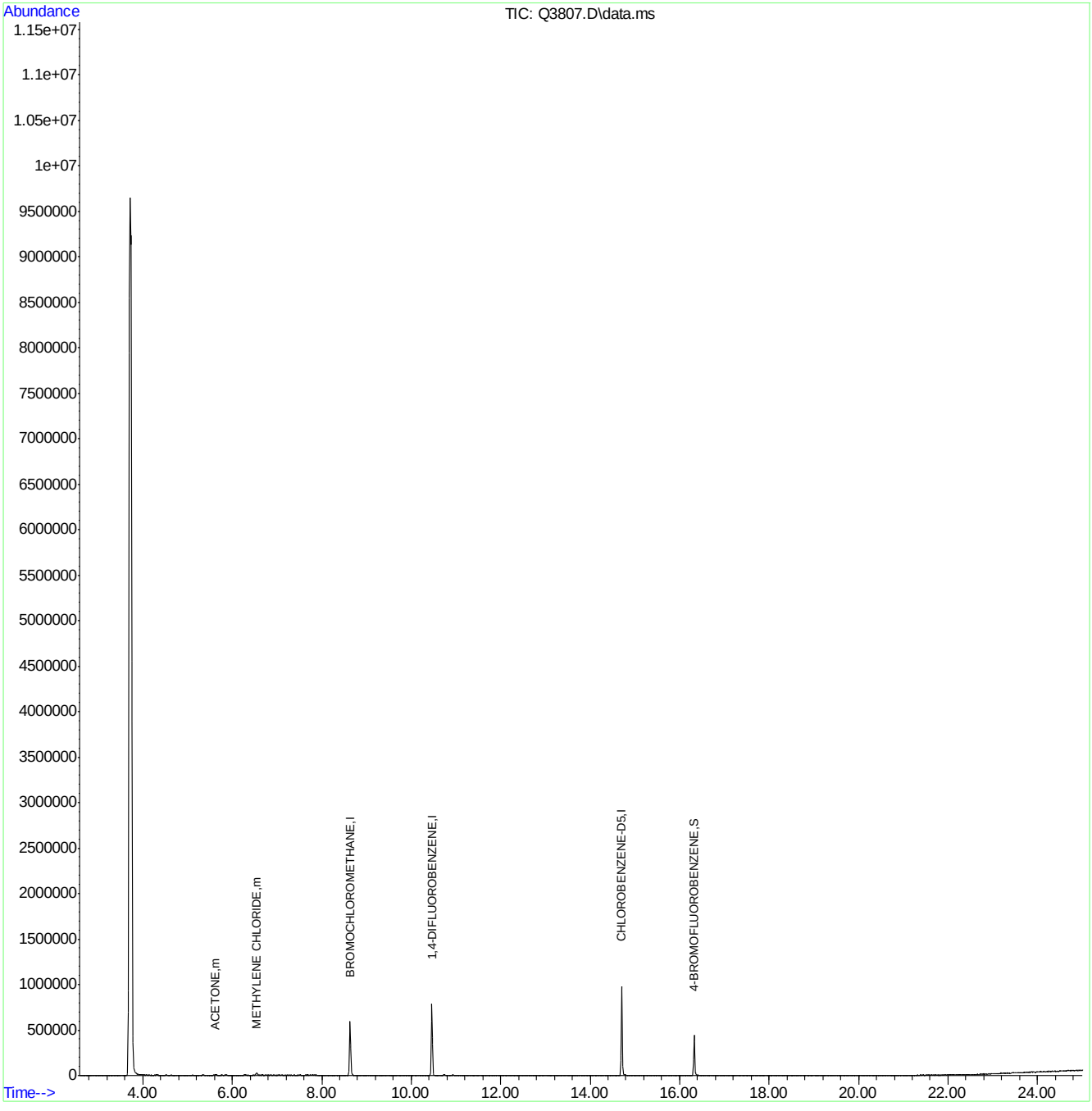
Target Compounds						Qvalue
12) ACETONE	5.622	43	17580	0.57	PPBV	89
18) METHYLENE CHLORIDE	6.543	84	8504	0.45	PPBV	69

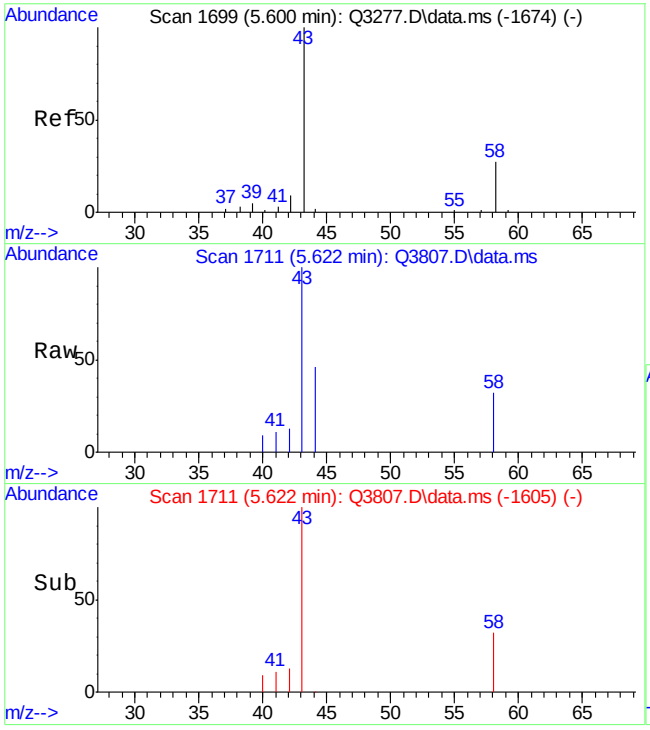
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3807.D
Acq On : 26 Jun 2007 9:48 am
Operator : PhilipB
Sample : M65825-12 (M006)
Misc : MS13820, MSQ204,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 26 10:23:24 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:41:33 2007
Response via : Initial Calibration

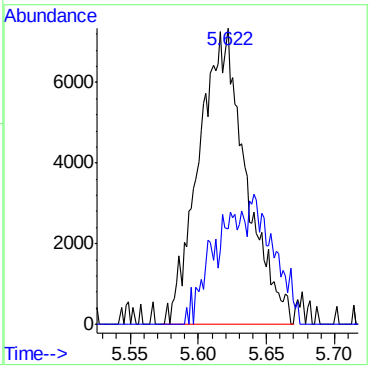


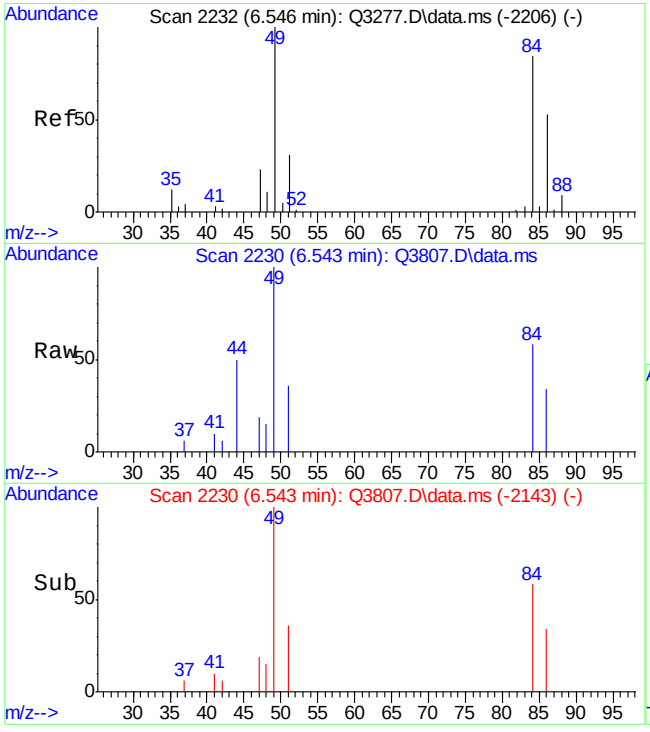


#12
ACETONE
Concen: 0.57 PPBV
RT: 5.622 min Scan# 1711
Delta R.T. 0.033 min
Lab File: Q3807.D
Acq: 26 Jun 2007 9:48 am

Tgt Ion: 43 Resp: 17580

Ion	Ratio	Lower	Upper
43	100		
58	23.0	9.0	49.0

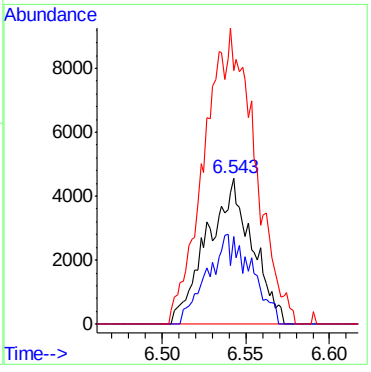




#18
METHYLENE CHLORIDE
Concen: 0.45 PPBV
RT: 6.543 min Scan# 2230
Delta R.T. 0.004 min
Lab File: Q3807.D
Acq: 26 Jun 2007 9:48 am

Tgt Ion: 84 Resp: 8504

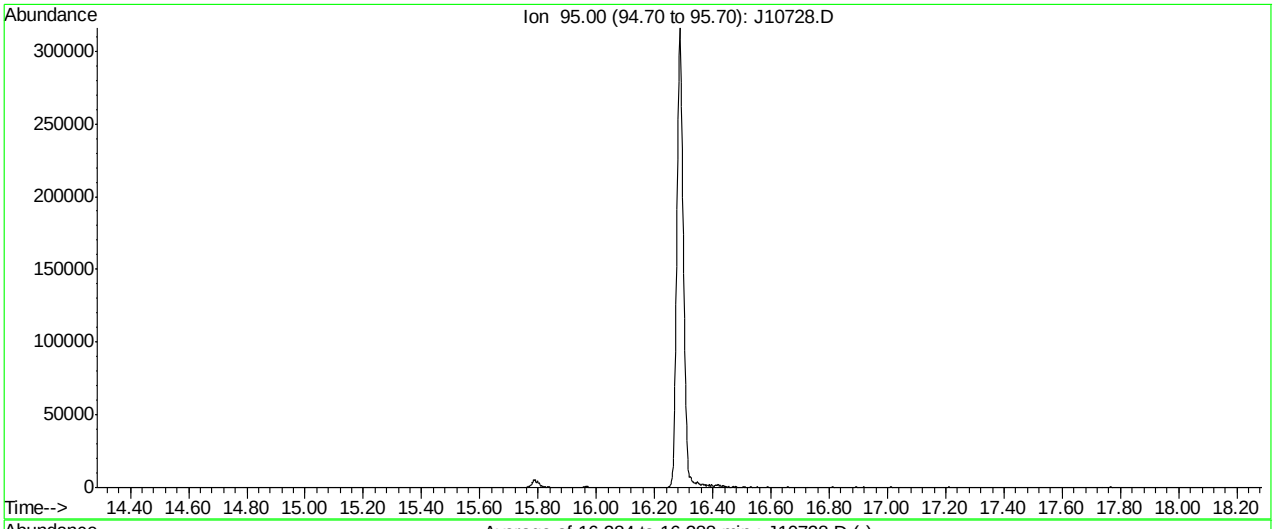
Ion	Ratio	Lower	Upper
84	100		
86	59.7	44.1	84.1
49	228.5	0.0	372.3

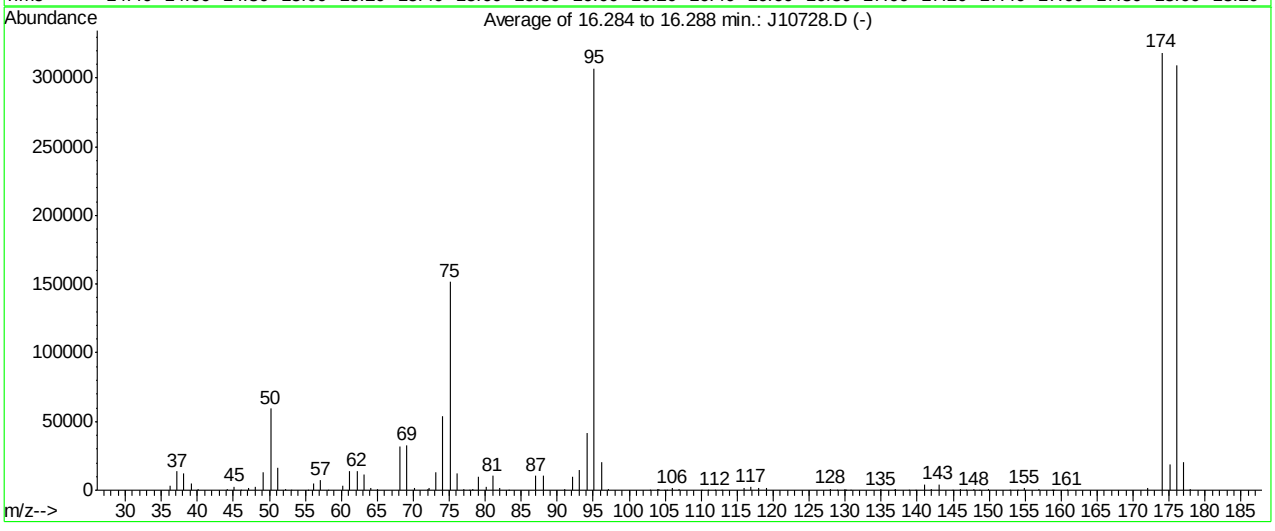


BFB

Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\J062207T.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	19.4	59480	PASS
75	95	30	66	49.4	151658	PASS
95	95	100	100	100.0	306880	PASS
96	95	5	9	6.6	20376	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	103.8	318656	PASS
175	174	4	9	5.9	18645	PASS
176	174	93	101	97.1	309397	PASS
177	176	5	9	6.5	20154	PASS

J10728.D J062207T.M Fri Jun 22 09:59:48 2007

Average of 16.284 to 16.288 min.: J10728.D
ic556-0.5 (m140)
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.15	3391	50.20	59480	63.15	11259	76.10	12591
37.20	13846	51.10	16039	64.10	1423	77.05	1103
38.15	12340	52.20	621	65.10	1169	77.75	395
39.15	4530	53.10	135	68.10	32074	78.20	682
40.15	828	55.30	334	69.10	32952	79.00	9547
44.10	1080	56.15	4958	70.10	1913	80.10	2808
45.15	2807	57.10	7735	72.00	488	81.05	10242
46.10	185	58.10	430	72.20	1729	82.05	1883
47.15	1832	60.15	3060	73.15	13241	83.20	220
48.10	2843	61.10	13793	74.10	54253	87.05	10593
49.20	13319	62.15	14072	75.10	151658	88.05	10528

Average of 16.284 to 16.288 min.: J10728.D
ic556-0.5 (m140)
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
91.00	939	105.20	205	127.95	1156	141.95	797
92.10	9788	106.00	1424	128.95	437	143.00	4495
93.10	14747	106.90	489	129.90	683	144.95	386
94.15	41794	110.10	246	130.10	235	145.95	572
95.10	306880	110.90	137	130.80	153	146.80	141
96.10	20376	111.95	335	135.00	676	147.90	729
97.05	646	112.90	135	136.80	234	148.70	173
102.80	139	116.00	1281	137.00	596	149.90	717
103.90	624	116.95	2159	138.90	247	152.90	155
104.05	1002	118.05	1350	139.80	154	153.90	194
104.95	397	119.00	1784	141.00	3887	154.95	1292

Average of 16.284 to 16.288 min.: J10728.D
ic556-0.5 (m140)
Modified:subtracted

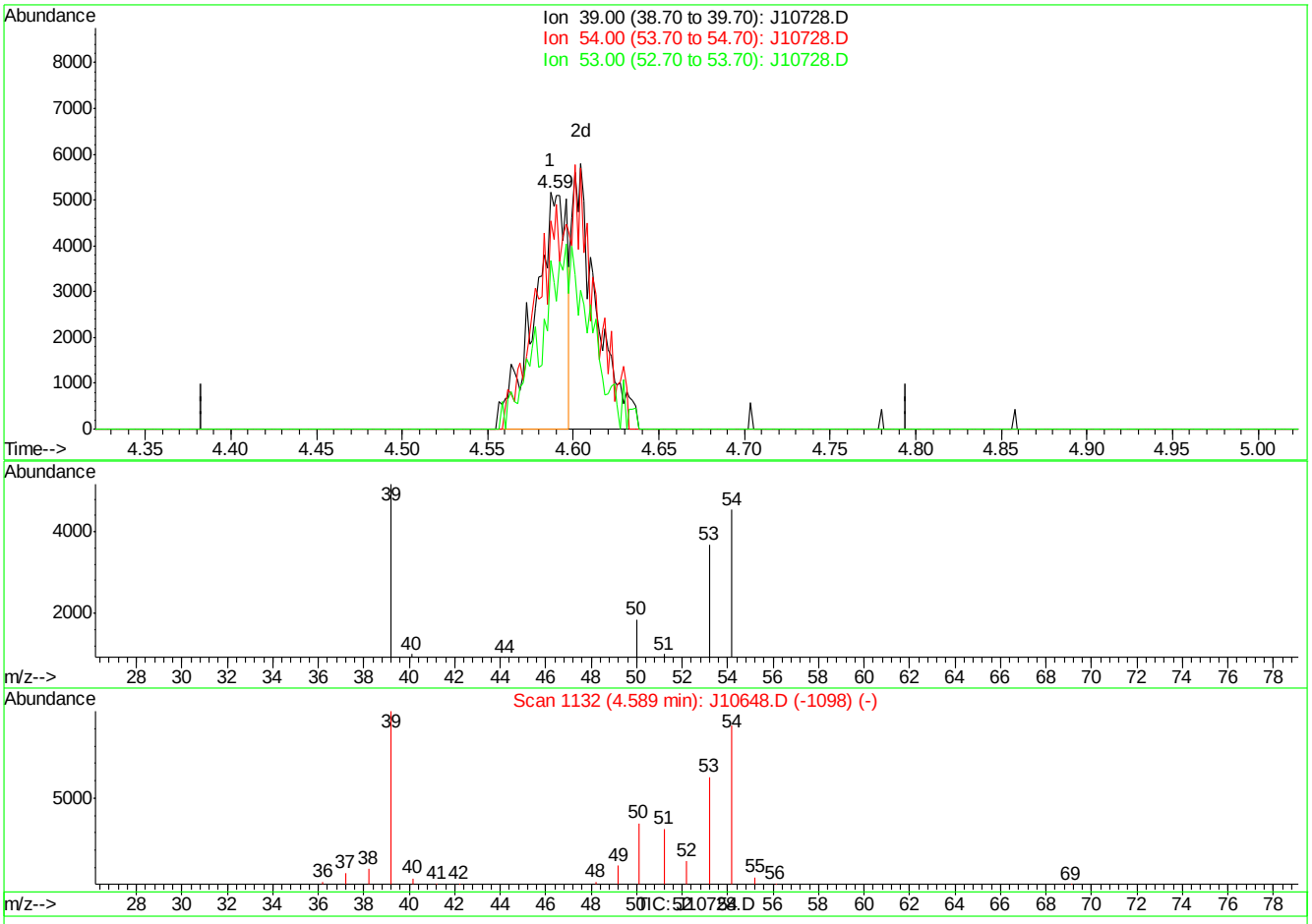
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
156.95	1024						
158.70	167						
158.90	264						
160.85	403						
172.00	2032						
174.00	318656						
175.10	18645						
176.00	309397						
176.95	20154						
177.90	596						

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration



(7) 1,3-BUTADIENE (m)

4.59min 0.24PPBV

response 6837

Ion	Exp%	Act%
39.00	100	100
54.00	94.20	91.52
53.00	65.20	0.00#
0.00	0.00	0.00

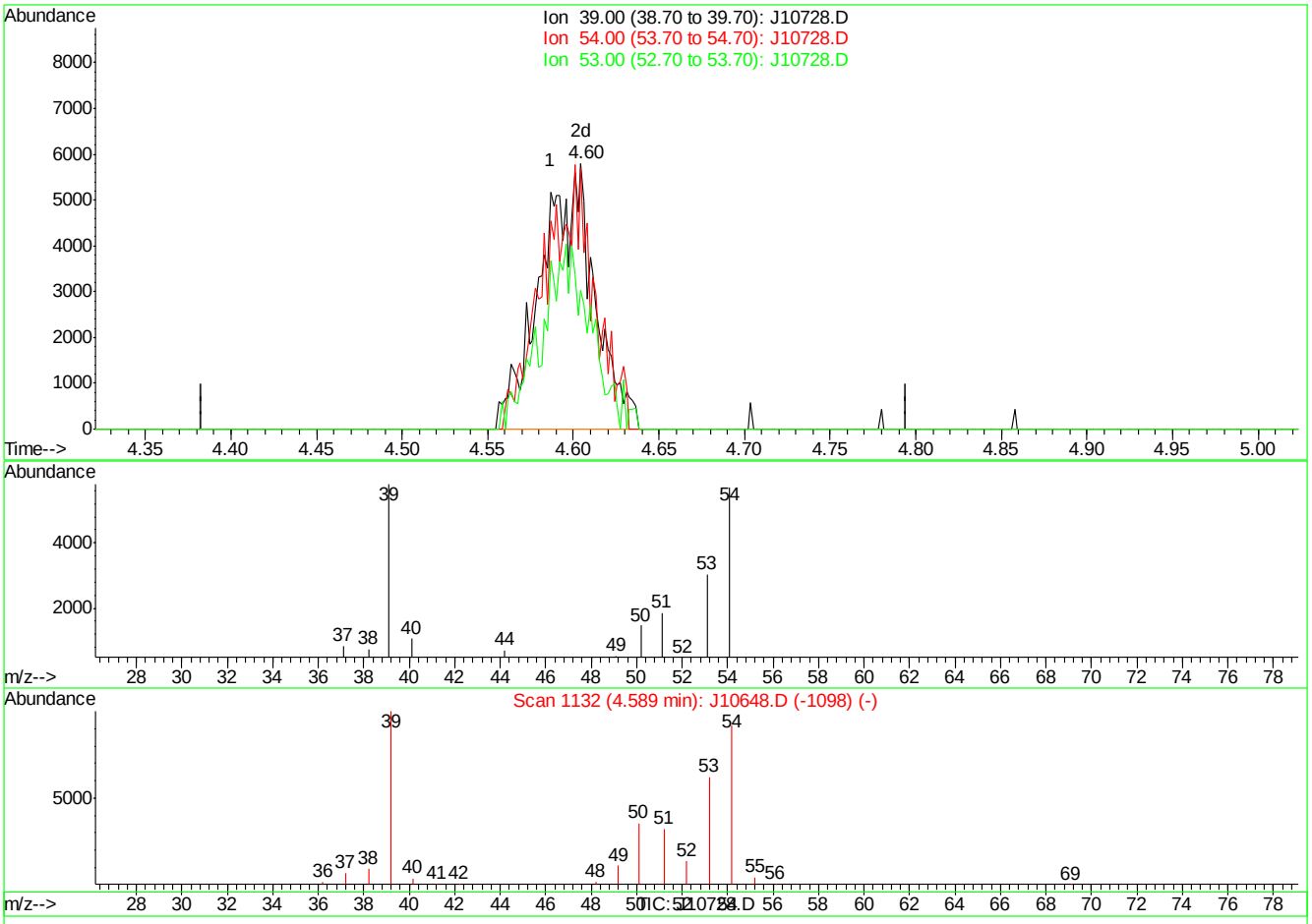
J10728.D J062207T.M Fri Jun 22 09:57:16 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration



(7) 1,3-BUTADIENE (m)

4.60min 0.44PPBV m

response 12568

Ion	Exp%	Act%
39.00	100	100
54.00	94.20	49.79#
53.00	65.20	0.00#
0.00	0.00	0.00

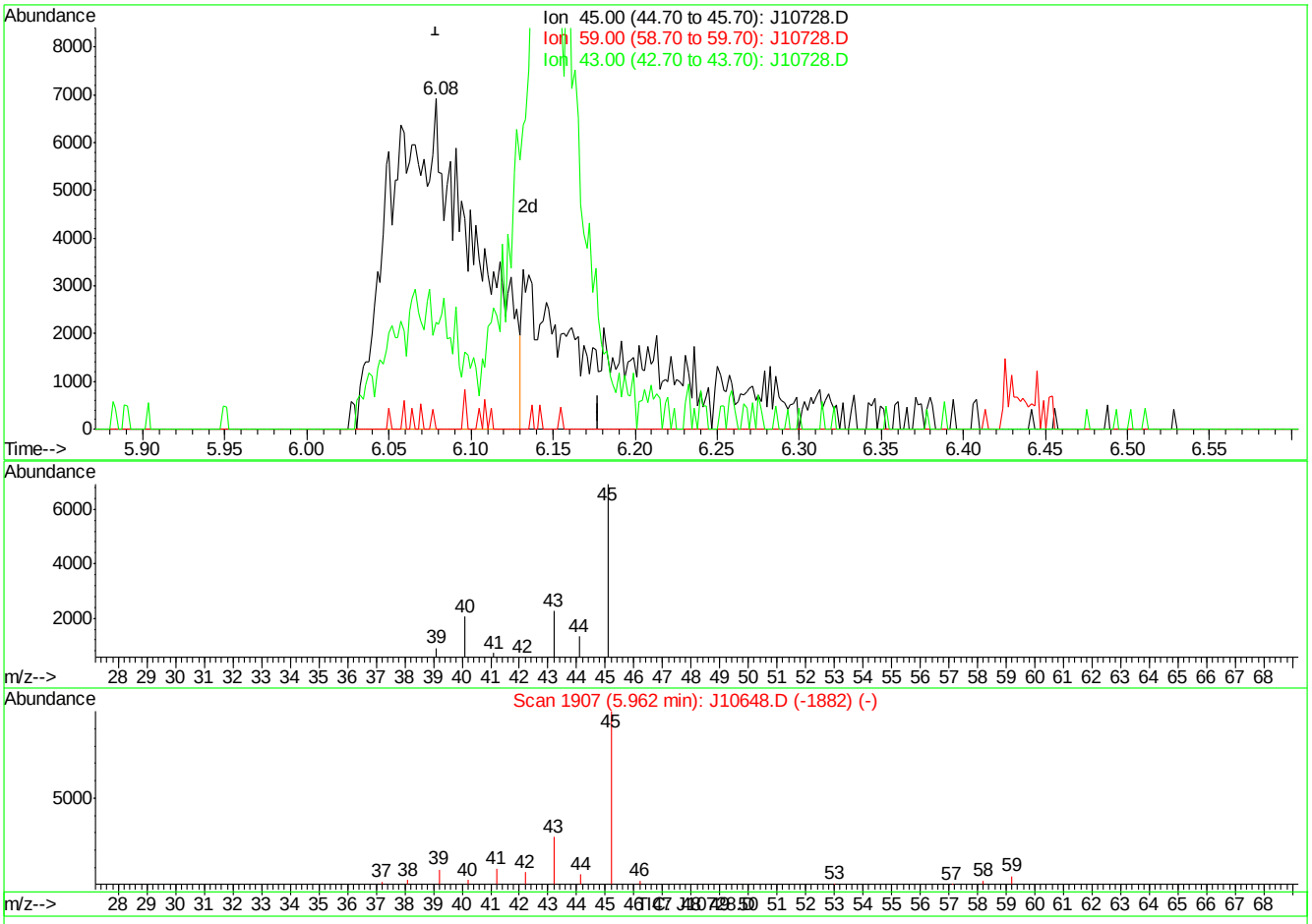
J10728.D J062207T.M Fri Jun 22 09:57:20 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration



(11) ISOPROPYL ALCOHOL (m)

6.08min 0.48PPBV

response 24576

Ion	Exp%	Act%
45.00	100	100
59.00	5.10	0.00
43.00	27.70	32.51
0.00	0.00	0.00

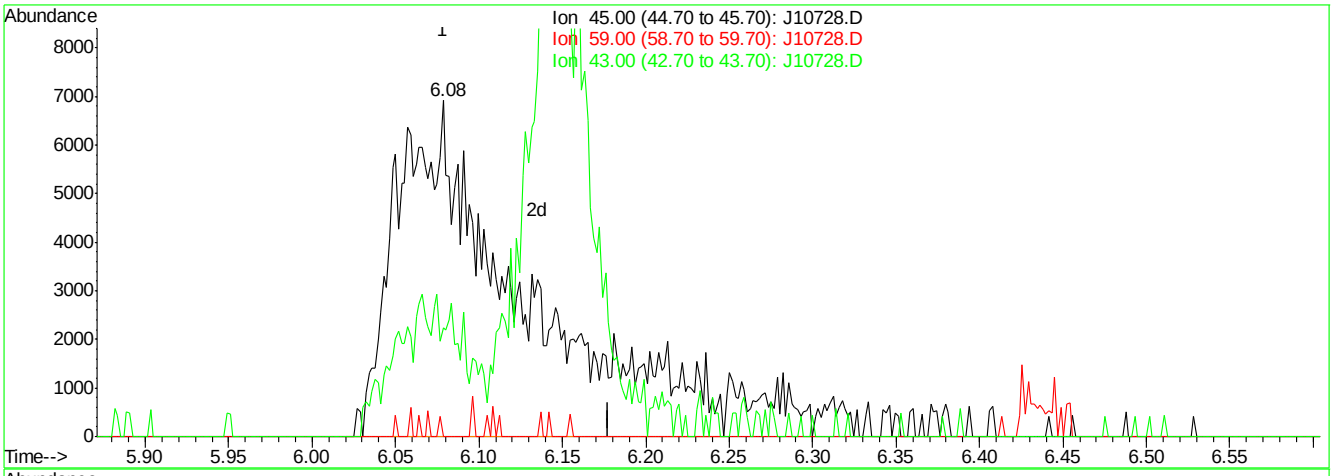
J10728.D J062207T.M Fri Jun 22 09:57:34 2007

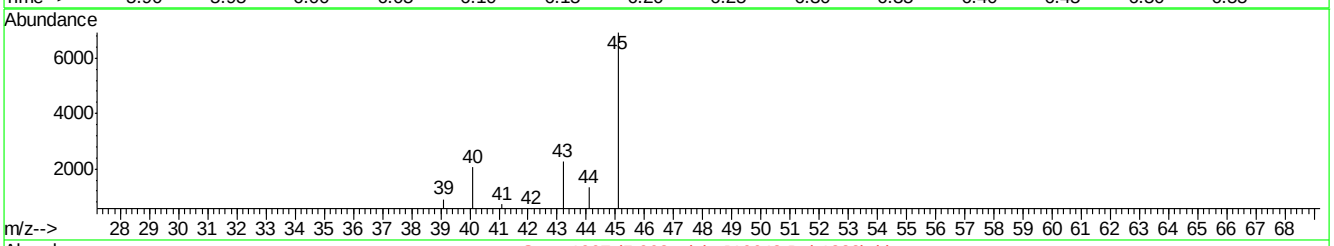
Quantitation Report (Qedit)

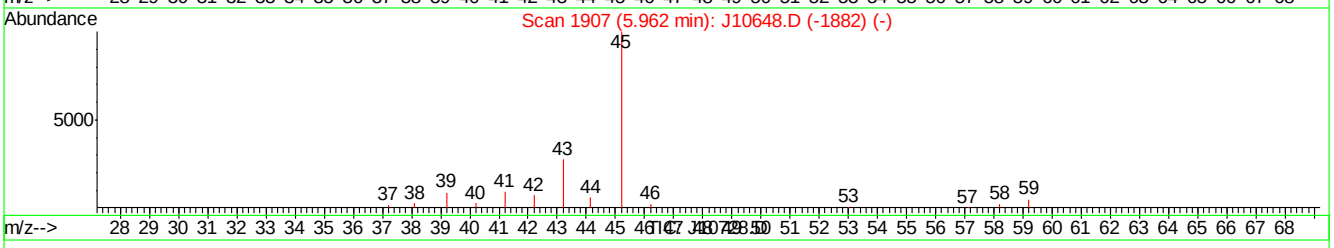
Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.08min 0.69PPBV m

response 35483

Ion	Exp%	Act%
45.00	100	100
59.00	5.10	0.00
43.00	27.70	32.51
0.00	0.00	0.00

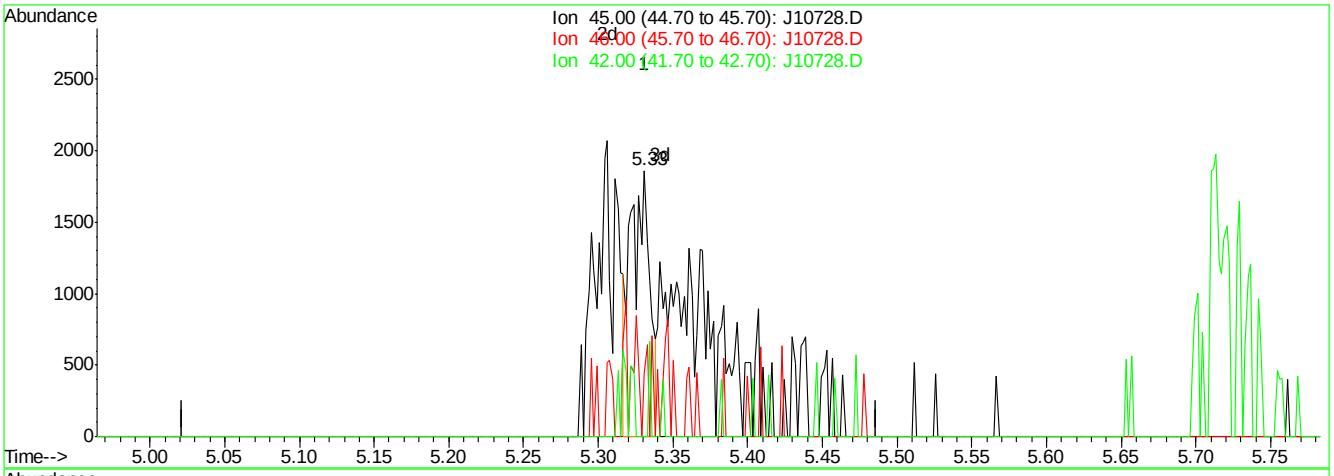
J10728.D J062207T.M Fri Jun 22 09:57:40 2007

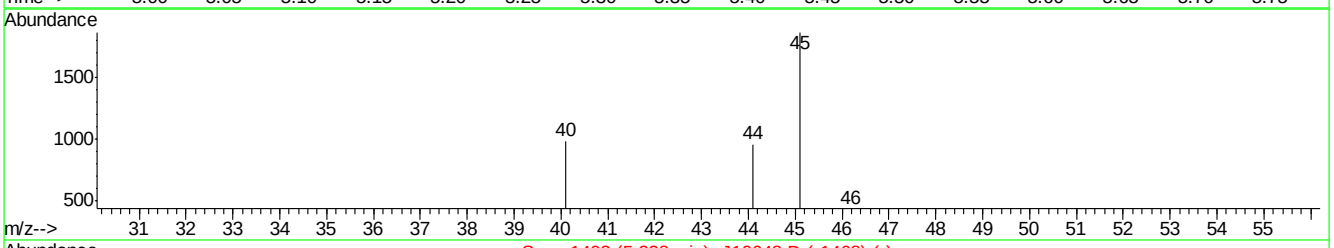
Quantitation Report (Qedit)

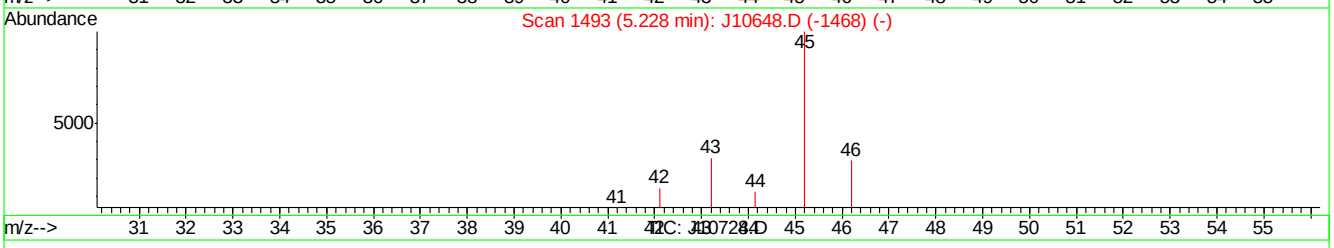
Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.33min 0.17PPBV

response 1620

Ion	Exp%	Act%
45.00	100	100
46.00	33.70	26.85
42.00	5.10	4.38
0.00	0.00	0.00

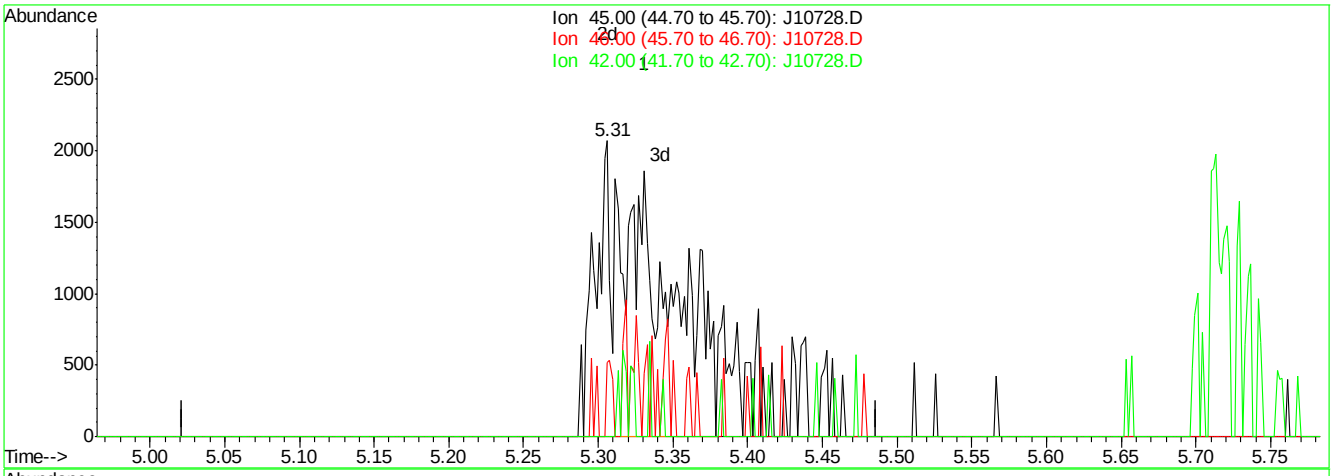
J10728.D J062207T.M Fri Jun 22 09:57:50 2007

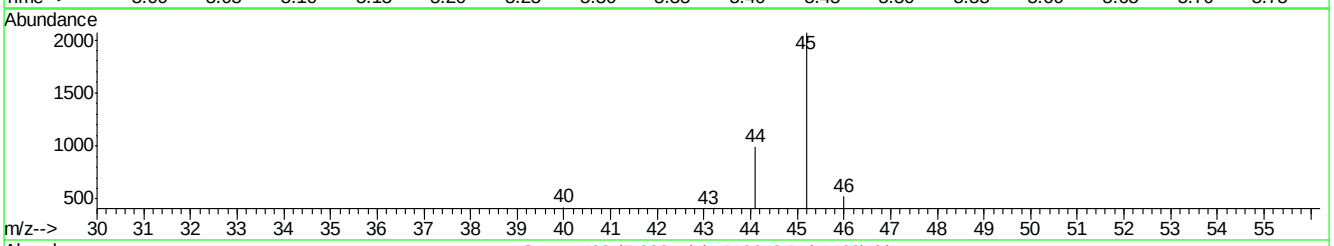
Quantitation Report (Qedit)

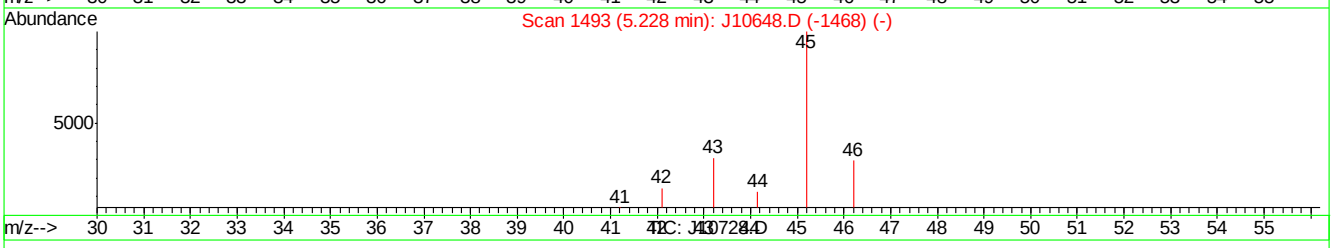
Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.31min 0.60PPBV m

response 5785

Ion	Exp%	Act%
45.00	100	100
46.00	33.70	7.52#
42.00	5.10	1.23
0.00	0.00	0.00

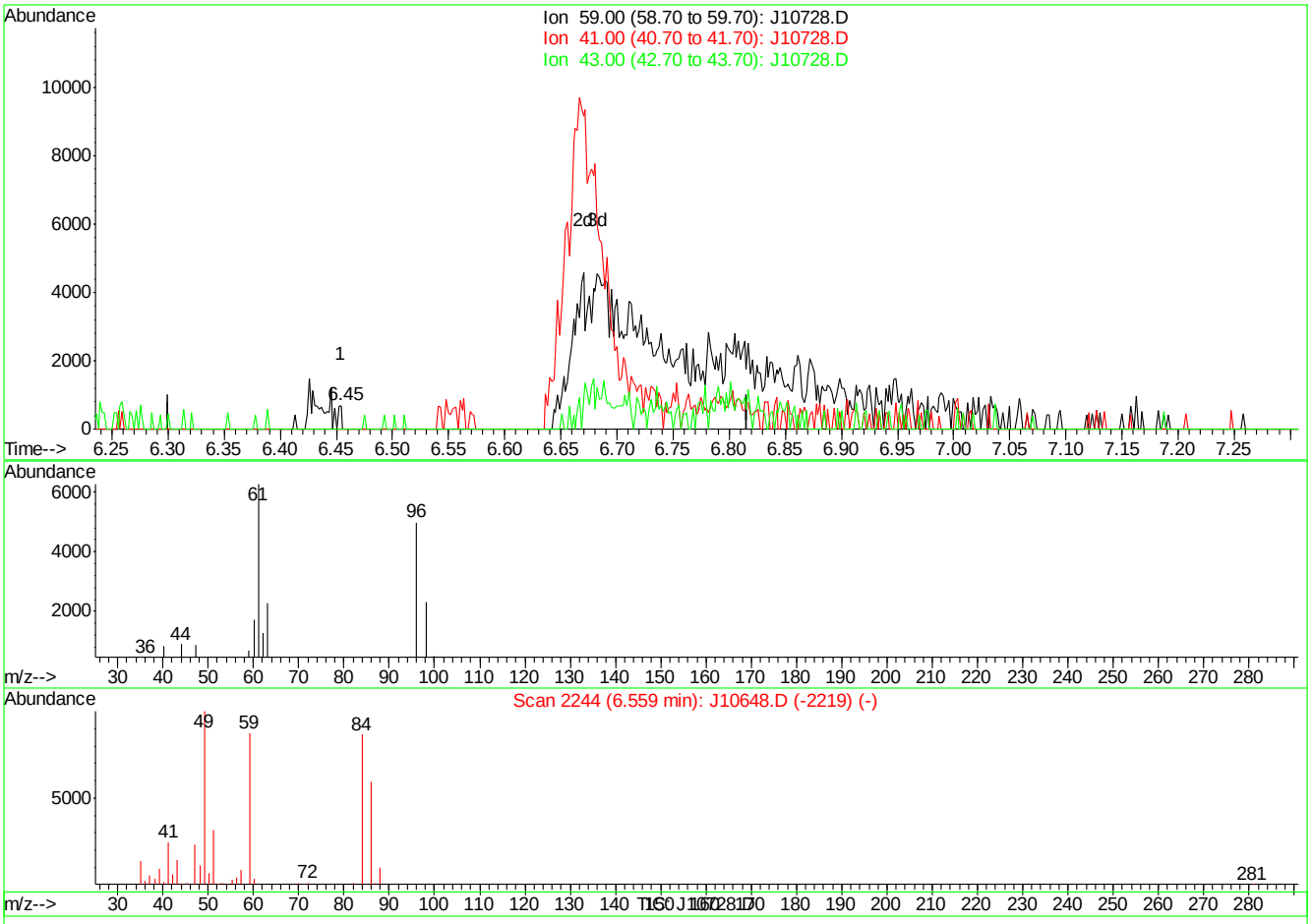
J10728.D J062207T.M Fri Jun 22 09:58:02 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration



(22) TERTIARY BUTYL ALCOHOL (m)

6.45min 0.00PPBV

response 143

Ion	Exp%	Act%
59.00	100	100
41.00	24.40	0.00#
43.00	18.50	0.00
0.00	0.00	0.00

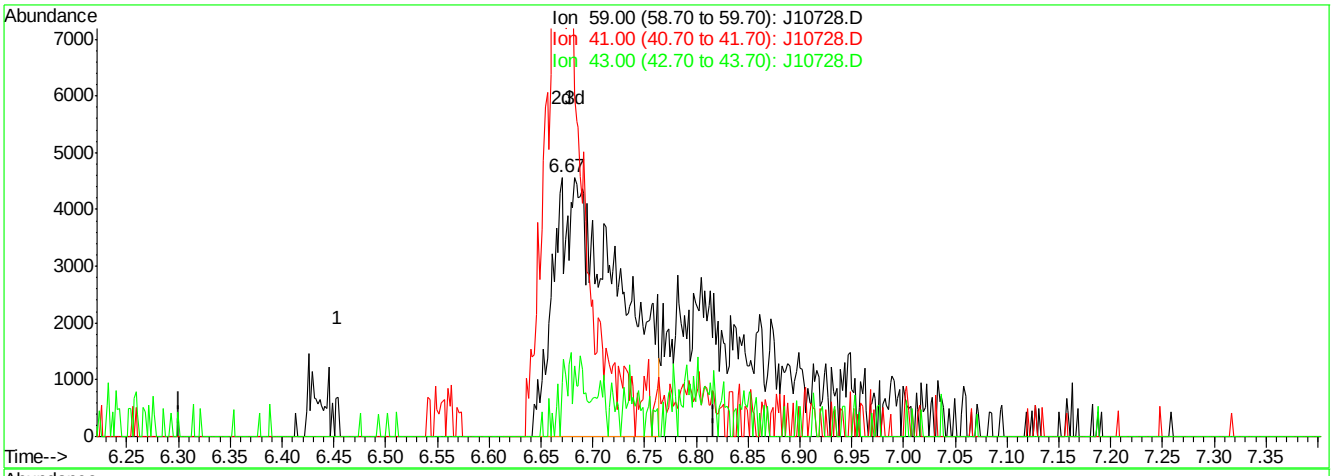
J10728.D J062207T.M Fri Jun 22 09:58:14 2007

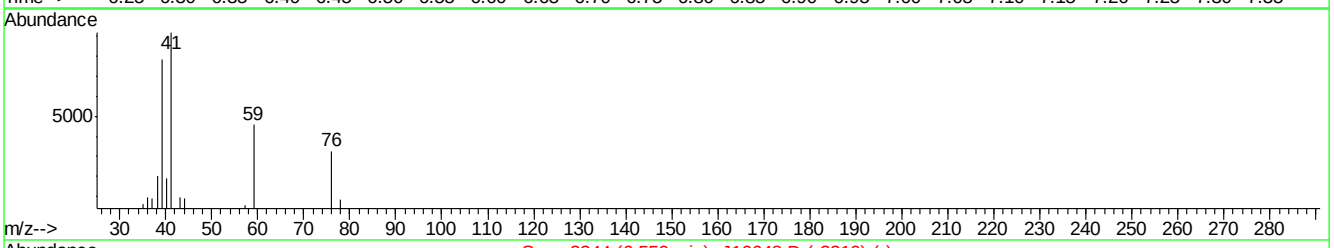
Quantitation Report (Qedit)

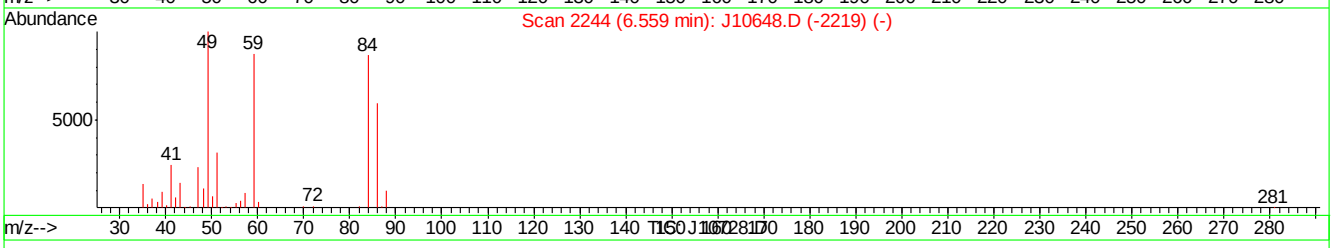
Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(22) TERTIARY BUTYL ALCOHOL (m)

6.67min 0.31PPBV m

response 19929

Ion	Exp%	Act%
59.00	100	100
41.00	24.40	0.00#
43.00	18.50	0.00
0.00	0.00	0.00

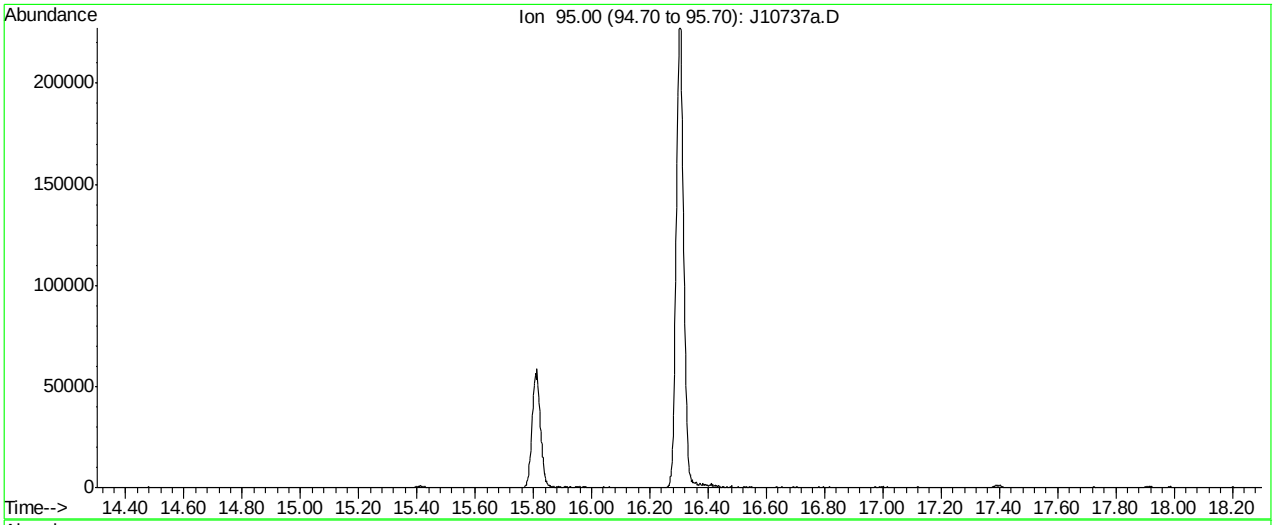
J10728.D J062207T.M Fri Jun 22 09:58:33 2007

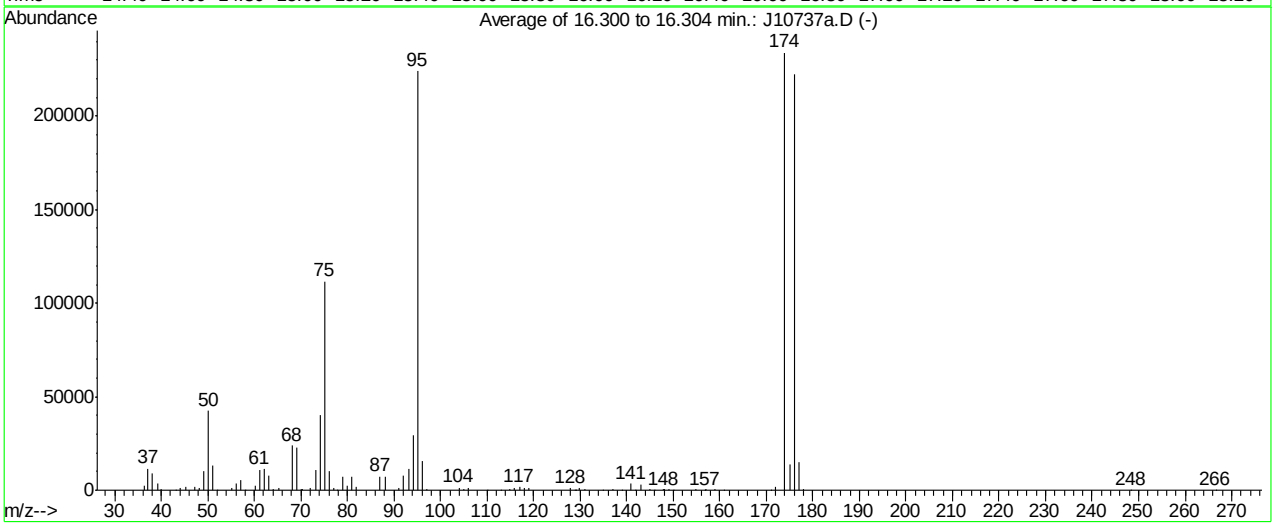
BFB

Data File : C:\MSDCHEM\1\DATA\J10737a.D
Acq On : 22 Jun 2007 5:13 pm
Sample : icv556-10 (m045)
Misc : MS13762, MSJ556,,,,,1
MS Integration Params: LSCINT.P

Vial: 3
Operator: danat
Inst : MSJ
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





AutoFind: Scans 7743, 7744, 7745; Background Corrected with Scan 7716

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	19.0	42528	PASS
75	95	30	66	49.8	111533	PASS
95	95	100	100	100.0	223936	PASS
96	95	5	9	6.9	15347	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	104.5	234048	PASS
175	174	4	9	6.0	13928	PASS
176	174	93	101	95.1	222656	PASS
177	176	5	9	6.6	14792	PASS

J10737a.D J062207T.M Mon Jun 25 09:27:53 2007

Average of 16.300 to 16.304 min.: J10737a.D
icv556-10 (m045)
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.25	2397	50.10	42528	64.10	734	77.05	1110
37.20	11587	51.10	13124	65.15	1048	77.90	191
38.15	8976	52.10	238	68.10	23770	79.00	7344
39.15	3816	55.10	1033	69.10	22957	80.05	2371
40.05	454	56.10	3418	70.00	469	81.00	7478
43.15	312	57.15	5302	70.20	903	82.00	1787
44.10	1419	58.10	151	72.10	985	87.05	7449
45.15	2032	60.15	2584	73.10	10816	88.05	7015
47.10	1982	61.10	11032	74.15	40410	91.00	1025
48.15	1310	62.15	11372	75.10	111533	92.10	7747
49.15	9976	63.15	7712	76.10	10165	93.10	11697

Average of 16.300 to 16.304 min.: J10737a.D
icv556-10 (m045)
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
94.20	29552	117.00	1545	140.95	3431	156.95	473
95.10	223936	117.95	1069	141.90	147	159.05	361
96.10	15347	118.95	1322	142.95	2915	160.90	312
97.05	468	128.00	1080	144.90	360	171.00	161
104.00	1324	128.80	174	146.00	193	172.05	1736
105.00	534	129.00	226	147.90	452	174.00	234048
105.95	1265	129.85	1020	148.10	427	175.05	13928
110.10	135	130.95	765	149.00	407	176.00	222656
113.00	176	134.90	297	150.00	138	177.00	14792
114.95	334	136.95	400	154.95	462	177.90	720
115.95	1162	138.90	143	156.70	196	248.40	136

Average of 16.300 to 16.304 min.: J10737a.D
icv556-10 (m045)
Modified:subtracted

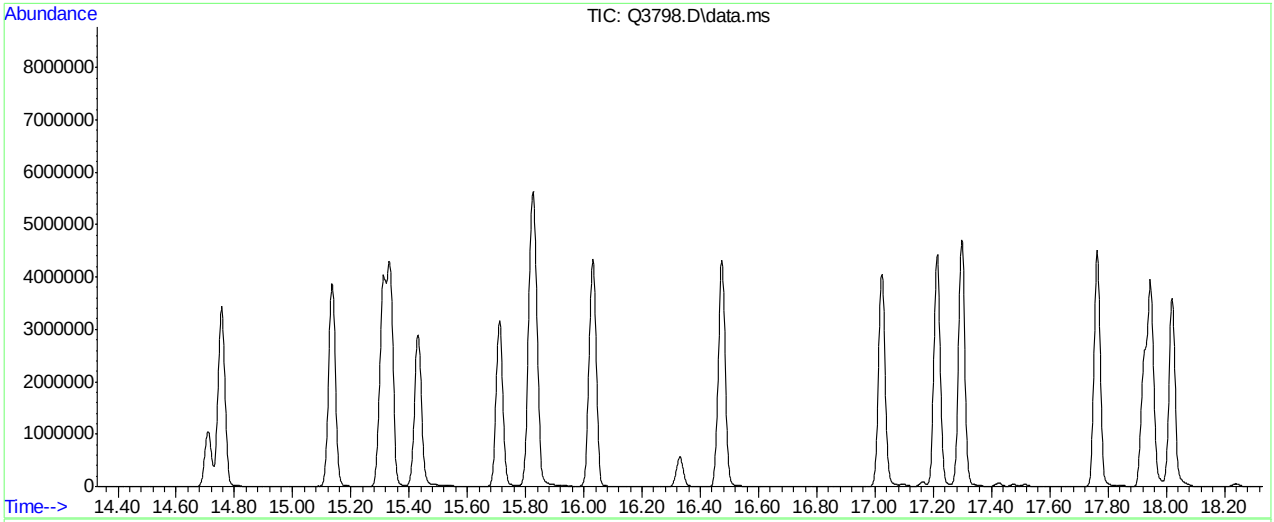
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
266.50	173						

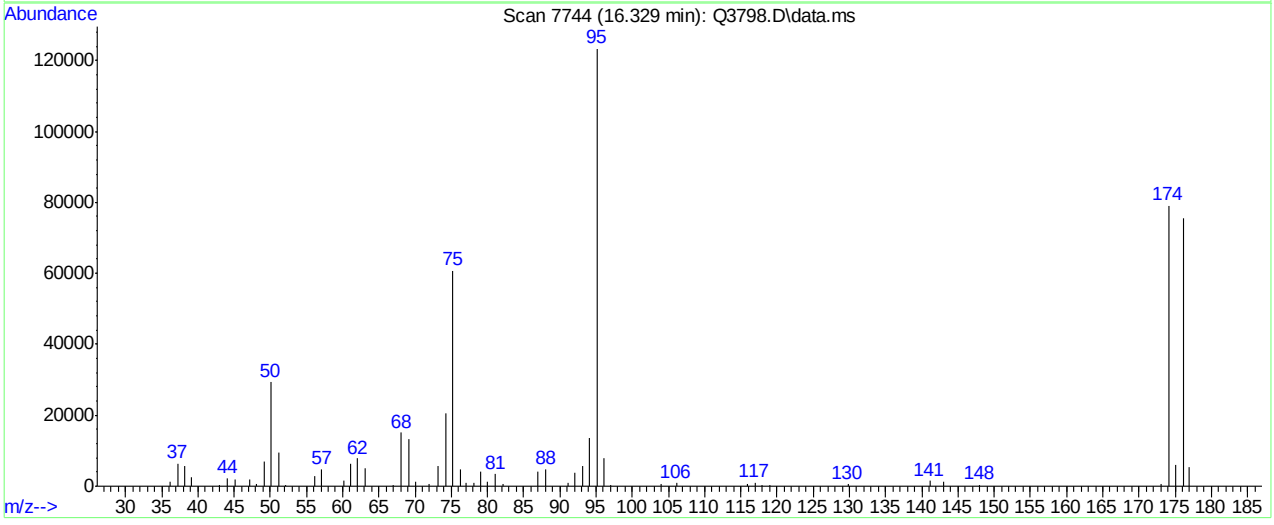
BFB

Data File : C:\msdchem\1\DATA\Q3798.D
Acq On : 25 Jun 2007 3:58 pm
Sample : IC204-40 (M041)
Misc : MS13781, MSQ204,,,,,1
MS Integration Params: LSCINT.P

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

Method : C:\msdchem\1\METHODS\Q062507T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Scan 7744

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	23.8	29336	PASS
75	95	30	66	49.2	60680	PASS
95	95	100	100	100.0	123376	PASS
96	95	5	9	6.4	7938	PASS
173	174	0.00	2	0.8	655	PASS
174	95	50	120	64.1	79144	PASS
175	174	4	9	7.4	5865	PASS
176	174	93	101	95.6	75640	PASS
177	176	5	9	7.3	5522	PASS

Q3798.D Q062507T.m Tue Jun 26 08:29:32 2007 RPT1

Scan 7744 (16.329 min): Q3798.D\data.ms
IC204-40 (M041)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	1425	51.20	9439	70.10	1315	82.10	641
37.20	6366	52.10	435	72.00	576	87.00	3965
38.20	5843	56.10	2901	73.20	5745	88.10	4742
39.10	2558	57.10	4839	74.20	20520	91.10	1112
43.00	443	60.20	1478	75.20	60680	92.10	3928
44.10	2341	61.10	6219	76.20	4656	93.10	5557
45.10	1761	62.10	7874	77.10	852	94.10	13702
47.10	1856	63.10	5087	78.10	986	95.10	123376
48.10	798	67.00	422	79.10	4050	96.10	7938
49.10	6982	68.10	15033	80.00	1241	97.00	433
50.10	29336	69.10	13201	81.10	3428	104.00	631

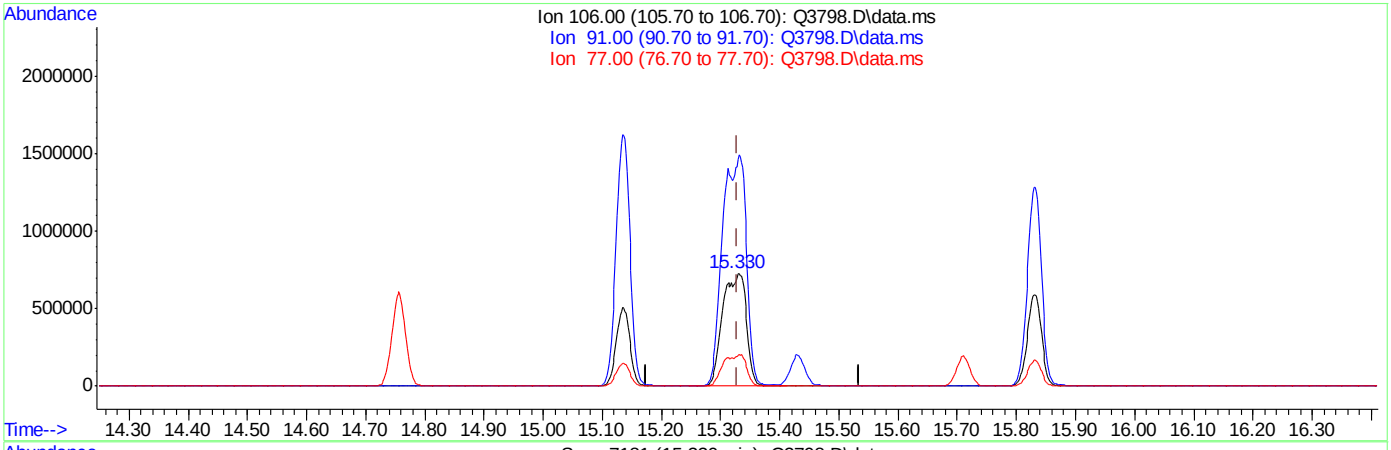
Scan 7744 (16.329 min): Q3798.D\data.ms
IC204-40 (M041)

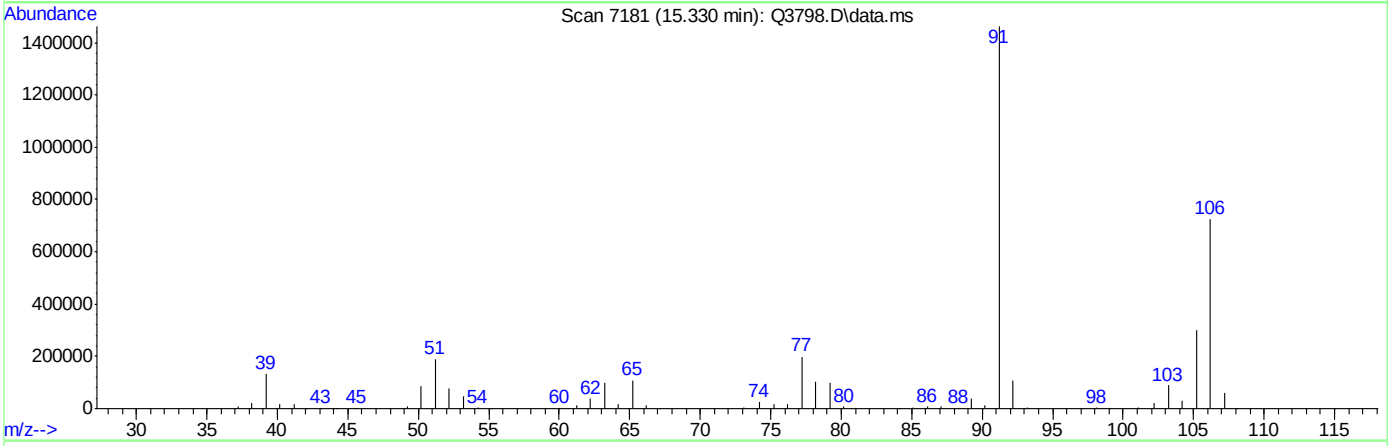
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
106.10	819	175.00	5865				
115.90	535	176.10	75640				
117.00	949	177.00	5522				
118.00	419						
119.00	416						
129.80	577						
141.10	1471						
143.00	1198						
148.00	431						
173.00	655						
174.10	79144						

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3798.D
Acq On : 25 Jun 2007 3:58 pm
Operator : PhilipB
Sample : IC204-40 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 25 16:55:41 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 16:54:56 2007
Response via : Initial Calibration





TIC: Q3798.D\data.ms

(56) m,p-XYLENE (m)

15.330min (0.000) 80.46PPBV m

response 2015375

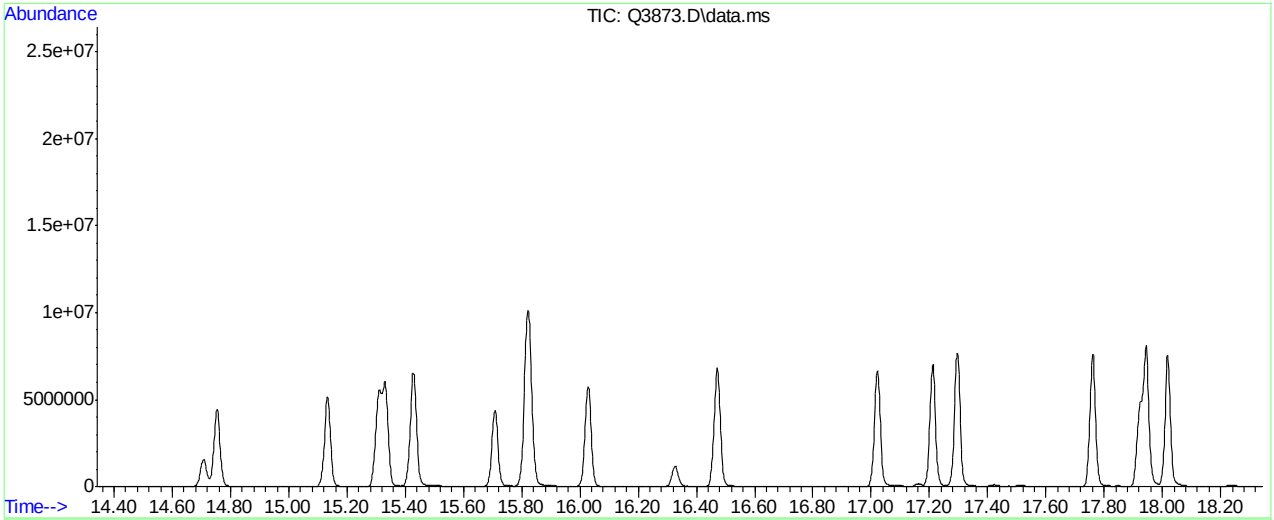
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	201.32
77.00	27.30	27.31
0.00	0.00	0.00

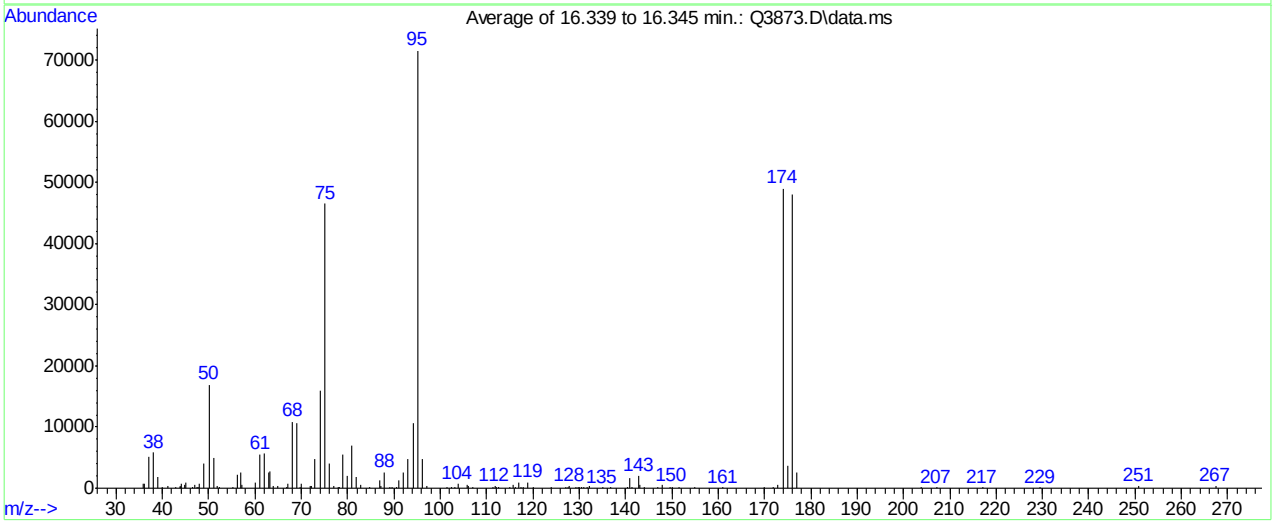
BFB

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)

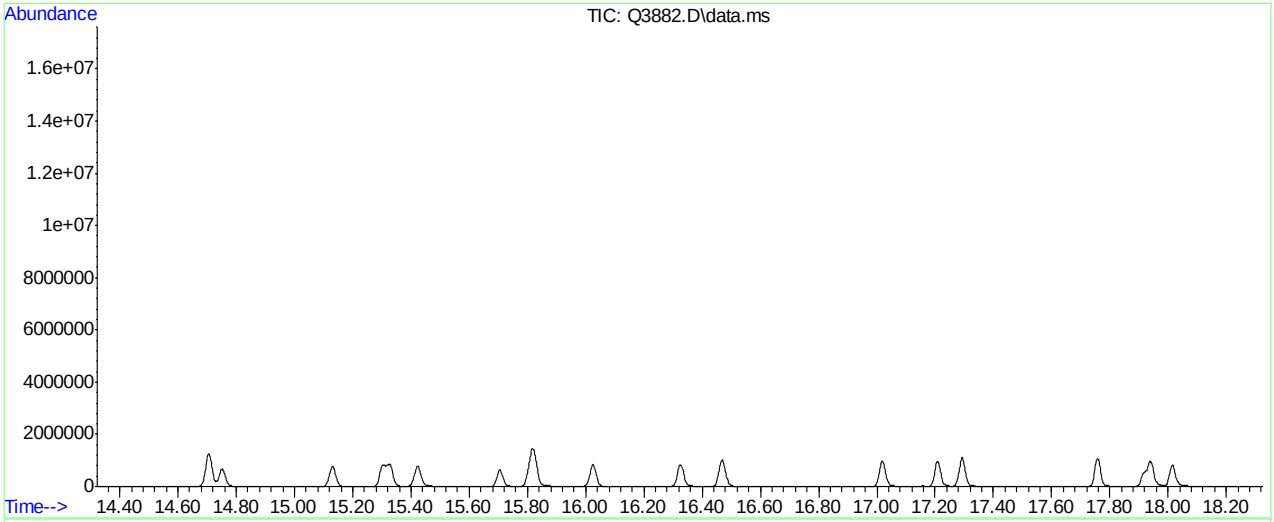
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
127.00	246	136.70	227	151.60	140	207.10	148
127.70	143	140.40	134	154.90	101	217.10	122
127.90	328	140.90	1654	161.00	154	229.50	128
129.20	101	141.40	104	170.00	131	250.80	362
129.70	267	142.90	1946	171.90	258	267.40	327
130.00	189	143.10	538	172.75	519		
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		

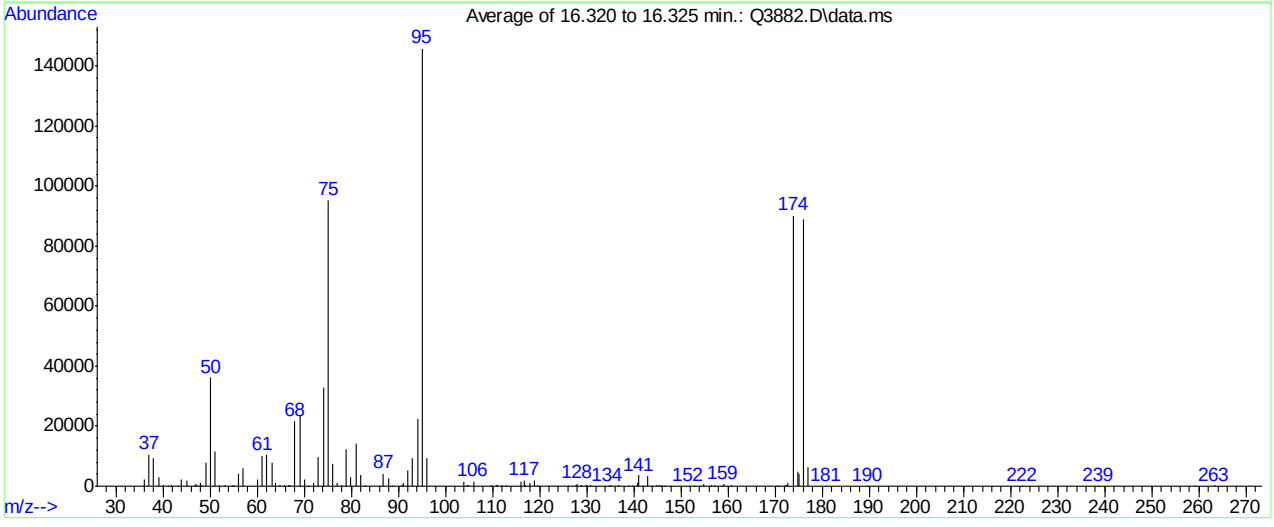
BFB

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

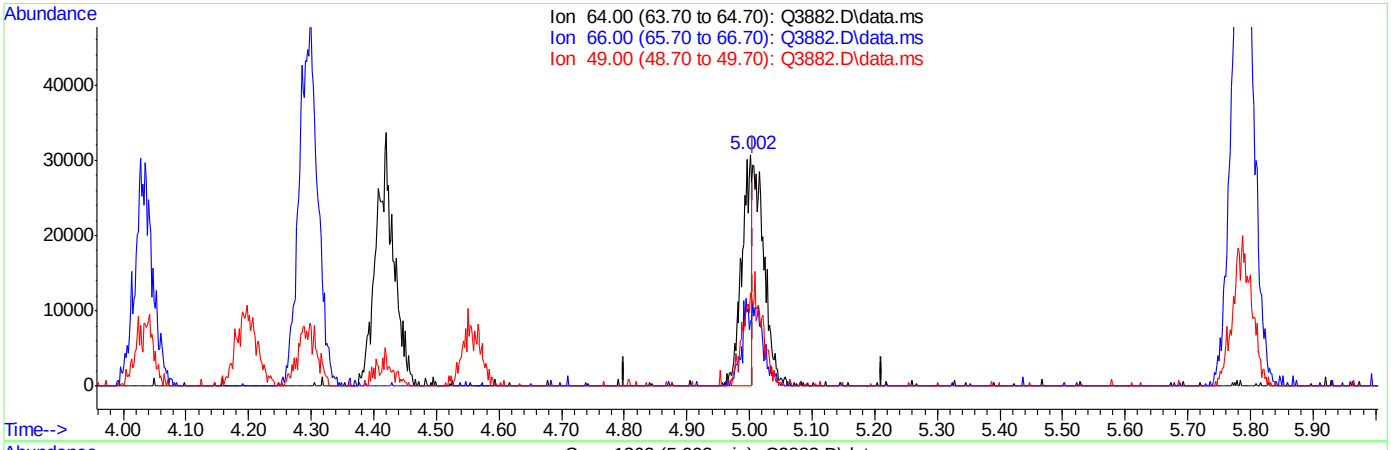
Average of 16.320 to 16.325 min.: Q3882.D\data.ms
CC208-10 (M189)

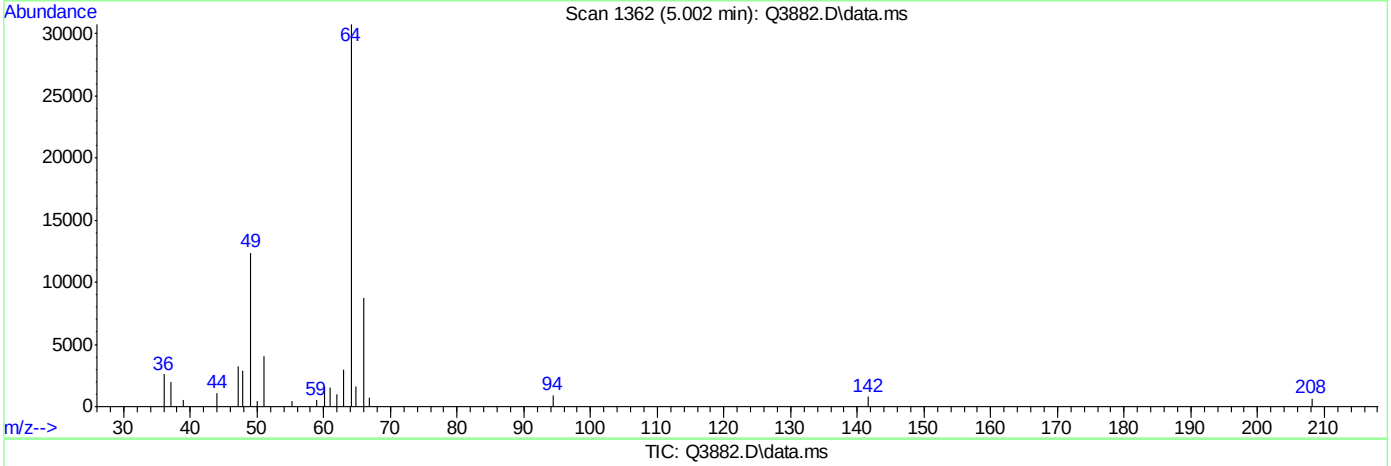
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
136.80	397	145.60	341	157.20	396	175.05	4307
139.00	134	145.80	115	158.60	103	175.95	88914
139.70	146	146.10	104	159.05	711	177.05	6254
140.10	185	146.40	104	160.80	328	180.90	173
140.90	963	147.60	108	170.30	127	189.70	183
141.05	3563	151.70	156	170.90	126	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

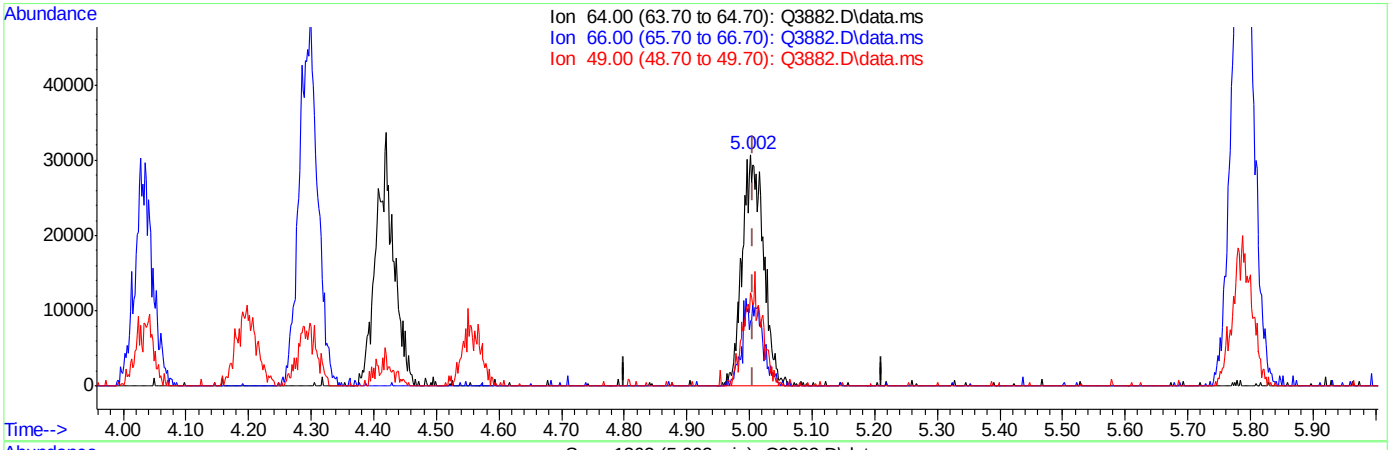
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	38.37
49.00	36.50	83.54#
0.00	0.00	0.00

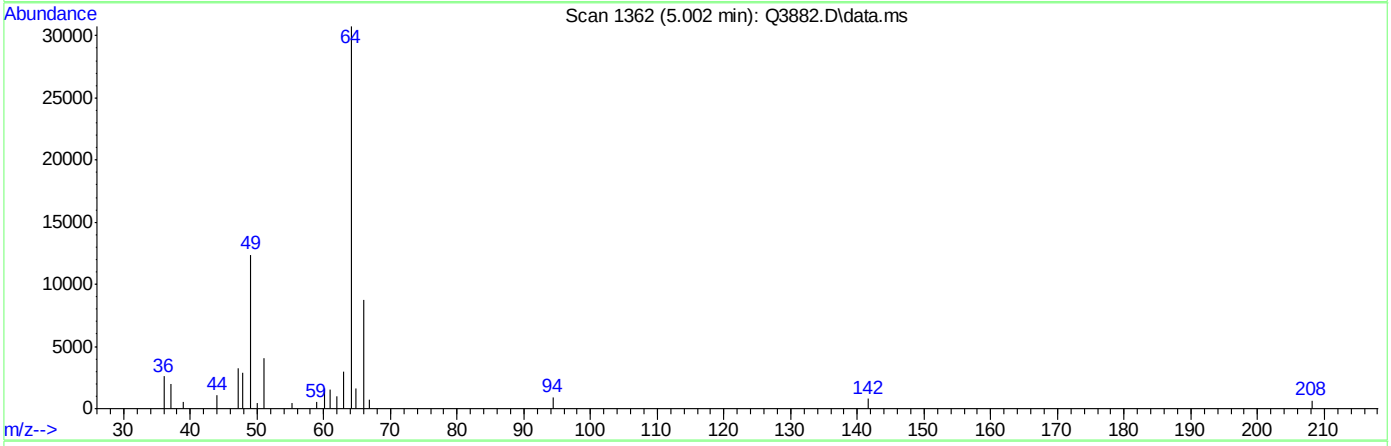
ACCUTEST Laboratories M65960

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

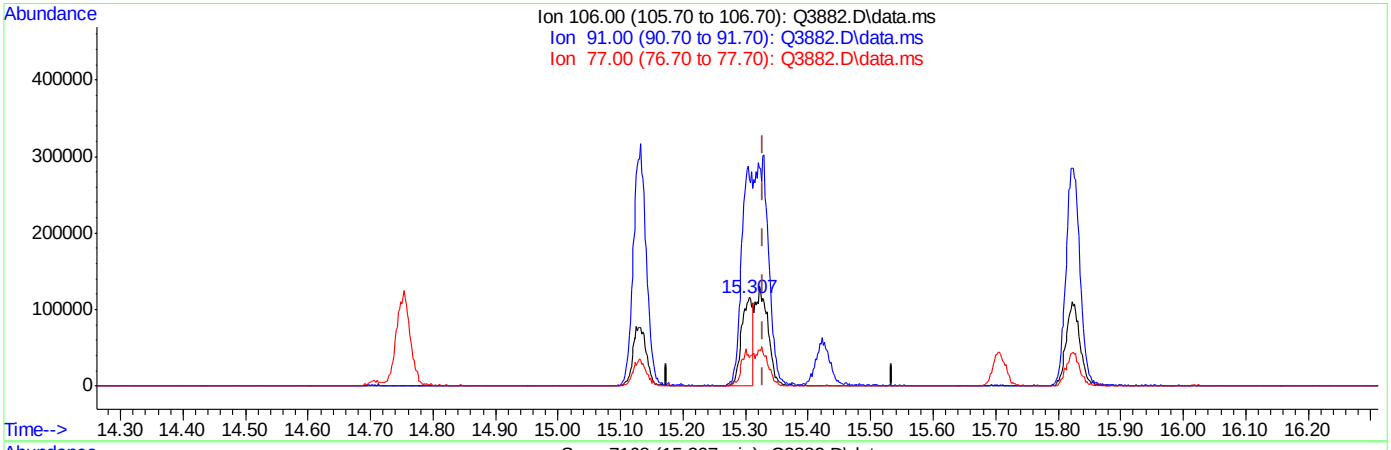
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	17.92
49.00	36.50	39.02
0.00	0.00	0.00

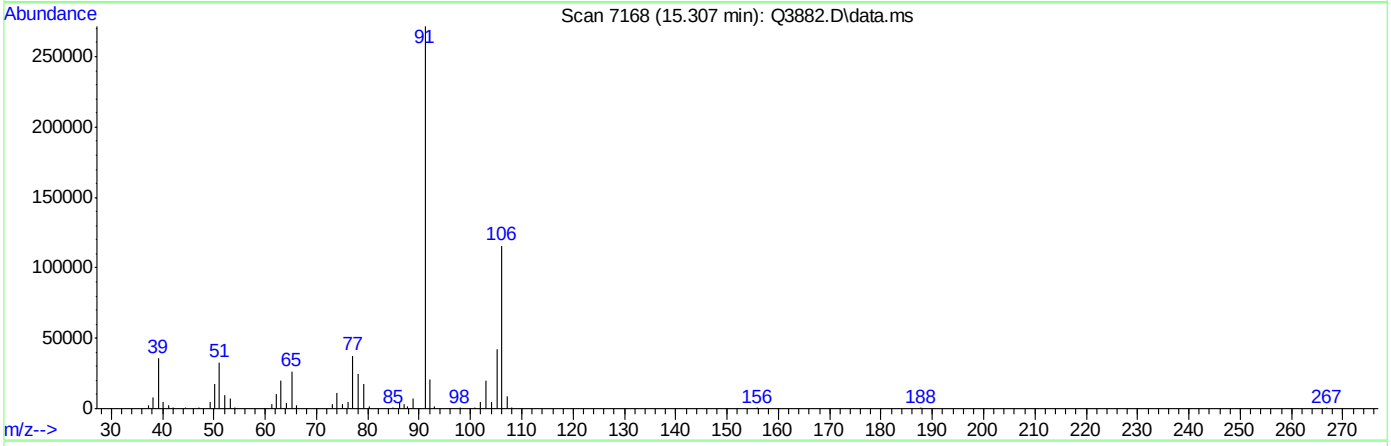
ACCUTEST Laboratories M65960

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

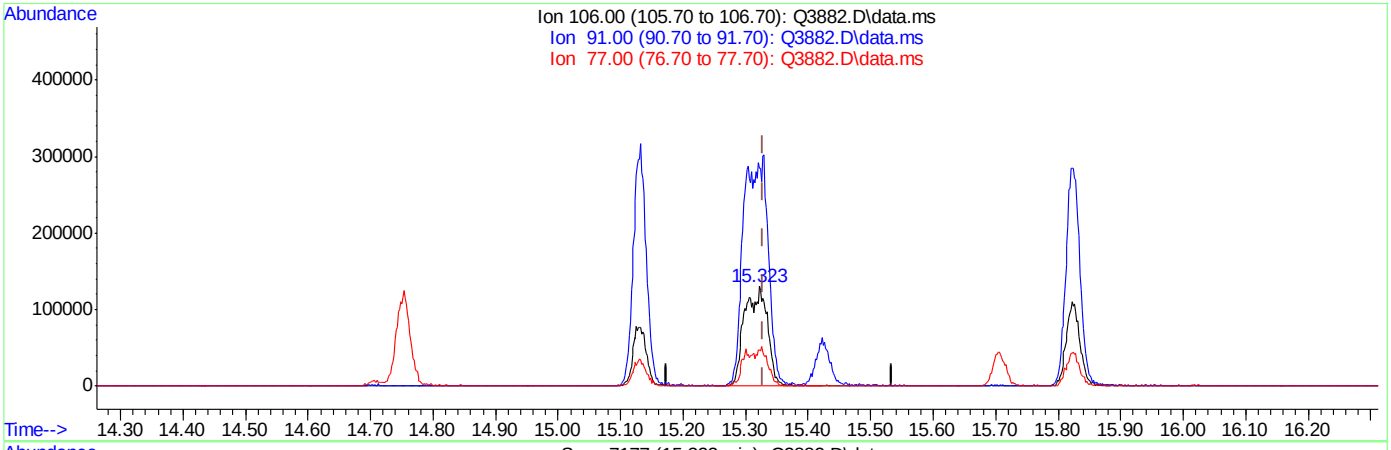
response 145617

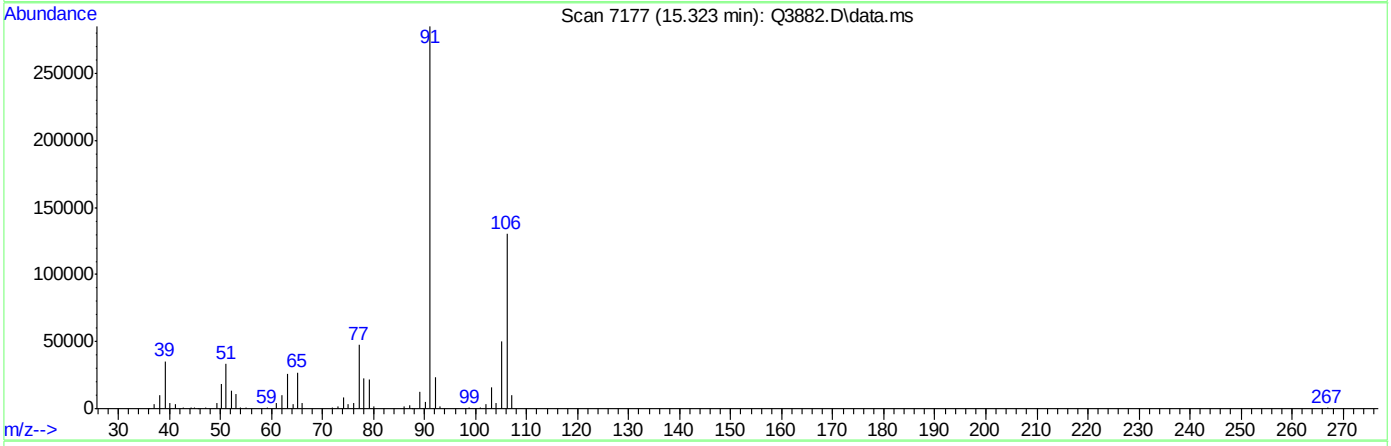
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	234.46
77.00	27.30	32.68
0.00	0.00	0.00

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 06/26/07 15:46

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10728.D
Acq On : 22 Jun 2007 9:26 am
Operator : danat
Sample : ic556-0.5 (m140)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 22 09:58:19 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 09:56:39 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	407073	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1800368	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1560130	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.29	95	487974	5.23	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery	=	104.60%	
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.08	85	78893	0.46	PPBV	99
3) PROPYLENE	4.00	41	10324	0.40	PPBV	87
4) FREON 114	4.34	85	69902	0.45	PPBV	100
5) CHLOROMETHANE	4.25	50	16991	0.45	PPBV	87
6) VINYL CHLORIDE	4.46	62	18061	0.42	PPBV	93
7) 1,3-BUTADIENE	4.60	39	12568m	0.44	PPBV	
8) BROMOMETHANE	4.87	94	24243	0.46	PPBV	98
9) CHLOROETHANE	5.04	64	9345	0.45	PPBV	89
10) TRICHLOROFLUOROMETHANE	5.80	101	85717	0.49	PPBV	98
11) ISOPROPYL ALCOHOL	6.08	45	35483m	0.69	PPBV	
12) ACETONE	5.72	43	38125	0.74	PPBV	96
13) PENTANE	6.15	42	17269	0.47	PPBV	95
14) 1,1-DICHLOROETHYLENE	6.43	96	20894	0.42	PPBV	94
15) CARBON DISULFIDE	6.86	76	62804	0.43	PPBV	85
16) ETHANOL	5.31	45	5785m	0.60	PPBV	
17) BROMOETHENE	5.39	106	21873	0.44	PPBV #	97
18) METHYLENE CHLORIDE	6.55	84	36921	0.57	PPBV	99
19) 3-CHLOROPROPENE	6.66	39	17446	0.53	PPBV	91
20) FREON 113	6.80	151	53415	0.46	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	21367	0.44	PPBV	94
22) TERTIARY BUTYL ALCOHOL	6.67	59	19929m	0.31	PPBV	
23) METHYL TERTIARY BUTYL ETHE	7.78	73	44194	0.52	PPBV	95
24) TETRAHYDROFURAN	9.25	42	11157	0.43	PPBV	80
25) HEXANE	8.64	57	27981	0.52	PPBV	95
26) VINYL ACETATE	7.82	43	25518	0.47	PPBV	86
27) 1,1-DICHLOROETHANE	7.65	63	40264	0.51	PPBV	98
28) METHYL ETHYL KETONE	8.12	43	29314	0.56	PPBV	81
29) cis-1,2-DICHLOROETHYLENE	8.46	96	20452	0.45	PPBV	88
30) ETHYL ACETATE	8.73	43	30782	0.55	PPBV #	100
31) CHLOROFORM	8.74	83	53940	0.50	PPBV	98
32) 1,1,1-TRICHLOROETHANE	9.68	97	61344	0.48	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	68830	0.45	PPBV	98
34) 1,2-DICHLOROETHANE	9.45	62	31111	0.52	PPBV	98
36) BENZENE	10.12	78	51389	0.42	PPBV	99
37) CYCLOHEXANE	10.38	84	18454	0.34	PPBV	99
38) TRICHLOROETHYLENE	11.12	95	26064	0.42	PPBV	97
39) 1,2-DICHLOROPROPANE	10.90	63	16683	0.43	PPBV	97
40) BROMODICHLOROMETHANE	11.09	83	46784	0.43	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	69227	0.39	PPBV	97
42) 1,4-DIOXANE	11.27	88	13447	0.54	PPBV	86
43) HEPTANE	11.36	43	22379	0.41	PPBV	95

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10728.D
Acq On : 22 Jun 2007 9:26 am
Operator : danat
Sample : ic556-0.5 (m140)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 22 09:58:19 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 09:56:39 2007
Response via : Initial Calibration

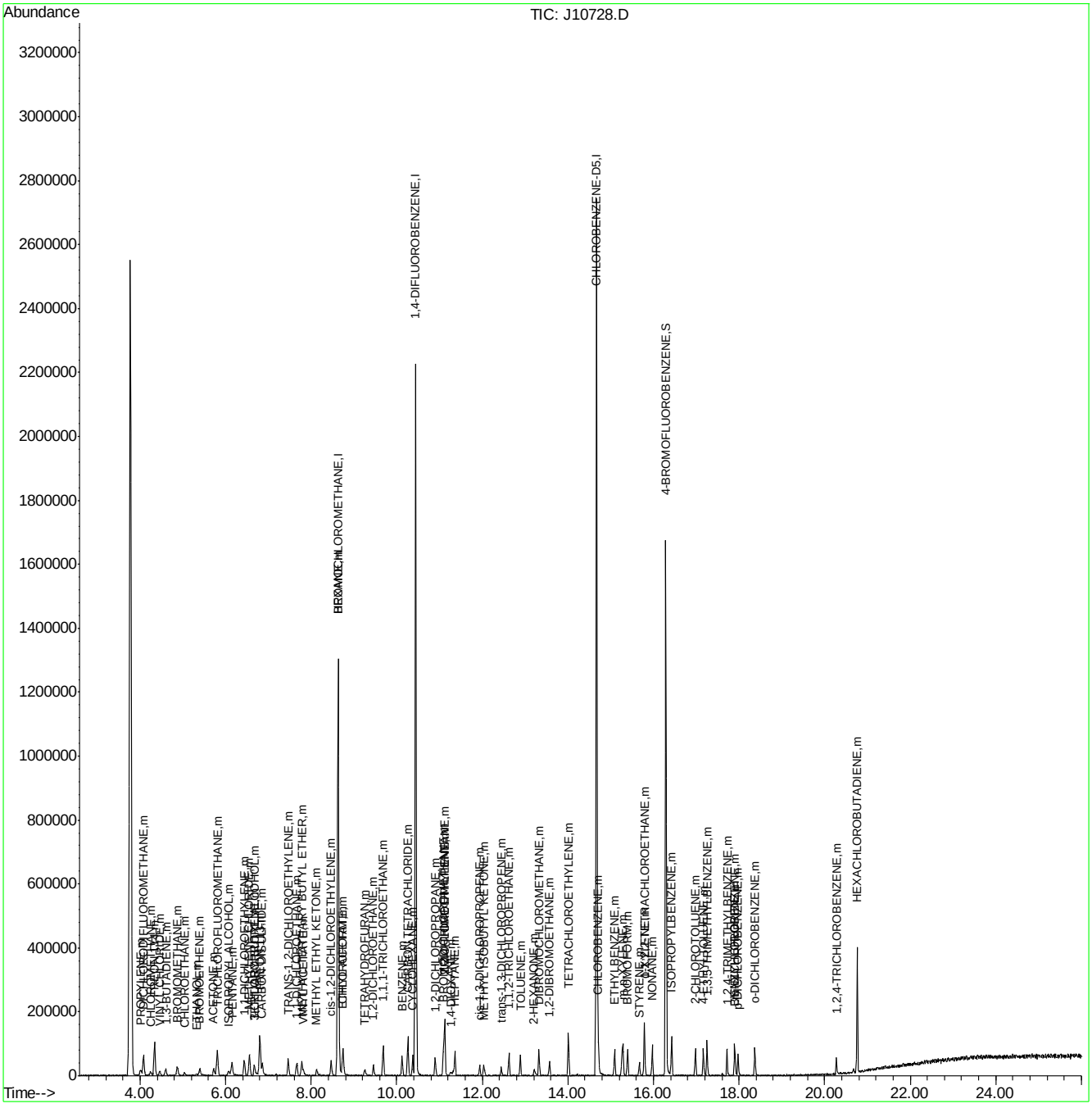
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	12.03	43	24698	0.39	PPBV		95
45) cis-1,3-DICHLOROPROPENE	11.94	75	16844	0.33	PPBV		88
46) TOLUENE	12.89	92	26767	0.36	PPBV		94
47) trans-1,3-DICHLOROPROPENE	12.44	75	14166	0.30	PPBV		95
48) 1,1,2-TRICHLOROETHANE	12.62	83	17057	0.41	PPBV		98
50) 2-HEXANONE	13.22	43	18677	0.35	PPBV		87
51) TETRACHLOROETHYLENE	14.01	164	30612	0.40	PPBV		99
52) DIBROMOCHLOROMETHANE	13.32	129	45123	0.42	PPBV		95
53) 1,2-DIBROMOETHANE	13.57	107	28799	0.39	PPBV		99
54) CHLOROBENZENE	14.71	112	48856	0.40	PPBV		97
55) ETHYLBENZENE	15.09	91	51948	0.35	PPBV		95
56) m,p-XYLENE	15.27	106	44391	0.70	PPBV	#	88
57) o-XYLENE	15.78	106	22211	0.35	PPBV		95
58) STYRENE	15.67	104	20198	0.26	PPBV		96
59) NONANE	15.97	43	24118	0.39	PPBV		96
60) BROMOFORM	15.39	173	41120	0.39	PPBV		99
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	43884	0.45	PPBV		99
63) ISOPROPYLBENZENE	16.42	105	71515	0.40	PPBV		98
64) 2-CHLOROTOLUENE	16.98	91	43609	0.36	PPBV		96
65) 4-ETHYLTOLUENE	17.17	105	47199	0.28	PPBV		98
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	56289	0.35	PPBV		99
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	39940	0.28	PPBV		98
68) m-DICHLOROBENZENE	17.90	146	36865	0.31	PPBV		98
69) BENZYL CHLORIDE	17.89	91	17141	0.20	PPBV		96
70) p-DICHLOROBENZENE	17.97	146	29265	0.26	PPBV		96
71) o-DICHLOROBENZENE	18.37	146	36330	0.35	PPBV		99
72) HEXACHLOROBUTADIENE	20.76	225	63953	0.63	PPBV		98
73) 1,2,4-TRICHLOROBENZENE	20.28	180	16862	0.34	PPBV		96

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10728.D
Acq On : 22 Jun 2007 9:26 am
Operator : danat
Sample : ic556-0.5 (m140)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 22 09:58:19 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 09:56:39 2007
Response via : Initial Calibration



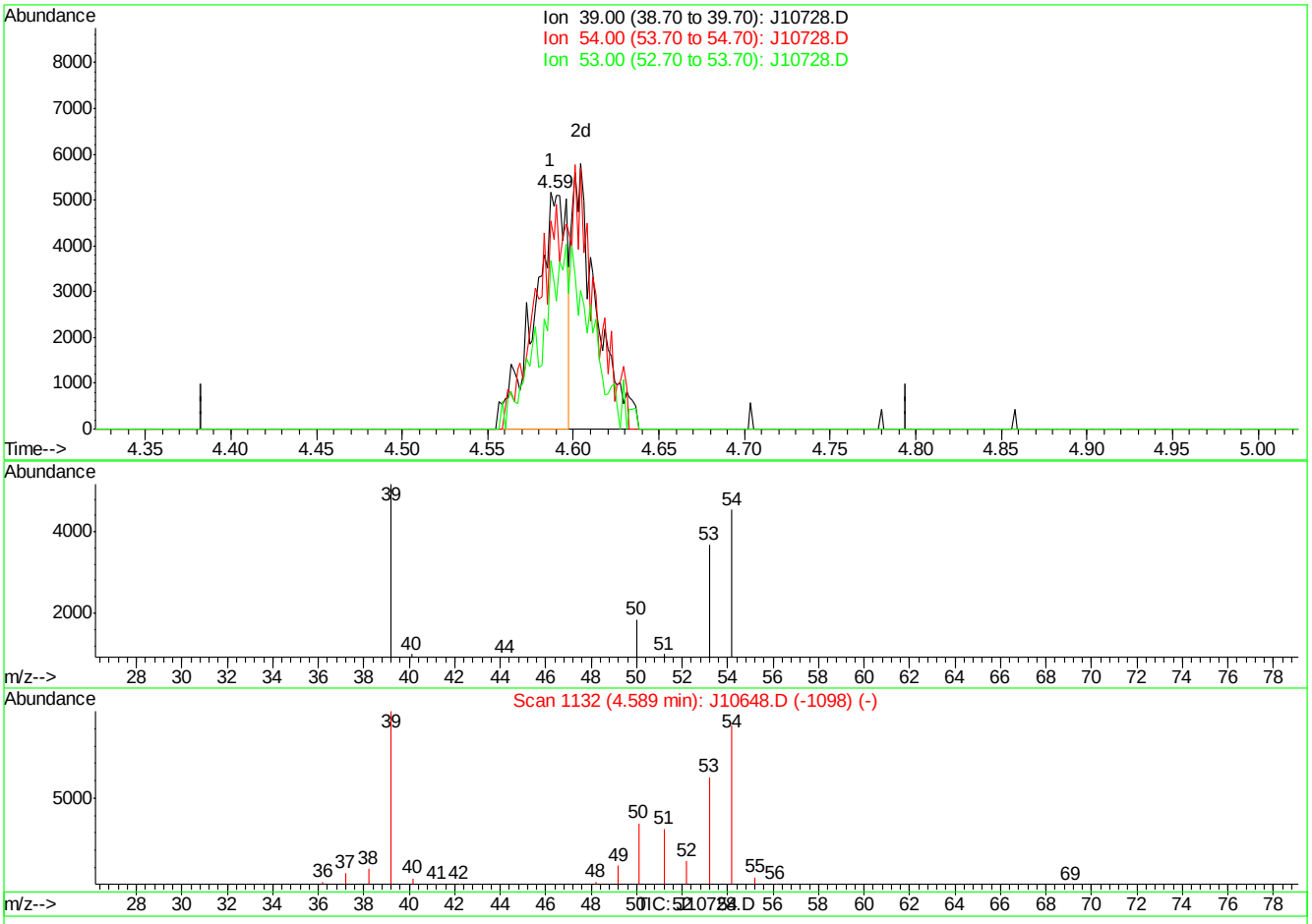
ACCUTEST Laboratories
M65960

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration



(7) 1,3-BUTADIENE (m)

4.59min 0.24PPBV

response 6837

Ion	Exp%	Act%
39.00	100	100
54.00	94.20	91.52
53.00	65.20	0.00#
0.00	0.00	0.00

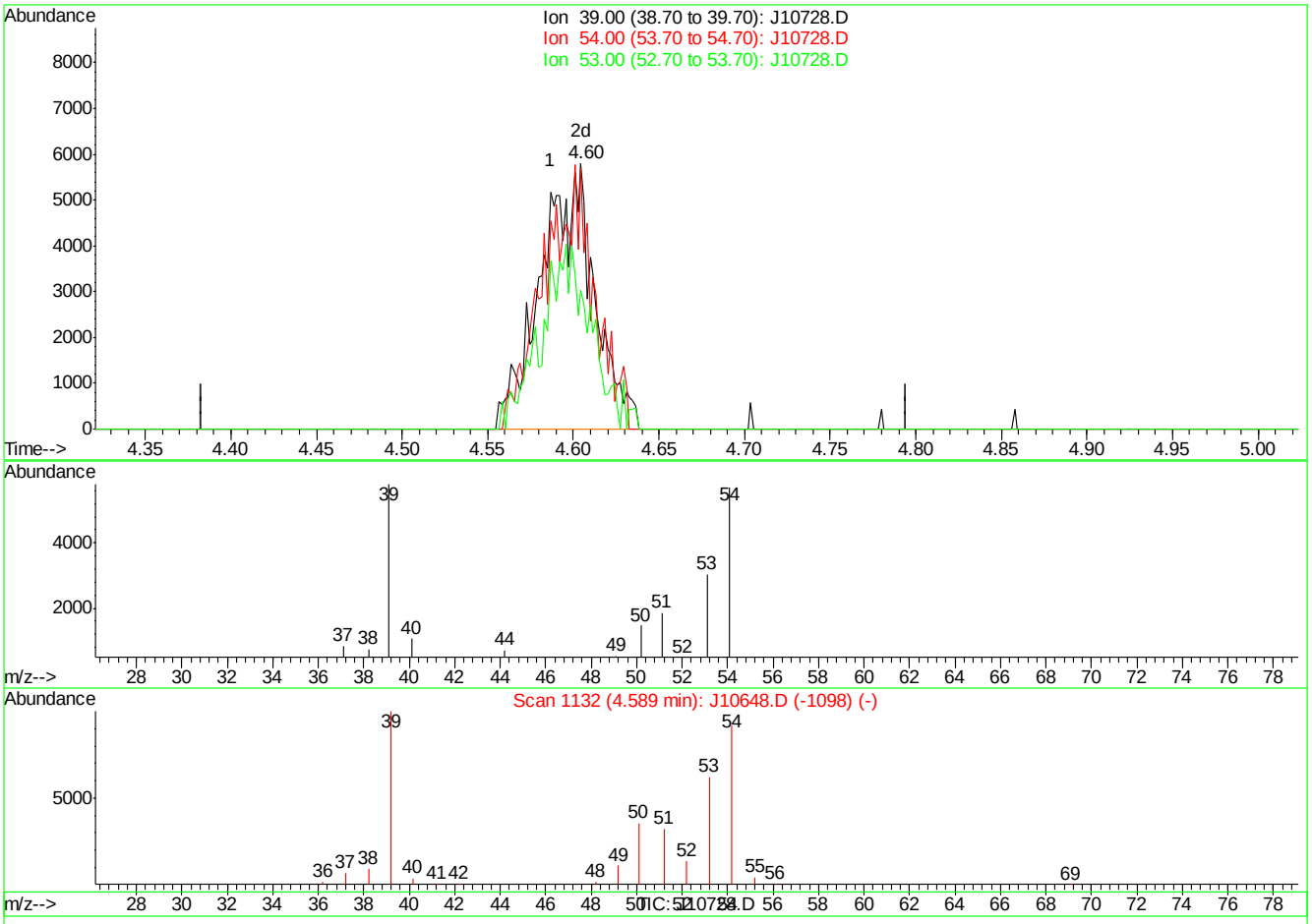
J10728.D J062207T.M Fri Jun 22 09:57:16 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration



(7) 1,3-BUTADIENE (m)

4.60min 0.44PPBV m

response 12568

Ion	Exp%	Act%
39.00	100	100
54.00	94.20	49.79#
53.00	65.20	0.00#
0.00	0.00	0.00

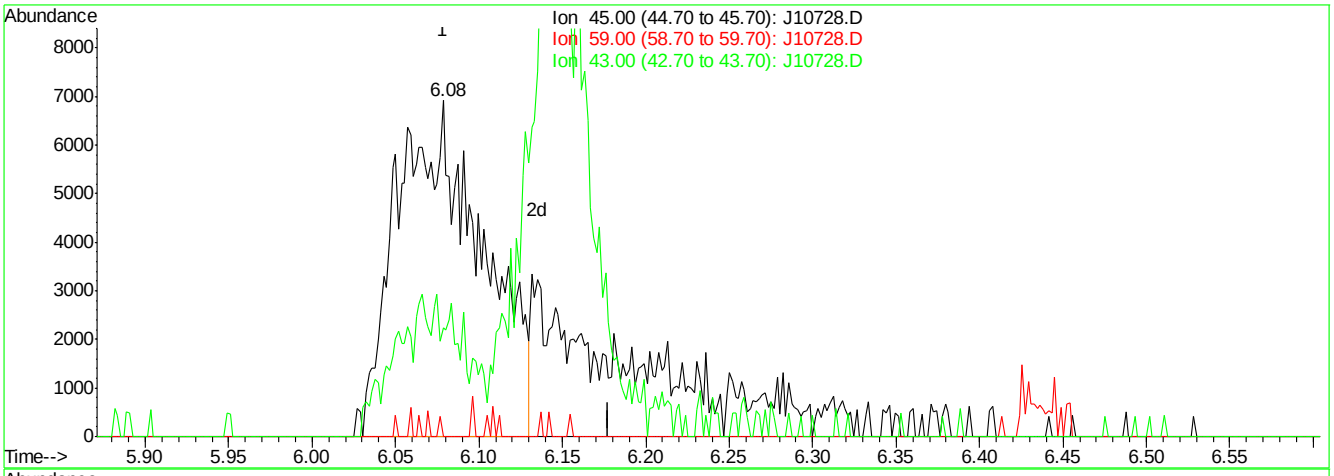
J10728.D J062207T.M Fri Jun 22 09:57:20 2007

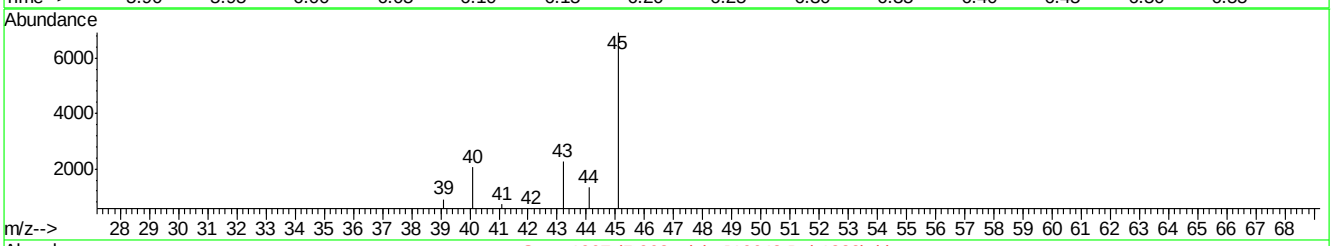
Quantitation Report (Qedit)

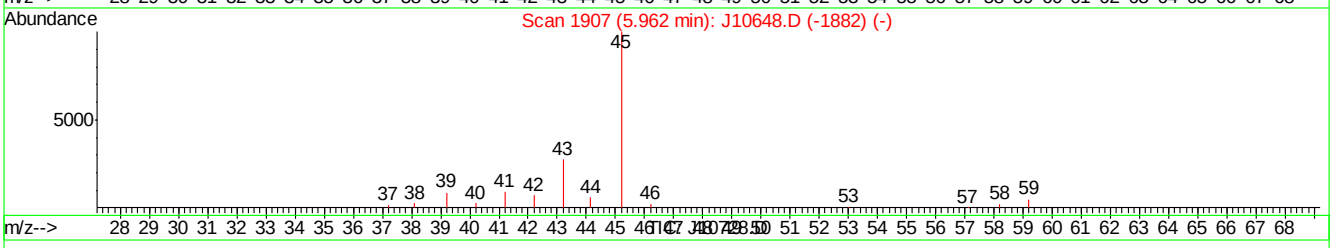
Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.08min 0.48PPBV

response 24576

Ion	Exp%	Act%
45.00	100	100
59.00	5.10	0.00
43.00	27.70	32.51
0.00	0.00	0.00

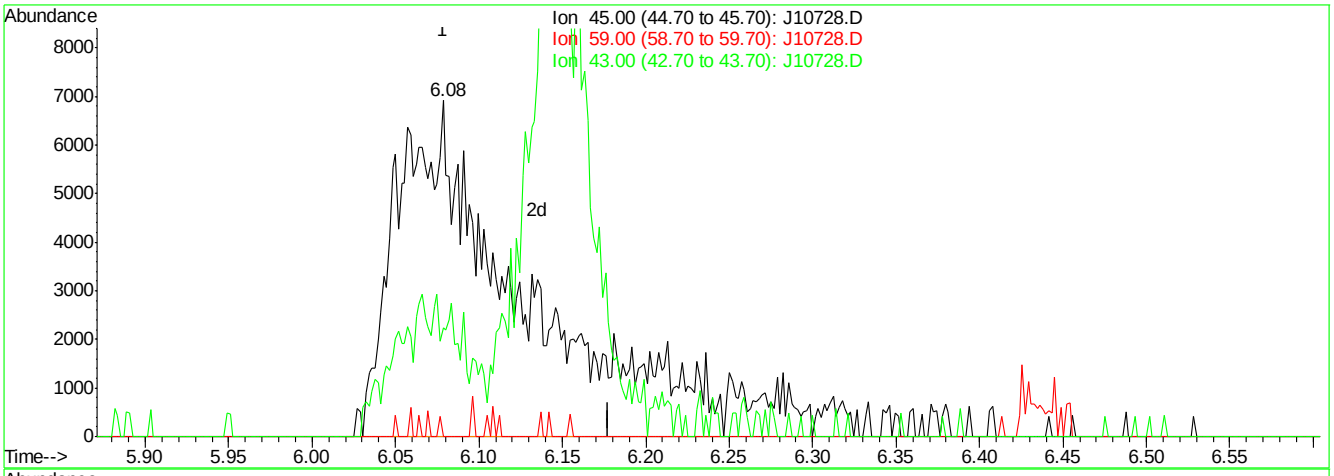
J10728.D J062207T.M Fri Jun 22 09:57:34 2007

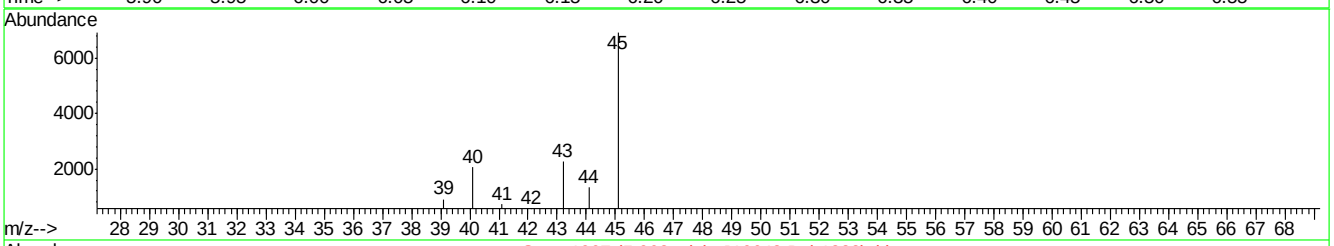
Quantitation Report (Qedit)

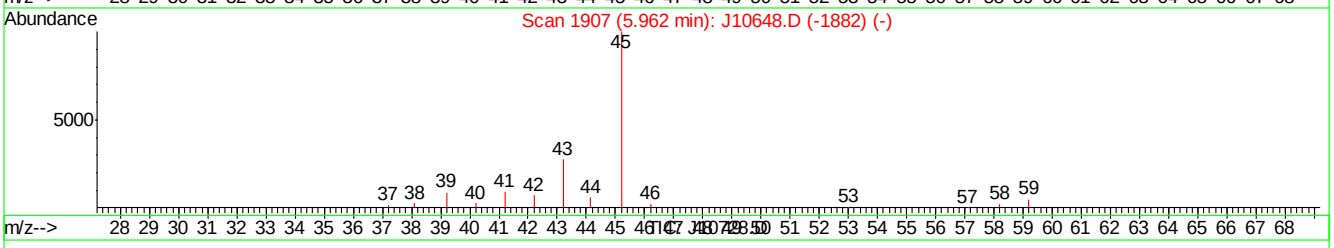
Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.08min 0.69PPBV m

response 35483

Ion	Exp%	Act%
45.00	100	100
59.00	5.10	0.00
43.00	27.70	32.51
0.00	0.00	0.00

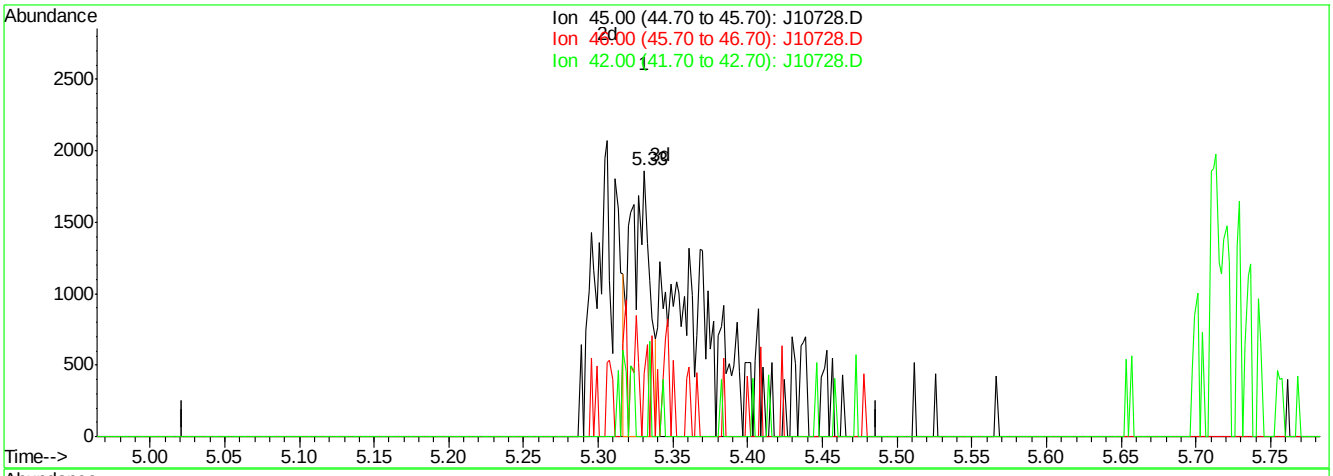
J10728.D J062207T.M Fri Jun 22 09:57:40 2007

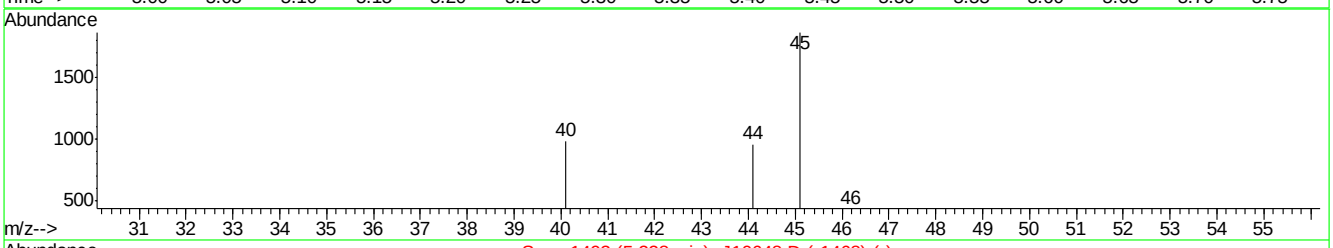
Quantitation Report (Qedit)

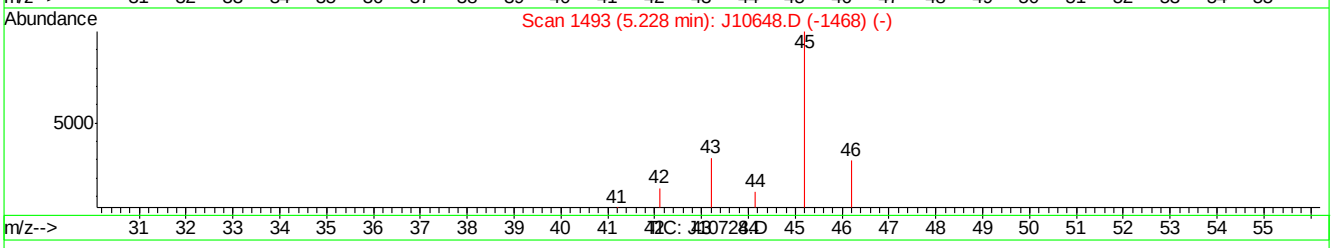
Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.33min 0.17PPBV

response 1620

Ion	Exp%	Act%
45.00	100	100
46.00	33.70	26.85
42.00	5.10	4.38
0.00	0.00	0.00

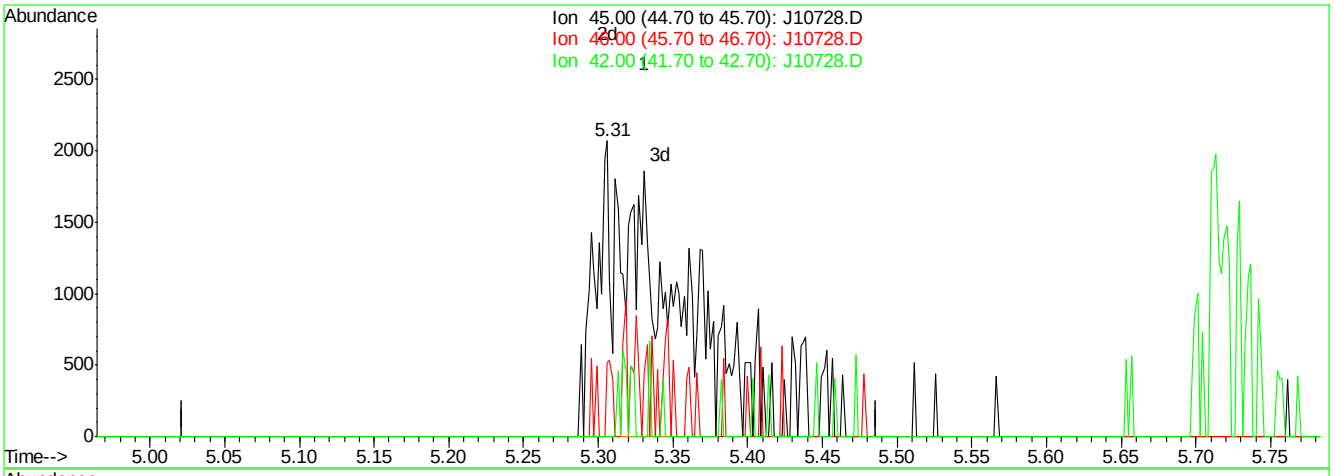
J10728.D J062207T.M Fri Jun 22 09:57:50 2007

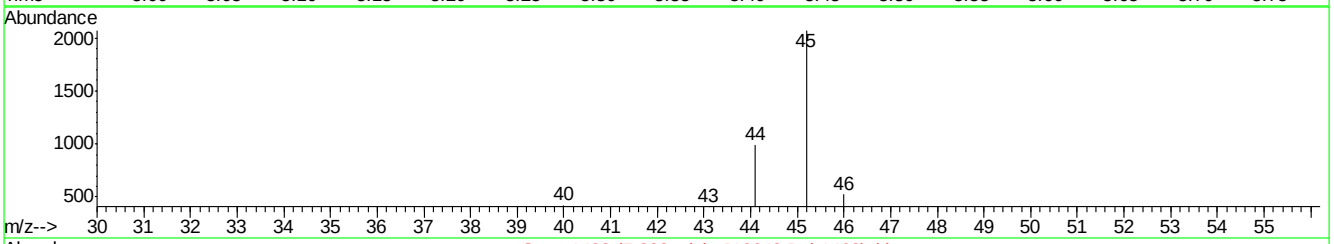
Quantitation Report (Qedit)

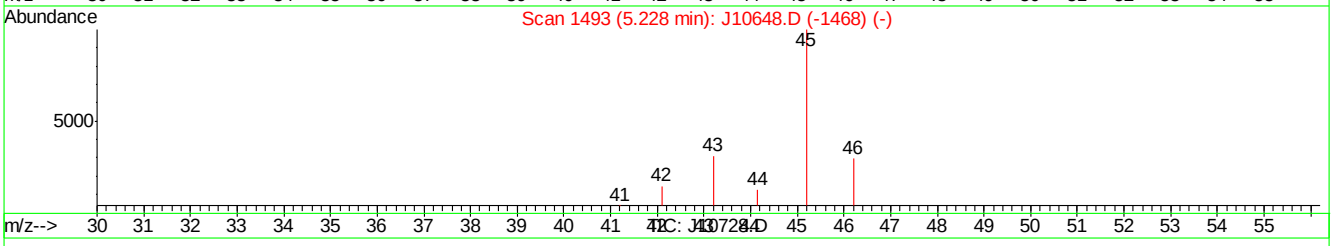
Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.31min 0.60PPBV m

response 5785

Ion	Exp%	Act%
45.00	100	100
46.00	33.70	7.52#
42.00	5.10	1.23
0.00	0.00	0.00

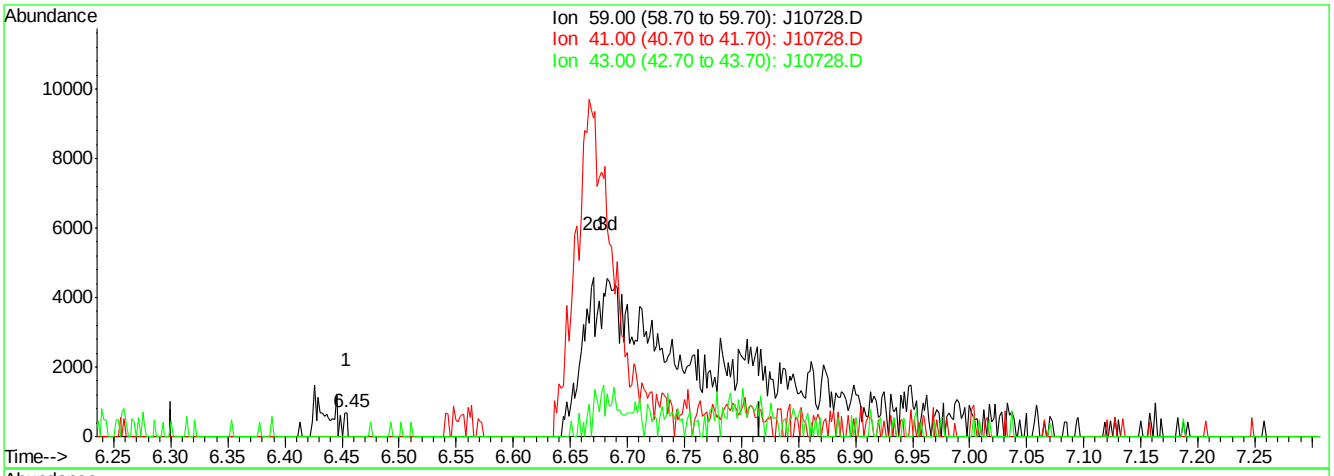
J10728.D J062207T.M Fri Jun 22 09:58:02 2007

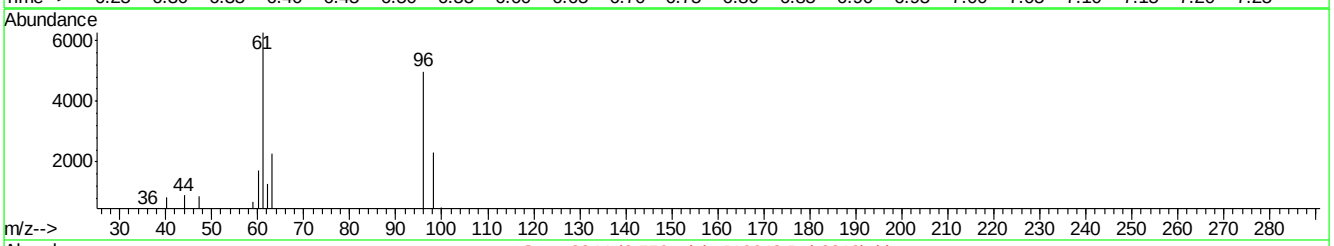
Quantitation Report (Qedit)

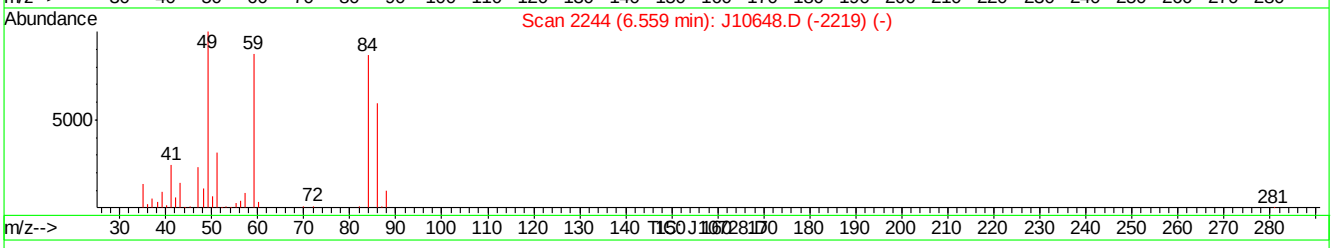
Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(22) TERTIARY BUTYL ALCOHOL (m)

6.45min 0.00PPBV

response 143

Ion	Exp%	Act%
59.00	100	100
41.00	24.40	0.00#
43.00	18.50	0.00
0.00	0.00	0.00

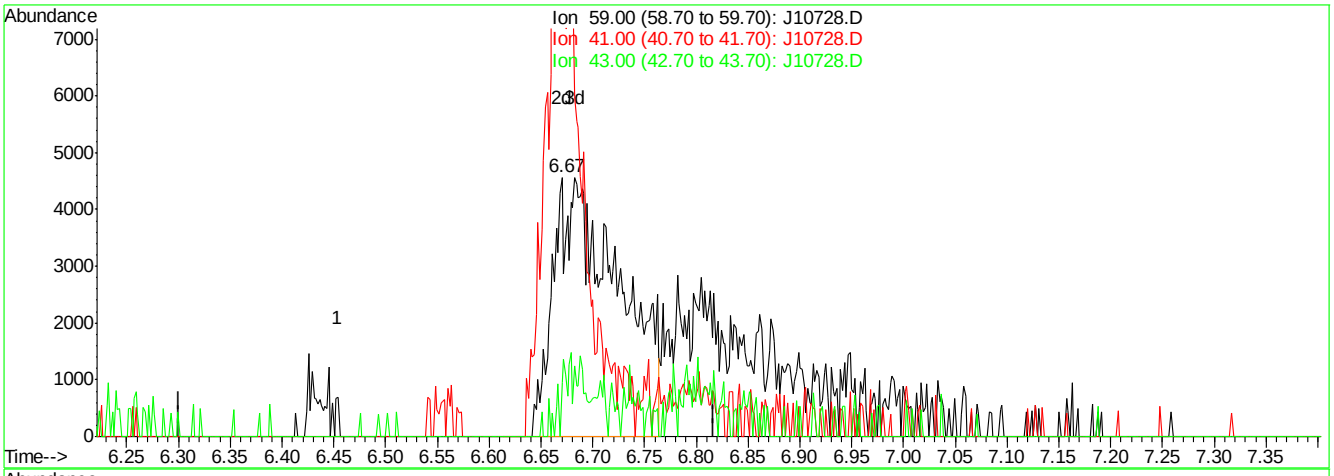
J10728.D J062207T.M Fri Jun 22 09:58:14 2007

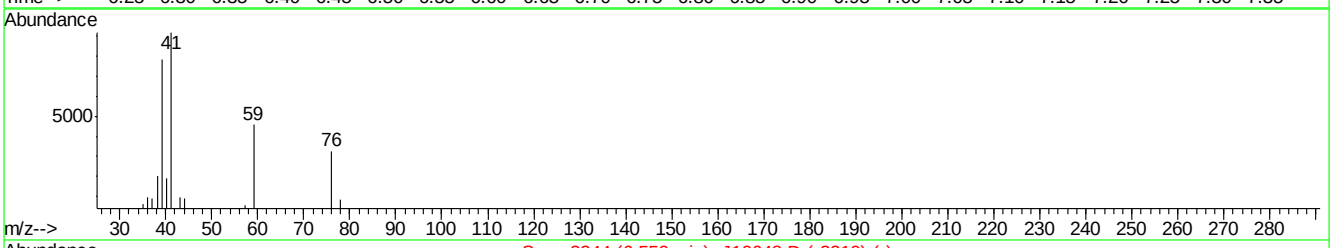
Quantitation Report (Qedit)

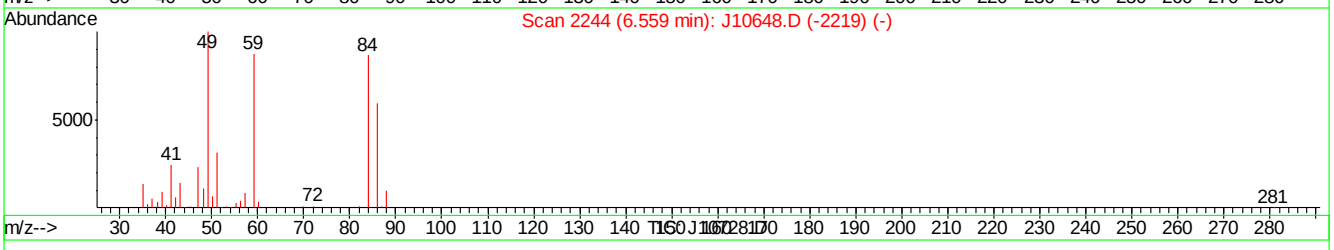
Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(22) TERTIARY BUTYL ALCOHOL (m)

6.67min 0.31PPBV m

response 19929

Ion	Exp%	Act%
59.00	100	100
41.00	24.40	0.00#
43.00	18.50	0.00
0.00	0.00	0.00

J10728.D J062207T.M Fri Jun 22 09:58:33 2007

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
06/26/07 15:46

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10729.D
Acq On : 22 Jun 2007 10:16 am
Operator : danat
Sample : ic556-0.2 (m140)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 22 10:49:25 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 09:56:39 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	376183	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1706067	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1365497	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	383012	4.69	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 93.80%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.08	85	24671	0.16	PPBV	96
4) FREON 114	4.34	85	21275	0.15	PPBV	98
5) CHLOROMETHANE	4.25	50	5206	0.15	PPBV	77
6) VINYL CHLORIDE	4.46	62	4913	0.12	PPBV #	80
8) BROMOMETHANE	4.88	94	6807m	0.14	PPBV	
9) CHLOROETHANE	5.03	64	2240	0.12	PPBV #	64
10) TRICHLOROFLUOROMETHANE	5.81	101	25304	0.16	PPBV	94
12) ACETONE	5.75	43	12042	0.25	PPBV	80
13) PENTANE	6.15	42	5222m	0.15	PPBV	
14) 1,1-DICHLOROETHYLENE	6.43	96	6473	0.14	PPBV #	91
15) CARBON DISULFIDE	6.86	76	19877	0.15	PPBV	91
17) BROMOETHENE	5.40	106	5811	0.13	PPBV #	93
18) METHYLENE CHLORIDE	6.56	84	14706	0.25	PPBV	95
20) FREON 113	6.80	151	15623	0.15	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.47	96	5672	0.13	PPBV	93
23) METHYL TERTIARY BUTYL ETHE	7.81	73	10568	0.14	PPBV #	66
25) HEXANE	8.63	57	9190	0.19	PPBV	88
26) VINYL ACETATE	7.84	43	7066	0.14	PPBV	77
27) 1,1-DICHLOROETHANE	7.66	63	10900	0.15	PPBV	80
28) METHYL ETHYL KETONE	8.17	43	7880	0.16	PPBV #	52
29) cis-1,2-DICHLOROETHYLENE	8.46	96	5534	0.13	PPBV	93
30) ETHYL ACETATE	8.64	43	6699	0.13	PPBV #	100
31) CHLOROFORM	8.74	83	15382	0.16	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.68	97	16085	0.14	PPBV	97
33) CARBON TETRACHLORIDE	10.26	117	21091	0.15	PPBV	98
34) 1,2-DICHLOROETHANE	9.46	62	8105	0.15	PPBV	95
36) BENZENE	10.12	78	12752	0.11	PPBV	89
38) TRICHLOROETHYLENE	11.11	95	6572	0.11	PPBV	95
39) 1,2-DICHLOROPROPANE	10.90	63	4658	0.13	PPBV	87
40) BROMODICHLOROMETHANE	11.09	83	12369	0.12	PPBV	96
46) TOLUENE	12.88	92	6529	0.09	PPBV	96
48) 1,1,2-TRICHLOROETHANE	12.62	83	4371	0.11	PPBV	89
51) TETRACHLOROETHYLENE	14.01	164	8917	0.13	PPBV	98
52) DIBROMOCHLOROMETHANE	13.32	129	11396	0.12	PPBV	99
53) 1,2-DIBROMOETHANE	13.57	107	6271	0.10	PPBV #	89
54) CHLOROBENZENE	14.71	112	12698	0.12	PPBV	89
56) m,p-XYLENE	15.28	106	8255m	0.15	PPBV	
60) BROMOFORM	15.39	173	9997	0.11	PPBV	91
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	8771	0.10	PPBV	97

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10729.D
Acq On : 22 Jun 2007 10:16 am
Operator : danat
Sample : ic556-0.2 (m140)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 22 10:49:25 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 09:56:39 2007
Response via : Initial Calibration

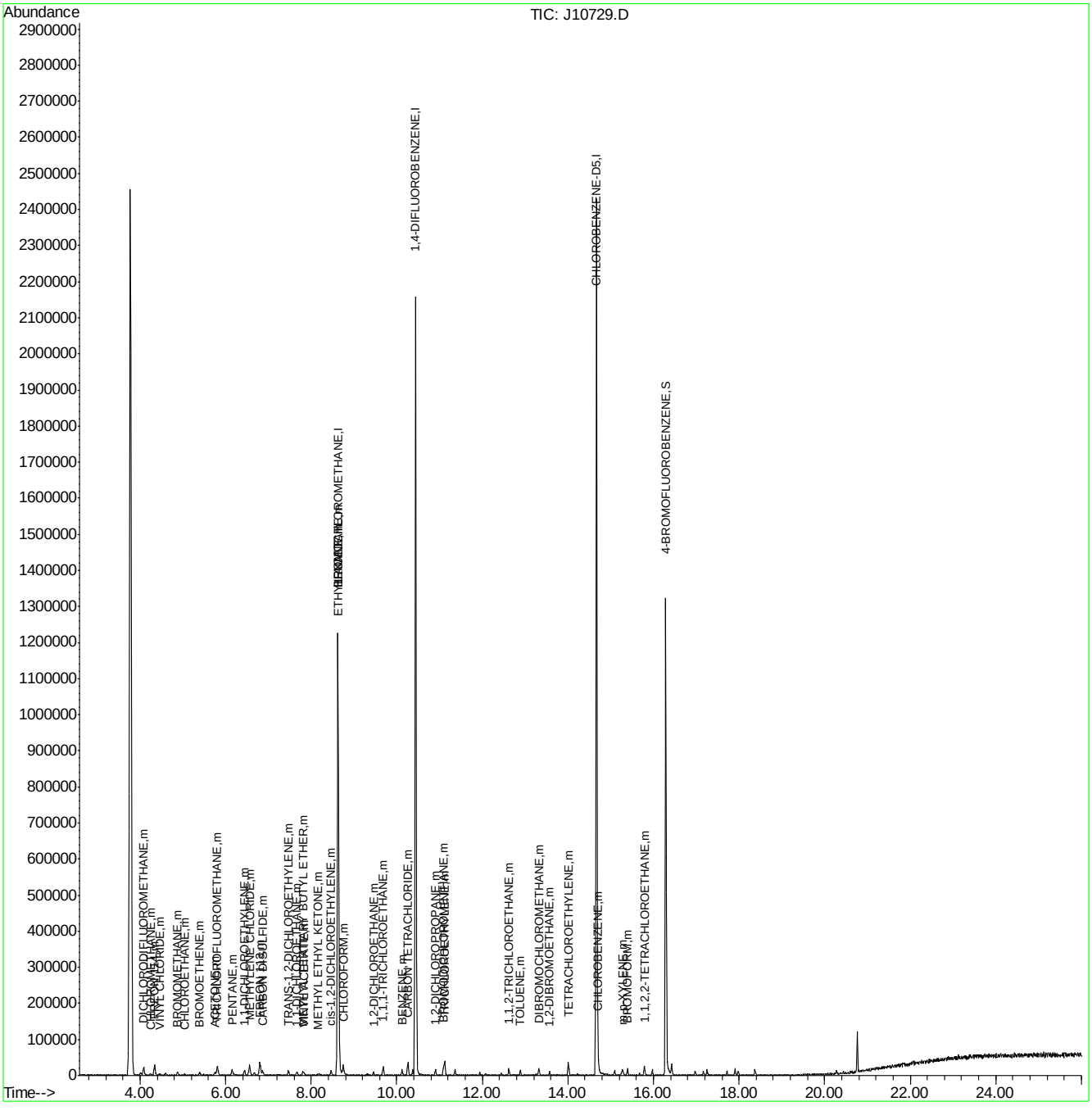
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10729.D
Acq On : 22 Jun 2007 10:16 am
Operator : danat
Sample : ic556-0.2 (m140)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 22 10:49:25 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 09:56:39 2007
Response via : Initial Calibration



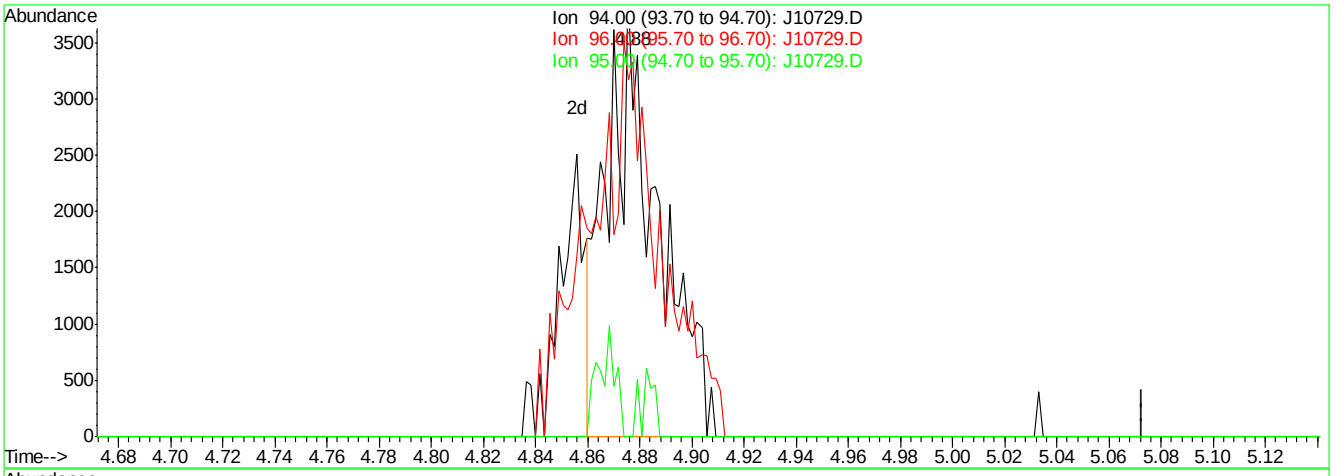
J062207T.M Fri Jun 22 13:37:16 2007 Page: 3

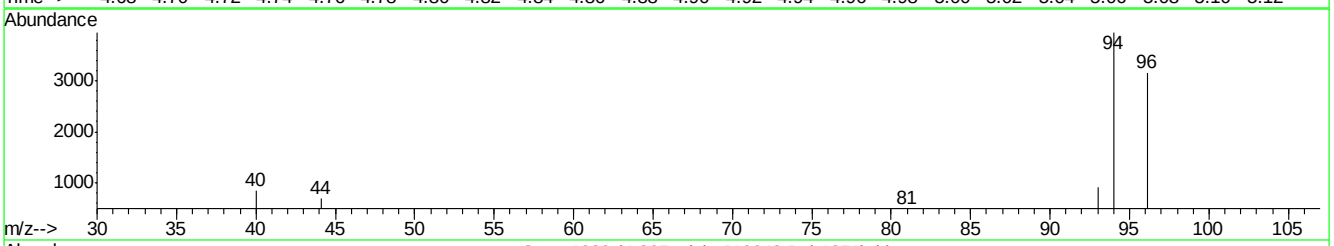
Quantitation Report (Qedit)

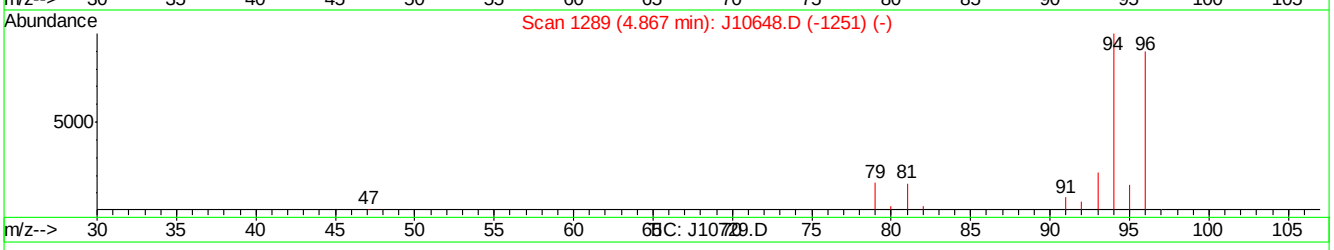
Data File : C:\MSDCHEM\1\DATA\J10729.D Vial: 1
Acq On : 22 Jun 2007 10:16 am Operator: danat
Sample : ic556-0.2 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 10:46:14 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(8) BROMOMETHANE (m)

4.88min 0.11PPBV

response 5285

Ion	Exp%	Act%
94.00	100	100
96.00	93.70	124.18#
95.00	15.50	8.55
0.00	0.00	0.00

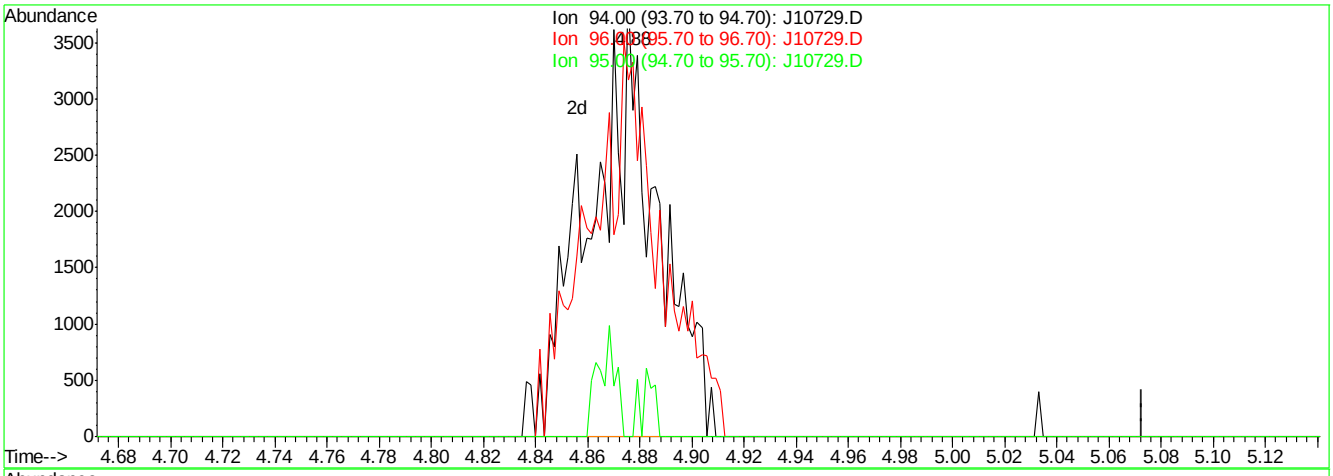
J10729.D J062207T.M Fri Jun 22 10:46:55 2007

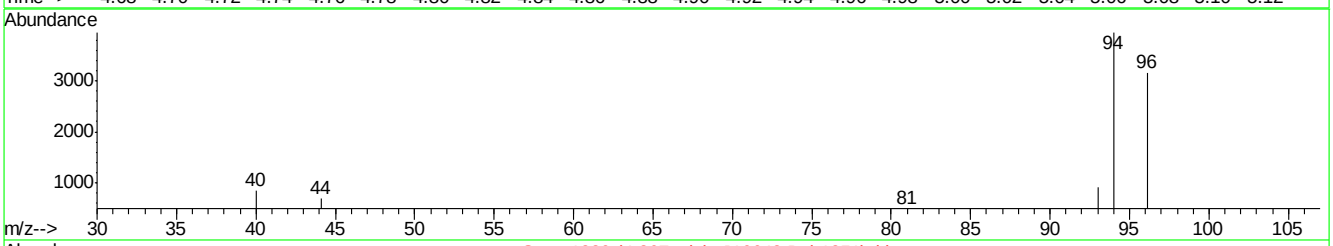
Quantitation Report (Qedit)

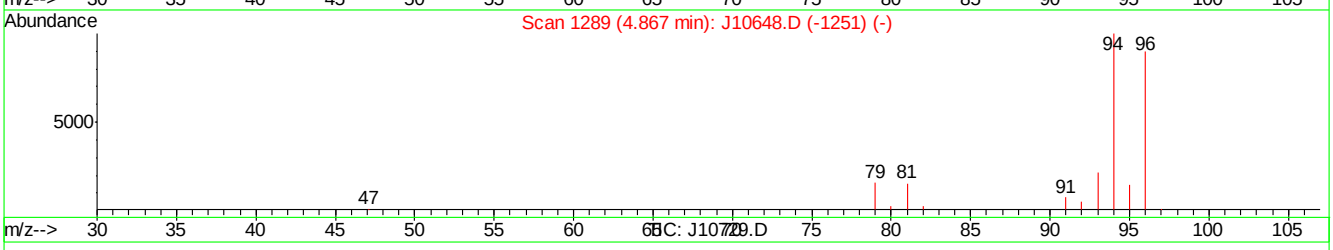
Data File : C:\MSDCHEM\1\DATA\J10729.D Vial: 1
Acq On : 22 Jun 2007 10:16 am Operator: danat
Sample : ic556-0.2 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 10:46:14 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(8) BROMOMETHANE (m)

4.88min 0.14PPBV m

response 6807

Ion	Exp%	Act%
94.00	100	100
96.00	93.70	96.42
95.00	15.50	6.64
0.00	0.00	0.00

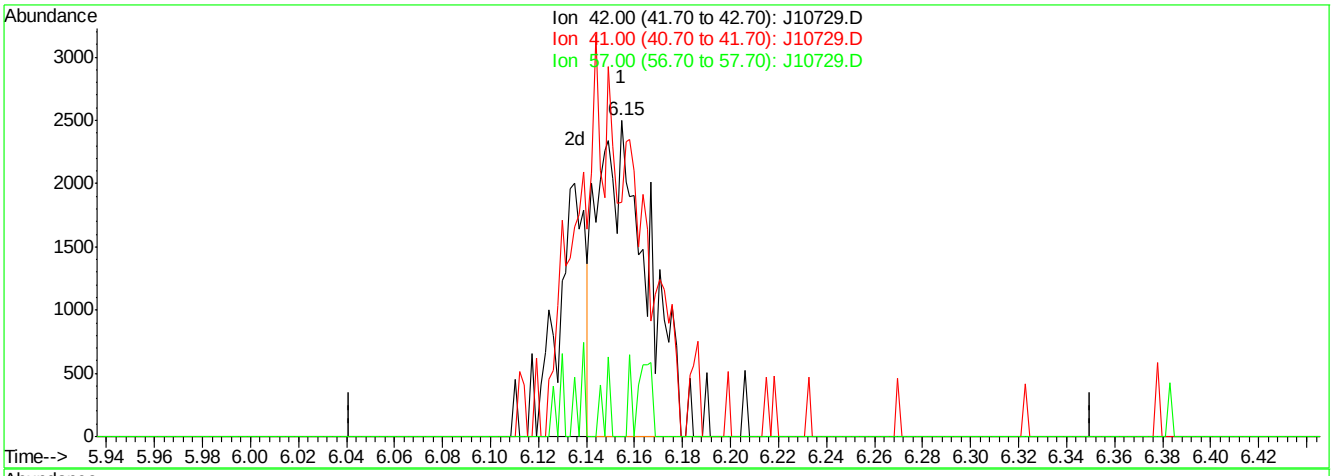
J10729.D J062207T.M Fri Jun 22 10:47:01 2007

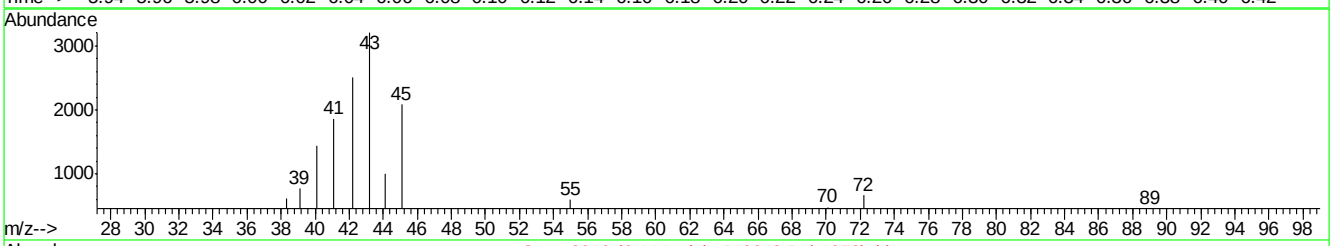
Quantitation Report (Qedit)

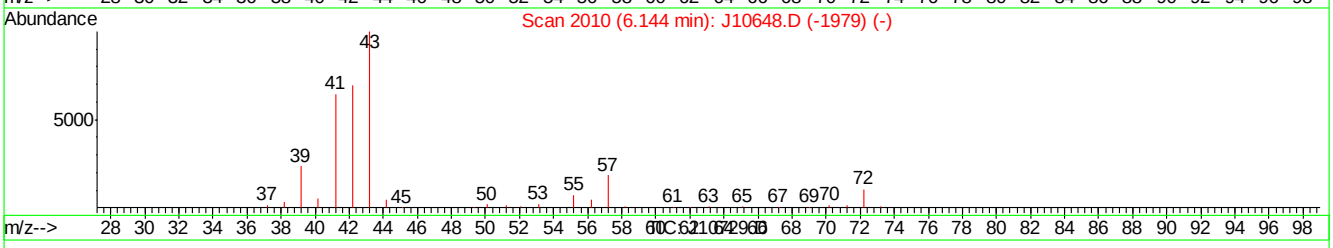
Data File : C:\MSDCHEM\1\DATA\J10729.D Vial: 1
Acq On : 22 Jun 2007 10:16 am Operator: danat
Sample : ic556-0.2 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 10:46:14 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(13) PENTANE (m)

6.15min 0.11PPBV

response 3652

Ion	Exp%	Act%
42.00	100	100
41.00	95.90	149.21#
57.00	25.60	8.08
0.00	0.00	0.00

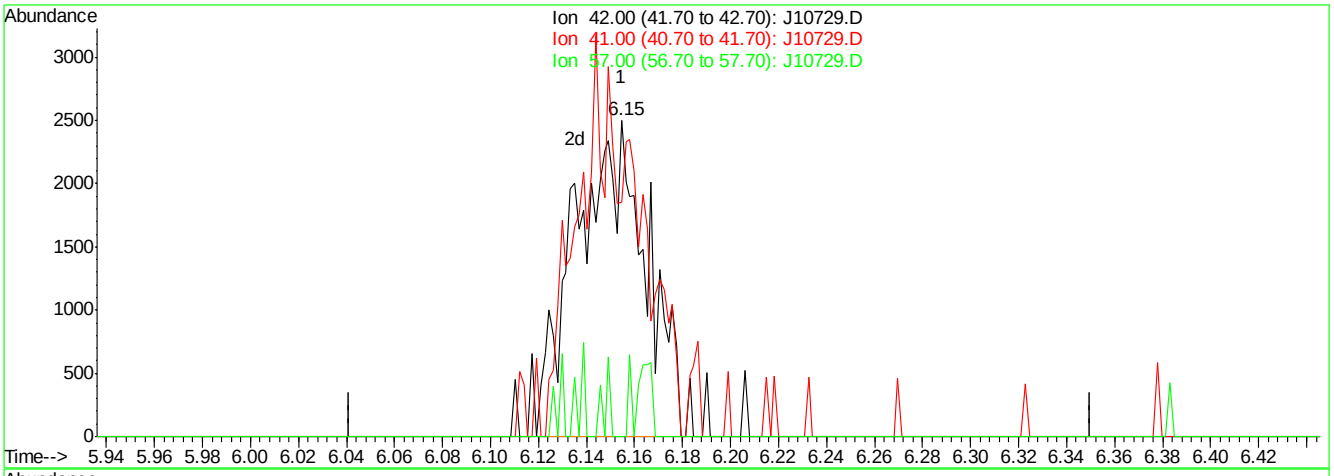
J10729.D J062207T.M Fri Jun 22 10:47:16 2007

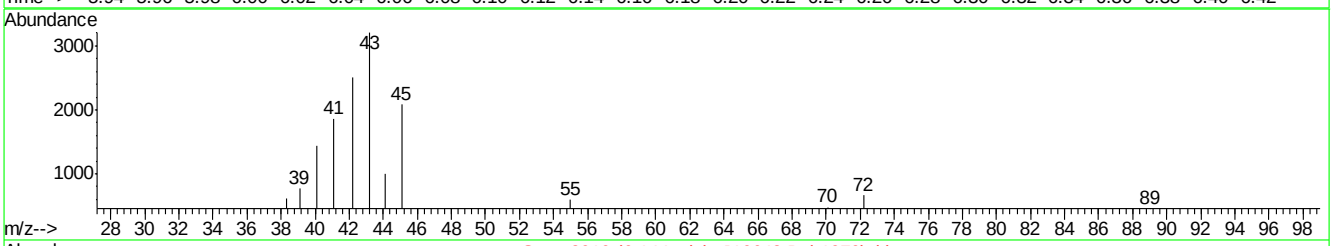
Quantitation Report (Qedit)

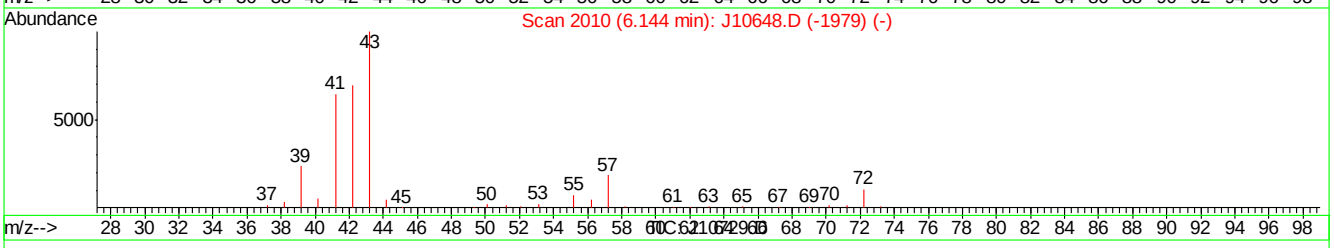
Data File : C:\MSDCHEM\1\DATA\J10729.D Vial: 1
Acq On : 22 Jun 2007 10:16 am Operator: danat
Sample : ic556-0.2 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 10:46:14 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(13) PENTANE (m)

6.15min 0.15PPBV m

response 5222

Ion	Exp%	Act%
42.00	100	100
41.00	95.90	104.35
57.00	25.60	5.65
0.00	0.00	0.00

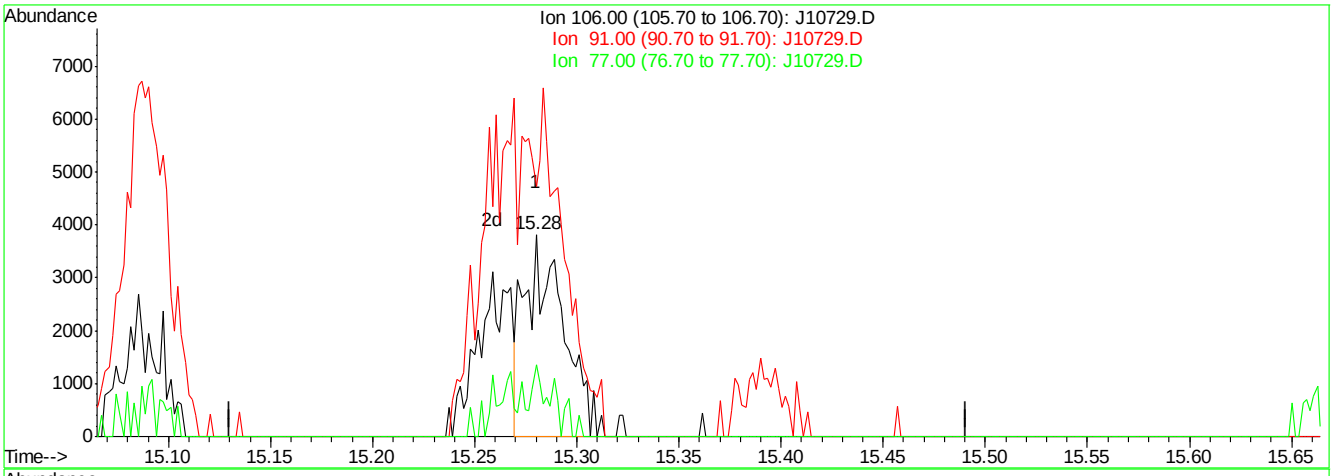
J10729.D J062207T.M Fri Jun 22 10:47:21 2007

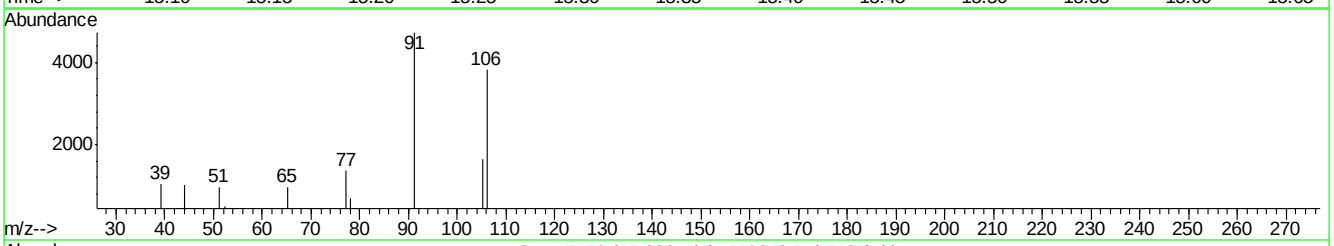
Quantitation Report (Qedit)

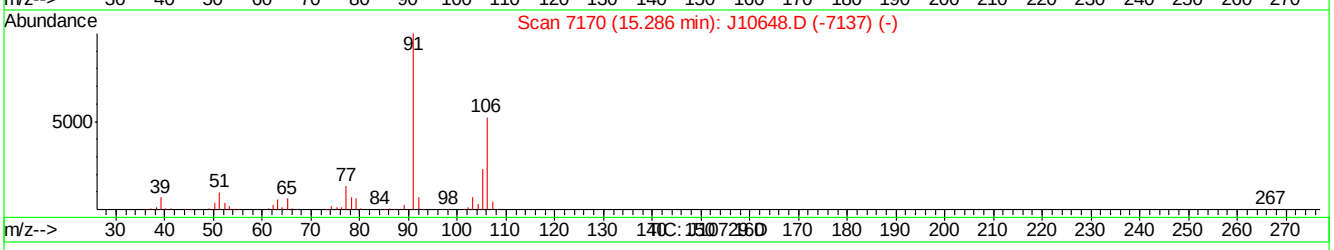
Data File : C:\MSDCHEM\1\DATA\J10729.D Vial: 1
Acq On : 22 Jun 2007 10:16 am Operator: danat
Sample : ic556-0.2 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 10:46:14 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(56) m,p-XYLENE (m)

15.28min 0.09PPBV

response 5033

Ion	Exp%	Act%
106.00	100	100
91.00	191.40	123.66#
77.00	25.70	35.62#
0.00	0.00	0.00

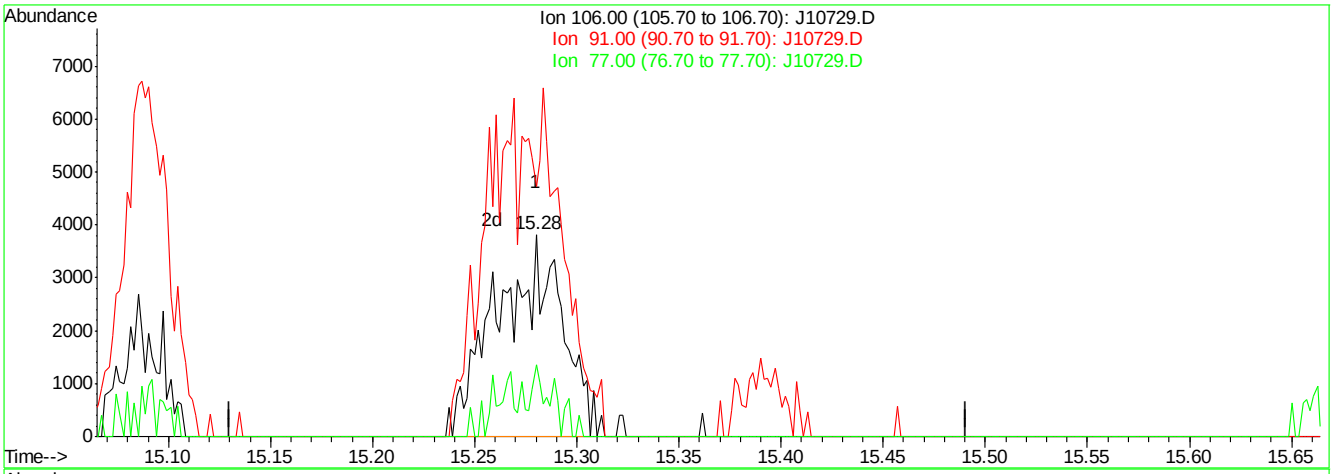
J10729.D J062207T.M Fri Jun 22 10:48:58 2007

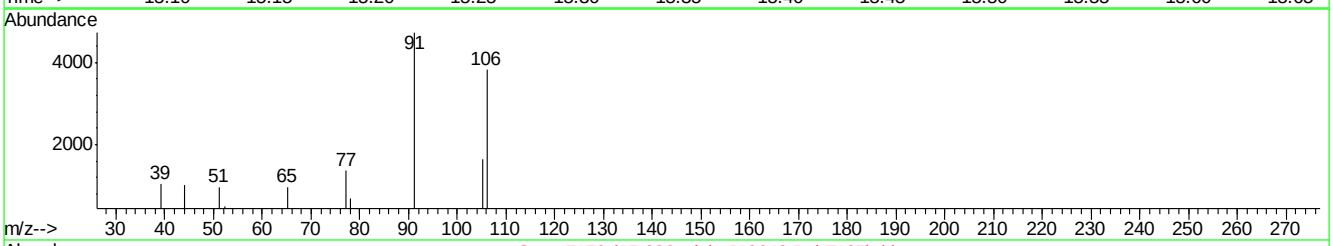
Quantitation Report (Qedit)

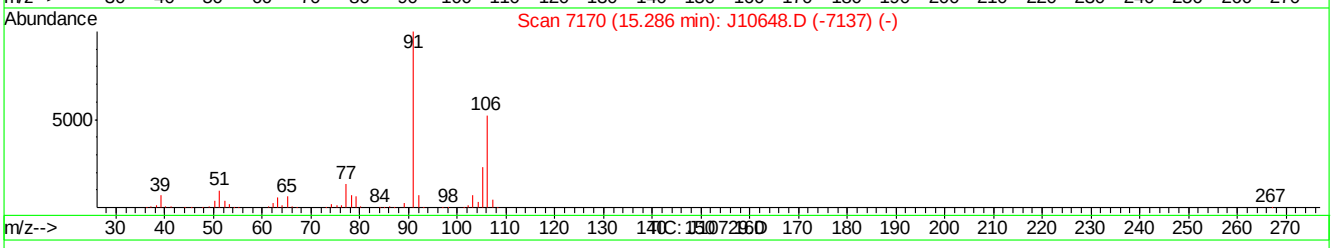
Data File : C:\MSDCHEM\1\DATA\J10729.D Vial: 1
Acq On : 22 Jun 2007 10:16 am Operator: danat
Sample : ic556-0.2 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 10:46:14 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(56) m,p-XYLENE (m)

15.28min 0.15PPBV m

response 8255

Ion	Exp%	Act%
106.00	100	100
91.00	191.40	123.66#
77.00	25.70	35.62#
0.00	0.00	0.00

J10729.D J062207T.M Fri Jun 22 10:49:04 2007

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
06/26/07 15:46

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10731.D
Acq On : 22 Jun 2007 11:55 am
Operator : danat
Sample : ic556-40 (m173)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 13:15:51 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 11:34:20 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.64	128	344414	10.00	PPBV	0.01
35) 1,4-DIFLUOROBENZENE	10.47	114	1429822	10.00	PPBV	0.02
49) CHLOROBENZENE-D5	14.70	117	1373956	10.00	PPBV	0.02

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.33	95	462808	5.61	PPBV	0.03

Spiked Amount 5.000 Range 51 - 142 Recovery = 112.20%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	4963338	38.19	PPBV	100
3) PROPYLENE	4.00	41	808437	42.22	PPBV	99
4) FREON 114	4.33	85	4338074	37.68	PPBV	100
5) CHLOROMETHANE	4.24	50	1041926	37.51	PPBV	99
6) VINYL CHLORIDE	4.45	62	1285570	42.81	PPBV	98
7) 1,3-BUTADIENE	4.59	39	981441	41.76	PPBV	97
8) BROMOMETHANE	4.86	94	1485916	38.59	PPBV	99
9) CHLOROETHANE	5.03	64	620899	42.30	PPBV	97
10) TRICHLOROFLUOROMETHANE	5.79	101	5291687	37.77	PPBV	99
11) ISOPROPYL ALCOHOL	6.08	45	1749347m	31.51	PPBV	
12) ACETONE	5.66	43	1749236	29.31	PPBV	96
13) PENTANE	6.14	42	1129611	39.37	PPBV	94
14) 1,1-DICHLOROETHYLENE	6.43	96	1536779	43.59	PPBV	93
15) CARBON DISULFIDE	6.85	76	4103769	38.93	PPBV	97
16) ETHANOL	5.25	45	287425	29.32	PPBV #	87
17) BROMOETHENE	5.38	106	1566338	45.14	PPBV	99
18) METHYLENE CHLORIDE	6.55	84	1353087	21.68	PPBV	96
19) 3-CHLOROPROPENE	6.66	39	1448366	47.14	PPBV #	23
20) FREON 113	6.79	151	3385465	39.15	PPBV	98
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	1537567	44.98	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.68	59	2418786m	55.14	PPBV	
23) METHYL TERTIARY BUTYL ETHE	7.74	73	3461873	49.68	PPBV	98
24) TETRAHYDROFURAN	9.19	42	1065577	49.02	PPBV	99
25) HEXANE	8.64	57	1636753	34.88	PPBV	97
26) VINYL ACETATE	7.82	43	2241728	53.56	PPBV	96
27) 1,1-DICHLOROETHANE	7.67	63	2549029	39.97	PPBV	100
28) METHYL ETHYL KETONE	8.11	43	2060440	43.54	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.47	96	1532689	45.93	PPBV	95
30) ETHYL ACETATE	8.73	43	2230905	47.25	PPBV	100
31) CHLOROFORM	8.76	83	3546011	40.42	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.69	97	4255684	43.09	PPBV	100
33) CARBON TETRACHLORIDE	10.27	117	5093848	43.31	PPBV	100
34) 1,2-DICHLOROETHANE	9.48	62	2210811	44.53	PPBV	99
36) BENZENE	10.14	78	3920592	50.34	PPBV	99
37) CYCLOHEXANE	10.38	84	1776021	49.90	PPBV	100
38) TRICHLOROETHYLENE	11.14	95	1973871	48.38	PPBV	99
39) 1,2-DICHLOROPROPANE	10.93	63	1260826	48.11	PPBV	96
40) BROMODICHLOROMETHANE	11.12	83	3486702	47.96	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.14	57	5566599	42.30	PPBV	99
42) 1,4-DIOXANE	11.22	88	807649	38.10	PPBV	94
43) HEPTANE	11.38	43	1841537	42.98	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10731.D
Acq On : 22 Jun 2007 11:55 am
Operator : danat
Sample : ic556-40 (m173)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 13:15:51 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 11:34:20 2007
Response via : Initial Calibration

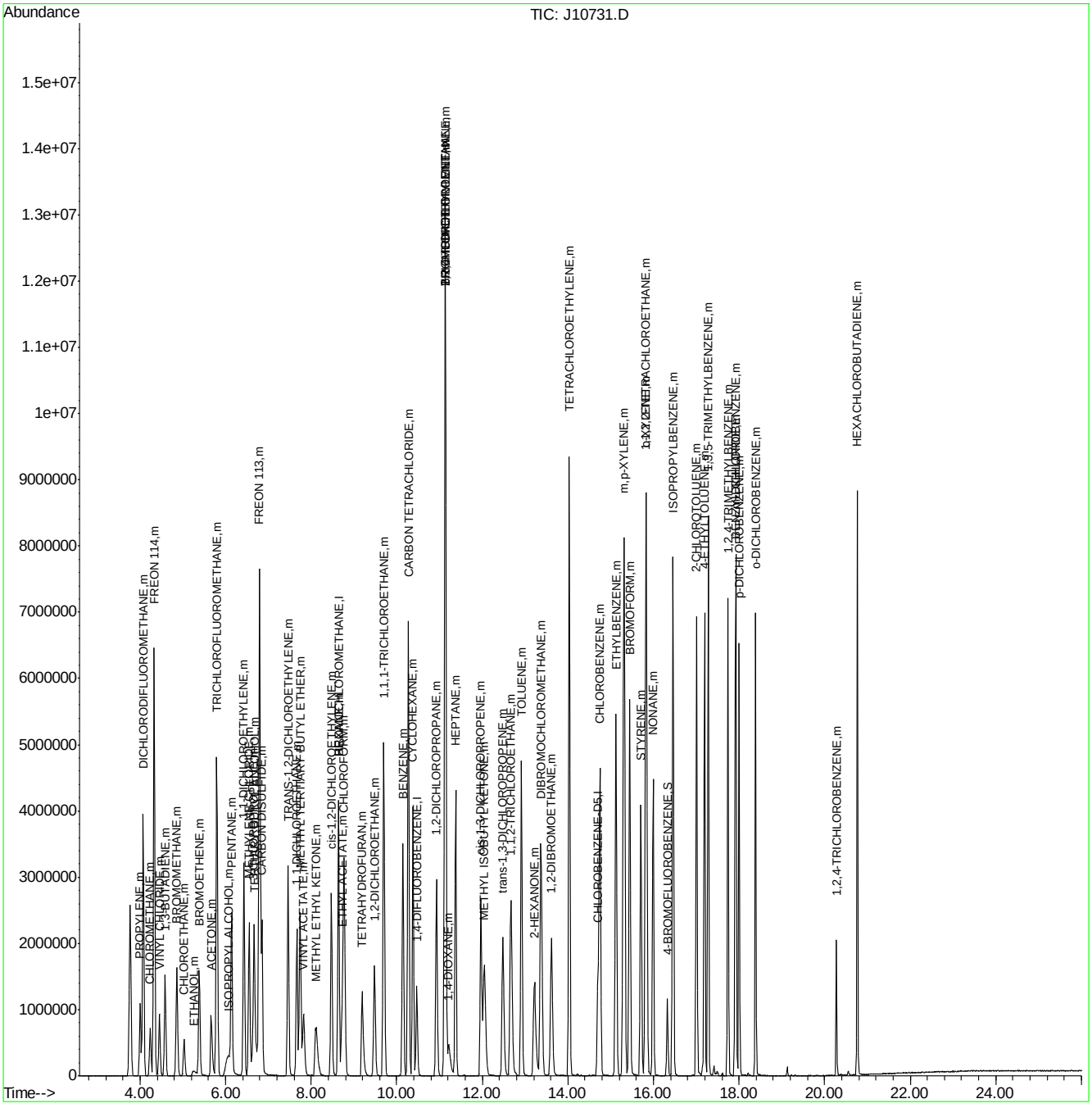
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.04	43	2449709	50.24	PPBV	100
45) cis-1,3-DICHLOROPROPENE	11.97	75	2075246	62.21	PPBV #	56
46) TOLUENE	12.91	92	2808316	62.51	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.48	75	2094895	72.94	PPBV	97
48) 1,1,2-TRICHLOROETHANE	12.67	83	1349444	50.82	PPBV	99
50) 2-HEXANONE	13.22	43	2173166	55.19	PPBV	99
51) TETRACHLOROETHYLENE	14.03	164	2628816	46.65	PPBV	99
52) DIBROMOCHLOROMETHANE	13.37	129	3746942	47.09	PPBV	100
53) 1,2-DIBROMOETHANE	13.61	107	2723559	54.44	PPBV	99
54) CHLOROBENZENE	14.75	112	3883389	44.72	PPBV	100
55) ETHYLBENZENE	15.12	91	5902436	59.93	PPBV	100
56) m,p-XYLENE	15.31	106	4517297	109.02	PPBV	99
57) o-XYLENE	15.82	106	2320371	57.23	PPBV	100
58) STYRENE	15.70	104	3022523	60.83	PPBV	99
59) NONANE	15.99	43	1970845	34.11	PPBV	100
60) BROMOFORM	15.45	173	4035271m	54.82	PPBV	
62) 1,1,2,2-TETRACHLOROETHANE	15.84	83	3219979	44.11	PPBV	99
63) ISOPROPYLBENZENE	16.46	105	6913414	43.41	PPBV	100
64) 2-CHLOROTOLUENE	17.01	91	4467388	44.42	PPBV	100
65) 4-ETHYLTOLUENE	17.19	105	5358475	45.81	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.28	105	5259279	40.63	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.74	105	4211616	40.27	PPBV	99
68) m-DICHLOROBENZENE	17.92	146	3096685	39.72	PPBV	99
69) BENZYL CHLORIDE	17.91	91	2736485	73.32	PPBV	100
70) p-DICHLOROBENZENE	18.00	146	2791593	46.72	PPBV	100
71) o-DICHLOROBENZENE	18.39	146	2830846	36.74	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	1586563	11.88	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	584865	17.72	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10731.D
Acq On : 22 Jun 2007 11:55 am
Operator : danat
Sample : ic556-40 (m173)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 13:15:51 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 11:34:20 2007
Response via : Initial Calibration

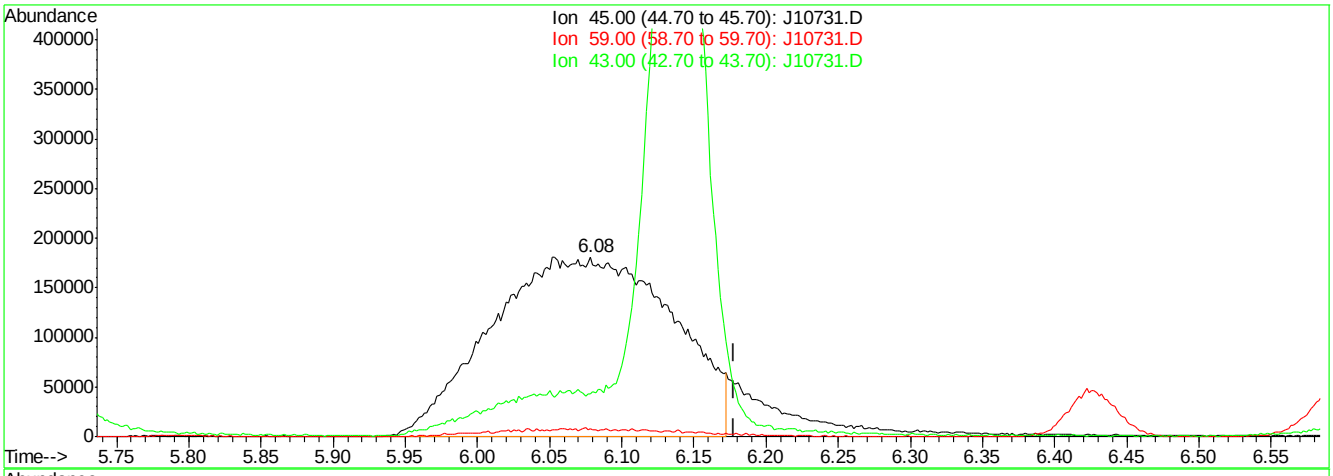


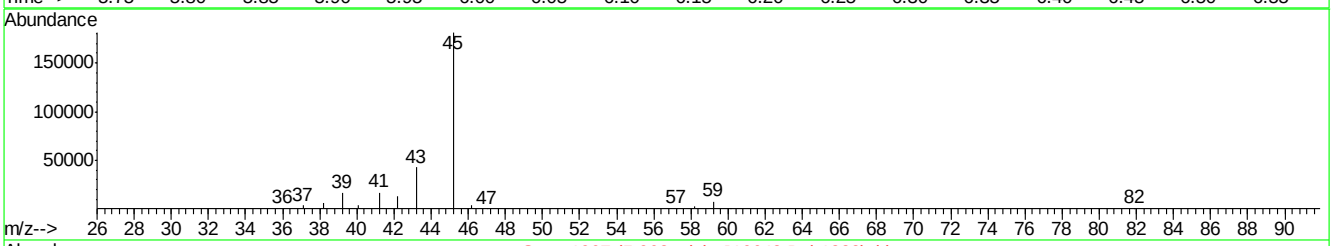
Quantitation Report (Qedit)

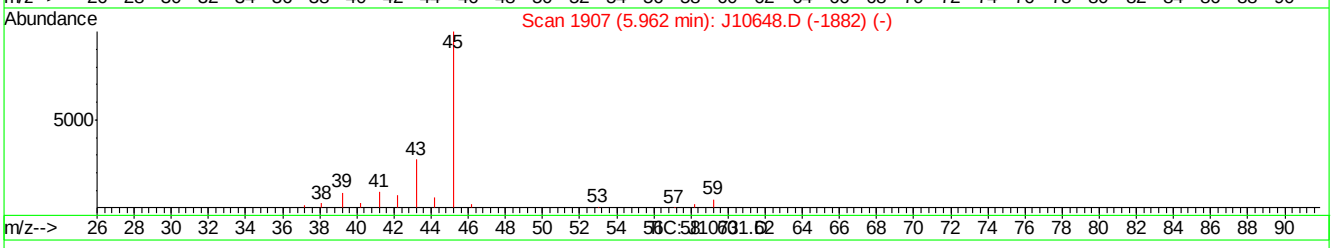
Data File : C:\MSDCHEM\1\DATA\J10731.D Vial: 2
Acq On : 22 Jun 2007 11:55 am Operator: danat
Sample : ic556-40 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 13:13:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 11:34:20 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.08min 28.62PPBV

response 1588926

Ion	Exp%	Act%
45.00	100	100
59.00	5.10	4.09
43.00	27.70	23.64
0.00	0.00	0.00

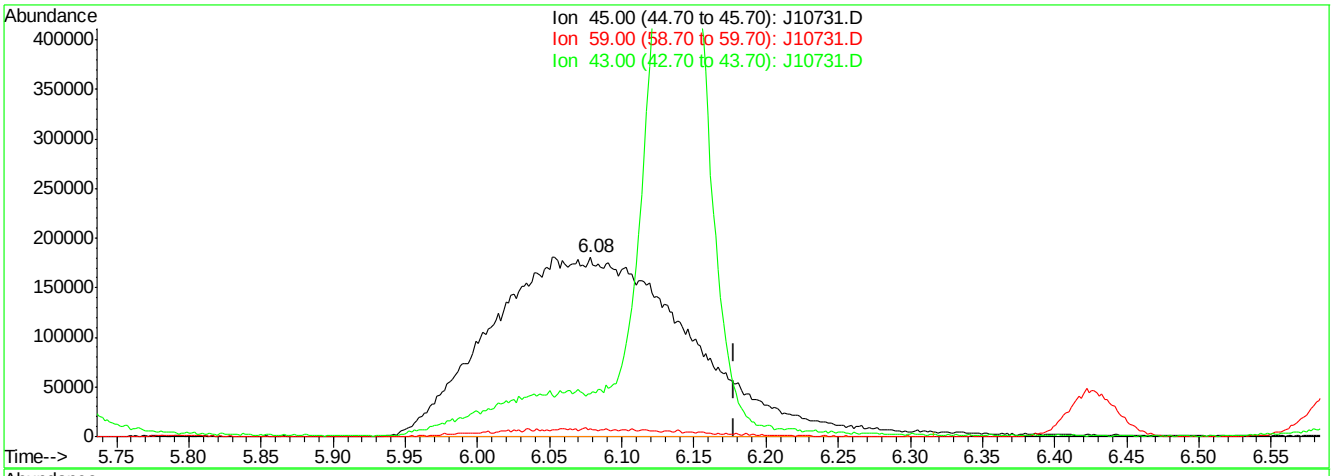
J10731.D J062207T.M Fri Jun 22 13:14:26 2007

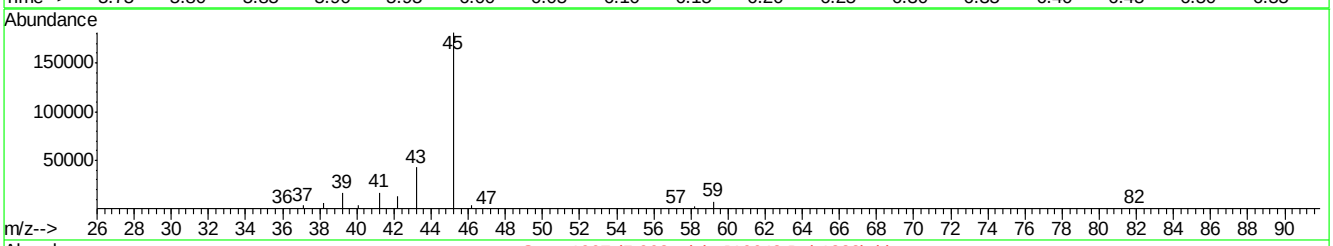
Quantitation Report (Qedit)

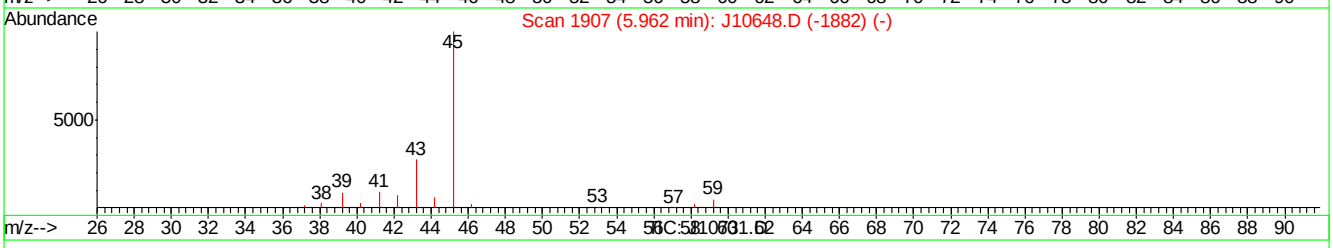
Data File : C:\MSDCHEM\1\DATA\J10731.D Vial: 2
Acq On : 22 Jun 2007 11:55 am Operator: danat
Sample : ic556-40 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 13:13:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 11:34:20 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.08min 31.51PPBV m

response 1749347

Ion	Exp%	Act%
45.00	100	100
59.00	5.10	4.09
43.00	27.70	23.64
0.00	0.00	0.00

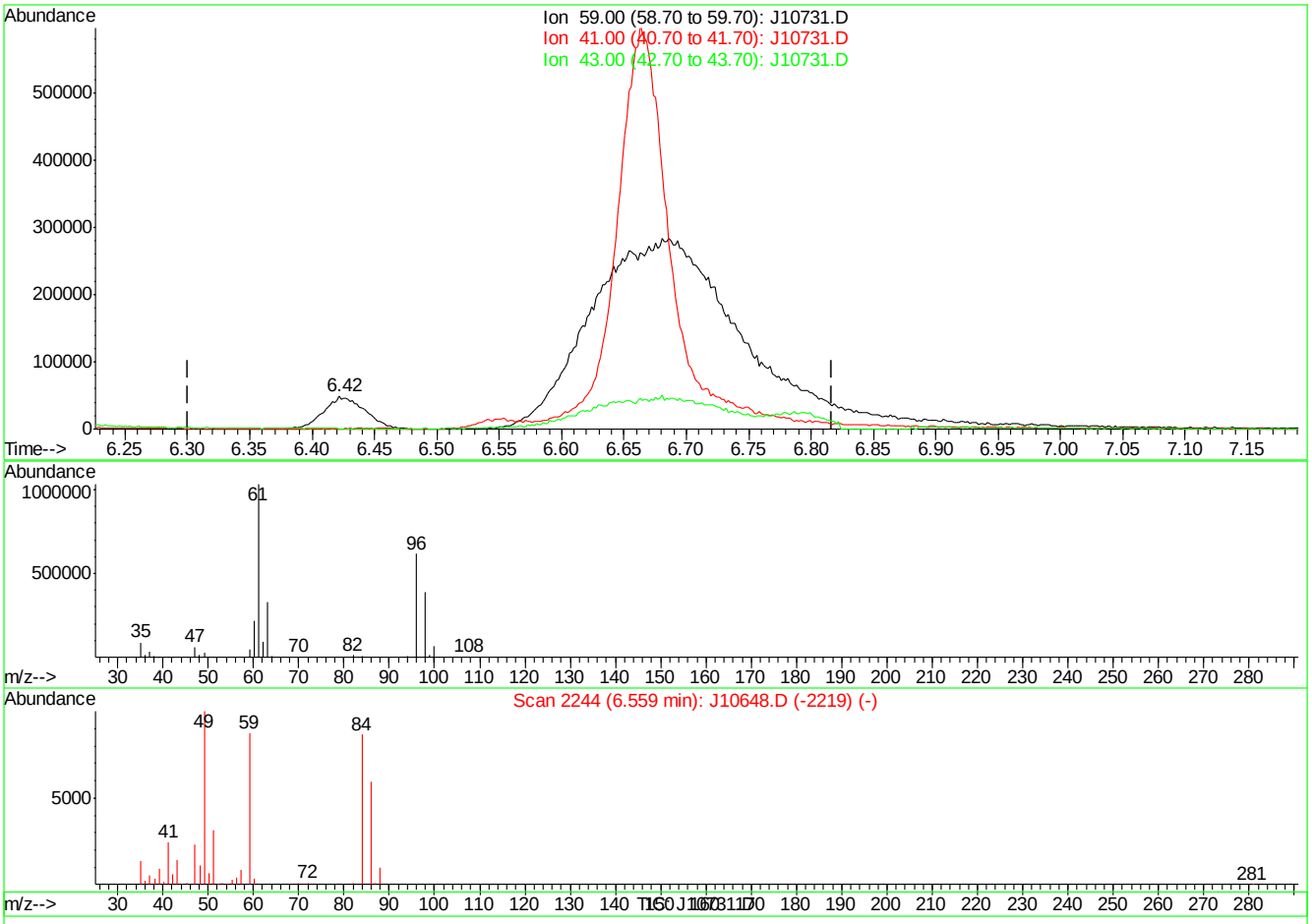
J10731.D J062207T.M Fri Jun 22 13:14:32 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10731.D Vial: 2
Acq On : 22 Jun 2007 11:55 am Operator: danat
Sample : ic556-40 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 13:13:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 11:34:20 2007
Response via : Multiple Level Calibration



(22) TERTIARY BUTYL ALCOHOL (m)

6.42min 2.51PPBV

response 110292

Ion	Exp%	Act%
59.00	100	100
41.00	24.40	0.00#
43.00	18.50	0.99
0.00	0.00	0.00

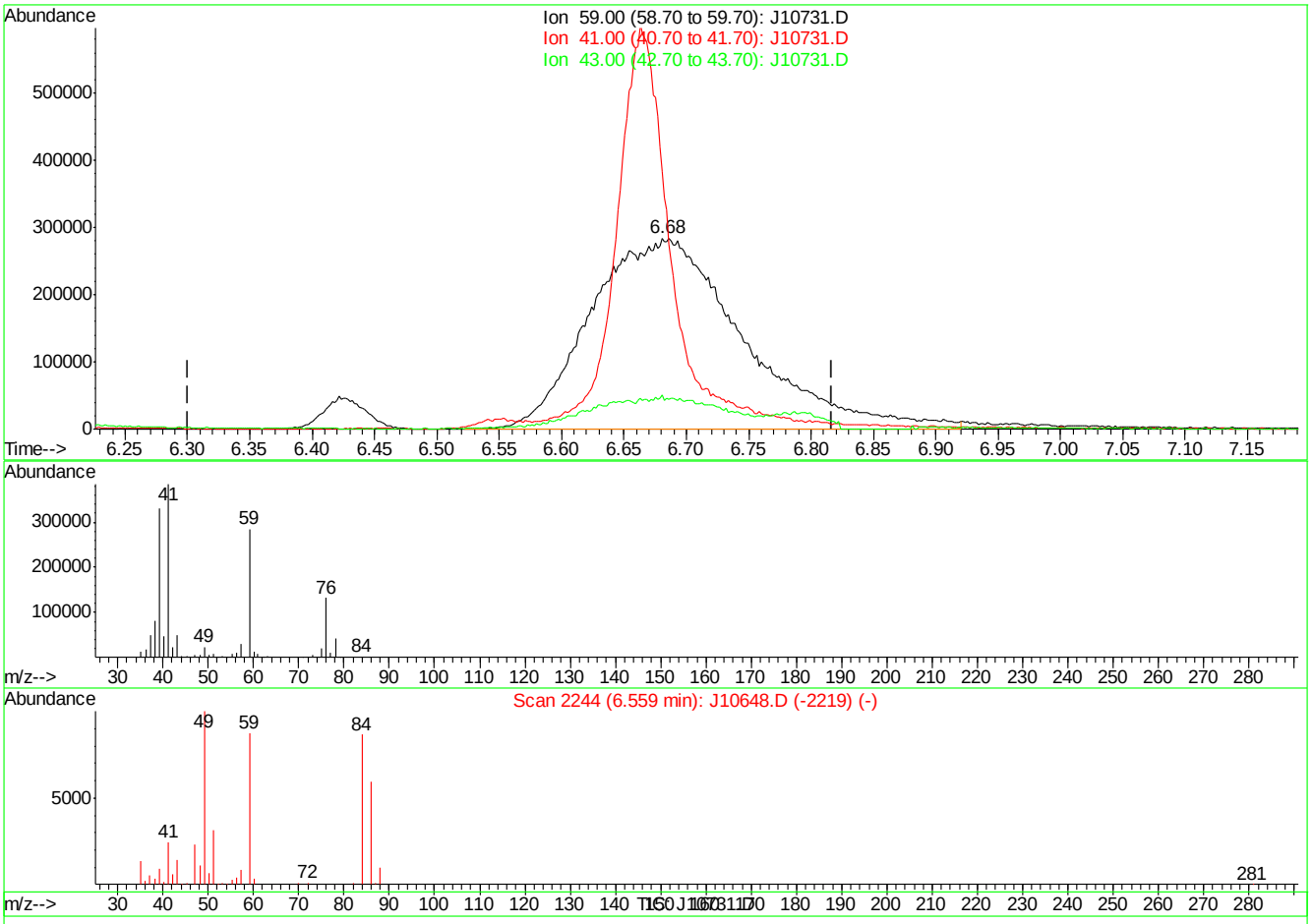
J10731.D J062207T.M Fri Jun 22 13:14:51 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10731.D Vial: 2
Acq On : 22 Jun 2007 11:55 am Operator: danat
Sample : ic556-40 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 13:13:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 11:34:20 2007
Response via : Multiple Level Calibration



(22) TERTIARY BUTYL ALCOHOL (m)

6.68min 55.14PPBV m

response 2418786

Ion	Exp%	Act%
59.00	100	100
41.00	24.40	0.00#
43.00	18.50	0.05
0.00	0.00	0.00

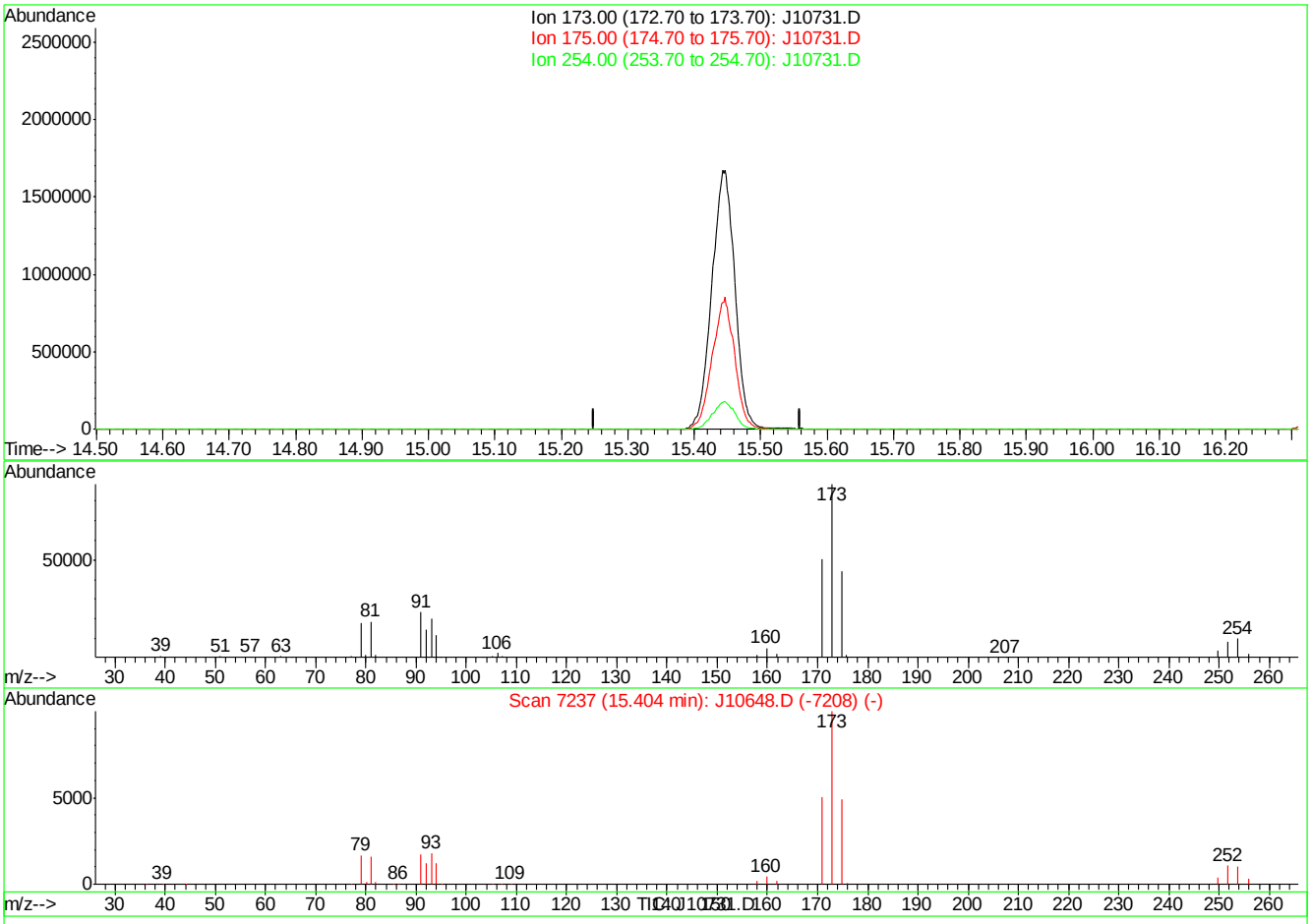
J10731.D J062207T.M Fri Jun 22 13:14:57 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10731.D Vial: 2
Acq On : 22 Jun 2007 11:55 am Operator: danat
Sample : ic556-40 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 13:13:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 11:34:20 2007
Response via : Multiple Level Calibration



(60) BROMOFORM (m)

15.40min 0.00PPBV

response 0

Ion	Exp%	Act%
173.00	100	0.00
175.00	48.60	0.00#
254.00	10.60	0.00
0.00	0.00	0.00

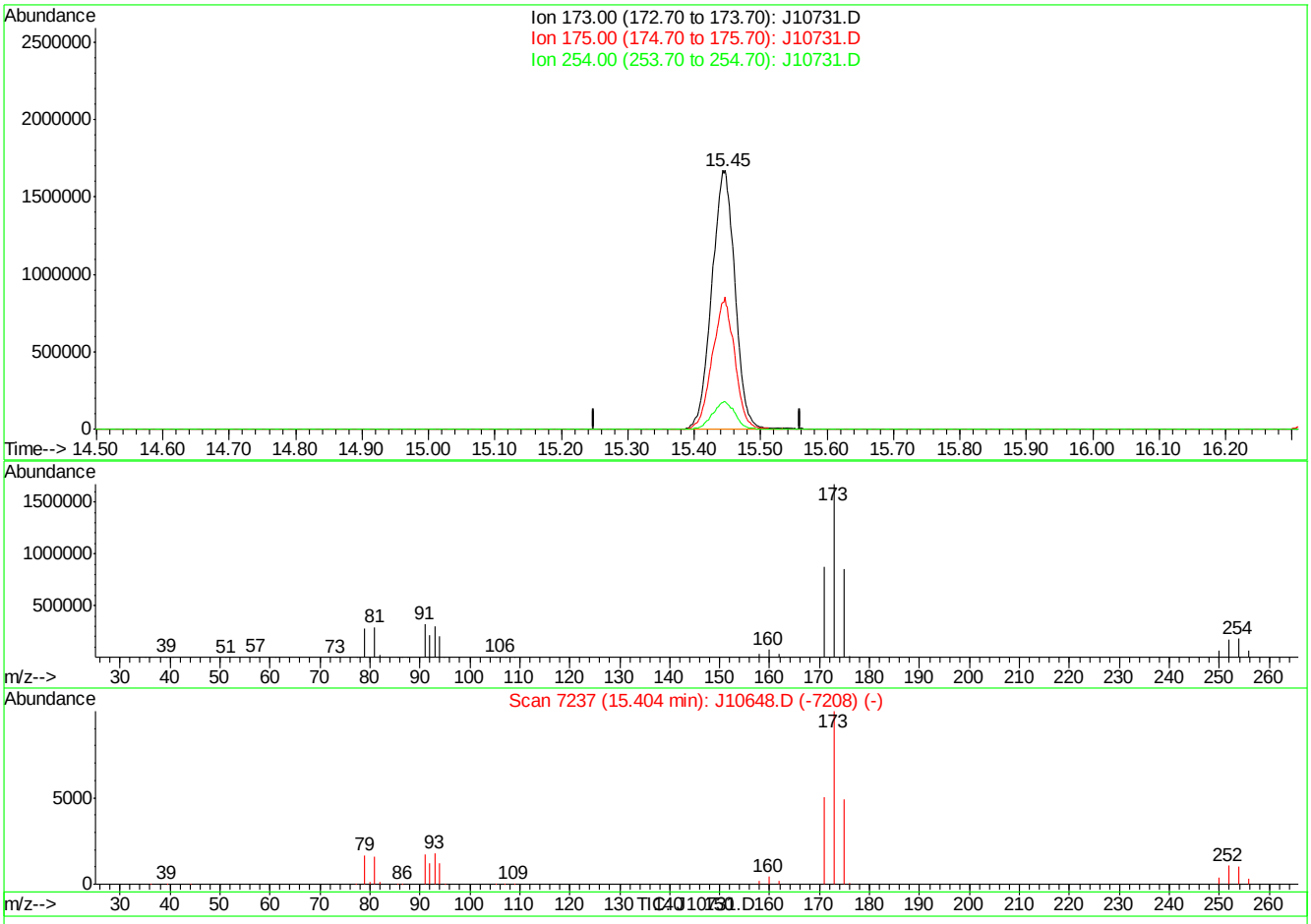
J10731.D J062207T.M Fri Jun 22 13:15:30 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10731.D Vial: 2
Acq On : 22 Jun 2007 11:55 am Operator: danat
Sample : ic556-40 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 13:13:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 11:34:20 2007
Response via : Multiple Level Calibration



(60) BROMOFORM (m)

15.45min 54.82PPBV m

response 4035271

Ion	Exp%	Act%
173.00	100	100
175.00	48.60	0.00#
254.00	10.60	0.00
0.00	0.00	0.00

J10731.D J062207T.M Fri Jun 22 13:15:36 2007

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 06/26/07 15:46

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10732.D
Acq On : 22 Jun 2007 12:44 pm
Operator : danat
Sample : ic556-20 (m173)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 13:18:15 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 13:16:04 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.64	128	347194	10.00	PPBV	0.01
35) 1,4-DIFLUOROBENZENE	10.46	114	1342564	10.00	PPBV	0.02
49) CHLOROBENZENE-D5	14.69	117	1160072	10.00	PPBV	0.01
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.31	95	379802	5.29	PPBV	0.01
Spiked Amount 5.000	Range 51 - 142		Recovery = 105.80%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.08	85	1897013	14.64	PPBV	100
3) PROPYLENE	4.01	41	284005	14.45	PPBV	97
4) FREON 114	4.34	85	1701105	14.87	PPBV	97
5) CHLOROMETHANE	4.24	50	374099	13.57	PPBV	98
6) VINYL CHLORIDE	4.46	62	487373	15.82	PPBV	98
7) 1,3-BUTADIENE	4.60	39	366886	15.26	PPBV	98
8) BROMOMETHANE	4.87	94	604645	15.72	PPBV	99
9) CHLOROETHANE	5.04	64	230713	15.37	PPBV	97
10) TRICHLOROFLUOROMETHANE	5.80	101	2186248	15.70	PPBV	100
11) ISOPROPYL ALCOHOL	6.03	45	664329	12.77	PPBV	91
12) ACETONE	5.67	43	634499	11.30	PPBV	100
13) PENTANE	6.15	42	451738	15.68	PPBV	96
14) 1,1-DICHLOROETHYLENE	6.44	96	688741	18.96	PPBV	100
15) CARBON DISULFIDE	6.86	76	1858664	17.61	PPBV	98
16) ETHANOL	5.25	45	115869	12.87	PPBV	71
17) BROMOETHENE	5.39	106	666086	18.45	PPBV	99
18) METHYLENE CHLORIDE	6.55	84	594183	10.66	PPBV	98
19) 3-CHLOROPROPENE	6.67	39	583505	17.78	PPBV	89
20) FREON 113	6.80	151	1580873	18.23	PPBV	94
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	720005	20.26	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.63	59	1036169m	20.81	PPBV	
23) METHYL TERTIARY BUTYL ETHE	7.74	73	1619546	21.74	PPBV	99
24) TETRAHYDROFURAN	9.19	42	512978	21.77	PPBV	98
25) HEXANE	8.64	57	808040	17.65	PPBV	99
26) VINYL ACETATE	7.82	43	988890	21.61	PPBV	96
27) 1,1-DICHLOROETHANE	7.67	63	1129272	17.57	PPBV	100
28) METHYL ETHYL KETONE	8.10	43	958993	19.67	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.47	96	760303	21.79	PPBV	99
30) ETHYL ACETATE	8.71	43	1105960	22.23	PPBV	100
31) CHLOROFORM	8.76	83	1773739	20.01	PPBV	100
32) 1,1,1-TRICHLOROETHANE	9.69	97	1993583	19.64	PPBV	99
33) CARBON TETRACHLORIDE	10.27	117	2329371	19.25	PPBV	100
34) 1,2-DICHLOROETHANE	9.47	62	1008870	19.60	PPBV	100
36) BENZENE	10.14	78	1750569	22.48	PPBV	100
37) CYCLOHEXANE	10.38	84	844872	23.35	PPBV	99
38) TRICHLOROETHYLENE	11.13	95	879189	21.81	PPBV	99
39) 1,2-DICHLOROPROPANE	10.92	63	519849	20.11	PPBV	96
40) BROMODICHLOROMETHANE	11.11	83	1500251	20.94	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.13	57	2624091	20.84	PPBV	99
42) 1,4-DIOXANE	11.20	88	372628	19.02	PPBV	96
43) HEPTANE	11.37	43	801106	19.43	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10732.D
Acq On : 22 Jun 2007 12:44 pm
Operator : danat
Sample : ic556-20 (m173)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 13:18:15 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 13:16:04 2007
Response via : Initial Calibration

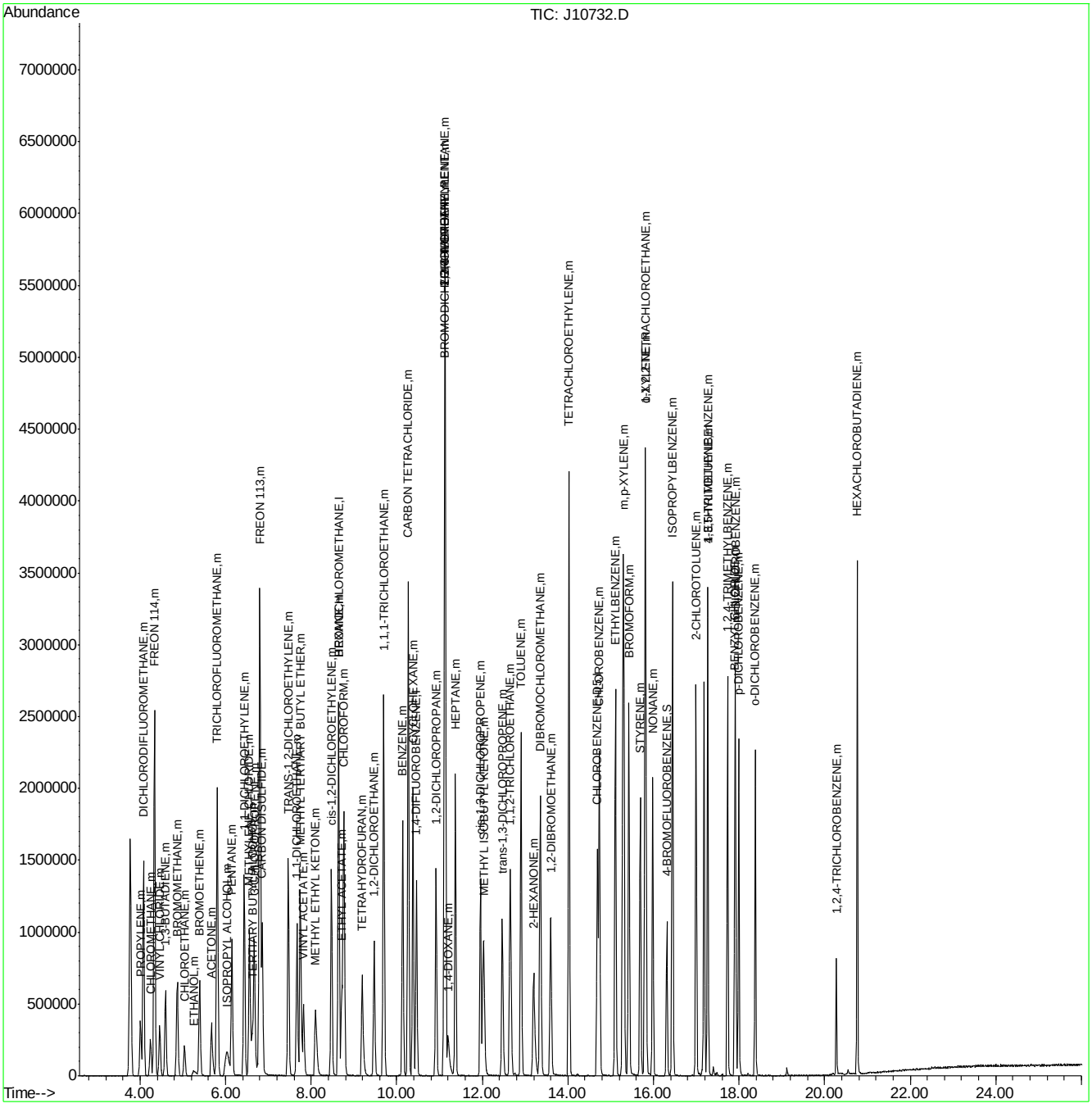
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.03	43	1043931	21.01	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.95	75	871359	23.47	PPBV	96
46) TOLUENE	12.90	92	1213854	25.23	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.46	75	859110	25.00	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.65	83	568335	21.35	PPBV	97
50) 2-HEXANONE	13.20	43	894388	23.88	PPBV	97
51) TETRACHLOROETHYLENE	14.02	164	1094870	22.09	PPBV	99
52) DIBROMOCHLOROMETHANE	13.35	129	1632981	23.28	PPBV	99
53) 1,2-DIBROMOETHANE	13.59	107	1130493	24.55	PPBV	100
54) CHLOROBENZENE	14.73	112	1611559	21.35	PPBV	99
55) ETHYLBENZENE	15.11	91	2408693	25.76	PPBV	99
56) m,p-XYLENE	15.29	106	1912375	50.12	PPBV	99
57) o-XYLENE	15.80	106	962374	25.38	PPBV	99
58) STYRENE	15.69	104	1205232	24.48	PPBV	98
59) NONANE	15.98	43	772812	16.66	PPBV	100
60) BROMOFORM	15.42	173	1646268	24.24	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.82	83	1313519	20.78	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	2804120m	20.28	PPBV	
64) 2-CHLOROTOLUENE	16.99	91	1636307	18.59	PPBV	99
65) 4-ETHYLTOLUENE	17.27	105	1969620	19.02	PPBV	65
66) 1,3,5-TRIMETHYLBENZENE	17.27	105	1996943	18.18	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	1534884	17.34	PPBV	99
68) m-DICHLOROBENZENE	17.92	146	1114924	16.98	PPBV	99
69) BENZYL CHLORIDE	17.90	91	921136	22.88	PPBV	100
70) p-DICHLOROBENZENE	17.99	146	991924	18.62	PPBV	100
71) o-DICHLOROBENZENE	18.38	146	956640	15.11	PPBV	100
72) HEXACHLOROBUTADIENE	20.76	225	658350	7.63	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	234724	10.34	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10732.D
Acq On : 22 Jun 2007 12:44 pm
Operator : danat
Sample : ic556-20 (m173)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 13:18:15 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 13:16:04 2007
Response via : Initial Calibration



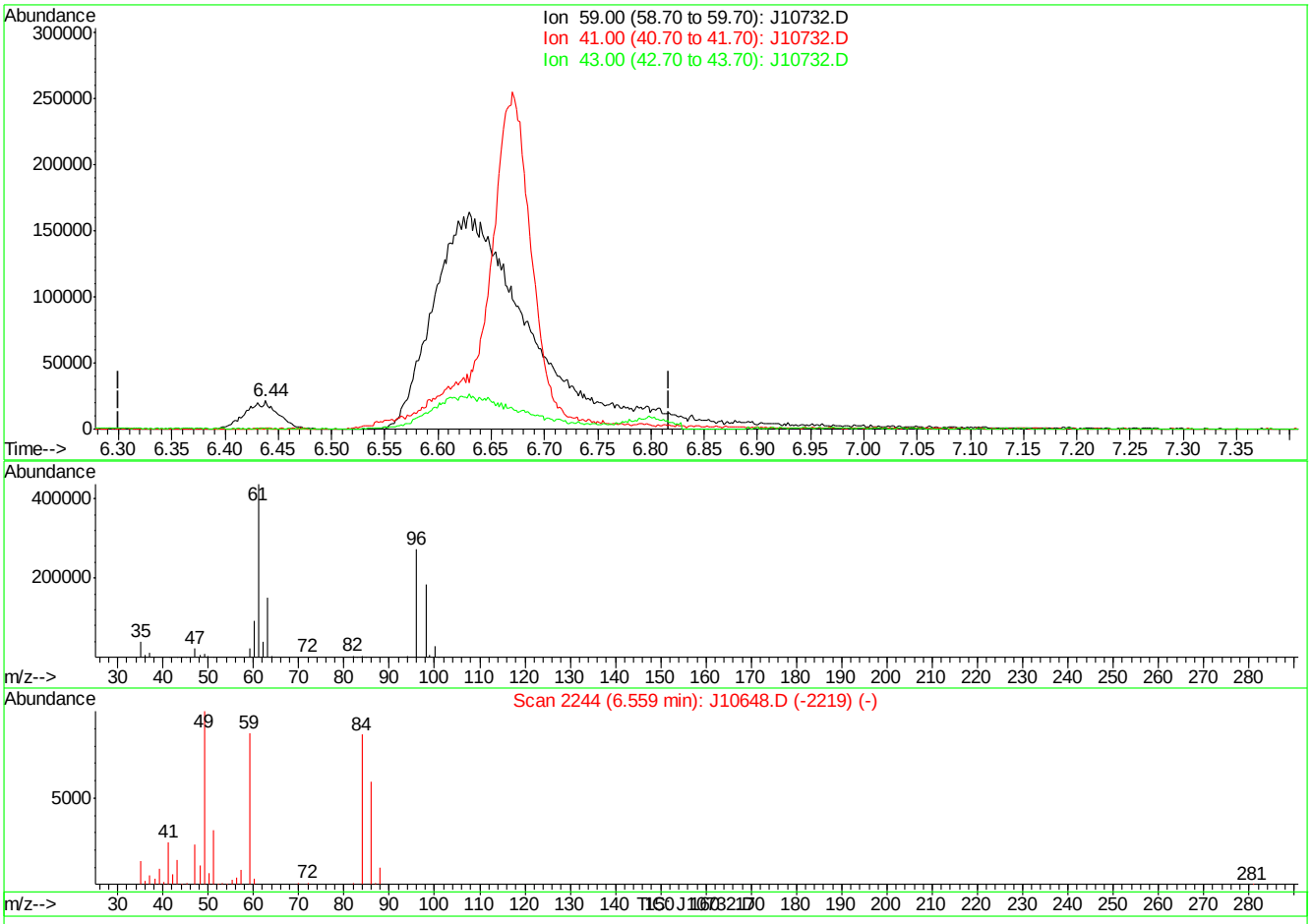
ACCUTEST Laboratories M65960

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10732.D Vial: 2
Acq On : 22 Jun 2007 12:44 pm Operator: danat
Sample : ic556-20 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 13:16:13 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 13:16:04 2007
Response via : Multiple Level Calibration



(22) TERTIARY BUTYL ALCOHOL (m)

6.44min 0.91PPBV

response 45247

Ion	Exp%	Act%
59.00	100	100
41.00	24.40	0.00#
43.00	18.50	0.00
0.00	0.00	0.00

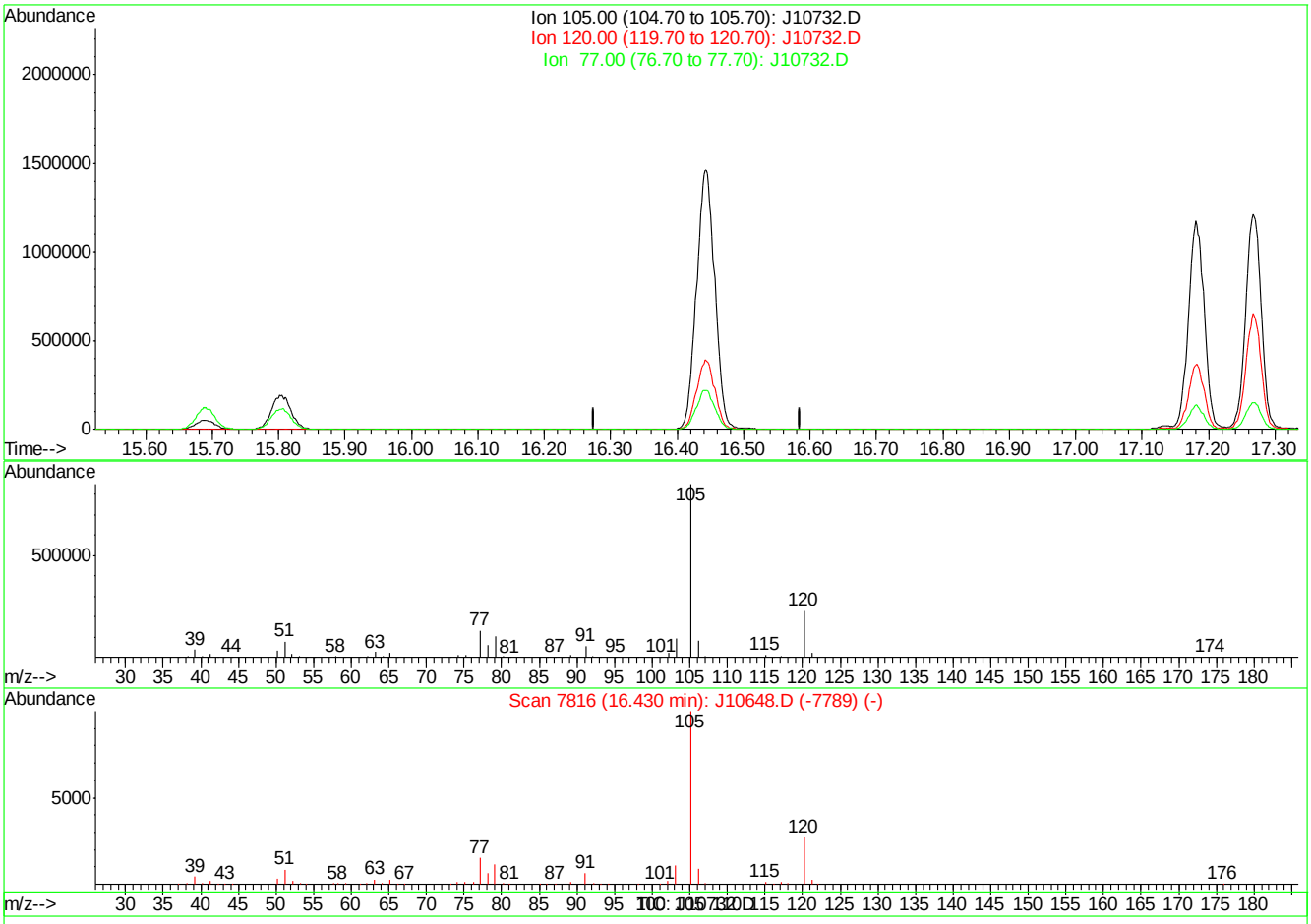
J10732.D J062207T.M Fri Jun 22 13:16:50 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10732.D Vial: 2
Acq On : 22 Jun 2007 12:44 pm Operator: danat
Sample : ic556-20 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 13:16:13 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 13:16:04 2007
Response via : Multiple Level Calibration



(63) ISOPROPYLBENZENE (m)

16.43min 0.00PPBV

response 0

Ion	Exp%	Act%
105.00	100	0.00
120.00	27.00	0.00#
77.00	15.40	0.00
0.00	0.00	0.00

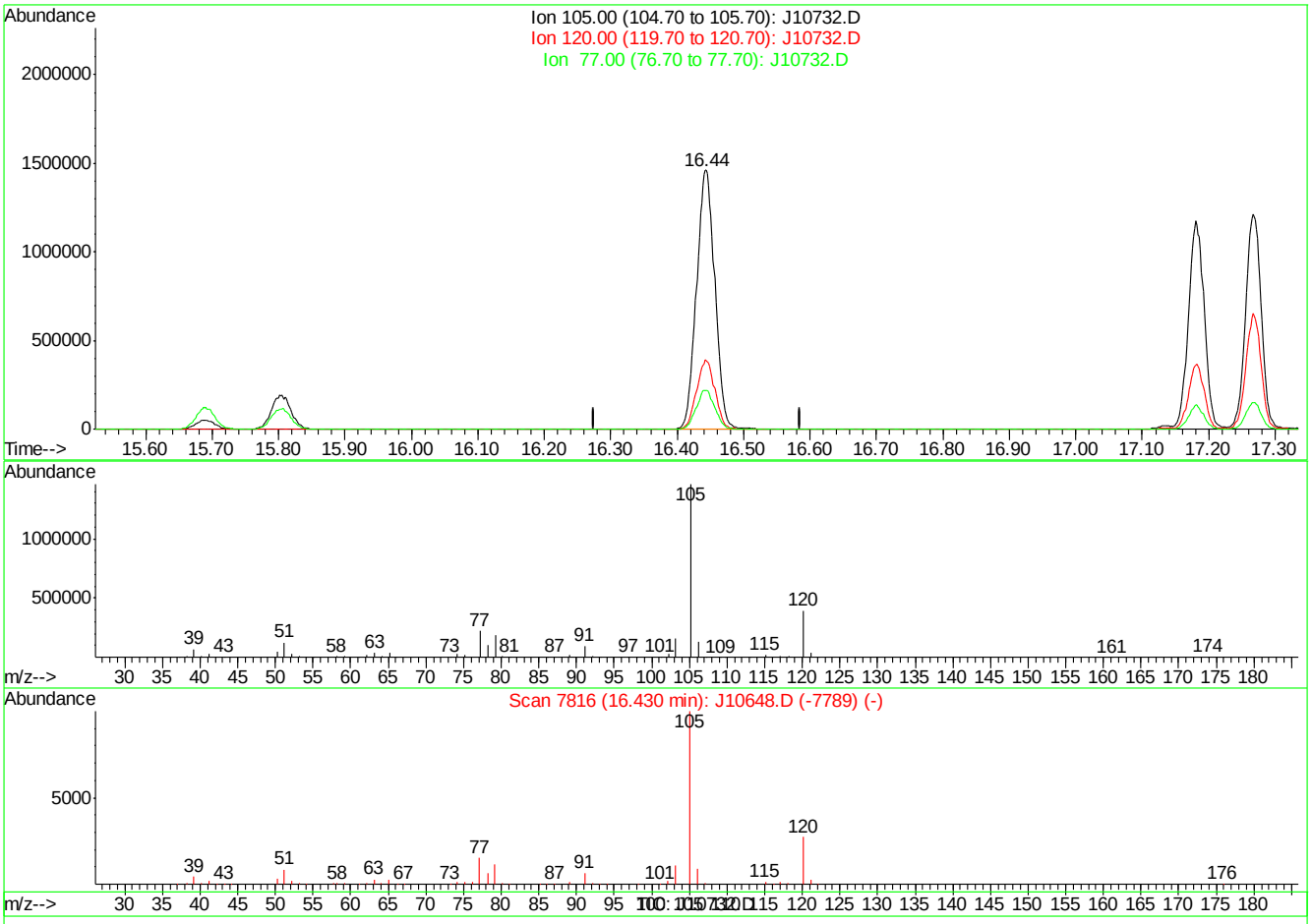
J10732.D J062207T.M Fri Jun 22 13:18:01 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10732.D Vial: 2
Acq On : 22 Jun 2007 12:44 pm Operator: danat
Sample : ic556-20 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 13:16:13 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 13:16:04 2007
Response via : Multiple Level Calibration



(63) ISOPROPYLBENZENE (m)

16.44min 20.28PPBV m

response 2804120

Ion	Exp%	Act%
105.00	100	100
120.00	27.00	0.00#
77.00	15.40	0.00
0.00	0.00	0.00

J10732.D J062207T.M Fri Jun 22 13:18:06 2007

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 06/26/07 15:46

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10733.D
Acq On : 22 Jun 2007 1:31 pm
Operator : danat
Sample : icc556-10 (m173)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 13:58:41 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 13:19:38 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	393924	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.45	114	1684327	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.68	117	1430596m	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.30	95	433278	4.84	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 96.80%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.08	85	1031122	7.41	PPBV	100
3) PROPYLENE	4.01	41	156916	7.56	PPBV	94
4) FREON 114	4.34	85	815985	6.63	PPBV	98
5) CHLOROMETHANE	4.24	50	184658	6.31	PPBV	100
6) VINYL CHLORIDE	4.46	62	234200	6.99	PPBV	95
7) 1,3-BUTADIENE	4.60	39	174402	6.80	PPBV	99
8) BROMOMETHANE	4.87	94	293719	7.03	PPBV	100
9) CHLOROETHANE	5.04	64	107995	6.65	PPBV	96
10) TRICHLOROFLUOROMETHANE	5.81	101	1053554	6.97	PPBV	99
11) ISOPROPYL ALCOHOL	6.01	45	329103	6.13	PPBV	95
12) ACETONE	5.67	43	315135	5.42	PPBV	99
13) PENTANE	6.15	42	225286	7.20	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.44	96	322977	7.92	PPBV	99
15) CARBON DISULFIDE	6.86	76	880945	7.54	PPBV	98
16) ETHANOL	5.26	45	53422	5.74	PPBV #	58
17) BROMOETHENE	5.40	106	315778	7.83	PPBV	99
18) METHYLENE CHLORIDE	6.56	84	272023	4.75	PPBV	99
19) 3-CHLOROPROPENE	6.67	39	225219	6.22	PPBV	95
20) FREON 113	6.80	151	745487	7.71	PPBV	95
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	326969	8.09	PPBV	100
22) TERTIARY BUTYL ALCOHOL	6.60	59	447442	7.84	PPBV	90
23) METHYL TERTIARY BUTYL ETHE	7.74	73	752625	8.75	PPBV	99
24) TETRAHYDROFURAN	9.19	42	224624	8.22	PPBV	99
25) HEXANE	8.64	57	387975	7.65	PPBV	98
26) VINYL ACETATE	7.81	43	450084	8.53	PPBV	96
27) 1,1-DICHLOROETHANE	7.67	63	510043	7.17	PPBV	99
28) METHYL ETHYL KETONE	8.09	43	434911	7.89	PPBV	93
29) cis-1,2-DICHLOROETHYLENE	8.47	96	336144	8.34	PPBV	98
30) ETHYL ACETATE	8.71	43	484909	8.40	PPBV	100
31) CHLOROFORM	8.75	83	796789	7.92	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.69	97	857915	7.48	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	1129064	8.29	PPBV	99
34) 1,2-DICHLOROETHANE	9.46	62	450344	7.74	PPBV	99
36) BENZENE	10.13	78	787648	7.87	PPBV	100
37) CYCLOHEXANE	10.37	84	405710	8.58	PPBV	100
38) TRICHLOROETHYLENE	11.12	95	424559	8.25	PPBV	100
39) 1,2-DICHLOROPROPANE	10.91	63	243526	7.50	PPBV	96
40) BROMODICHLOROMETHANE	11.10	83	708161	7.80	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.13	57	1181577	7.40	PPBV	99
42) 1,4-DIOXANE	11.19	88	163122	6.72	PPBV	95
43) HEPTANE	11.36	43	375900	7.32	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10733.D
Acq On : 22 Jun 2007 1:31 pm
Operator : danat
Sample : icc556-10 (m173)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 13:58:41 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 13:19:38 2007
Response via : Initial Calibration

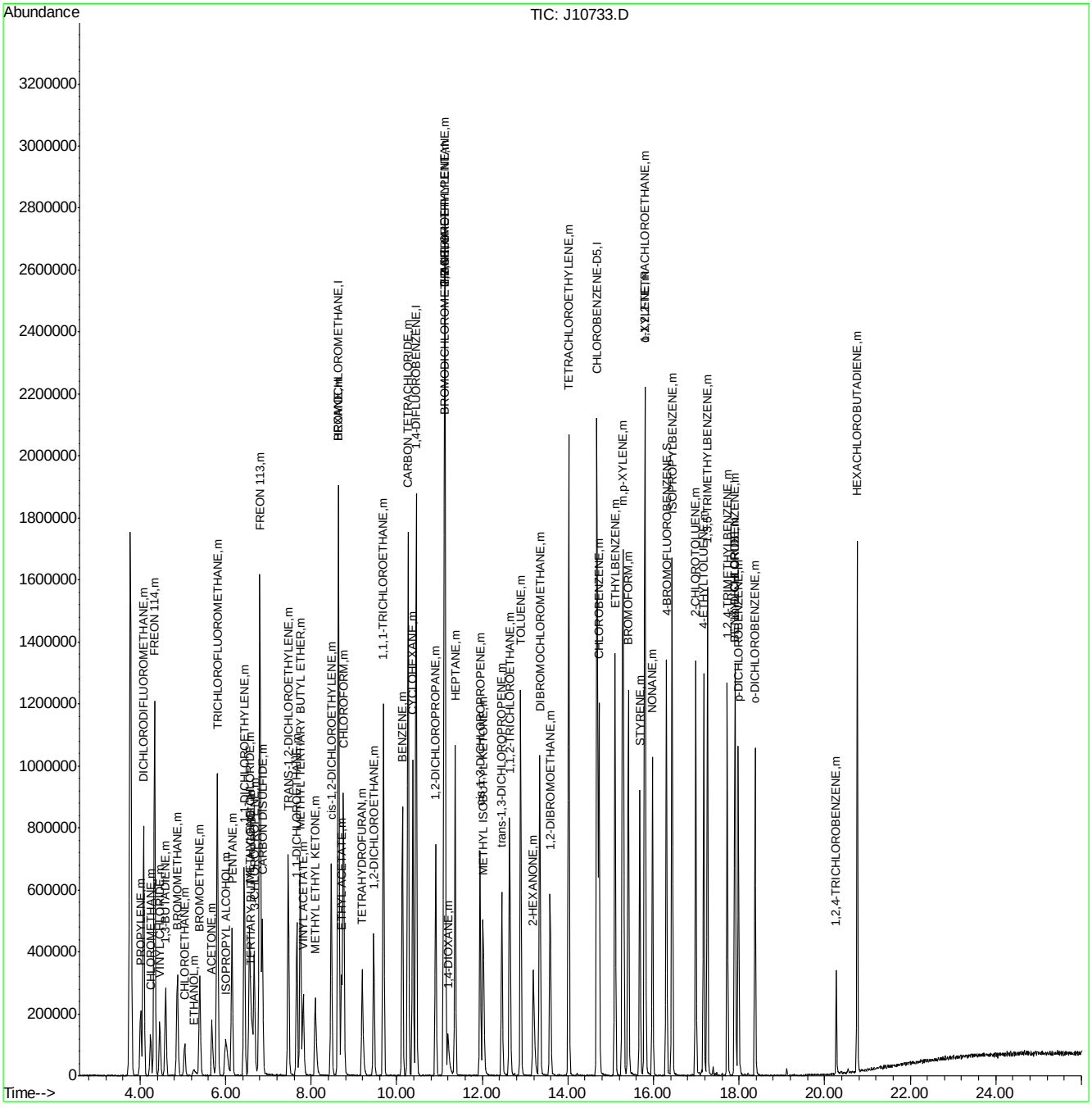
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	459314	7.28	PPBV	100
45) cis-1,3-DICHLOROPROPENE	11.95	75	398913	8.21	PPBV	96
46) TOLUENE	12.90	92	555583	8.75	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.45	75	385648	8.42	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.64	83	266806	7.88	PPBV	98
50) 2-HEXANONE	13.19	43	381796	7.88	PPBV	99
51) TETRACHLOROETHYLENE	14.02	164	502548	8.05	PPBV	99
52) DIBROMOCHLOROMETHANE	13.34	129	726727	8.13	PPBV	100
53) 1,2-DIBROMOETHANE	13.58	107	506094	8.52	PPBV	100
54) CHLOROBENZENE	14.72	112	753157	7.98	PPBV	99
55) ETHYLBENZENE	15.10	91	1106790	9.07	PPBV	100
56) m,p-XYLENE	15.28	106	874649	17.69	PPBV	97
57) o-XYLENE	15.80	106	440407	8.94	PPBV	99
58) STYRENE	15.68	104	505877	7.89	PPBV	98
59) NONANE	15.98	43	344461	6.28	PPBV	99
60) BROMOFORM	15.41	173	724905	8.30	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.81	83	578764	7.37	PPBV	99
63) ISOPROPYLBENZENE	16.43	105	1256901	7.34	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	747360	7.01	PPBV	100
65) 4-ETHYLTOLUENE	17.17	105	821957	6.52	PPBV #	98
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	896028	6.77	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	669697	6.35	PPBV	99
68) m-DICHLOROBENZENE	17.91	146	503936	6.47	PPBV	99
69) BENZYL CHLORIDE	17.89	91	406276	7.90	PPBV	99
70) p-DICHLOROBENZENE	17.99	146	453413	7.02	PPBV	100
71) o-DICHLOROBENZENE	18.37	146	440218	6.01	PPBV	100
72) HEXACHLOROBUTADIENE	20.76	225	311756	3.46	PPBV	100
73) 1,2,4-TRICHLOROBENZENE	20.27	180	102064	4.15	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10733.D
Acq On : 22 Jun 2007 1:31 pm
Operator : danat
Sample : icc556-10 (m173)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 13:58:41 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 13:19:38 2007
Response via : Initial Calibration



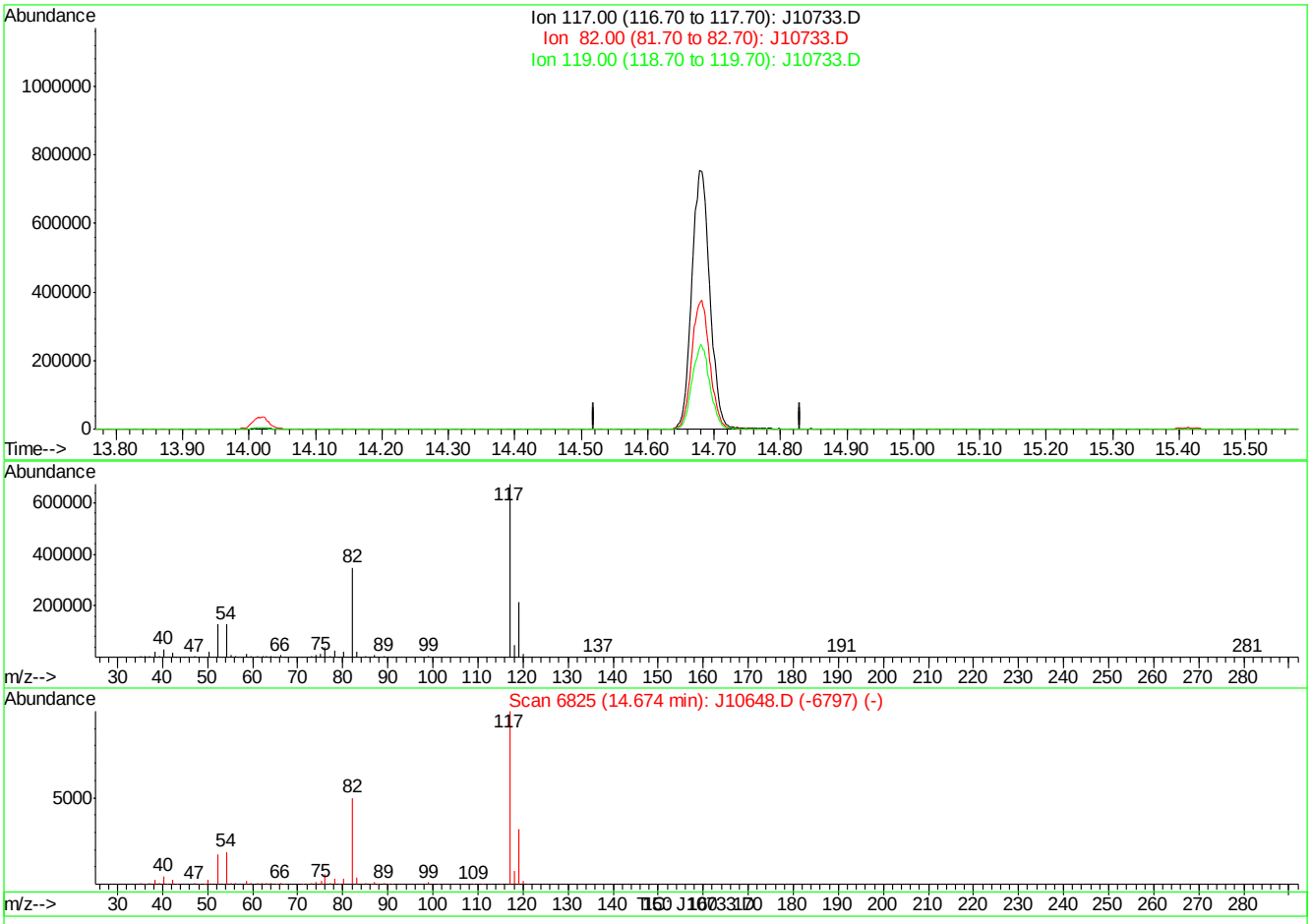
ACCUTEST Laboratories M65960

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10733.D Vial: 2
Acq On : 22 Jun 2007 1:31 pm Operator: danat
Sample : icc556-10 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 13:58:10 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 13:19:38 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	49.60	0.00#
119.00	32.40	0.00#
0.00	0.00	0.00

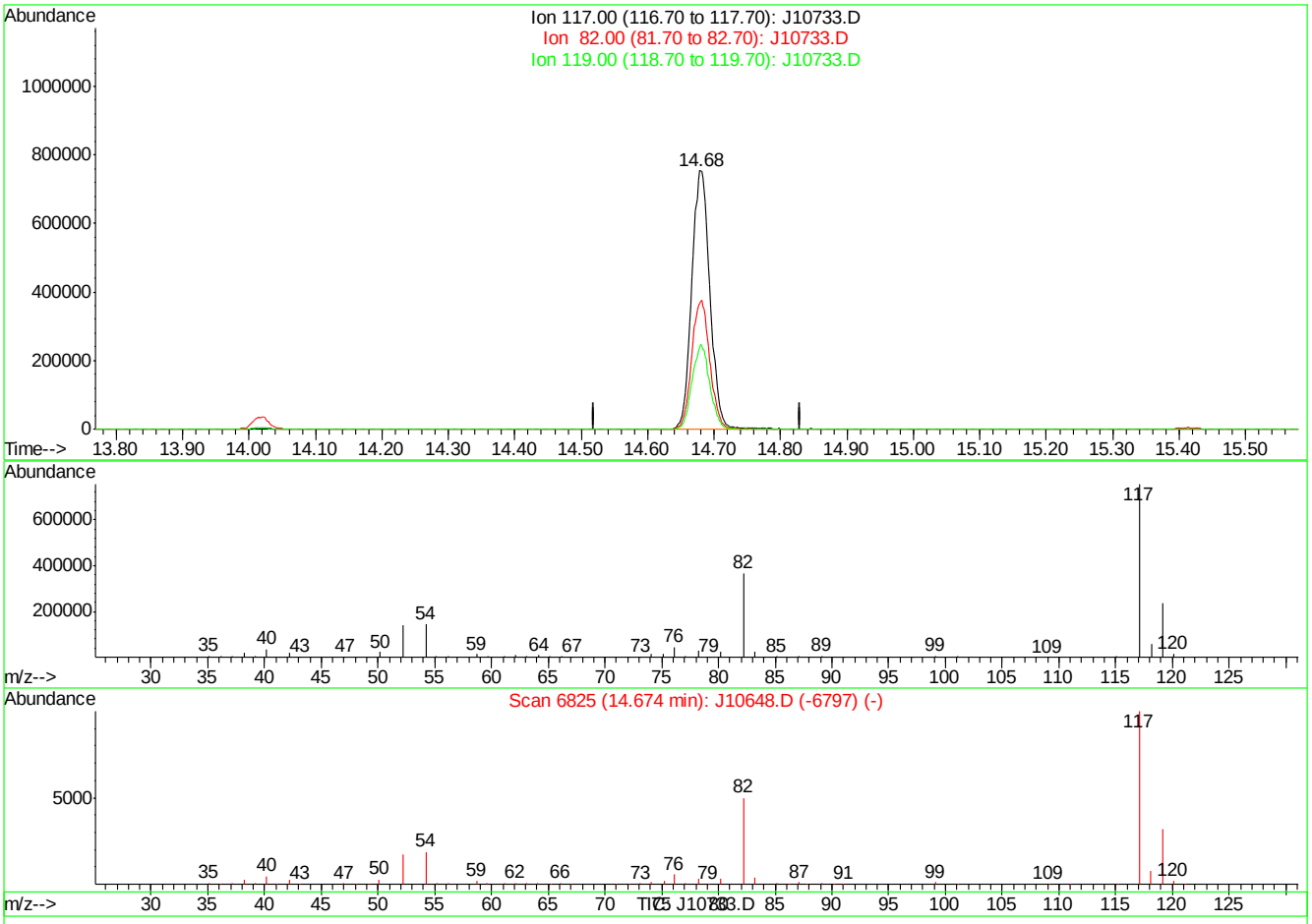
J10733.D J062207T.M Fri Jun 22 13:58:38 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10733.D Vial: 2
Acq On : 22 Jun 2007 1:31 pm Operator: danat
Sample : icc556-10 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 13:58:10 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 13:19:38 2007
Response via : Multiple Level Calibration



(49) CHLOROBENZENE-D5 (I)

14.68min 10.00PPBV m

response 1430596

Ion	Exp%	Act%
117.00	100	100
82.00	49.60	0.00#
119.00	32.40	0.00#
0.00	0.00	0.00

J10733.D J062207T.M Fri Jun 22 13:58:44 2007

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 06/26/07 15:46

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10734.D
Acq On : 22 Jun 2007 2:21 pm
Operator : danat
Sample : ic556-5 (m173)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 14:49:03 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 14:01:52 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	369647	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1607025	10.00	PPBV	-0.01
49) CHLOROBENZENE-D5	14.67	117	1336832m	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.29	95	391144	4.70	PPBV	-0.01
Spiked Amount 5.000	Range 51 - 142		Recovery = 94.00%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	492999	3.95	PPBV	99
3) PROPYLENE	4.00	41	74928	4.04	PPBV	97
4) FREON 114	4.33	85	429362	3.94	PPBV	99
5) CHLOROMETHANE	4.24	50	98168	3.81	PPBV	97
6) VINYL CHLORIDE	4.45	62	125371	4.20	PPBV	98
7) 1,3-BUTADIENE	4.59	39	92673	4.11	PPBV	99
8) BROMOMETHANE	4.86	94	158295	4.25	PPBV	100
9) CHLOROETHANE	5.03	64	62695	4.36	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.80	101	568027	4.22	PPBV	98
11) ISOPROPYL ALCOHOL	5.97	45	165358	3.56	PPBV	96
12) ACETONE	5.67	43	180295	3.58	PPBV	97
13) PENTANE	6.14	42	118433	4.23	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.43	96	166590	4.51	PPBV	96
15) CARBON DISULFIDE	6.85	76	463388	4.41	PPBV	99
16) ETHANOL	5.25	45	28219m	3.53	PPBV	
17) BROMOETHENE	5.39	106	171135	4.69	PPBV	99
18) METHYLENE CHLORIDE	6.55	84	146625	2.99	PPBV	98
19) 3-CHLOROPROPENE	6.66	39	113528	3.62	PPBV	99
20) FREON 113	6.79	151	378000	4.33	PPBV	97
21) TRANS-1,2-DICHLOROETHYLENE	7.45	96	166894	4.54	PPBV	98
22) TERTIARY BUTYL ALCOHOL	6.56	59	235053	4.59	PPBV	90
23) METHYL TERTIARY BUTYL ETHE	7.74	73	379779	4.81	PPBV	99
24) TETRAHYDROFURAN	9.19	42	110569	4.47	PPBV	98
25) HEXANE	8.63	57	188346	4.12	PPBV	99
26) VINYL ACETATE	7.80	43	208843	4.32	PPBV	99
27) 1,1-DICHLOROETHANE	7.66	63	257214	4.04	PPBV	100
28) METHYL ETHYL KETONE	8.08	43	214663	4.30	PPBV	95
29) cis-1,2-DICHLOROETHYLENE	8.46	96	164178	4.47	PPBV	100
30) ETHYL ACETATE	8.70	43	231088	4.38	PPBV	99
31) CHLOROFORM	8.74	83	388956	4.27	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.68	97	445623	4.32	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	583703	4.70	PPBV	99
34) 1,2-DICHLOROETHANE	9.45	62	237476	4.52	PPBV	99
36) BENZENE	10.12	78	397445	4.31	PPBV	99
37) CYCLOHEXANE	10.37	84	200765	4.58	PPBV	99
38) TRICHLOROETHYLENE	11.11	95	216647	4.54	PPBV	99
39) 1,2-DICHLOROPROPANE	10.90	63	128701	4.33	PPBV	99
40) BROMODICHLOROMETHANE	11.09	83	368178	4.41	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	589806	4.08	PPBV	100
42) 1,4-DIOXANE	11.19	88	77341	3.57	PPBV	93
43) HEPTANE	11.36	43	188601	4.07	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10734.D
Acq On : 22 Jun 2007 2:21 pm
Operator : danat
Sample : ic556-5 (m173)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 14:49:03 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 14:01:52 2007
Response via : Initial Calibration

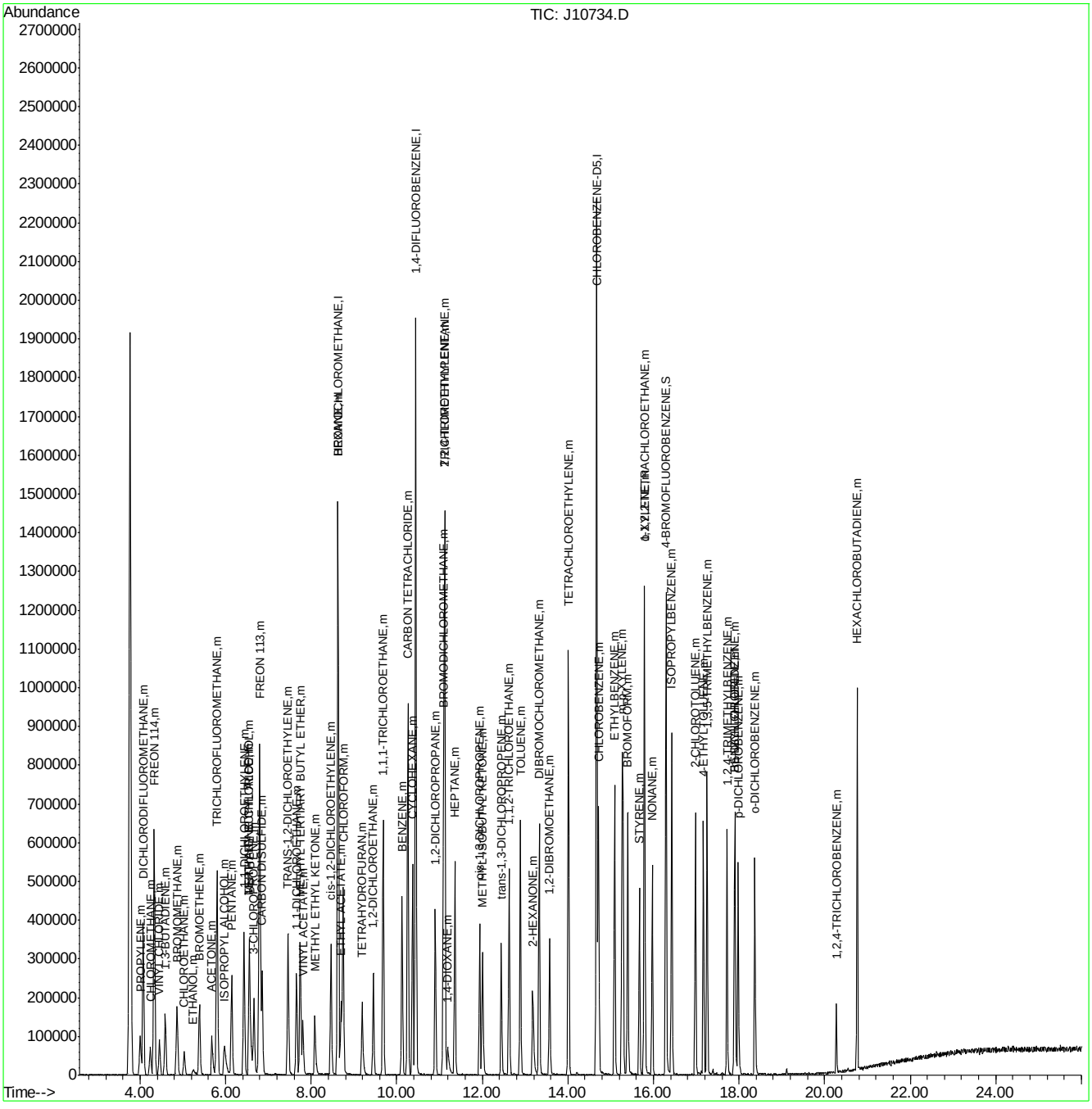
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.00	43	232297	4.08	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.94	75	197829	4.43	PPBV	98
46) TOLUENE	12.89	92	275397	4.64	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.44	75	184773	4.37	PPBV	100
48) 1,1,2-TRICHLOROETHANE	12.62	83	137204	4.40	PPBV	98
50) 2-HEXANONE	13.18	43	198241	4.57	PPBV	98
51) TETRACHLOROETHYLENE	14.01	164	253826	4.50	PPBV	99
52) DIBROMOCHLOROMETHANE	13.33	129	367355	4.54	PPBV	99
53) 1,2-DIBROMOETHANE	13.58	107	254842	4.71	PPBV	100
54) CHLOROBENZENE	14.72	112	375470	4.41	PPBV	99
55) ETHYLBENZENE	15.09	91	538154	4.80	PPBV	99
56) m,p-XYLENE	15.27	106	409870	9.05	PPBV	97
57) o-XYLENE	15.78	106	210138	4.65	PPBV	100
58) STYRENE	15.67	104	222684	3.88	PPBV	100
59) NONANE	15.97	43	170442	3.59	PPBV	98
60) BROMOFORM	15.40	173	348250	4.39	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	291818	4.16	PPBV	99
63) ISOPROPYLBENZENE	16.43	105	591630	3.91	PPBV	98
64) 2-CHLOROTOLUENE	16.98	91	361289	3.86	PPBV	98
65) 4-ETHYLTOLUENE	17.17	105	388833	3.55	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	418853	3.62	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	316544	3.46	PPBV	99
68) m-DICHLOROBENZENE	17.90	146	248467	3.67	PPBV	98
69) BENZYL CHLORIDE	17.89	91	187312	4.07	PPBV	98
70) p-DICHLOROBENZENE	17.98	146	229110	4.04	PPBV	99
71) o-DICHLOROBENZENE	18.36	146	224298	3.56	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	170344	2.33	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.27	180	51084	2.52	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10734.D
Acq On : 22 Jun 2007 2:21 pm
Operator : danat
Sample : ic556-5 (m173)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 14:49:03 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 14:01:52 2007
Response via : Initial Calibration



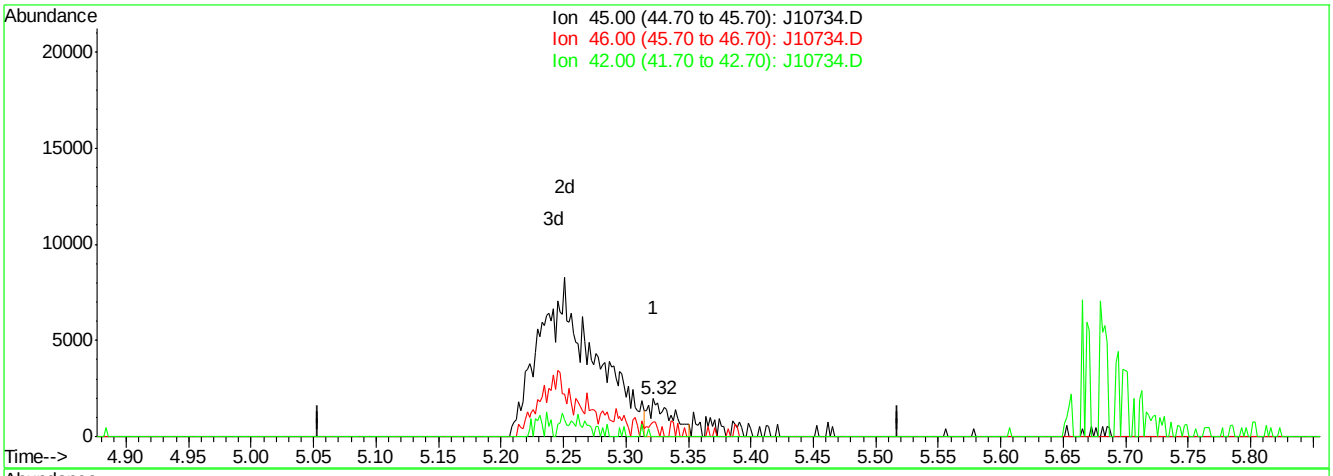
ACCUTEST Laboratories M65960

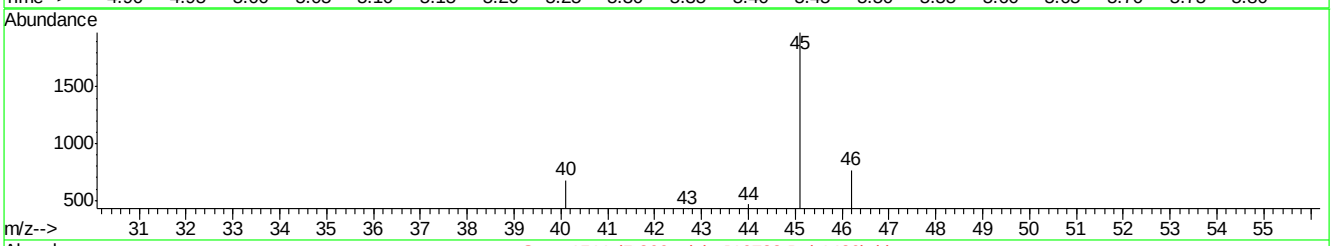
Quantitation Report (Qedit)

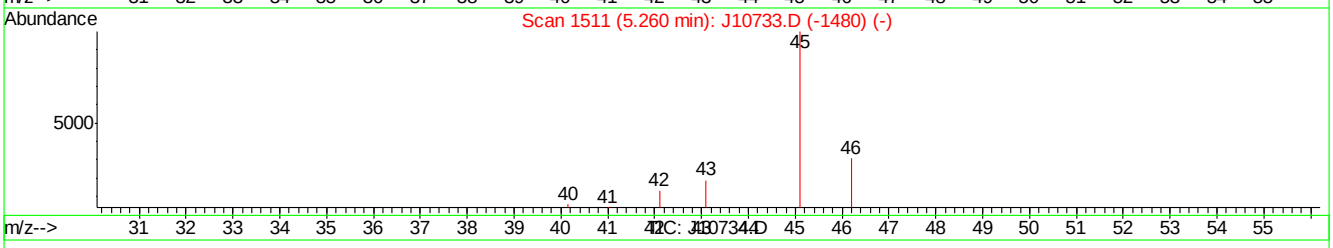
Data File : C:\MSDCHEM\1\DATA\J10734.D Vial: 2
Acq On : 22 Jun 2007 2:21 pm Operator: danat
Sample : ic556-5 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 14:47:27 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 14:01:52 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.32min 0.30PPBV

response 2429

Ion	Exp%	Act%
45.00	100	100
46.00	6.50	23.05
42.00	2.80	4.65
0.00	0.00	0.00

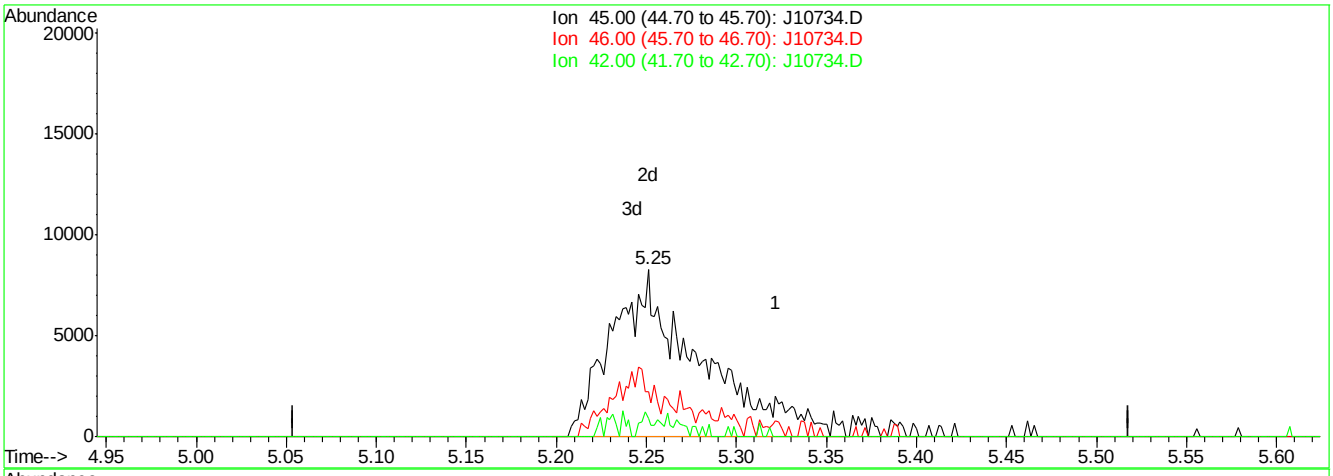
J10734.D J062207T.M Fri Jun 22 14:47:59 2007

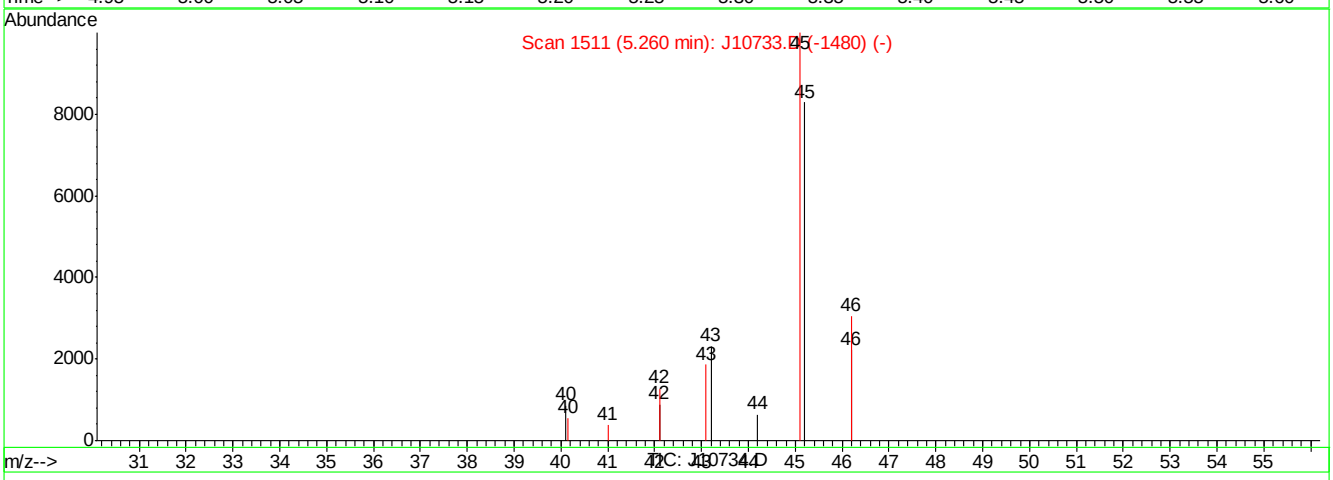
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10734.D Vial: 2
Acq On : 22 Jun 2007 2:21 pm Operator: danat
Sample : ic556-5 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 14:47:27 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 14:01:52 2007
Response via : Multiple Level Calibration





(16) ETHANOL (m)

5.25min 3.53PPBV m

response 28219

Ion	Exp%	Act%
45.00	100	100
46.00	6.50	1.98
42.00	2.80	0.40
0.00	0.00	0.00

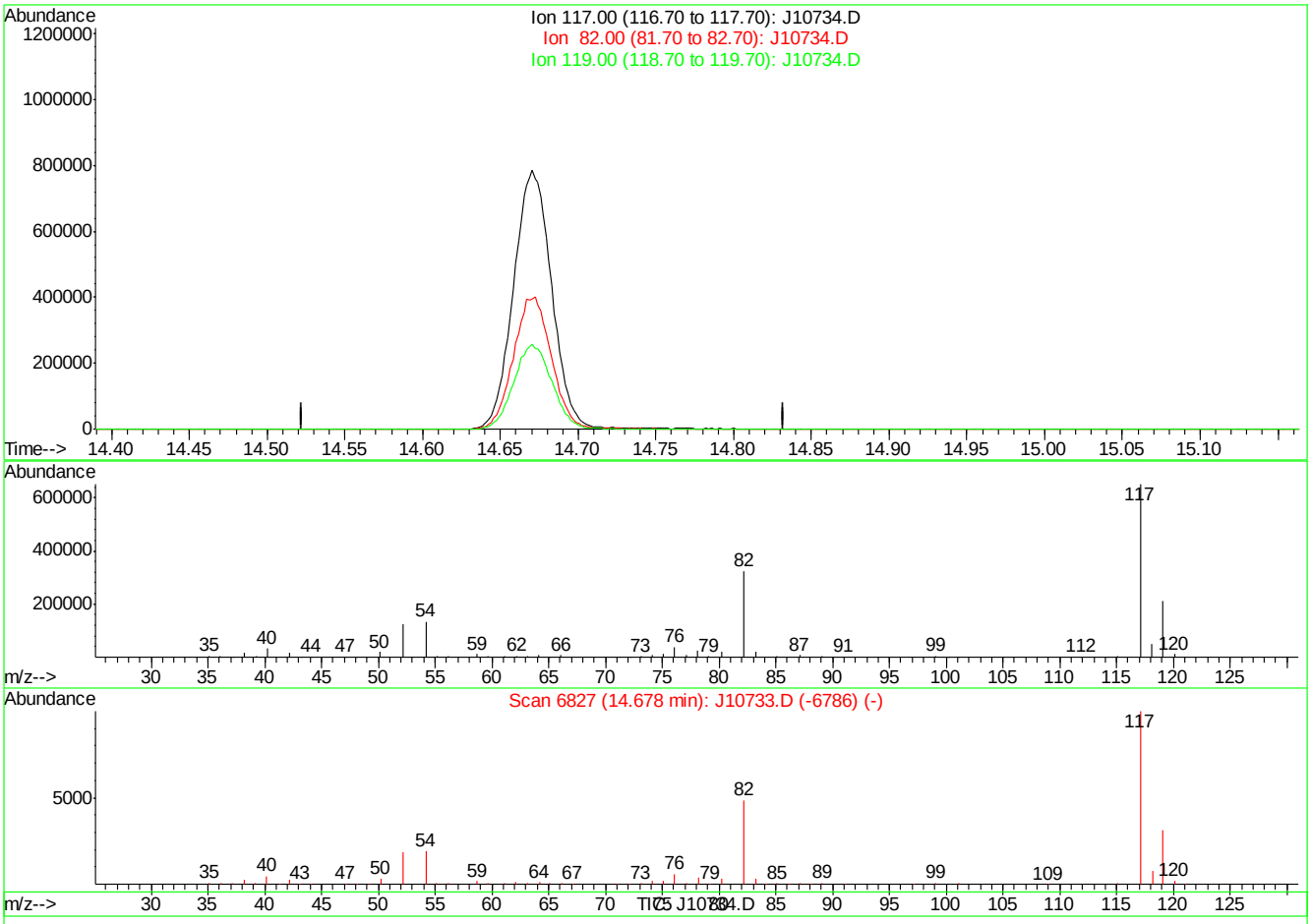
J10734.D J062207T.M Fri Jun 22 14:48:09 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10734.D Vial: 2
Acq On : 22 Jun 2007 2:21 pm Operator: danat
Sample : ic556-5 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 14:47:27 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 14:01:52 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

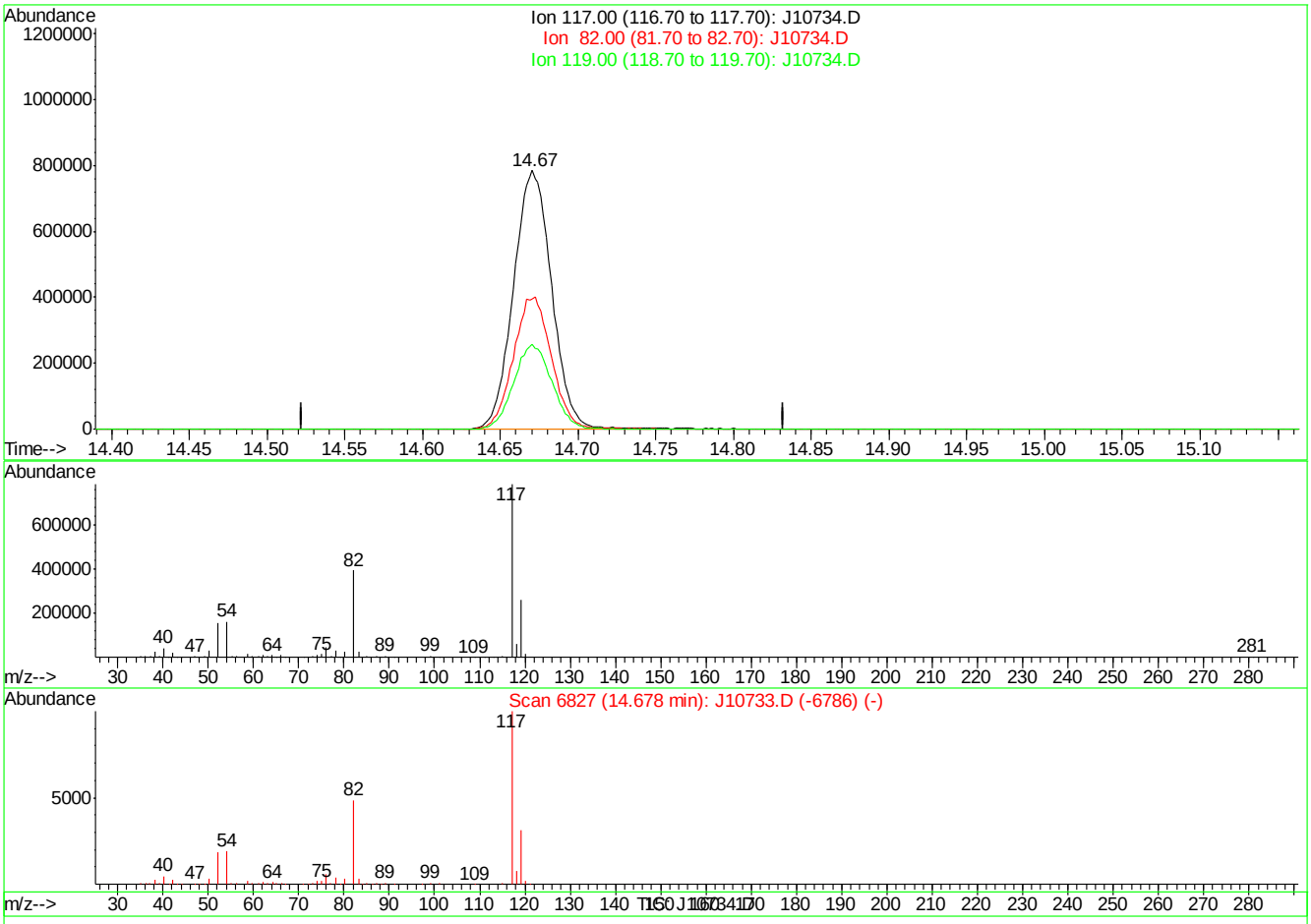
J10734.D J062207T.M Fri Jun 22 14:48:38 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10734.D Vial: 2
Acq On : 22 Jun 2007 2:21 pm Operator: danat
Sample : ic556-5 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 14:47:27 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 14:01:52 2007
Response via : Multiple Level Calibration



(49) CHLOROBENZENE-D5 (I)

14.67min 10.00PPBV m

response 1336832

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

J10734.D J062207T.M Fri Jun 22 14:48:45 2007

J10736.D

Manual Integrations APPROVED (compounds with "m" flag)

Philip Bassignani 06/26/07 15:46

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10736.D
Acq On : 22 Jun 2007 4:24 pm
Operator : danat
Sample : ic556-2 (m141)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 22 17:13:49 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 16:48:30 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	364210	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1572129	10.00	PPBV	-0.01
49) CHLOROBENZENE-D5	14.67	117	1350522	10.00	PPBV	-0.01
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.28	95	432764	5.16	PPBV	-0.02
Spiked Amount 5.000	Range 51 - 142		Recovery	=	103.20%	
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	260033	2.24	PPBV	99
3) PROPYLENE	4.00	41	37355	2.18	PPBV	90
4) FREON 114	4.33	85	224701	2.23	PPBV	97
5) CHLOROMETHANE	4.24	50	53258	2.25	PPBV	86
6) VINYL CHLORIDE	4.45	62	64433	2.32	PPBV	97
7) 1,3-BUTADIENE	4.58	39	47860	2.28	PPBV	95
8) BROMOMETHANE	4.86	94	72638	2.10	PPBV	96
9) CHLOROETHANE	5.03	64	30488	2.28	PPBV	83
10) TRICHLOROFLUOROMETHANE	5.80	101	277698	2.21	PPBV	99
11) ISOPROPYL ALCOHOL	5.98	45	73867	2.00	PPBV	84
12) ACETONE	5.68	43	105562	3.22	PPBV	98
13) PENTANE	6.14	42	54454	2.10	PPBV	97
14) 1,1-DICHLOROETHYLENE	6.42	96	72097	2.07	PPBV	93
15) CARBON DISULFIDE	6.85	76	209391	2.12	PPBV	96
16) ETHANOL	5.26	45	15690m	2.22	PPBV	
17) BROMOETHENE	5.39	106	72718	2.10	PPBV	98
18) METHYLENE CHLORIDE	6.55	84	132998	4.30	PPBV	94
19) 3-CHLOROPROPENE	6.67	39	55754	1.95	PPBV	93
20) FREON 113	6.79	151	168819	2.07	PPBV	94
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	69579	2.01	PPBV	95
22) TERTIARY BUTYL ALCOHOL	6.58	59	74619	1.60	PPBV #	72
23) METHYL TERTIARY BUTYL ETHE	7.74	73	143587	1.92	PPBV	97
24) TETRAHYDROFURAN	9.19	42	43287	1.87	PPBV	96
25) HEXANE	8.64	57	88775	2.09	PPBV	98
26) VINYL ACETATE	7.80	43	63301	1.45	PPBV	91
27) 1,1-DICHLOROETHANE	7.66	63	121238	2.07	PPBV	100
28) METHYL ETHYL KETONE	8.09	43	90278	1.96	PPBV	97
29) cis-1,2-DICHLOROETHYLENE	8.46	96	68575	1.99	PPBV	96
30) ETHYL ACETATE	8.70	43	95501	1.95	PPBV #	97
31) CHLOROFORM	8.74	83	175621	2.06	PPBV	98
32) 1,1,1-TRICHLOROETHANE	9.68	97	209375	2.17	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	246216	2.09	PPBV	99
34) 1,2-DICHLOROETHANE	9.45	62	103633	2.09	PPBV	99
36) BENZENE	10.12	78	171630	2.02	PPBV	99
37) CYCLOHEXANE	10.37	84	76754	1.87	PPBV	96
38) TRICHLOROETHYLENE	11.12	95	88780	2.02	PPBV	97
39) 1,2-DICHLOROPROPANE	10.90	63	56166	2.05	PPBV	98
40) BROMODICHLOROMETHANE	11.09	83	155718	2.02	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	258861	1.98	PPBV	98
42) 1,4-DIOXANE	11.21	88	25325	1.37	PPBV	91
43) HEPTANE	11.36	43	80952	1.95	PPBV	96

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10736.D
Acq On : 22 Jun 2007 4:24 pm
Operator : danat
Sample : ic556-2 (m141)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 22 17:13:49 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 16:48:30 2007
Response via : Initial Calibration

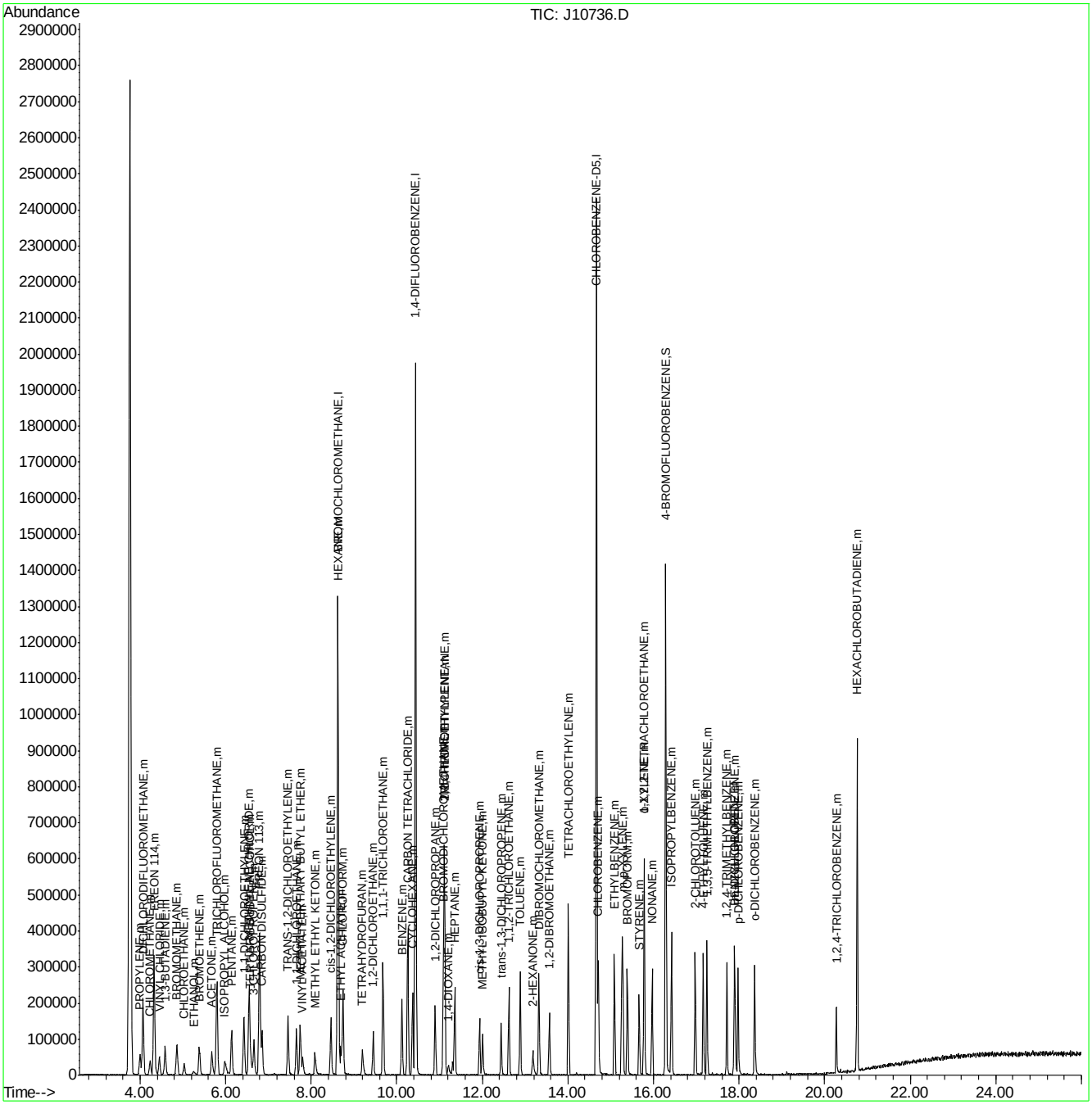
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.00	43	74822	1.51	PPBV	94
45) cis-1,3-DICHLOROPROPENE	11.94	75	77084	1.84	PPBV	98
46) TOLUENE	12.88	92	111690	2.02	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.44	75	70568	1.76	PPBV	97
48) 1,1,2-TRICHLOROETHANE	12.62	83	57988	2.02	PPBV	96
50) 2-HEXANONE	13.18	43	56001	1.39	PPBV	93
51) TETRACHLOROETHYLENE	14.01	164	103439	1.93	PPBV	99
52) DIBROMOCHLOROMETHANE	13.32	129	147147	1.91	PPBV	98
53) 1,2-DIBROMOETHANE	13.57	107	104915	2.01	PPBV	100
54) CHLOROBENZENE	14.71	112	159906	1.99	PPBV	98
55) ETHYLBENZENE	15.09	91	219688	2.05	PPBV	98
56) m,p-XYLENE	15.28	106	178334	4.20	PPBV	94
57) o-XYLENE	15.78	106	85642	2.34	PPBV	95
58) STYRENE	15.66	104	100397	1.87	PPBV	99
59) NONANE	15.97	43	85256	2.09	PPBV	98
60) BROMOFORM	15.39	173	142230	1.89	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	132198	2.04	PPBV	99
63) ISOPROPYLBENZENE	16.42	105	242475	1.78	PPBV	99
64) 2-CHLOROTOLUENE	16.98	91	166896	1.97	PPBV	98
65) 4-ETHYLTOLUENE	17.17	105	182469	1.90	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	185131	1.84	PPBV	97
67) 1,2,4-TRIMETHYLBENZENE	17.71	105	148051	1.92	PPBV	99
68) m-DICHLOROBENZENE	17.90	146	131452	2.14	PPBV	100
69) BENZYL CHLORIDE	17.89	91	78838	2.36	PPBV	98
70) p-DICHLOROBENZENE	17.97	146	117318	2.17	PPBV	97
71) o-DICHLOROBENZENE	18.37	146	119909	2.15	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	152602	3.82	PPBV	96
73) 1,2,4-TRICHLOROBENZENE	20.27	180	50010	3.83	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10736.D
Acq On : 22 Jun 2007 4:24 pm
Operator : danat
Sample : ic556-2 (m141)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 22 17:13:49 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 16:48:30 2007
Response via : Initial Calibration

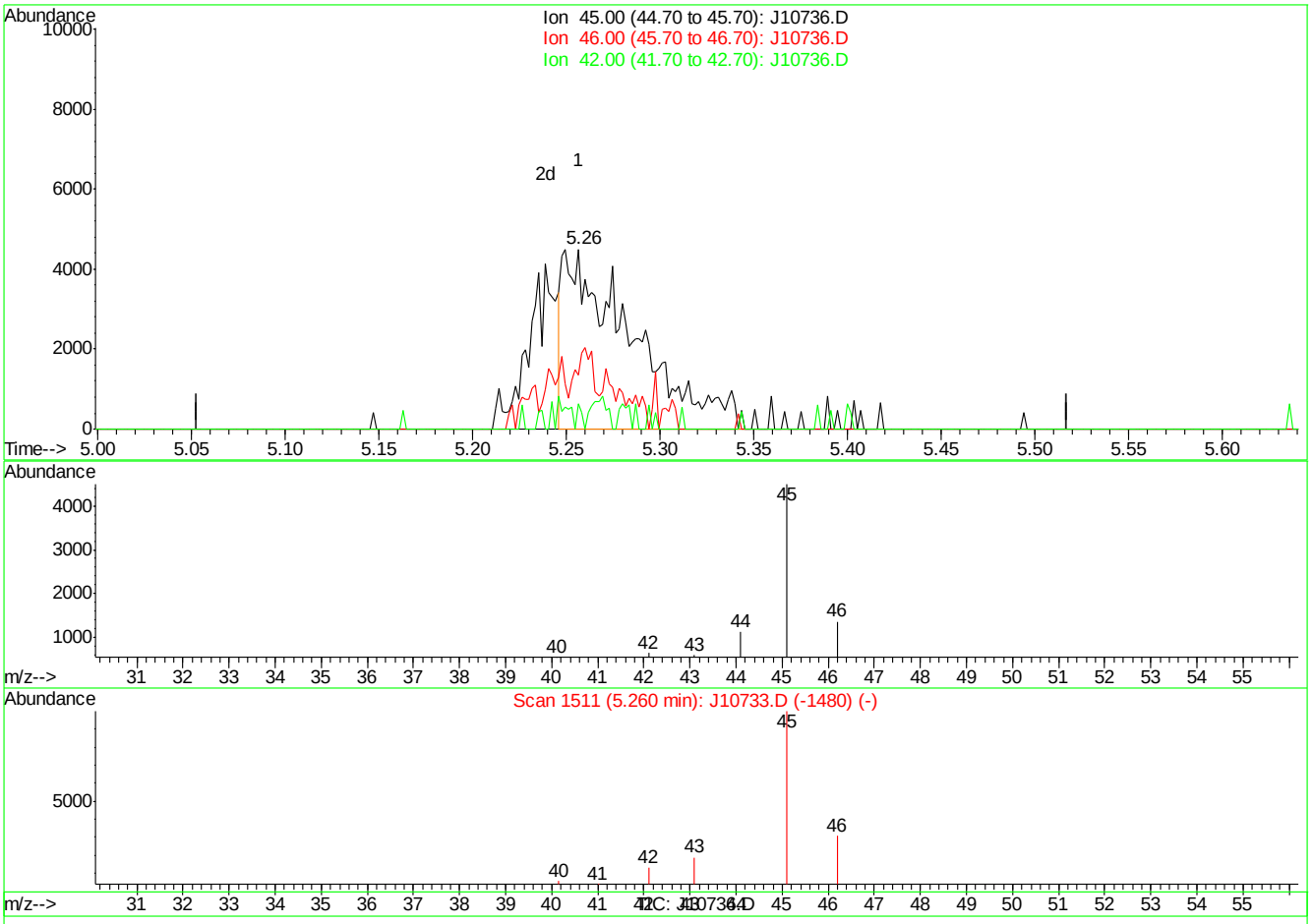


Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10736.D Vial: 1
Acq On : 22 Jun 2007 4:24 pm Operator: danat
Sample : ic556-2 (m141) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 17:12:29 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 16:48:30 2007
Response via : Multiple Level Calibration



(16) ETHANOL (m)

5.26min 1.62PPBV

response 11442

Ion	Exp%	Act%
45.00	100	100
46.00	6.50	26.21
42.00	2.80	3.85
0.00	0.00	0.00

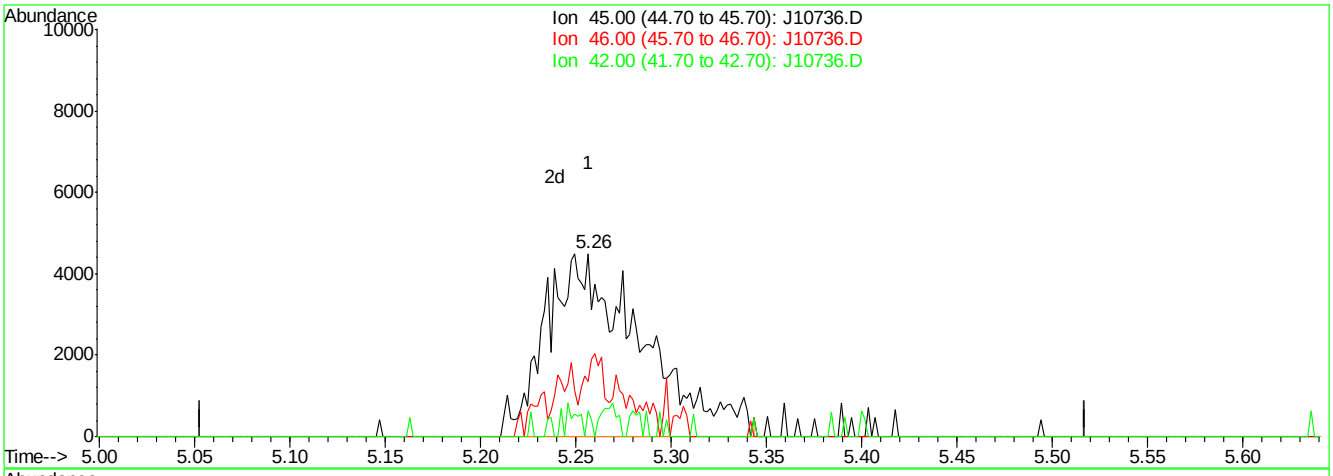
J10736.D J062207T.M Fri Jun 22 17:12:56 2007

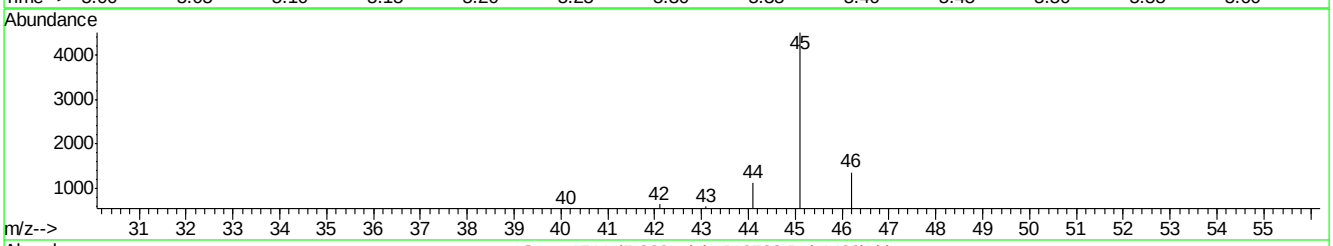
Quantitation Report (Qedit)

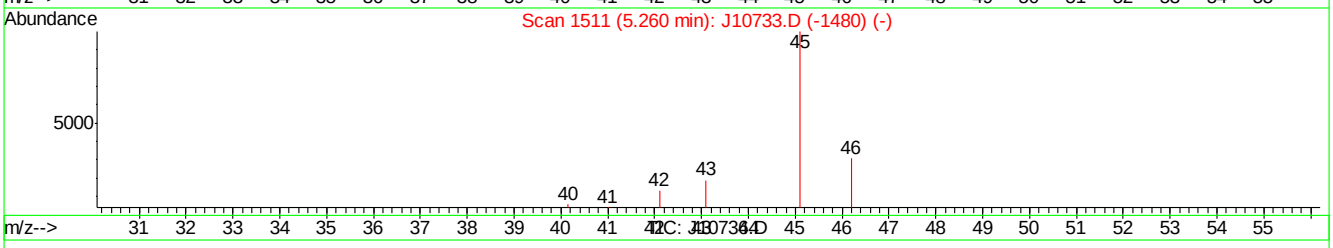
Data File : C:\MSDChem\1\data\J10736.D Vial: 1
Acq On : 22 Jun 2007 4:24 pm Operator: danat
Sample : ic556-2 (m141) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 17:12:29 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 16:48:30 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.26min 2.22PPBV m

response 15690

Ion	Exp%	Act%
45.00	100	100
46.00	6.50	19.11
42.00	2.80	2.81
0.00	0.00	0.00

J10736.D J062207T.M Fri Jun 22 17:13:02 2007

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10737a.D
Acq On : 22 Jun 2007 5:13 pm
Operator : danat
Sample : cc556-10 (m045)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 22 17:40:10 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.64	128	320244	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.45	114	1347074	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.68	117	1210672	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.30	95	406390	5.41	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 108.20%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.09	85	1251942	12.25	PPBV	99
3) PROPYLENE	4.02	41	194637	12.93	PPBV	93
4) FREON 114	4.34	85	1093229	12.36	PPBV	96
5) CHLOROMETHANE	4.25	50	262287	12.59	PPBV	99
6) VINYL CHLORIDE	4.47	62	312911	12.83	PPBV	98
7) 1,3-BUTADIENE	4.60	39	236530	12.81	PPBV	94
8) BROMOMETHANE	4.87	94	361701	11.90	PPBV	99
9) CHLOROETHANE	5.04	64	148362	12.61	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.81	101	1330289	12.05	PPBV	100
11) ISOPROPYL ALCOHOL	6.01	45	333715	12.13	PPBV	95
12) ACETONE	5.69	43	335470	12.60	PPBV	96
13) PENTANE	6.16	42	274849	12.08	PPBV	97
14) 1,1-DICHLOROETHYLENE	6.44	96	343576	11.20	PPBV	91
15) CARBON DISULFIDE	6.86	76	966004	11.11	PPBV	97
16) ETHANOL	5.28	45	50201	8.08	PPBV	87
17) BROMOETHENE	5.40	106	364685	11.95	PPBV	98
18) METHYLENE CHLORIDE	6.56	84	299567	11.87	PPBV	94
19) 3-CHLOROPROPENE	6.68	39	293420	11.70	PPBV	93
20) FREON 113	6.80	151	761595	10.61	PPBV	94
21) TRANS-1,2-DICHLOROETHYLENE	7.47	96	333890	10.98	PPBV	94
22) TERTIARY BUTYL ALCOHOL	6.61	59	435912	10.66	PPBV	97
23) METHYL TERTIARY BUTYL ETHE	7.75	73	663201	10.10	PPBV	97
24) TETRAHYDROFURAN	9.20	42	194258	9.52	PPBV	96
25) HEXANE	8.64	57	351657	9.41	PPBV	97
26) VINYL ACETATE	7.82	43	384790	10.03	PPBV	97
27) 1,1-DICHLOROETHANE	7.67	63	546865	10.62	PPBV	99
28) METHYL ETHYL KETONE	8.10	43	373680	9.21	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.47	96	305720	10.08	PPBV	95
30) ETHYL ACETATE	8.72	43	403226	9.37	PPBV	99
31) CHLOROFORM	8.76	83	767126	10.25	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.69	97	933714	10.99	PPBV	99
33) CARBON TETRACHLORIDE	10.27	117	1175776	11.35	PPBV	99
34) 1,2-DICHLOROETHANE	9.47	62	439607	10.10	PPBV	100
36) BENZENE	10.14	78	742618	10.18	PPBV	99
37) CYCLOHEXANE	10.38	84	389244	11.08	PPBV	98
38) TRICHLOROETHYLENE	11.13	95	392127	10.40	PPBV	98
39) 1,2-DICHLOROPROPANE	10.91	63	242018	10.31	PPBV	98
40) BROMODICHLOROMETHANE	11.10	83	681405	10.34	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.13	57	1300525	11.64	PPBV	100
42) 1,4-DIOXANE	11.21	88	114575	7.26	PPBV	92
43) HEPTANE	11.37	43	386979	10.88	PPBV	97

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10737a.D
Acq On : 22 Jun 2007 5:13 pm
Operator : danat
Sample : cc556-10 (m045)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 22 17:40:10 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration

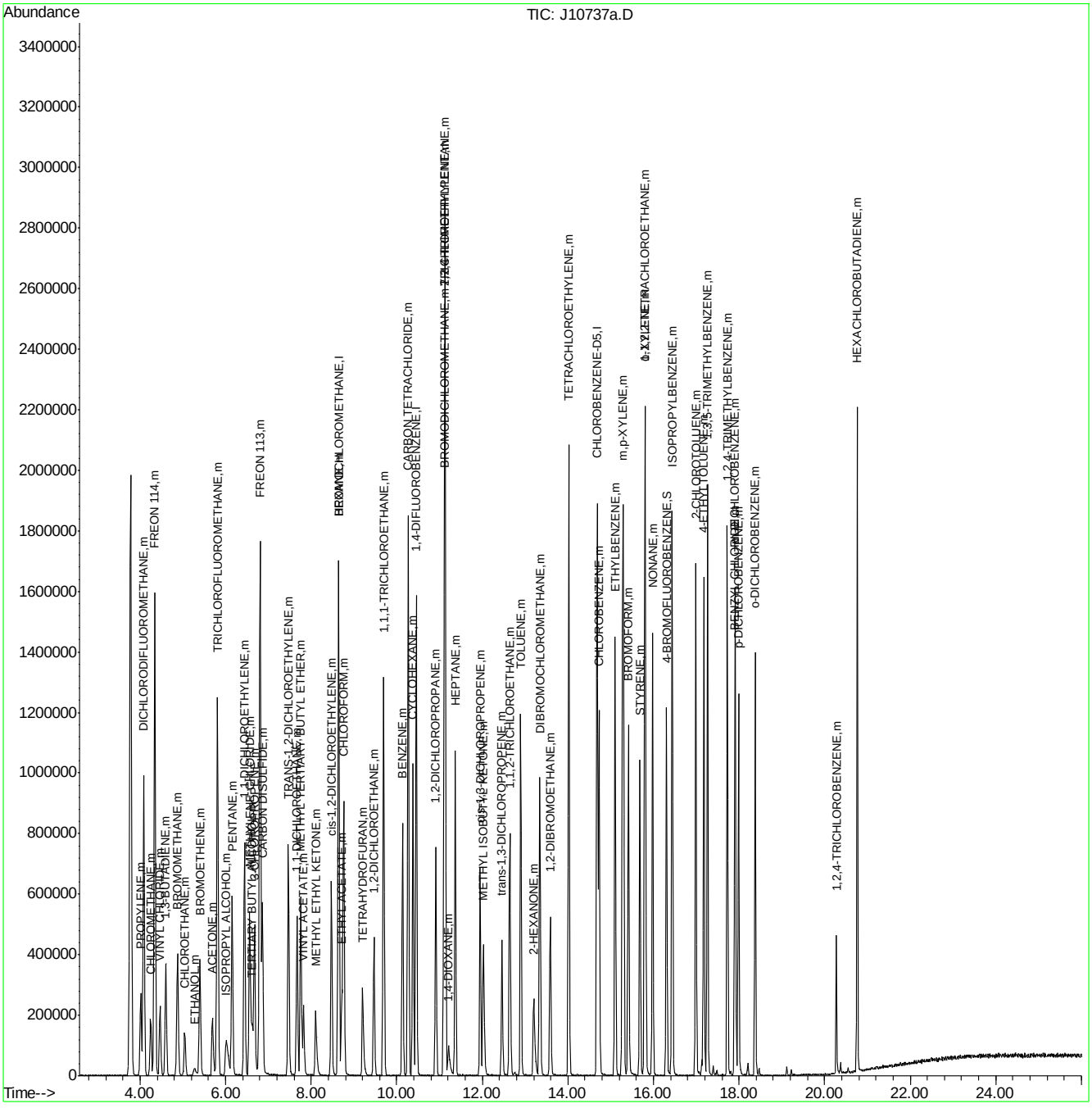
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.02	43	388757	9.16	PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.95	75	377142	10.48	PPBV	98
46) TOLUENE	12.90	92	527518	11.14	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.45	75	290004	8.46	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.64	83	254527	10.34	PPBV	98
50) 2-HEXANONE	13.20	43	272464	7.54	PPBV	97
51) TETRACHLOROETHYLENE	14.02	164	483746	10.05	PPBV	99
52) DIBROMOCHLOROMETHANE	13.34	129	685920	9.96	PPBV	100
53) 1,2-DIBROMOETHANE	13.59	107	455838	9.74	PPBV	100
54) CHLOROBENZENE	14.72	112	726133	10.06	PPBV	97
55) ETHYLBENZENE	15.10	91	1141753	11.91	PPBV	99
56) m,p-XYLENE	15.29	106	934942	24.56	PPBV	94
57) o-XYLENE	15.80	106	471461	9.97	PPBV	98
58) STYRENE	15.68	104	570335	11.84	PPBV	99
59) NONANE	15.98	43	499989	13.67	PPBV	99
60) BROMOFORM	15.41	173	655834	9.74	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.81	83	569812	9.79	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	1382160	11.33	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	931470	12.28	PPBV	99
65) 4-ETHYLTOLUENE	17.18	105	1068948	12.43	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1091265	12.08	PPBV	100
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	946715	13.68	PPBV	99
68) m-DICHLOROBENZENE	17.91	146	596500	10.84	PPBV	100
69) BENZYL CHLORIDE	17.89	91	379757	9.78	PPBV	100
70) p-DICHLOROBENZENE	17.99	146	518003	10.68	PPBV	99
71) o-DICHLOROBENZENE	18.37	146	543920	10.87	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	371513	11.63	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	126764	11.63	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10737a.D
Acq On : 22 Jun 2007 5:13 pm
Operator : danat
Sample : cc556-10 (m045)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 22 17:40:10 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration



ACCUTEST Laboratories M65960

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10737.D
Acq On : 22 Jun 2007 5:13 pm
Operator : danat
Sample : icv556-10 (m045)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 09:23:51 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.64	128	320244	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.45	114	1347074	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.68	117	1210672	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.30	95	406390	5.41	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 108.20%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.09	85	1251942	12.25	PPBV	99
3) PROPYLENE	4.02	41	194637	12.93	PPBV	93
4) FREON 114	4.34	85	1093229	12.36	PPBV	96
5) CHLOROMETHANE	4.25	50	262287	12.59	PPBV	99
6) VINYL CHLORIDE	4.47	62	312911	12.83	PPBV	98
7) 1,3-BUTADIENE	4.60	39	236530	12.81	PPBV	94
8) BROMOMETHANE	4.87	94	361701	11.90	PPBV	99
9) CHLOROETHANE	5.04	64	148362	12.61	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.81	101	1330289	12.05	PPBV	100
11) ISOPROPYL ALCOHOL	6.01	45	333715	12.13	PPBV	95
12) ACETONE	5.69	43	335470	12.60	PPBV	96
13) PENTANE	6.16	42	274849	12.08	PPBV	97
14) 1,1-DICHLOROETHYLENE	6.44	96	343576	11.20	PPBV	91
15) CARBON DISULFIDE	6.86	76	966004	11.11	PPBV	97
16) ETHANOL	5.28	45	50201	8.08	PPBV	87
17) BROMOETHENE	5.40	106	364685	11.95	PPBV	98
18) METHYLENE CHLORIDE	6.56	84	299567	11.87	PPBV	94
19) 3-CHLOROPROPENE	6.68	39	293420	11.70	PPBV	93
20) FREON 113	6.80	151	761595	10.61	PPBV	94
21) TRANS-1,2-DICHLOROETHYLENE	7.47	96	333890	10.98	PPBV	94
22) TERTIARY BUTYL ALCOHOL	6.61	59	435912	10.66	PPBV	97
23) METHYL TERTIARY BUTYL ETHE	7.75	73	663201	10.10	PPBV	97
24) TETRAHYDROFURAN	9.20	42	194258	9.52	PPBV	96
25) HEXANE	8.64	57	351657	9.41	PPBV	97
26) VINYL ACETATE	7.82	43	384790	10.03	PPBV	97
27) 1,1-DICHLOROETHANE	7.67	63	546865	10.62	PPBV	99
28) METHYL ETHYL KETONE	8.10	43	373680	9.21	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.47	96	305720	10.08	PPBV	95
30) ETHYL ACETATE	8.72	43	403226	9.37	PPBV	99
31) CHLOROFORM	8.76	83	767126	10.25	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.69	97	933714	10.99	PPBV	99
33) CARBON TETRACHLORIDE	10.27	117	1175776	11.35	PPBV	99
34) 1,2-DICHLOROETHANE	9.47	62	439607	10.10	PPBV	100
36) BENZENE	10.14	78	742618	10.18	PPBV	99
37) CYCLOHEXANE	10.38	84	389244	11.08	PPBV	98
38) TRICHLOROETHYLENE	11.13	95	392127	10.40	PPBV	98
39) 1,2-DICHLOROPROPANE	10.91	63	242018	10.31	PPBV	98
40) BROMODICHLOROMETHANE	11.10	83	681405	10.34	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.13	57	1300525	11.64	PPBV	100
42) 1,4-DIOXANE	11.21	88	114575	7.26	PPBV	92
43) HEPTANE	11.37	43	386979	10.88	PPBV	97

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10737.D
Acq On : 22 Jun 2007 5:13 pm
Operator : danat
Sample : icv556-10 (m045)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 09:23:51 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration

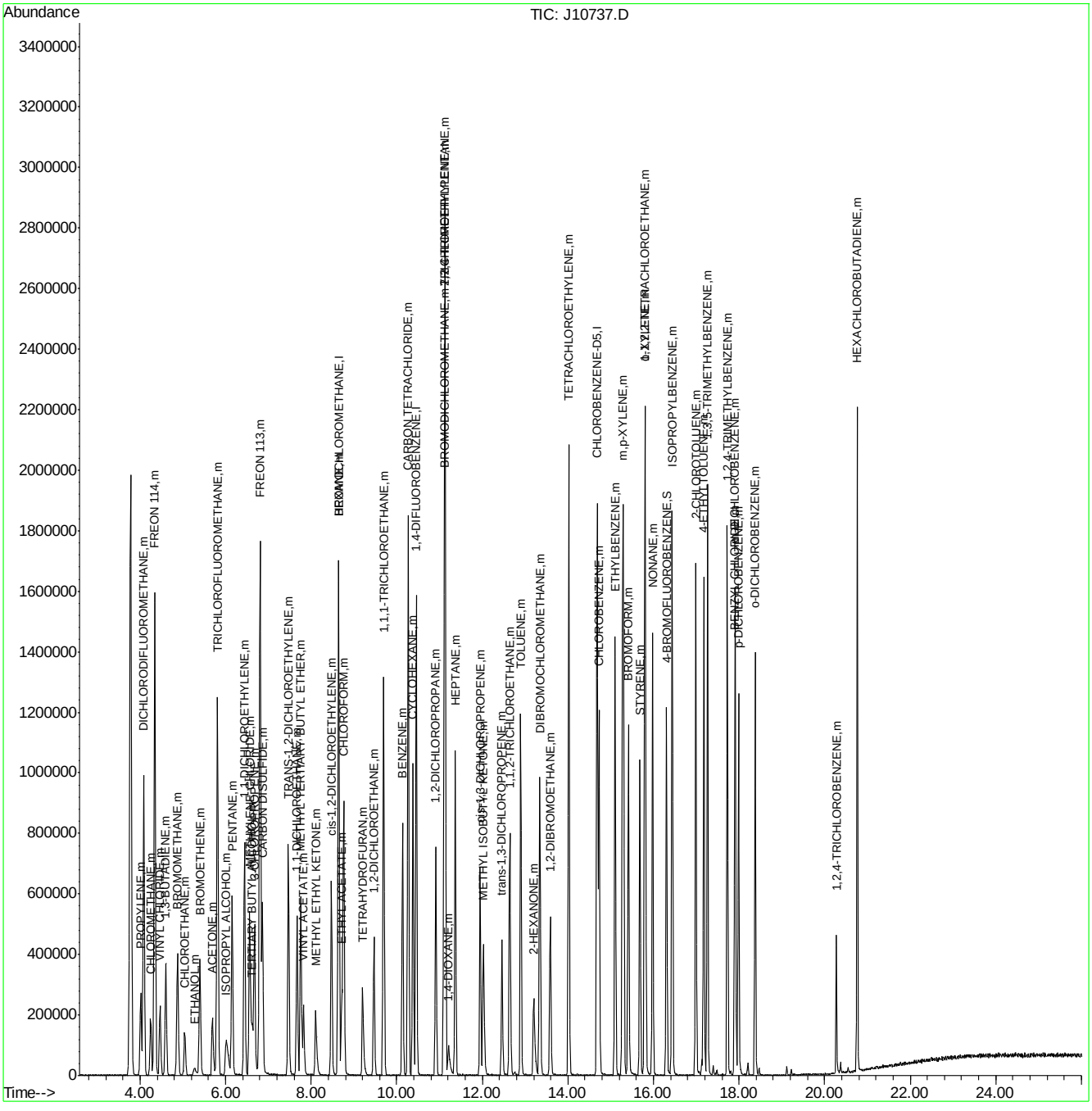
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.02	43	388757	9.16	PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.95	75	377142	10.48	PPBV	98
46) TOLUENE	12.90	92	527518	11.14	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.45	75	290004	8.46	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.64	83	254527	10.34	PPBV	98
50) 2-HEXANONE	13.20	43	272464	7.54	PPBV	97
51) TETRACHLOROETHYLENE	14.02	164	483746	10.05	PPBV	99
52) DIBROMOCHLOROMETHANE	13.34	129	685920	9.96	PPBV	100
53) 1,2-DIBROMOETHANE	13.59	107	455838	9.74	PPBV	100
54) CHLOROBENZENE	14.72	112	726133	10.06	PPBV	97
55) ETHYLBENZENE	15.10	91	1141753	11.91	PPBV	99
56) m,p-XYLENE	15.29	106	934942	24.56	PPBV	94
57) o-XYLENE	15.80	106	471461	9.97	PPBV	98
58) STYRENE	15.68	104	570335	11.84	PPBV	99
59) NONANE	15.98	43	499989	13.67	PPBV	99
60) BROMOFORM	15.41	173	655834	9.74	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.81	83	569812	9.79	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	1382160	11.33	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	931470	12.28	PPBV	99
65) 4-ETHYLTOLUENE	17.18	105	1068948	12.43	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1091265	12.08	PPBV	100
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	946715	13.68	PPBV	99
68) m-DICHLOROBENZENE	17.91	146	596500	10.84	PPBV	100
69) BENZYL CHLORIDE	17.89	91	379757	9.78	PPBV	100
70) p-DICHLOROBENZENE	17.99	146	518003	10.68	PPBV	99
71) o-DICHLOROBENZENE	18.37	146	543920	10.87	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	371513	11.63	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	126764	11.63	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10737.D
Acq On : 22 Jun 2007 5:13 pm
Operator : danat
Sample : icv556-10 (m045)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 09:23:51 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
06/26/07 16:29

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3798.D
Acq On : 25 Jun 2007 3:58 pm
Operator : PhilipB
Sample : IC204-40 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 25 16:55:41 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 16:54:56 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	126451	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.467	114	553387	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.707	117	482073	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.329	95	205834	5.02	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 100.40%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.033	85	2409624	40.02	PPBV #	100
3) PROPYLENE	3.964	41	684435	39.67	PPBV	100
4) FREON 114	4.294	85	2182403	40.03	PPBV #	95
5) CHLOROMETHANE	4.196	50	895016	40.07	PPBV	100
6) VINYL CHLORIDE	4.418	62	891153	39.40	PPBV #	100
7) 1,3-BUTADIENE	4.557	39	624056	39.98	PPBV #	100
8) BROMOMETHANE	4.832	94	759349	39.88	PPBV #	100
9) CHLOROETHANE	5.006	64	367780	39.98	PPBV #	1
10) TRICHLOROFLUOROMETHANE	5.788	101	2214825	40.03	PPBV #	100
11) ISOPROPYL ALCOHOL	5.826	45	1159409	39.72	PPBV	100
12) ACETONE	5.590	43	1004896	39.71	PPBV #	100
13) PENTANE	6.143	42	674952	39.97	PPBV #	1
14) 1,1-DICHLOROETHYLENE	6.426	96	671445	39.96	PPBV #	100
15) CARBON DISULFIDE	6.857	76	1813659	39.82	PPBV	84
16) ETHANOL	5.096	45	235983	39.49	PPBV #	5
17) BROMOETHENE	5.366	106	706822	39.97	PPBV #	100
18) METHYLENE CHLORIDE	6.539	84	596037	39.98	PPBV #	100
19) 3-CHLOROPROPENE	6.660	39	597680	39.88	PPBV #	1
20) FREON 113	6.800	151	1145818	40.00	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.469	96	644150	39.92	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.431	59	1576580	39.93	PPBV	100
23) METHYL TERTIARY BUTYL ...	7.709	73	1434174	40.03	PPBV #	100
24) TETRAHYDROFURAN	9.139	42	822694	39.92	PPBV #	100
25) HEXANE	8.672	57	1241496	40.02	PPBV #	100
26) VINYL ACETATE	7.792	43	1210448	39.47	PPBV	92
27) 1,1-DICHLOROETHANE	7.666	63	1354190	39.96	PPBV #	100
28) METHYL ETHYL KETONE	8.033	43	1568994	39.69	PPBV	100
29) cis-1,2-DICHLOROETHYLENE	8.474	96	695358	39.94	PPBV #	100
30) ETHYL ACETATE	8.665	43	2341762	40.12	PPBV	100
31) CHLOROFORM	8.758	83	1738013	40.00	PPBV #	72
32) 1,1,1-TRICHLOROETHANE	9.712	97	1868092	40.10	PPBV	100
33) CARBON TETRACHLORIDE	10.295	117	2032080	40.02	PPBV	100
34) 1,2-DICHLOROETHANE	9.466	62	1284872	40.25	PPBV	100
36) BENZENE	10.153	78	1812394	39.99	PPBV	100
37) CYCLOHEXANE	10.415	84	775001	40.00	PPBV	100
38) TRICHLOROETHYLENE	11.150	95	967517	40.00	PPBV	100
39) 1,2-DICHLOROPROPANE	10.926	63	789441	40.00	PPBV	100
40) BROMODICHLOROMETHANE	11.113	83	1728323	40.17	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.177	57	3865651	40.00	PPBV	100
42) 1,4-DIOXANE	11.136	88	325299	40.00	PPBV	100
43) HEPTANE	11.411	43	1413857	40.00	PPBV	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3798.D
Acq On : 25 Jun 2007 3:58 pm
Operator : PhilipB
Sample : IC204-40 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 25 16:55:41 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 16:54:56 2007
Response via : Initial Calibration

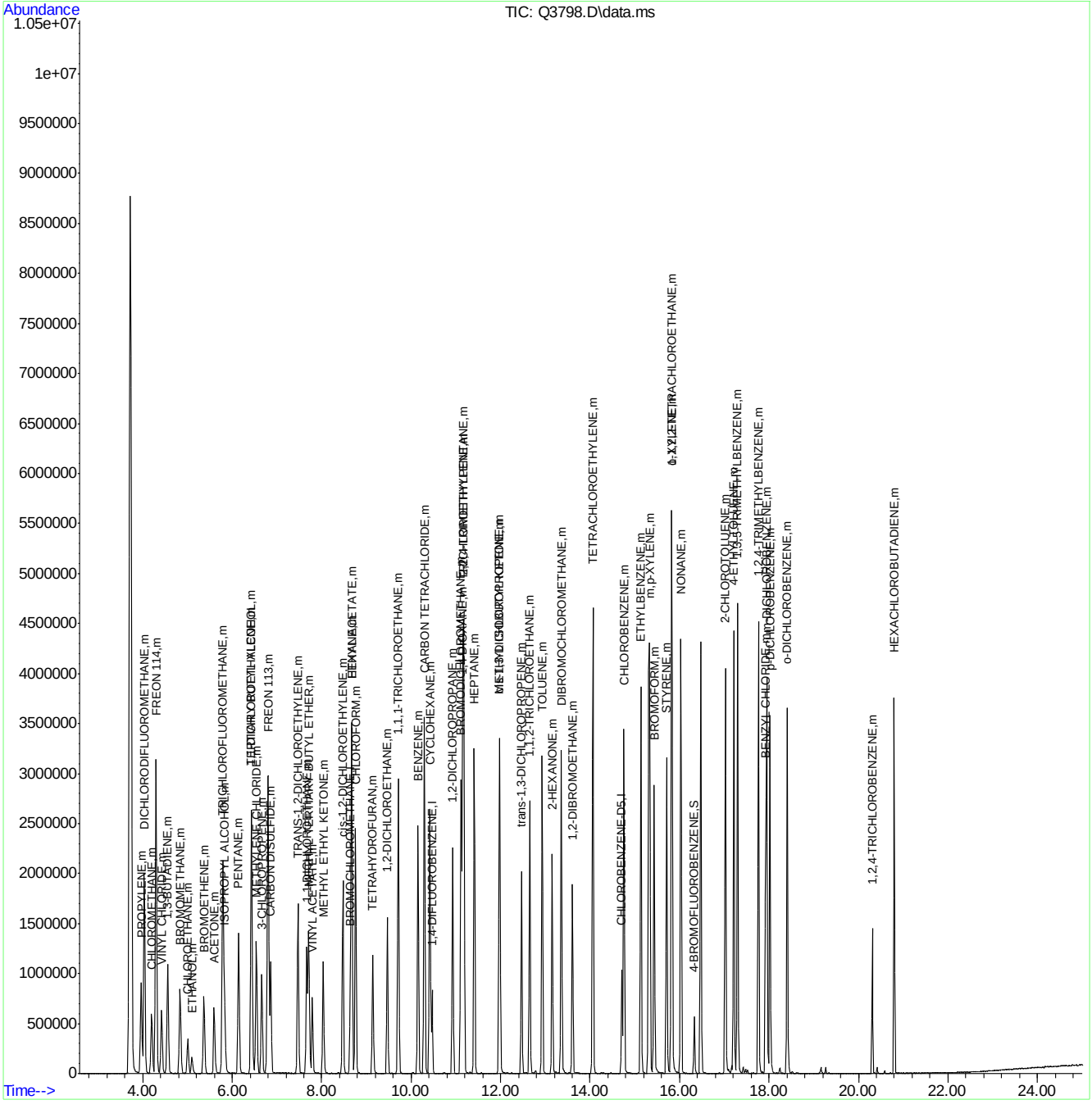
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.984	43	1663372	40.00	PPBV	100
45) cis-1,3-DICHLOROPROPENE	11.965	75	1006882	40.00	PPBV	100
46) TOLUENE	12.928	92	1198081	39.99	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.467	75	957829	40.01	PPBV	100
48) 1,1,2-TRICHLOROETHANE	12.650	83	655967	39.88	PPBV	100
50) 2-HEXANONE	13.152	43	1519329	40.14	PPBV	100
51) TETRACHLOROETHYLENE	14.061	164	889760	40.17	PPBV	100
52) DIBROMOCHLOROMETHANE	13.356	129	1650939	40.17	PPBV	100
53) 1,2-DIBROMOETHANE	13.608	107	1218781	39.97	PPBV	99
54) CHLOROBENZENE	14.756	112	1657726	40.17	PPBV	99
55) ETHYLBENZENE	15.134	91	2664317	40.13	PPBV	100
56) m,p-XYLENE	15.330	106	2015375m	80.46	PPBV	
57) o-XYLENE	15.830	106	989349	40.19	PPBV	99
58) STYRENE	15.711	104	1422030	40.15	PPBV	100
59) NONANE	16.031	43	1723809	40.10	PPBV	100
60) BROMOFORM	15.431	173	1345798	40.17	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.819	83	1530423	40.14	PPBV	100
64) 2-CHLOROTOLUENE	17.024	91	2179415	40.17	PPBV	100
65) 4-ETHYLTOLUENE	17.214	105	2631219	40.17	PPBV	100
66) 1,3,5-TRIMETHYLBENZENE	17.298	105	2423320	40.09	PPBV	100
67) 1,2,4-TRIMETHYLBENZENE	17.763	105	2324727	40.15	PPBV	100
68) m-DICHLOROBENZENE	17.947	146	1387066	40.22	PPBV	100
69) BENZYL CHLORIDE	17.922	91	1495374	40.19	PPBV	100
70) p-DICHLOROBENZENE	18.020	146	1300696	40.15	PPBV	100
71) o-DICHLOROBENZENE	18.405	146	1285920	40.17	PPBV	100
72) HEXACHLOROBUTADIENE	20.799	225	439302	40.20	PPBV	100
73) 1,2,4-TRICHLOROBENZENE	20.308	180	294313	40.15	PPBV	100

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3798.D
Acq On : 25 Jun 2007 3:58 pm
Operator : PhilipB
Sample : IC204-40 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

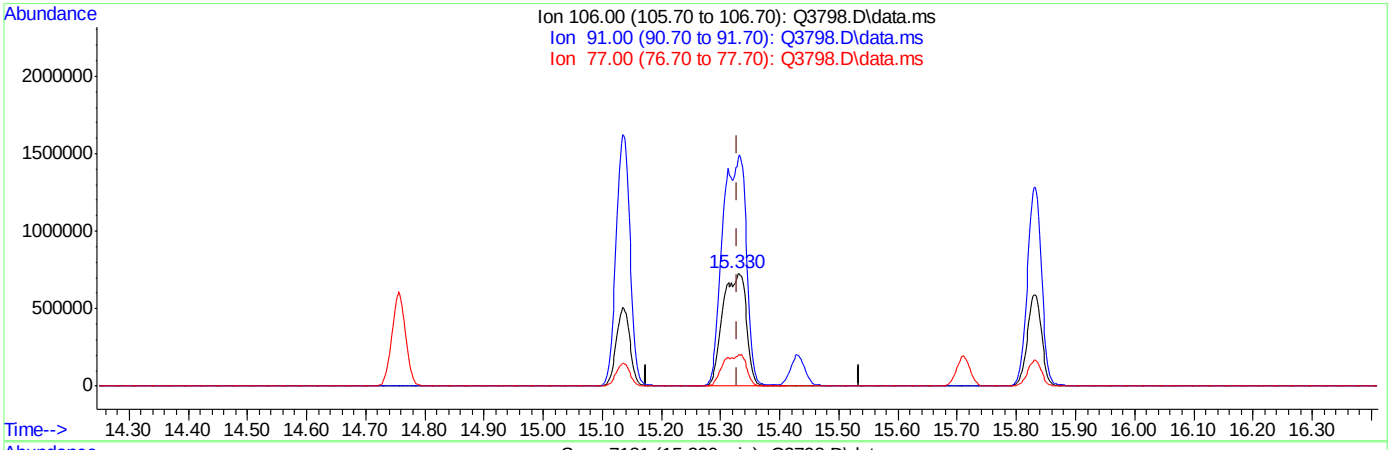
Quant Time: Jun 25 16:55:41 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 16:54:56 2007
Response via : Initial Calibration

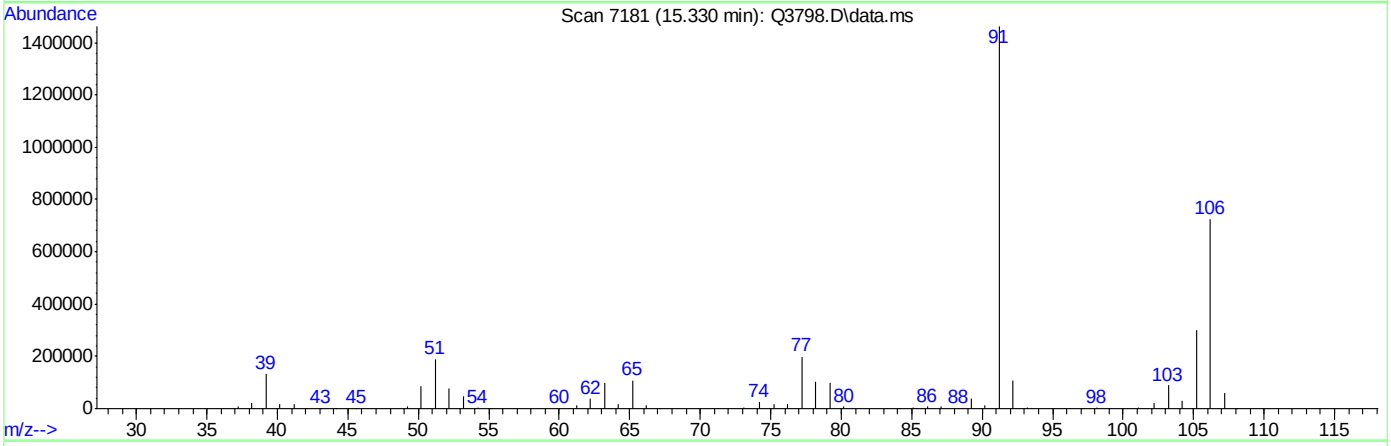


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3798.D
Acq On : 25 Jun 2007 3:58 pm
Operator : PhilipB
Sample : IC204-40 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 25 16:55:41 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 16:54:56 2007
Response via : Initial Calibration





TIC: Q3798.D\data.ms

(56) m,p-XYLENE (m)

15.330min (0.000) 80.46PPBV m

response 2015375

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	201.32
77.00	27.30	27.31
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
06/26/07 16:29

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3799.D
Acq On : 25 Jun 2007 4:41 pm
Operator : PhilipB
Sample : IC204-20 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 25 17:05:42 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 16:55:48 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.635	128	104253	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.463	114	504169	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.708	117	441699	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.329	95	195178	5.17	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 103.40%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.033	85	1190694	23.97	PPBV	99
3) PROPYLENE	3.962	41	292864	20.76	PPBV	95
4) FREON 114	4.298	85	986556	21.93	PPBV	99
5) CHLOROMETHANE	4.197	50	373244	20.23	PPBV	99
6) VINYL CHLORIDE	4.418	62	386417	21.04	PPBV	99
7) 1,3-BUTADIENE	4.555	39	284802	22.14	PPBV	96
8) BROMOMETHANE	4.832	94	330175	21.10	PPBV	100
9) CHLOROETHANE	5.004	64	149517	19.72	PPBV	100
10) TRICHLOROFLUOROMETHANE	5.785	101	1101639	24.13	PPBV	100
11) ISOPROPYL ALCOHOL	5.824	45	549195	22.98	PPBV	98
12) ACETONE	5.595	43	477025	23.03	PPBV	97
13) PENTANE	6.143	42	331124	23.80	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.426	96	322682	23.32	PPBV	94
15) CARBON DISULFIDE	6.857	76	892980	23.89	PPBV	99
16) ETHANOL	5.096	45	98365	20.22	PPBV	98
17) BROMOETHENE	5.366	106	329513	22.62	PPBV	99
18) METHYLENE CHLORIDE	6.539	84	282274	22.98	PPBV	96
19) 3-CHLOROPROPENE	6.656	39	274923	22.32	PPBV	98
20) FREON 113	6.798	151	529670	22.43	PPBV	99
21) TRANS-1,2-DICHLOROETHY...	7.466	96	302287	22.77	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.426	59	740102	22.78	PPBV	99
23) METHYL TERTIARY BUTYL ...	7.709	73	663103	22.43	PPBV	98
24) TETRAHYDROFURAN	9.139	42	405871	23.94	PPBV	97
25) HEXANE	8.669	57	614611	24.02	PPBV	96
26) VINYL ACETATE	7.787	43	555025	22.25	PPBV	100
27) 1,1-DICHLOROETHANE	7.663	63	610138	21.86	PPBV	100
28) METHYL ETHYL KETONE	8.030	43	765187	23.66	PPBV	98
29) cis-1,2-DICHLOROETHYLENE	8.470	96	303714	21.19	PPBV	97
30) ETHYL ACETATE	8.664	43	1234191	25.57	PPBV	100
31) CHLOROFORM	8.752	83	765097	21.36	PPBV	98
32) 1,1,1-TRICHLOROETHANE	9.709	97	819169	21.27	PPBV	98
33) CARBON TETRACHLORIDE	10.293	117	938669	22.41	PPBV	100
34) 1,2-DICHLOROETHANE	9.462	62	574947	21.71	PPBV	100
36) BENZENE	10.151	78	780809	18.91	PPBV	98
37) CYCLOHEXANE	10.417	84	364078	20.63	PPBV	92
38) TRICHLOROETHYLENE	11.150	95	434196	19.70	PPBV	99
39) 1,2-DICHLOROPROPANE	10.926	63	348508	19.38	PPBV	99
40) BROMODICHLOROMETHANE	11.109	83	764982	19.43	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.173	57	1898804	21.57	PPBV #	97
42) 1,4-DIOXANE	11.136	88	149526	20.18	PPBV	86
43) HEPTANE	11.407	43	722312	22.43	PPBV	92

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3799.D
Acq On : 25 Jun 2007 4:41 pm
Operator : PhilipB
Sample : IC204-20 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 25 17:05:42 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 16:55:48 2007
Response via : Initial Calibration

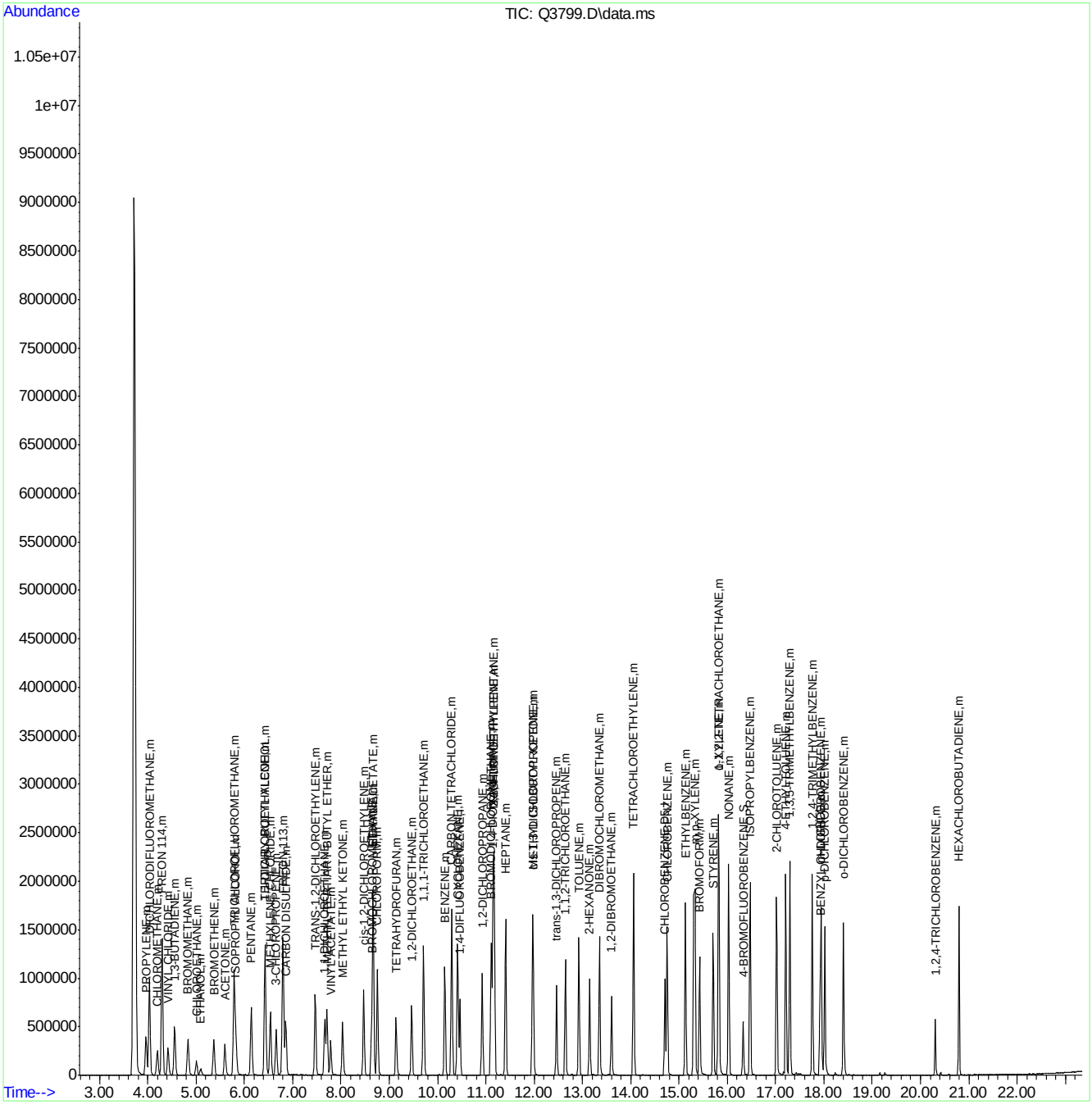
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.981	43	872977	23.04 PPBV	95
45) cis-1,3-DICHLOROPROPENE	11.965	75	442661	19.30 PPBV	92
46) TOLUENE	12.927	92	514808	18.87 PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.463	75	416126	19.07 PPBV	96
48) 1,1,2-TRICHLOROETHANE	12.648	83	284082	19.01 PPBV	99
50) 2-HEXANONE	13.148	43	725497	20.85 PPBV	96
51) TETRACHLOROETHYLENE	14.059	164	360872	17.71 PPBV	96
52) DIBROMOCHLOROMETHANE	13.353	129	693328	18.33 PPBV	100
53) 1,2-DIBROMOETHANE	13.605	107	516437	18.50 PPBV	99
54) CHLOROBENZENE	14.753	112	691847	18.22 PPBV	99
55) ETHYLBENZENE	15.133	91	1168546	19.15 PPBV	100
56) m,p-XYLENE	15.328	106	890484m	38.58 PPBV	
57) o-XYLENE	15.827	106	446415	19.70 PPBV	98
58) STYRENE	15.708	104	621859	19.09 PPBV	99
59) NONANE	16.029	43	894049	22.64 PPBV	94
60) BROMOFORM	15.426	173	533884	17.32 PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.814	83	704399	20.09 PPBV	100
63) ISOPROPYLBENZENE	16.469	105	1262938	19.46 PPBV #	100
64) 2-CHLOROTOLUENE	17.021	91	984060	19.71 PPBV	99
65) 4-ETHYLTOLUENE	17.211	105	1192840	19.79 PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.294	105	1105856	19.92 PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.761	105	1044670	19.62 PPBV	100
68) m-DICHLOROBENZENE	17.944	146	583120	18.35 PPBV	99
69) BENZYL CHLORIDE	17.921	91	635726	18.56 PPBV	99
70) p-DICHLOROBENZENE	18.017	146	544016	18.26 PPBV	98
71) o-DICHLOROBENZENE	18.405	146	552978	18.77 PPBV	99
72) HEXACHLOROBUTADIENE	20.798	225	190632	18.94 PPBV	100
73) 1,2,4-TRICHLOROBENZENE	20.308	180	122130	18.12 PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3799.D
Acq On : 25 Jun 2007 4:41 pm
Operator : PhilipB
Sample : IC204-20 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 25 17:05:42 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 16:55:48 2007
Response via : Initial Calibration

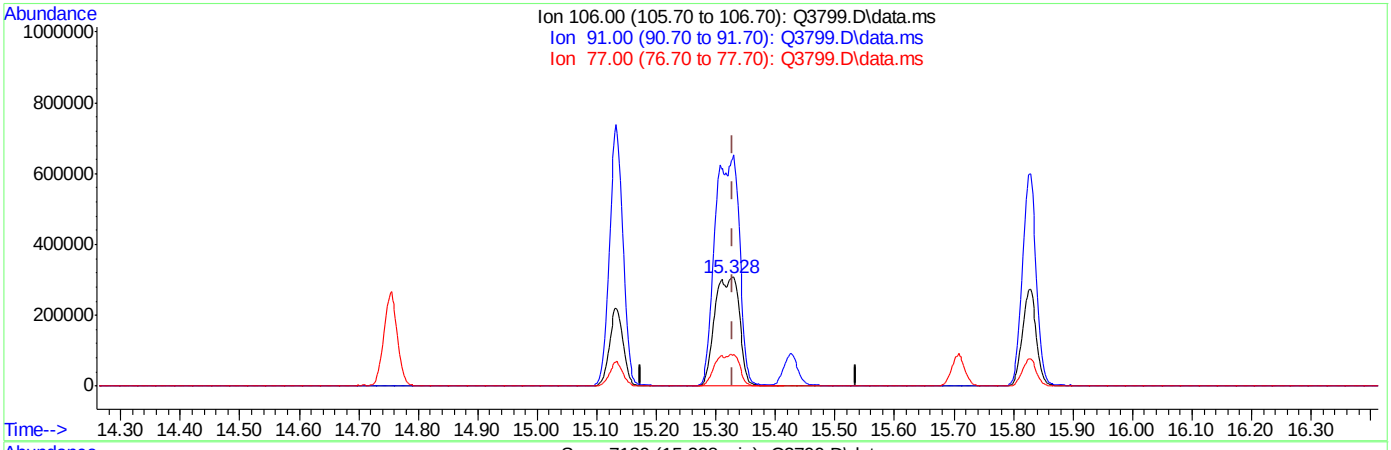


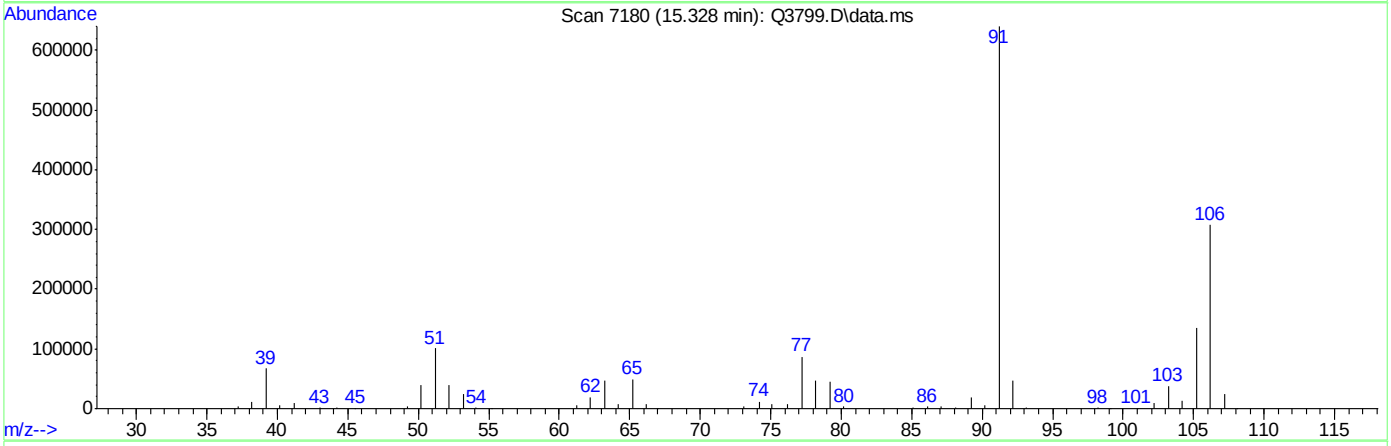
ACCUTEST Laboratories M65960

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3799.D
Acq On : 25 Jun 2007 4:41 pm
Operator : PhilipB
Sample : IC204-20 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 25 17:05:42 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 16:55:48 2007
Response via : Initial Calibration





TIC: Q3799.D\data.ms

(56) m,p-XYLENE (m)

15.328min (-0.002) 38.58PPBV m

response 890484

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	208.31
77.00	27.30	28.36
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
06/26/07 16:29

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3800.D
Acq On : 25 Jun 2007 5:22 pm
Operator : PhilipB
Sample : IC204-10 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 26 08:30:17 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 17:06:59 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.635	128	88678	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.461	114	414053	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.707	117	366190	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.329	95	161450	5.07	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 101.40%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.033	85	664523	14.31	PPBV	99
3) PROPYLENE	3.964	41	164475	13.45	PPBV	96
4) FREON 114	4.296	85	548454	13.67	PPBV	99
5) CHLOROMETHANE	4.196	50	215976	13.68	PPBV	100
6) VINYL CHLORIDE	4.416	62	216041	13.48	PPBV	100
7) 1,3-BUTADIENE	4.555	39	159114	13.80	PPBV	94
8) BROMOMETHANE	4.834	94	176893	12.93	PPBV	100
9) CHLOROETHANE	5.002	64	78445	12.25	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.790	101	595938	13.91	PPBV	100
11) ISOPROPYL ALCOHOL	5.826	45	289914	13.27	PPBV	98
12) ACETONE	5.595	43	248452	13.11	PPBV	95
13) PENTANE	6.143	42	182374	14.07	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.424	96	165609	12.99	PPBV	89
15) CARBON DISULFIDE	6.857	76	467655	13.40	PPBV	96
16) ETHANOL	5.096	45	52161	12.54	PPBV	99
17) BROMOETHENE	5.366	106	170135	12.89	PPBV	99
18) METHYLENE CHLORIDE	6.539	84	138509	12.34	PPBV	92
19) 3-CHLOROPROPENE	6.656	39	140280	12.65	PPBV	96
20) FREON 113	6.800	151	268223	12.59	PPBV	96
21) TRANS-1,2-DICHLOROETHY...	7.469	96	153374	12.70	PPBV	94
22) TERTIARY BUTYL ALCOHOL	6.431	59	377228	12.76	PPBV	97
23) METHYL TERTIARY BUTYL ...	7.710	73	326903	12.26	PPBV	97
24) TETRAHYDROFURAN	9.143	42	203327	12.83	PPBV	94
25) HEXANE	8.665	57	313887	13.10	PPBV	94
26) VINYL ACETATE	7.789	43	278598	12.43	PPBV	97
27) 1,1-DICHLOROETHANE	7.663	63	302805	12.19	PPBV	100
28) METHYL ETHYL KETONE	8.035	43	393249	13.10	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.472	96	147262	11.73	PPBV	95
30) ETHYL ACETATE	8.664	43	641996	13.73	PPBV	99
31) CHLOROFORM	8.754	83	381883	12.12	PPBV	97
32) 1,1,1-TRICHLOROETHANE	9.709	97	399318	11.82	PPBV	98
33) CARBON TETRACHLORIDE	10.293	117	473704	12.54	PPBV	100
34) 1,2-DICHLOROETHANE	9.462	62	278899	11.87	PPBV	100
36) BENZENE	10.151	78	365759	11.09	PPBV	97
37) CYCLOHEXANE	10.417	84	180992	12.29	PPBV	91
38) TRICHLOROETHYLENE	11.146	95	210966	11.74	PPBV	97
39) 1,2-DICHLOROPROPANE	10.923	63	171104	11.77	PPBV	99
40) BROMODICHLOROMETHANE	11.107	83	361458	11.34	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.169	57	940976	12.52	PPBV	97
42) 1,4-DIOXANE	11.136	88	70906	11.60	PPBV #	77
43) HEPTANE	11.409	43	376798	13.43	PPBV	90

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3800.D
Acq On : 25 Jun 2007 5:22 pm
Operator : PhilipB
Sample : IC204-10 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 26 08:30:17 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 17:06:59 2007
Response via : Initial Calibration

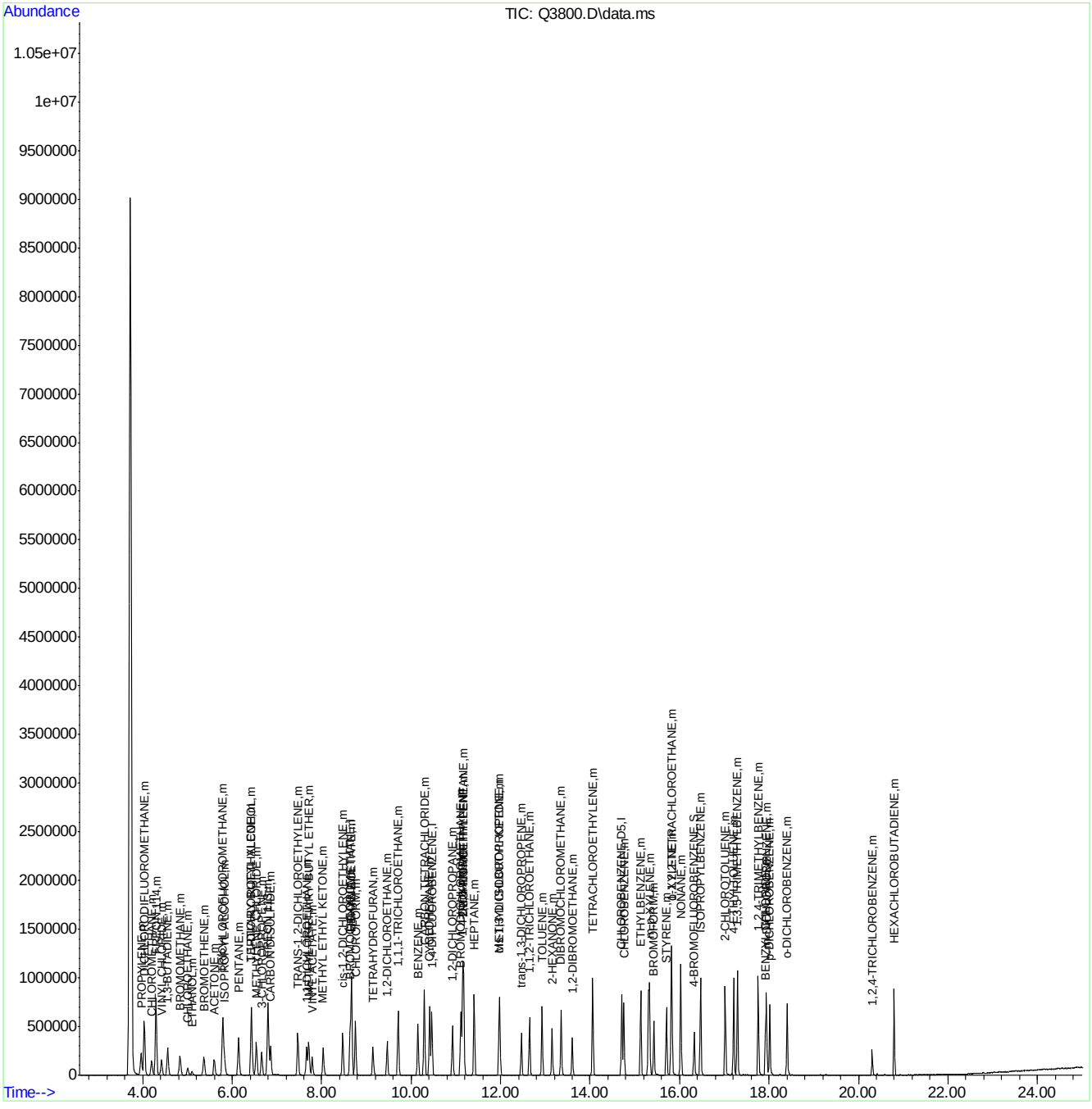
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.981	43	433696	12.95	PPBV	92
45) cis-1,3-DICHLOROPROPENE	11.963	75	211913	11.45	PPBV	89
46) TOLUENE	12.925	92	245415	11.27	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.465	75	197063	11.26	PPBV	93
48) 1,1,2-TRICHLOROETHANE	12.644	83	137293	11.47	PPBV	97
50) 2-HEXANONE	13.148	43	354072	12.02	PPBV	93
51) TETRACHLOROETHYLENE	14.057	164	164802	10.35	PPBV	93
52) DIBROMOCHLOROMETHANE	13.351	129	315705	10.51	PPBV	99
53) 1,2-DIBROMOETHANE	13.601	107	244429	10.97	PPBV	100
54) CHLOROBENZENE	14.755	112	328370	10.92	PPBV	95
55) ETHYLBENZENE	15.133	91	564974	11.41	PPBV	99
56) m,p-XYLENE	15.326	106	426711m	22.70	PPBV	
57) o-XYLENE	15.826	106	211536	11.34	PPBV	95
58) STYRENE	15.706	104	289368	10.96	PPBV	98
59) NONANE	16.027	43	470941	13.49	PPBV	91
60) BROMOFORM	15.424	173	230495	9.67	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.814	83	338045	11.60	PPBV	100
63) ISOPROPYLBENZENE	16.471	105	613311	11.56	PPBV #	100
64) 2-CHLOROTOLUENE	17.019	91	466223	11.35	PPBV	97
65) 4-ETHYLTOLUENE	17.211	105	554754	11.16	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.294	105	525022	11.43	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.759	105	498665	11.40	PPBV	98
68) m-DICHLOROBENZENE	17.940	146	264340	10.47	PPBV	98
69) BENZYL CHLORIDE	17.919	91	282657	10.33	PPBV	98
70) p-DICHLOROBENZENE	18.018	146	250553	10.61	PPBV	98
71) o-DICHLOROBENZENE	18.402	146	249124	10.52	PPBV	98
72) HEXACHLOROBUTADIENE	20.798	225	92370	11.37	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.306	180	53457	10.04	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3800.D
Acq On : 25 Jun 2007 5:22 pm
Operator : PhilipB
Sample : IC204-10 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

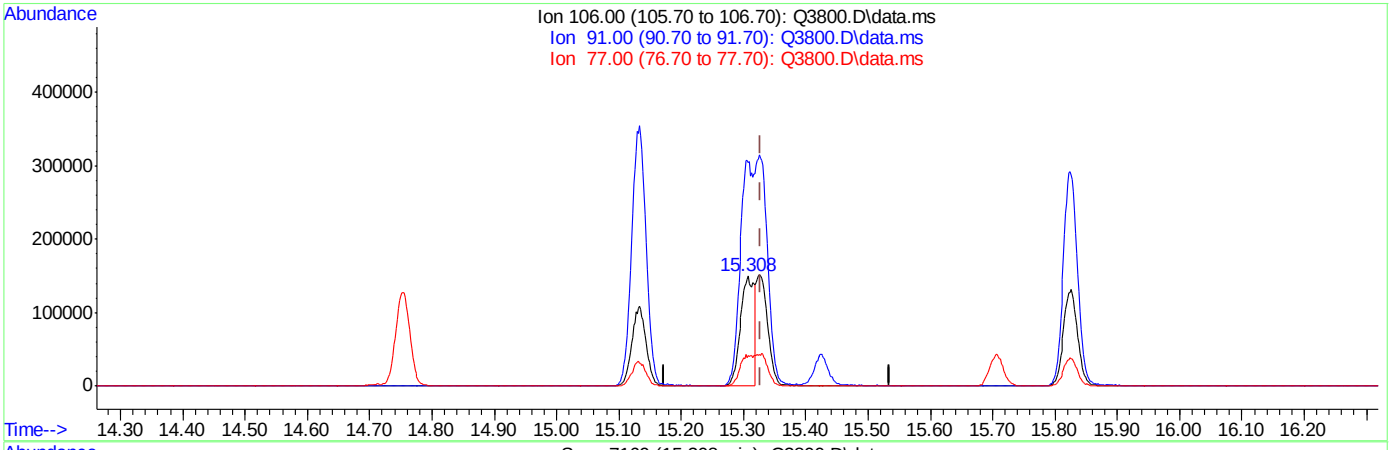
Quant Time: Jun 26 08:30:17 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 17:06:59 2007
Response via : Initial Calibration

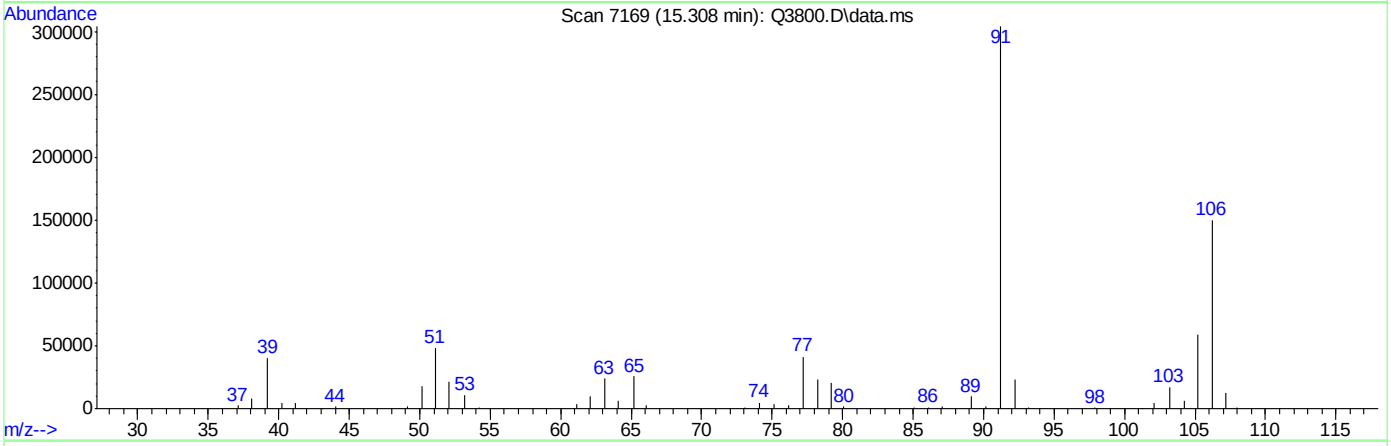


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3800.D
Acq On : 25 Jun 2007 5:22 pm
Operator : PhilipB
Sample : IC204-10 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 26 08:29:57 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 17:06:59 2007
Response via : Initial Calibration





TIC: Q3800.D\data.ms

(56) m,p-XYLENE (m)

15.308min (-0.021) 12.43PPBV

response 233599

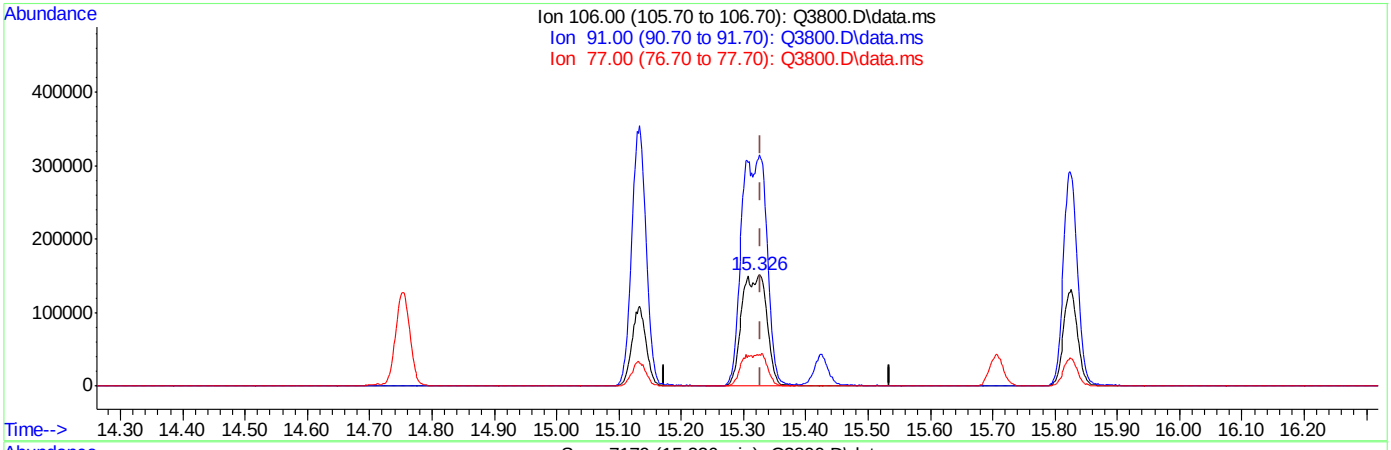
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	202.86
77.00	27.30	27.45
0.00	0.00	0.00

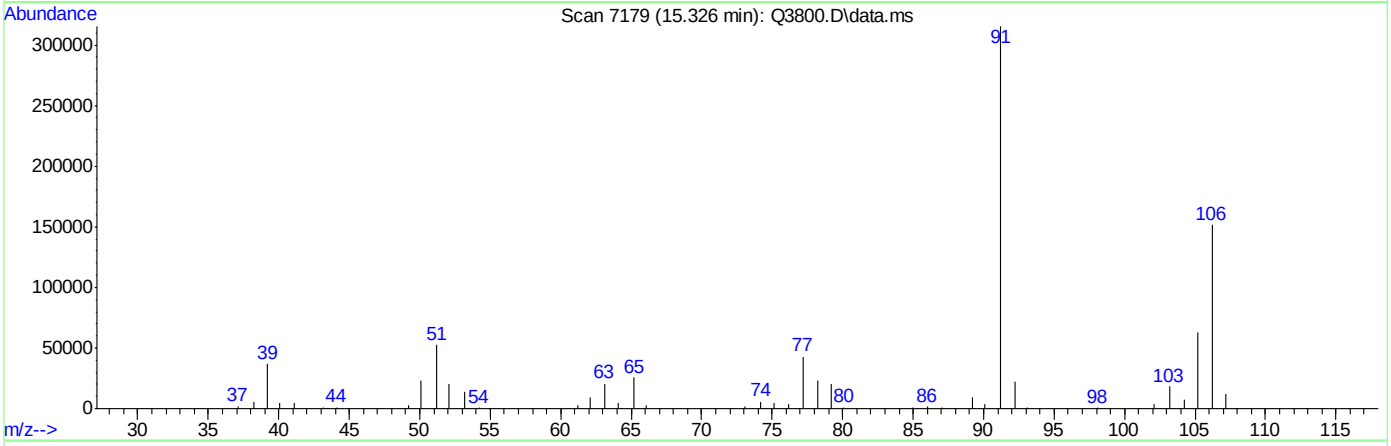
ACCUTEST Laboratories M65960

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3800.D
Acq On : 25 Jun 2007 5:22 pm
Operator : PhilipB
Sample : IC204-10 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 26 08:29:57 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 17:06:59 2007
Response via : Initial Calibration





TIC: Q3800.D\data.ms

(56) m,p-XYLENE (m)

15.326min (-0.003) 22.70PPBV m

response 426711

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	208.11
77.00	27.30	28.12
0.00	0.00	0.00

ACCUTEST Laboratories M65960

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
06/26/07 16:29

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3801.D
Acq On : 25 Jun 2007 6:05 pm
Operator : PhilipB
Sample : ICC204-5 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 26 08:31:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:30:35 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.637	128	127986	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.463	114	621778	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.708	117	538848	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.323	95	227689	4.84	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 96.80%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.033	85	329022	4.29	PPBV	98
3) PROPYLENE	3.964	41	75327	3.83	PPBV	98
4) FREON 114	4.294	85	285627	4.40	PPBV	96
5) CHLOROMETHANE	4.196	50	108166	4.23	PPBV	96
6) VINYL CHLORIDE	4.422	62	106926	4.14	PPBV	97
7) 1,3-BUTADIENE	4.557	39	92165	4.92	PPBV	88
8) BROMOMETHANE	4.830	94	87051	4.02	PPBV	100
9) CHLOROETHANE	5.009	64	37863m	3.81	PPBV	
10) TRICHLOROFLUOROMETHANE	5.790	101	307992	4.41	PPBV	99
11) ISOPROPYL ALCOHOL	5.829	45	143681	4.11	PPBV	97
12) ACETONE	5.600	43	125320	4.15	PPBV	96
13) PENTANE	6.143	42	94119	4.43	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.424	96	81999	4.05	PPBV #	87
15) CARBON DISULFIDE	6.859	76	233448	4.16	PPBV	96
16) ETHANOL	5.100	45	26473	4.06	PPBV	97
17) BROMOETHENE	5.371	106	84750	4.06	PPBV	99
18) METHYLENE CHLORIDE	6.537	84	64342	3.68	PPBV	90
19) 3-CHLOROPROPENE	6.658	39	65312	3.75	PPBV	96
20) FREON 113	6.797	151	127519	3.82	PPBV	95
21) TRANS-1,2-DICHLOROETHY...	7.466	96	69333	3.65	PPBV	92
22) TERTIARY BUTYL ALCOHOL	6.436	59	184180	3.95	PPBV	95
23) METHYL TERTIARY BUTYL ...	7.714	73	160671	3.88	PPBV	95
24) TETRAHYDROFURAN	9.152	42	97317	3.89	PPBV	93
25) HEXANE	8.671	57	147327	3.86	PPBV	91
26) VINYL ACETATE	7.790	43	136191	3.89	PPBV	95
27) 1,1-DICHLOROETHANE	7.666	63	138176	3.59	PPBV	99
28) METHYL ETHYL KETONE	8.035	43	183249	3.83	PPBV	98
29) cis-1,2-DICHLOROETHYLENE	8.474	96	60704	3.17	PPBV	91
30) ETHYL ACETATE	8.665	43	310357	4.09	PPBV	99
31) CHLOROFORM	8.754	83	166564	3.42	PPBV	97
32) 1,1,1-TRICHLOROETHANE	9.711	97	173047	3.35	PPBV	98
33) CARBON TETRACHLORIDE	10.293	117	209663	3.55	PPBV	99
34) 1,2-DICHLOROETHANE	9.466	62	125687	3.49	PPBV	99
36) BENZENE	10.149	78	162276	3.16	PPBV	97
37) CYCLOHEXANE	10.415	84	83589	3.51	PPBV #	86
38) TRICHLOROETHYLENE	11.147	95	91613	3.21	PPBV	96
39) 1,2-DICHLOROPROPANE	10.925	63	75927	3.28	PPBV	99
40) BROMODICHLOROMETHANE	11.109	83	156512	3.13	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.171	57	428777	3.51	PPBV	98
42) 1,4-DIOXANE	11.143	88	31122	3.22	PPBV #	20
43) HEPTANE	11.406	43	176123	3.75	PPBV	87

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3801.D
Acq On : 25 Jun 2007 6:05 pm
Operator : PhilipB
Sample : ICC204-5 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 26 08:31:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:30:35 2007
Response via : Initial Calibration

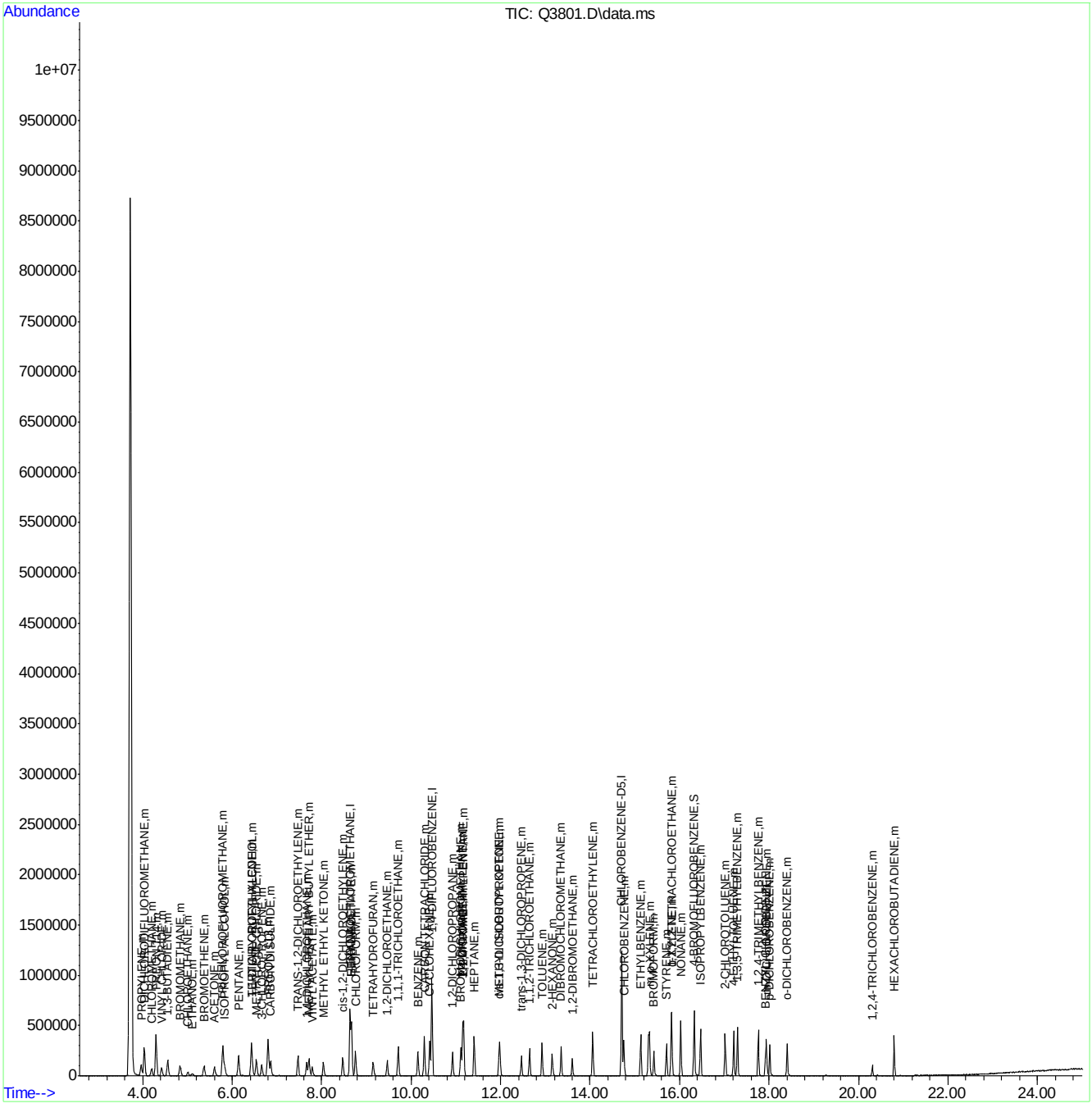
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.982	43	206988	3.75	PPBV	91
45) cis-1,3-DICHLOROPROPENE	11.963	75	94253	3.24	PPBV	84
46) TOLUENE	12.927	92	112841	3.31	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.462	75	88837	3.24	PPBV	92
48) 1,1,2-TRICHLOROETHANE	12.644	83	61261	3.25	PPBV	99
50) 2-HEXANONE	13.152	43	164472	3.55	PPBV	92
51) TETRACHLOROETHYLENE	14.059	164	70869	2.99	PPBV	93
52) DIBROMOCHLOROMETHANE	13.353	129	133100	2.96	PPBV	100
53) 1,2-DIBROMOETHANE	13.601	107	107854	3.19	PPBV	100
54) CHLOROBENZENE	14.755	112	149762	3.28	PPBV	96
55) ETHYLBENZENE	15.131	91	261816	3.43	PPBV	99
56) m,p-XYLENE	15.324	106	196093m	6.78	PPBV	
57) o-XYLENE	15.821	106	97702	3.41	PPBV	94
58) STYRENE	15.704	104	128811	3.21	PPBV	97
59) NONANE	16.029	43	226383	3.95	PPBV	90
60) BROMOFORM	15.425	173	97425	2.81	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.814	83	152218	3.37	PPBV	99
63) ISOPROPYLBENZENE	16.469	105	277697	3.38	PPBV #	100
64) 2-CHLOROTOLUENE	17.019	91	208584	3.30	PPBV	96
65) 4-ETHYLTOLUENE	17.209	105	247961	3.26	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.294	105	235449	3.33	PPBV	96
67) 1,2,4-TRIMETHYLBENZENE	17.759	105	219554	3.26	PPBV	97
68) m-DICHLOROBENZENE	17.940	146	108519	2.88	PPBV	96
69) BENZYL CHLORIDE	17.919	91	115882	2.85	PPBV	96
70) p-DICHLOROBENZENE	18.015	146	103923	2.93	PPBV	98
71) o-DICHLOROBENZENE	18.405	146	104636	2.95	PPBV	97
72) HEXACHLOROBUTADIENE	20.798	225	41037	3.28	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.308	180	20981	2.67	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3801.D
Acq On : 25 Jun 2007 6:05 pm
Operator : PhilipB
Sample : ICC204-5 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

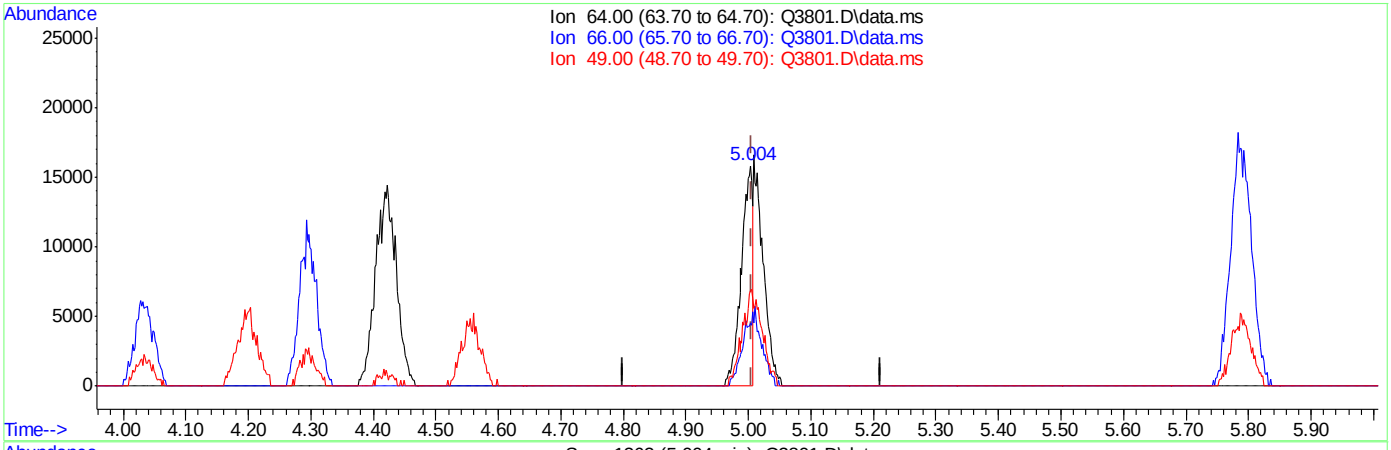
Quant Time: Jun 26 08:31:09 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:30:35 2007
Response via : Initial Calibration

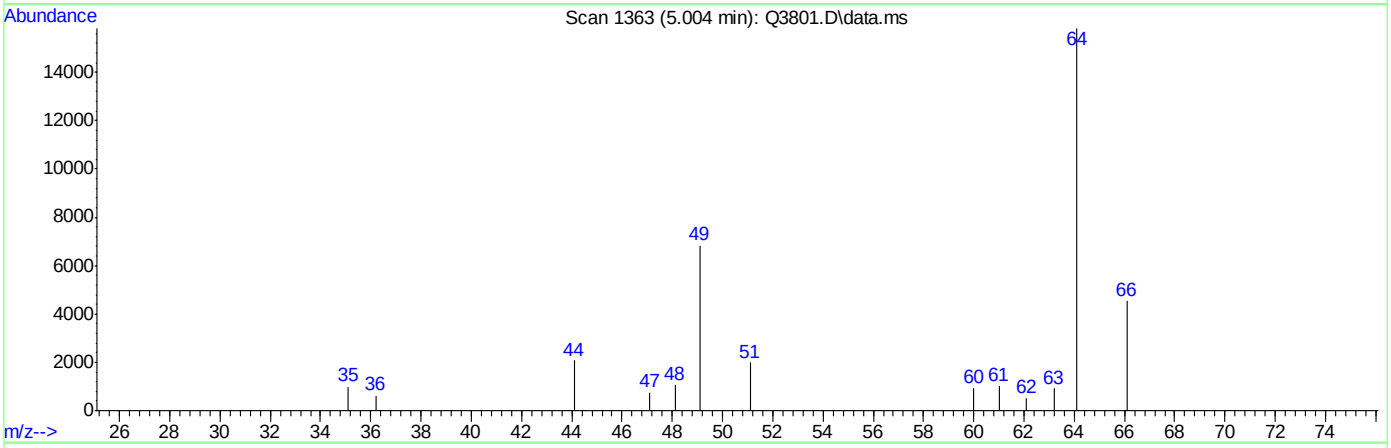


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3801.D
Acq On : 25 Jun 2007 6:05 pm
Operator : PhilipB
Sample : ICC204-5 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 26 08:30:41 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:30:35 2007
Response via : Initial Calibration





TIC: Q3801.D\data.ms

(9) CHLOROETHANE (m)

5.004min (-0.002) 2.03PPBV

response 20145

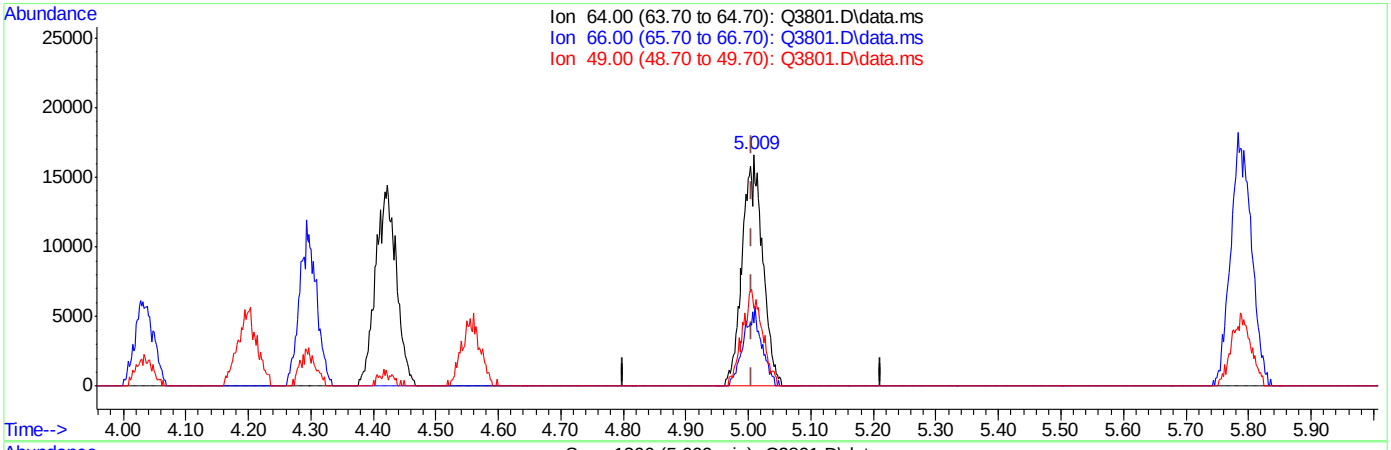
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	56.69#
49.00	36.50	76.78#
0.00	0.00	0.00

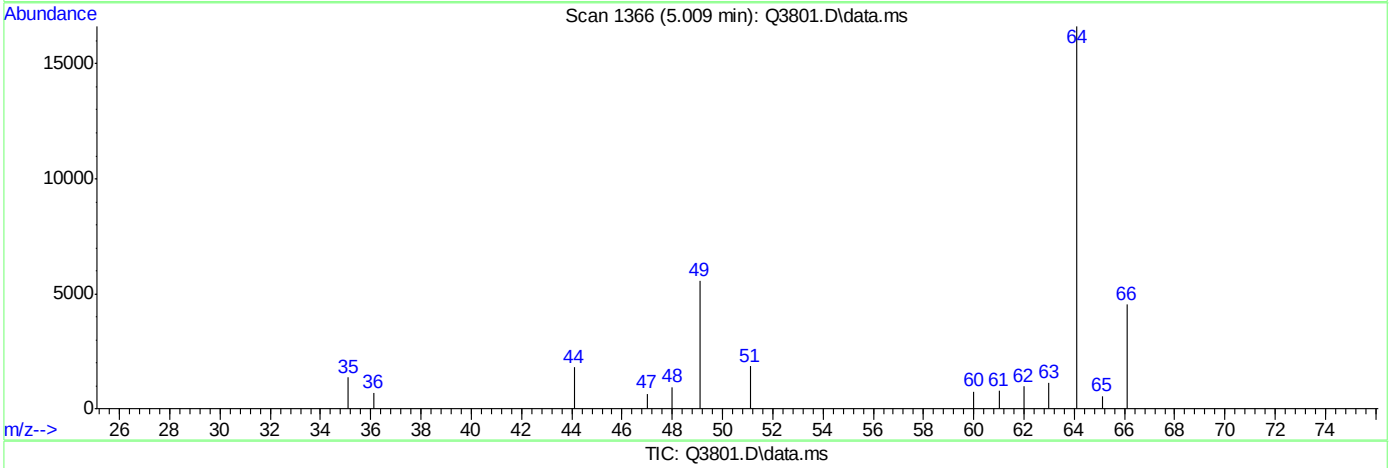
ACCUTEST Laboratories M65960

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3801.D
Acq On : 25 Jun 2007 6:05 pm
Operator : PhilipB
Sample : ICC204-5 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 26 08:30:41 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:30:35 2007
Response via : Initial Calibration





TIC: Q3801.D\data.ms

(9) CHLOROETHANE (m)

5.009min (+0.004) 3.81PPBV m

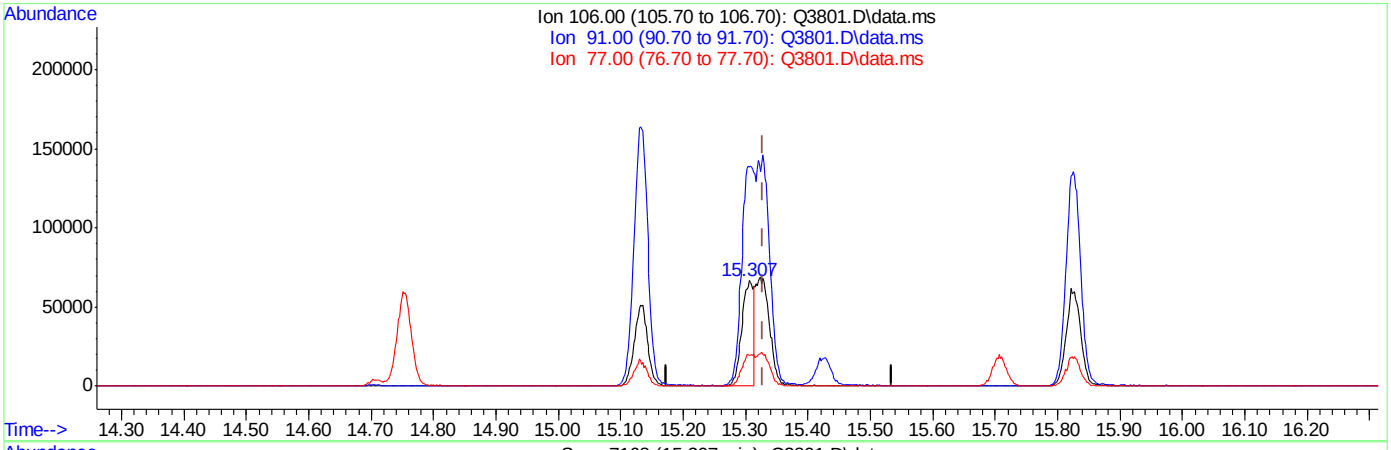
response 37863

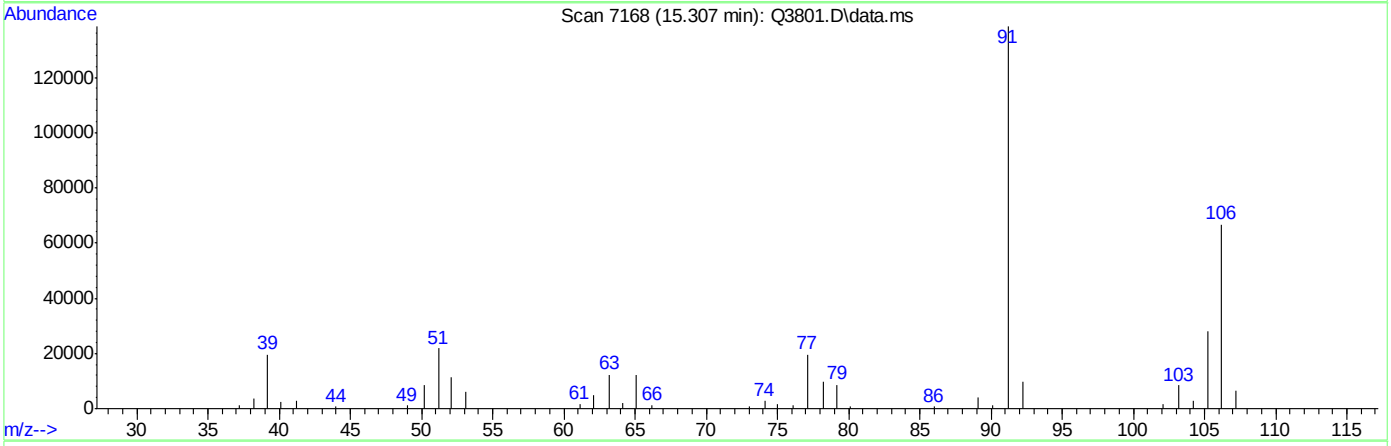
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	30.16
49.00	36.50	40.85
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3801.D
Acq On : 25 Jun 2007 6:05 pm
Operator : PhilipB
Sample : ICC204-5 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 26 08:30:41 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:30:35 2007
Response via : Initial Calibration





TIC: Q3801.D\data.ms

(56) m,p-XYLENE (m)

15.307min (-0.022) 3.09PPBV

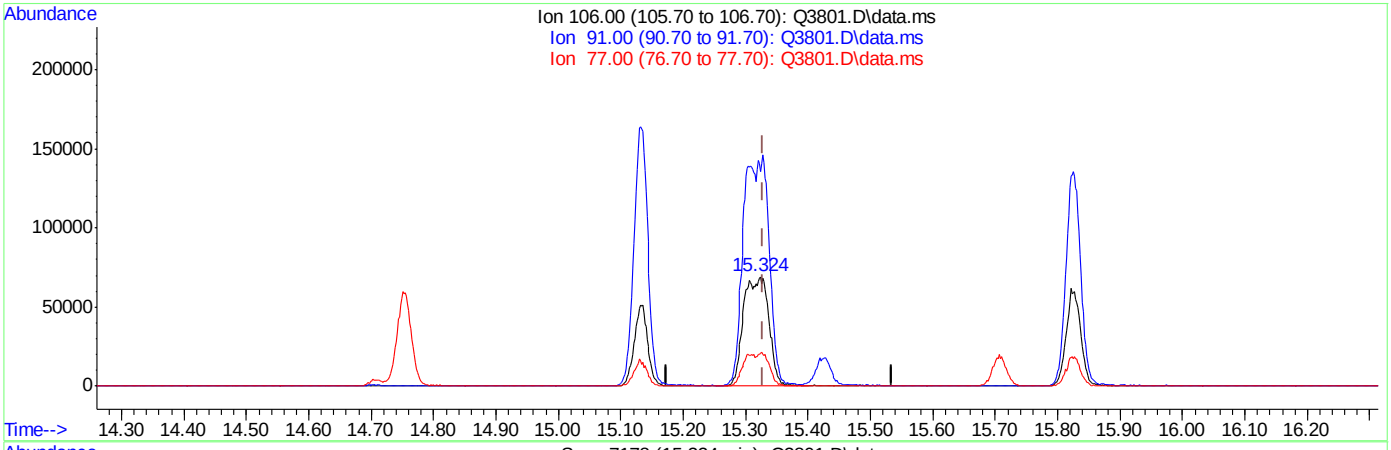
response 89207

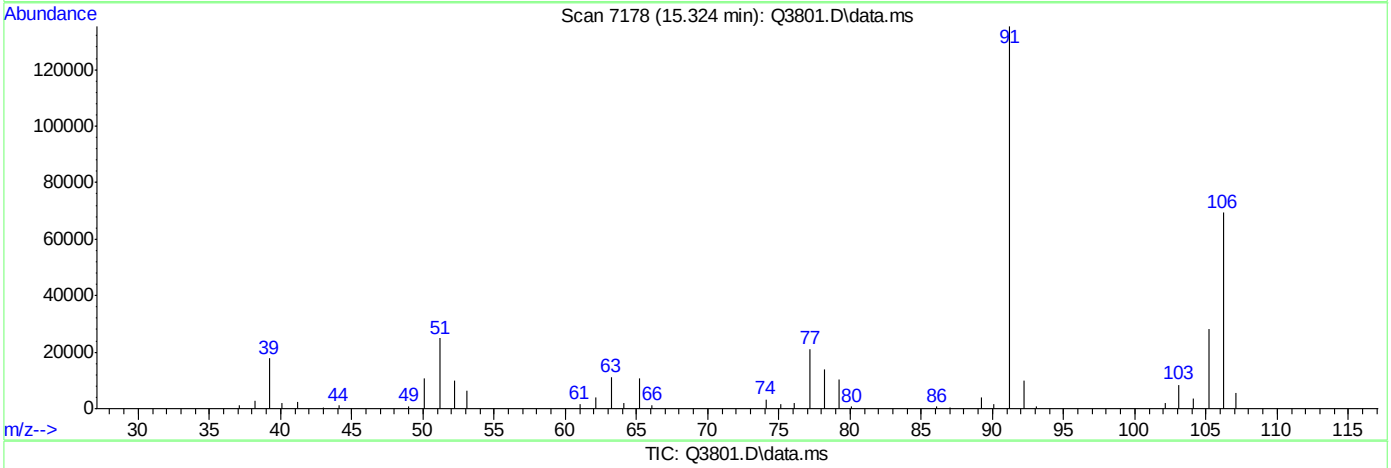
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	207.45
77.00	27.30	29.33
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3801.D
Acq On : 25 Jun 2007 6:05 pm
Operator : PhilipB
Sample : ICC204-5 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 26 08:30:41 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:30:35 2007
Response via : Initial Calibration





TIC: Q3801.D\data.ms

(56) m,p-XYLENE (m)

15.324min (-0.005) 6.78PPBV m

response 196093

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	195.31
77.00	27.30	30.51
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 06/26/07 16:29

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3802.D
Acq On : 25 Jun 2007 6:49 pm
Operator : PhilipB
Sample : IC204-2 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 26 08:31:58 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:31:20 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	93063	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.463	114	455236	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.709	117	400182	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.324	95	167332	4.83	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 96.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.035	85	155527	2.89	PPBV	98
3) PROPYLENE	3.962	41	37425	2.78	PPBV	95
4) FREON 114	4.294	85	141914	3.10	PPBV	94
5) CHLOROMETHANE	4.198	50	55542	3.11	PPBV	93
6) VINYL CHLORIDE	4.424	62	51988	2.89	PPBV	100
7) 1,3-BUTADIENE	4.553	39	45754	3.37	PPBV	85
8) BROMOMETHANE	4.830	94	44169	2.95	PPBV	99
9) CHLOROETHANE	5.006	64	17016	2.50	PPBV	87
10) TRICHLOROFLUOROMETHANE	5.789	101	153893	3.12	PPBV	99
11) ISOPROPYL ALCOHOL	5.838	45	65541	2.70	PPBV	98
12) ACETONE	5.607	43	58117	2.76	PPBV	92
13) PENTANE	6.142	42	49900	3.33	PPBV	97
14) 1,1-DICHLOROETHYLENE	6.427	96	39373	2.81	PPBV #	83
15) CARBON DISULFIDE	6.859	76	108253	2.77	PPBV	90
16) ETHANOL	5.095	45	12315m	2.73	PPBV	
17) BROMOETHENE	5.370	106	40676	2.81	PPBV #	97
18) METHYLENE CHLORIDE	6.537	84	30591	2.58	PPBV	81
19) 3-CHLOROPROPENE	6.662	39	28719	2.42	PPBV	98
20) FREON 113	6.804	151	53092	2.32	PPBV	89
21) TRANS-1,2-DICHLOROETHY...	7.471	96	30210	2.35	PPBV	90
22) TERTIARY BUTYL ALCOHOL	6.442	59	79007	2.46	PPBV	89
23) METHYL TERTIARY BUTYL ...	7.719	73	65322	2.30	PPBV	92
24) TETRAHYDROFURAN	9.153	42	34040	1.98	PPBV	93
25) HEXANE	8.669	57	58426	2.23	PPBV	86
26) VINYL ACETATE	7.792	43	60319	2.51	PPBV	94
27) 1,1-DICHLOROETHANE	7.664	63	57914	2.23	PPBV	99
28) METHYL ETHYL KETONE	8.046	43	66987	2.05	PPBV	90
29) cis-1,2-DICHLOROETHYLENE	8.468	96	22926	1.81	PPBV	92
30) ETHYL ACETATE	8.667	43	119216	2.26	PPBV #	98
31) CHLOROFORM	8.752	83	63956	1.96	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.711	97	67745	1.96	PPBV	96
33) CARBON TETRACHLORIDE	10.291	117	83178	2.09	PPBV	100
34) 1,2-DICHLOROETHANE	9.462	62	49702	2.05	PPBV	98
36) BENZENE	10.151	78	58372	1.71	PPBV	94
37) CYCLOHEXANE	10.417	84	33662	2.09	PPBV	89
38) TRICHLOROETHYLENE	11.148	95	34485	1.81	PPBV	92
39) 1,2-DICHLOROPROPANE	10.925	63	27036	1.75	PPBV	94
40) BROMODICHLOROMETHANE	11.106	83	56866	1.71	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.173	57	150571	1.82	PPBV	99
42) 1,4-DIOXANE	11.152	88	11033	1.71	PPBV #	1
43) HEPTANE	11.406	43	64550	2.00	PPBV	85

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3802.D
Acq On : 25 Jun 2007 6:49 pm
Operator : PhilipB
Sample : IC204-2 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 26 08:31:58 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:31:20 2007
Response via : Initial Calibration

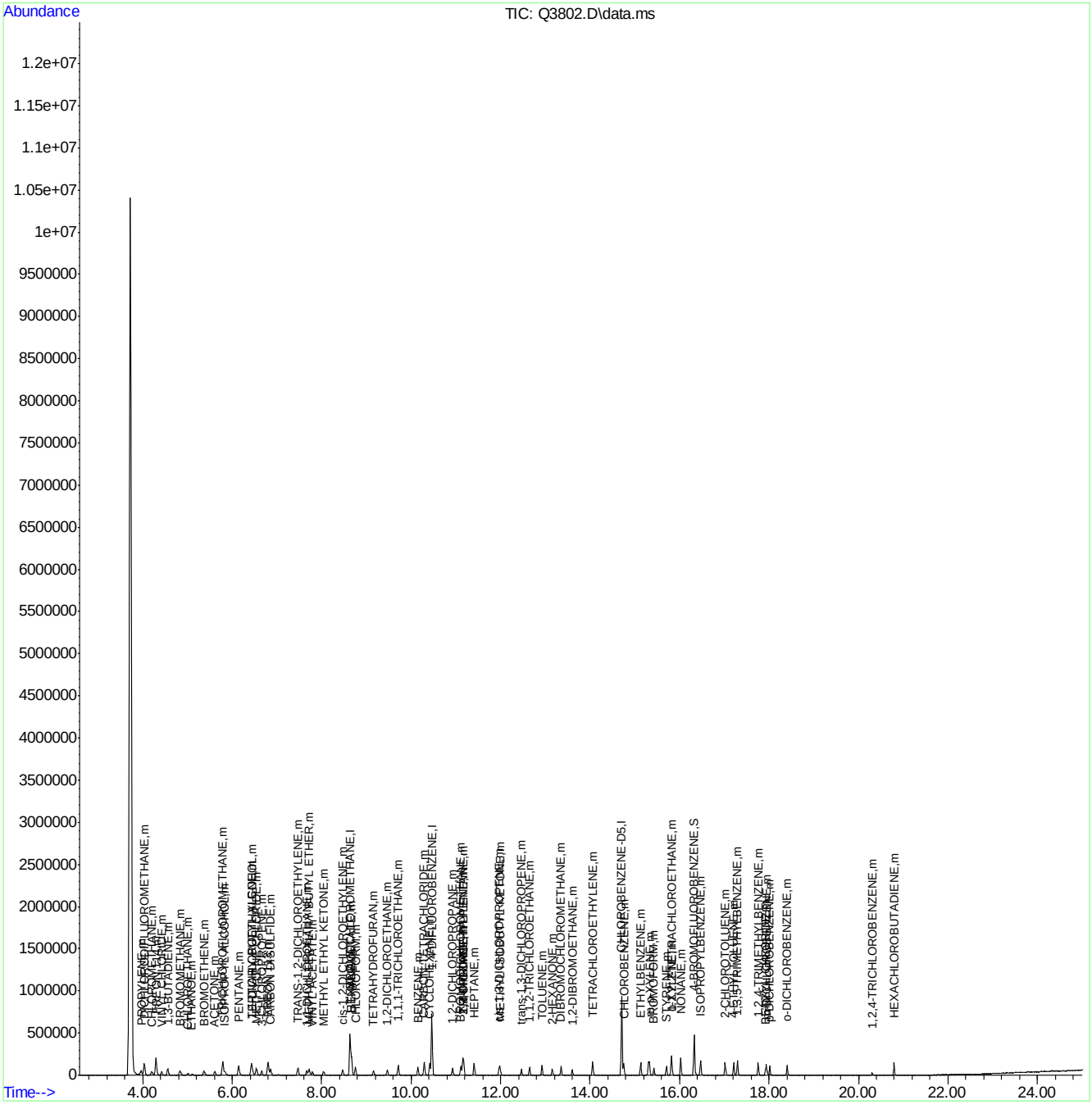
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.984	43	76480	2.02	PPBV		89
45) cis-1,3-DICHLOROPROPENE	11.963	75	33566	1.73	PPBV	#	76
46) TOLUENE	12.925	92	39674	1.74	PPBV		96
47) trans-1,3-DICHLOROPROPENE	12.465	75	30146	1.65	PPBV		88
48) 1,1,2-TRICHLOROETHANE	12.643	83	22786	1.81	PPBV		96
50) 2-HEXANONE	13.156	43	60776	1.91	PPBV		88
51) TETRACHLOROETHYLENE	14.059	164	25321	1.60	PPBV		89
52) DIBROMOCHLOROMETHANE	13.351	129	47077	1.57	PPBV		98
53) 1,2-DIBROMOETHANE	13.601	107	39254	1.72	PPBV		99
54) CHLOROBENZENE	14.751	112	53318	1.72	PPBV		94
55) ETHYLBENZENE	15.131	91	93510	1.79	PPBV		97
56) m,p-XYLENE	15.326	106	68210m	3.46	PPBV		
57) o-XYLENE	15.827	106	33980	1.73	PPBV	#	87
58) STYRENE	15.706	104	42159	1.56	PPBV		94
59) NONANE	16.027	43	86115	2.13	PPBV		89
60) BROMOFORM	15.426	173	33726	1.47	PPBV		99
62) 1,1,2,2-TETRACHLOROETHANE	15.812	83	51901	1.68	PPBV		98
63) ISOPROPYLBENZENE	16.469	105	99313	1.77	PPBV	#	100
64) 2-CHLOROTOLUENE	17.023	91	76238	1.78	PPBV		93
65) 4-ETHYLTOLUENE	17.209	105	85485	1.66	PPBV		96
66) 1,3,5-TRIMETHYLBENZENE	17.294	105	85448	1.77	PPBV		95
67) 1,2,4-TRIMETHYLBENZENE	17.756	105	76278	1.67	PPBV		95
68) m-DICHLOROBENZENE	17.940	146	37256	1.49	PPBV		95
69) BENZYL CHLORIDE	17.917	91	36586	1.36	PPBV		96
70) p-DICHLOROBENZENE	18.013	146	37111	1.57	PPBV		97
71) o-DICHLOROBENZENE	18.405	146	37541	1.59	PPBV		97
72) HEXACHLOROBUTADIENE	20.796	225	14427	1.70	PPBV		98
73) 1,2,4-TRICHLOROBENZENE	20.306	180	6678	1.30	PPBV		95

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3802.D
Acq On : 25 Jun 2007 6:49 pm
Operator : PhilipB
Sample : IC204-2 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

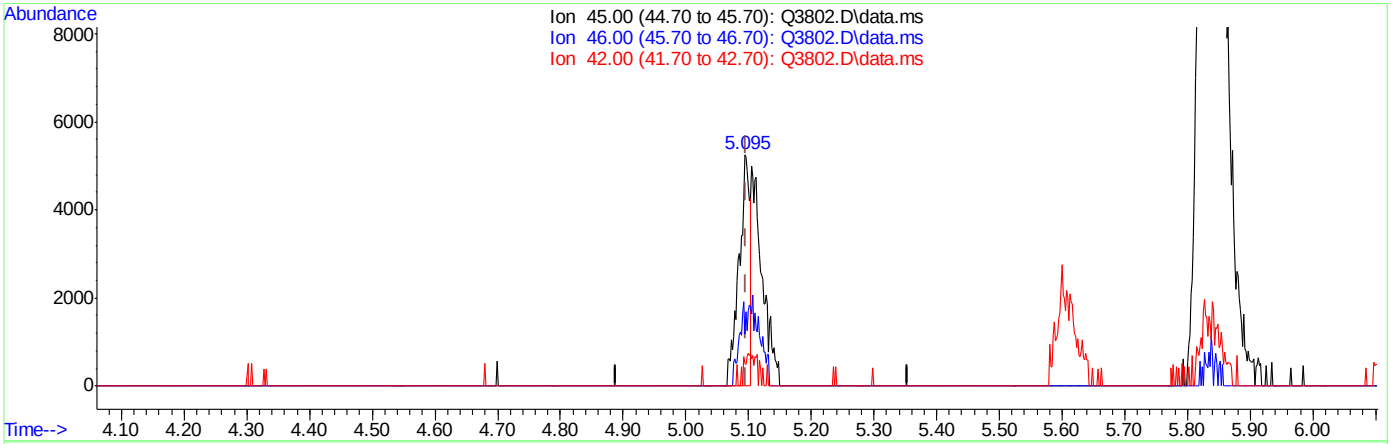
Quant Time: Jun 26 08:31:58 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:31:20 2007
Response via : Initial Calibration

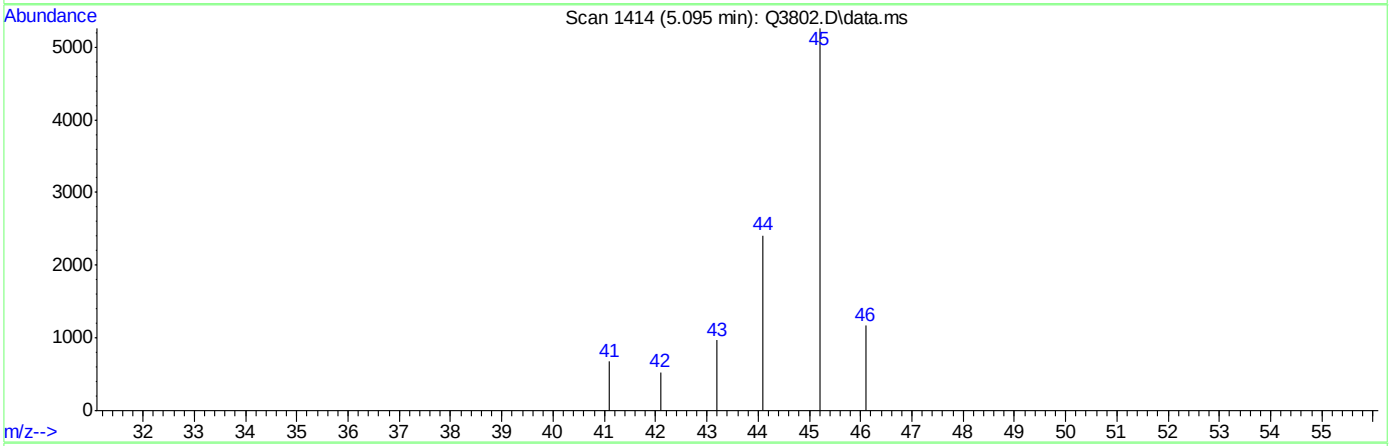

Abundance
TIC: Q3802.D\data.ms
Time-->
PROPYLENE
CHLOROMETHANE,m
VINYL CHLORIDE,m
1,3-BUTADIENE,m
ETHANE,m
BROMOMETHANE,m
BROMOETHENE,m
ACETONE,m
ISOPROPYL ALCOHOL,m
CHLOROETHANE,m
PENTANE,m
ACROLEIN,m
CARBON DISULFIDE,m
TRANS-1,2-DICHLOROETHYLENE,m
METHYL ETHYL KETONE,m
CHLOROFORM,m
TETRAHYDROFURAN,m
1,2-DICHLOROETHANE,m
1,1,1-TRICHLOROETHANE,m
BENZENE,m
CYCLOHEXANE,m
1,2-DICHLOROPROPANE,m
HEPTANE,m
TRIBROMOMETHANE,m
TRIBROMOFLUOROETHANE,m
TRIBROMOFLUOROETHYLENE,m
TRIBROMOFLUOROPROPANE,m
TRIBROMOFLUOROPROPENE,m
TRIBROMOFLUOROPROPYNE,m
TRIBROMOFLUOROPROPYNE,m
TRIBROMOFLUOROPROPYN

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3802.D
Acq On : 25 Jun 2007 6:49 pm
Operator : PhilipB
Sample : IC204-2 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 26 08:31:27 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:31:20 2007
Response via : Initial Calibration





TIC: Q3802.D\data.ms

(16) ETHANOL (m)

5.095min (-0.002) 1.38PPBV

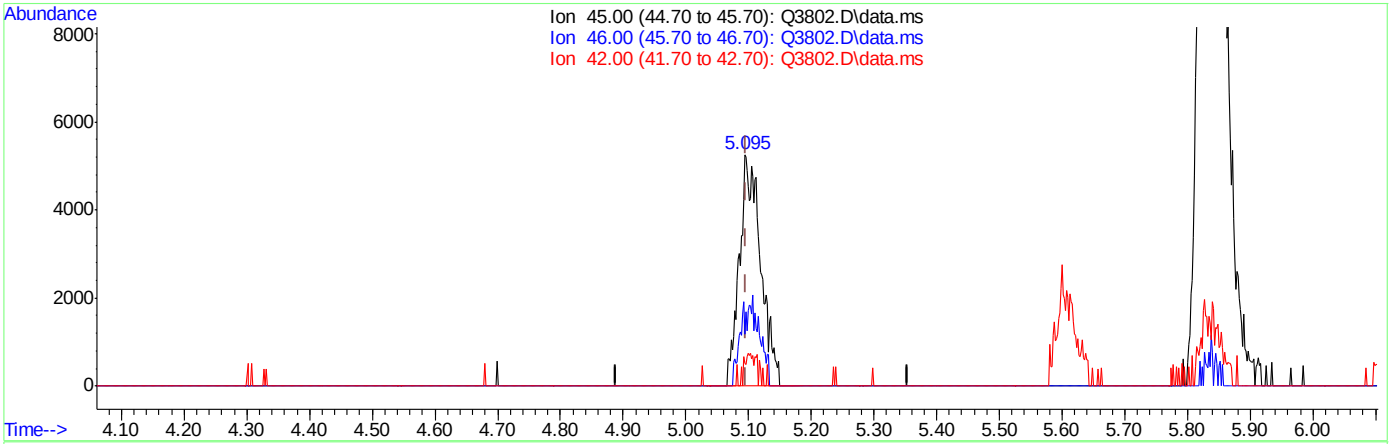
response 6231

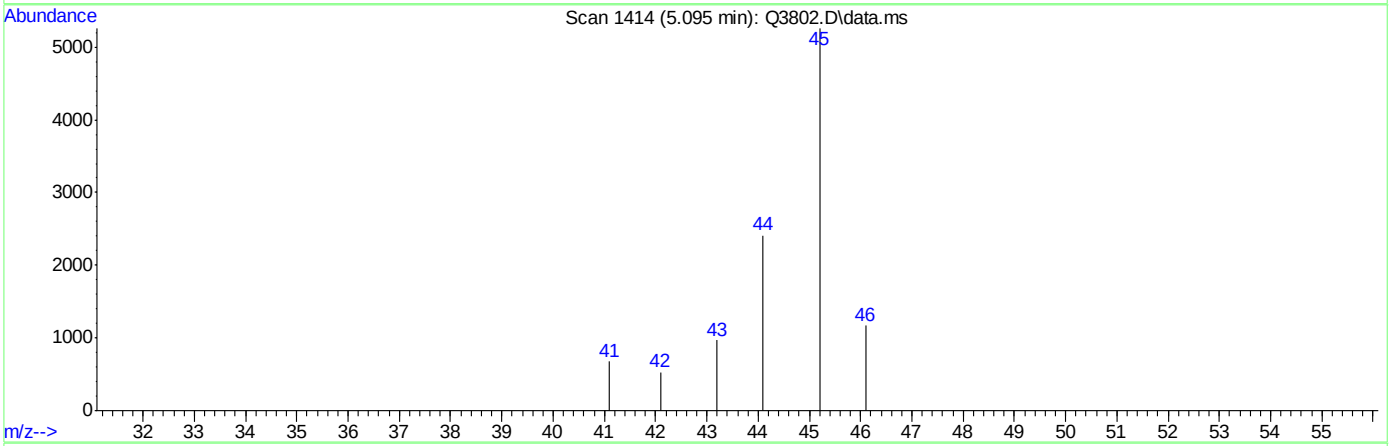
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	65.06#
42.00	8.40	18.33
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3802.D
Acq On : 25 Jun 2007 6:49 pm
Operator : PhilipB
Sample : IC204-2 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 26 08:31:27 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:31:20 2007
Response via : Initial Calibration





TIC: Q3802.D\data.ms

(16) ETHANOL (m)

5.095min (-0.002) 2.73PPBV m

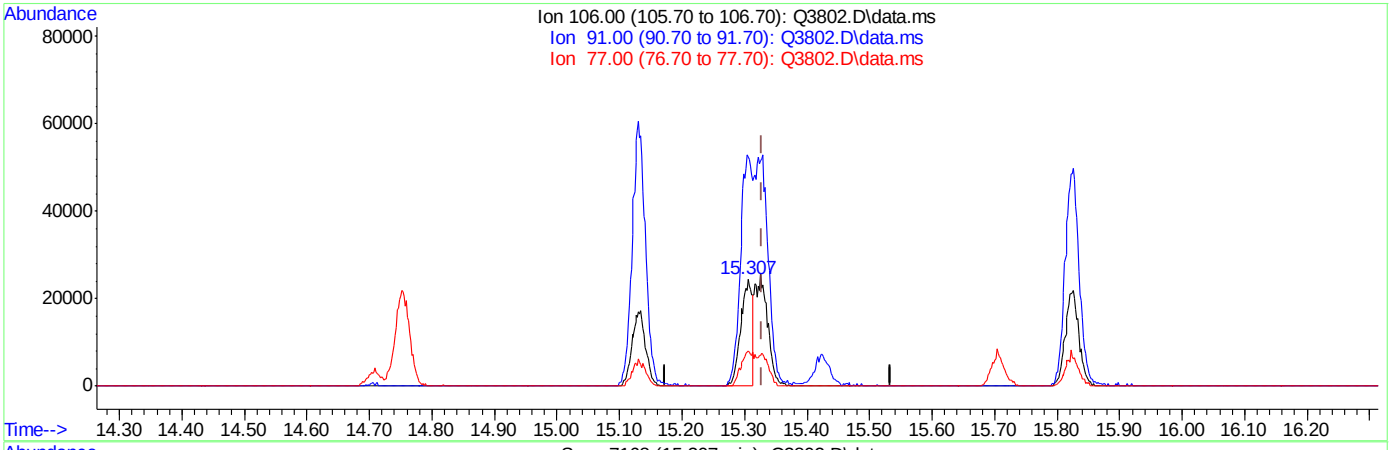
response 12315

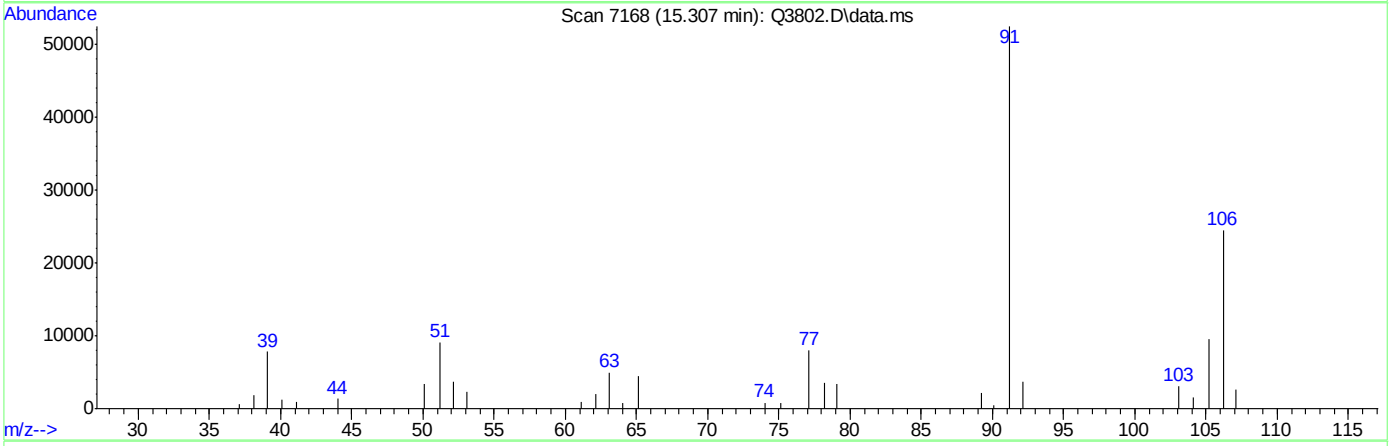
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	32.92
42.00	8.40	9.27
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3802.D
Acq On : 25 Jun 2007 6:49 pm
Operator : PhilipB
Sample : IC204-2 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 26 08:31:27 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:31:20 2007
Response via : Initial Calibration





TIC: Q3802.D\data.ms

(56) m,p-XYLENE (m)

15.307min (-0.022) 1.63PPBV

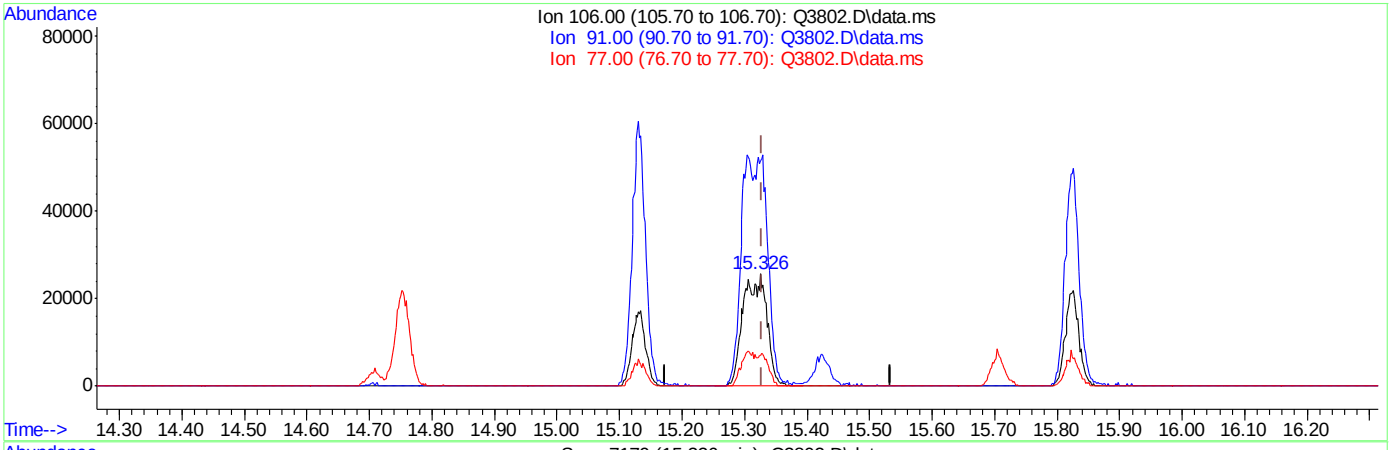
response 32110

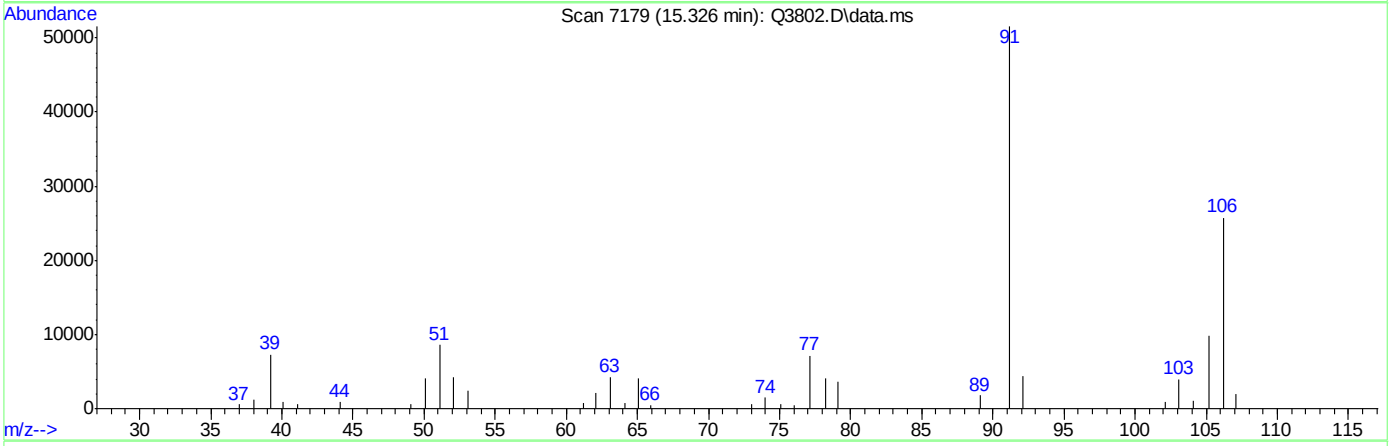
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	213.96
77.00	27.30	32.71
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3802.D
Acq On : 25 Jun 2007 6:49 pm
Operator : PhilipB
Sample : IC204-2 (M041)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 26 08:31:27 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:31:20 2007
Response via : Initial Calibration





TIC: Q3802.D\data.ms

(56) m,p-XYLENE (m)

15.326min (-0.003) 3.46PPBV m

response 68210

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	200.44
77.00	27.30	27.70
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 06/26/07 16:29

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3803.D
Acq On : 25 Jun 2007 7:33 pm
Operator : PhilipB
Sample : IC204-.5 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:33:11 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:32:10 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.635	128	98501	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.463	114	454864	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.708	117	397732	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.327	95	167672	4.90	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 98.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.031	85	27689	0.45	PPBV	75
3) PROPYLENE	3.957	41	7218	0.47	PPBV #	77
4) FREON 114	4.301	85	23181	0.43	PPBV	95
5) CHLOROMETHANE	4.198	50	9935	0.47	PPBV	92
6) VINYL CHLORIDE	4.418	62	8408	0.41	PPBV	79
7) 1,3-BUTADIENE	4.555	39	9363	0.57	PPBV #	77
8) BROMOMETHANE	4.835	94	7482	0.43	PPBV	94
9) CHLOROETHANE	5.000	64	3351	0.44	PPBV #	65
10) TRICHLOROFLUOROMETHANE	5.790	101	27366	0.47	PPBV	100
11) ISOPROPYL ALCOHOL	5.843	45	18013	0.65	PPBV	86
12) ACETONE	5.613	43	19236	0.80	PPBV	77
13) PENTANE	6.147	42	9987	0.56	PPBV	91
14) 1,1-DICHLOROETHYLENE	6.425	96	7110m	0.44	PPBV	
15) CARBON DISULFIDE	6.859	76	18737	0.42	PPBV	87
16) ETHANOL	5.114	45	3377	0.66	PPBV	74
17) BROMOETHENE	5.368	106	6590	0.40	PPBV #	86
18) METHYLENE CHLORIDE	6.548	84	12168	0.92	PPBV	75
19) 3-CHLOROPROPENE	6.660	39	7542	0.58	PPBV #	39
20) FREON 113	6.805	151	12464	0.50	PPBV	94
21) TRANS-1,2-DICHLOROETHY...	7.471	96	6213	0.44	PPBV #	86
22) TERTIARY BUTYL ALCOHOL	6.465	59	16254	0.46	PPBV	74
23) METHYL TERTIARY BUTYL ...	7.732	73	14541m	0.47	PPBV	
24) TETRAHYDROFURAN	9.160	42	7138	0.39	PPBV	70
25) HEXANE	8.663	57	14918	0.53	PPBV #	83
26) VINYL ACETATE	7.790	43	13649	0.51	PPBV	93
27) 1,1-DICHLOROETHANE	7.659	63	14162	0.50	PPBV	90
28) METHYL ETHYL KETONE	8.053	43	16413	0.47	PPBV	84
29) cis-1,2-DICHLOROETHYLENE	8.468	96	4278	0.33	PPBV #	69
30) ETHYL ACETATE	8.672	43	28699	0.50	PPBV #	96
31) CHLOROFORM	8.756	83	15028	0.44	PPBV	93
32) 1,1,1-TRICHLOROETHANE	9.712	97	15976	0.44	PPBV	99
33) CARBON TETRACHLORIDE	10.293	117	18306	0.43	PPBV	98
34) 1,2-DICHLOROETHANE	9.467	62	10775	0.42	PPBV	96
36) BENZENE	10.151	78	12539	0.38	PPBV	96
37) CYCLOHEXANE	10.412	84	6935m	0.43	PPBV	
38) TRICHLOROETHYLENE	11.146	95	7361	0.39	PPBV	89
39) 1,2-DICHLOROPROPANE	10.921	63	5336	0.35	PPBV	94
40) BROMODICHLOROMETHANE	11.109	83	12279	0.38	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.168	57	34614	0.43	PPBV	97
42) 1,4-DIOXANE	11.168	88	1755	0.28	PPBV #	1
43) HEPTANE	11.405	43	14718	0.46	PPBV	83

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3803.D
Acq On : 25 Jun 2007 7:33 pm
Operator : PhilipB
Sample : IC204-.5 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:33:11 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:32:10 2007
Response via : Initial Calibration

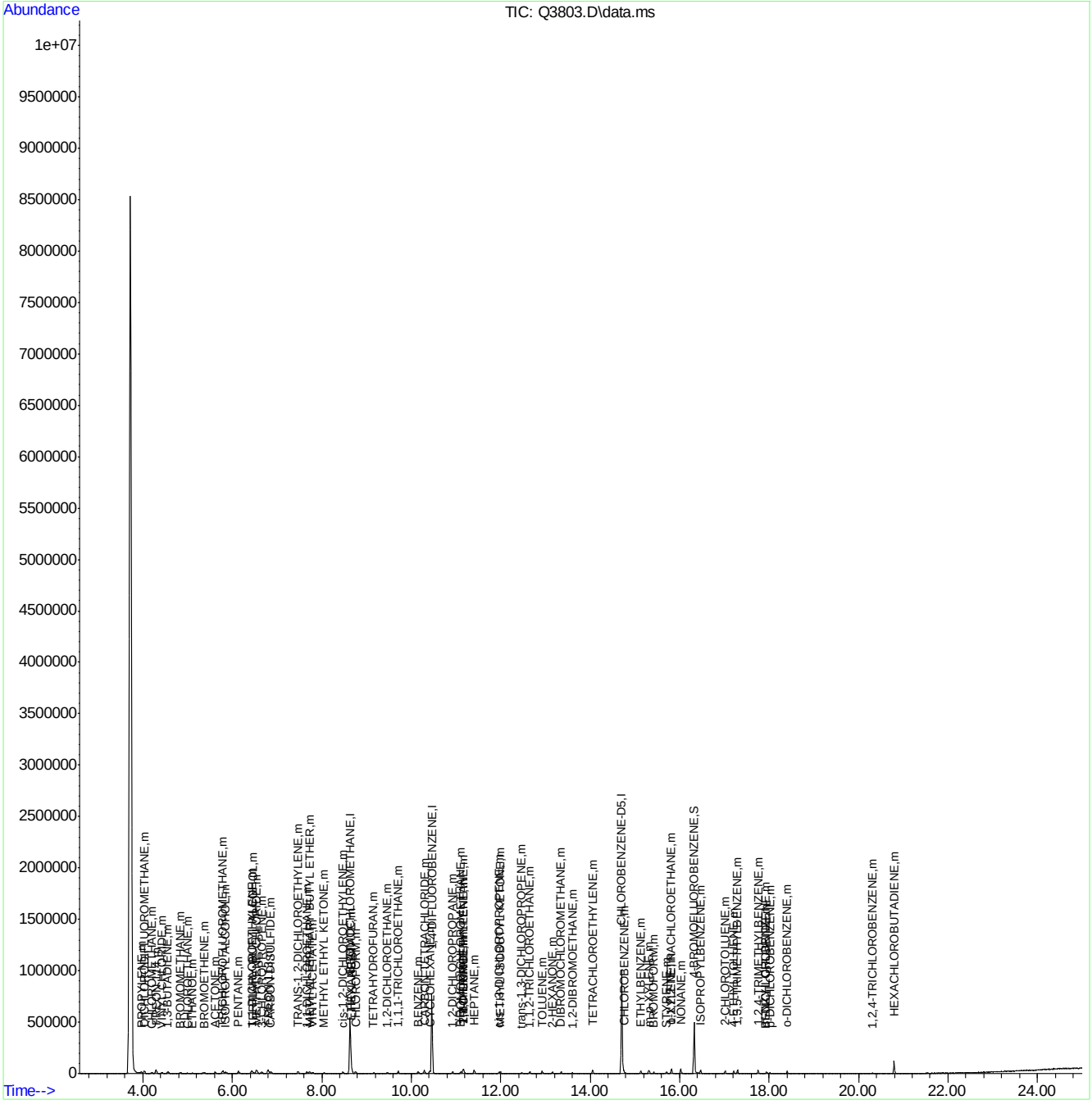
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.993	43	14880	0.39	PPBV		82
45) cis-1,3-DICHLOROPROPENE	11.957	75	5874	0.31	PPBV	#	66
46) TOLUENE	12.921	92	7912	0.36	PPBV		92
47) trans-1,3-DICHLOROPROPENE	12.461	75	4441	0.25	PPBV		85
48) 1,1,2-TRICHLOROETHANE	12.644	83	4333	0.35	PPBV		93
50) 2-HEXANONE	13.159	43	11906	0.38	PPBV		86
51) TETRACHLOROETHYLENE	14.059	164	5231	0.35	PPBV	#	85
52) DIBROMOCHLOROMETHANE	13.347	129	9299	0.33	PPBV		96
53) 1,2-DIBROMOETHANE	13.596	107	6821	0.31	PPBV	#	96
54) CHLOROBENZENE	14.751	112	9327	0.31	PPBV		96
55) ETHYLBENZENE	15.129	91	16575	0.33	PPBV		95
56) m,p-XYLENE	15.331	106	11721	0.61	PPBV	#	88
57) o-XYLENE	15.826	106	6039	0.32	PPBV	#	85
58) STYRENE	15.699	104	5496	0.21	PPBV		92
59) NONANE	16.025	43	17945	0.44	PPBV	#	85
60) BROMOFORM	15.425	173	5356	0.25	PPBV	#	95
62) 1,1,2,2-TETRACHLOROETHANE	15.814	83	12001	0.40	PPBV		97
63) ISOPROPYLBENZENE	16.472	105	19435	0.36	PPBV	#	100
64) 2-CHLOROTOLUENE	17.019	91	13608	0.33	PPBV		94
65) 4-ETHYLTOLUENE	17.211	105	14960m	0.30	PPBV		
66) 1,3,5-TRIMETHYLBENZENE	17.298	105	16496	0.35	PPBV		95
67) 1,2,4-TRIMETHYLBENZENE	17.759	105	14175	0.32	PPBV		95
68) m-DICHLOROBENZENE	17.942	146	5623	0.24	PPBV		96
69) BENZYL CHLORIDE	17.922	91	4332	0.17	PPBV		66
70) p-DICHLOROBENZENE	18.018	146	4177	0.19	PPBV		94
71) o-DICHLOROBENZENE	18.403	146	7123	0.32	PPBV		97
72) HEXACHLOROBUTADIENE	20.801	225	12246	1.50	PPBV		97
73) 1,2,4-TRICHLOROBENZENE	20.306	180	1525	0.32	PPBV	#	78

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3803.D
Acq On : 25 Jun 2007 7:33 pm
Operator : PhilipB
Sample : IC204-.5 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:33:11 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:32:10 2007
Response via : Initial Calibration

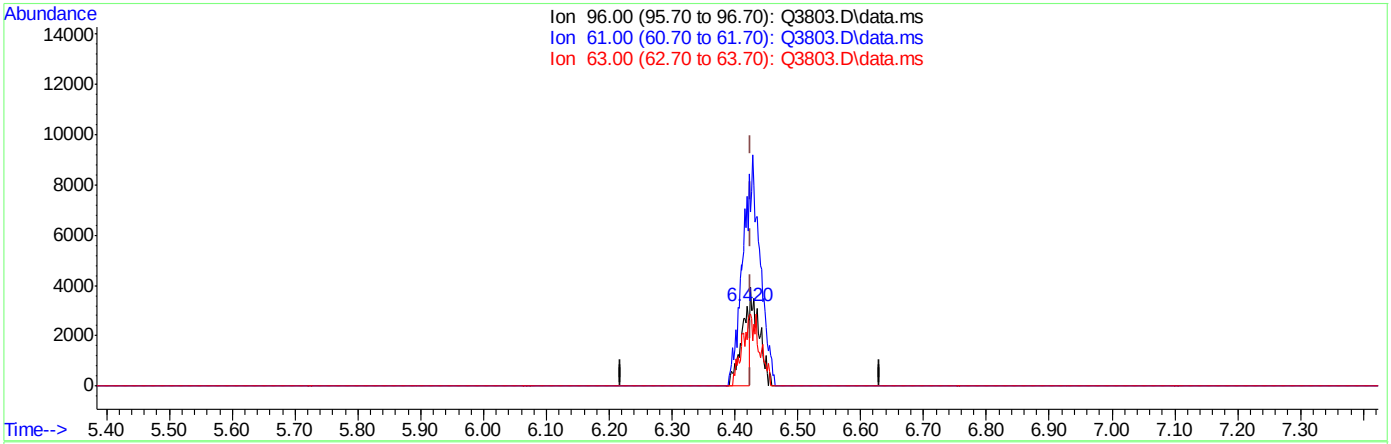


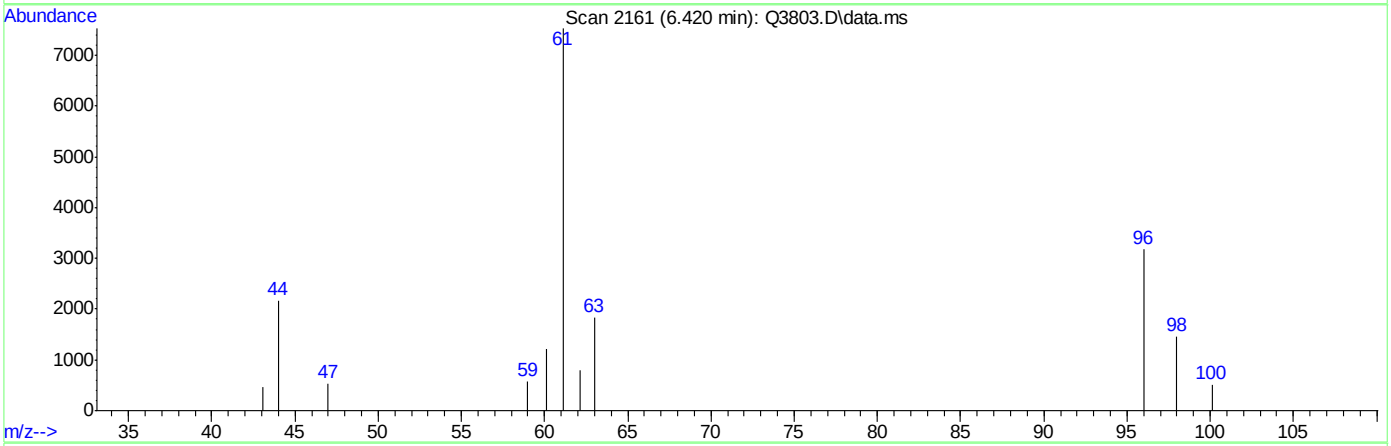
ACCUTEST Laboratories M65960

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3803.D
Acq On : 25 Jun 2007 7:33 pm
Operator : PhilipB
Sample : IC204-.5 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:32:16 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:32:10 2007
Response via : Initial Calibration





TIC: Q3803.D\data.ms

(14) 1,1-DICHLOROETHYLENE (m)

6.420min (-0.005) 0.21PPBV

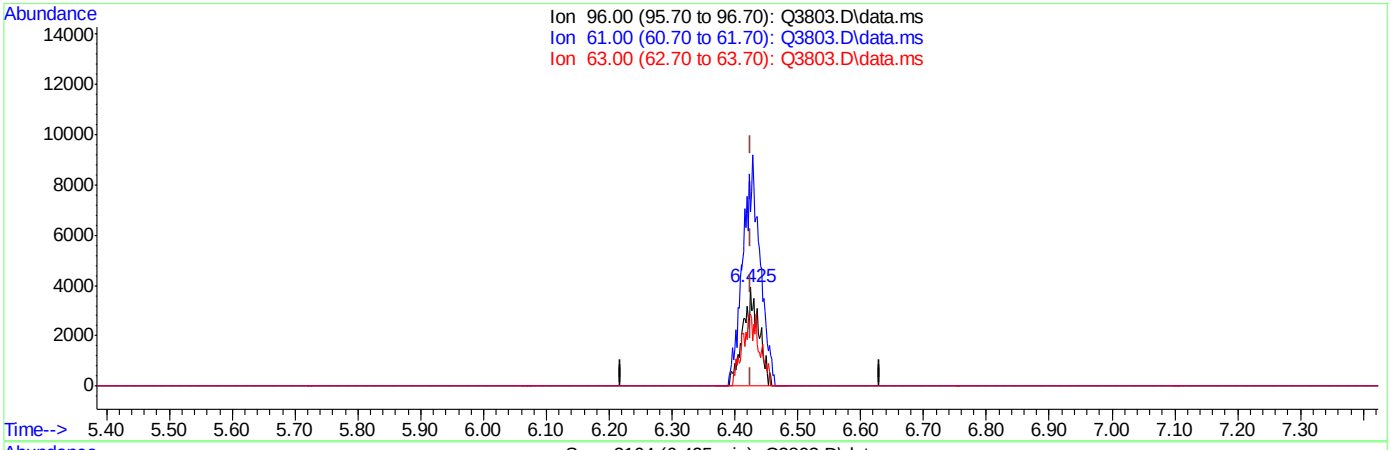
response 3325

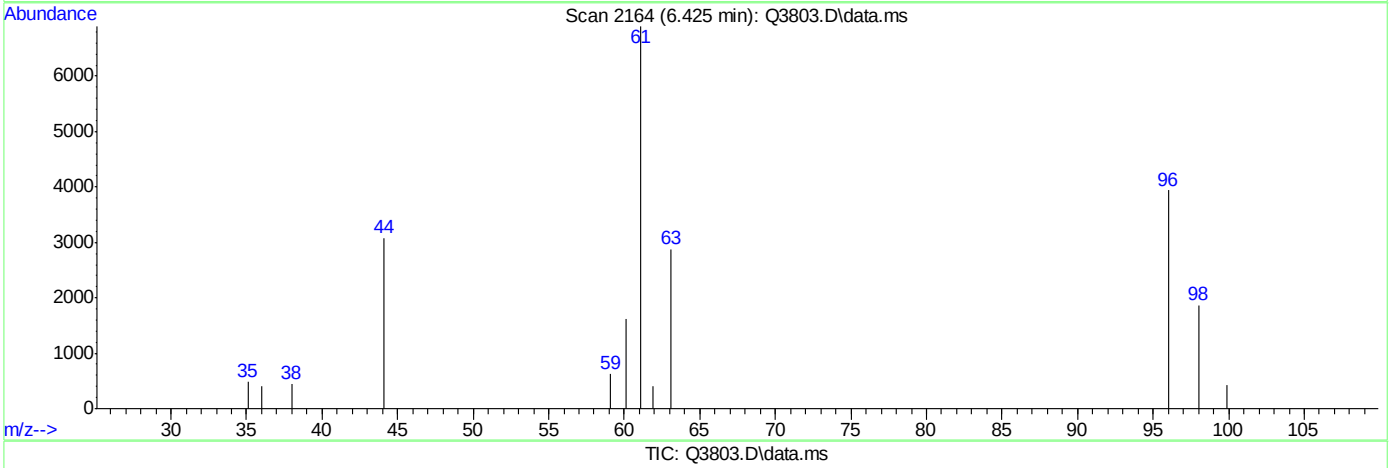
Ion	Exp%	Act%
96.00	100	100
61.00	213.40	539.79#
63.00	65.80	169.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3803.D
Acq On : 25 Jun 2007 7:33 pm
Operator : PhilipB
Sample : IC204-.5 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:32:16 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:32:10 2007
Response via : Initial Calibration





TIC: Q3803.D\data.ms

(14) 1,1-DICHLOROETHYLENE (m)

6.425min (-0.000) 0.44PPBV m

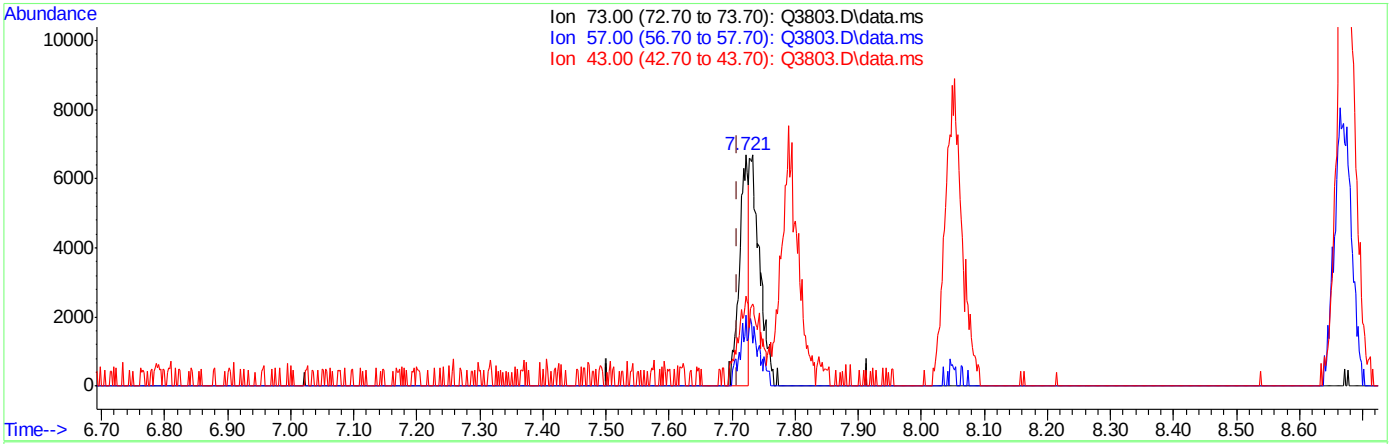
response 7110

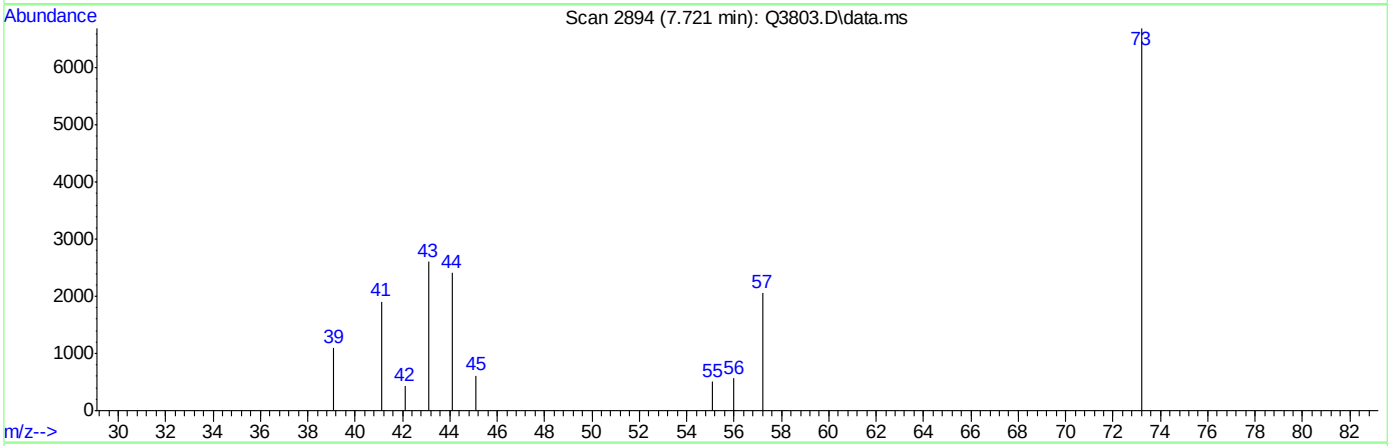
Ion	Exp%	Act%
96.00	100	100
61.00	213.40	252.43#
63.00	65.80	79.25
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3803.D
Acq On : 25 Jun 2007 7:33 pm
Operator : PhilipB
Sample : IC204-.5 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:32:16 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:32:10 2007
Response via : Initial Calibration





TIC: Q3803.D\data.ms

(23) METHYL TERTIARY BUTYL ETHER (m)

7.721min (+0.012) 0.21PPBV

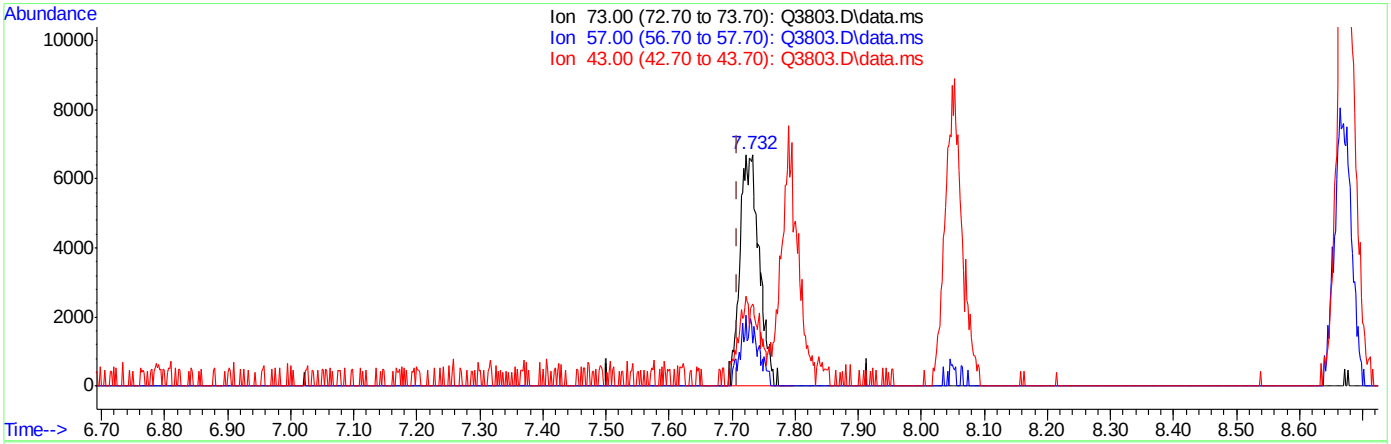
response 6461

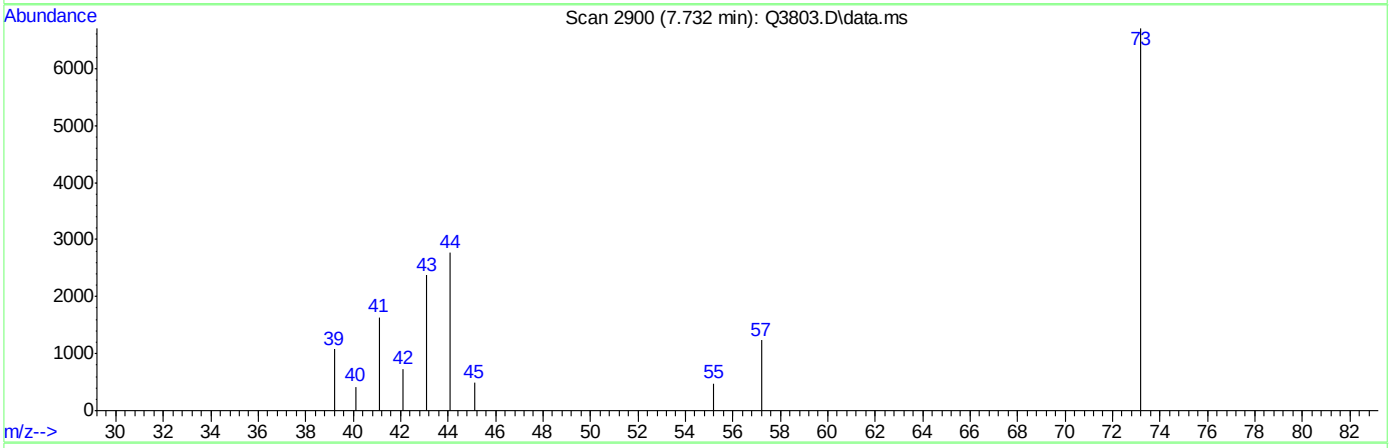
Ion	Exp%	Act%
73.00	100	100
57.00	26.00	59.68#
43.00	25.90	92.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3803.D
Acq On : 25 Jun 2007 7:33 pm
Operator : PhilipB
Sample : IC204-.5 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:32:16 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:32:10 2007
Response via : Initial Calibration





TIC: Q3803.D\data.ms

(23) METHYL TERTIARY BUTYL ETHER (m)

7.732min (+0.023) 0.47PPBV m

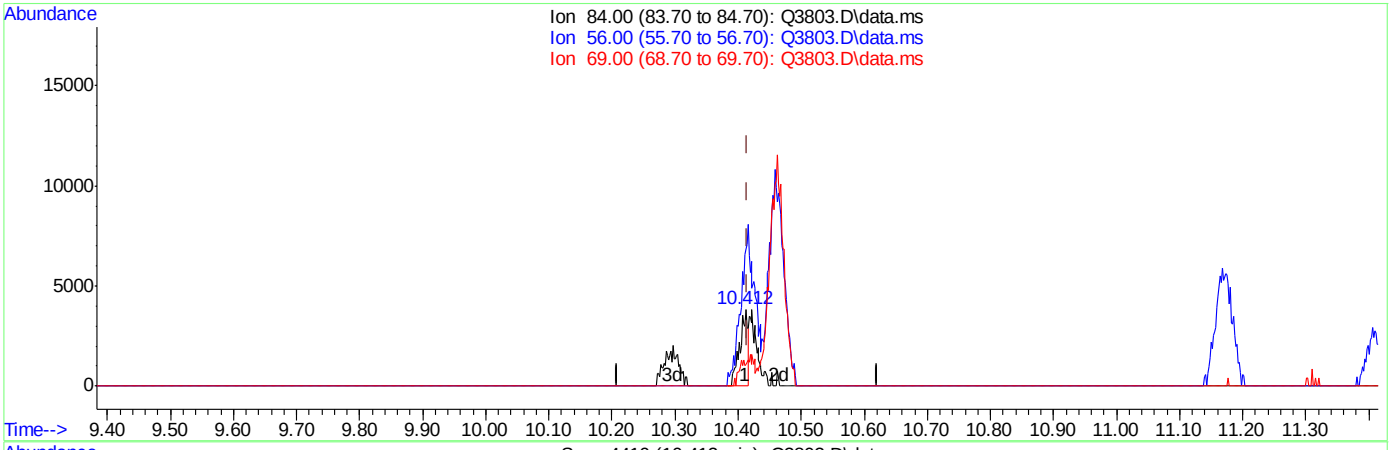
response 14541

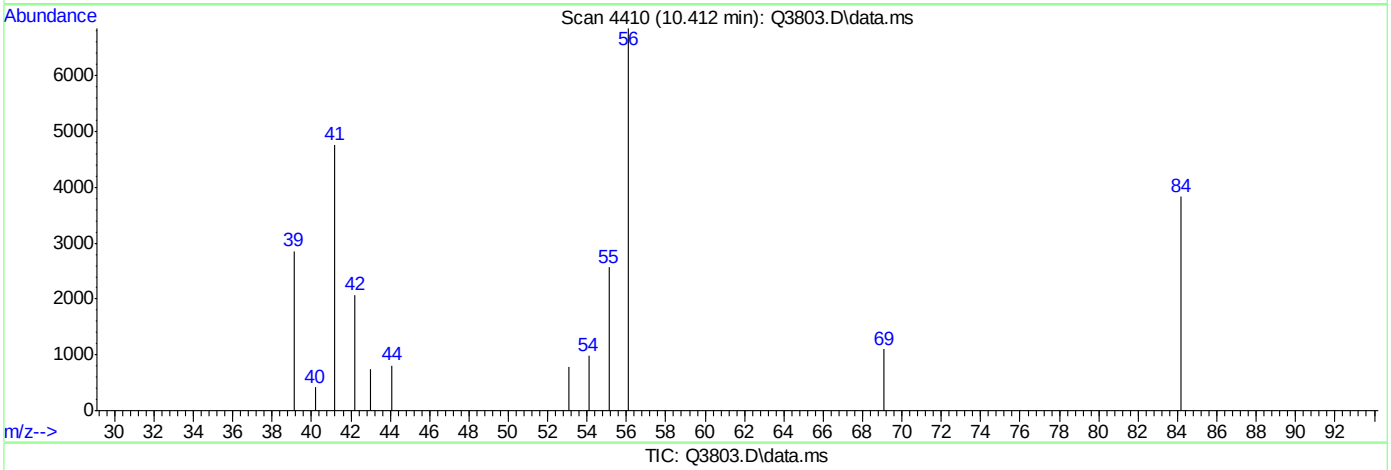
Ion	Exp%	Act%
73.00	100	100
57.00	26.00	26.52
43.00	25.90	41.17
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3803.D
Acq On : 25 Jun 2007 7:33 pm
Operator : PhilipB
Sample : IC204-.5 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:32:16 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:32:10 2007
Response via : Initial Calibration





TIC: Q3803.D\data.ms

(37) CYCLOHEXANE (m)

10.412min (-0.004) 0.21PPBV

response 3349

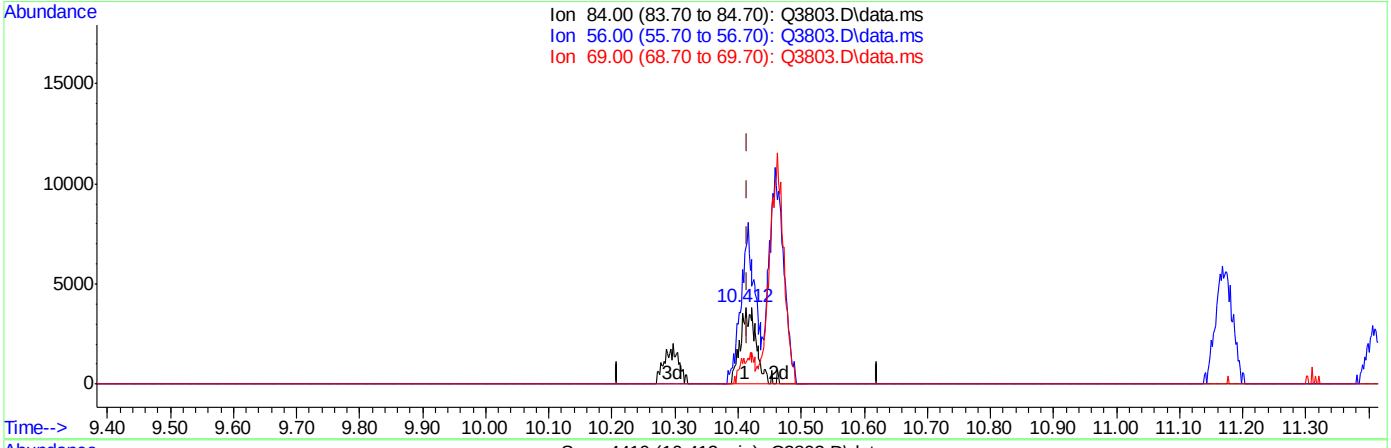
Ion	Exp%	Act%
84.00	100	100
56.00	177.10	371.93#
69.00	37.70	29.59
0.00	0.00	0.00

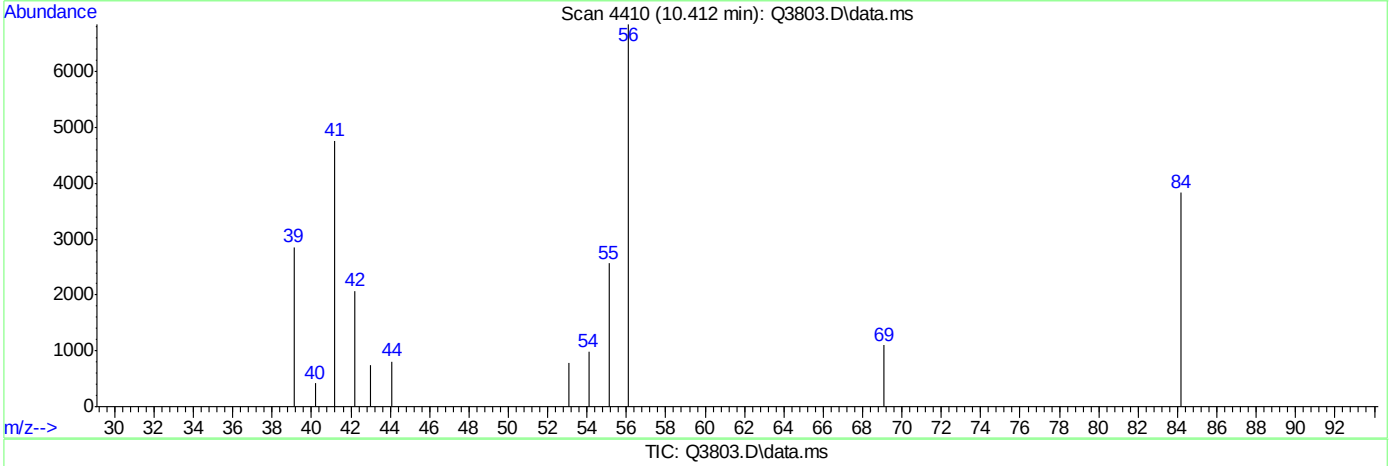
ACCUTEST Laboratories M65960

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3803.D
Acq On : 25 Jun 2007 7:33 pm
Operator : PhilipB
Sample : IC204-.5 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:32:16 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:32:10 2007
Response via : Initial Calibration





TIC: Q3803.D\data.ms

(37) CYCLOHEXANE (m)

10.412min (-0.004) 0.43PPBV m

response 6935

Ion	Exp%	Act%
84.00	100	100
56.00	177.10	179.61
69.00	37.70	14.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3803.D
Acq On    : 25 Jun 2007   7:33 pm
Operator  : PhilipB
Sample    : IC204-.5 (M087)
Misc      : MS13781, MSQ204,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Jun 26 08:32:16 2007
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Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:32:10 2007
Response via : Initial Calibration
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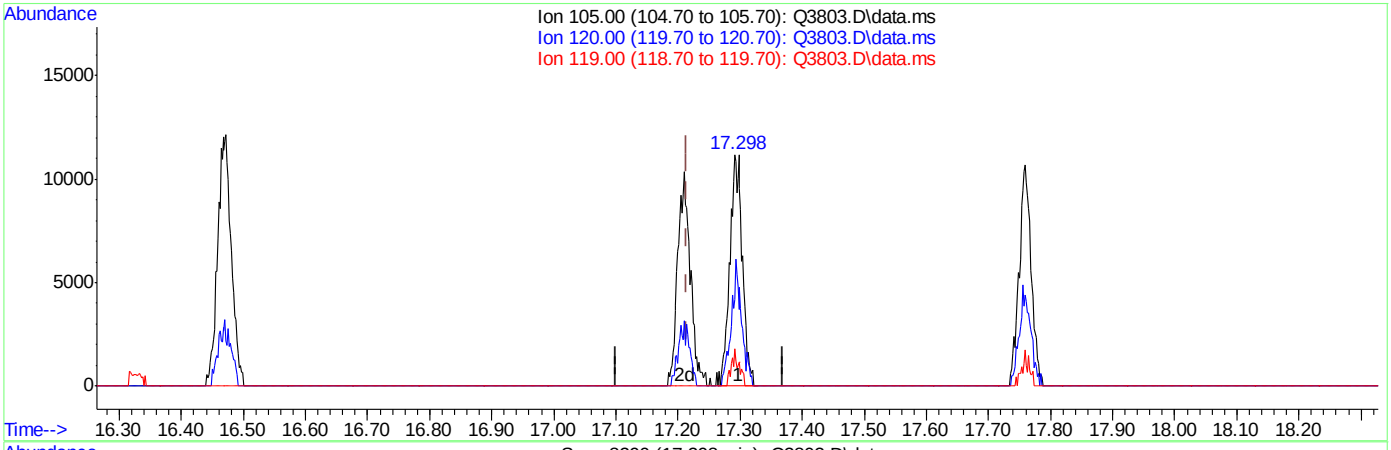

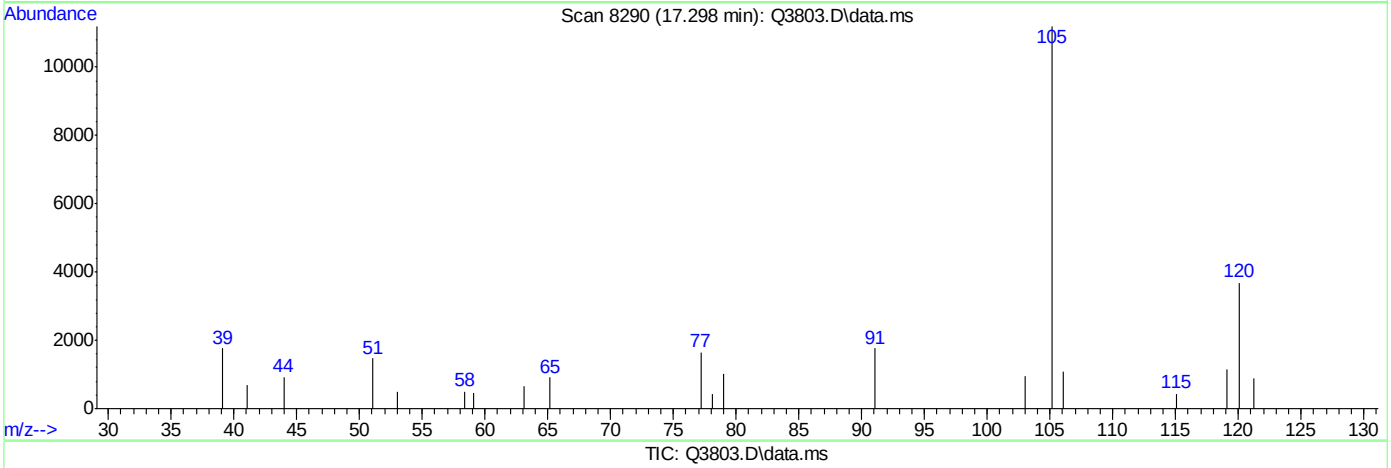

TIC: Q3803.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.298min (+0.083) 0.33PPBV

response 16496

Ion	Exp%	Act%
105.00	100	100
120.00	29.20	44.95
119.00	2.10	9.77
0.00	0.00	0.00

ACCUTEST Laboratories M65960

Quantitation Report (Qedit)

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Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:32:16 2007
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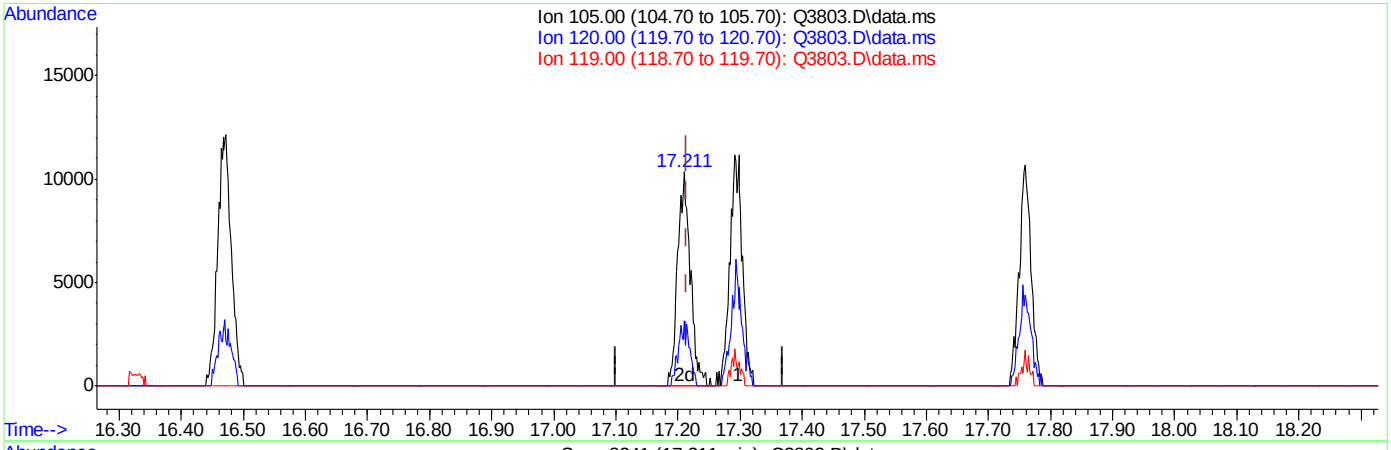

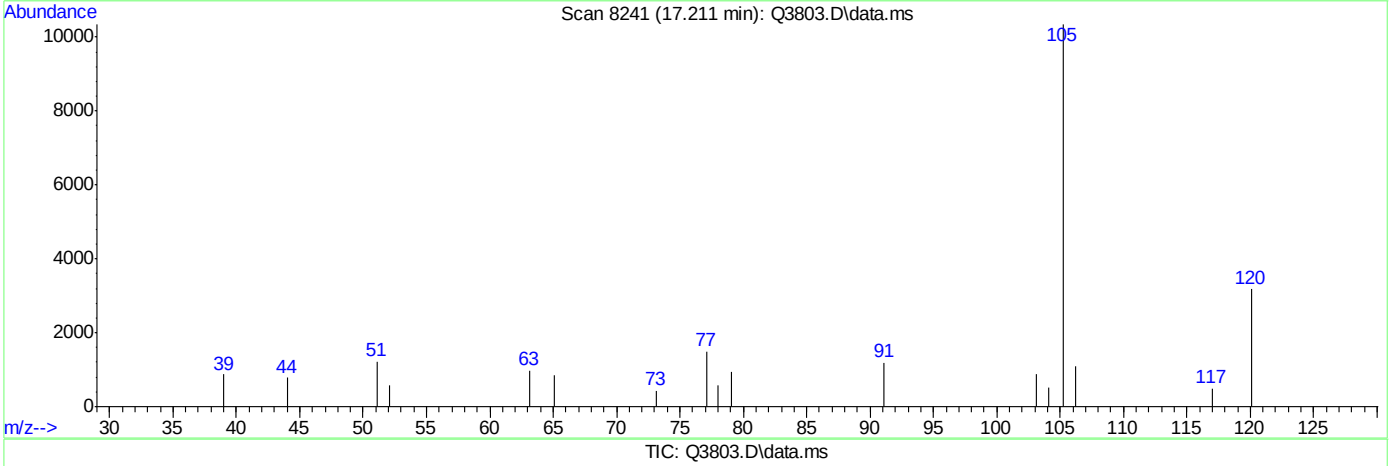

TIC: Q3803.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.211min (-0.004) 0.30PPBV m

response 14960

Ion	Exp%	Act%
105.00	100	100
120.00	29.20	49.57#
119.00	2.10	10.77
0.00	0.00	0.00

Q3804.D

Manual Integrations APPROVED (compounds with "m" flag)

Doug Yargeau 06/26/07 16:29

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On : 25 Jun 2007 8:17 pm
Operator : PhilipB
Sample : IC204-.2 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:36:07 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	82178	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.461	114	388776	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.707	117	337276	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.325	95	139898	4.84	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 96.80%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.031	85	12355	0.24	PPBV		97
3) PROPYLENE	3.960	41	3327	0.26	PPBV		87
4) FREON 114	4.298	85	10904	0.25	PPBV		88
5) CHLOROMETHANE	4.205	50	4770m	0.27	PPBV		
6) VINYL CHLORIDE	4.420	62	3645m	0.22	PPBV		
7) 1,3-BUTADIENE	4.564	39	4694m	0.34	PPBV		
8) BROMOMETHANE	4.830	94	3105	0.22	PPBV	#	89
9) CHLOROETHANE	5.002	64	835m	0.14	PPBV		
10) TRICHLOROFLUOROMETHANE	5.790	101	12388	0.26	PPBV		94
11) ISOPROPYL ALCOHOL	5.845	45	9828	0.41	PPBV		88
12) ACETONE	5.614	43	10871	0.49	PPBV		67
13) PENTANE	6.136	42	5022m	0.33	PPBV		
14) 1,1-DICHLOROETHYLENE	6.418	96	2967	0.23	PPBV	#	1
15) CARBON DISULFIDE	6.857	76	8762	0.24	PPBV		72
16) ETHANOL	5.096	45	1865	0.41	PPBV	#	47
17) BROMOETHENE	5.364	106	2928m	0.22	PPBV		
18) METHYLENE CHLORIDE	6.544	84	7466	0.59	PPBV		84
19) 3-CHLOROPROPENE	6.663	39	3473m	0.31	PPBV		
20) FREON 113	6.804	151	5694	0.27	PPBV	#	86
21) TRANS-1,2-DICHLOROETHY...	7.469	96	2676m	0.23	PPBV		
22) TERTIARY BUTYL ALCOHOL	6.459	59	6643m	0.23	PPBV		
23) METHYL TERTIARY BUTYL ...	7.734	73	5245	0.21	PPBV	#	77
24) TETRAHYDROFURAN	9.171	42	2459	0.17	PPBV	#	47
25) HEXANE	8.667	57	7331	0.31	PPBV	#	82
26) VINYL ACETATE	7.787	43	5915	0.26	PPBV	#	66
27) 1,1-DICHLOROETHANE	7.673	63	5328	0.23	PPBV		82
28) METHYL ETHYL KETONE	8.058	43	5860	0.20	PPBV		69
29) cis-1,2-DICHLOROETHYLENE	8.474	96	1405	0.14	PPBV	#	49
30) ETHYL ACETATE	8.674	43	12129	0.25	PPBV	#	96
31) CHLOROFORM	8.759	83	5854	0.21	PPBV		94
32) 1,1,1-TRICHLOROETHANE	9.711	97	5905	0.20	PPBV	#	83
33) CARBON TETRACHLORIDE	10.298	117	7677	0.22	PPBV		97
34) 1,2-DICHLOROETHANE	9.462	62	4077	0.20	PPBV	#	63
36) BENZENE	10.154	78	4418	0.16	PPBV	#	62
37) CYCLOHEXANE	10.415	84	2782	0.21	PPBV	#	51
38) TRICHLOROETHYLENE	11.141	95	2437m	0.16	PPBV		
39) 1,2-DICHLOROPROPANE	10.930	63	1691	0.14	PPBV	#	54
40) BROMODICHLOROMETHANE	11.113	83	4449	0.17	PPBV		88
41) 2,2,4-TRIMETHYLPENTANE	11.175	57	13066	0.19	PPBV	#	49
42) 1,4-DIOXANE	11.171	88	155	0.03	PPBV	#	1
43) HEPTANE	11.413	43	6131	0.23	PPBV	#	71

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On : 25 Jun 2007 8:17 pm
Operator : PhilipB
Sample : IC204-.2 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:36:07 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.998	43	5606	0.18 PPBV #	57
45) cis-1,3-DICHLOROPROPENE	11.959	75	2037	0.13 PPBV #	67
46) TOLUENE	12.930	92	3229	0.18 PPBV	90
47) trans-1,3-DICHLOROPROPENE	12.467	75	1526	0.11 PPBV #	67
48) 1,1,2-TRICHLOROETHANE	12.646	83	1469	0.15 PPBV #	14
50) 2-HEXANONE	13.161	43	4481	0.18 PPBV #	69
51) TETRACHLOROETHYLENE	14.057	164	1835	0.15 PPBV #	80
52) DIBROMOCHLOROMETHANE	13.349	129	2985	0.13 PPBV	93
53) 1,2-DIBROMOETHANE	13.603	107	2263	0.13 PPBV #	95
54) CHLOROBENZENE	14.753	112	3066	0.13 PPBV	80
55) ETHYLBENZENE	15.131	91	5847	0.14 PPBV	93
56) m,p-XYLENE	15.306	106	3976m	0.26 PPBV	
57) o-XYLENE	15.821	106	1704	0.11 PPBV #	61
58) STYRENE	15.711	104	1628	0.08 PPBV	87
59) NONANE	16.027	43	6487	0.19 PPBV #	66
60) BROMOFORM	15.425	173	1851	0.11 PPBV #	70
62) 1,1,2,2-TETRACHLOROETHANE	15.814	83	3843	0.16 PPBV #	95
63) ISOPROPYLBENZENE	16.473	105	6538	0.15 PPBV #	100
64) 2-CHLOROTOLUENE	17.017	91	5187	0.16 PPBV	85
65) 4-ETHYLTOLUENE	17.209	105	4817m	0.12 PPBV	
66) 1,3,5-TRIMETHYLBENZENE	17.292	105	5554	0.15 PPBV	88
67) 1,2,4-TRIMETHYLBENZENE	17.761	105	4927	0.14 PPBV	83
68) m-DICHLOROBENZENE	17.947	146	1739	0.10 PPBV #	71
69) BENZYL CHLORIDE	17.914	91	1178m	0.06 PPBV	
70) p-DICHLOROBENZENE	18.020	146	1069	0.06 PPBV #	75
71) o-DICHLOROBENZENE	18.405	146	2126	0.12 PPBV	93
72) HEXACHLOROBUTADIENE	20.798	225	4228	0.46 PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.311	180	331m	0.09 PPBV	

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

Quantitation Report (QT Reviewed)

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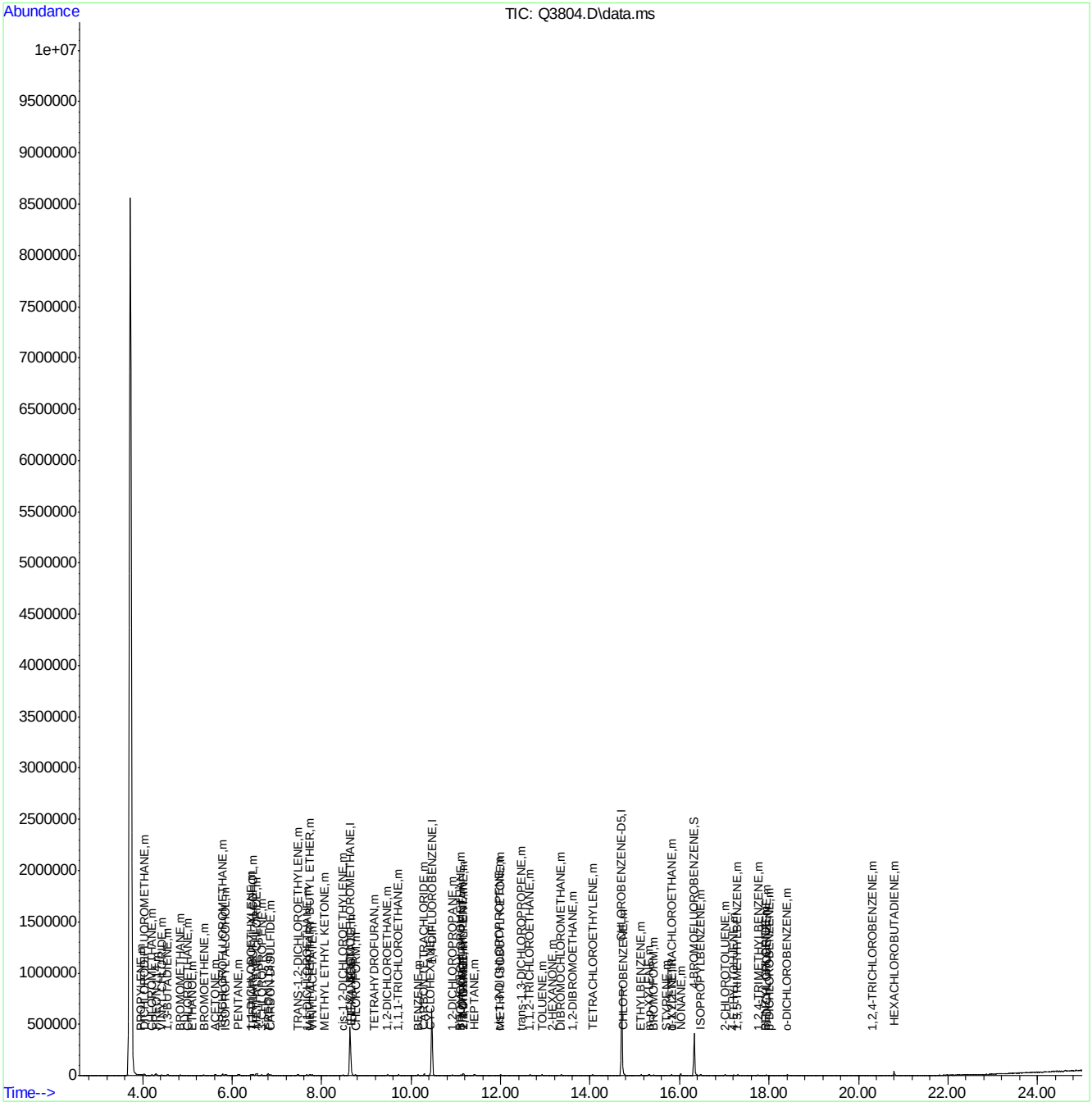
Operator : PhilipB
Sample : IC204-.2 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:36:07 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On : 25 Jun 2007 8:17 pm
Operator : PhilipB
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Misc : MS13781, MSQ204,,,,,1
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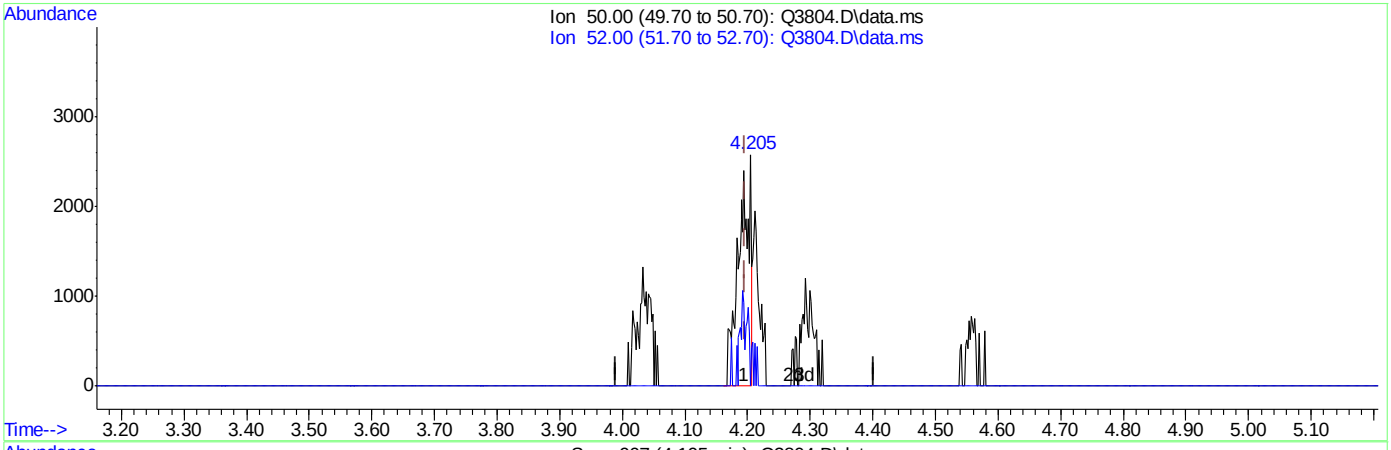

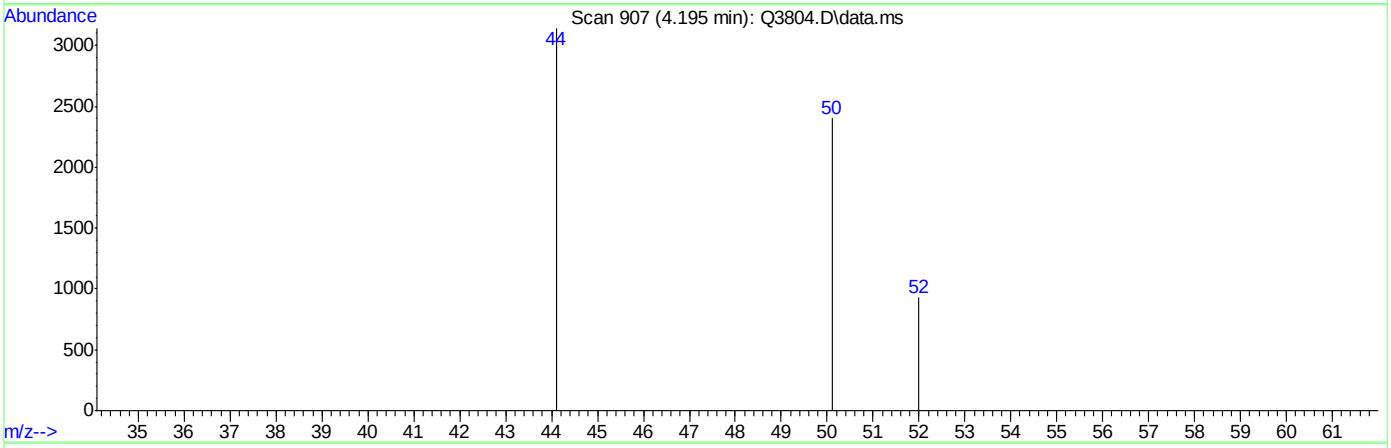

TIC: Q3804.D\data.ms

(5) CHLOROMETHANE (m)

4.195min (-0.002) 0.19PPBV

response 3380

Ion	Exp%	Act%
50.00	100	100
52.00	32.20	40.93
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : Q3804.D
Acq On : 25 Jun 2007 8:17 pm
Operator : PhilipB
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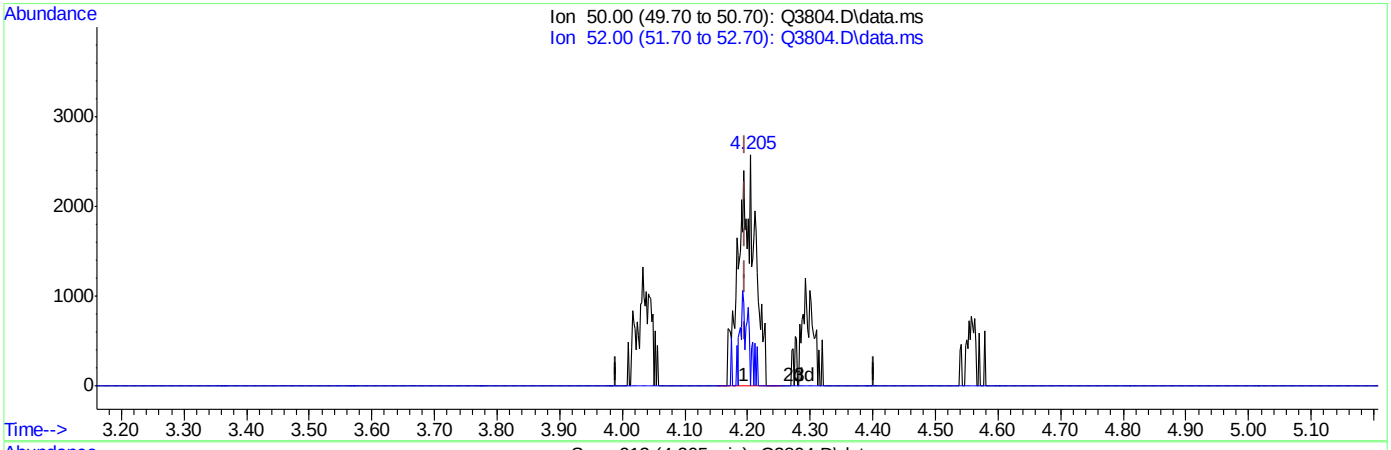

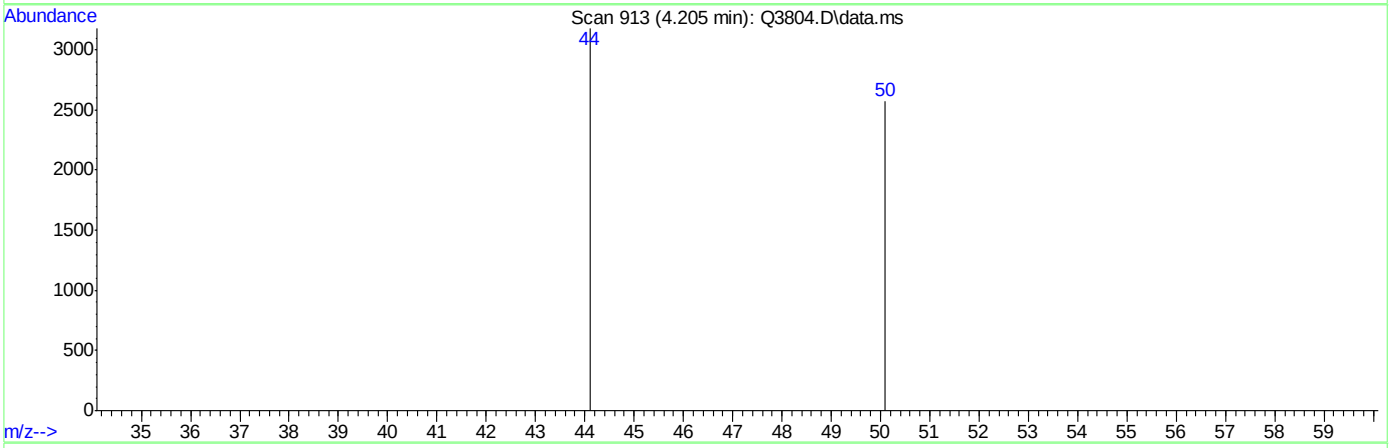

TIC: Q3804.D\data.ms

(5) CHLOROMETHANE (m)

4.205min (+0.009) 0.27PPBV m

response 4770

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 : Q3804.D
Acq On    : 25 Jun 2007   8:17 pm
Operator  : PhilipB
Sample    : IC204-.2 (M087)
Misc      : MS13781, MSQ204,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Jun 26 08:33:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration
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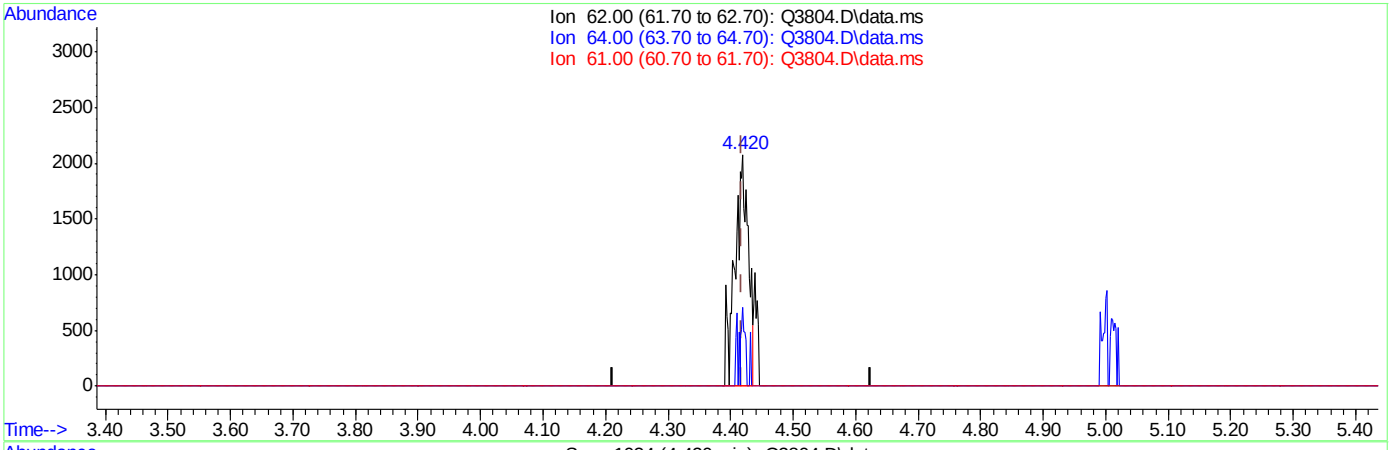
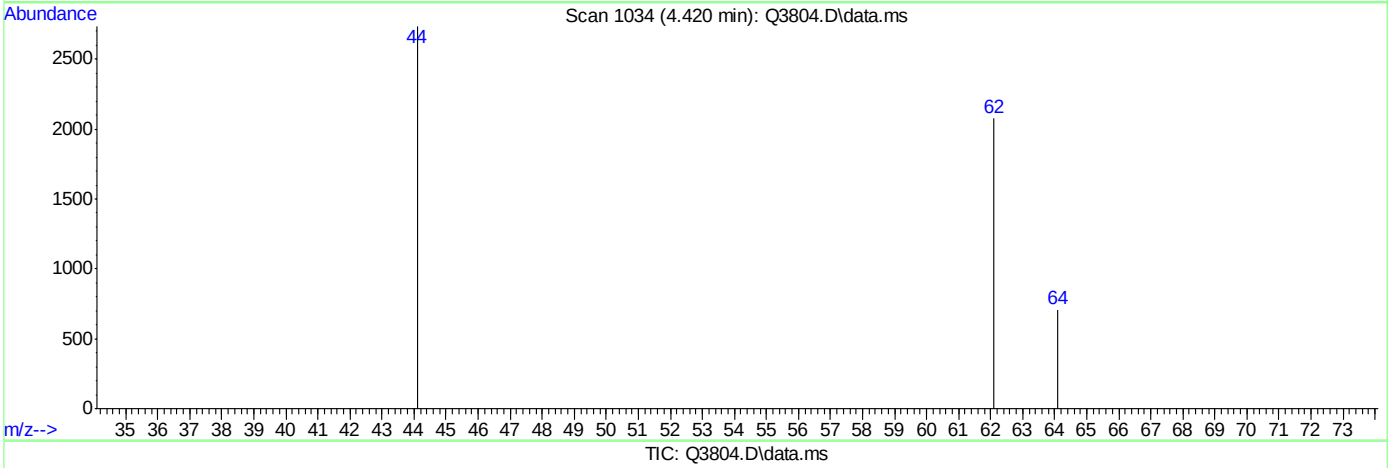




TIC: Q3804.D\data.ms

(6) VINYL CHLORIDE (m)

4.420min (+0.002) 0.19PPBV

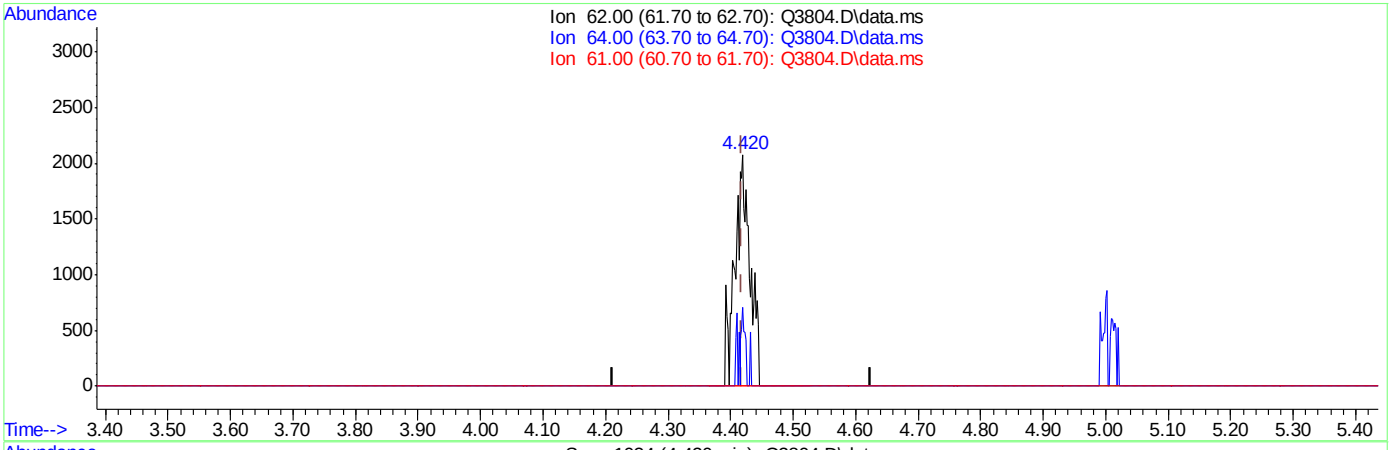
response 3251

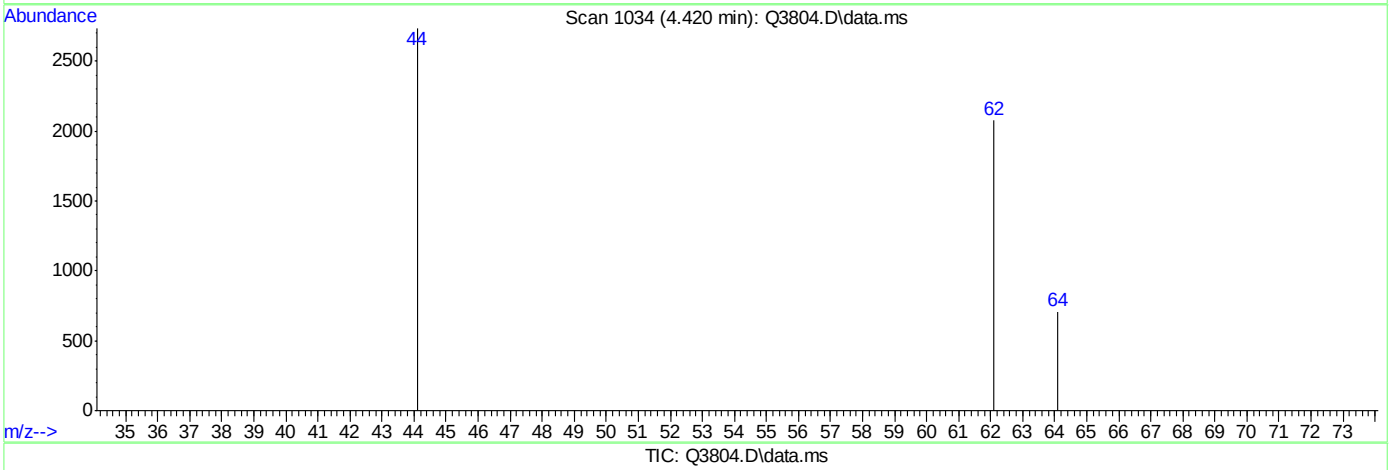
Ion	Exp%	Act%
62.00	100	100
64.00	30.40	10.03#
61.00	8.60	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On    : 25 Jun 2007   8:17 pm
Operator  : PhilipB
Sample    : IC204-.2 (M087)
Misc      : MS13781, MSQ204,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Jun 26 08:33:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration
```



TIC: Q3804.D\data.ms

(6) VINYL CHLORIDE (m)

4.420min (+0.002) 0.22PPBV m

response 3645

Ion	Exp%	Act%
62.00	100	100
64.00	30.40	8.94#
61.00	8.60	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
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Operator : PhilipB
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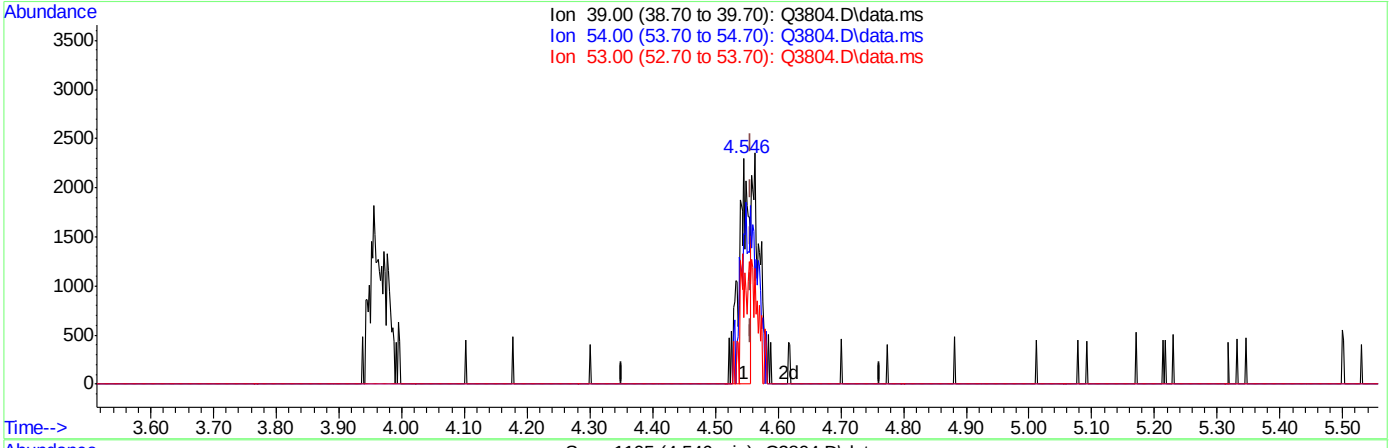
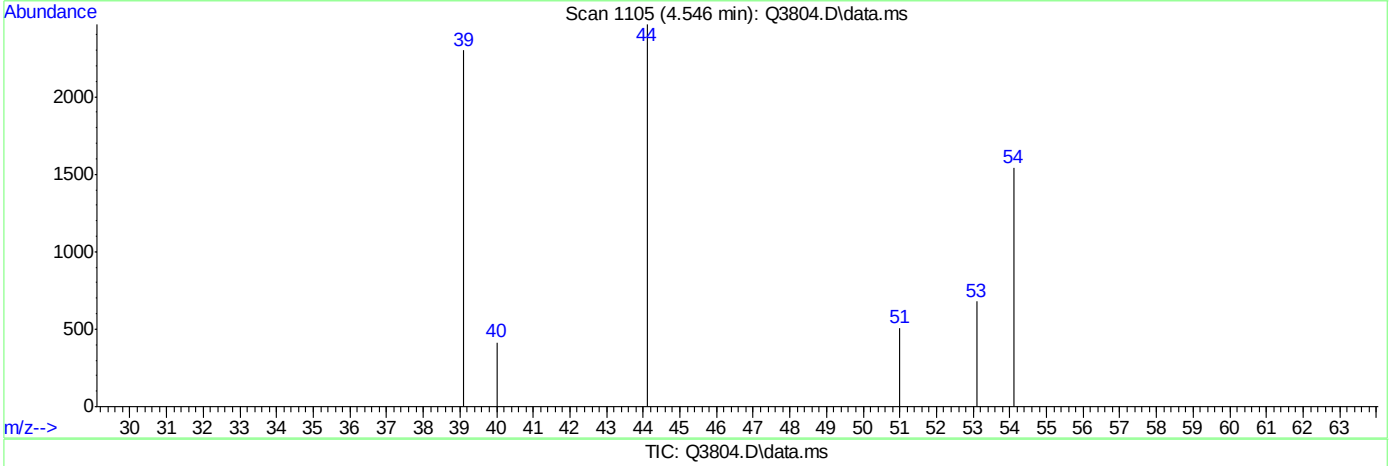




TIC: Q3804.D\data.ms

(7) 1,3-BUTADIENE (m)

4.546min (-0.011) 0.19PPBV

response 2605

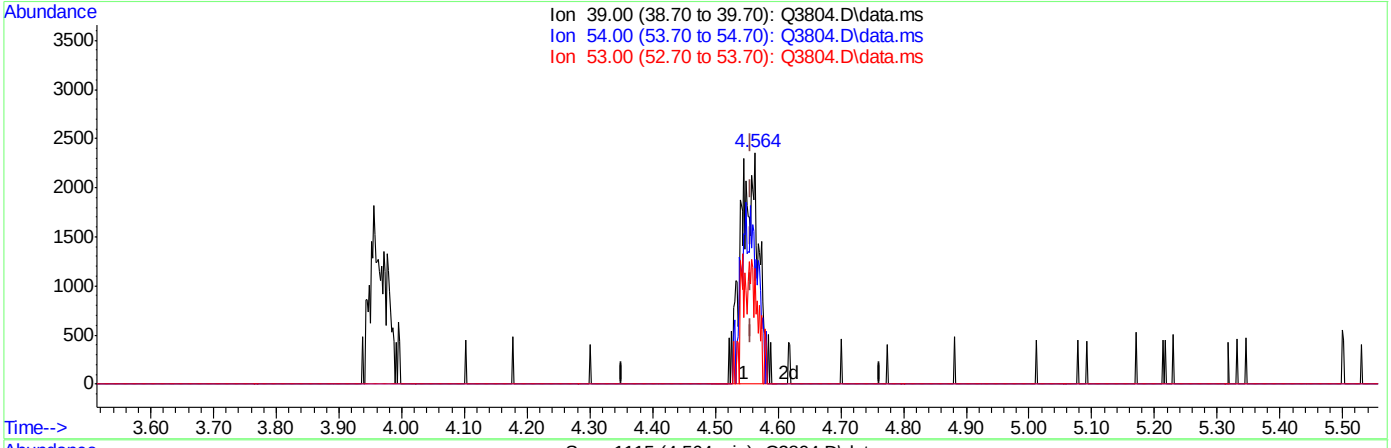
Ion	Exp%	Act%
39.00	100	100
54.00	111.20	130.60
53.00	75.80	83.76
0.00	0.00	0.00

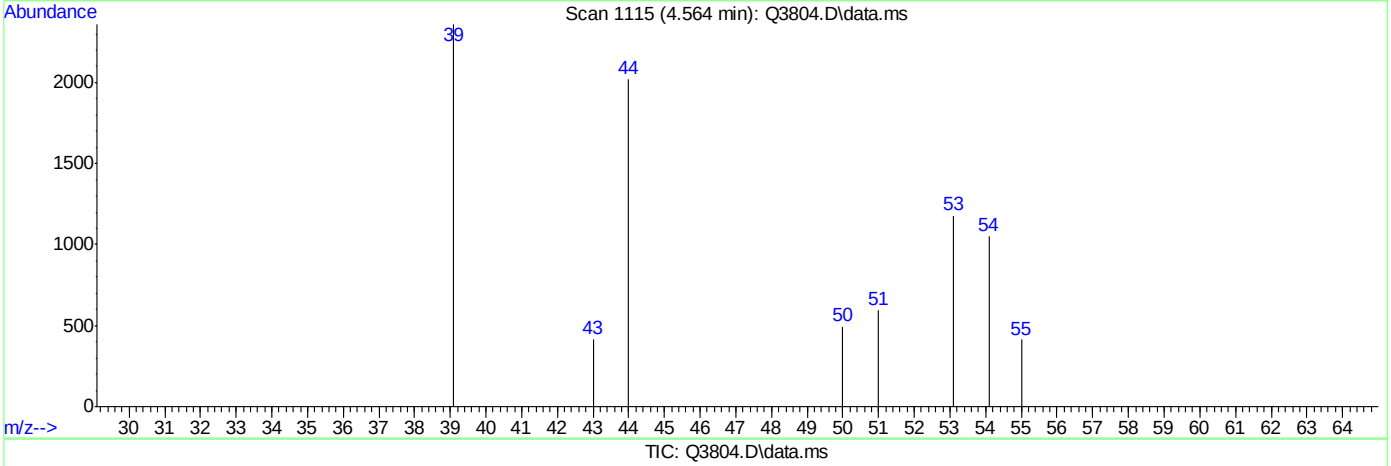
ACCUTEST Laboratories M65960

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On : 25 Jun 2007 8:17 pm
Operator : PhilipB
Sample : IC204-.2 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:33:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration





TIC: Q3804.D\data.ms

(7) 1,3-BUTADIENE (m)

4.564min (+0.007) 0.34PPBV m

response 4694

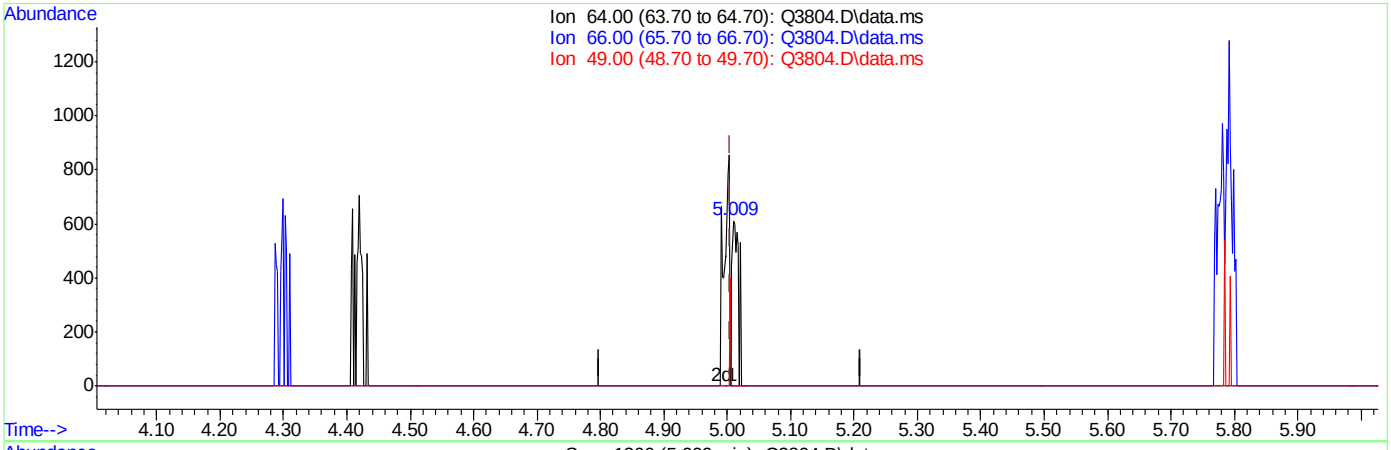
Ion	Exp%	Act%
39.00	100	100
54.00	111.20	72.48#
53.00	75.80	46.48#
0.00	0.00	0.00

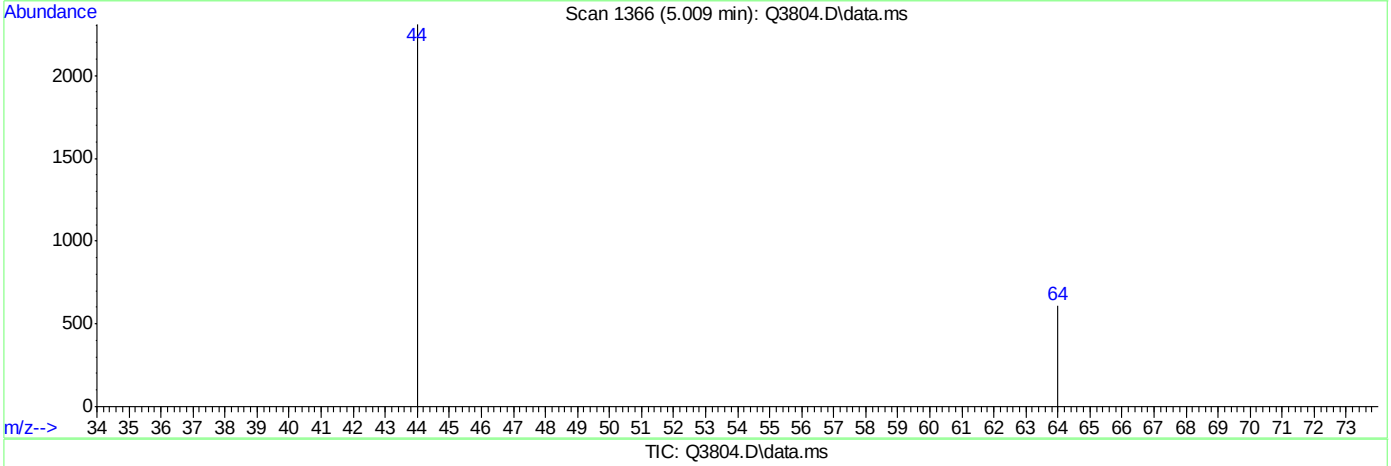
ACCUTEST Laboratories M65960

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On : 25 Jun 2007 8:17 pm
Operator : PhilipB
Sample : IC204-.2 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:33:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration





TIC: Q3804.D\data.ms

(9) CHLOROETHANE (m)

5.009min (+0.004) 0.06PPBV

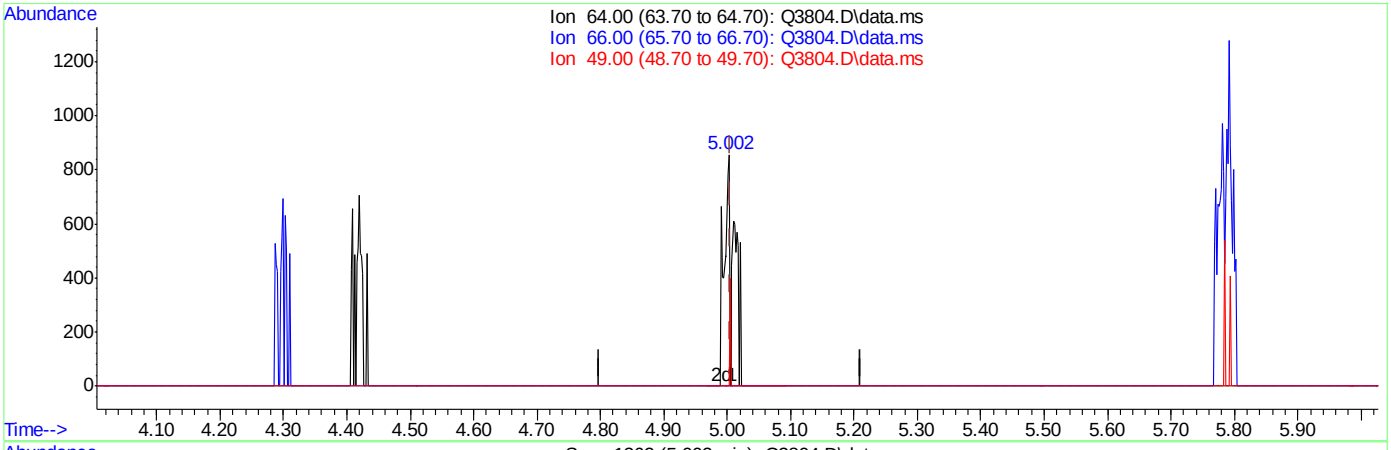
response 401

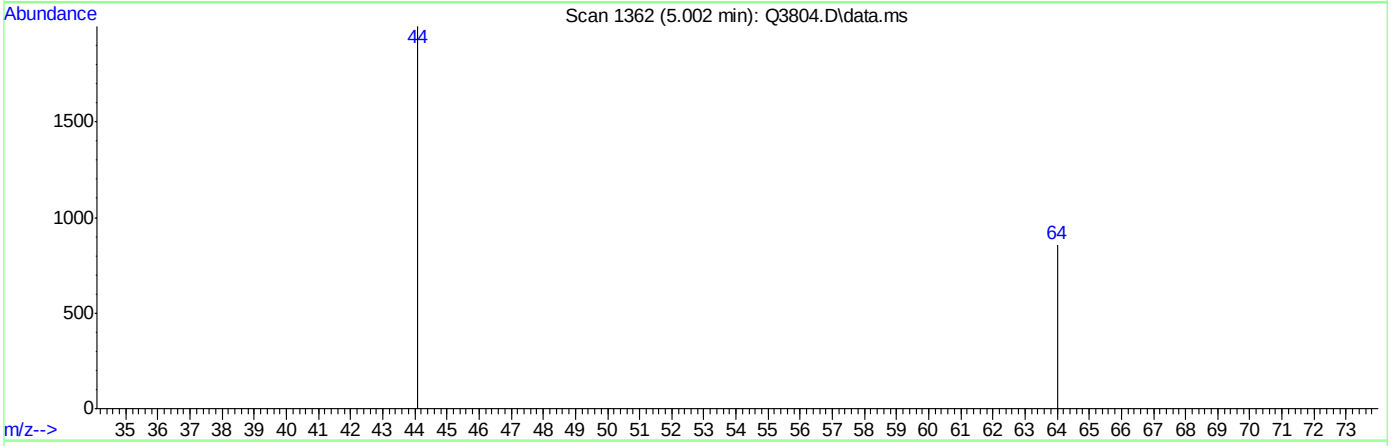
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	0.00#
49.00	36.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On : 25 Jun 2007 8:17 pm
Operator : PhilipB
Sample : IC204-.2 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:33:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration





TIC: Q3804.D\data.ms

(9) CHLOROETHANE (m)

5.002min (-0.004) 0.14PPBV m

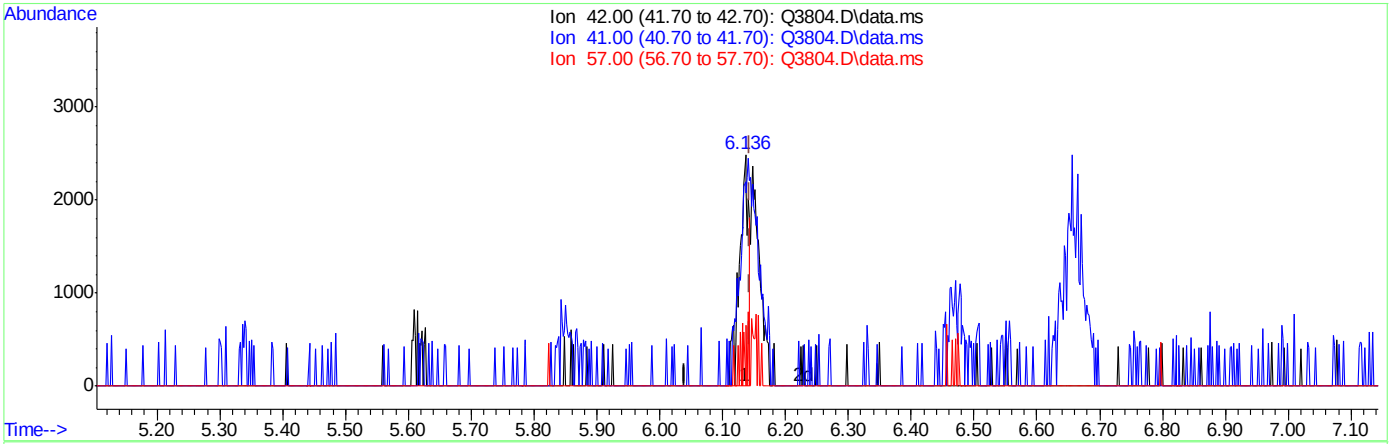
response 835

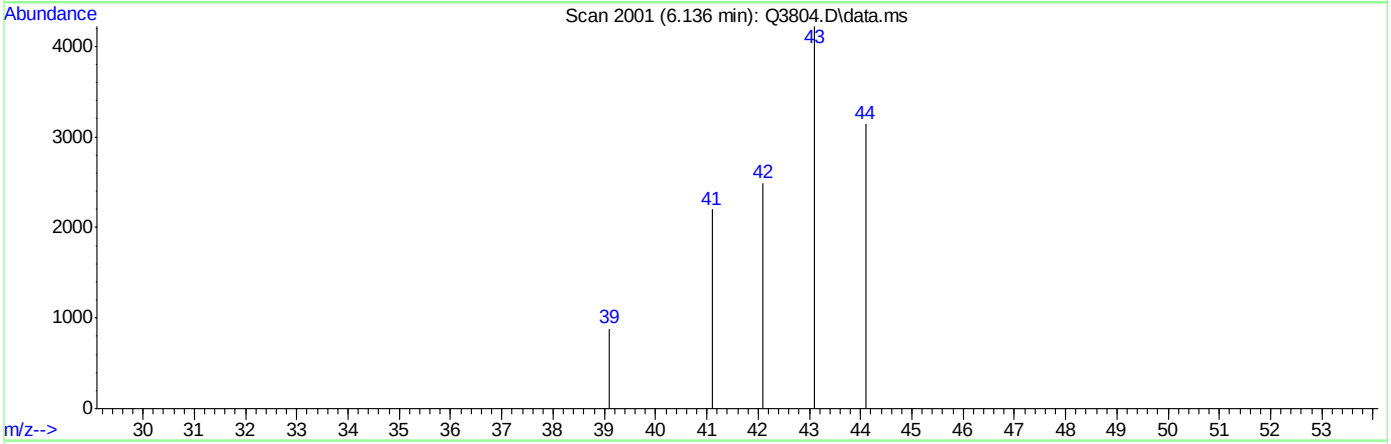
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	0.00#
49.00	36.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On : 25 Jun 2007 8:17 pm
Operator : PhilipB
Sample : IC204-.2 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:33:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration





TIC: Q3804.D\data.ms

(13) PENTANE (m)

6.136min (-0.007) 0.17PPBV

response 2637

Ion	Exp%	Act%
42.00	100	100
41.00	94.80	199.05#
57.00	28.90	20.67
0.00	0.00	0.00

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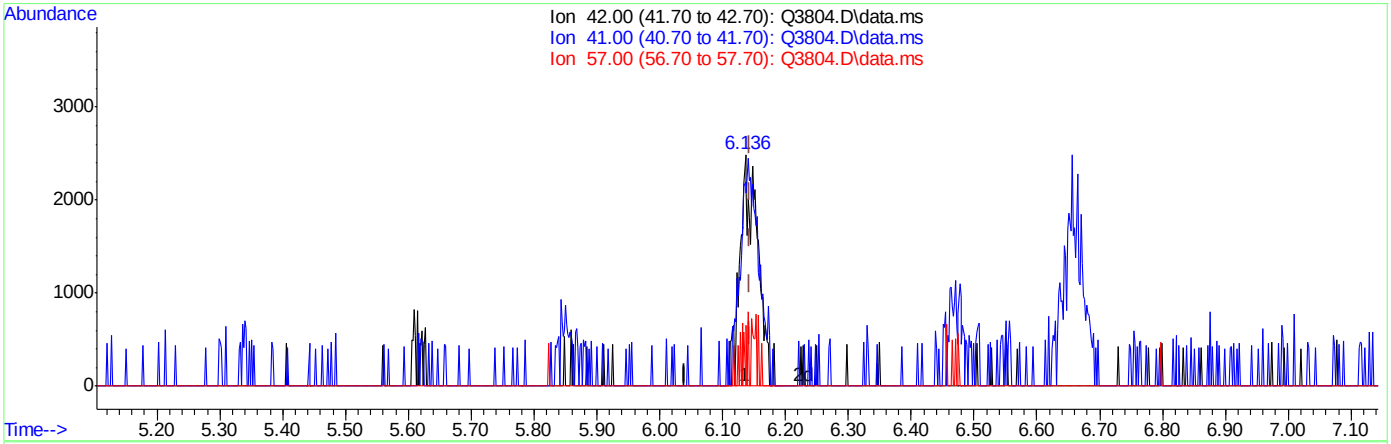
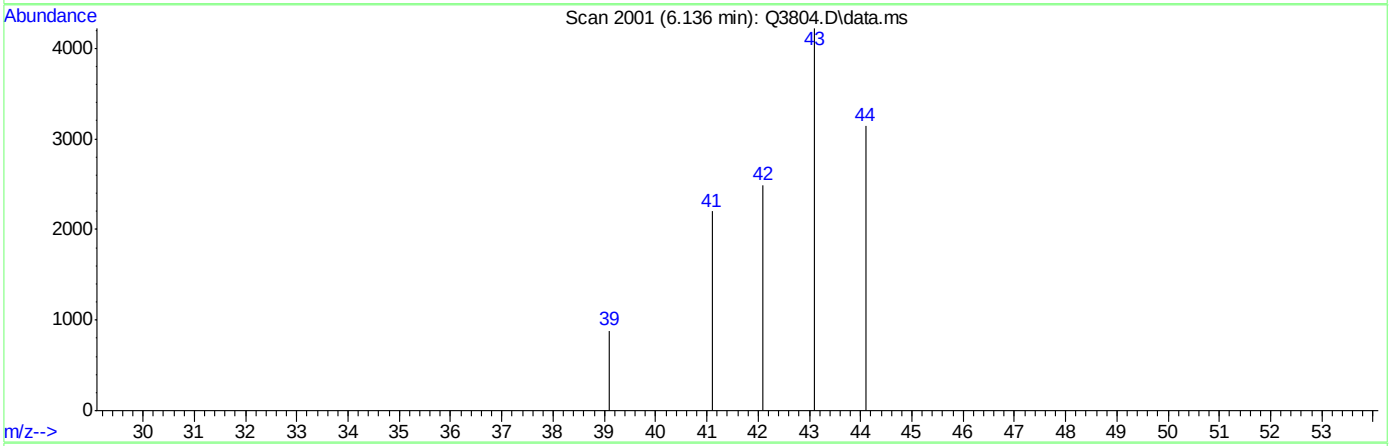
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On : 25 Jun 2007 8:17 pm
Operator : PhilipB
Sample : IC204-.2 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:33:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration





TIC: Q3804.D\data.ms

(13) PENTANE (m)

6.136min (-0.007) 0.33PPBV m

response 5022

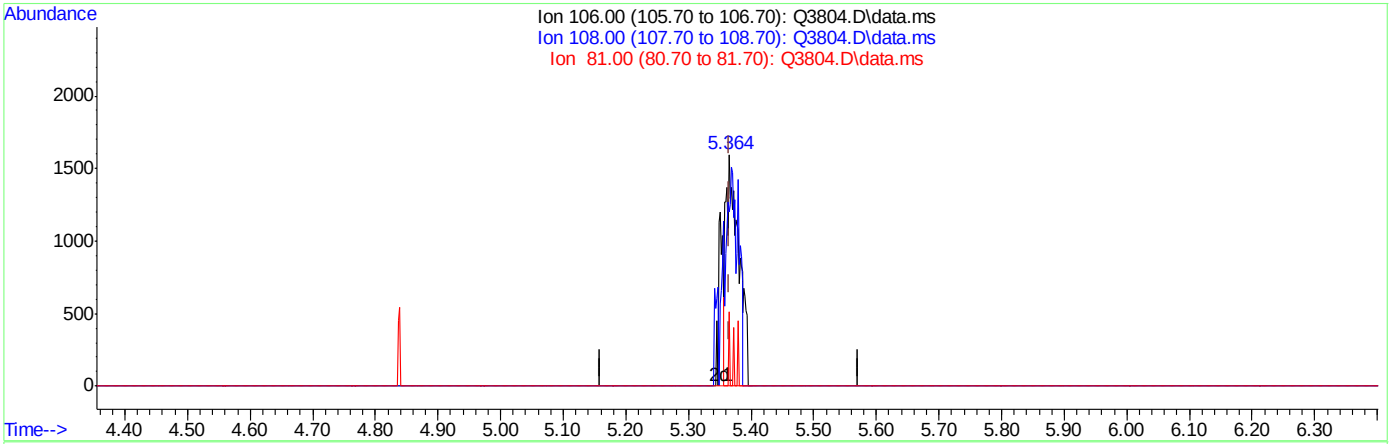
Ion	Exp%	Act%
42.00	100	100
41.00	94.80	104.52
57.00	28.90	10.85
0.00	0.00	0.00

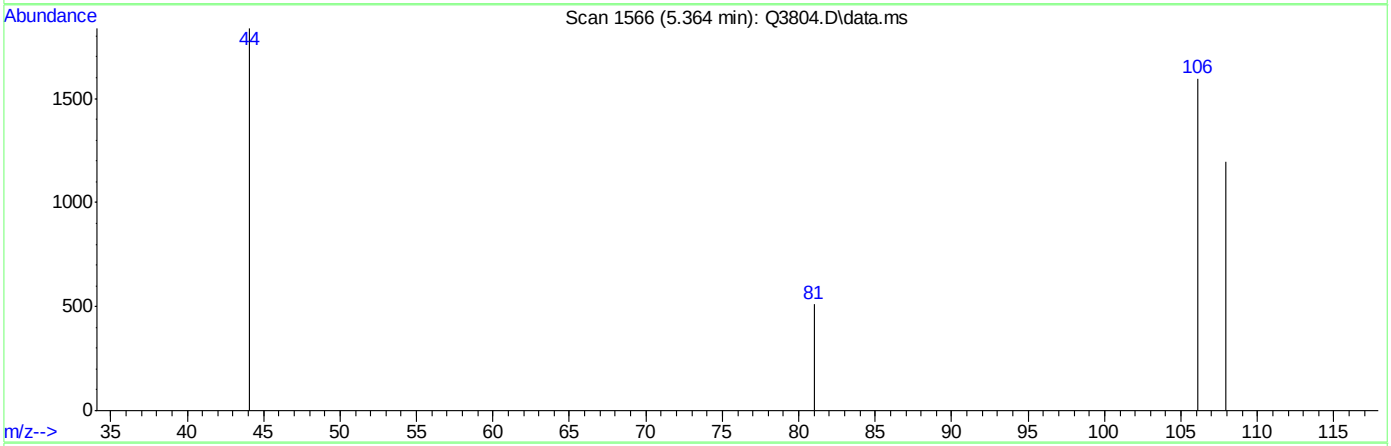
ACCUTEST Laboratories M65960

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On    : 25 Jun 2007   8:17 pm
Operator  : PhilipB
Sample    : IC204-.2 (M087)
Misc      : MS13781, MSQ204,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Jun 26 08:33:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration
```



TIC: Q3804.D\data.ms

(17) BROMOETHENE (m)

5.364min (-0.002) 0.18PPBV

response 2359

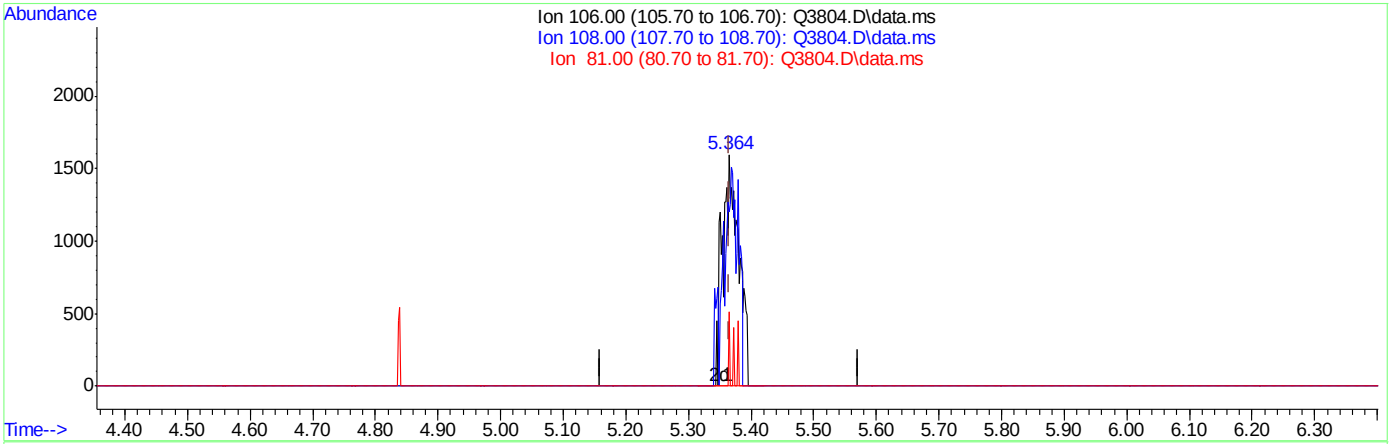
Ion	Exp%	Act%
106.00	100	100
108.00	94.00	96.61
81.00	16.80	0.00#
0.00	0.00	0.00

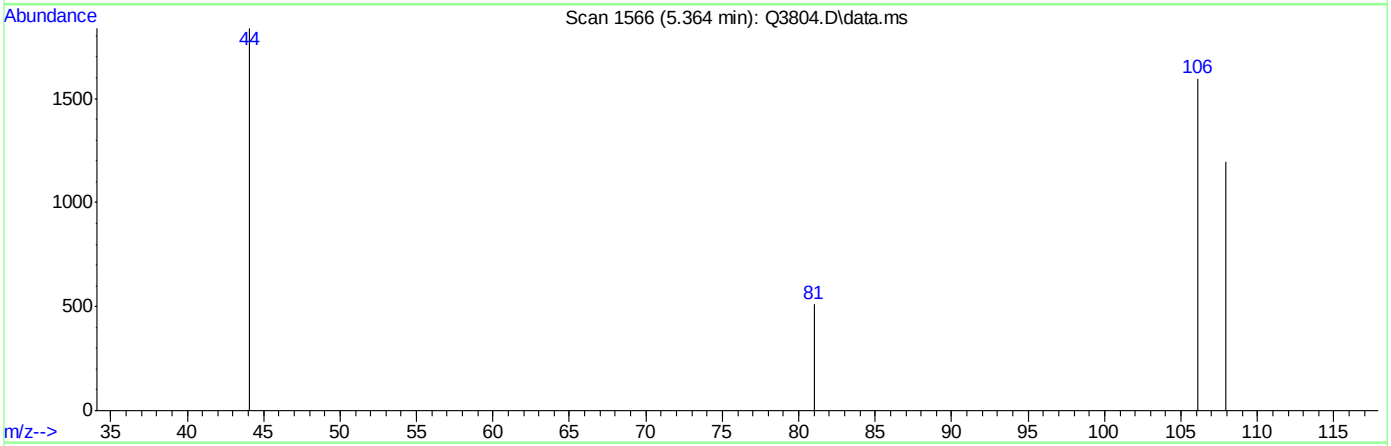
ACCUTEST Laboratories M65960

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On : 25 Jun 2007 8:17 pm
Operator : PhilipB
Sample : IC204-.2 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:33:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration





TIC: Q3804.D\data.ms

(17) BROMOETHENE (m)

5.364min (-0.002) 0.22PPBV m

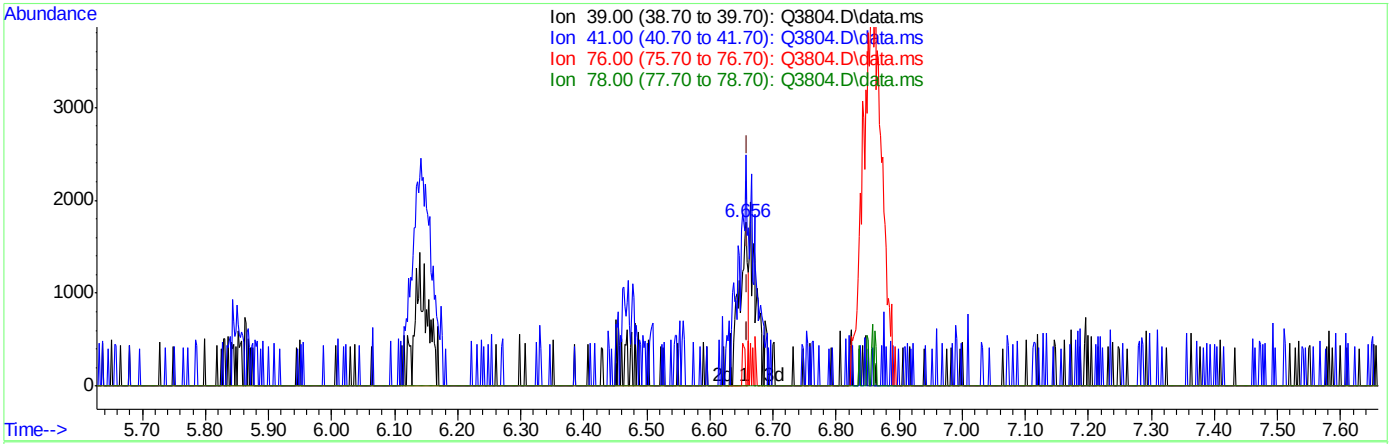
response 2928

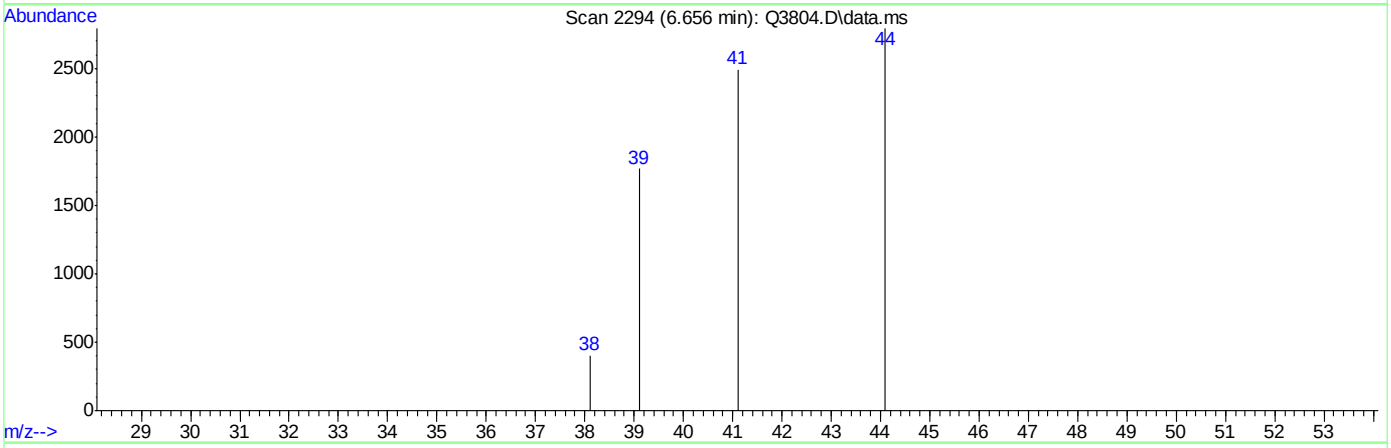
Ion	Exp%	Act%
106.00	100	100
108.00	94.00	77.83
81.00	16.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On : 25 Jun 2007 8:17 pm
Operator : PhilipB
Sample : IC204-.2 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:33:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration





TIC: Q3804.D\data.ms

(19) 3-CHLOROPROPENE (m)

6.656min (-0.004) 0.15PPBV

response 1688

Ion	Exp%	Act%
39.00	100	100
41.00	130.80	266.71#
76.00	38.00	20.08
78.00	12.20	0.00

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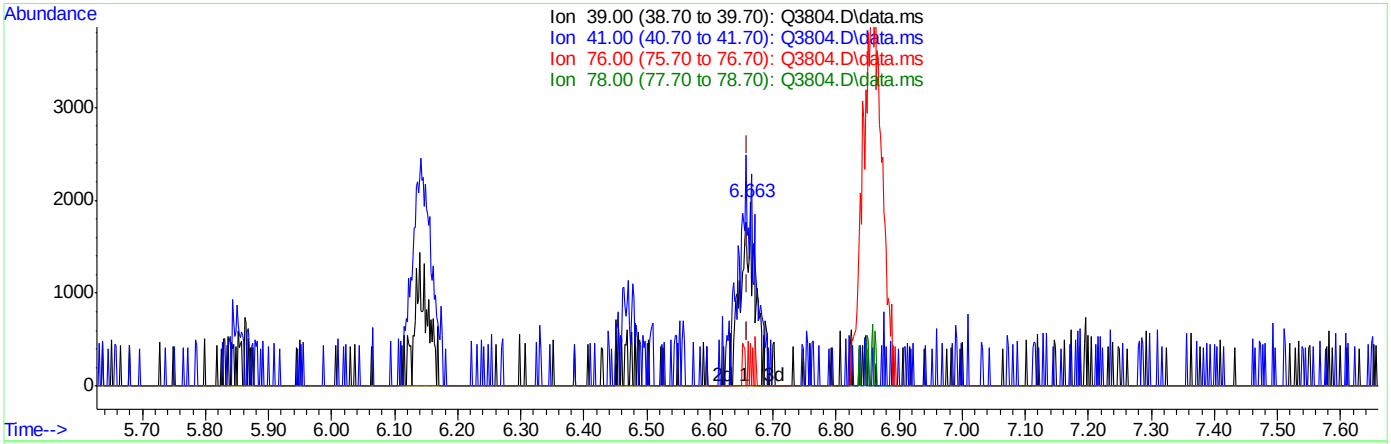
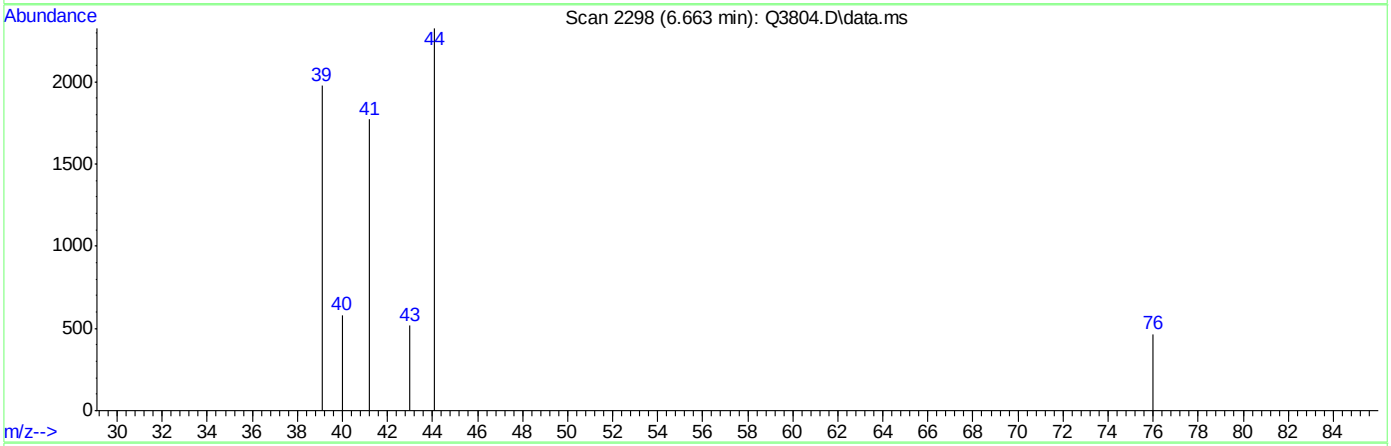
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On : 25 Jun 2007 8:17 pm
Operator : PhilipB
Sample : IC204-.2 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:33:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration





TIC: Q3804.D\data.ms

(19) 3-CHLOROPROPENE (m)

6.663min (+0.004) 0.31PPBV m

response 3473

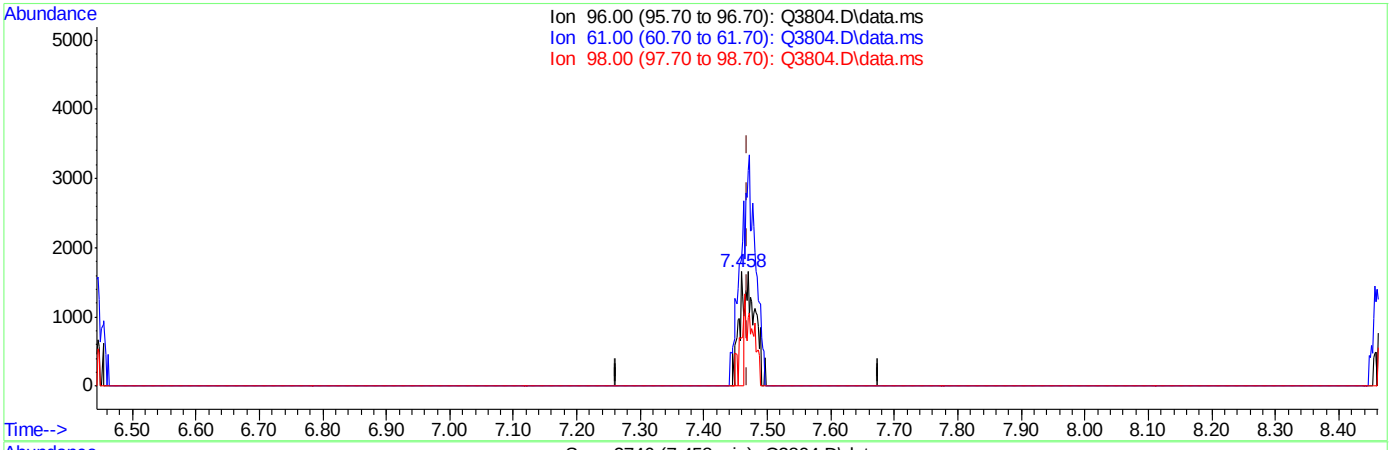
Ion	Exp%	Act%
39.00	100	100
41.00	130.80	129.63
76.00	38.00	9.76#
78.00	12.20	0.00

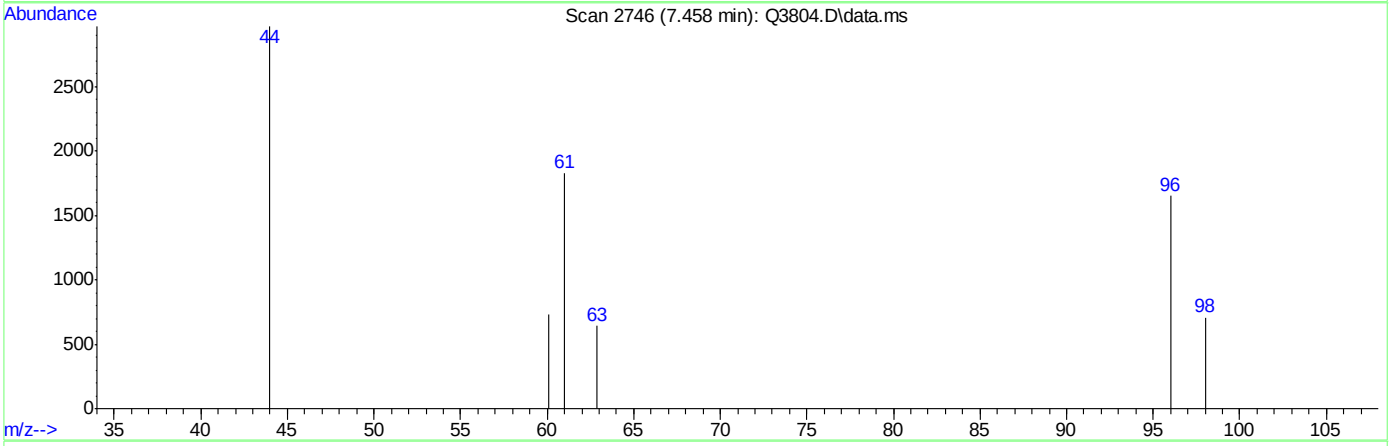
ACCUTEST Laboratories M65960

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On : 25 Jun 2007 8:17 pm
Operator : PhilipB
Sample : IC204-.2 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:33:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration





TIC: Q3804.D\data.ms

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

7.458min (-0.011) 0.08PPBV

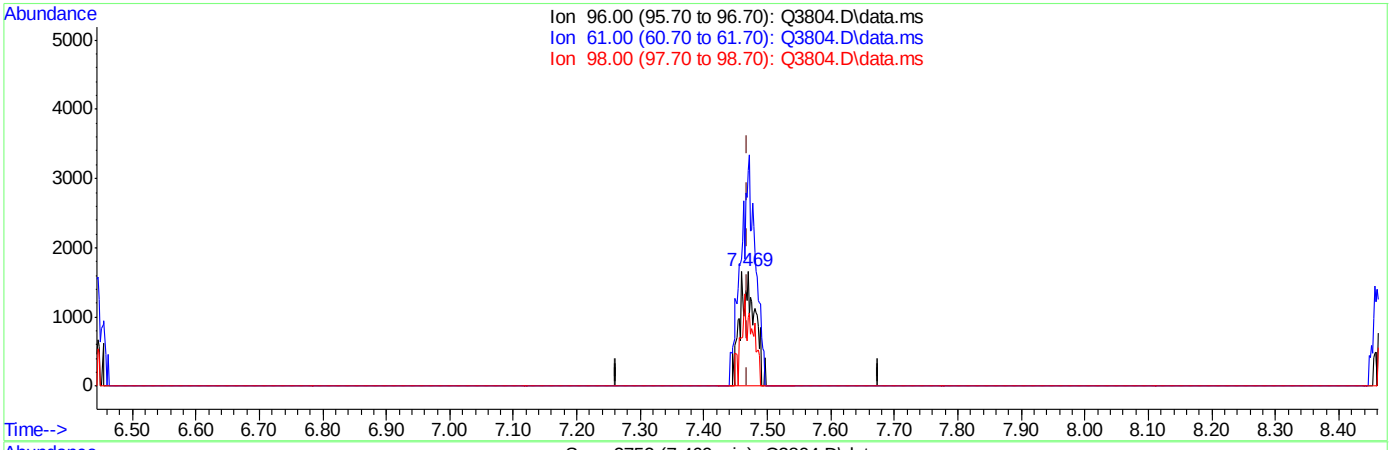
response 888

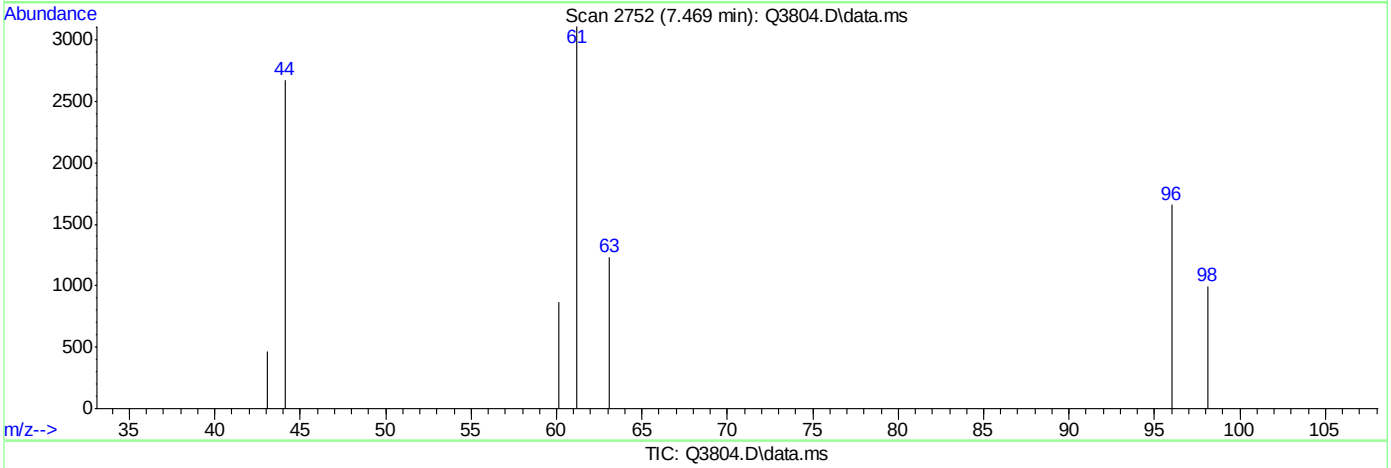
Ion	Exp%	Act%
96.00	100	100
61.00	181.00	600.00#
98.00	63.30	186.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On    : 25 Jun 2007   8:17 pm
Operator  : PhilipB
Sample    : IC204-.2 (M087)
Misc      : MS13781, MSQ204,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Jun 26 08:33:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration
```



TIC: Q3804.D\data.ms

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

7.469min (0.000) 0.23PPBV m

response 2676

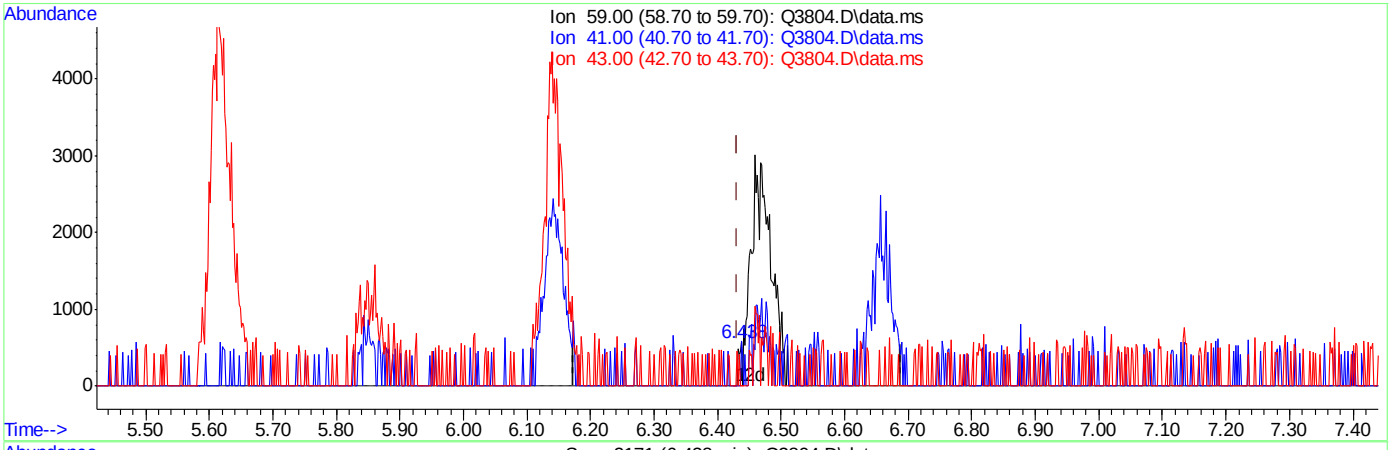
Ion	Exp%	Act%
96.00	100	100
61.00	181.00	199.10
98.00	63.30	61.81
0.00	0.00	0.00

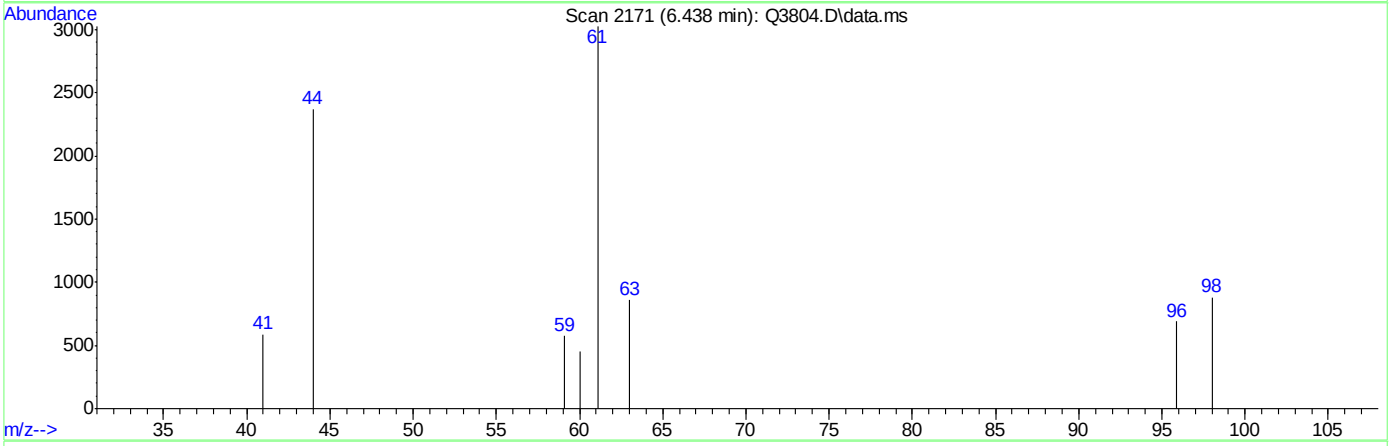
ACCUTEST Laboratories M65960

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On : 25 Jun 2007 8:17 pm
Operator : PhilipB
Sample : IC204-.2 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:33:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration





TIC: Q3804.D\data.ms

(22) TERTIARY BUTYL ALCOHOL (m)

6.438min (+0.007) 0.01PPBV

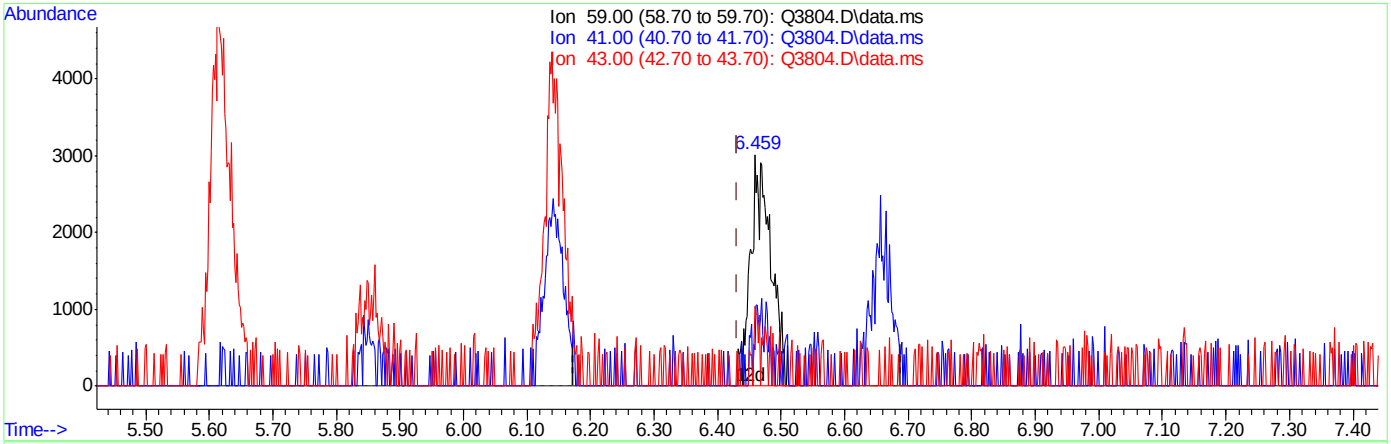
response 203

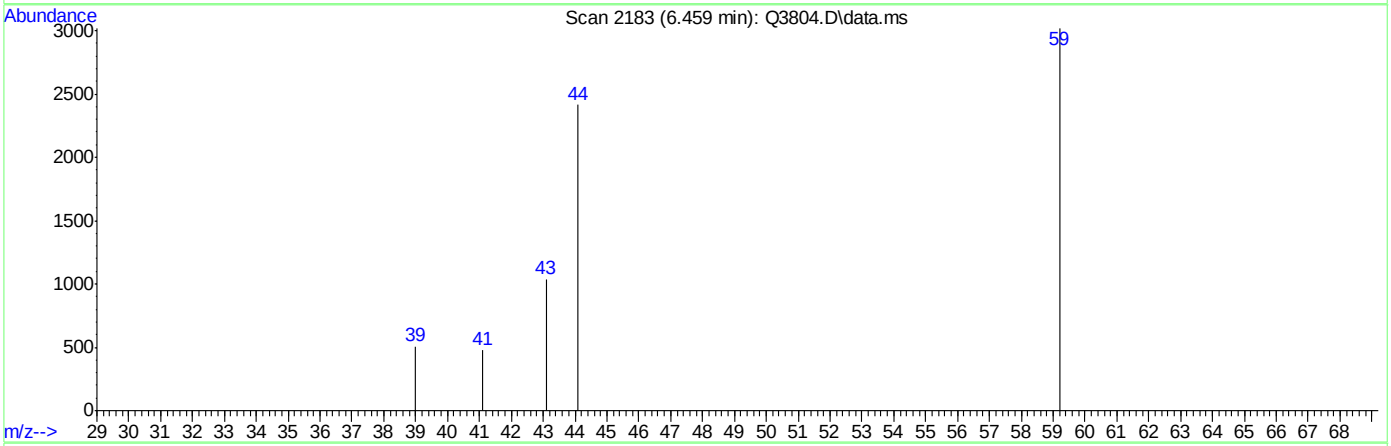
Ion	Exp%	Act%
59.00	100	100
41.00	16.40	0.00
43.00	13.40	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On : 25 Jun 2007 8:17 pm
Operator : PhilipB
Sample : IC204-.2 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:33:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration





TIC: Q3804.D\data.ms

(22) TERTIARY BUTYL ALCOHOL (m)

6.459min (+0.028) 0.23PPBV m

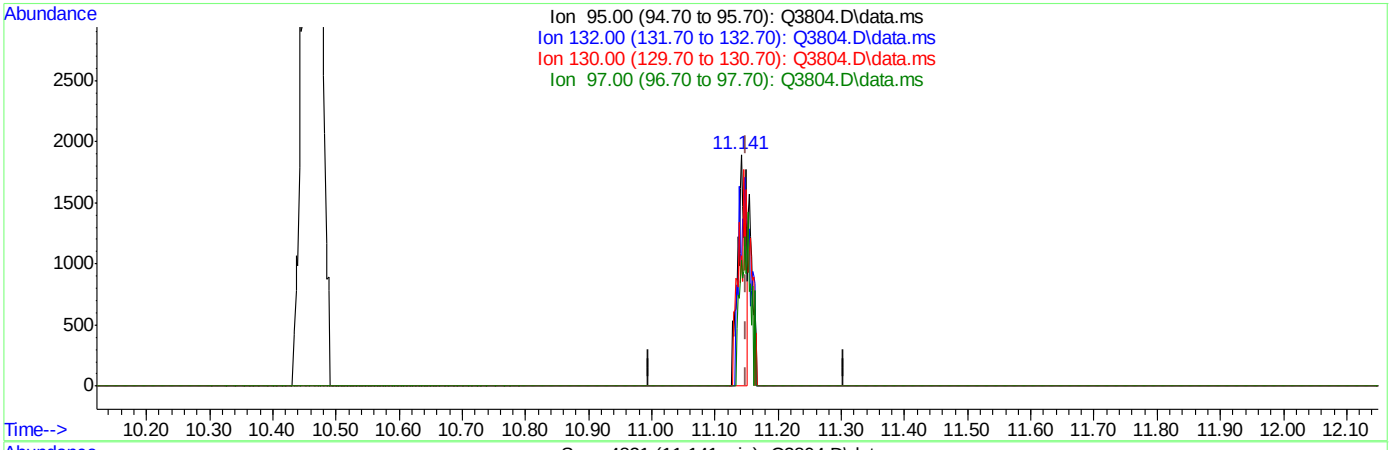
response 6643

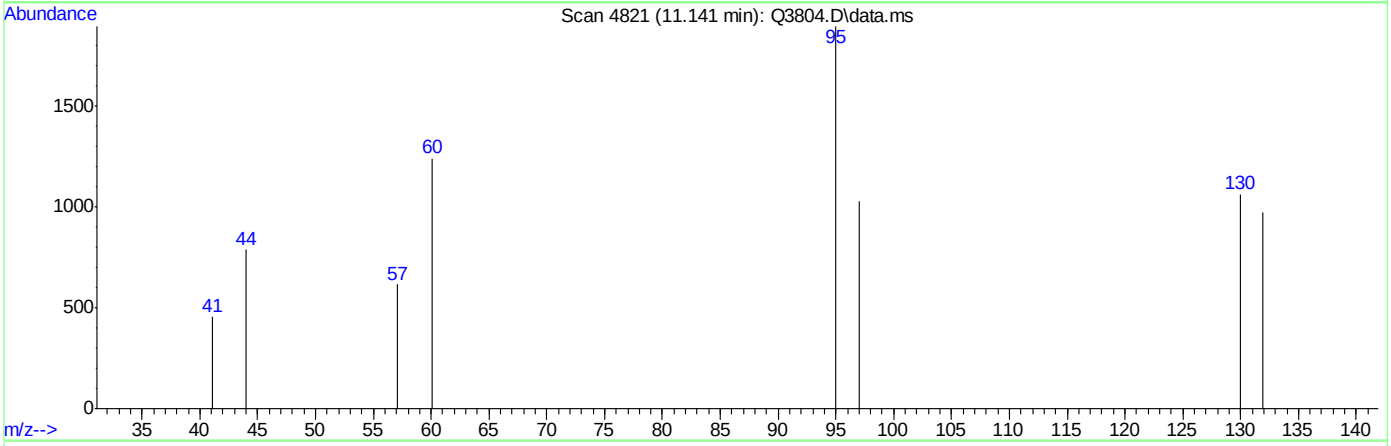
Ion	Exp%	Act%
59.00	100	100
41.00	16.40	0.00
43.00	13.40	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On : 25 Jun 2007 8:17 pm
Operator : PhilipB
Sample : IC204-.2 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:33:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration





TIC: Q3804.D\data.ms

(38) TRICHLOROETHYLENE (m)

11.141min (-0.009) 0.11PPBV

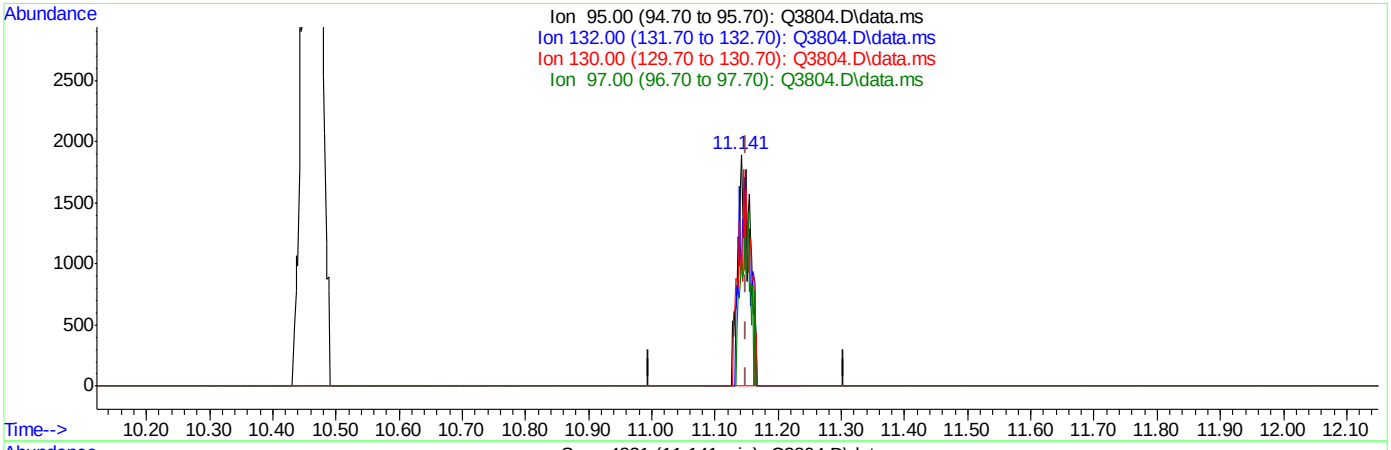
response 1633

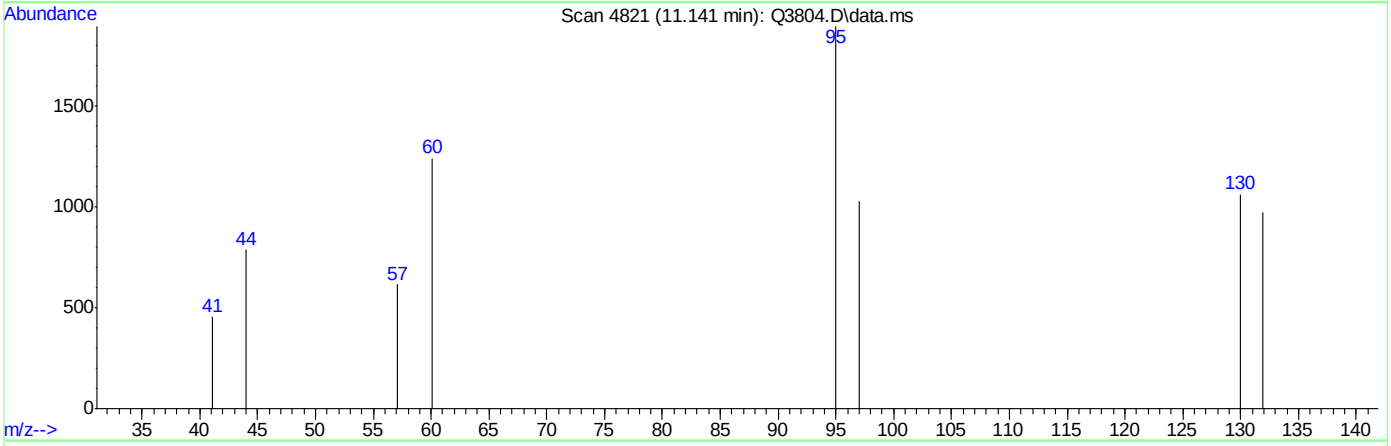
Ion	Exp%	Act%
95.00	100	100
132.00	92.20	128.29#
130.00	90.60	129.58#
97.00	64.20	90.94#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On : 25 Jun 2007 8:17 pm
Operator : PhilipB
Sample : IC204-.2 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:33:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration





TIC: Q3804.D\data.ms

(38) TRICHLOROETHYLENE (m)

11.141min (-0.009) 0.16PPBV m

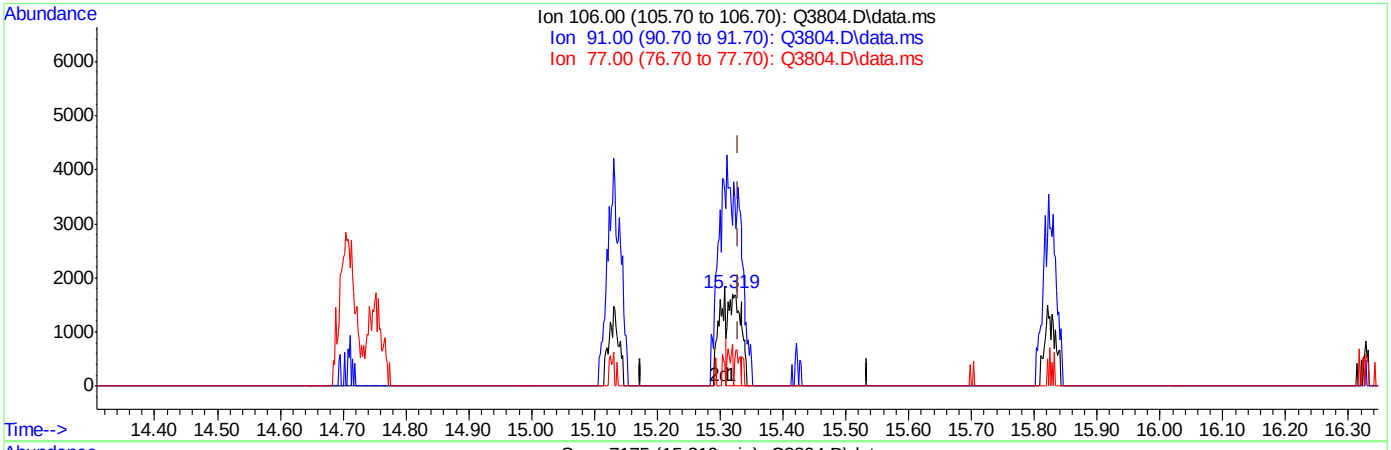
response 2437

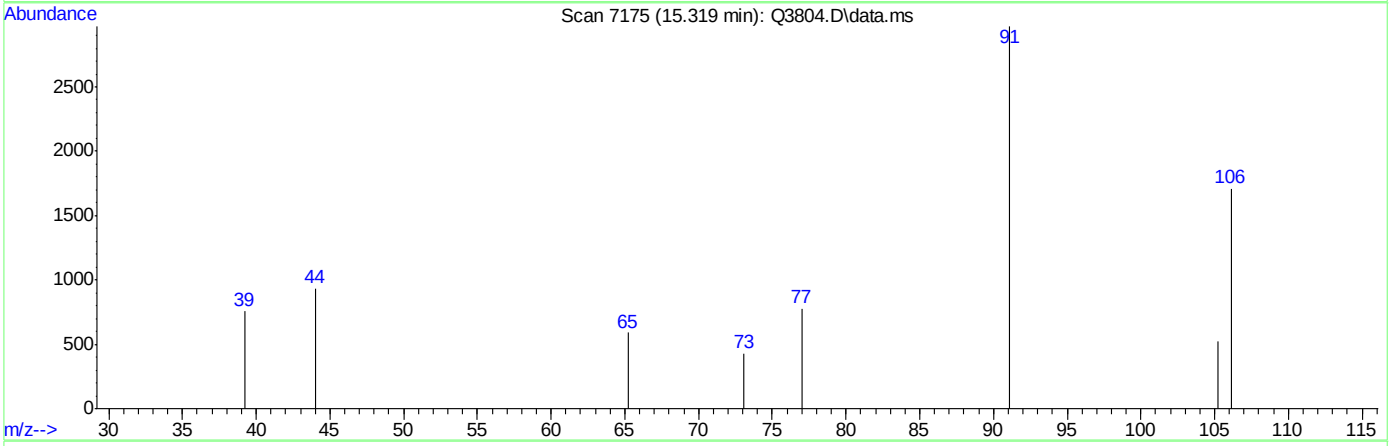
Ion	Exp%	Act%
95.00	100	100
132.00	92.20	85.97
130.00	90.60	86.83
97.00	64.20	60.94

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On : 25 Jun 2007 8:17 pm
Operator : PhilipB
Sample : IC204-.2 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:33:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration





TIC: Q3804.D\data.ms

(56) m,p-XYLENE (m)

15.319min (-0.010) 0.17PPBV

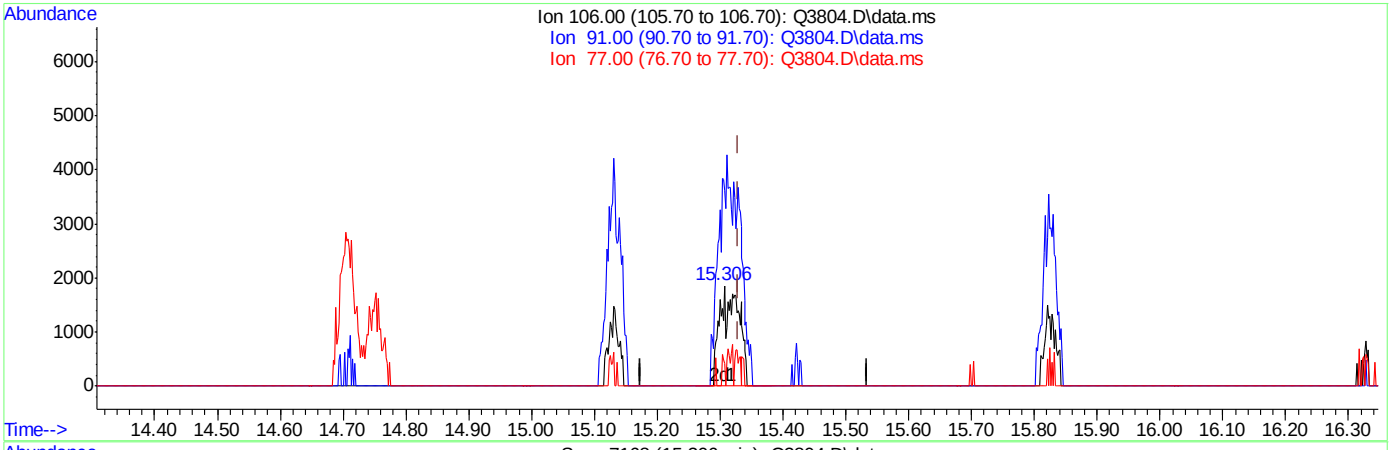
response 2599

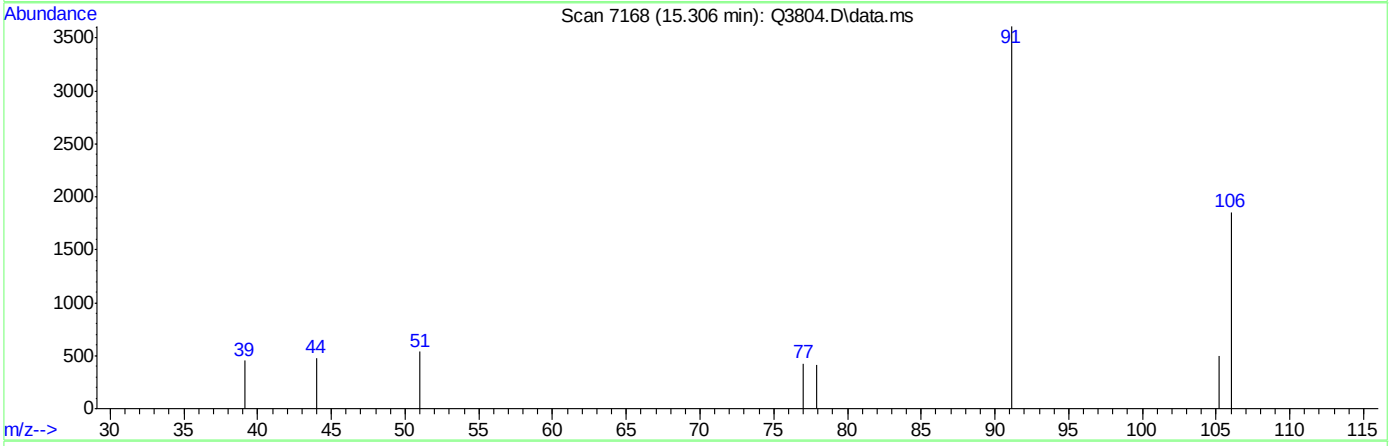
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	173.79
77.00	27.30	45.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On : 25 Jun 2007 8:17 pm
Operator : PhilipB
Sample : IC204-.2 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:33:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration





TIC: Q3804.D\data.ms

(56) m,p-XYLENE (m)

15.306min (-0.023) 0.26PPBV m

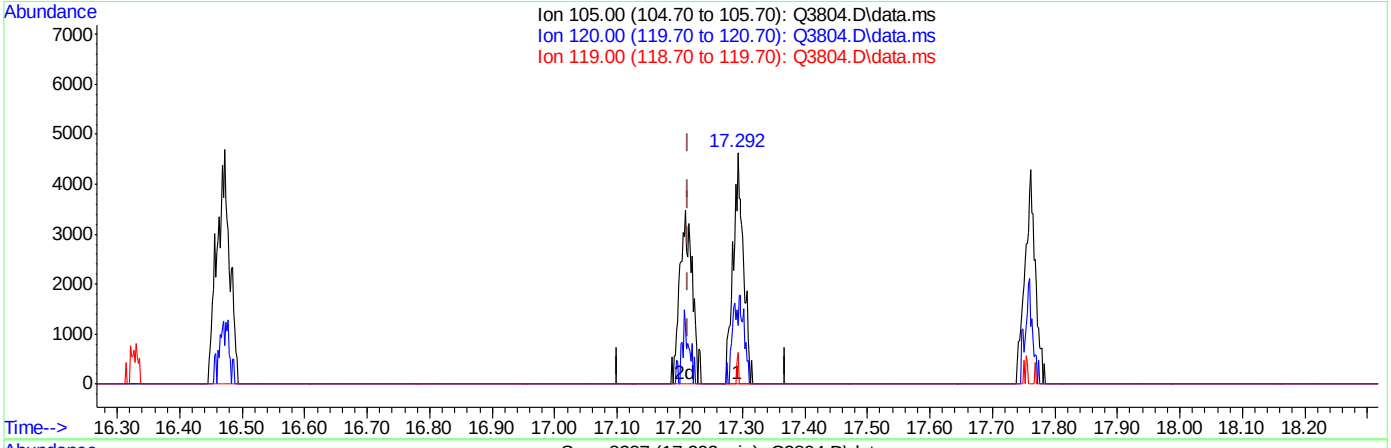
response 3976

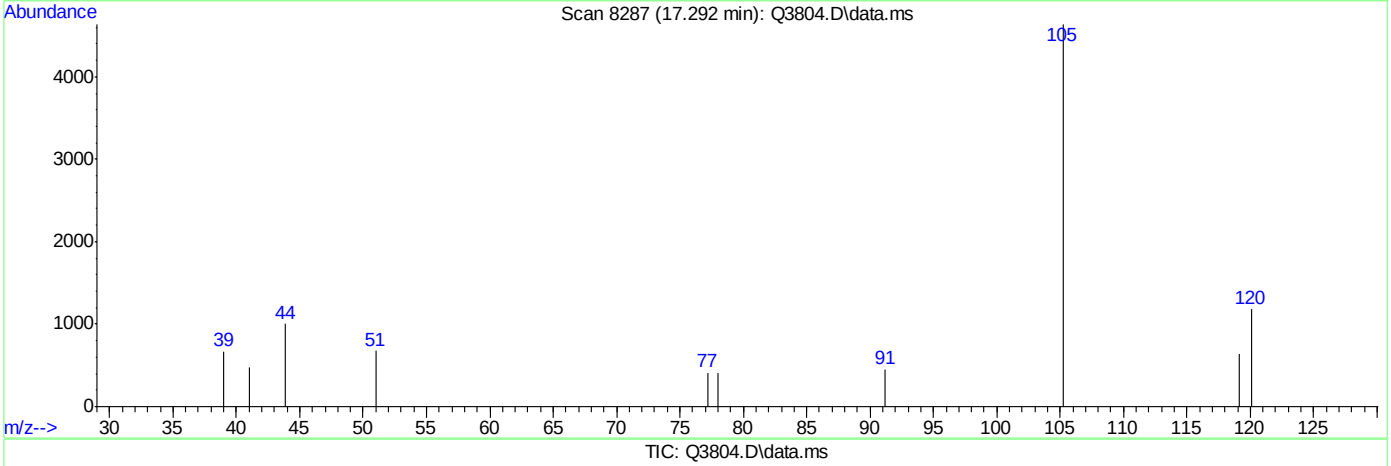
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	194.35
77.00	27.30	22.89
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On    : 25 Jun 2007   8:17 pm
Operator  : PhilipB
Sample    : IC204-.2 (M087)
Misc      : MS13781, MSQ204,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Jun 26 08:33:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration
```



TIC: Q3804.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.292min (+0.078) 0.14PPBV

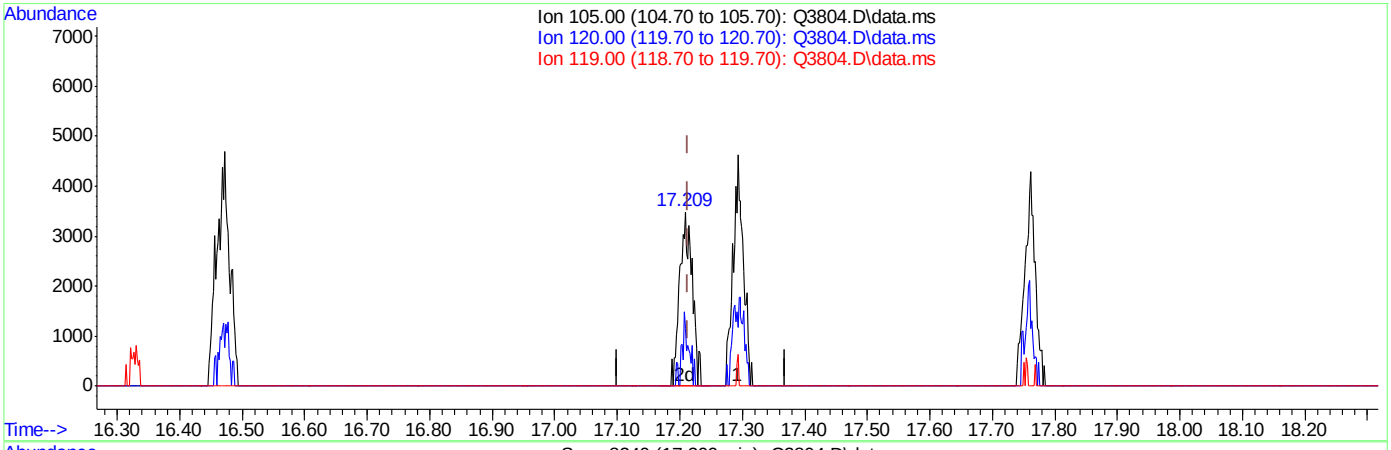
response 5556

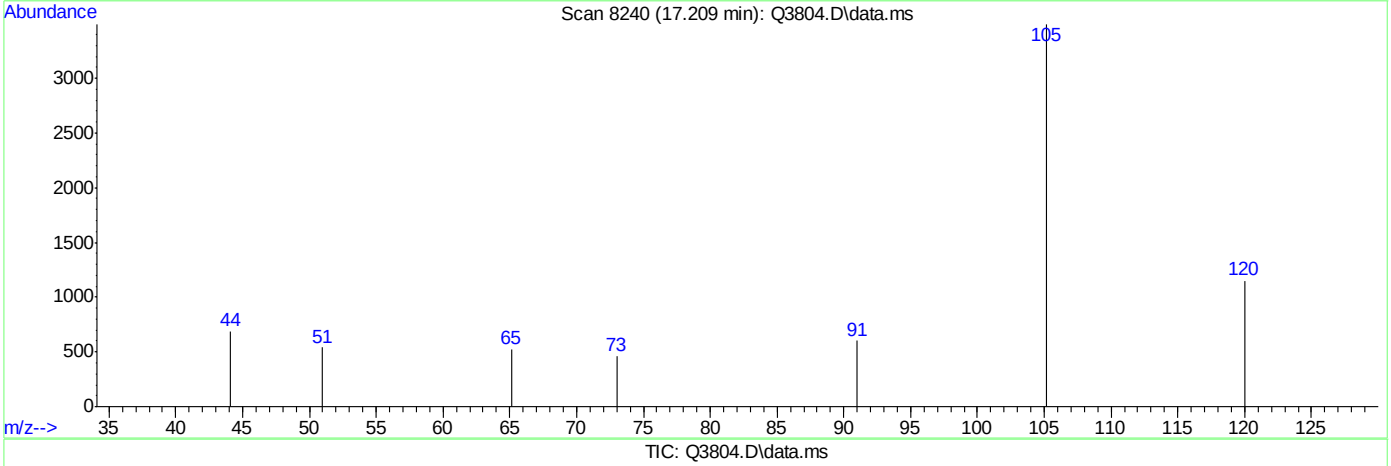
Ion	Exp%	Act%
105.00	100	100
120.00	29.20	41.40
119.00	2.10	2.09
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On    : 25 Jun 2007   8:17 pm
Operator  : PhilipB
Sample    : IC204-.2 (M087)
Misc      : MS13781, MSQ204,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Jun 26 08:33:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration
```



TIC: Q3804.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.209min (-0.005) 0.12PPBV m

response 4817

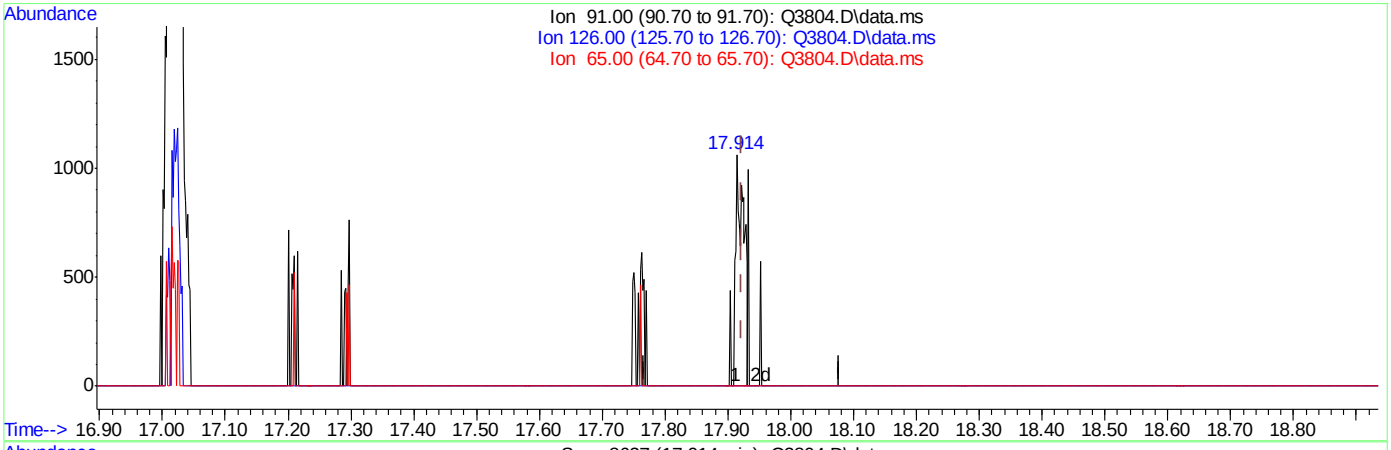
Ion	Exp%	Act%
105.00	100	100
120.00	29.20	47.75
119.00	2.10	2.41
0.00	0.00	0.00

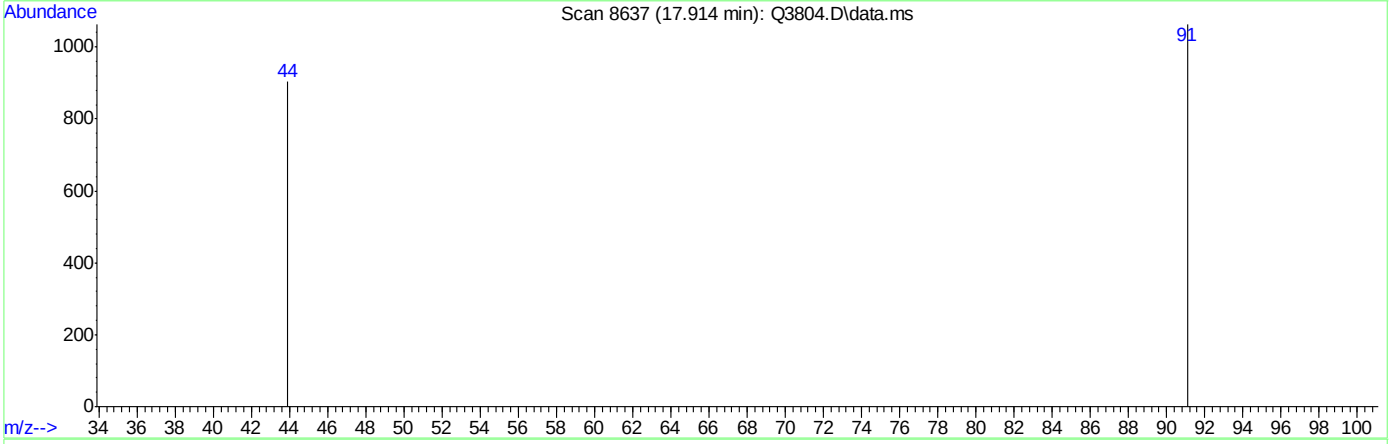
ACCUTEST Laboratories M65960

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On    : 25 Jun 2007   8:17 pm
Operator  : PhilipB
Sample    : IC204-.2 (M087)
Misc      : MS13781, MSQ204,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Jun 26 08:33:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration
```



TIC: Q3804.D\data.ms

(69) BENZYL CHLORIDE (m)

17.914min (-0.009) 0.06PPBV

response 1117

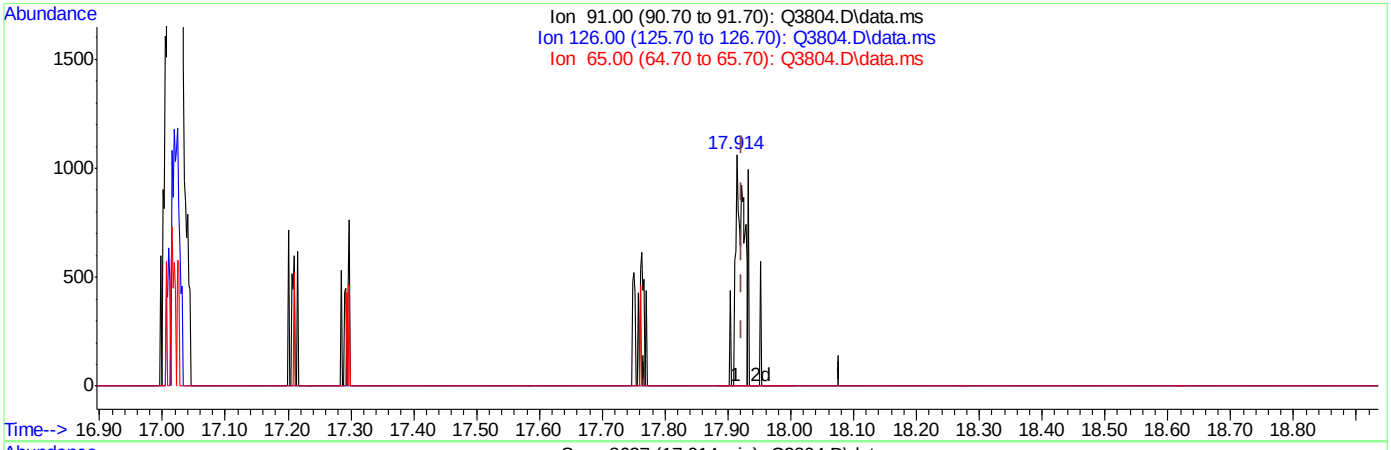
Ion	Exp%	Act%
91.00	100	100
126.00	19.00	0.00
65.00	13.90	0.00
0.00	0.00	0.00

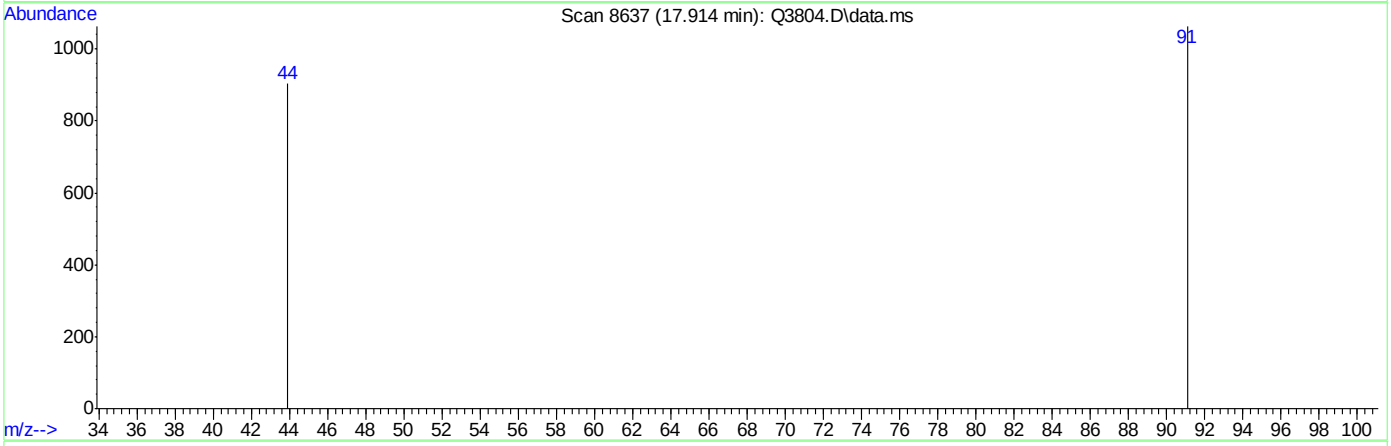
ACCUTEST Laboratories M65960

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On : 25 Jun 2007 8:17 pm
Operator : PhilipB
Sample : IC204-.2 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:33:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration





TIC: Q3804.D\data.ms

(69) BENZYL CHLORIDE (m)

17.914min (-0.009) 0.06PPBV m

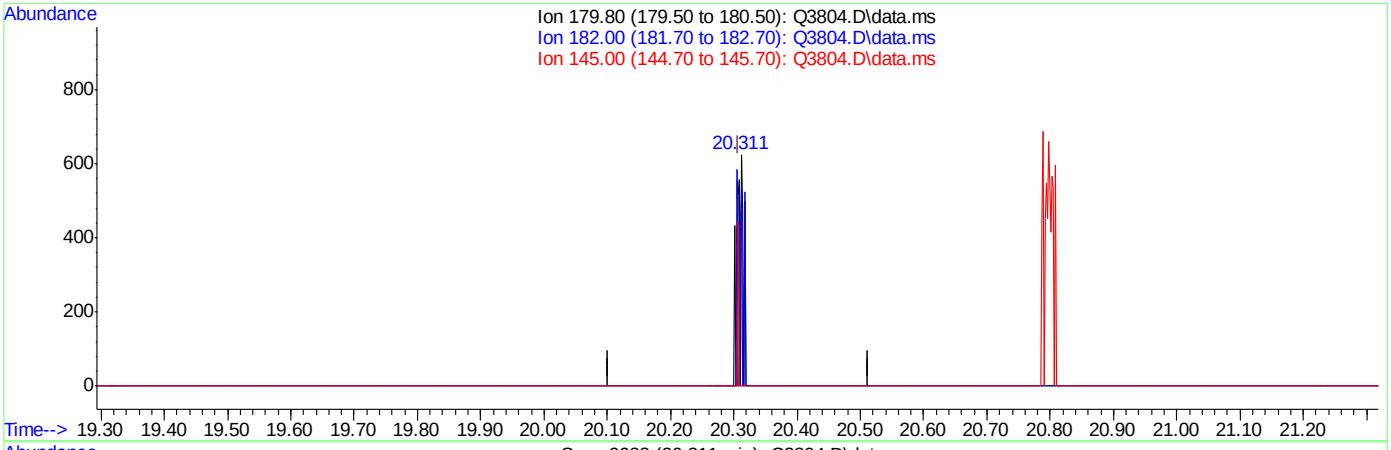
response 1178

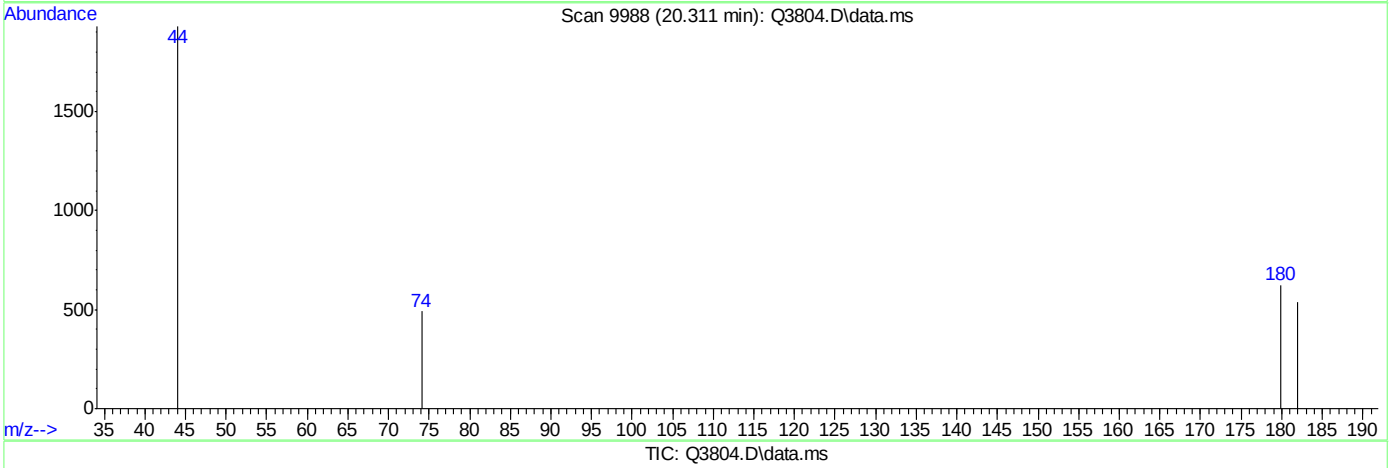
Ion	Exp%	Act%
91.00	100	100
126.00	19.00	0.00
65.00	13.90	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On : 25 Jun 2007 8:17 pm
Operator : PhilipB
Sample : IC204-.2 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:33:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration





TIC: Q3804.D\data.ms

(73) 1,2,4-TRICHLOROBENZENE (m)

20.311min (+0.004) 0.09PPBV

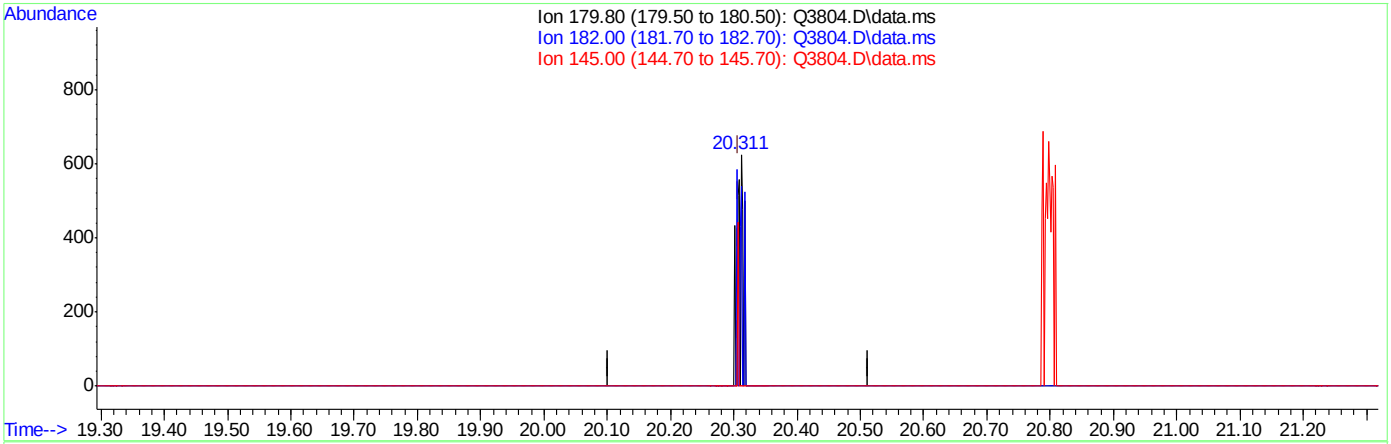
response 331

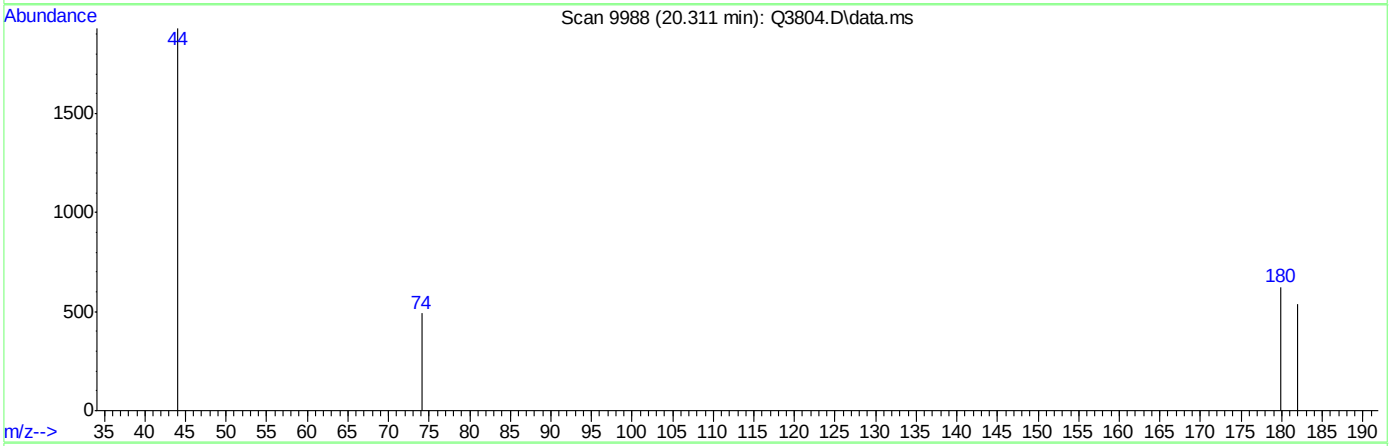
Ion	Exp%	Act%
179.80	100	100
182.00	95.40	66.77#
145.00	38.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
Acq On : 25 Jun 2007 8:17 pm
Operator : PhilipB
Sample : IC204-.2 (M087)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 08:33:39 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:33:35 2007
Response via : Initial Calibration





TIC: Q3804.D\data.ms

(73) 1,2,4-TRICHLOROBENZENE (m)

20.311min (+0.004) 0.09PPBV m

response 331

Ion	Exp%	Act%
179.80	100	100
182.00	95.40	66.77#
145.00	38.00	0.00#
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
06/26/07 16:29

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3805.D
Acq On : 25 Jun 2007 9:01 pm
Operator : PhilipB
Sample : ICV204-10 (M080)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 26 08:42:12 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:41:33 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.637	128	122718	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.463	114	586931	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.708	117	501328	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.325	95	174139	4.07	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 81.40%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.031	85	574142	7.34	PPBV	97
3) PROPYLENE	3.962	41	153143	7.74	PPBV	95
4) FREON 114	4.296	85	494946	7.30	PPBV	91
5) CHLOROMETHANE	4.202	50	218326	7.99	PPBV	95
6) VINYL CHLORIDE	4.420	62	191925	7.58	PPBV	99
7) 1,3-BUTADIENE	4.555	39	176157	8.45	PPBV	83
8) BROMOMETHANE	4.830	94	154057	7.19	PPBV	99
9) CHLOROETHANE	5.006	64	72822	8.27	PPBV	93
10) TRICHLOROFLUOROMETHANE	5.788	101	563929	7.56	PPBV	100
11) ISOPROPYL ALCOHOL	5.824	45	272105	7.55	PPBV	97
12) ACETONE	5.593	43	231285	7.04	PPBV	91
13) PENTANE	6.143	42	185802m	8.14	PPBV	
14) 1,1-DICHLOROETHYLENE	6.427	96	169932	8.51	PPBV #	80
15) CARBON DISULFIDE	6.859	76	494699	8.89	PPBV	91
16) ETHANOL	5.098	45	50501	7.51	PPBV	97
17) BROMOETHENE	5.370	106	145464	7.20	PPBV #	97
18) METHYLENE CHLORIDE	6.537	84	137330	7.66	PPBV	63
19) 3-CHLOROPROPENE	6.660	39	179962	9.98	PPBV	87
20) FREON 113	6.800	151	246395	7.53	PPBV #	84
21) TRANS-1,2-DICHLOROETHY...	7.473	96	153838	8.73	PPBV #	84
22) TERTIARY BUTYL ALCOHOL	6.431	59	443986	9.98	PPBV	92
23) METHYL TERTIARY BUTYL ...	7.712	73	333462	8.70	PPBV	89
24) TETRAHYDROFURAN	9.143	42	232231	10.89	PPBV	90
25) HEXANE	8.669	57	332671	8.68	PPBV	93
26) VINYL ACETATE	7.787	43	363569	10.40	PPBV	96
27) 1,1-DICHLOROETHANE	7.668	63	339517	9.49	PPBV	98
28) METHYL ETHYL KETONE	8.034	43	431632	10.02	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.470	96	138922	9.44	PPBV	94
30) ETHYL ACETATE	8.667	43	731750	9.88	PPBV	99
31) CHLOROFORM	8.752	83	340973	8.08	PPBV	95
32) 1,1,1-TRICHLOROETHANE	9.709	97	318281	7.17	PPBV	93
33) CARBON TETRACHLORIDE	10.291	117	384637	7.31	PPBV	98
34) 1,2-DICHLOROETHANE	9.464	62	242971	7.81	PPBV	100
36) BENZENE	10.151	78	372099	9.32	PPBV	97
37) CYCLOHEXANE	10.417	84	181773	8.85	PPBV #	86
38) TRICHLOROETHYLENE	11.148	95	198718	8.82	PPBV	93
39) 1,2-DICHLOROPROPANE	10.923	63	181636	10.27	PPBV	94
40) BROMODICHLOROMETHANE	11.107	83	315876	8.10	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.171	57	1066120	10.48	PPBV #	95
42) 1,4-DIOXANE	11.134	88	74065	9.90	PPBV	80
43) HEPTANE	11.409	43	449006	10.76	PPBV	82

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3805.D
Acq On : 25 Jun 2007 9:01 pm
Operator : PhilipB
Sample : ICV204-10 (M080)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 26 08:42:12 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:41:33 2007
Response via : Initial Calibration

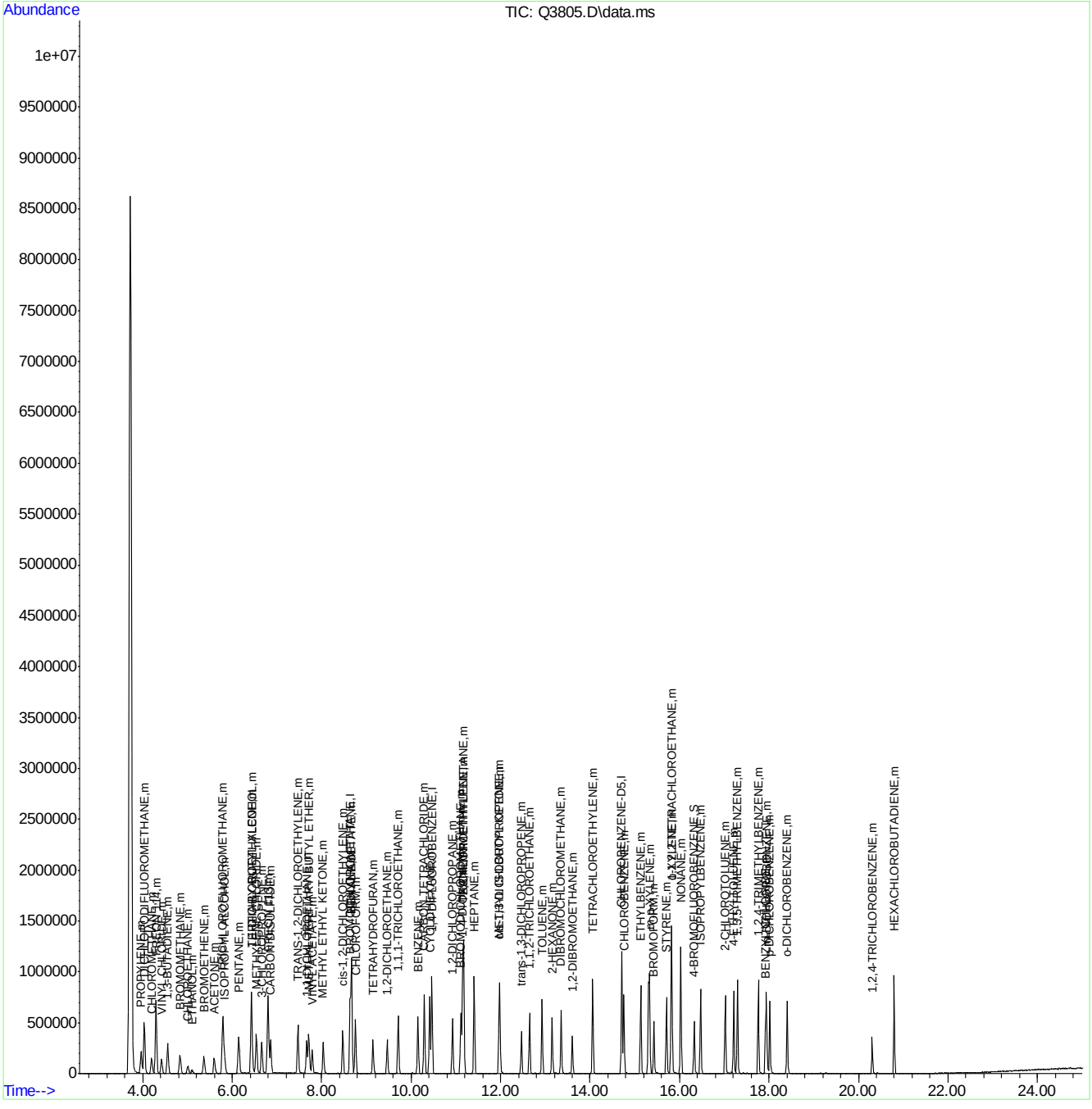
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.979	43	524962	11.29 PPBV	88
45) cis-1,3-DICHLOROPROPENE	11.965	75	218914	10.05 PPBV #	82
46) TOLUENE	12.927	92	242091	9.00 PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.463	75	172780	8.28 PPBV	85
48) 1,1,2-TRICHLOROETHANE	12.646	83	140384	9.64 PPBV	94
50) 2-HEXANONE	13.148	43	423997	11.37 PPBV	88
51) TETRACHLOROETHYLENE	14.059	164	136068	7.80 PPBV	89
52) DIBROMOCHLOROMETHANE	13.354	129	265511	8.25 PPBV	98
53) 1,2-DIBROMOETHANE	13.603	107	229970	9.30 PPBV	100
54) CHLOROBENZENE	14.755	112	318422	9.49 PPBV	94
55) ETHYLBENZENE	15.133	91	545335	9.41 PPBV	98
56) m,p-XYLENE	15.328	106	424375m	19.83 PPBV	
57) o-XYLENE	15.825	106	209919	9.97 PPBV	95
58) STYRENE	15.706	104	293845	8.40 PPBV	98
59) NONANE	16.025	43	545611	10.93 PPBV	88
60) BROMOFORM	15.424	173	197285	7.26 PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.814	83	380904	10.85 PPBV	99
63) ISOPROPYLBENZENE	16.469	105	481786	7.65 PPBV #	100
64) 2-CHLOROTOLUENE	17.019	91	382126	7.97 PPBV	95
65) 4-ETHYLTOLUENE	17.211	105	427404	7.77 PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.296	105	451859	8.37 PPBV	95
67) 1,2,4-TRIMETHYLBENZENE	17.759	105	439798	8.82 PPBV	97
68) m-DICHLOROBENZENE	17.944	146	242910	7.47 PPBV	97
69) BENZYL CHLORIDE	17.917	91	273082	7.78 PPBV	97
70) p-DICHLOROBENZENE	18.017	146	238957	7.78 PPBV	98
71) o-DICHLOROBENZENE	18.405	146	229586	7.48 PPBV	97
72) HEXACHLOROBUTADIENE	20.798	225	102880	9.12 PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.304	180	72060	10.29 PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3805.D
Acq On : 25 Jun 2007 9:01 pm
Operator : PhilipB
Sample : ICV204-10 (M080)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 3 Sample Multiplier: 1

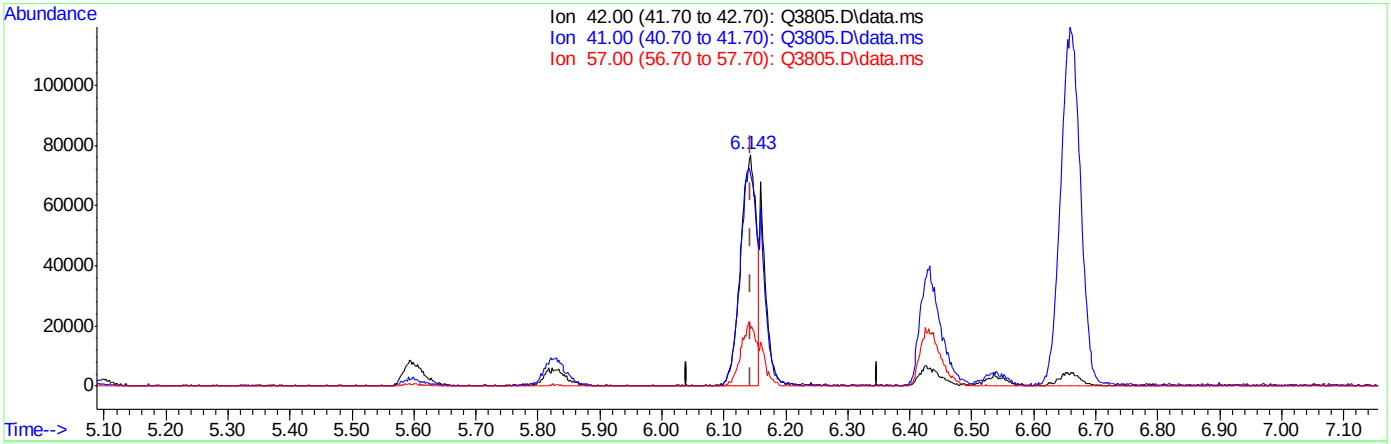
Quant Time: Jun 26 08:42:12 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:41:33 2007
Response via : Initial Calibration

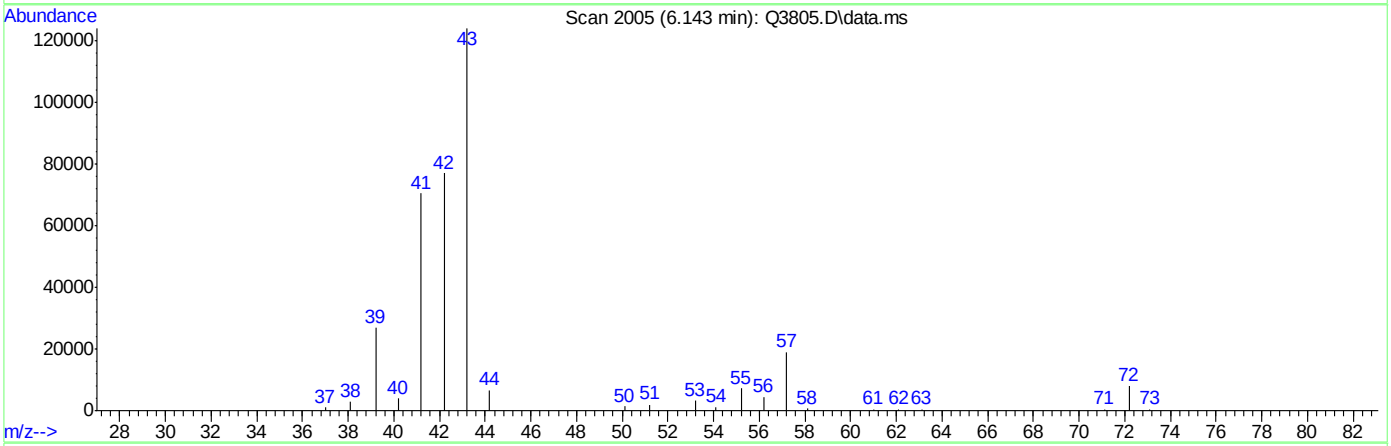


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3805.D
Acq On : 25 Jun 2007 9:01 pm
Operator : PhilipB
Sample : ICV204-10 (M080)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 26 08:41:52 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:41:33 2007
Response via : Initial Calibration





TIC: Q3805.D\data.ms

(13) PENTANE (m)

6.143min (+0.000) 6.00PPBV

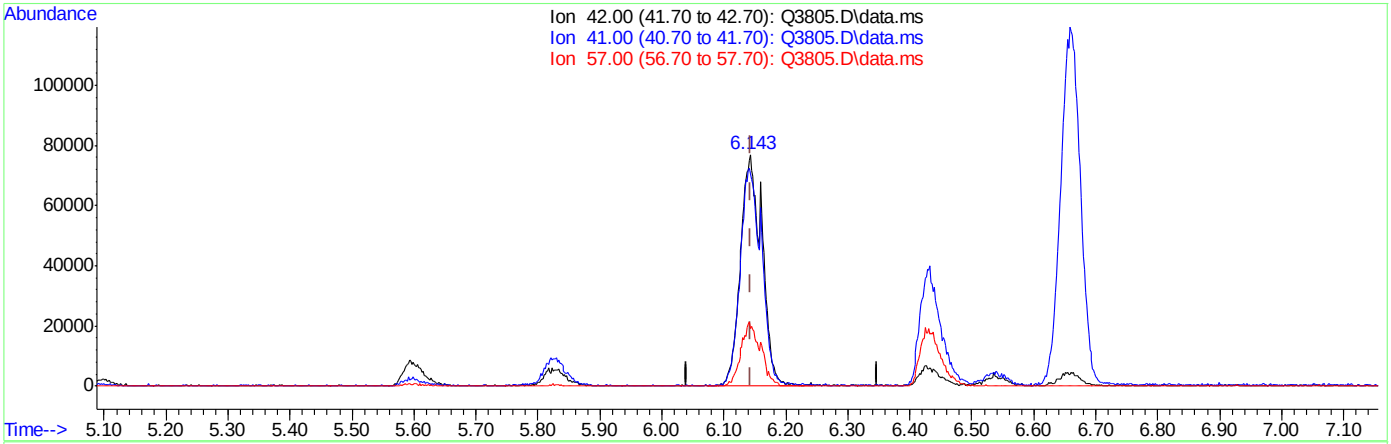
response 137035

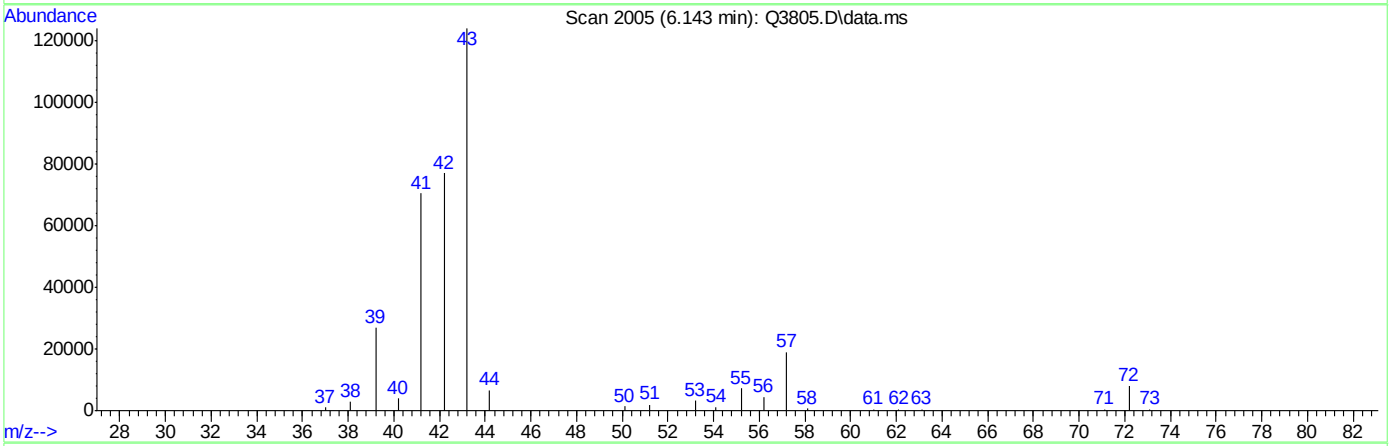
Ion	Exp%	Act%
42.00	100	100
41.00	94.80	127.74#
57.00	28.90	34.36
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3805.D
Acq On : 25 Jun 2007 9:01 pm
Operator : PhilipB
Sample : ICV204-10 (M080)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 26 08:41:52 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:41:33 2007
Response via : Initial Calibration





TIC: Q3805.D\data.ms

(13) PENTANE (m)

6.143min (+0.000) 8.14PPBV m

response 185802

Ion	Exp%	Act%
42.00	100	100
41.00	94.80	94.21
57.00	28.90	25.34
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3805.D
Acq On    : 25 Jun 2007   9:01 pm
Operator  : PhilipB
Sample    : ICV204-10 (M080)
Misc      : MS13781, MSQ204,,,,,1
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Jun 26 08:41:52 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:41:33 2007
Response via : Initial Calibration
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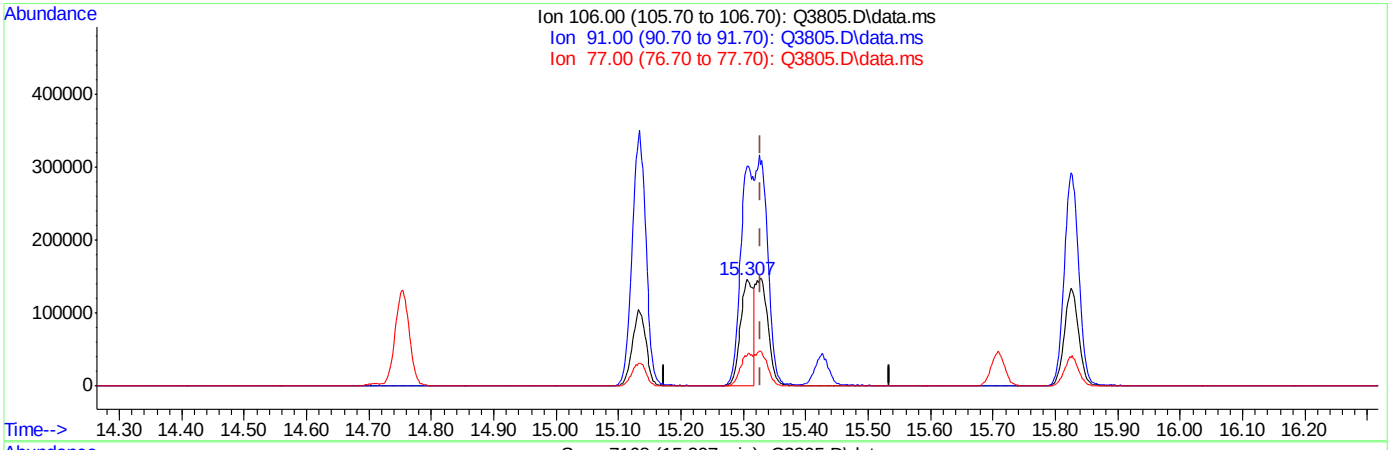
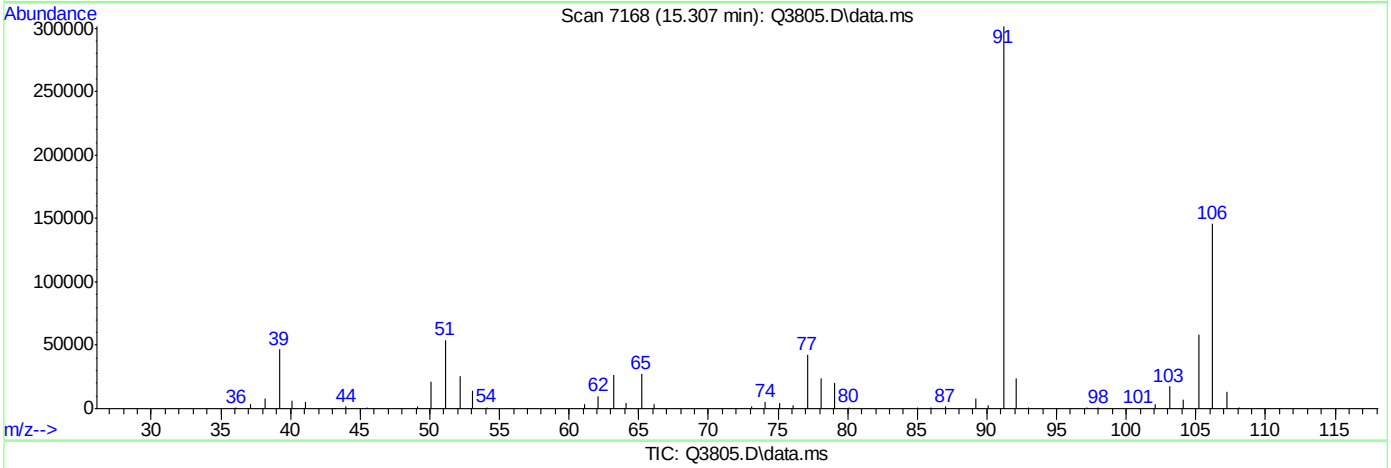




TIC: Q3805.D\data.ms

(56) m,p-XYLENE (m)

15.307min (-0.022) 10.03PPBV

response 214724

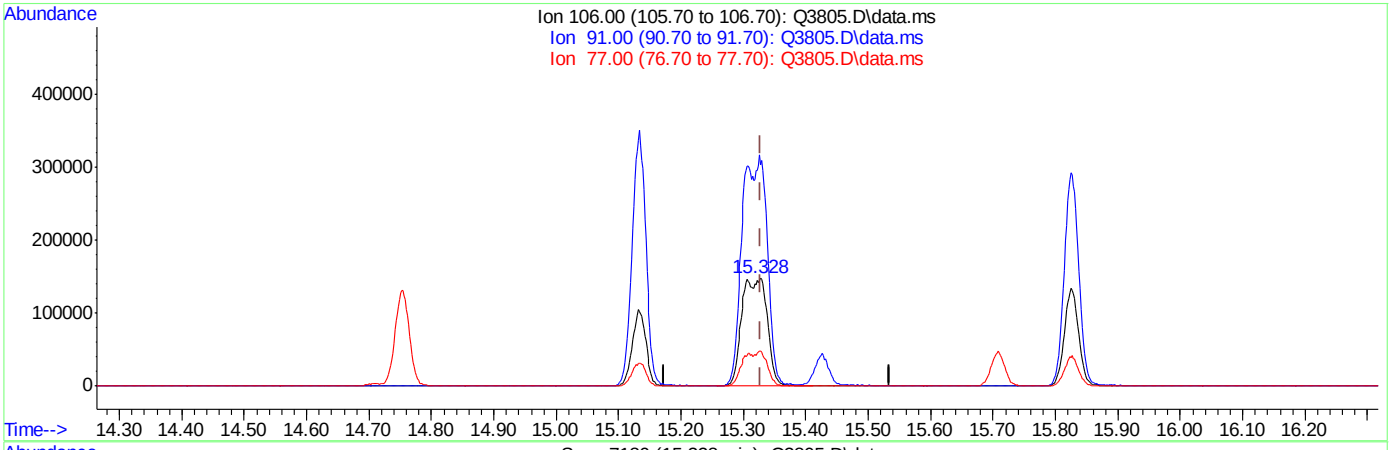
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	206.76
77.00	27.30	29.10
0.00	0.00	0.00

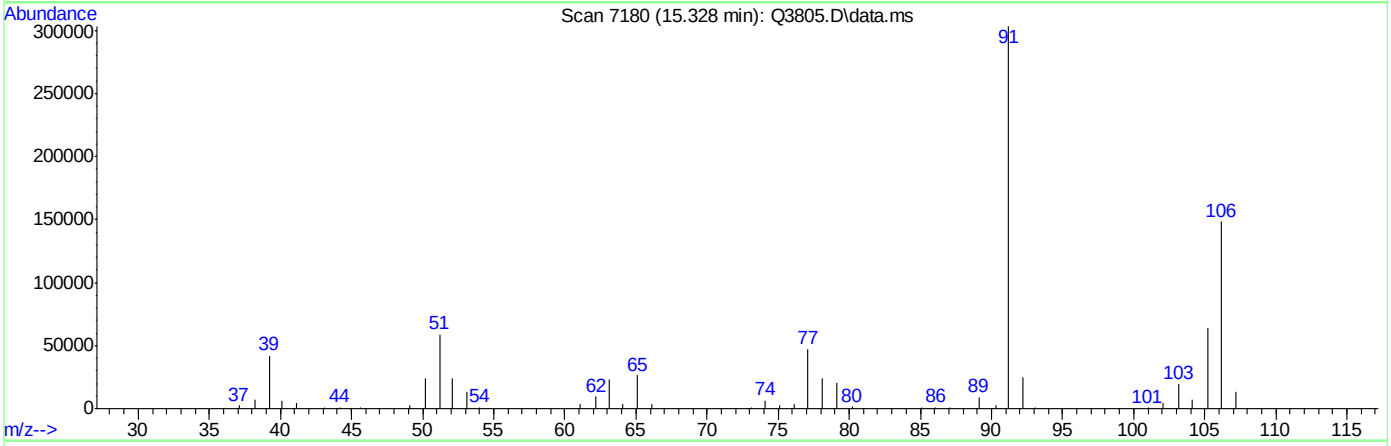
ACCUTEST Laboratories M65960

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3805.D
Acq On : 25 Jun 2007 9:01 pm
Operator : PhilipB
Sample : ICV204-10 (M080)
Misc : MS13781, MSQ204,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 26 08:41:52 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:41:33 2007
Response via : Initial Calibration





TIC: Q3805.D\data.ms

(56) m,p-XYLENE (m)

15.328min (-0.001) 19.83PPBV m

response 424375

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	204.62
77.00	27.30	32.06
0.00	0.00	0.00

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

ACCUTEST Laboratories M65960

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

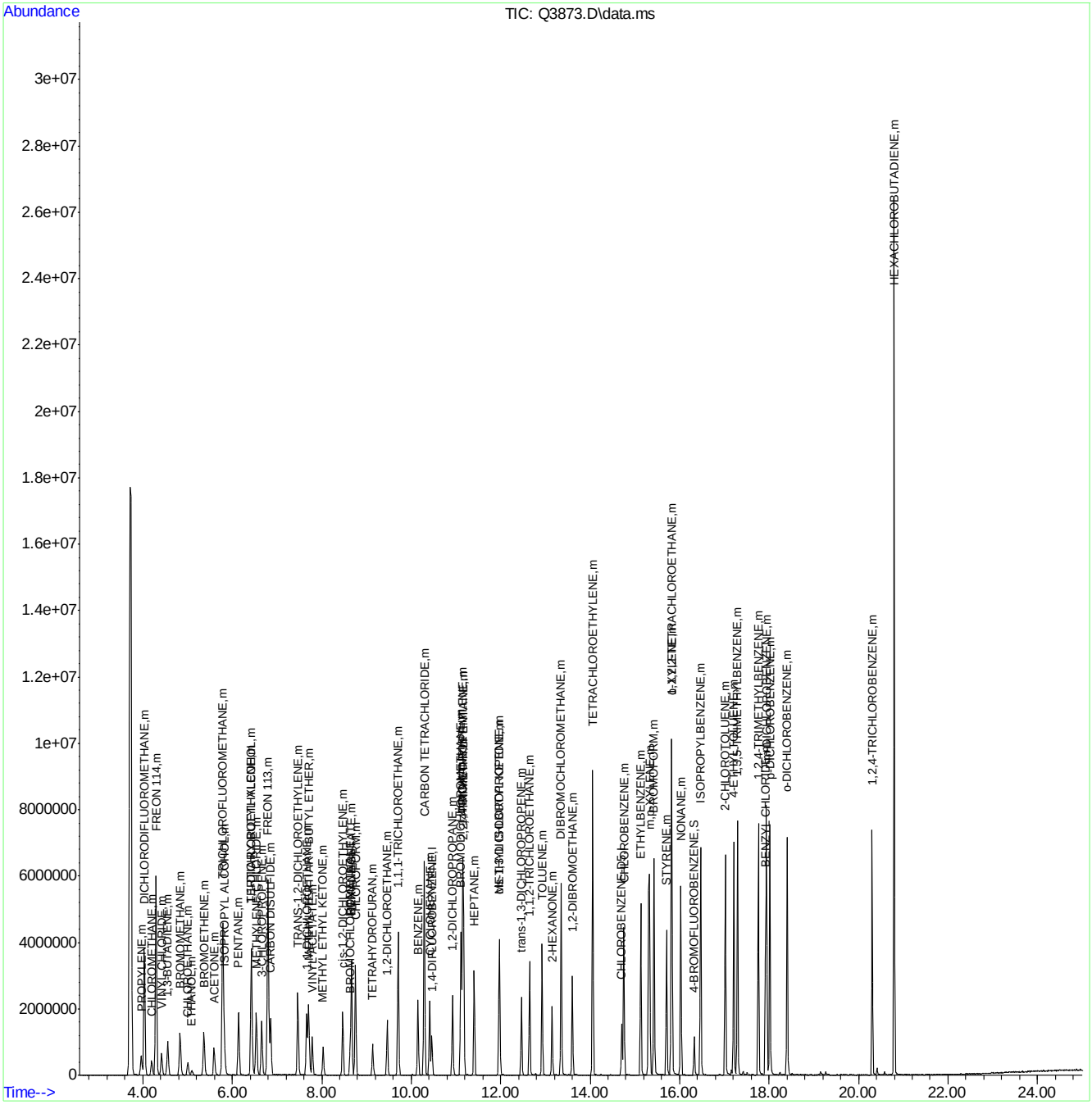
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.977	43	1347858	40.00	PPBV		88
45) cis-1,3-DICHLOROPROPENE	11.964	75	1175419	40.00	PPBV	#	82
46) TOLUENE	12.926	92	1269343	40.00	PPBV		100
47) trans-1,3-DICHLOROPROPENE	12.465	75	1021313	40.00	PPBV		95
48) 1,1,2-TRICHLOROETHANE	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

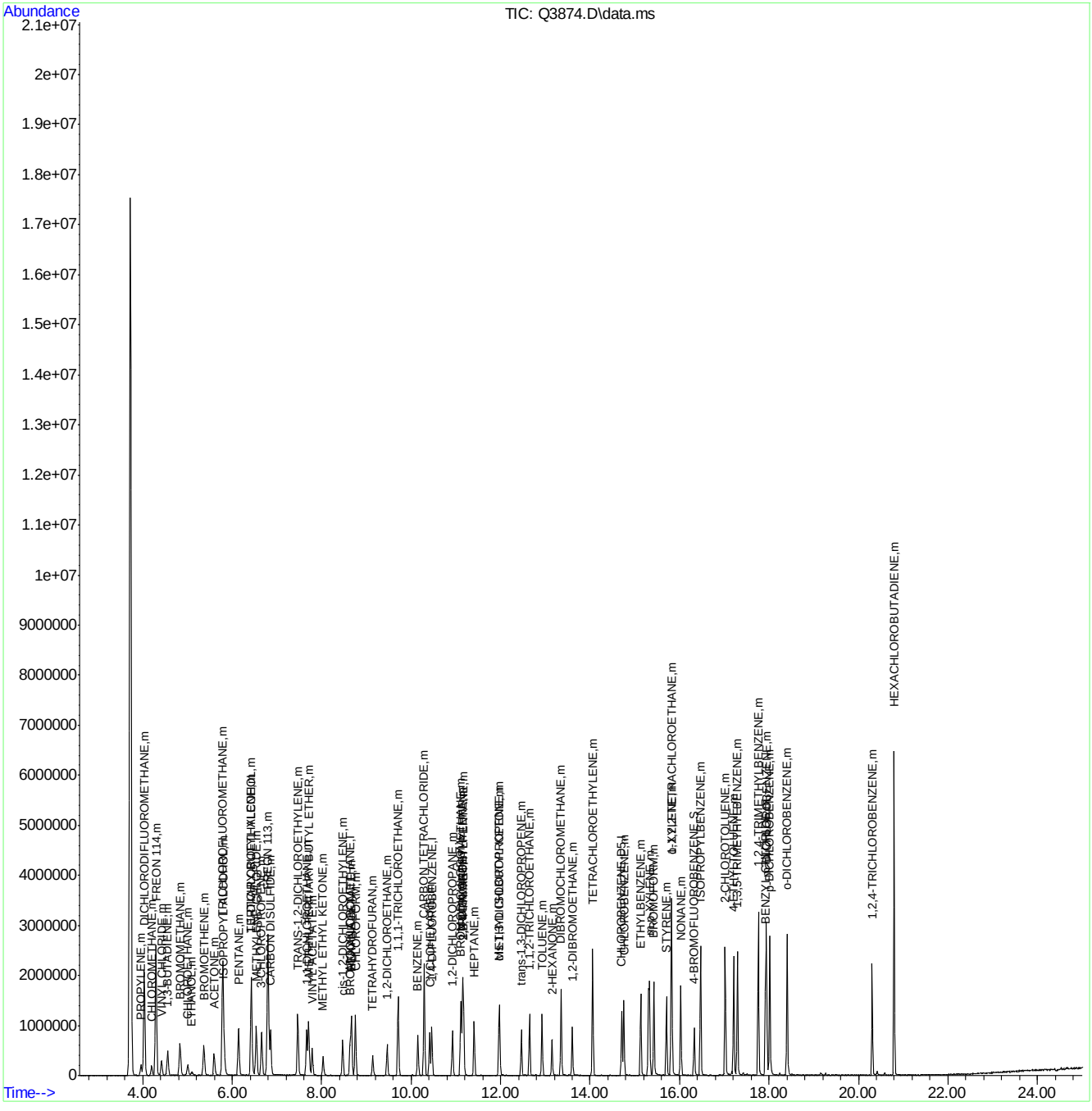
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.977	43	506663	20.00	PPBV		91
45) cis-1,3-DICHLOROPROPENE	11.961	75	428434	20.00	PPBV		85
46) TOLUENE	12.923	92	417294	20.00	PPBV		98
47) trans-1,3-DICHLOROPROPENE	12.462	75	383156	20.00	PPBV		95
48) 1,1,2-TRICHLOROETHANE	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

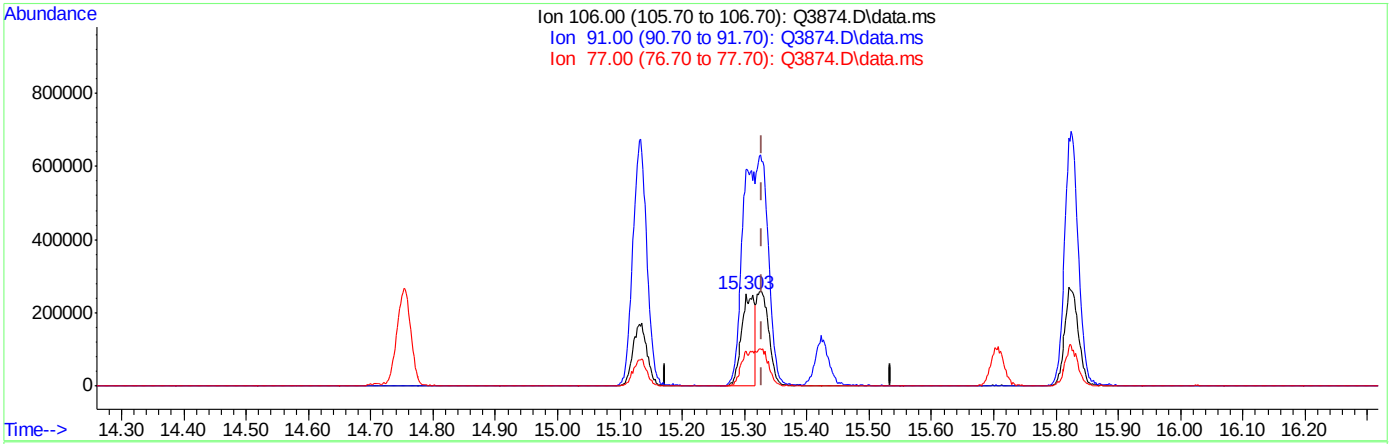


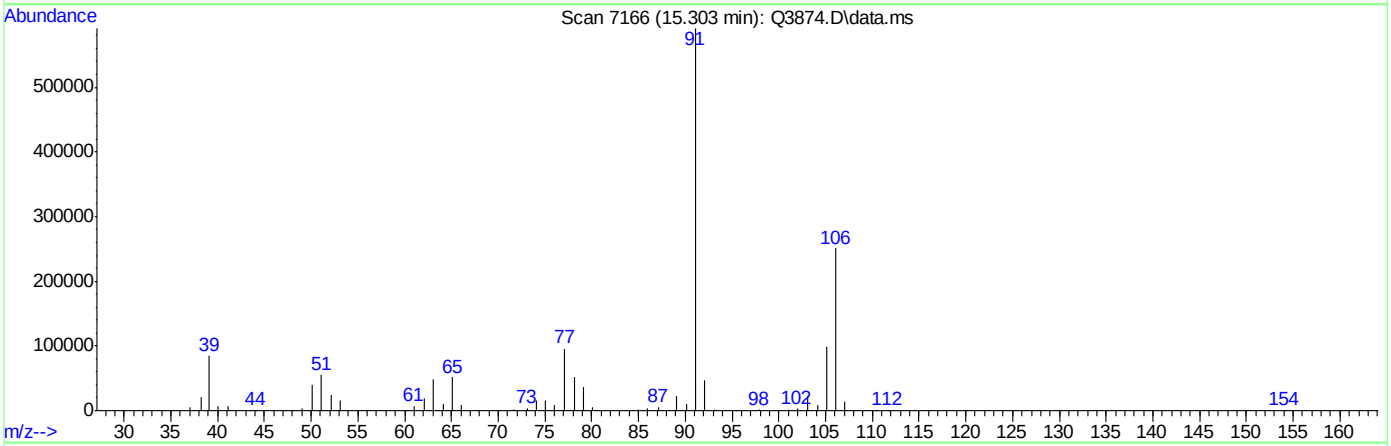
ACCUTEST Laboratories M65960

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

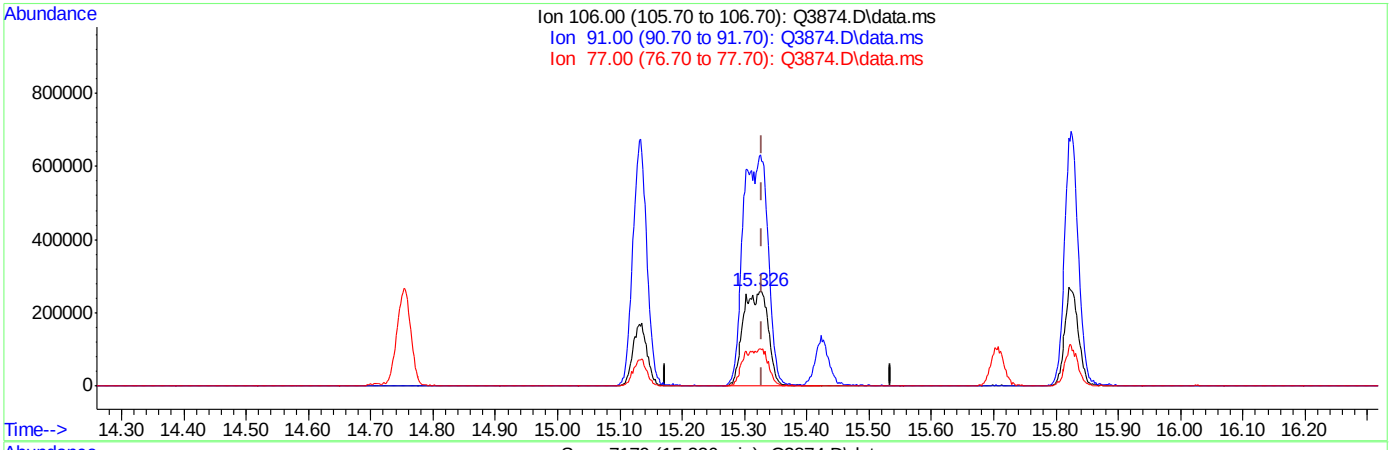
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	235.86
77.00	27.30	38.30#
0.00	0.00	0.00

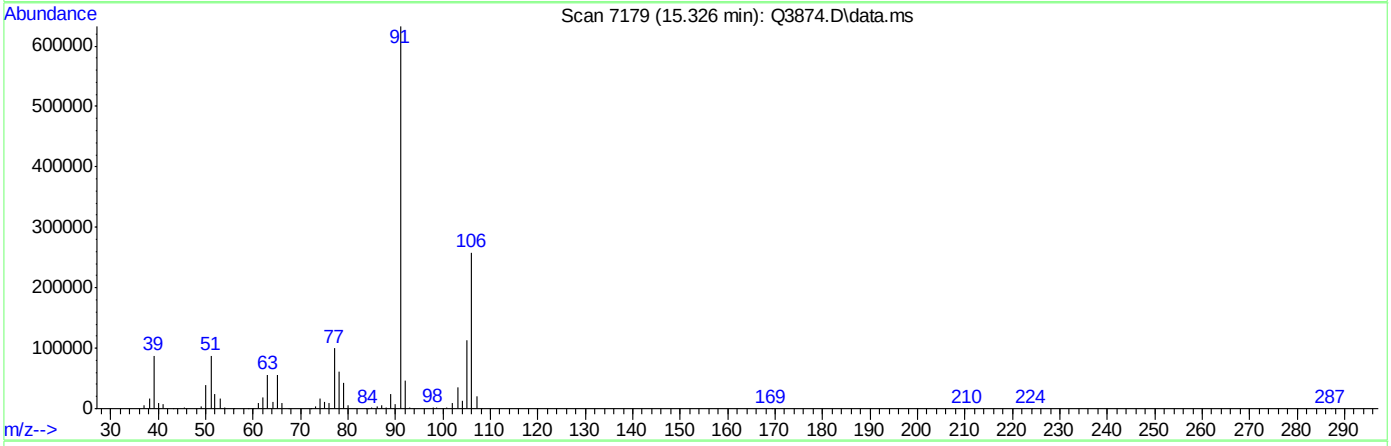
ACCUTEST Laboratories M65960

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

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

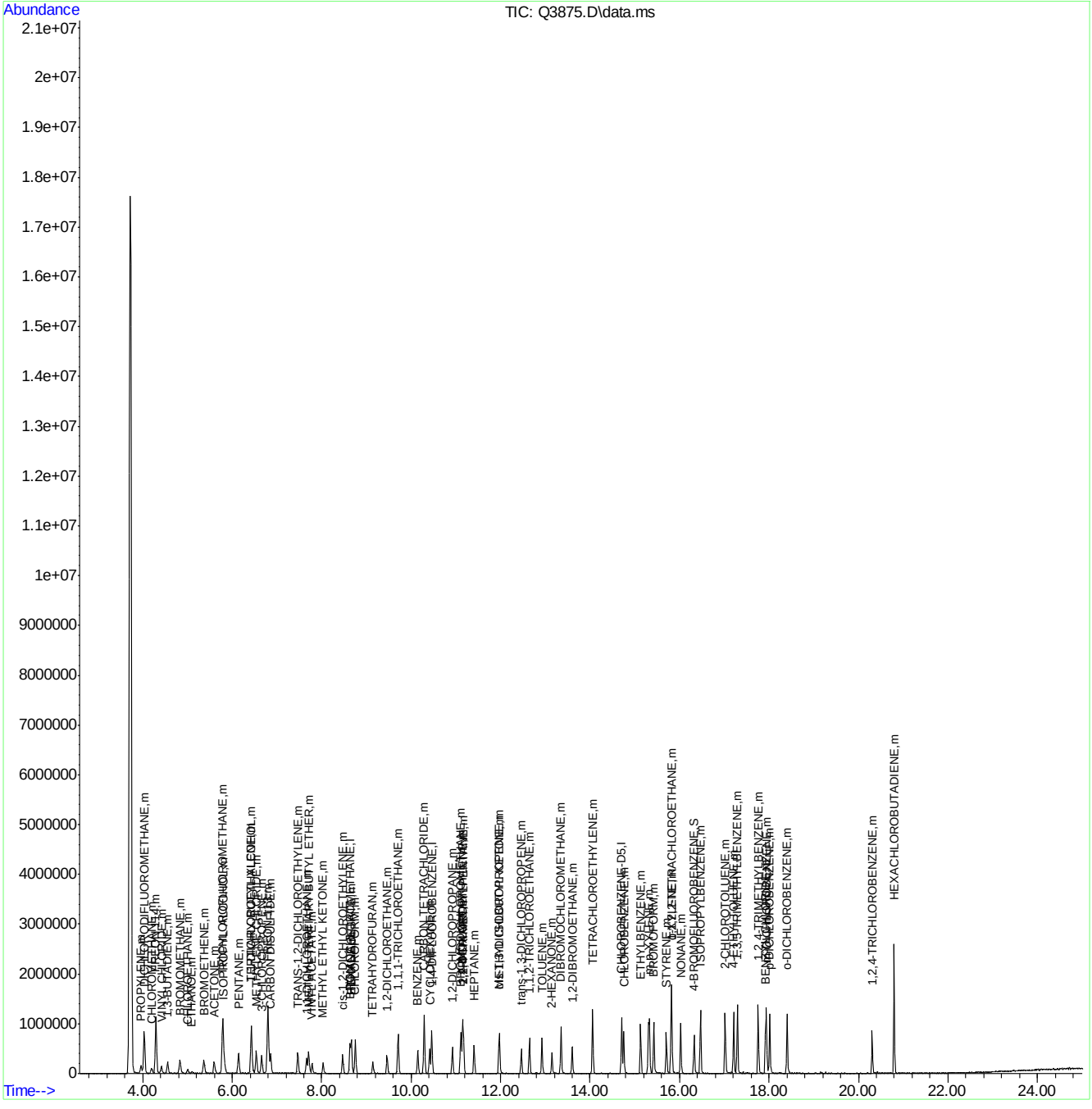
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.977	43	292458	10.00	PPBV		89
45) cis-1,3-DICHLOROPROPENE	11.961	75	232900	10.00	PPBV	#	83
46) TOLUENE	12.923	92	241944	10.00	PPBV		100
47) trans-1,3-DICHLOROPROPENE	12.460	75	219278	10.00	PPBV		96
48) 1,1,2-TRICHLOROETHANE	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

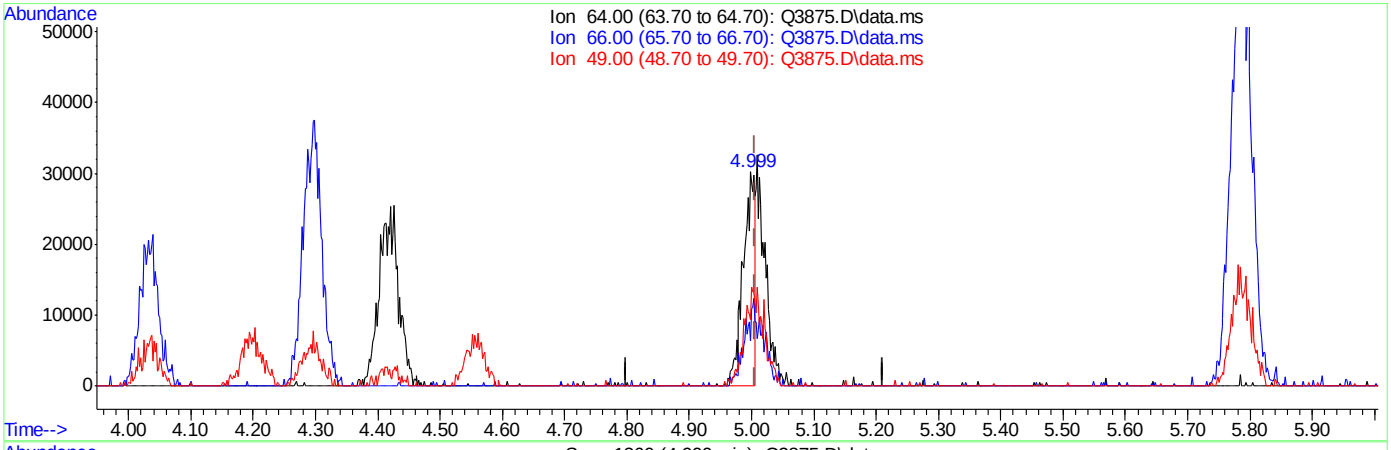


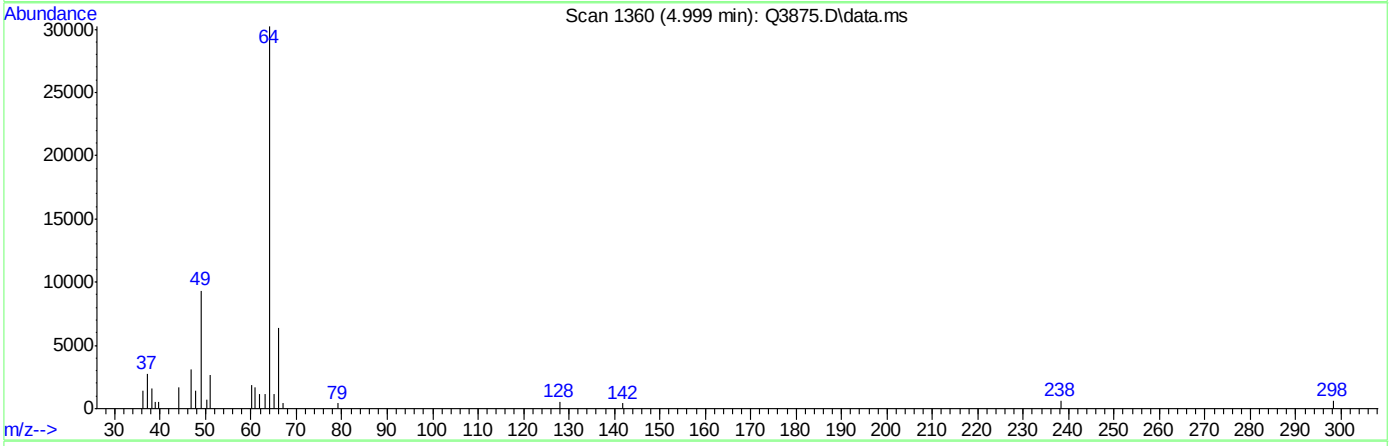
ACCUTEST Laboratories M65960

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

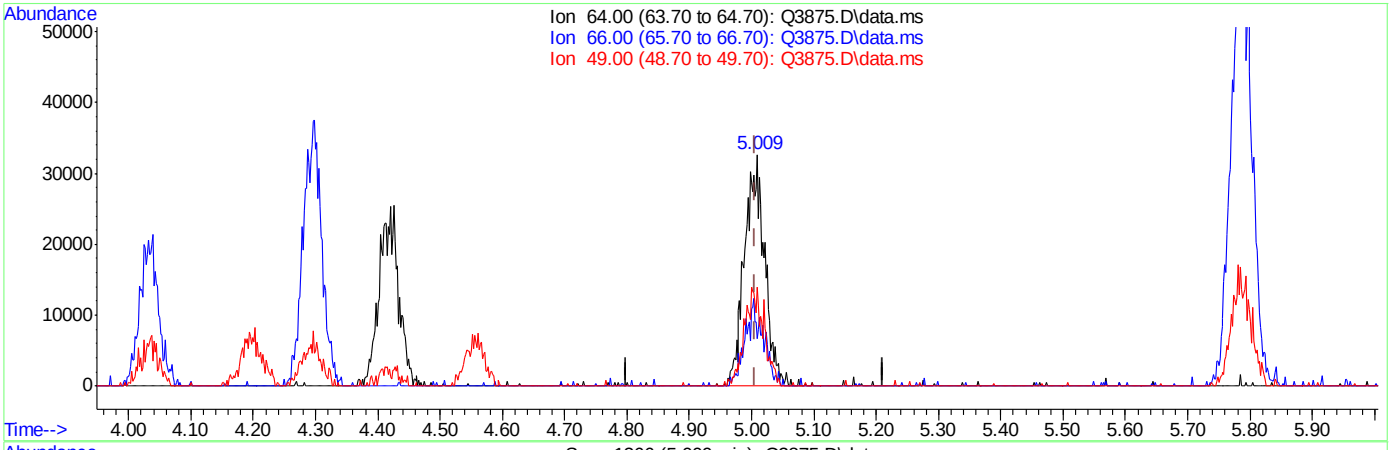
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	40.34
49.00	36.50	76.65#
0.00	0.00	0.00

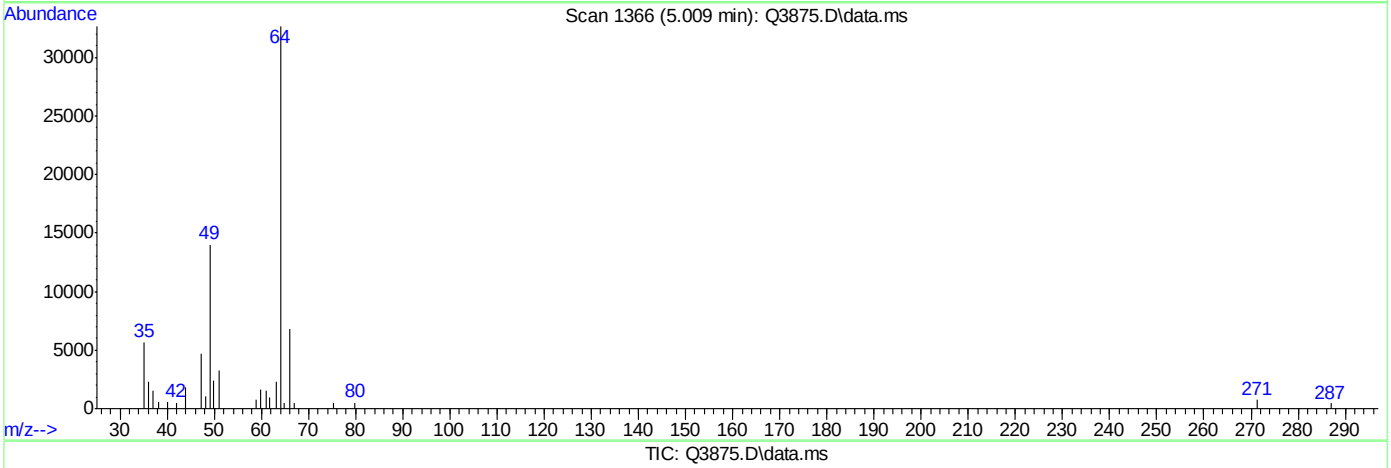
ACCUTEST Laboratories M65960

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

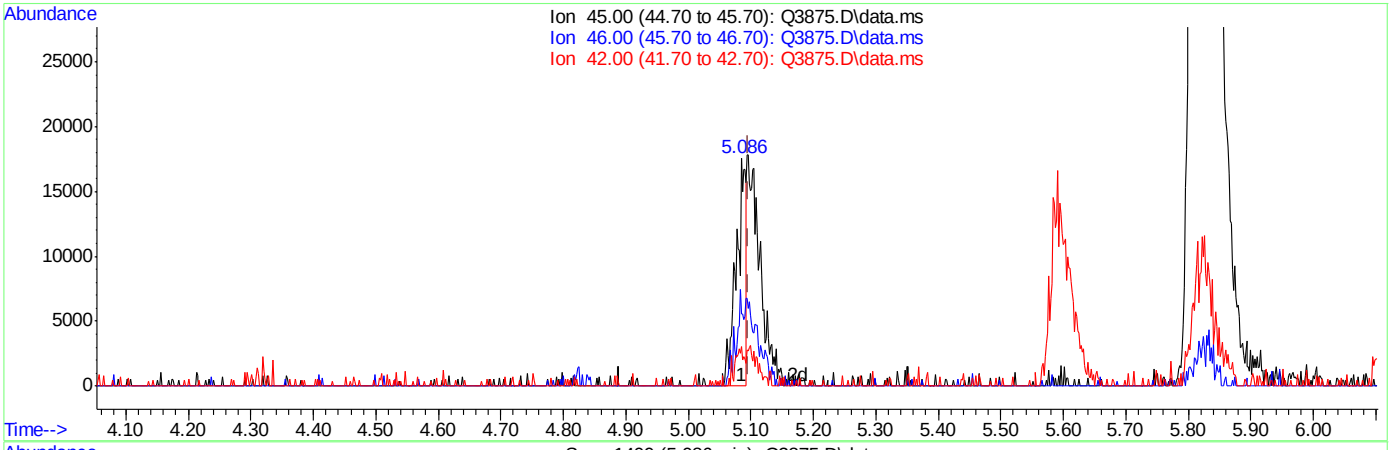
response 72924

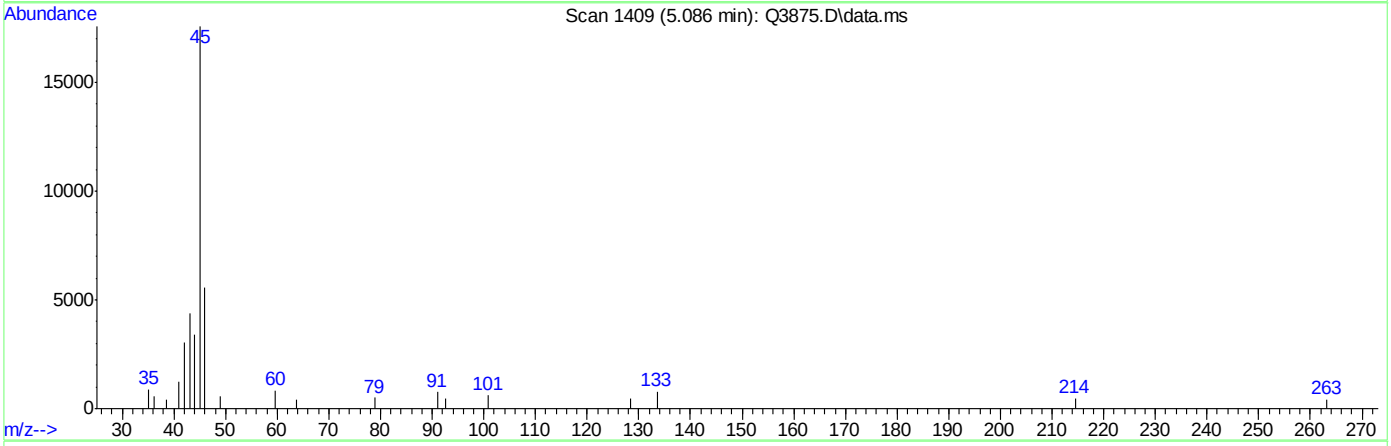
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	21.73
49.00	36.50	41.29
0.00	0.00	0.00

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

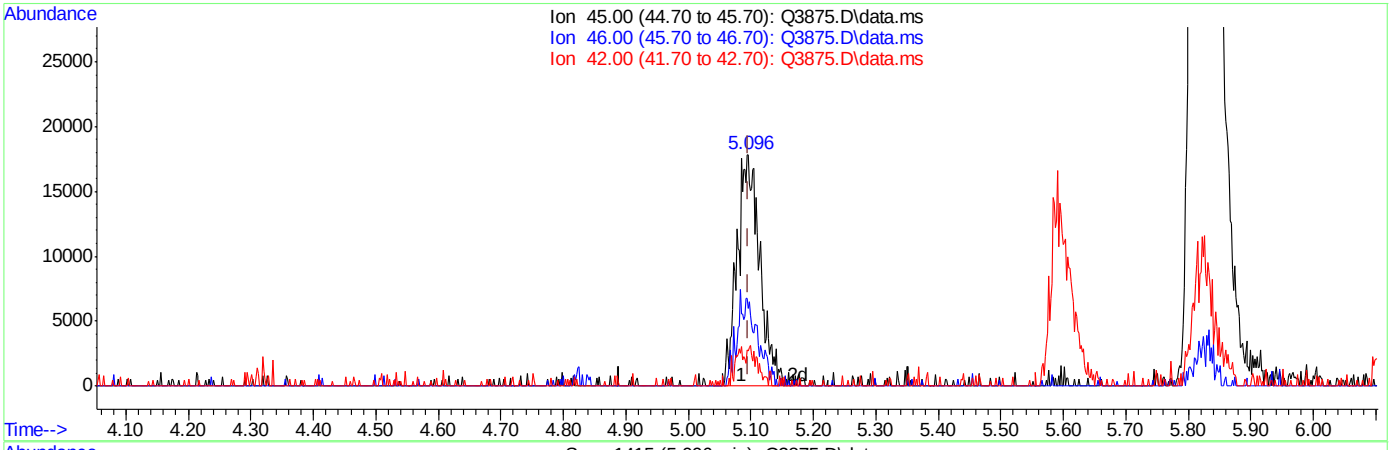
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	85.22#
42.00	8.40	17.06
0.00	0.00	0.00

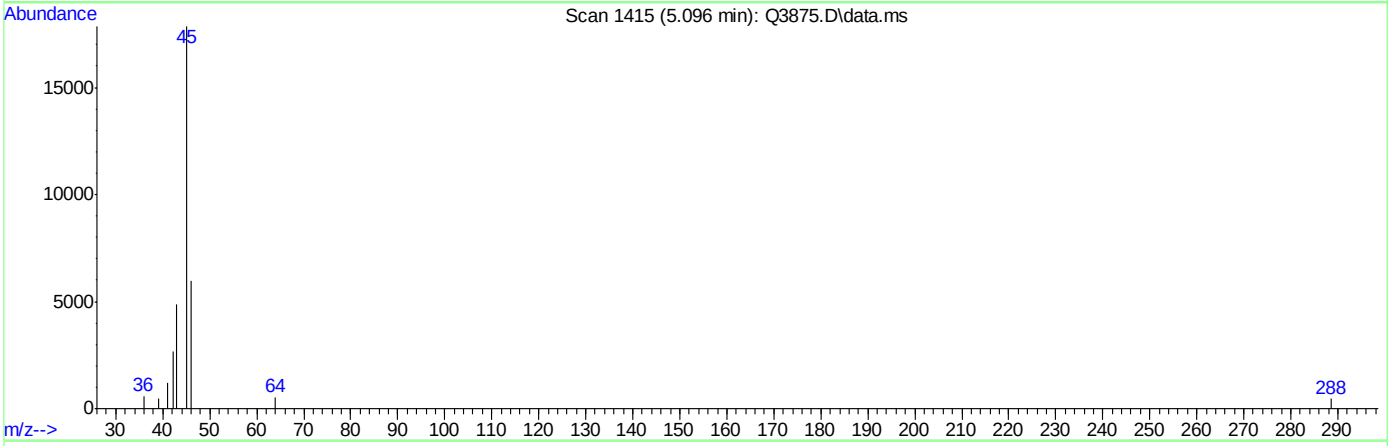
ACCUTEST Laboratories M65960

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

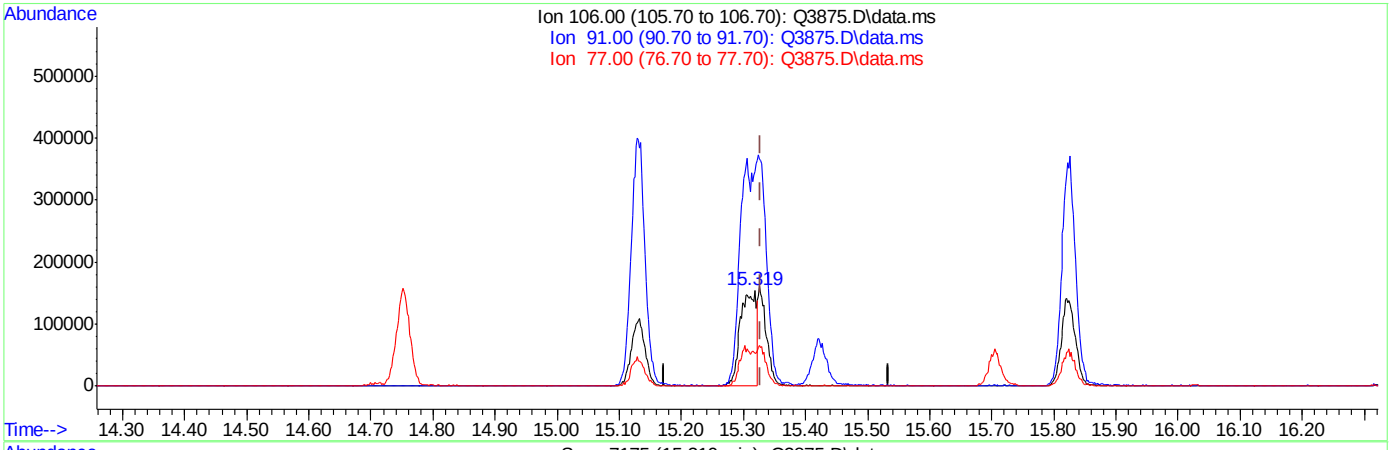
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	34.88
42.00	8.40	6.98
0.00	0.00	0.00

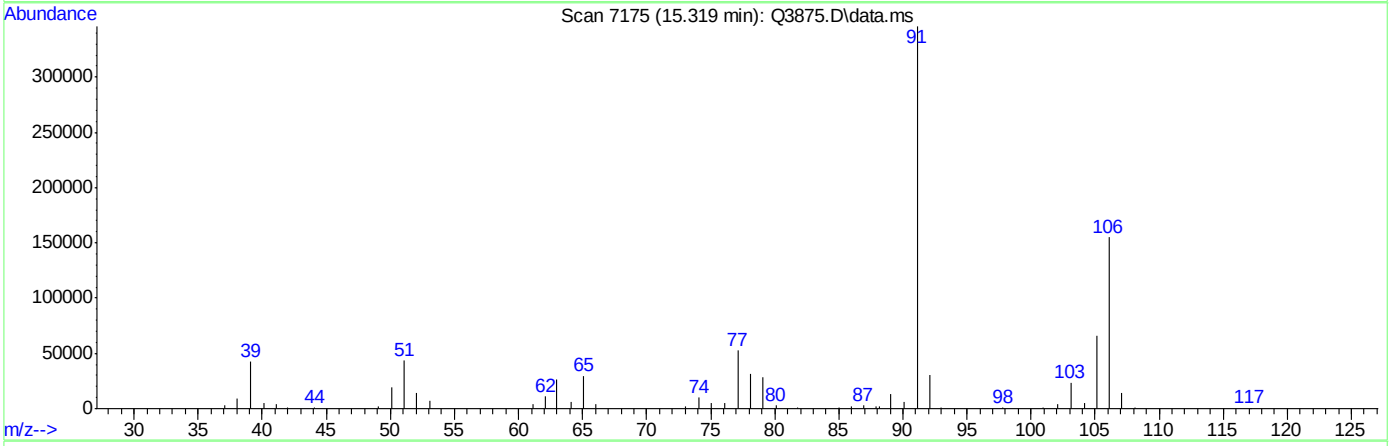
ACCUTEST Laboratories M65960

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

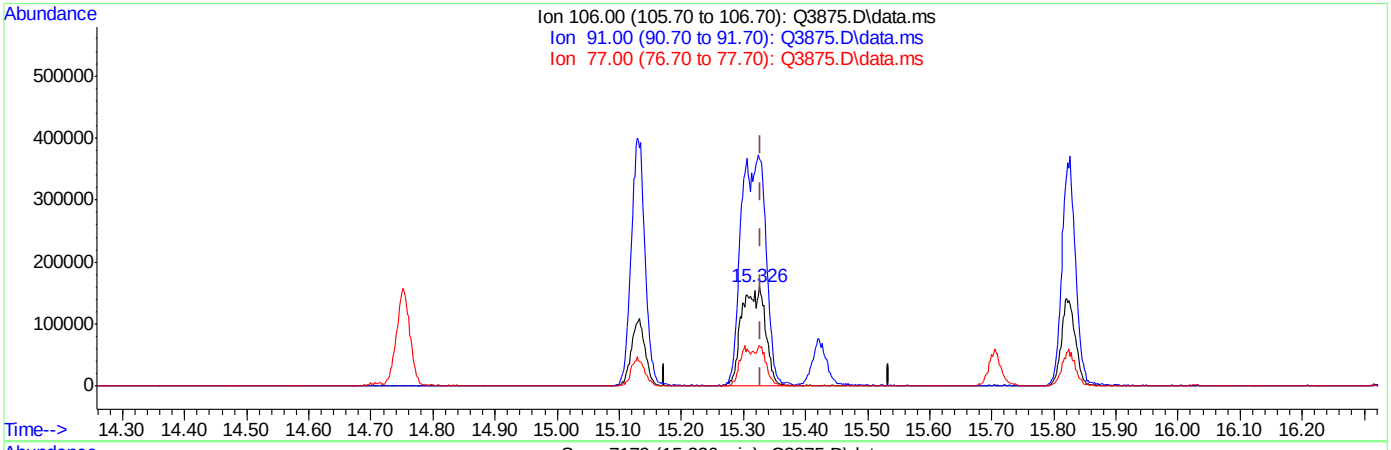
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	222.98
77.00	27.30	33.82#
0.00	0.00	0.00

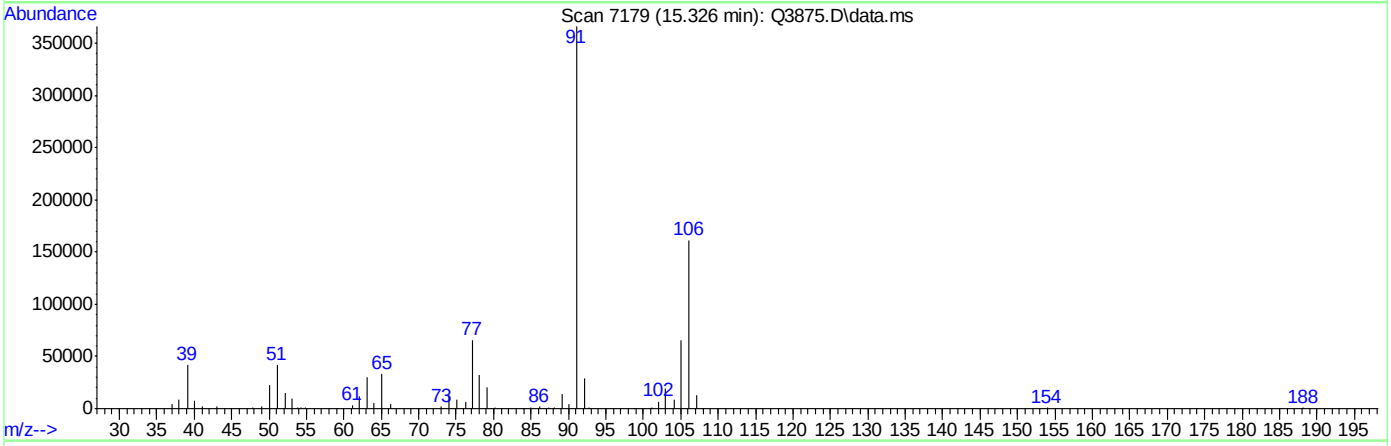
ACCUTEST Laboratories M65960

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 M65960

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

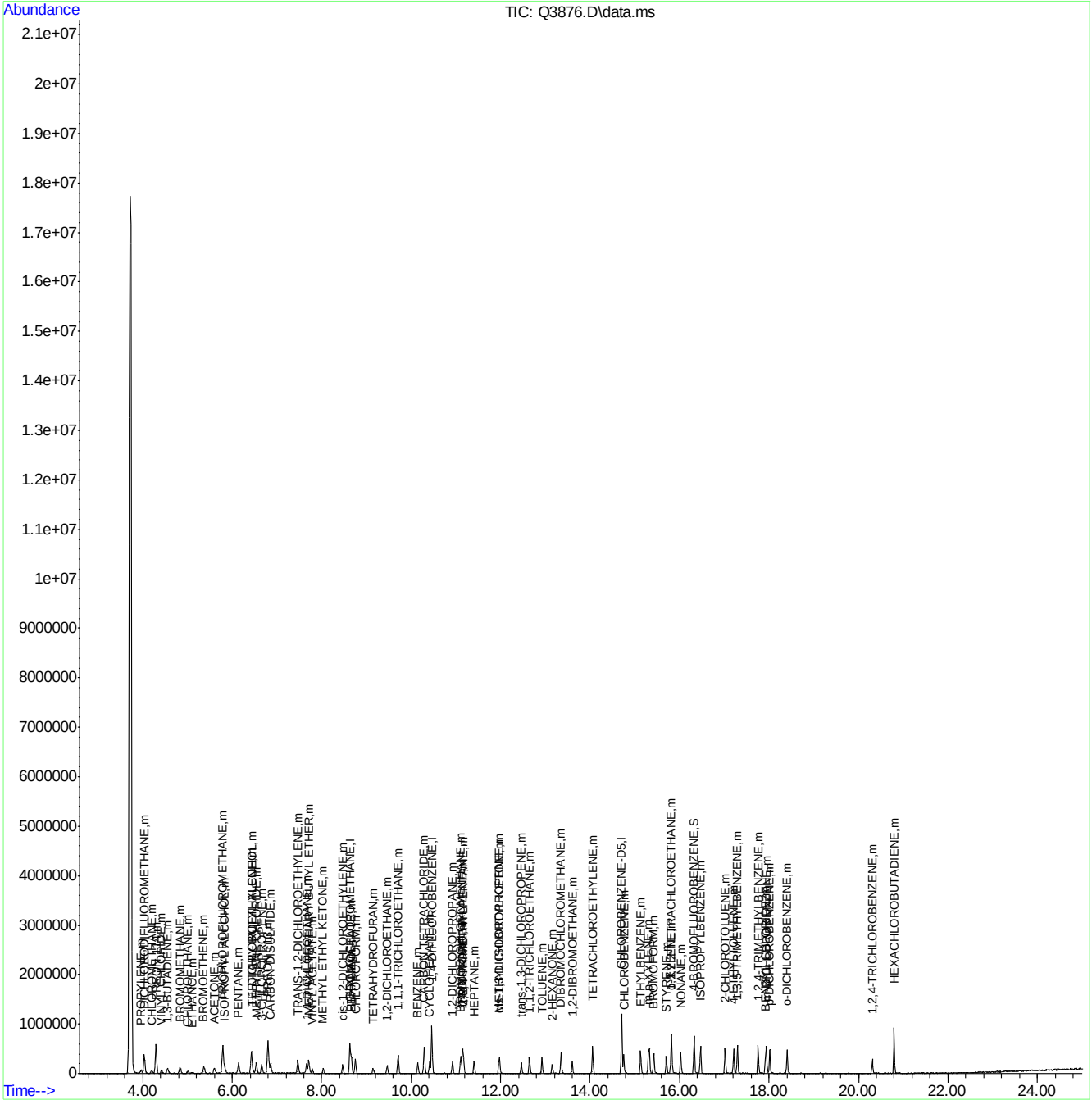
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.979	43	130842	5.00	PPBV	#	69
45) cis-1,3-DICHLOROPROPENE	11.963	75	107003	5.00	PPBV		85
46) TOLUENE	12.923	92	107025	5.00	PPBV		93
47) trans-1,3-DICHLOROPROPENE	12.463	75	94372	5.00	PPBV		97
48) 1,1,2-TRICHLOROETHANE	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

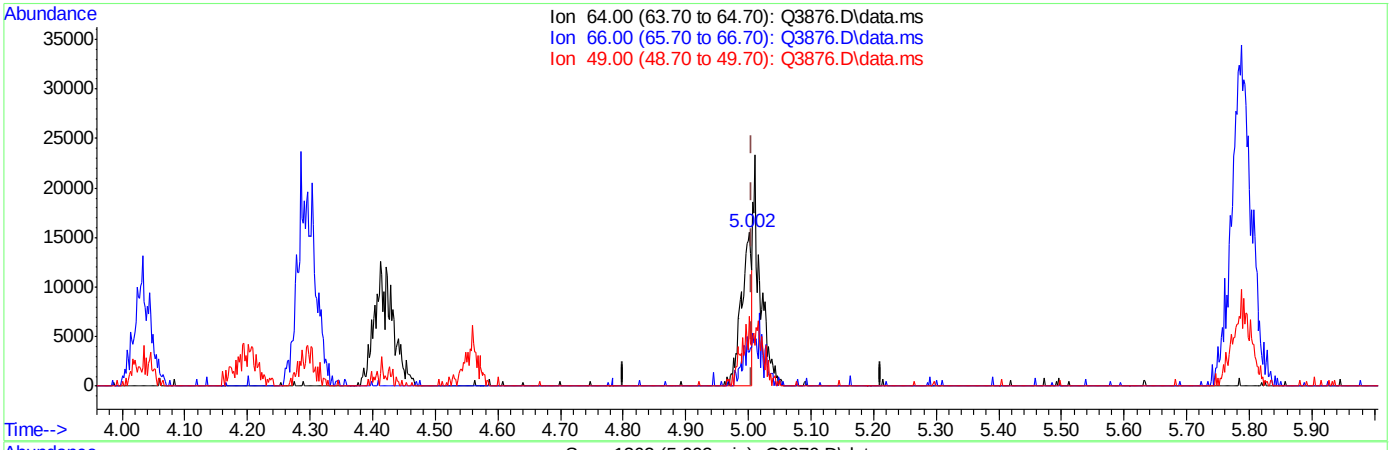


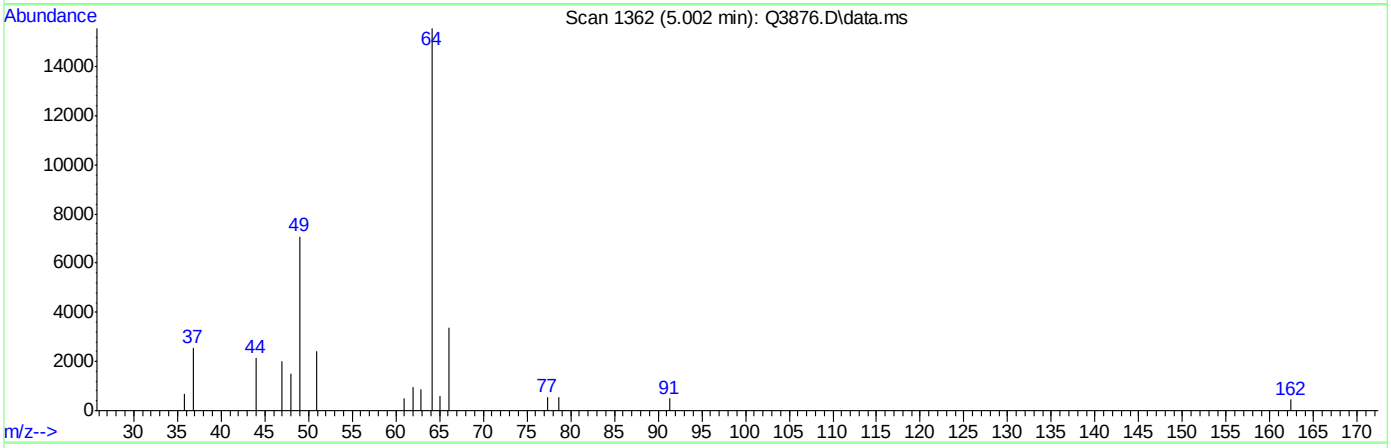
ACCUTEST Laboratories M65960

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

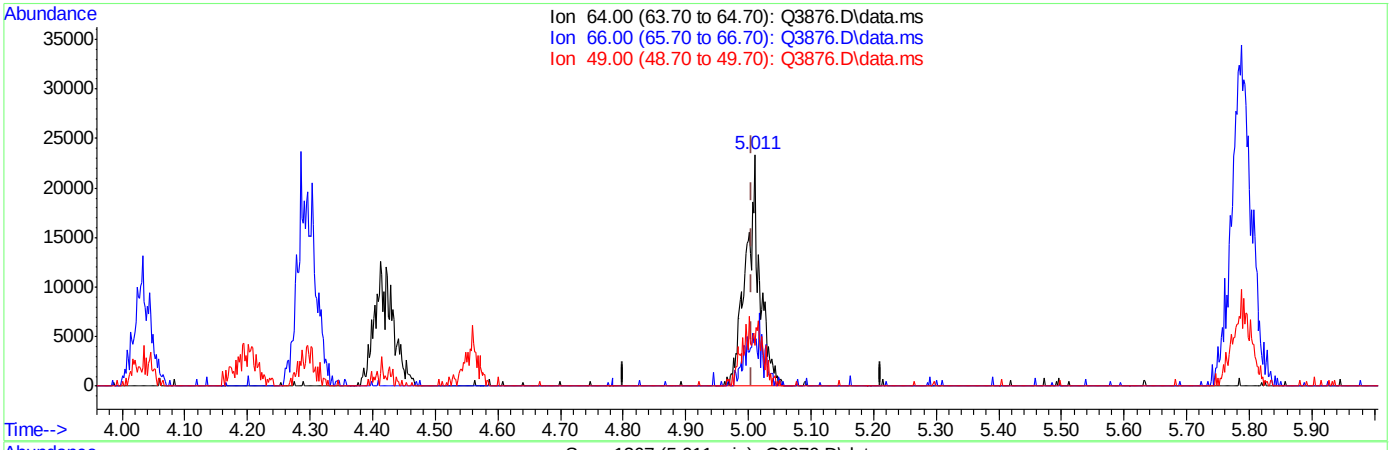
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	21.77
49.00	36.50	39.31
0.00	0.00	0.00

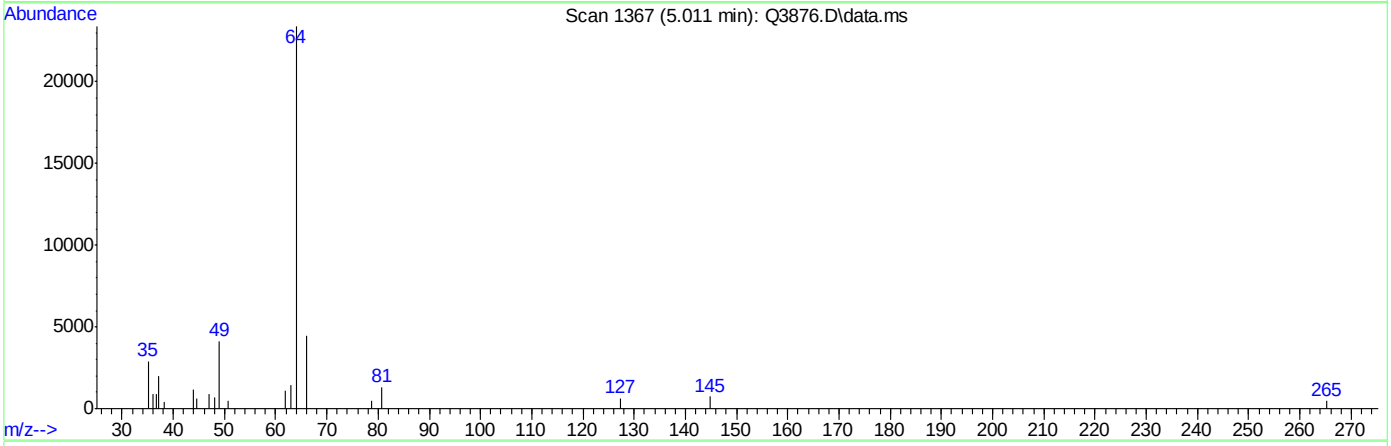
ACCUTEST Laboratories M65960

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

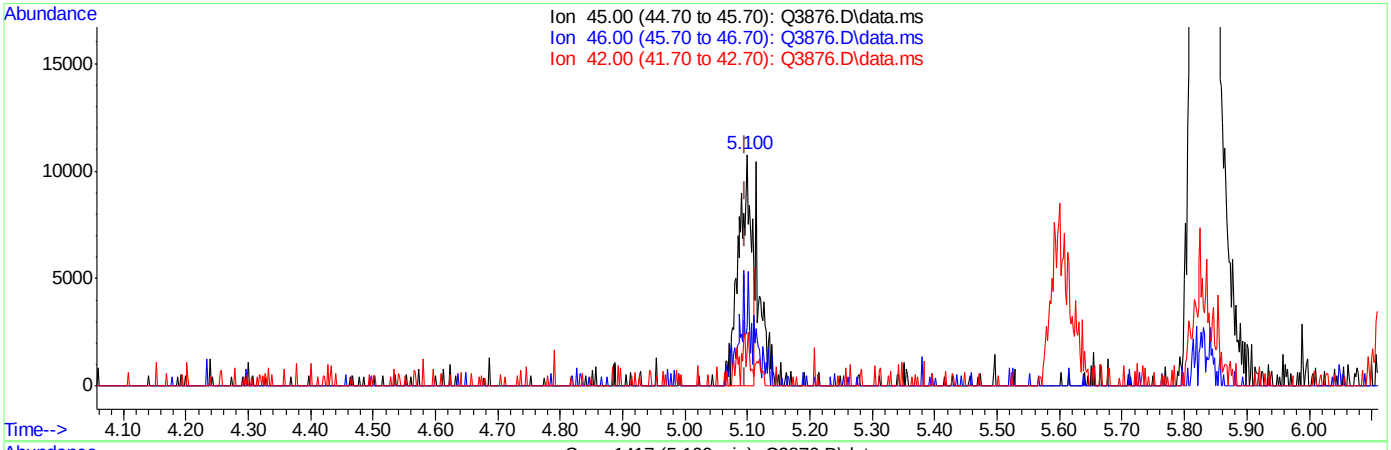
response 36568

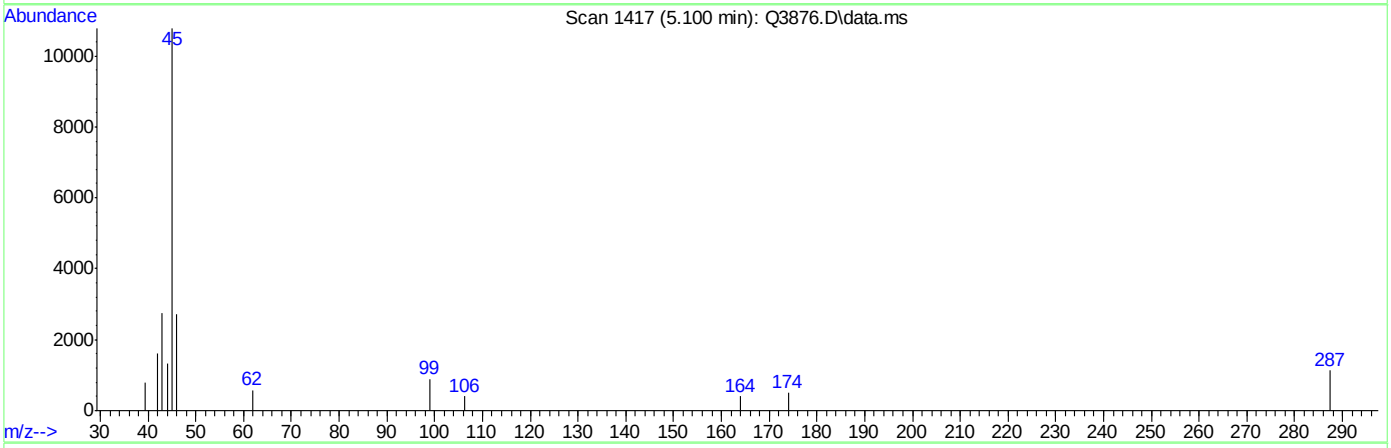
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	10.66
49.00	36.50	19.25
0.00	0.00	0.00

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

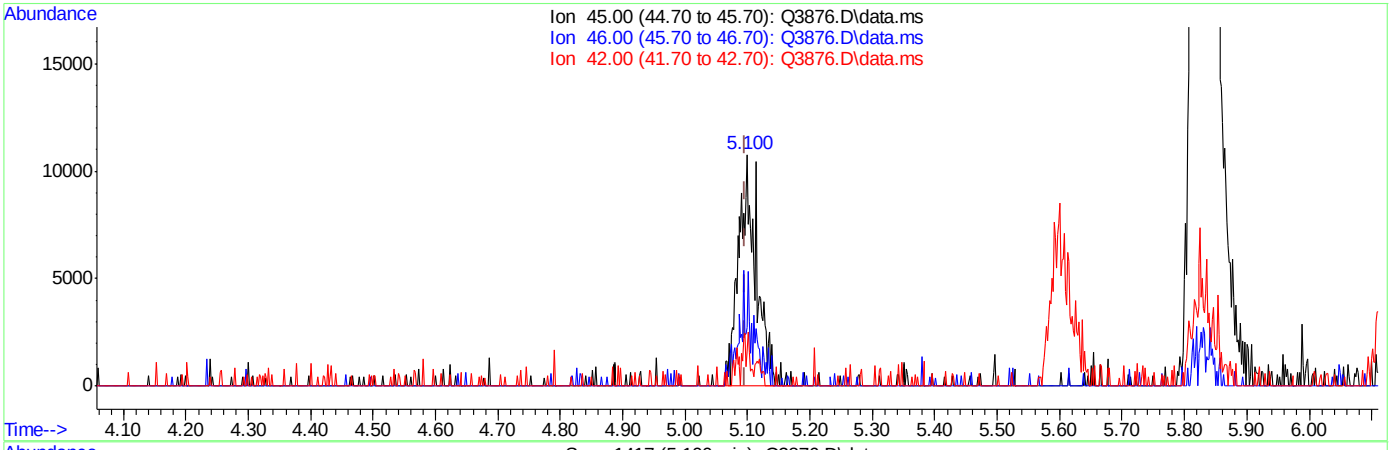
response 15768

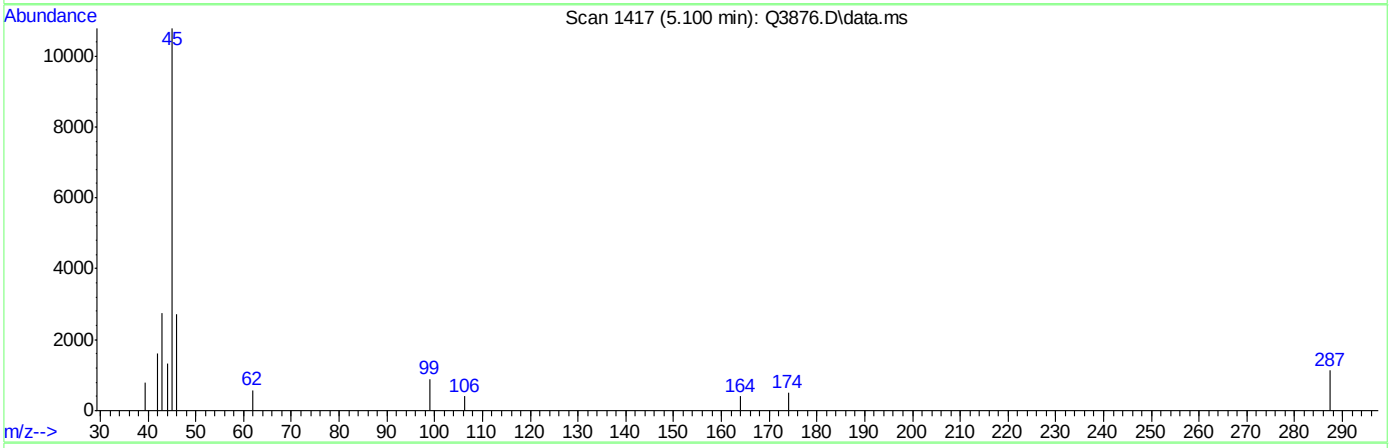
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	50.54
42.00	8.40	11.26
0.00	0.00	0.00

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

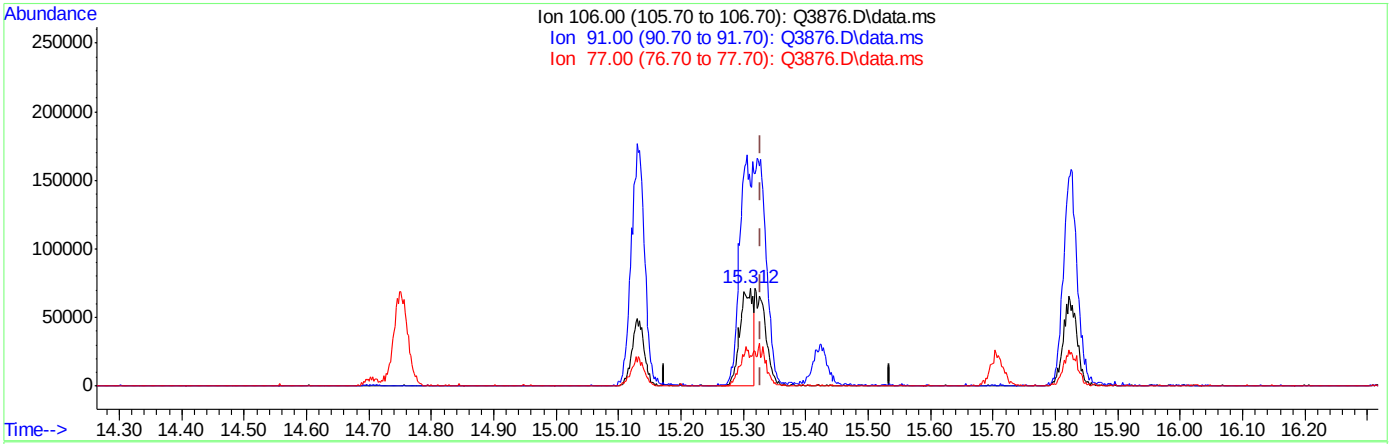
response 21939

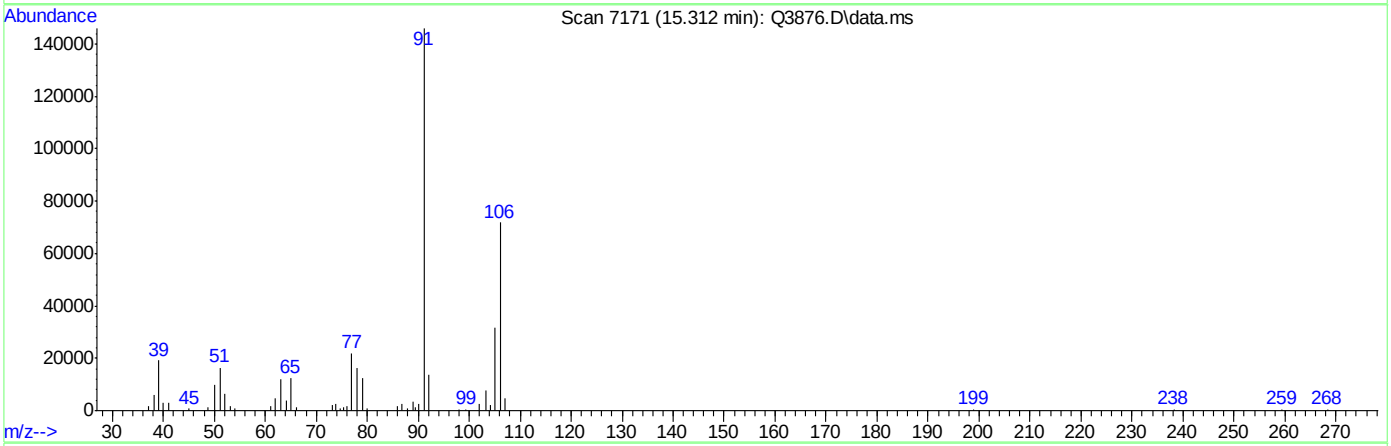
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	36.32
42.00	8.40	8.10
0.00	0.00	0.00

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

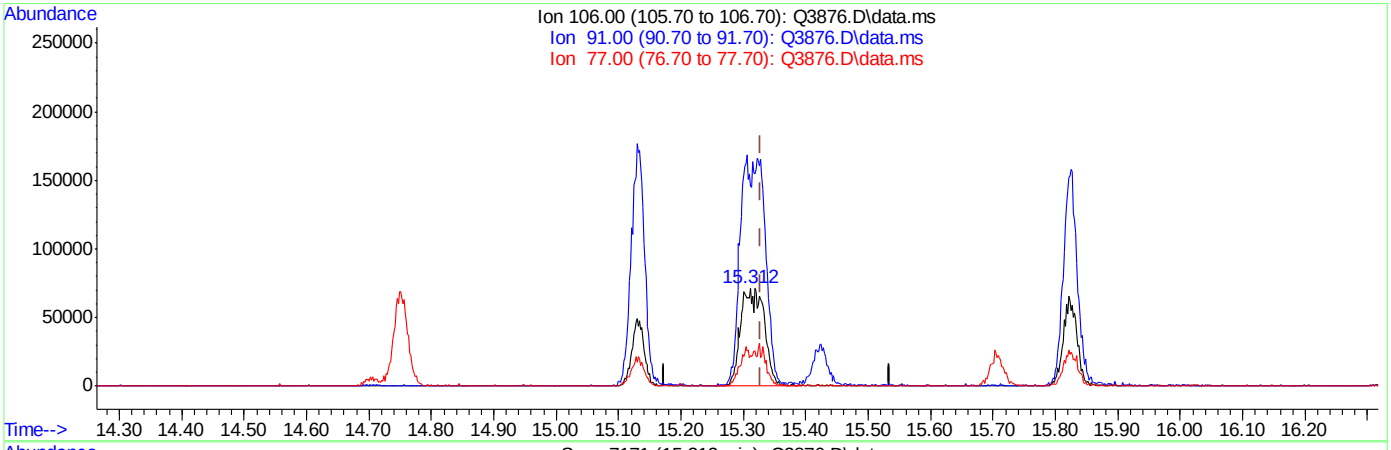
response 105885

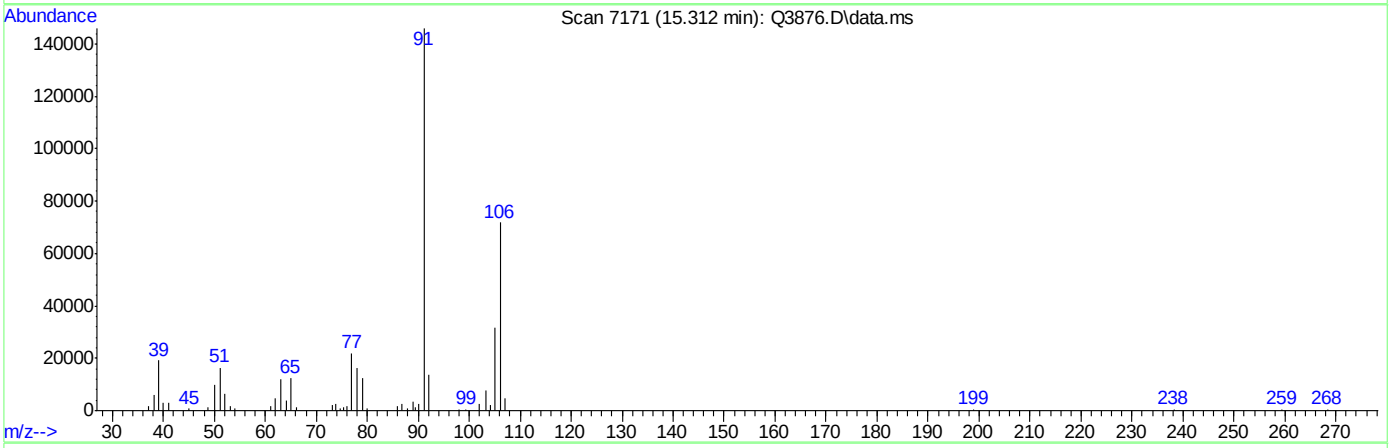
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	203.44
77.00	27.30	30.72
0.00	0.00	0.00

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

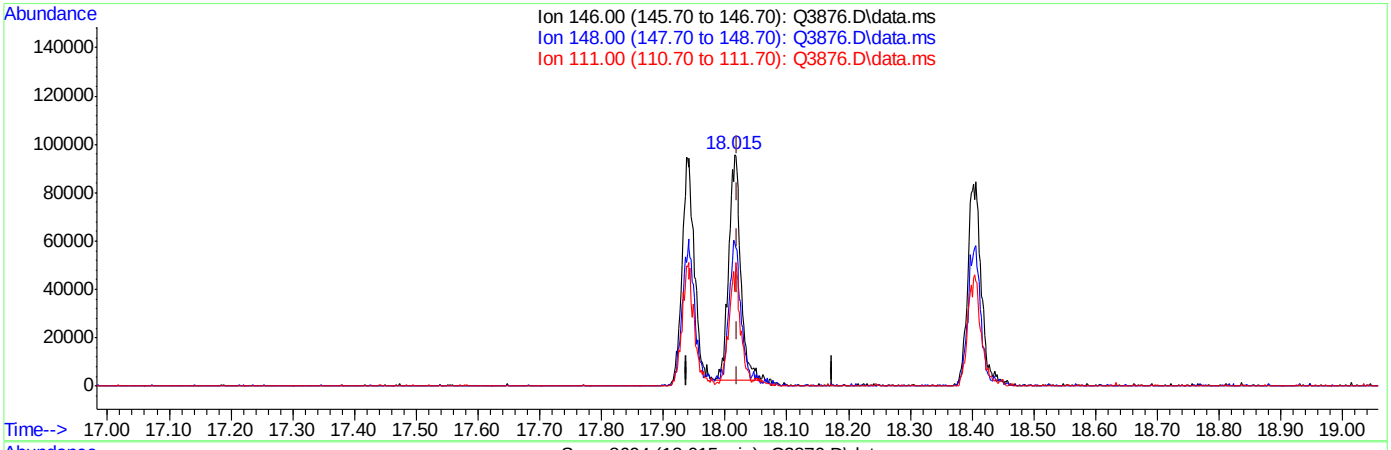
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	203.44
77.00	27.30	30.72
0.00	0.00	0.00

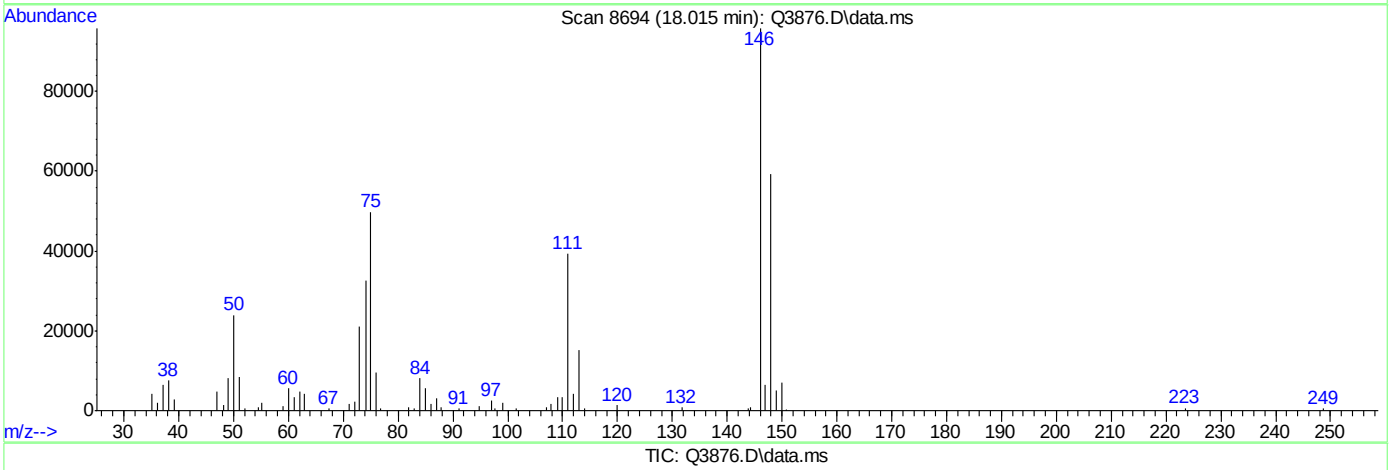
ACCUTEST Laboratories M65960

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

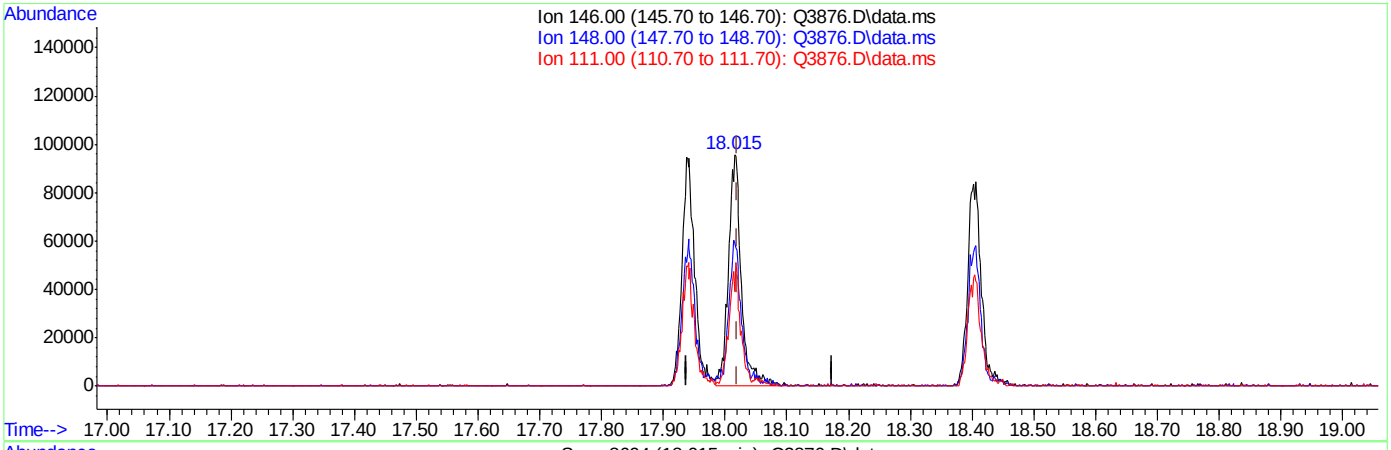
Ion	Exp%	Act%
146.00	100	100
148.00	63.40	61.51
111.00	41.10	51.16
0.00	0.00	0.00

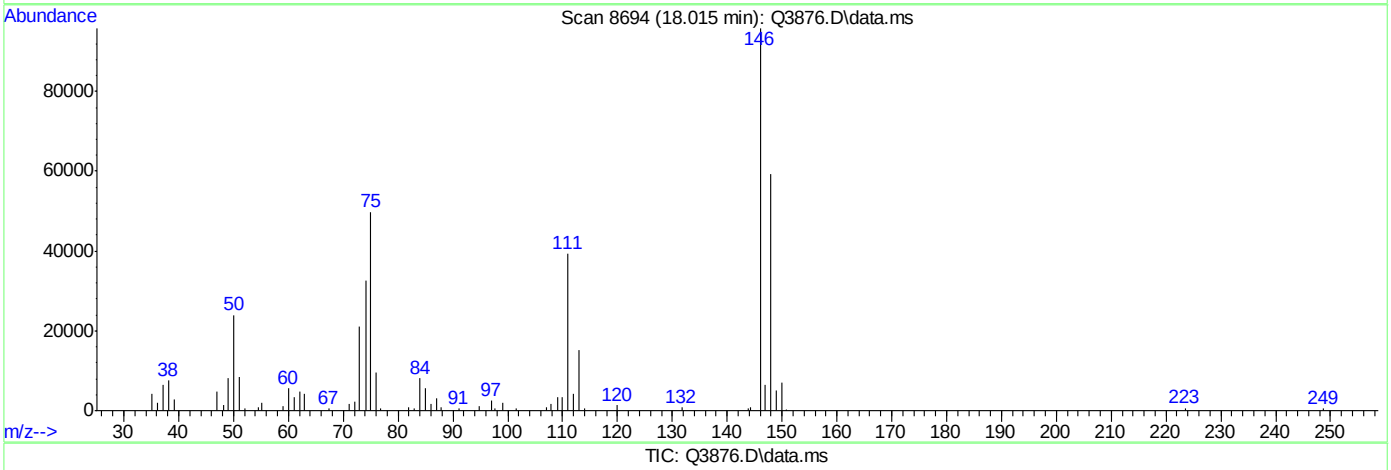
ACCUTEST Laboratories M65960

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 M65960

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

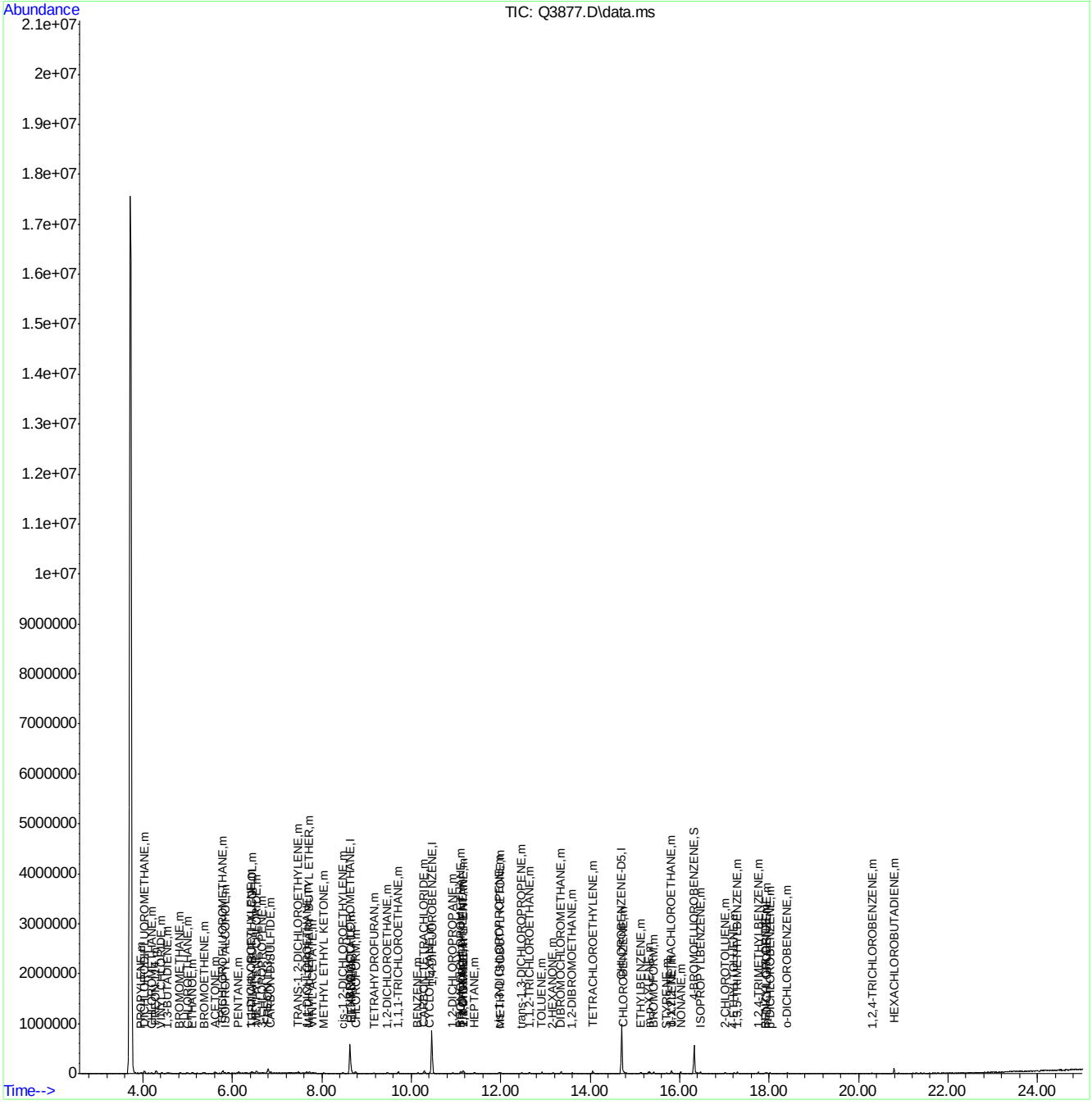
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.988	43	8609	0.50	PPBV #	59
45) cis-1,3-DICHLOROPROPENE	11.957	75	7313m	0.50	PPBV	
46) TOLUENE	12.918	92	7667	0.50	PPBV	94
47) trans-1,3-DICHLOROPROPENE	12.470	75	4158	0.48	PPBV #	81
48) 1,1,2-TRICHLOROETHANE	12.648	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

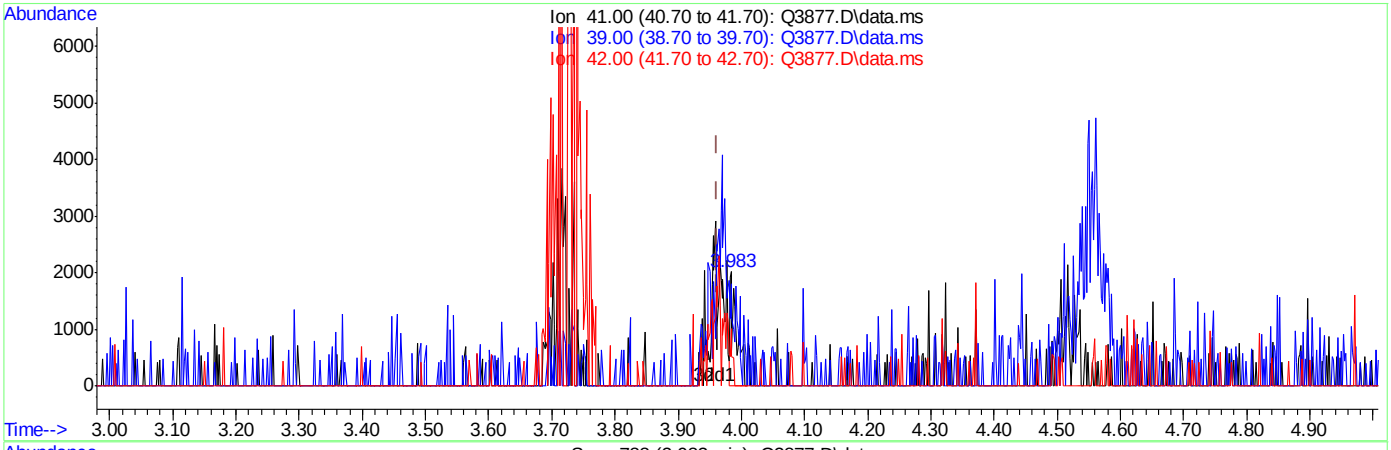


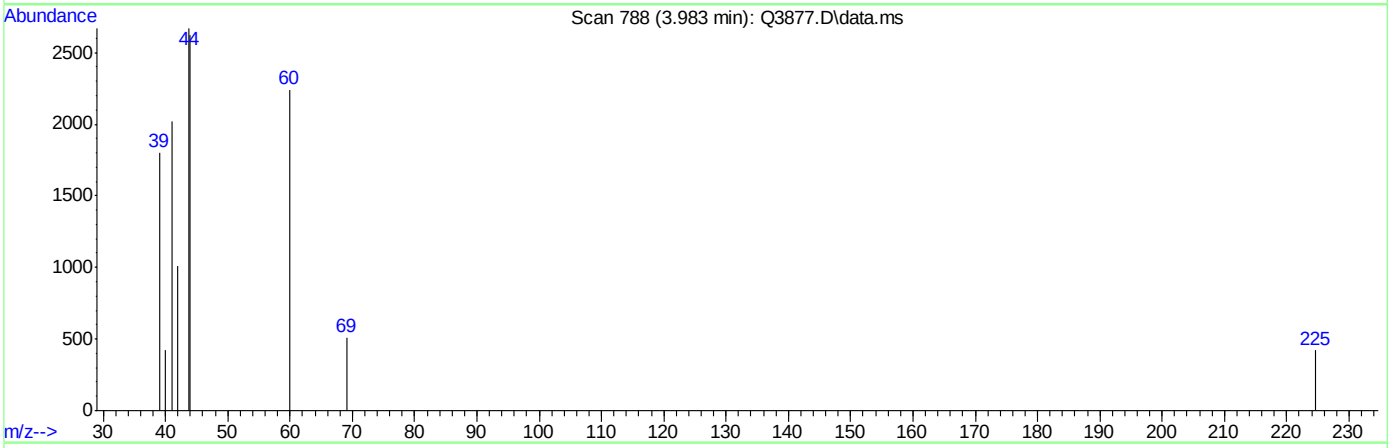
ACCUTEST Laboratories M65960

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

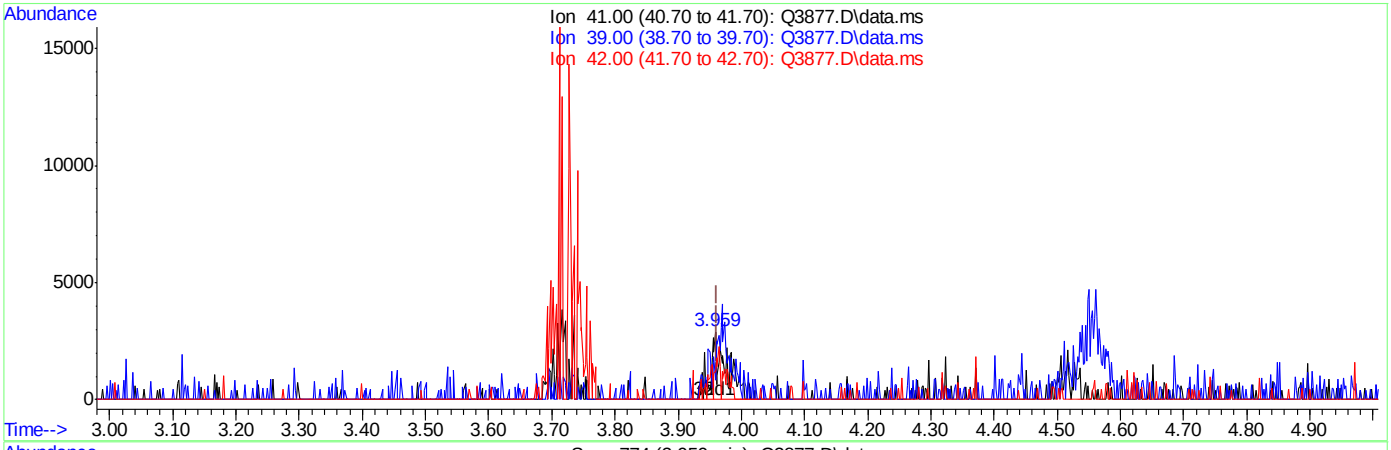
Ion	Exp%	Act%
41.00	100	100
39.00	72.50	89.48
42.00	67.80	50.20
0.00	0.00	0.00

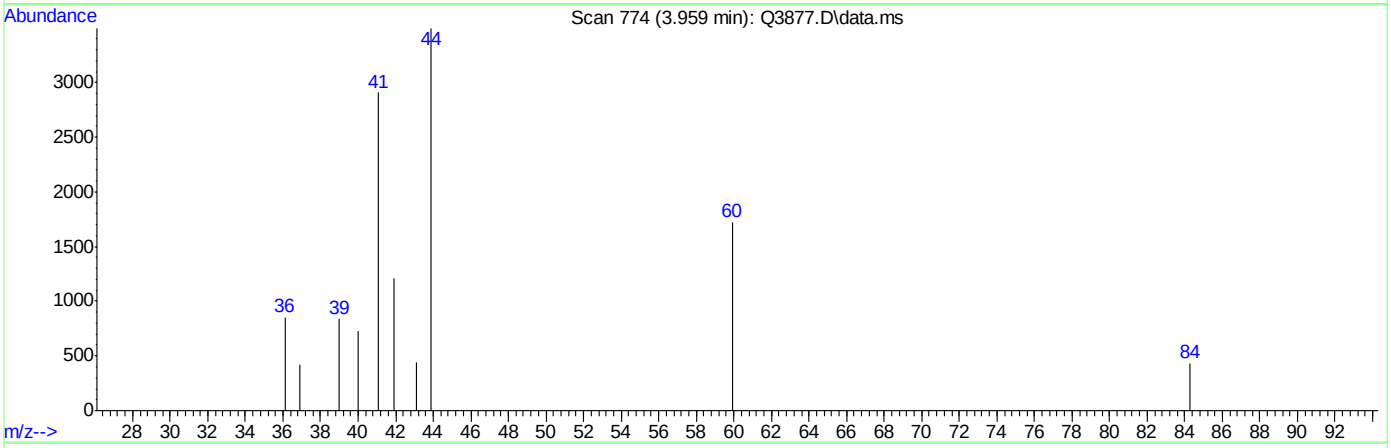
ACCUTEST Laboratories M65960

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

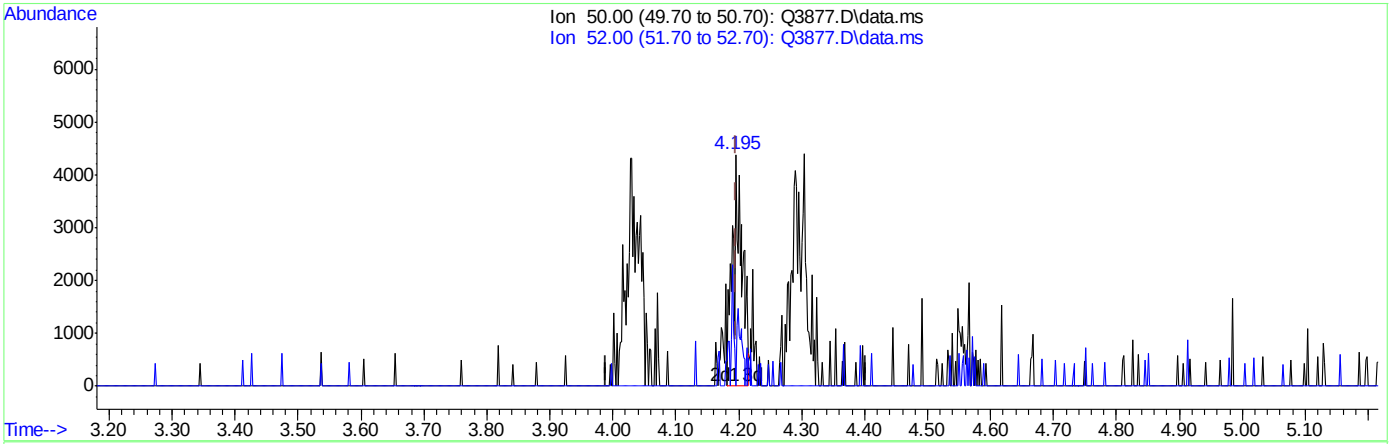
response 5220

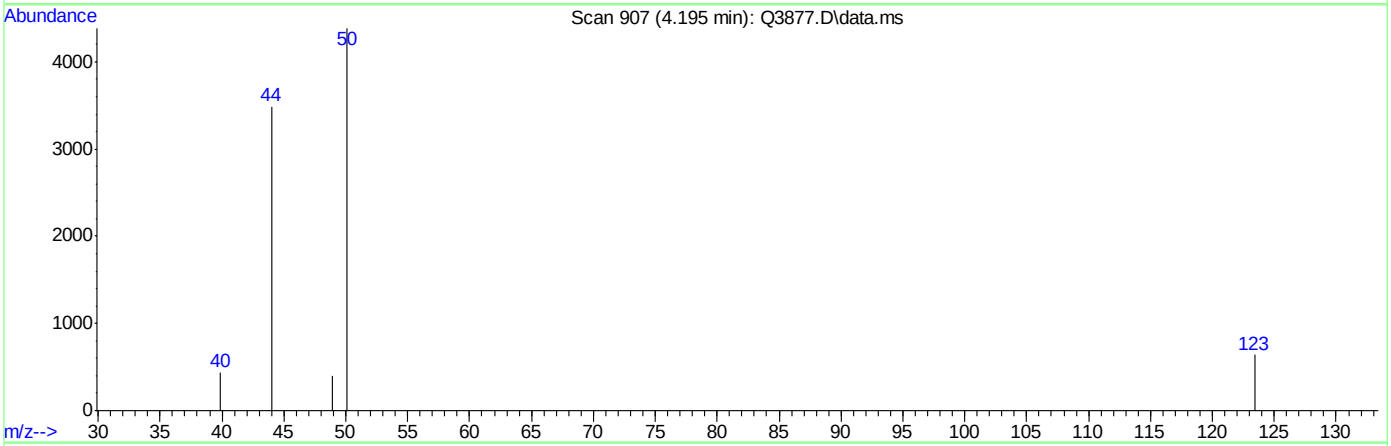
Ion	Exp%	Act%
41.00	100	100
39.00	72.50	28.81#
42.00	67.80	41.53#
0.00	0.00	0.00

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

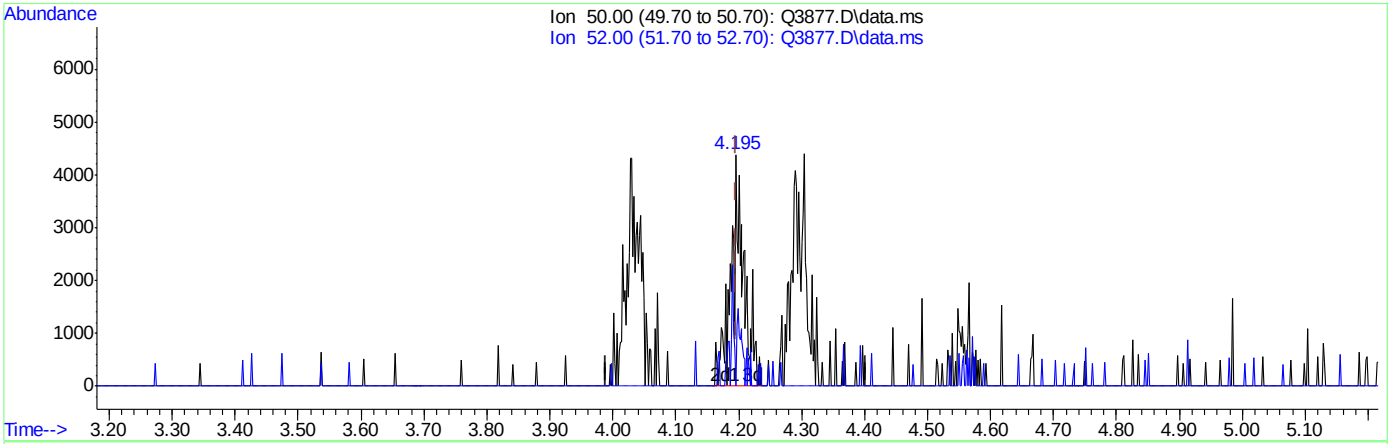
response 4832

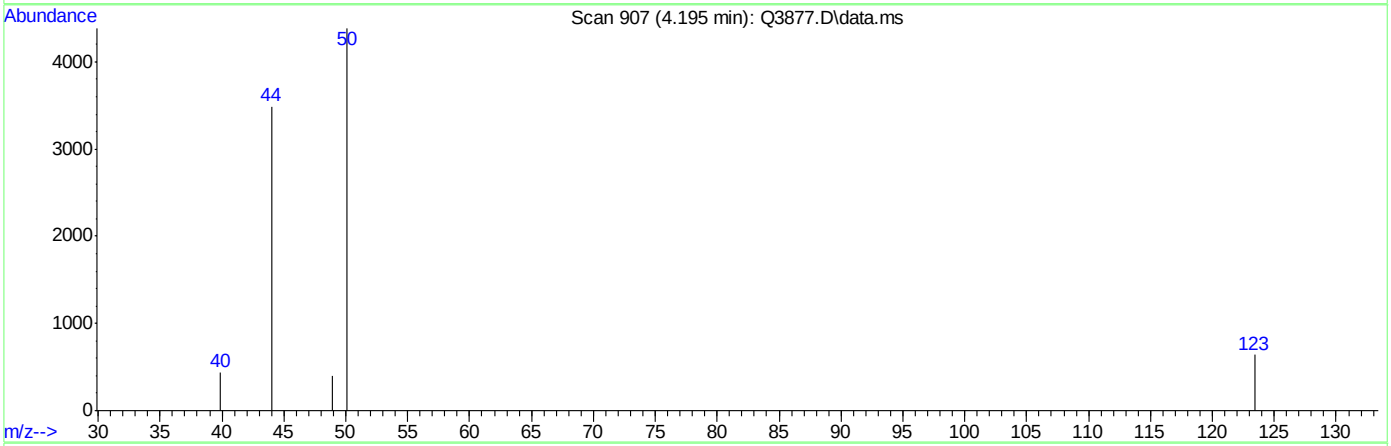
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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

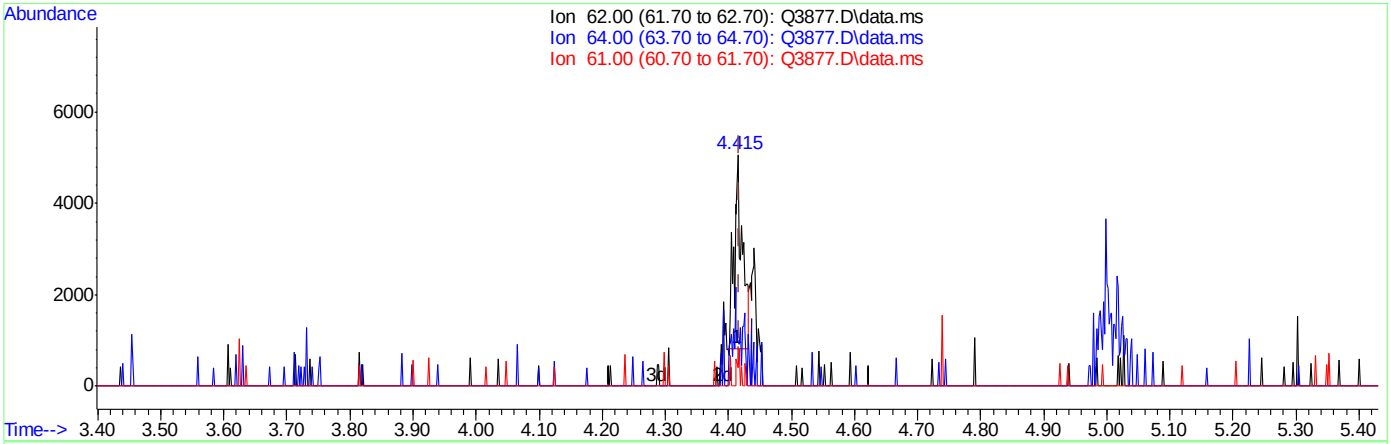
response 6381

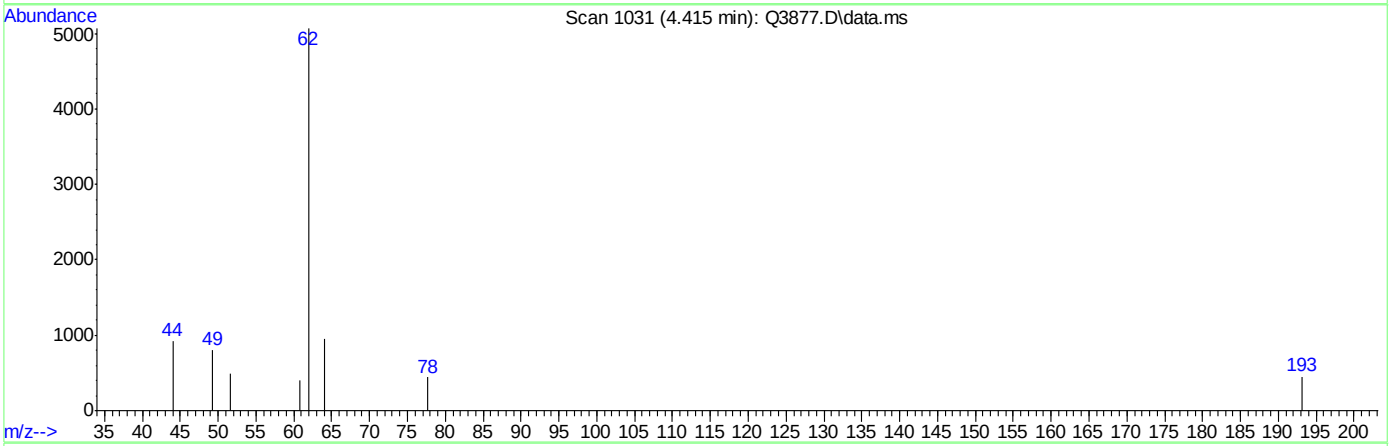
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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

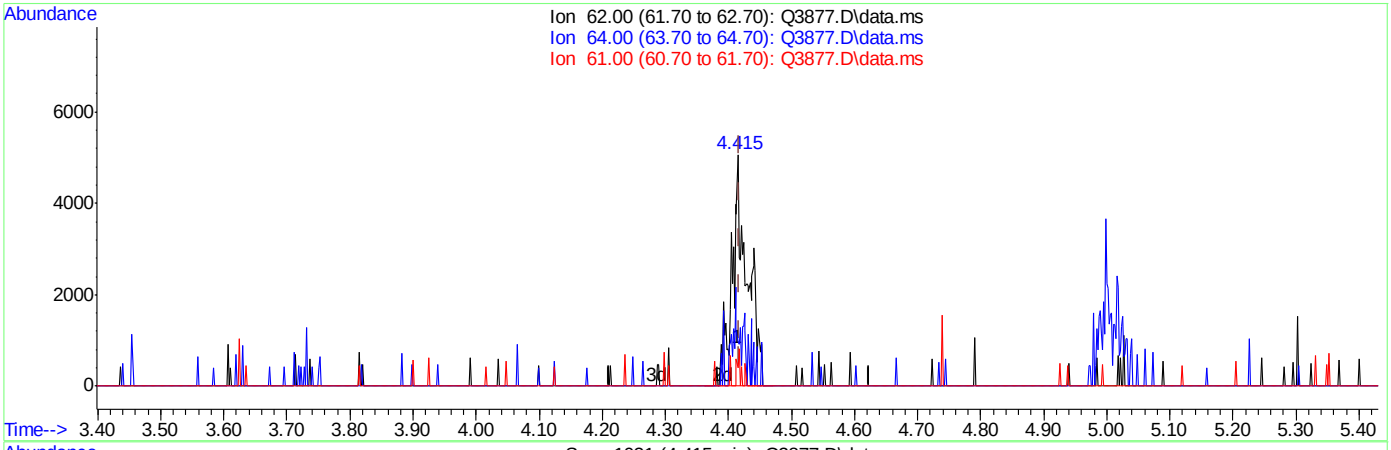
response 3702

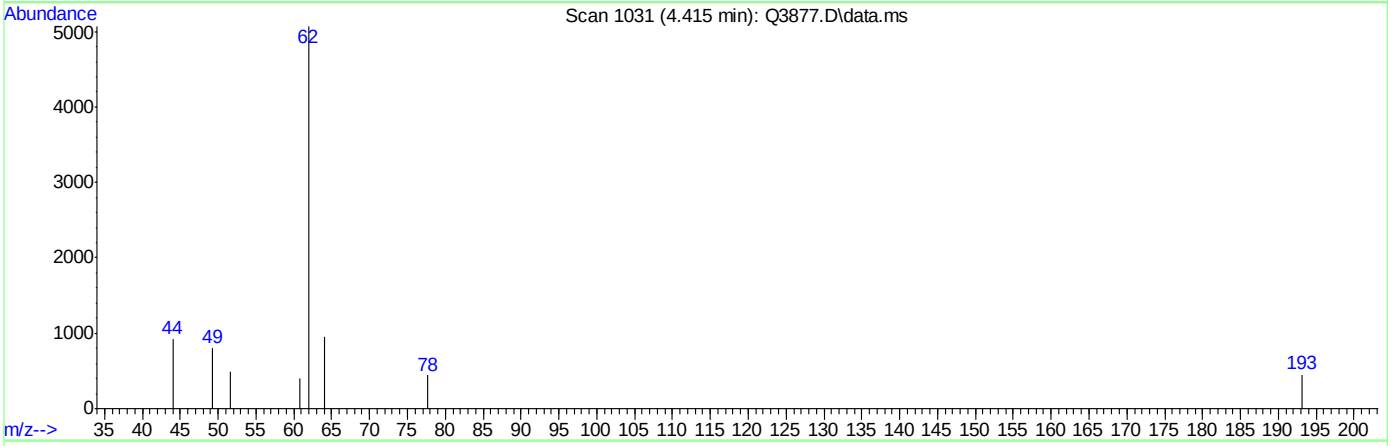
Ion	Exp%	Act%
62.00	100	100
64.00	30.40	36.39
61.00	8.60	6.40
0.00	0.00	0.00

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

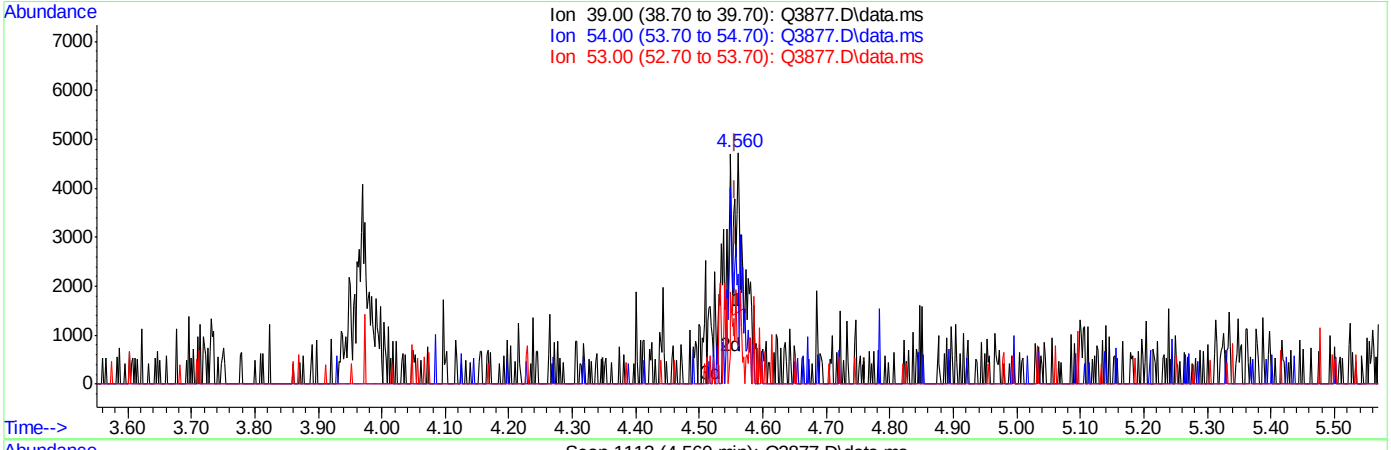
response 8468

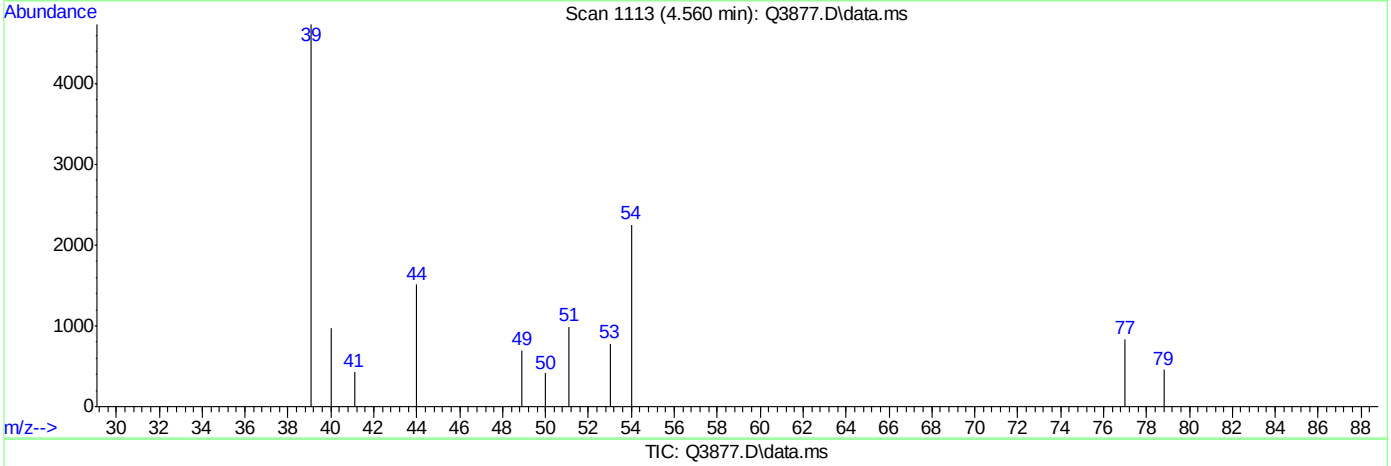
Ion	Exp%	Act%
62.00	100	100
64.00	30.40	15.91
61.00	8.60	2.80
0.00	0.00	0.00

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

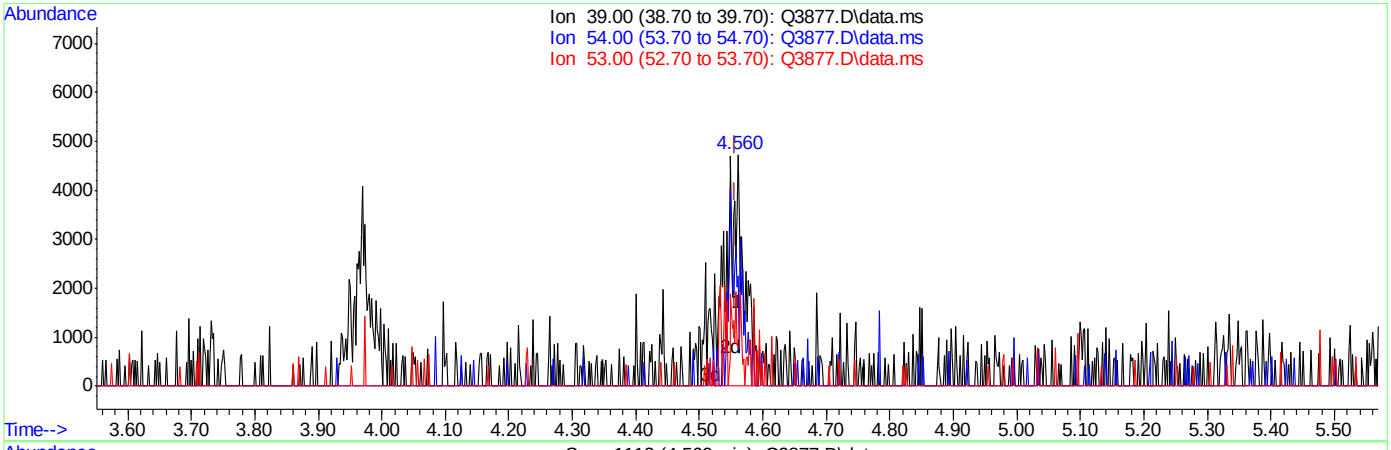
Ion	Exp%	Act%
39.00	100	100
54.00	111.20	0.00#
53.00	75.80	0.00#
0.00	0.00	0.00

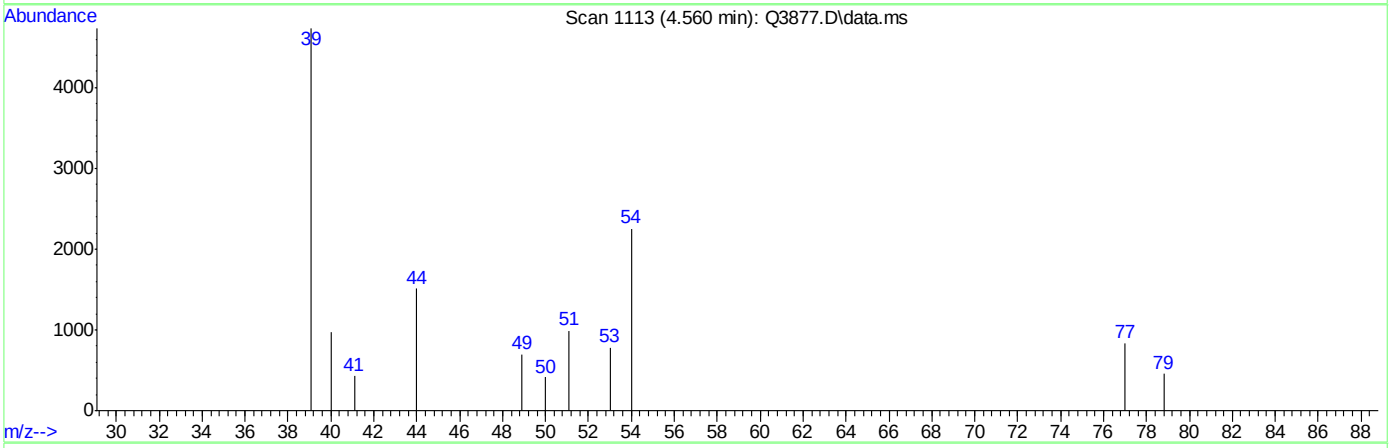
ACCUTEST Laboratories M65960

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

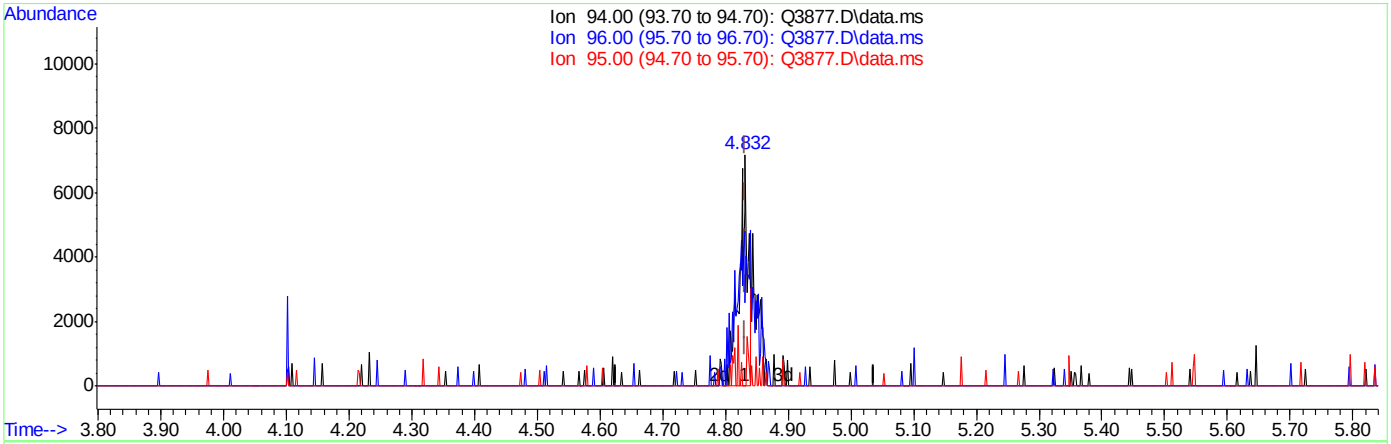
Ion	Exp%	Act%
39.00	100	100
54.00	111.20	0.00#
53.00	75.80	0.00#
0.00	0.00	0.00

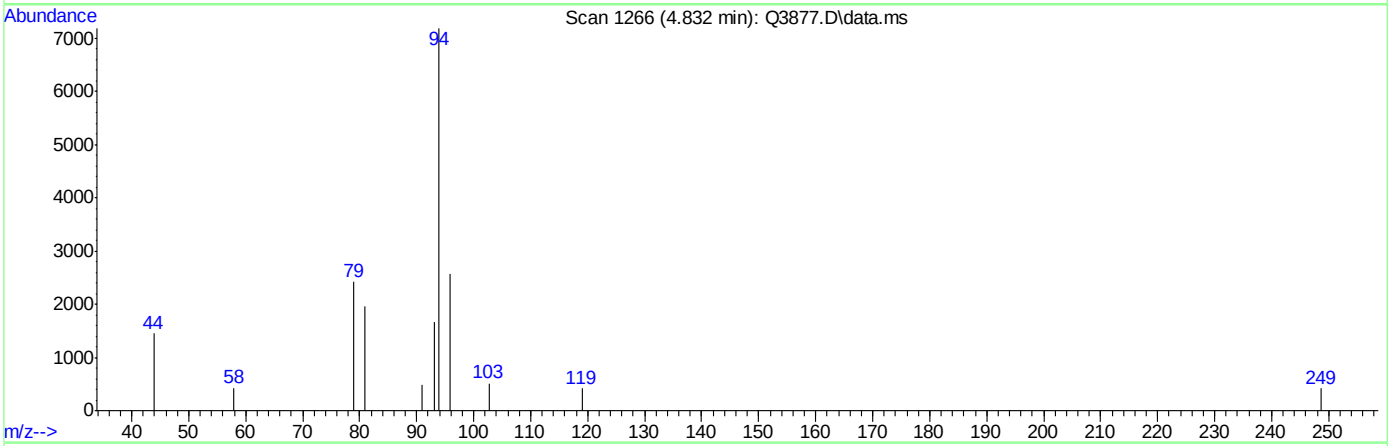
ACCUTEST Laboratories M65960

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

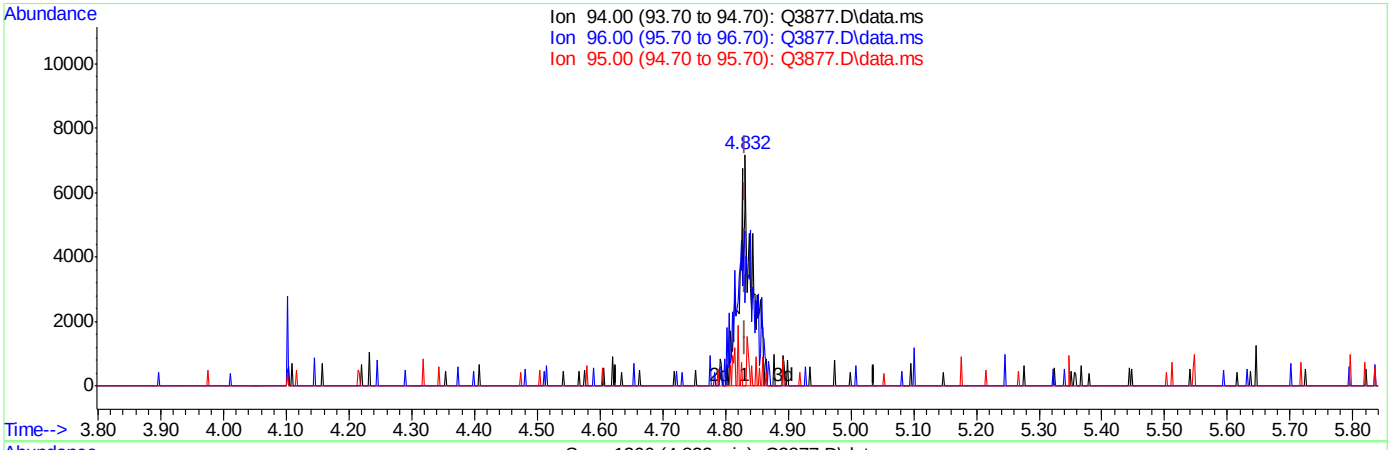
response 7262

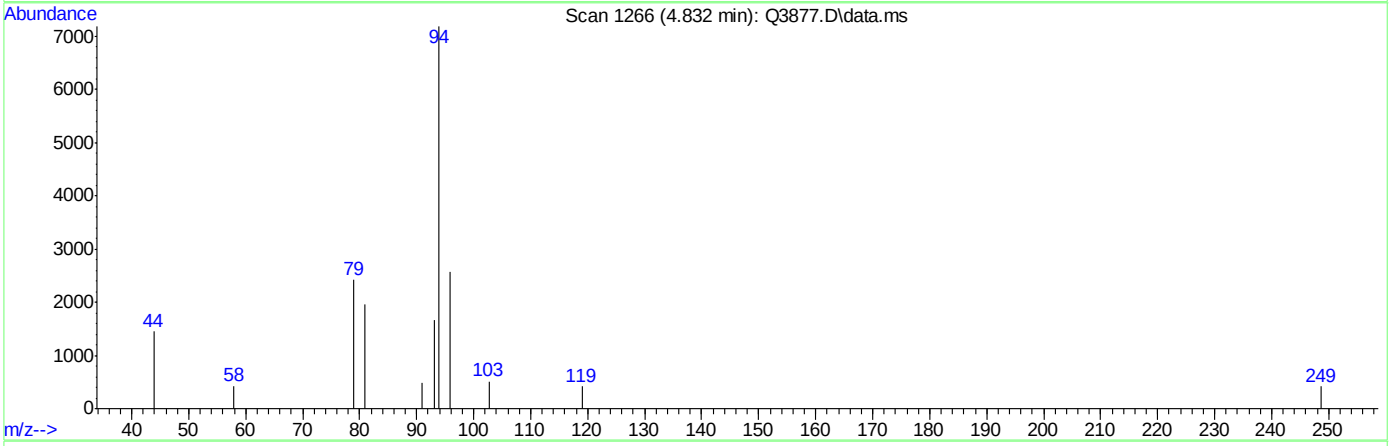
Ion	Exp%	Act%
94.00	100	100
96.00	93.00	0.00#
95.00	13.50	5.62
0.00	0.00	0.00

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

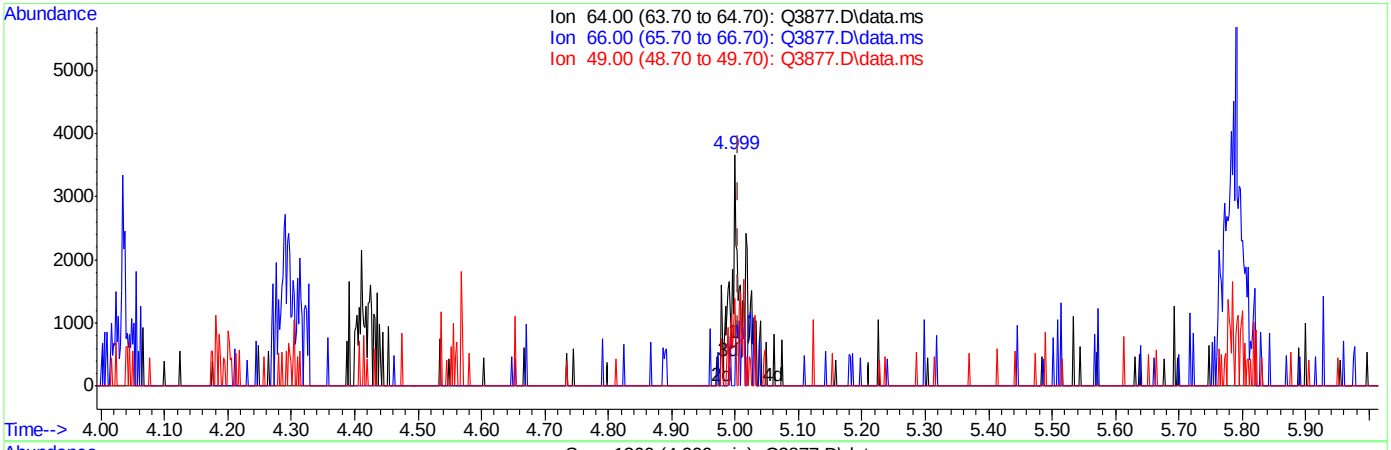
response 10526

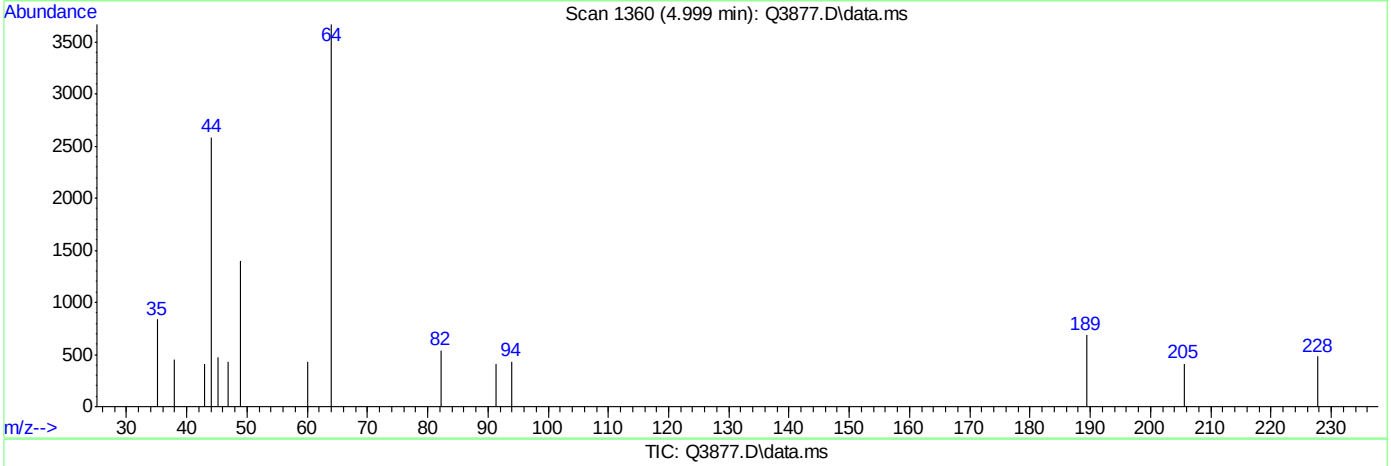
Ion	Exp%	Act%
94.00	100	100
96.00	93.00	0.00#
95.00	13.50	3.88
0.00	0.00	0.00

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

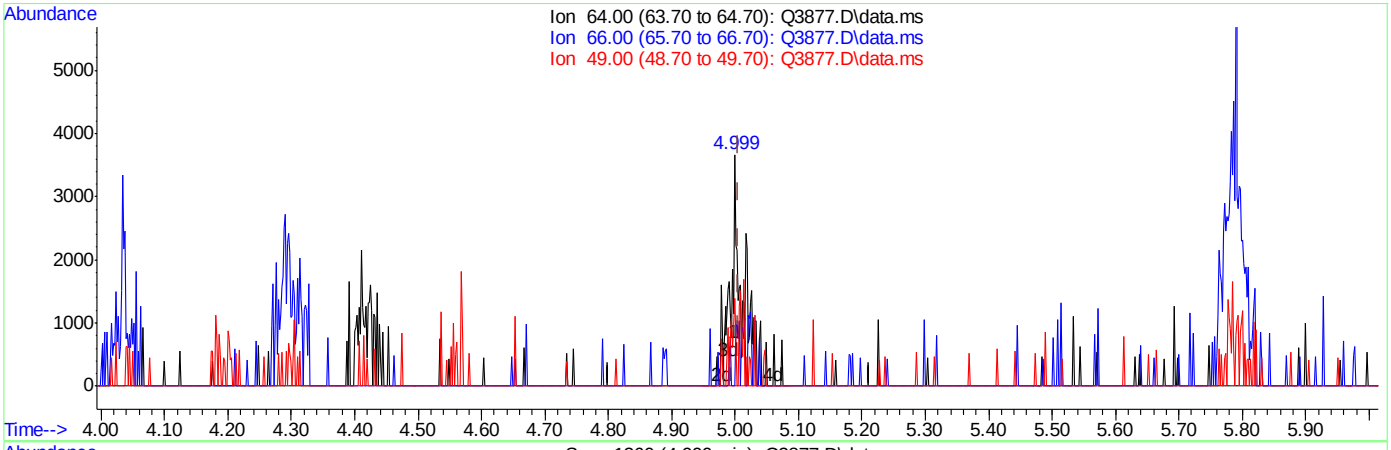
response 1213

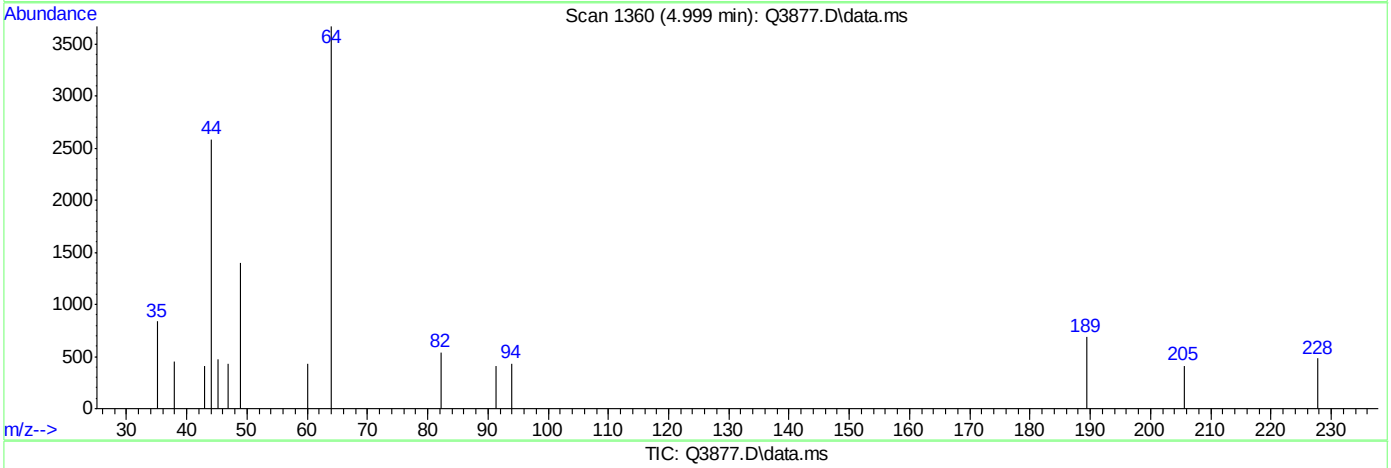
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	32.48
49.00	36.50	48.15
0.00	0.00	0.00

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

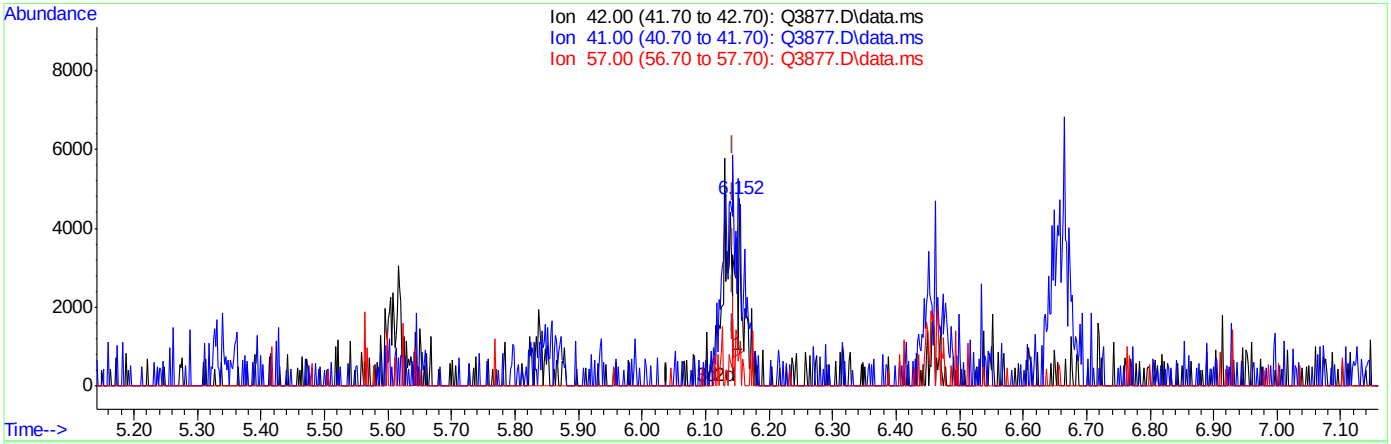
response 4922

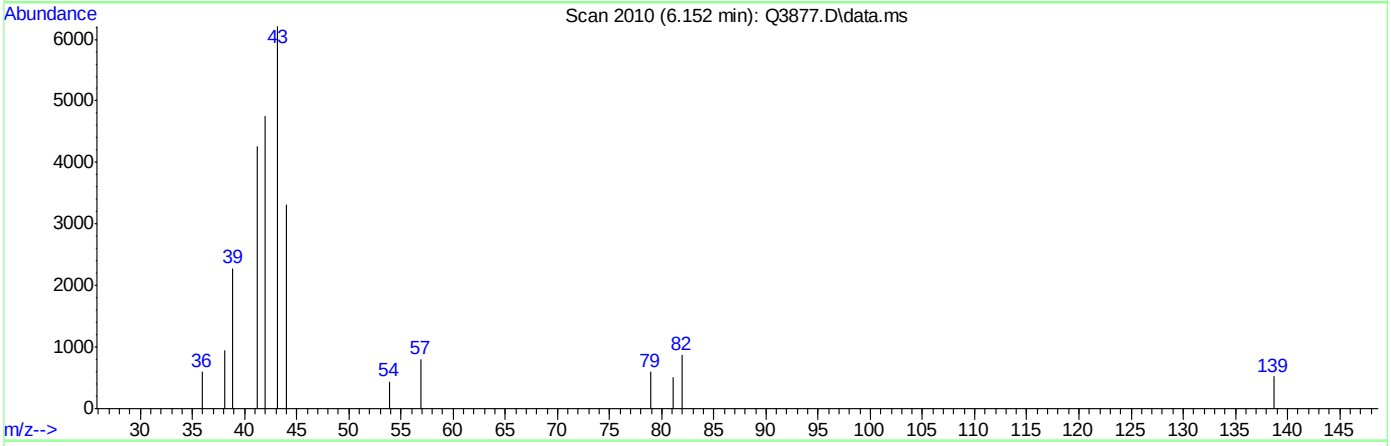
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	8.00#
49.00	36.50	11.87#
0.00	0.00	0.00

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

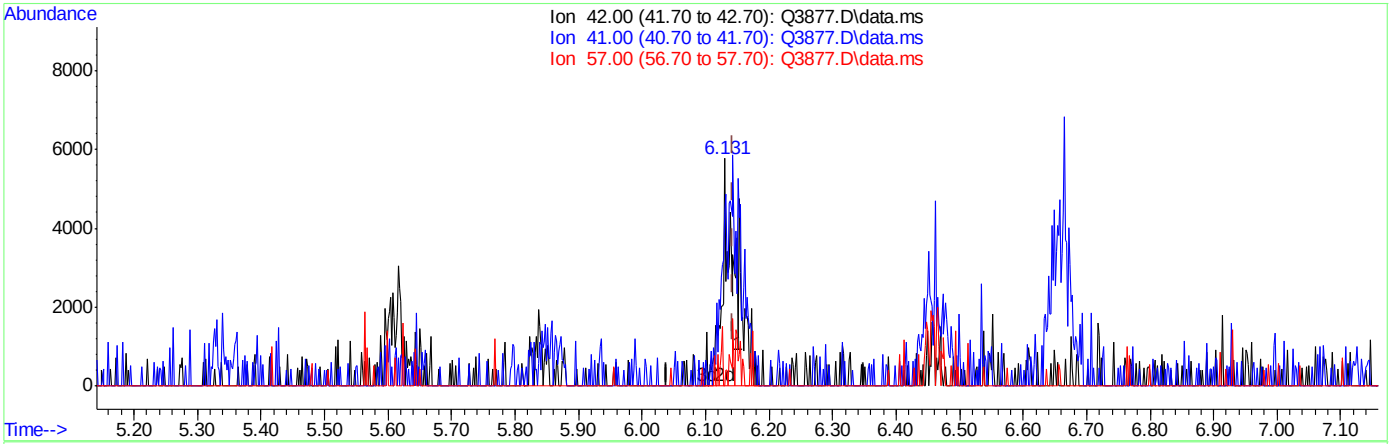
response 1896

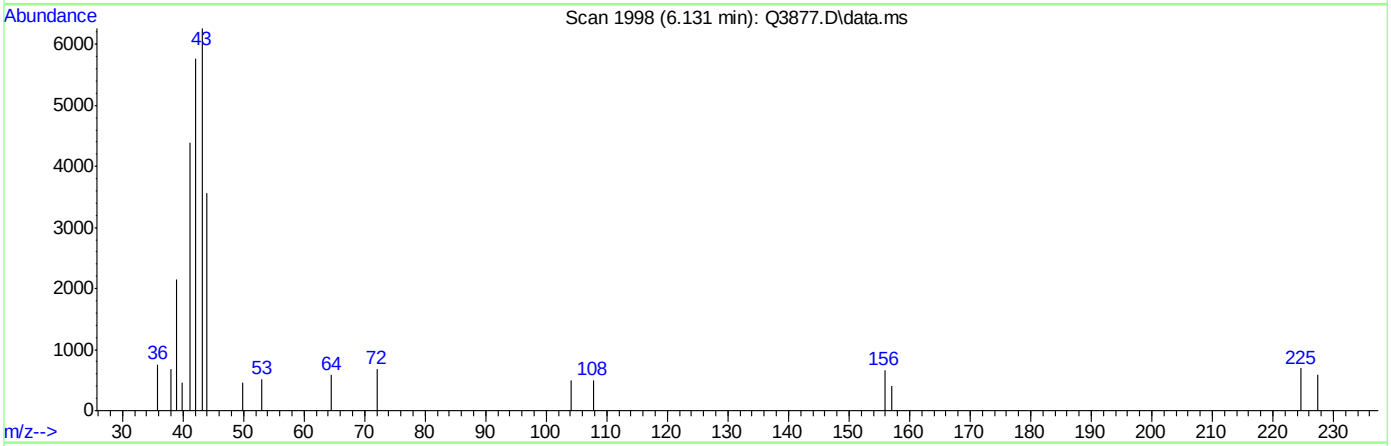
Ion	Exp%	Act%
42.00	100	100
41.00	94.80	366.77#
57.00	28.90	36.71
0.00	0.00	0.00

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

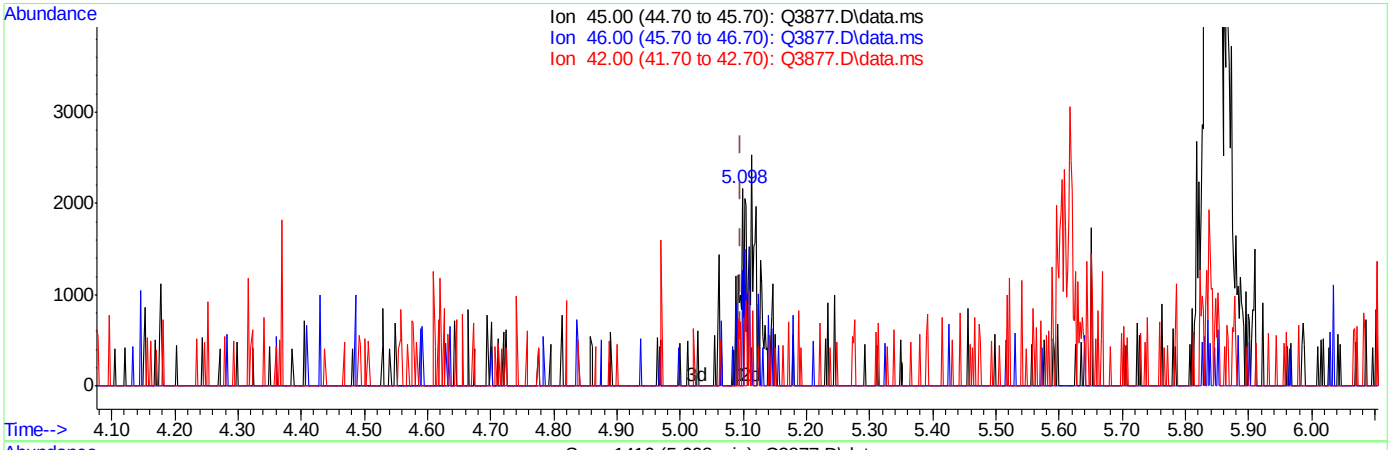
response 8490

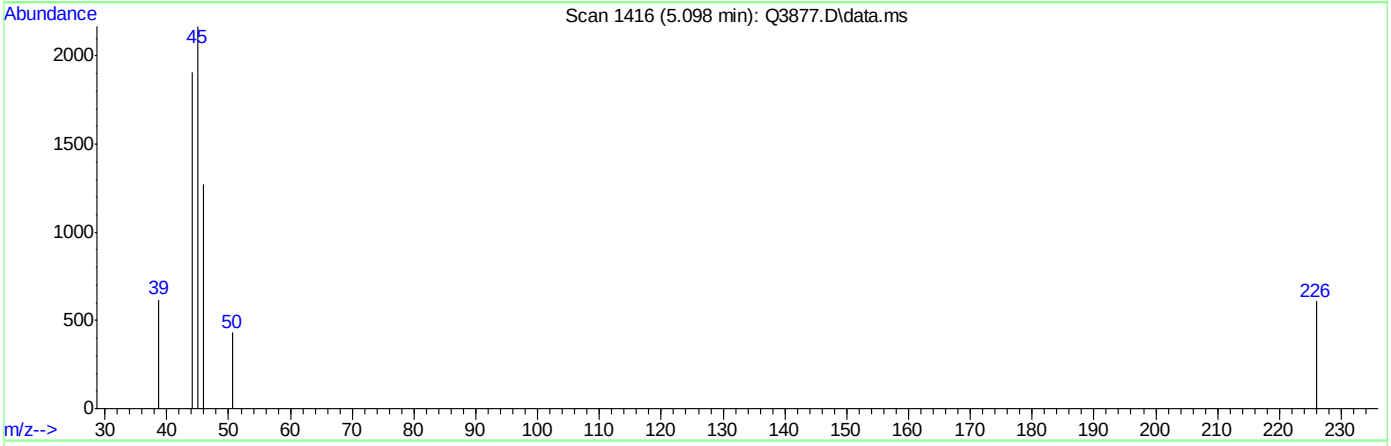
Ion	Exp%	Act%
42.00	100	100
41.00	94.80	81.91
57.00	28.90	8.20#
0.00	0.00	0.00

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

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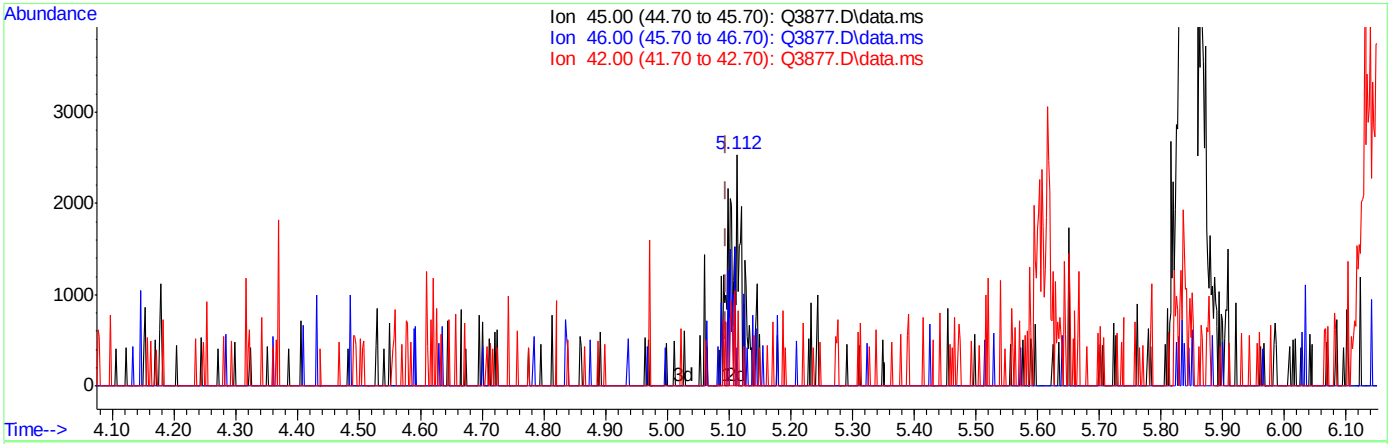
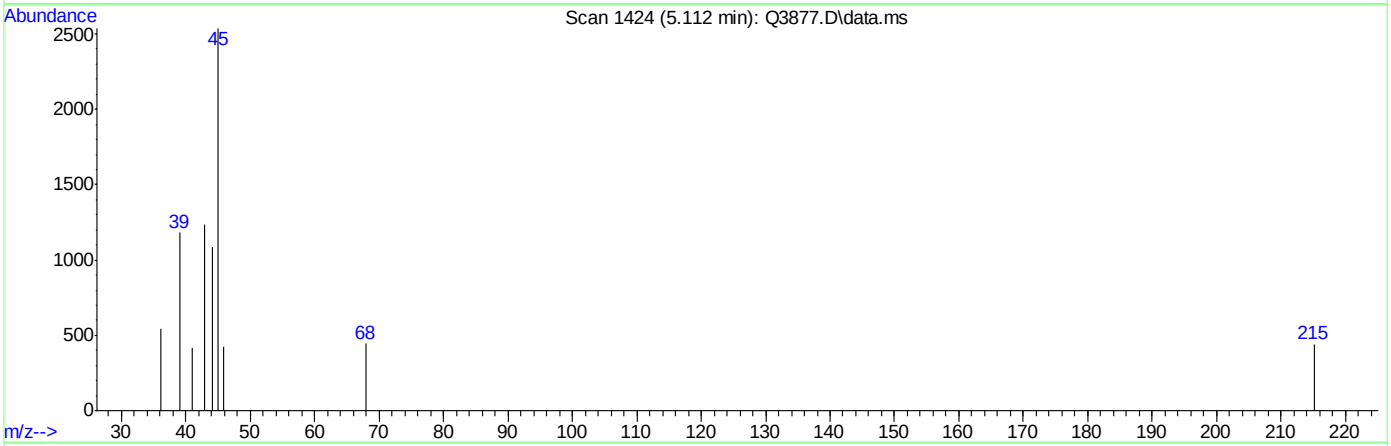
Quantitation Report (Qedit)

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)

5.112min (+0.016) 0.65PPBV m

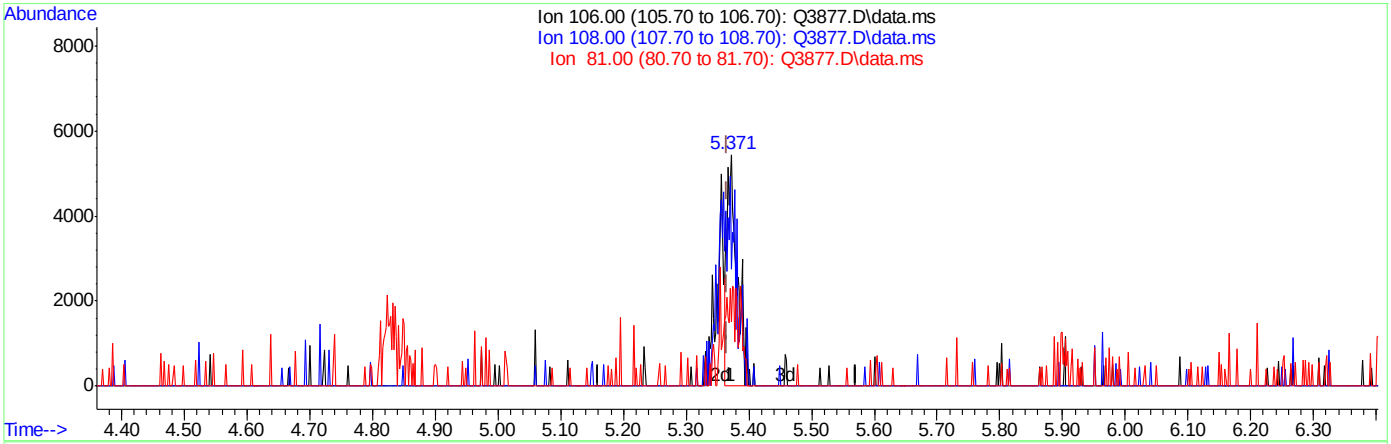
response 3645

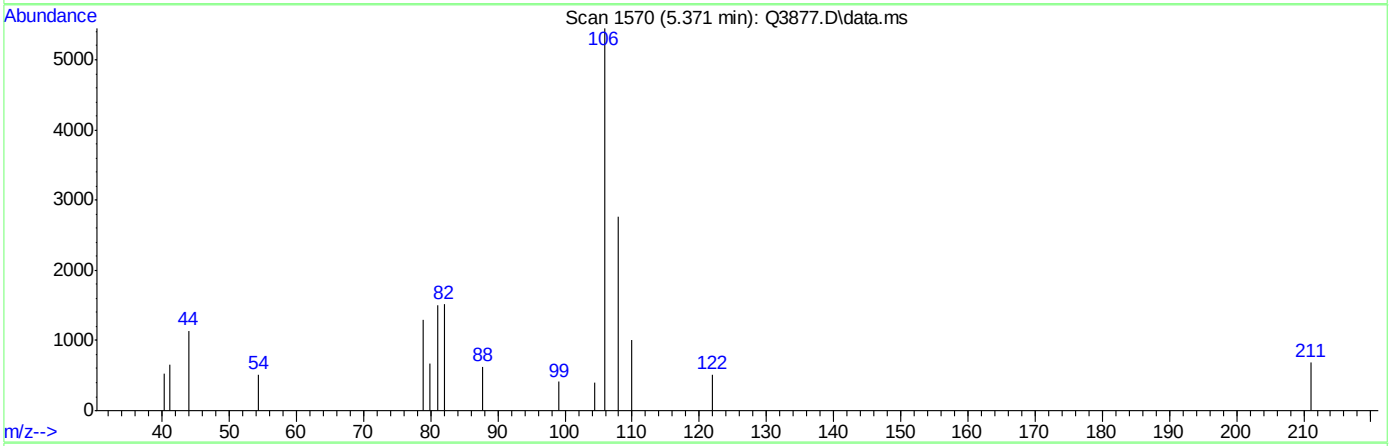
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	6.75#
42.00	8.40	4.20
0.00	0.00	0.00

Quantitation Report (Qedit)

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

(17) BROMOETHENE (m)

5.371min (+0.005) 0.31PPBV

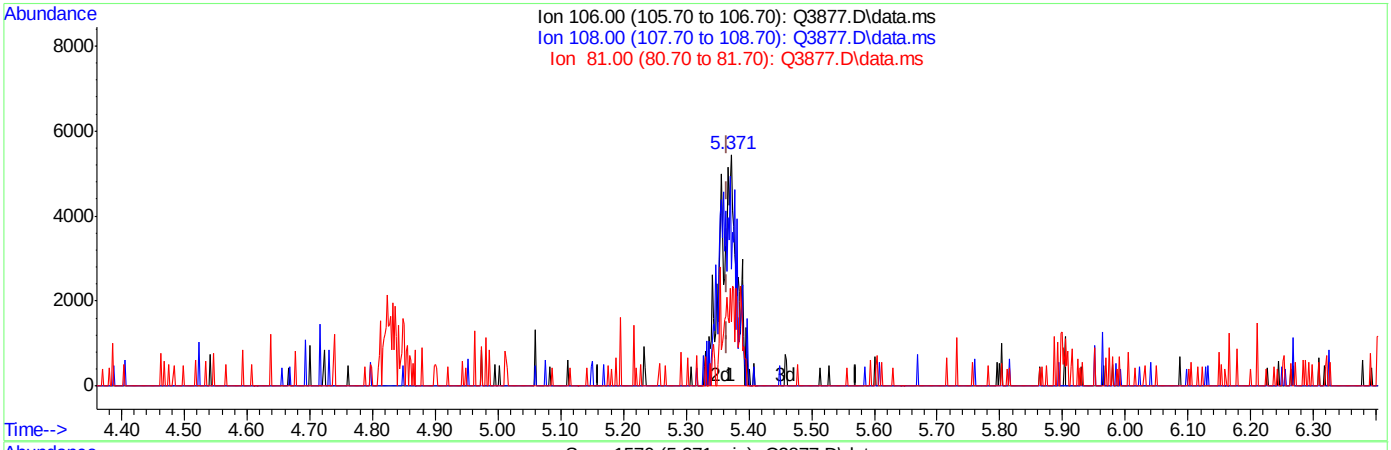
response 6336

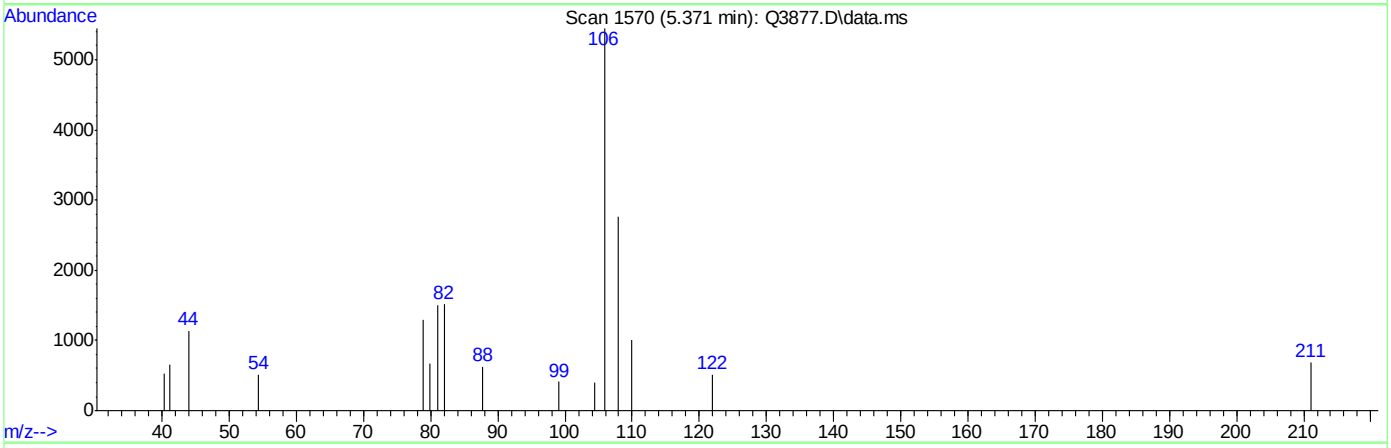
Ion	Exp%	Act%
106.00	100	100
108.00	94.00	71.80#
81.00	16.80	11.47#
0.00	0.00	0.00

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

(17) BROMOETHENE (m)

5.371min (+0.005) 0.50PPBV m

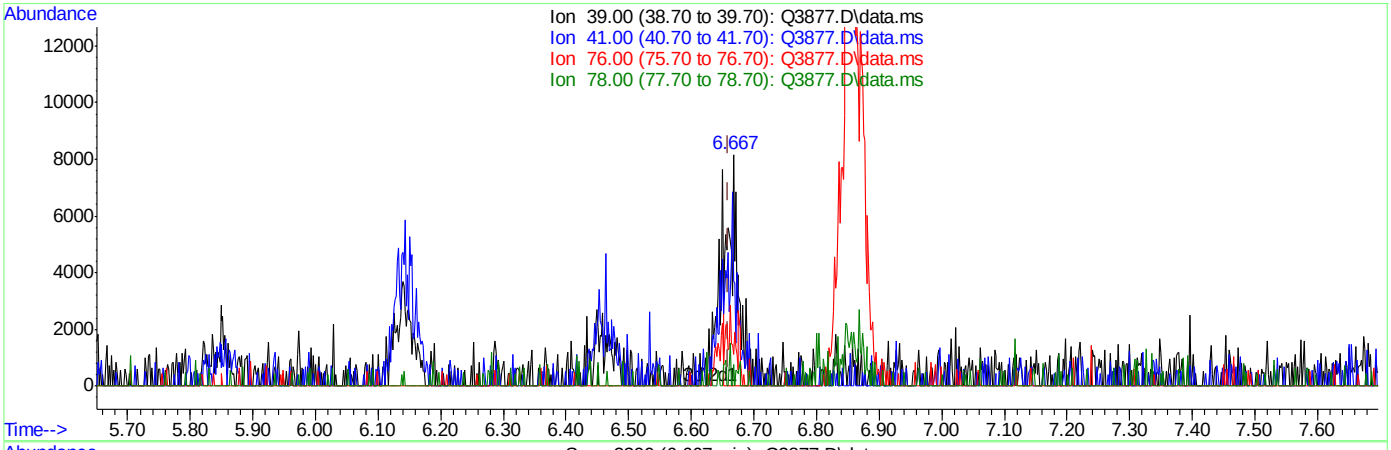
response 10092

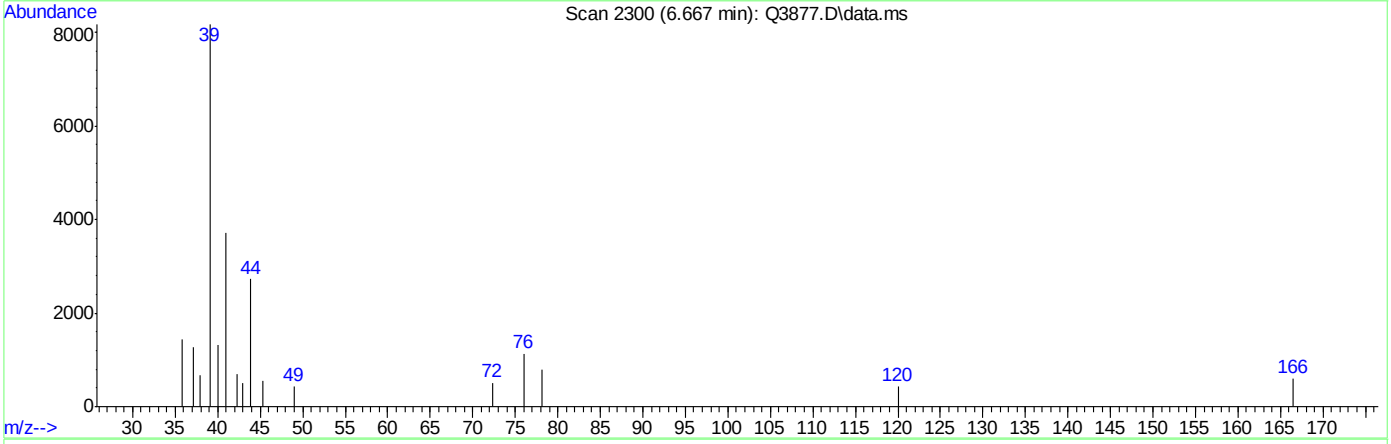
Ion	Exp%	Act%
106.00	100	100
108.00	94.00	45.08#
81.00	16.80	7.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

(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

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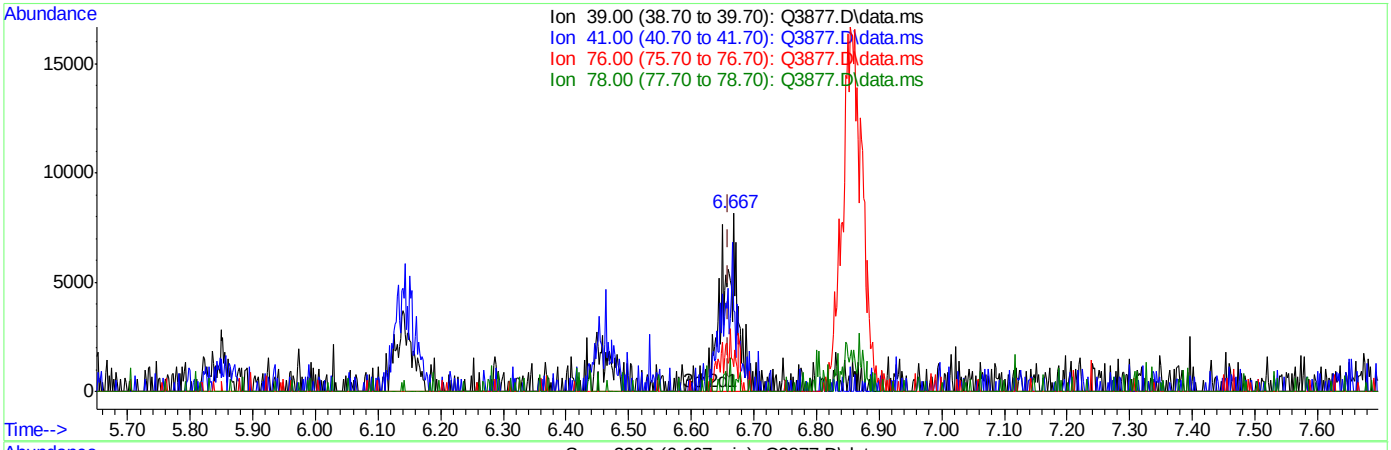
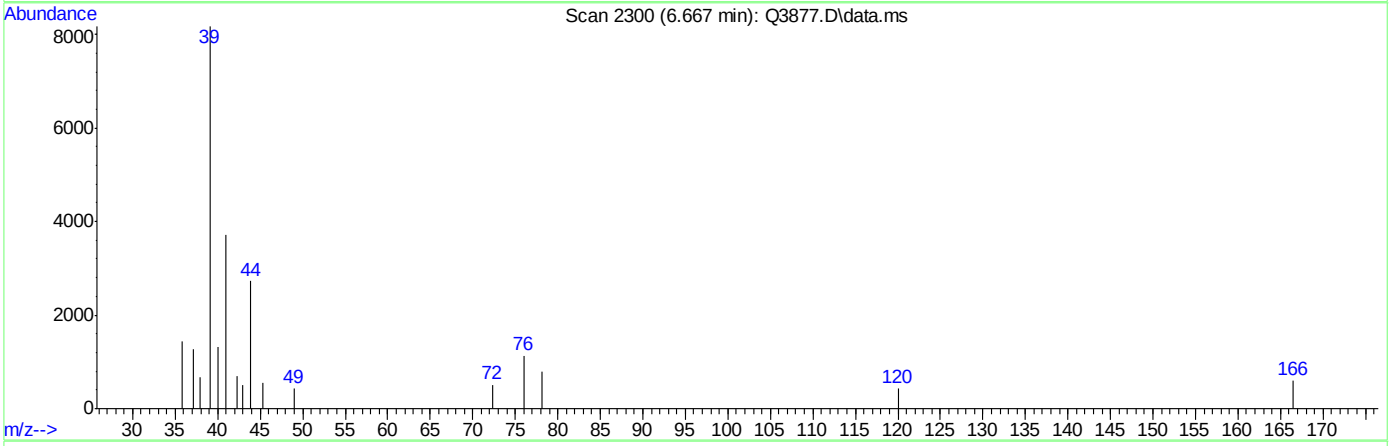
Quantitation Report (Qedit)

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

(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

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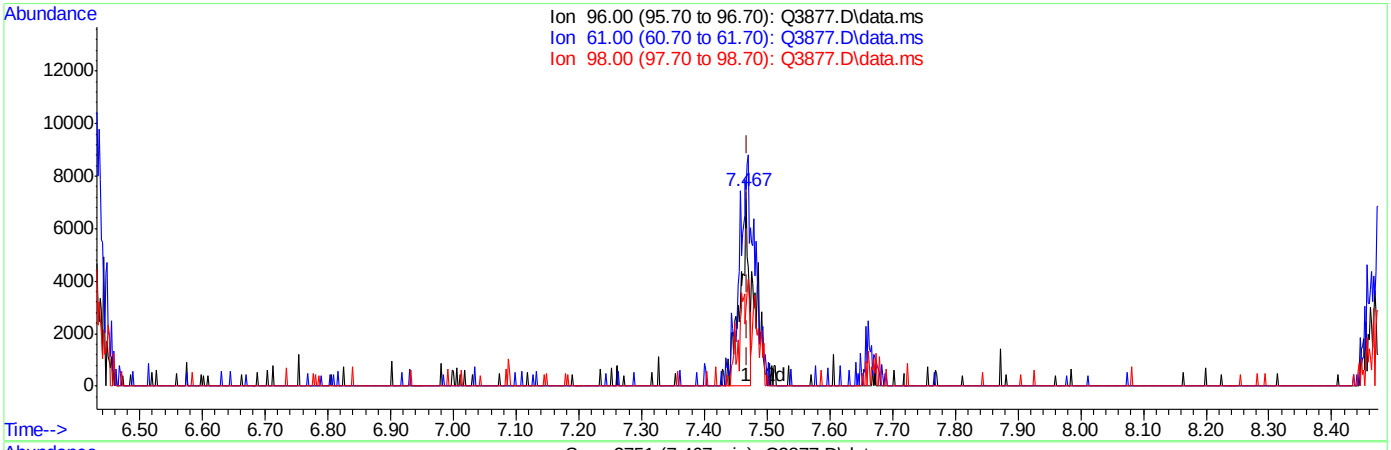
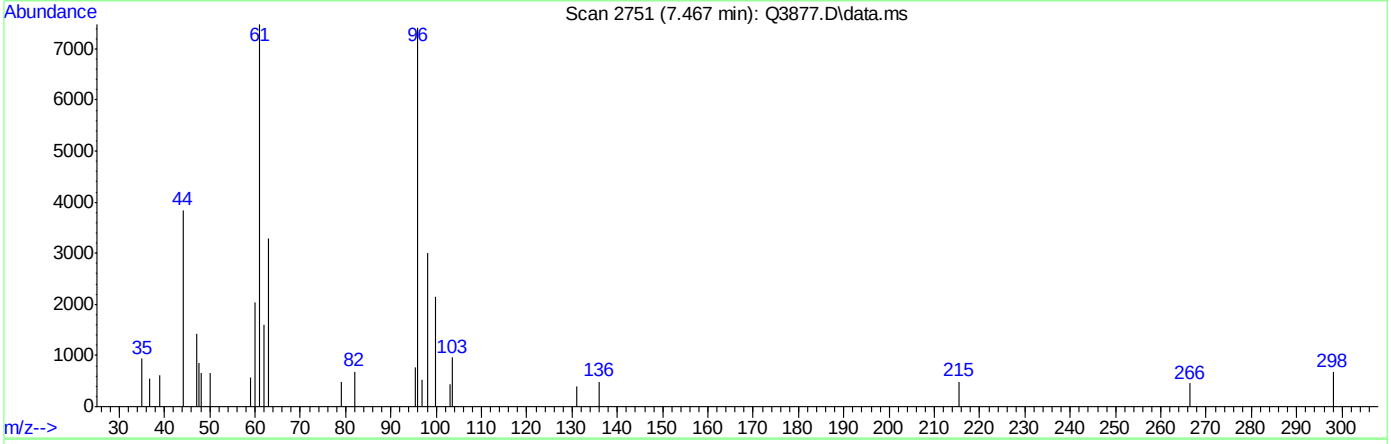
Quantitation Report (Qedit)

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

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

7.467min (-0.002) 0.32PPBV

response 7204

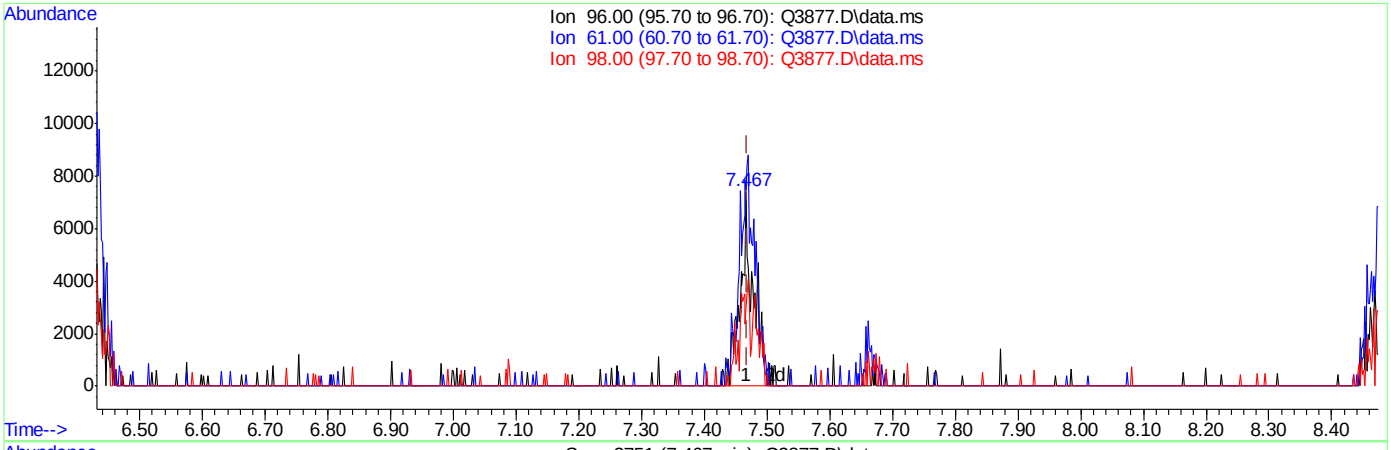
Ion	Exp%	Act%
96.00	100	100
61.00	181.00	215.13#
98.00	63.30	63.59
0.00	0.00	0.00

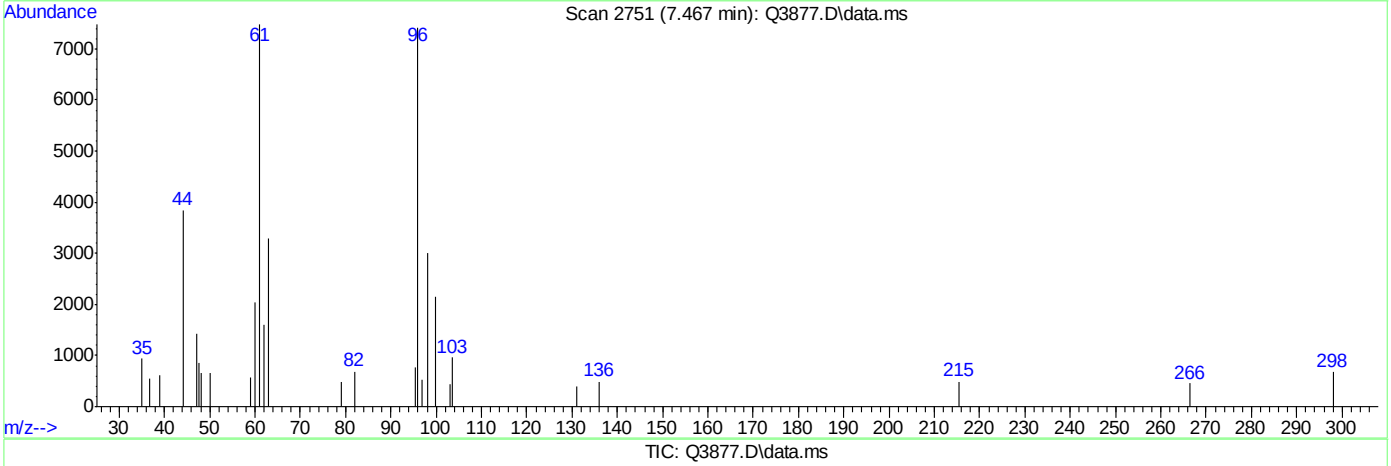
ACCUTEST Laboratories M65960

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

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

7.467min (-0.002) 0.50PPBV m

response 11377

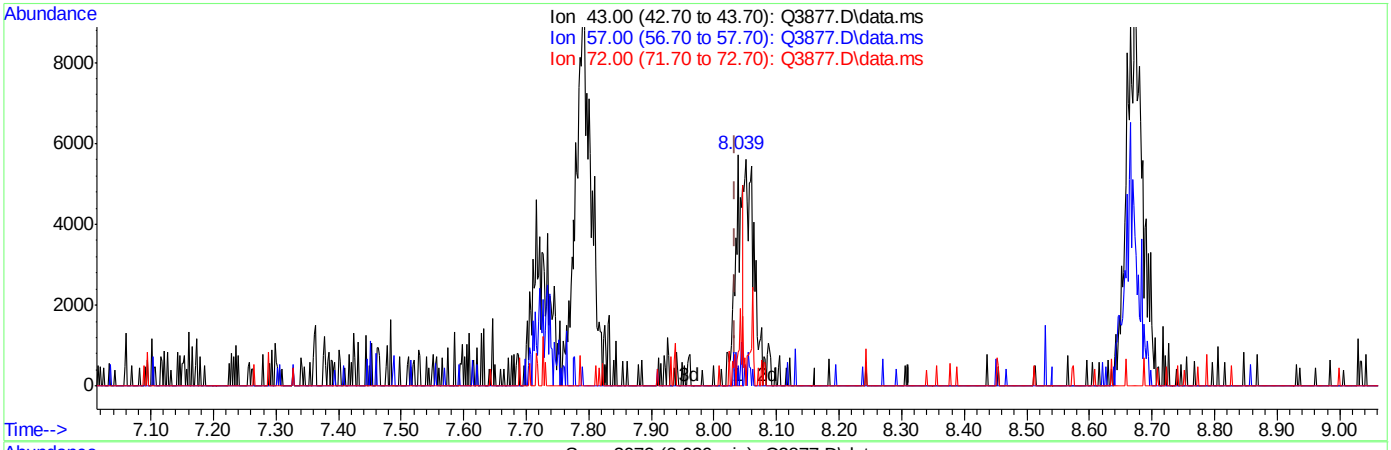
Ion	Exp%	Act%
96.00	100	100
61.00	181.00	136.22#
98.00	63.30	40.27#
0.00	0.00	0.00

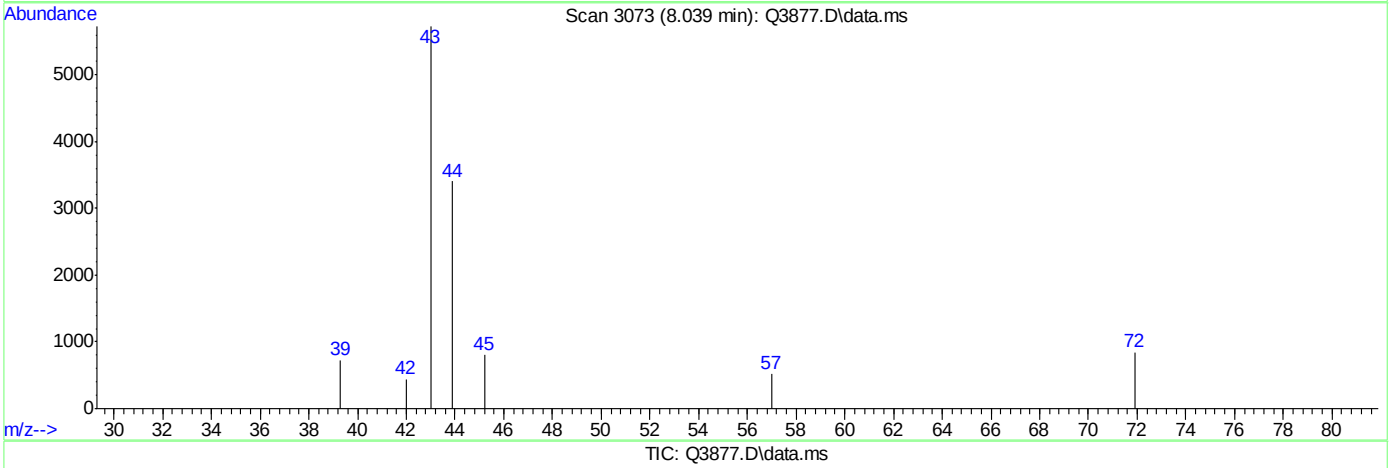
ACCUTEST Laboratories M65960

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

(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

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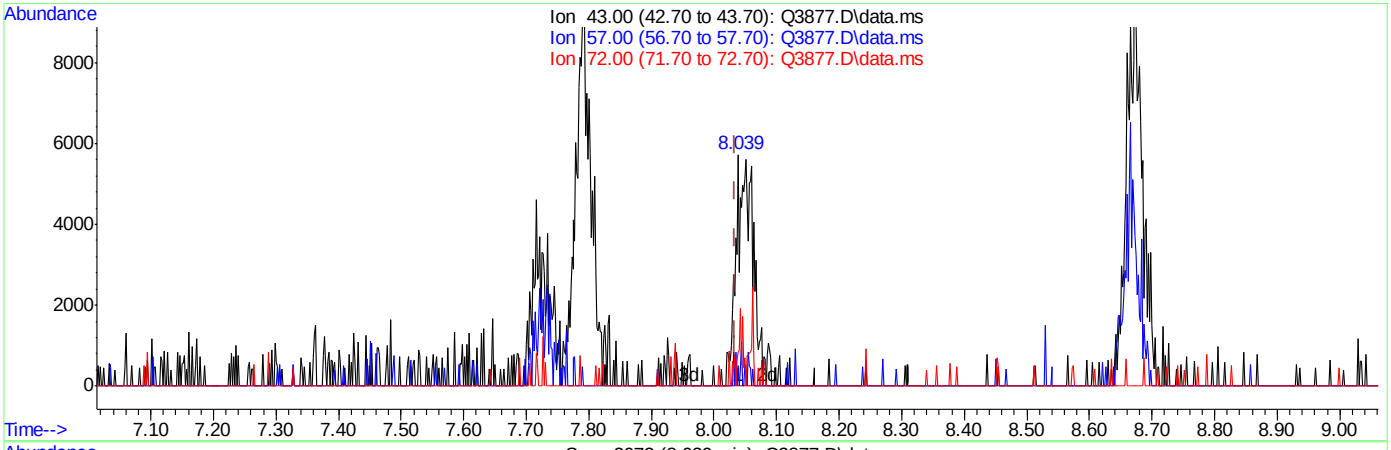
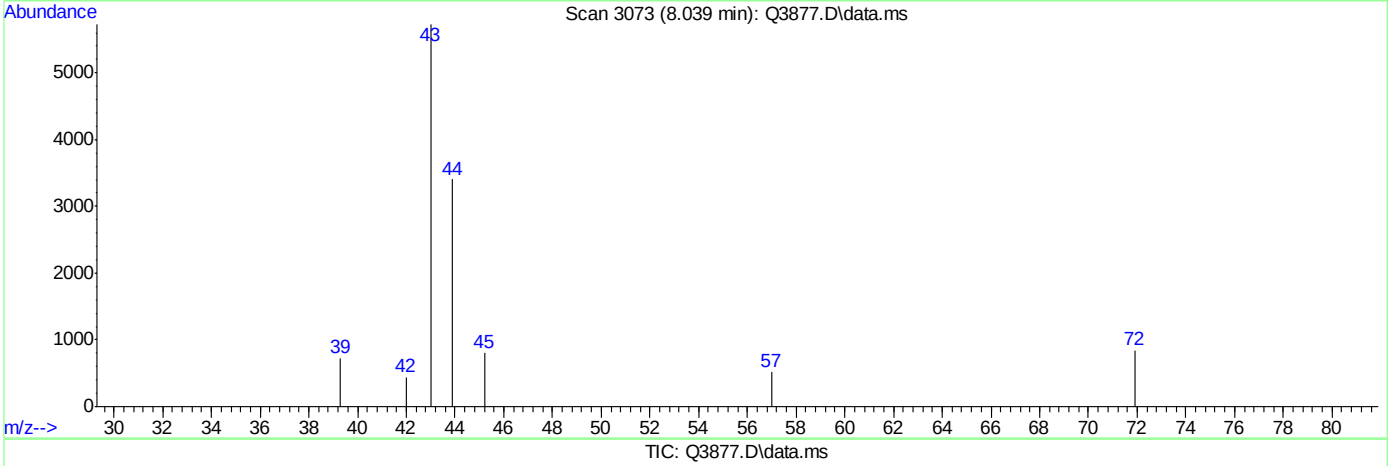
Quantitation Report (Qedit)

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

(28) METHYL ETHYL KETONE (m)

8.039min (+0.005) 0.52PPBV m

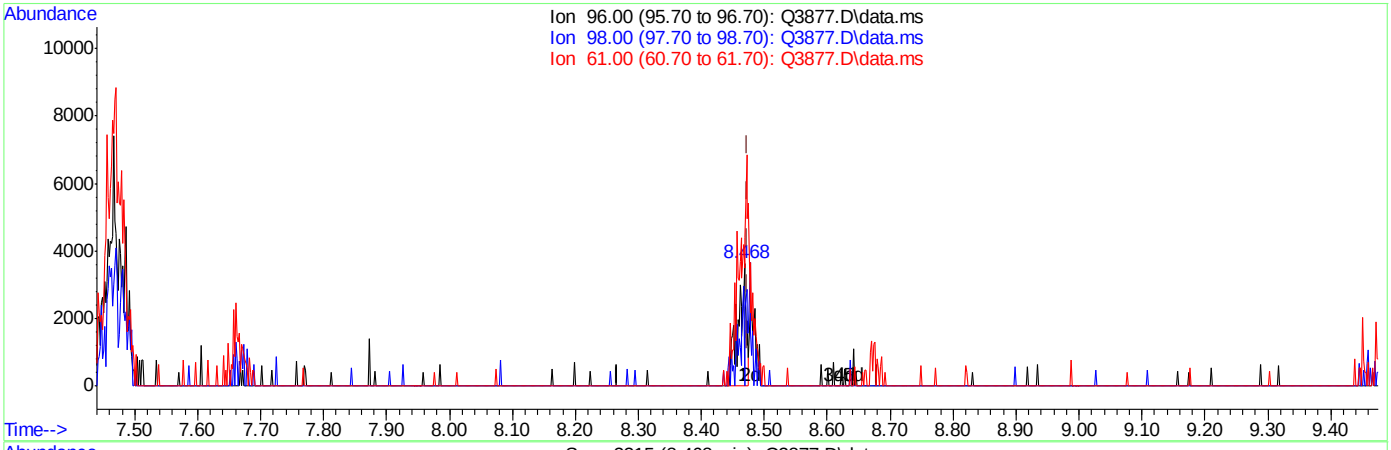
response 11210

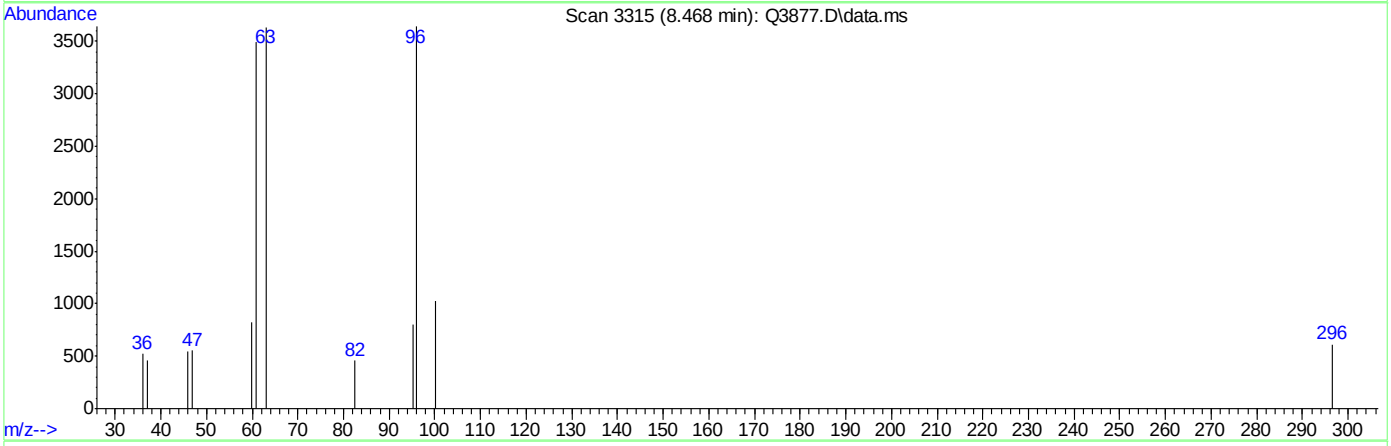
Ion	Exp%	Act%
43.00	100	100
57.00	7.70	9.05
72.00	14.60	14.72
0.00	0.00	0.00

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

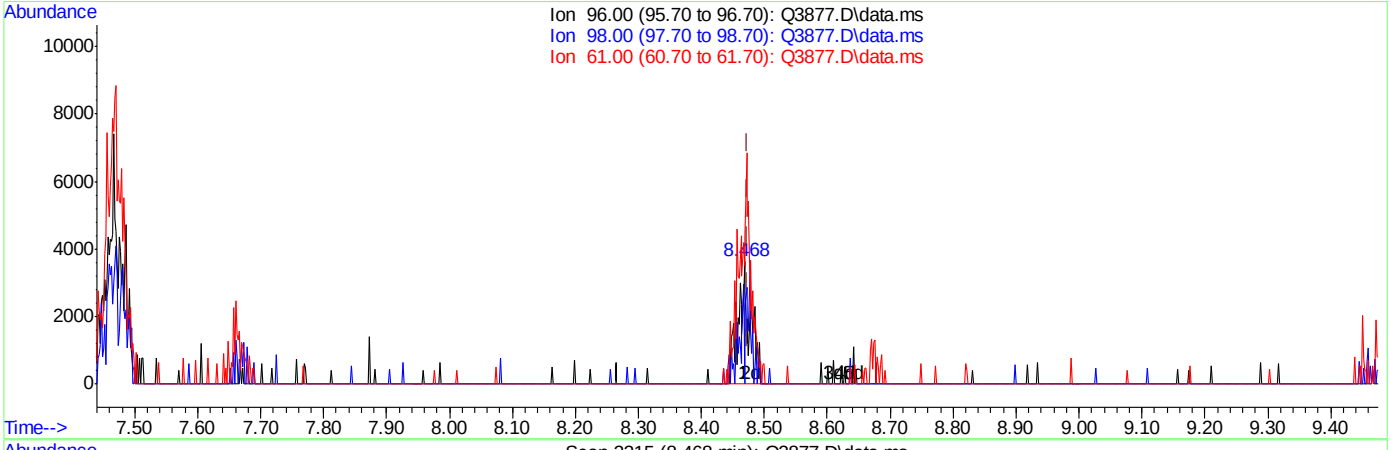
response 3479

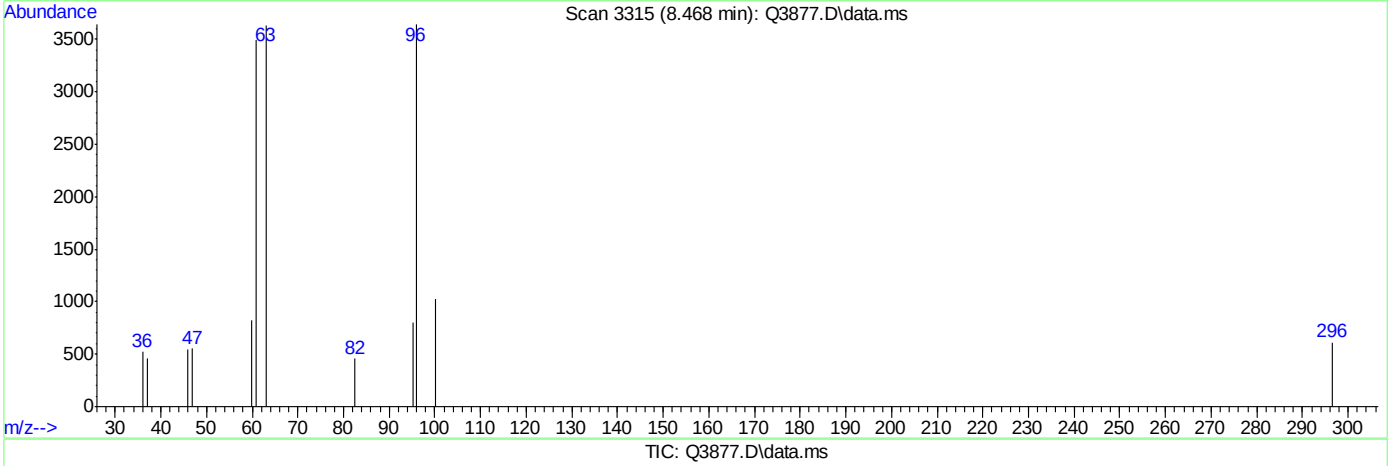
Ion	Exp%	Act%
96.00	100	100
98.00	63.40	0.00#
61.00	186.90	247.97#
0.00	0.00	0.00

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) 0.50PPBV m

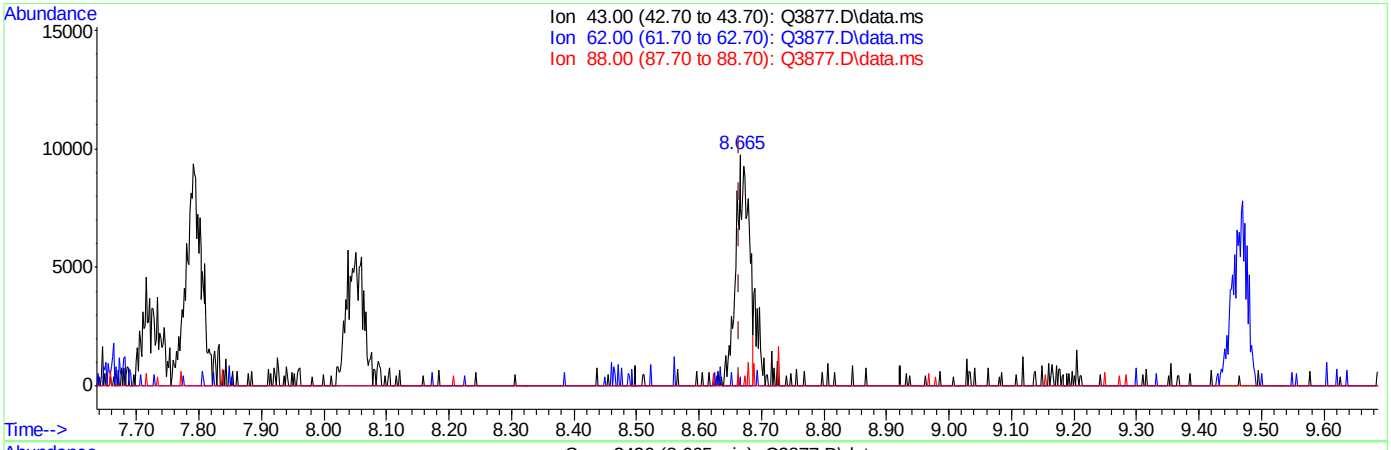
response 5232

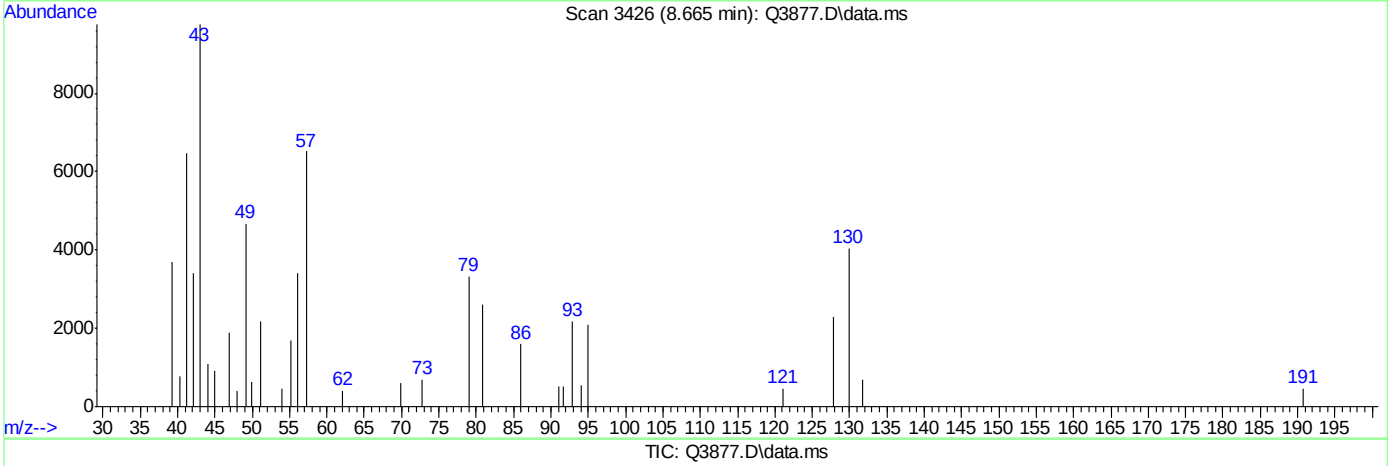
Ion	Exp%	Act%
96.00	100	100
98.00	63.40	0.00#
61.00	186.90	164.89#
0.00	0.00	0.00

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

(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

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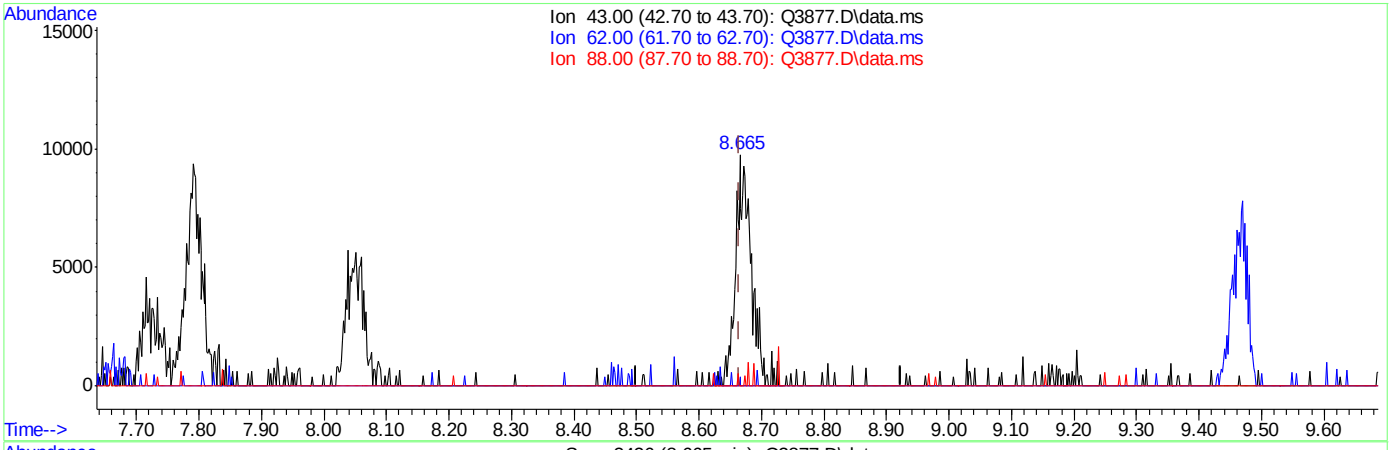
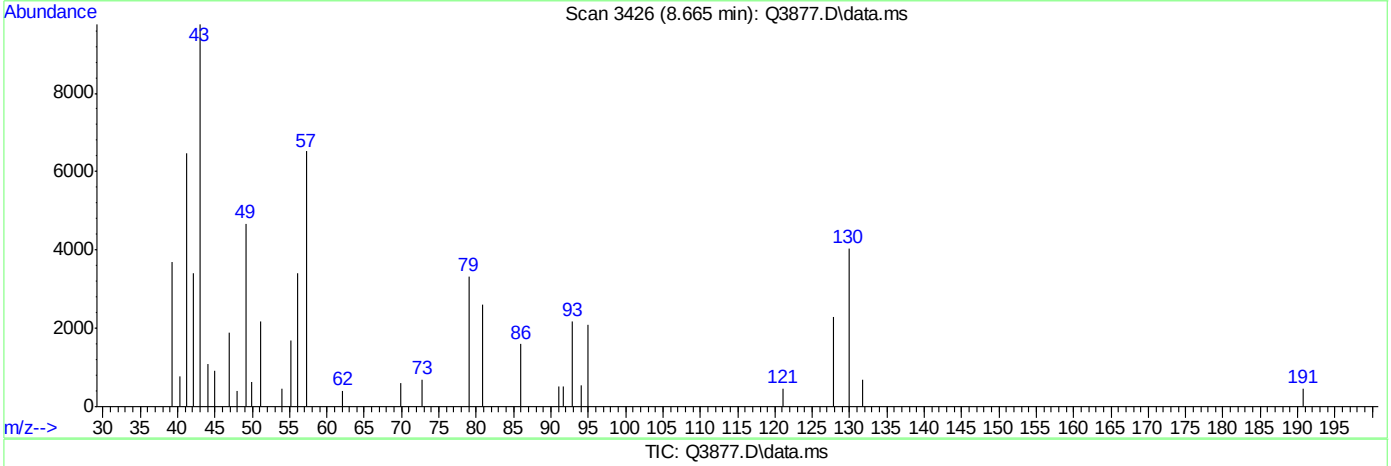
Quantitation Report (Qedit)

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

(30) ETHYL ACETATE (m)

8.665min (-0.000) 0.50PPBV m

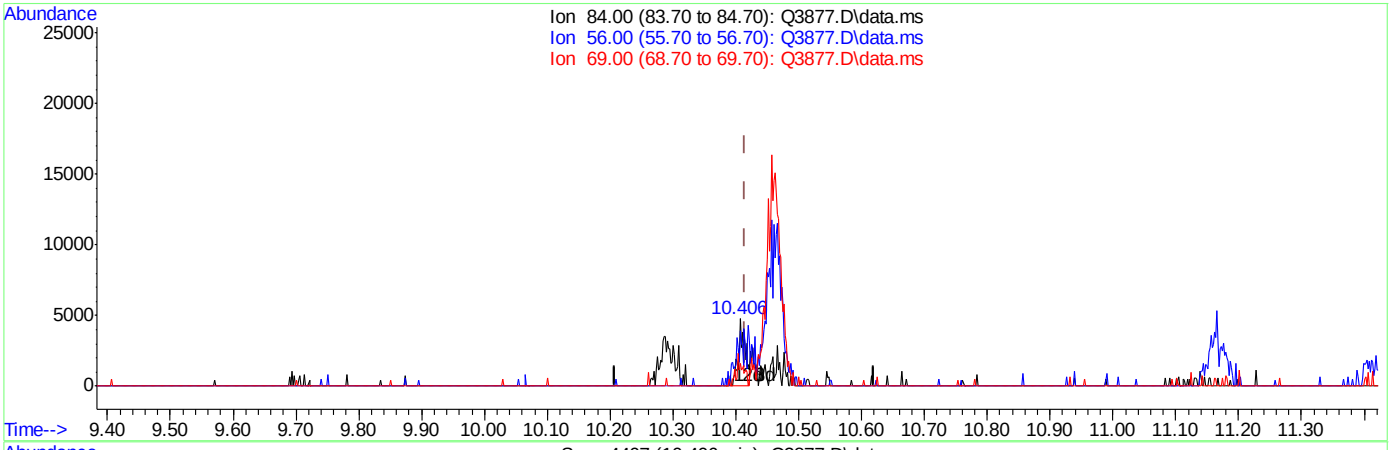
response 17552

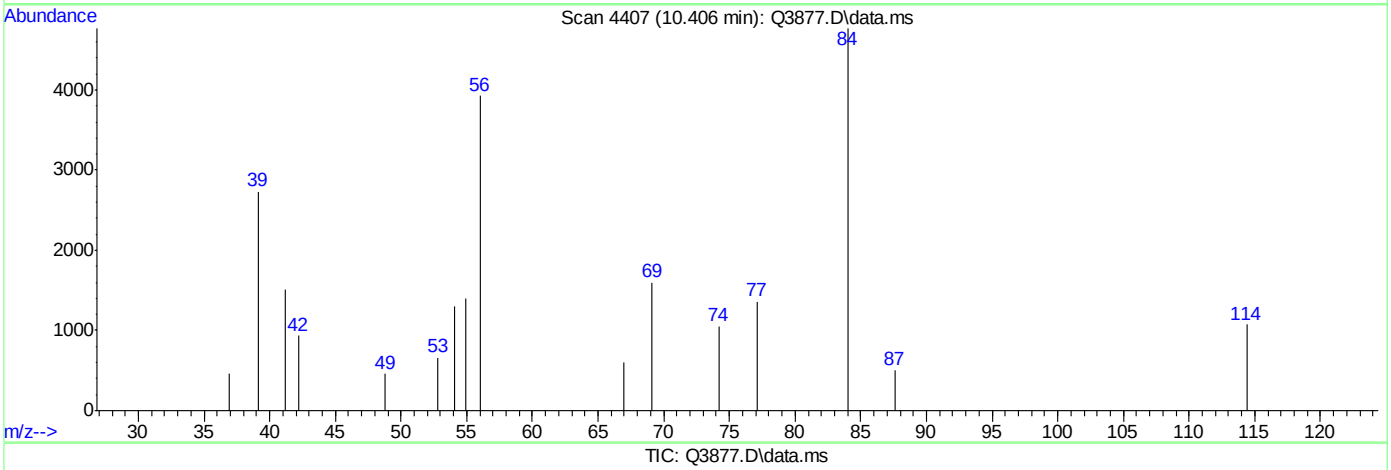
Ion	Exp%	Act%
43.00	100	100
62.00	0.30	0.25
88.00	1.60	0.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3877.D
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

(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

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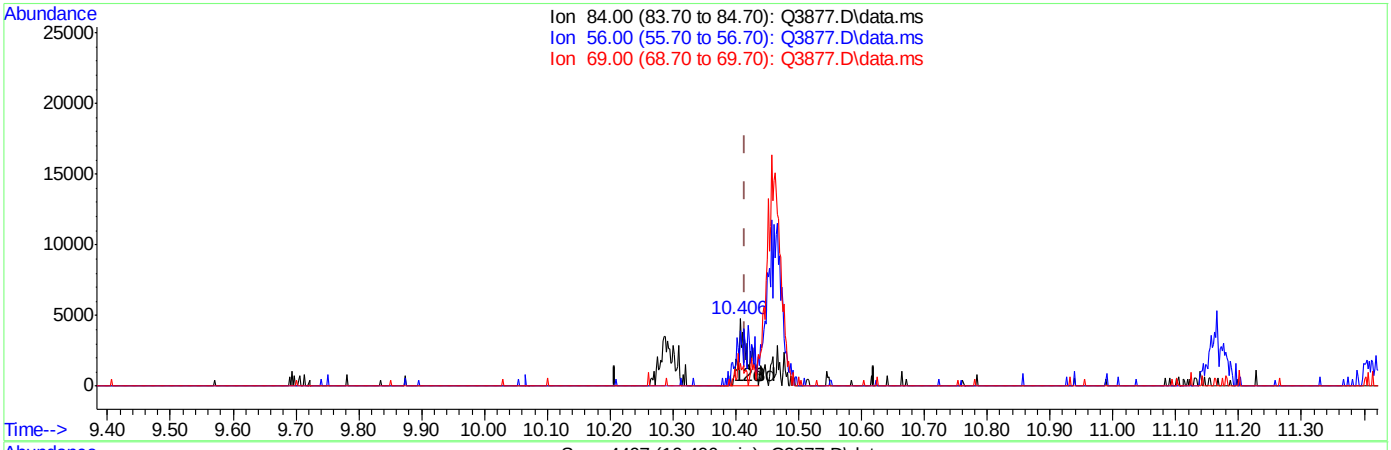
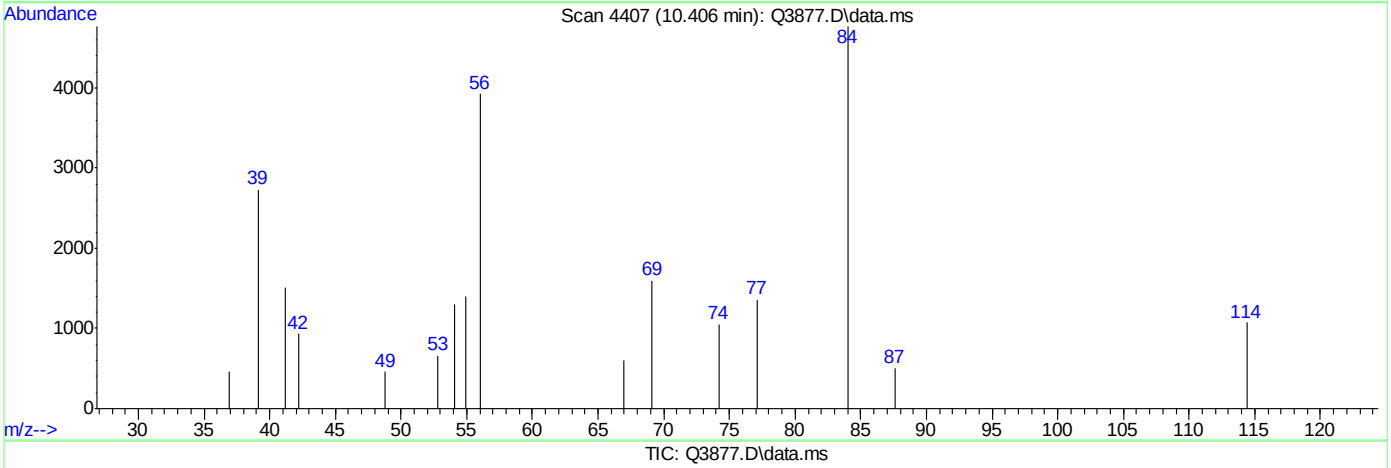
Quantitation Report (Qedit)

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

(37) CYCLOHEXANE (m)

10.406min (-0.009) 0.50PPBV m

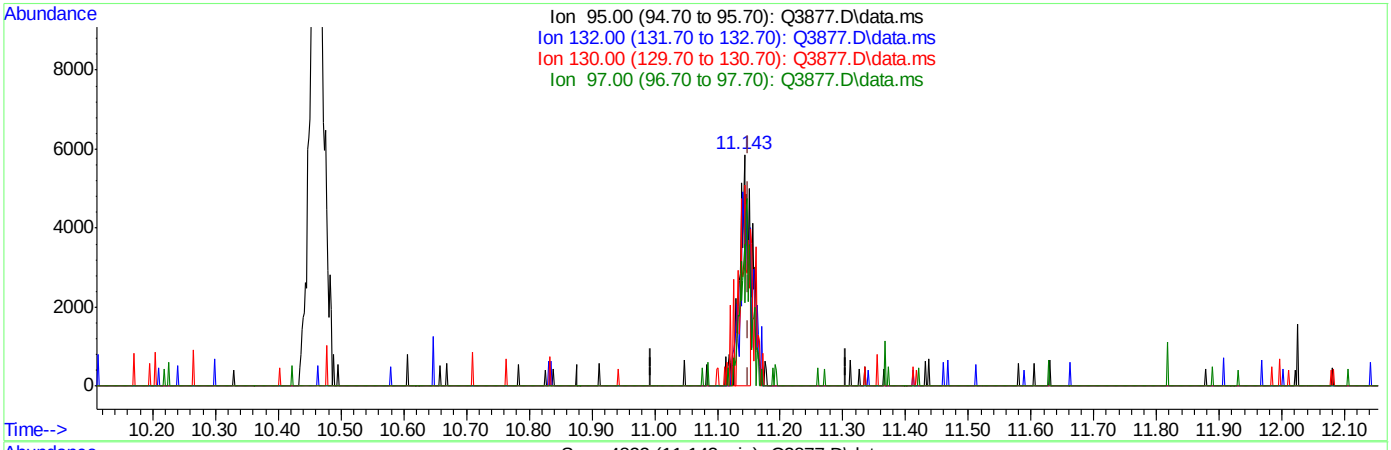
response 5102

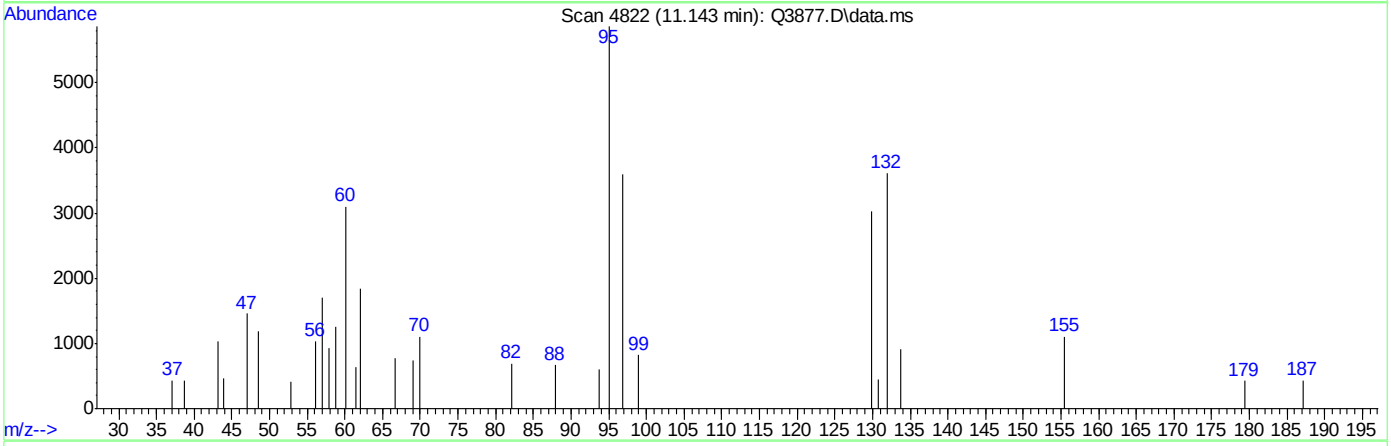
Ion	Exp%	Act%
84.00	100	100
56.00	177.10	60.49#
69.00	37.70	35.79
0.00	0.00	0.00

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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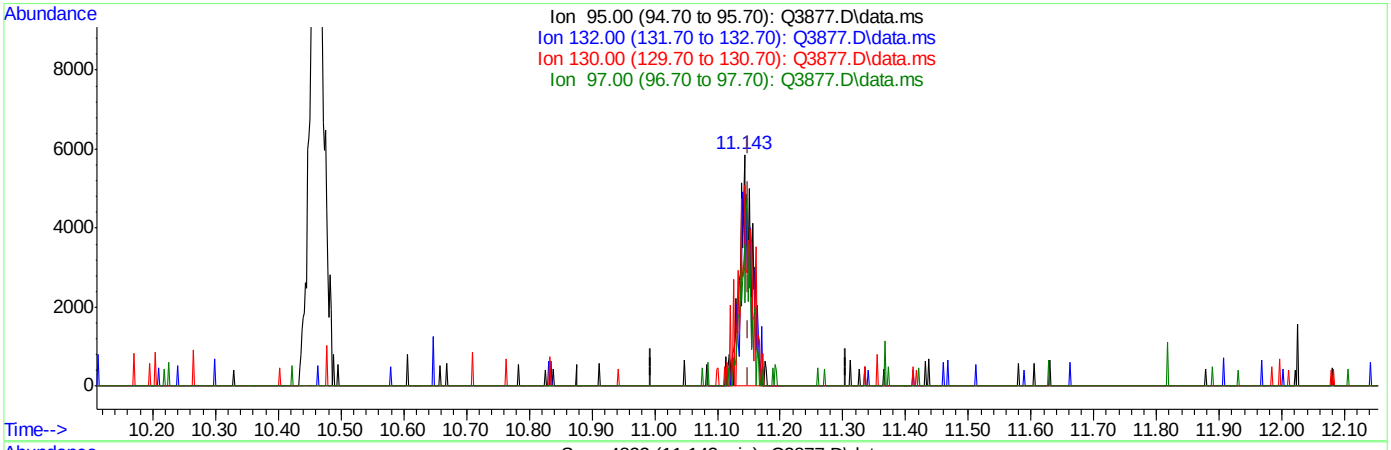
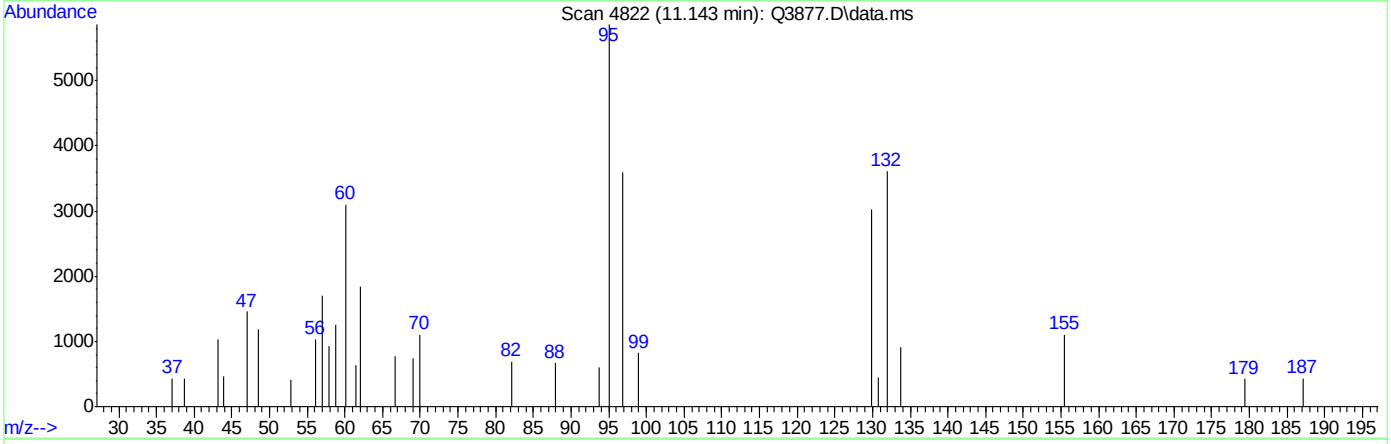
Quantitation Report (Qedit)

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

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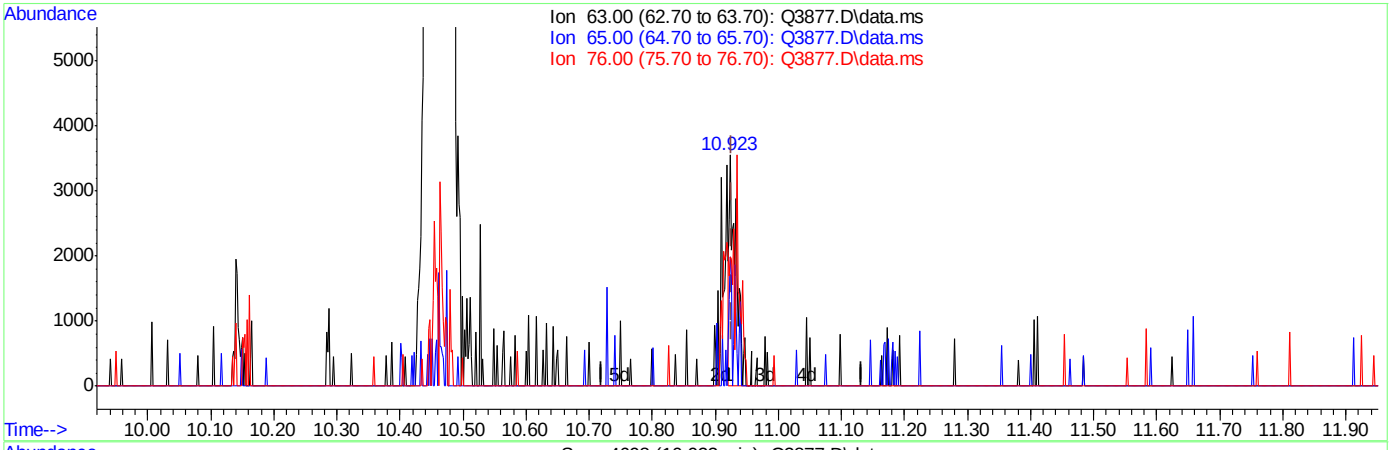
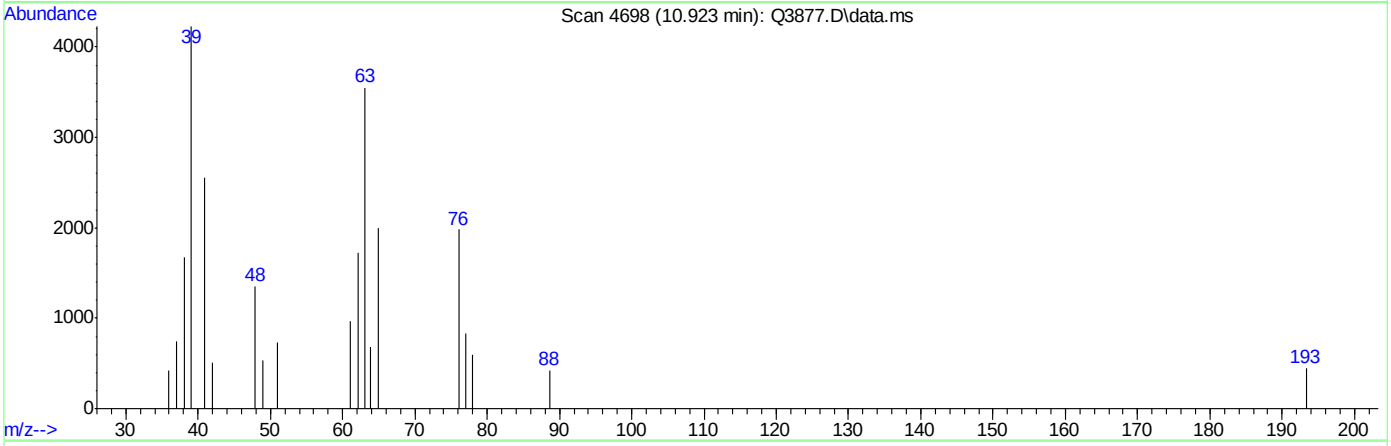
Quantitation Report (Qedit)

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) 0.28PPBV

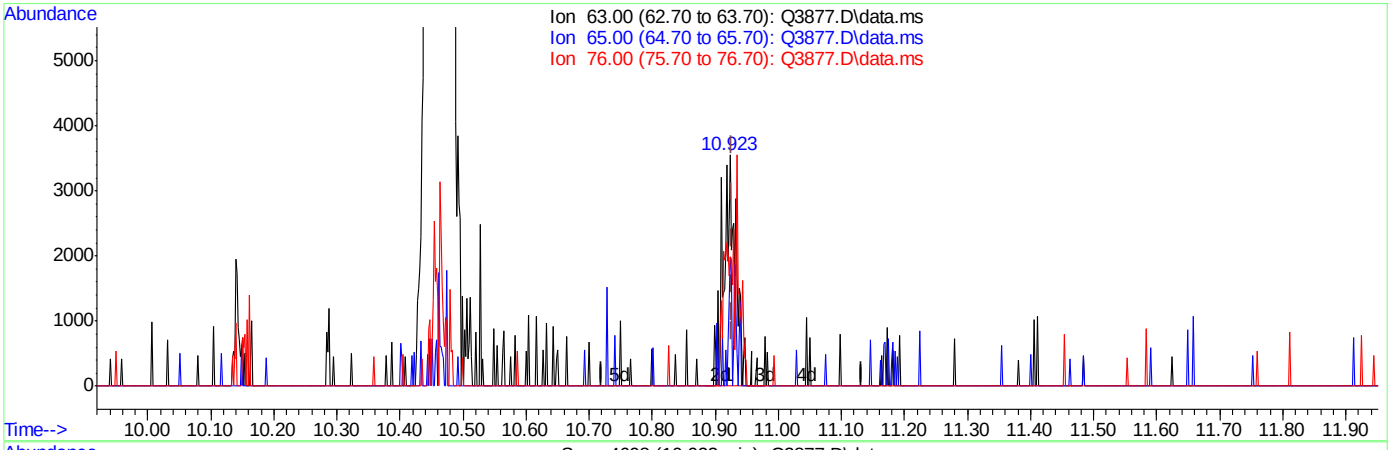
response 2674

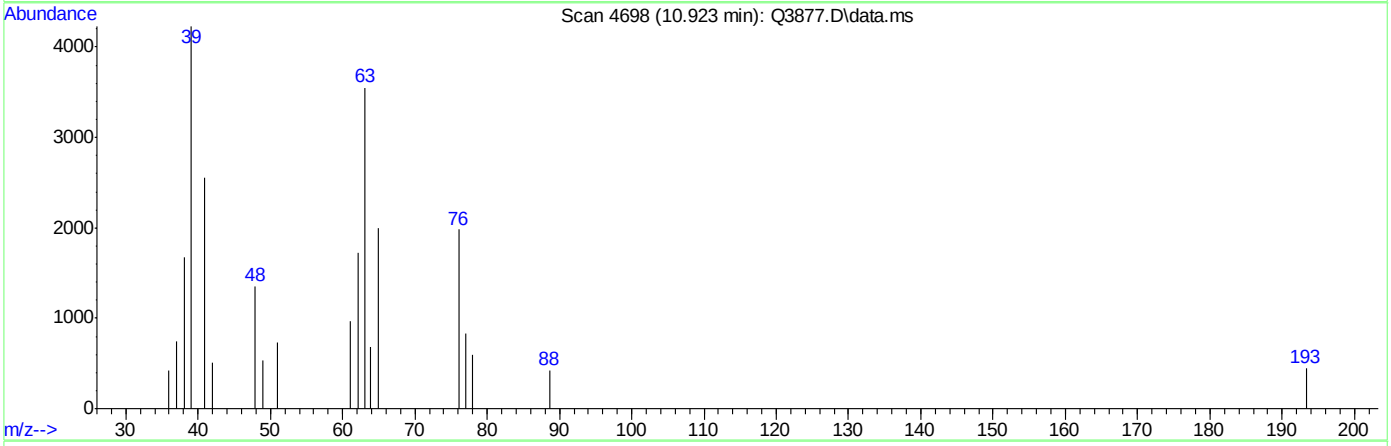
Ion	Exp%	Act%
63.00	100	100
65.00	28.60	24.94
76.00	41.10	93.16#
0.00	0.00	0.00

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

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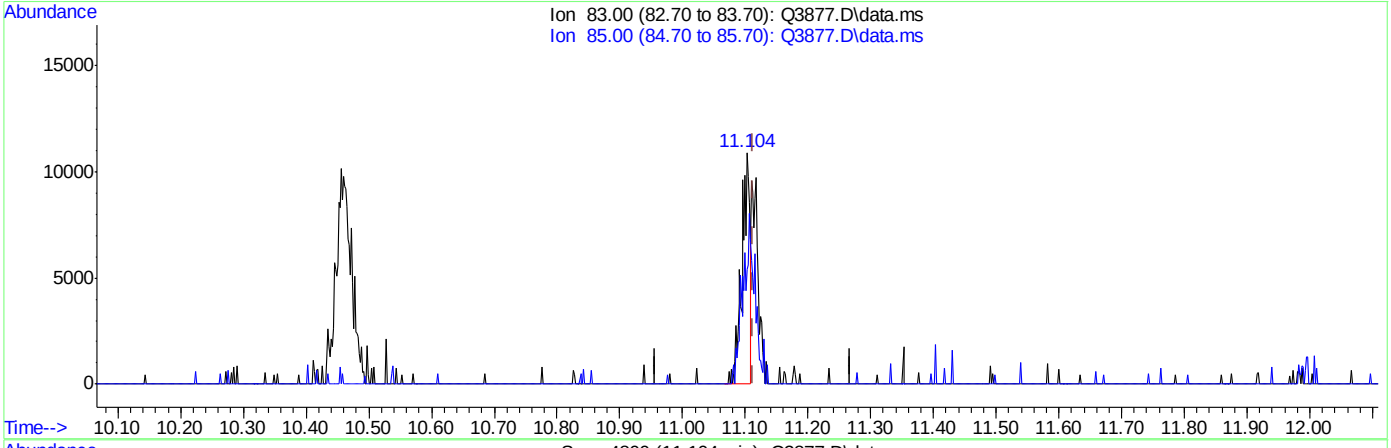
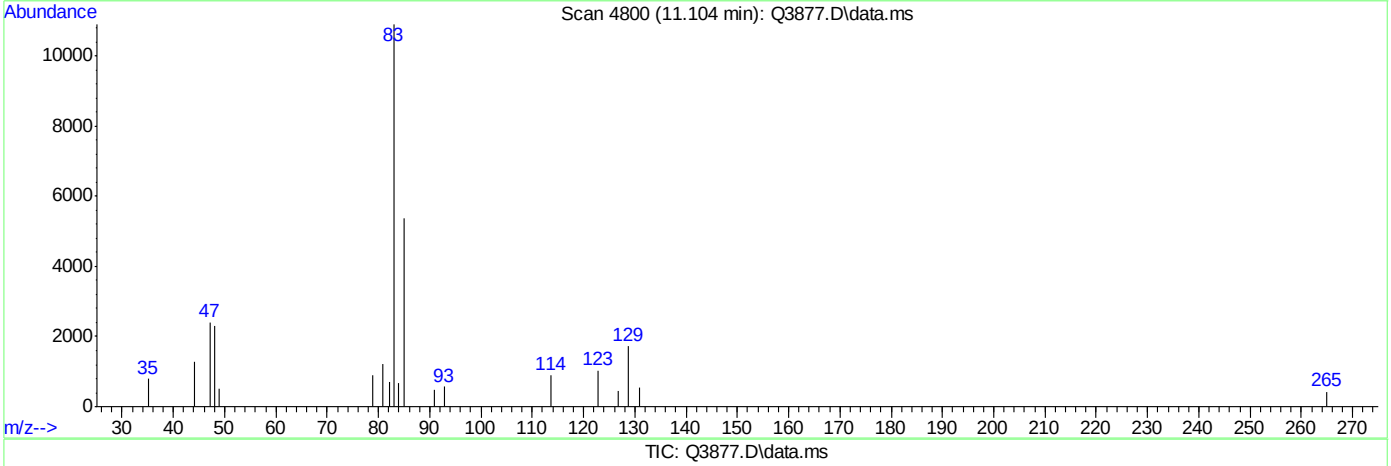
Quantitation Report (Qedit)

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





(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

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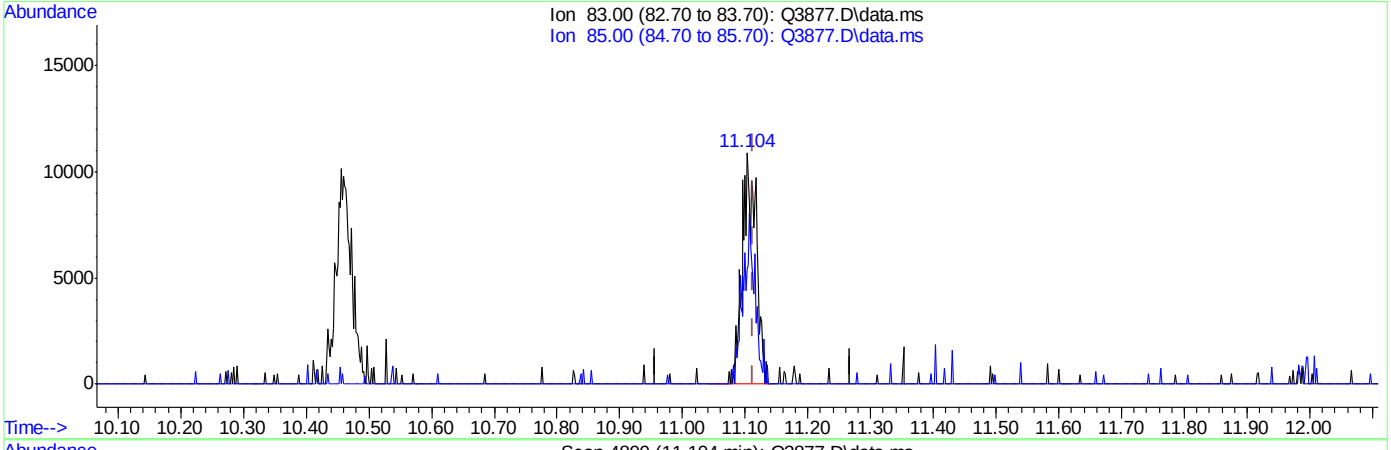
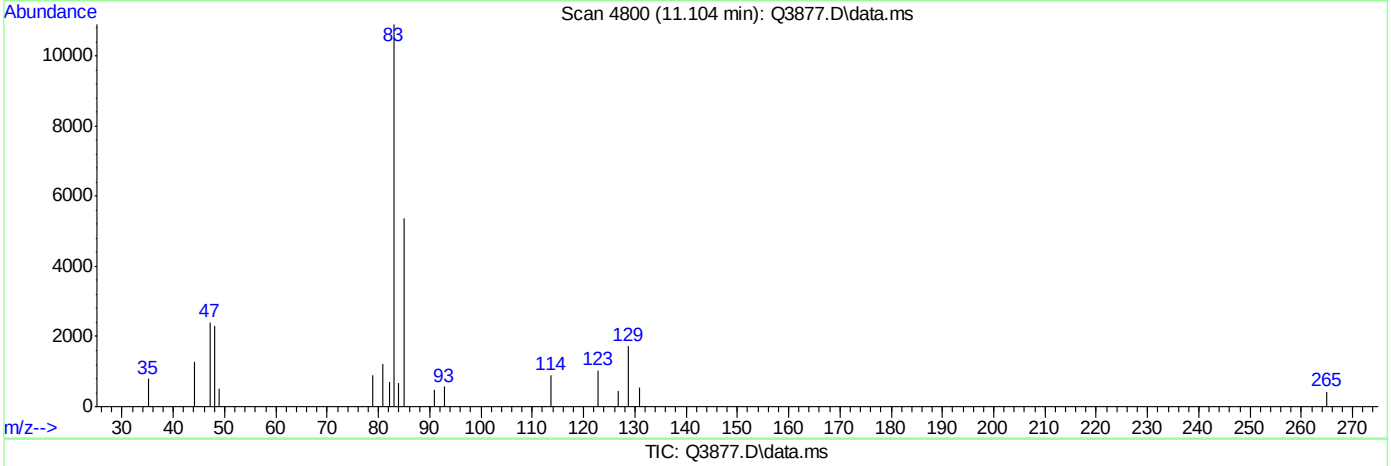
Quantitation Report (Qedit)

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





(40) BROMODICHLOROMETHANE (m)

11.104min (-0.009) 0.50PPBV m

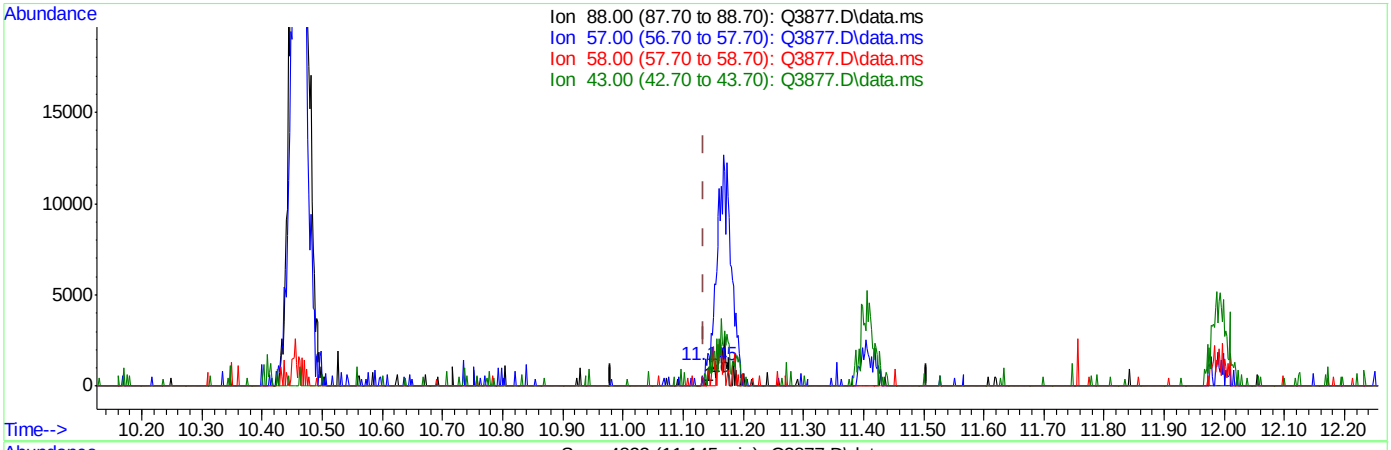
response 17334

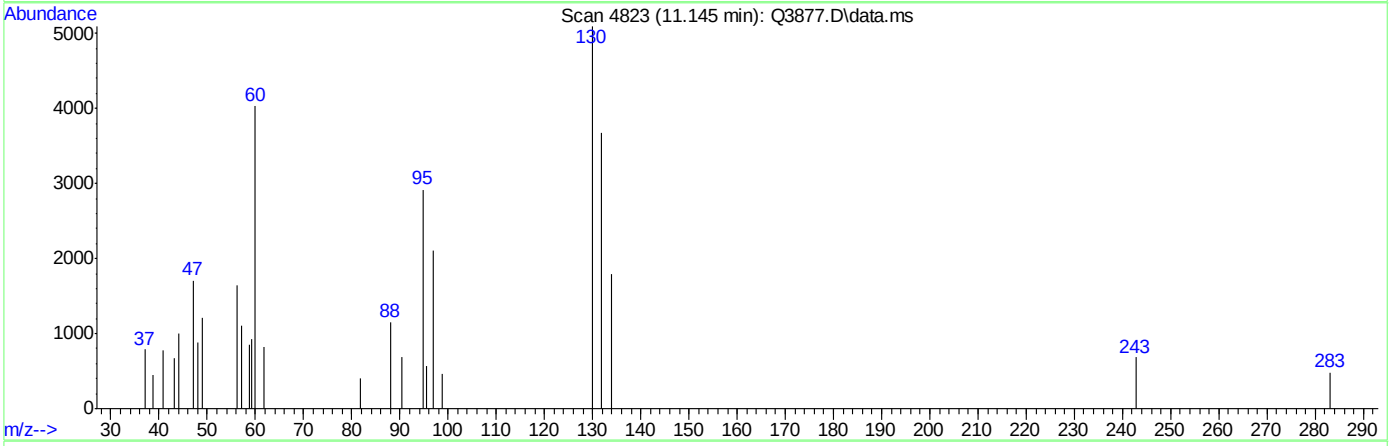
Ion	Exp%	Act%
83.00	100	100
85.00	63.80	62.68
0.00	0.00	0.00
0.00	0.00	0.00

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

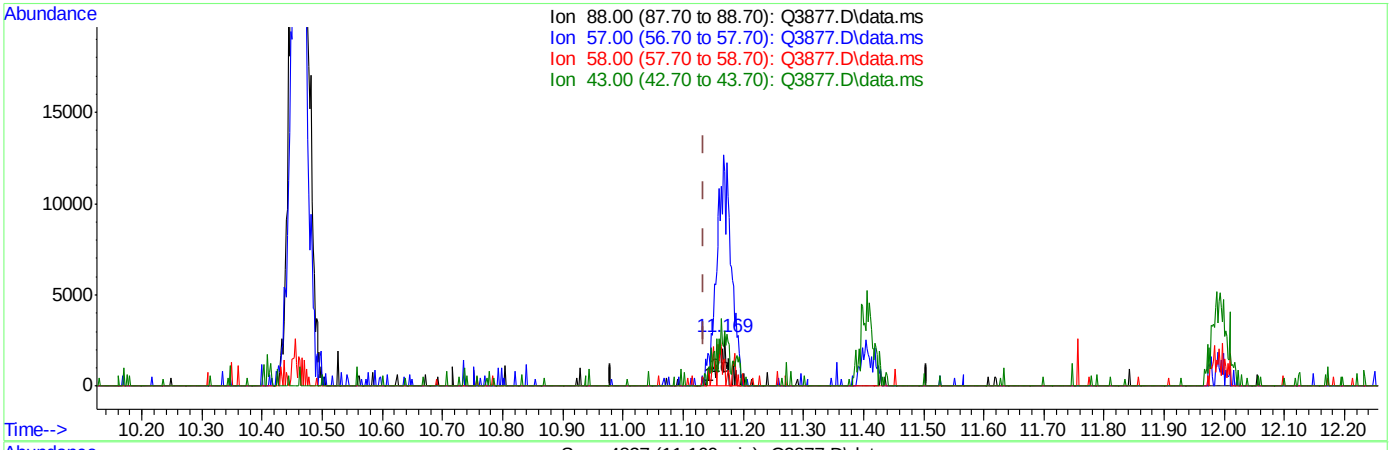
response 828

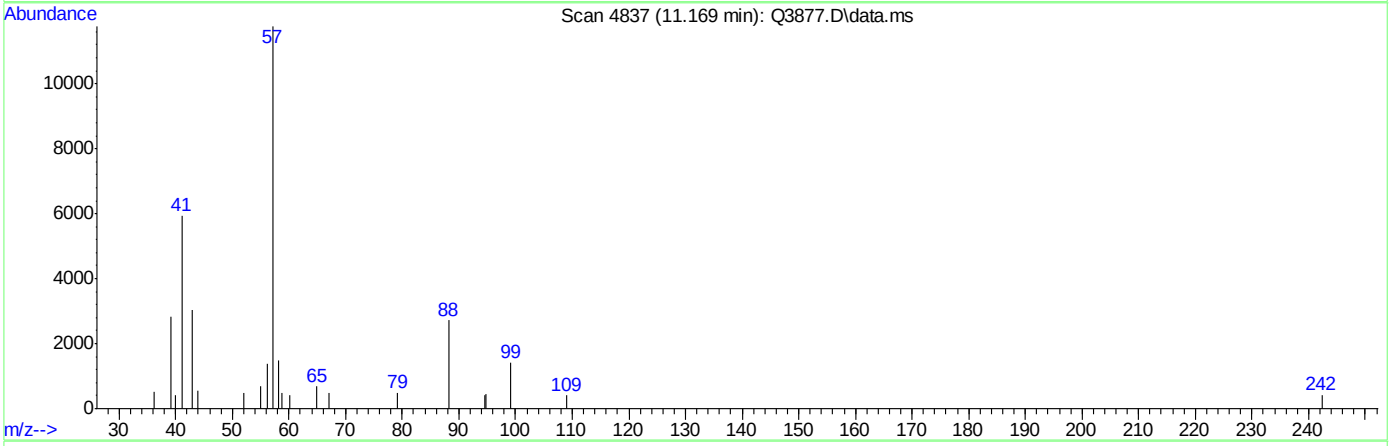
Ion	Exp%	Act%
88.00	100	100
57.00	45.40	95.33#
58.00	84.10	0.00#
43.00	40.20	57.79

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

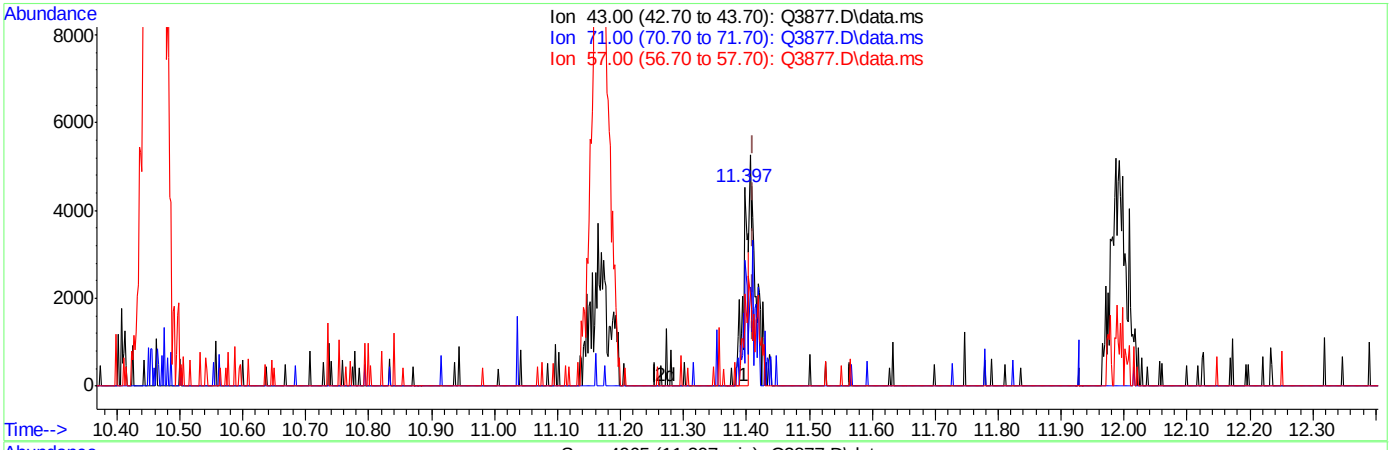
response 3168

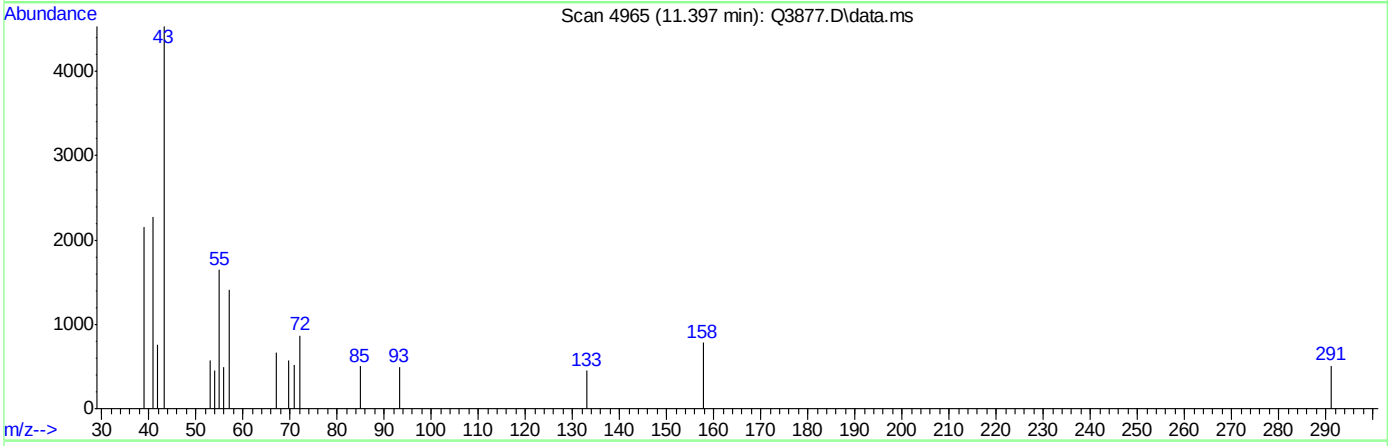
Ion	Exp%	Act%
88.00	100	100
57.00	45.40	433.78#
58.00	84.10	54.39#
43.00	40.20	112.02#

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

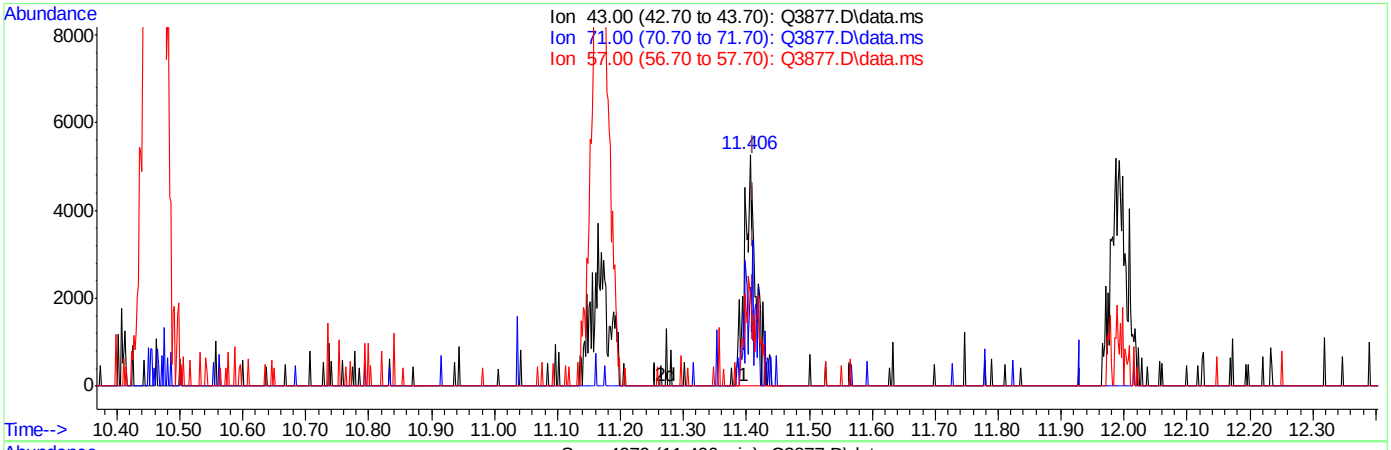
response 2984

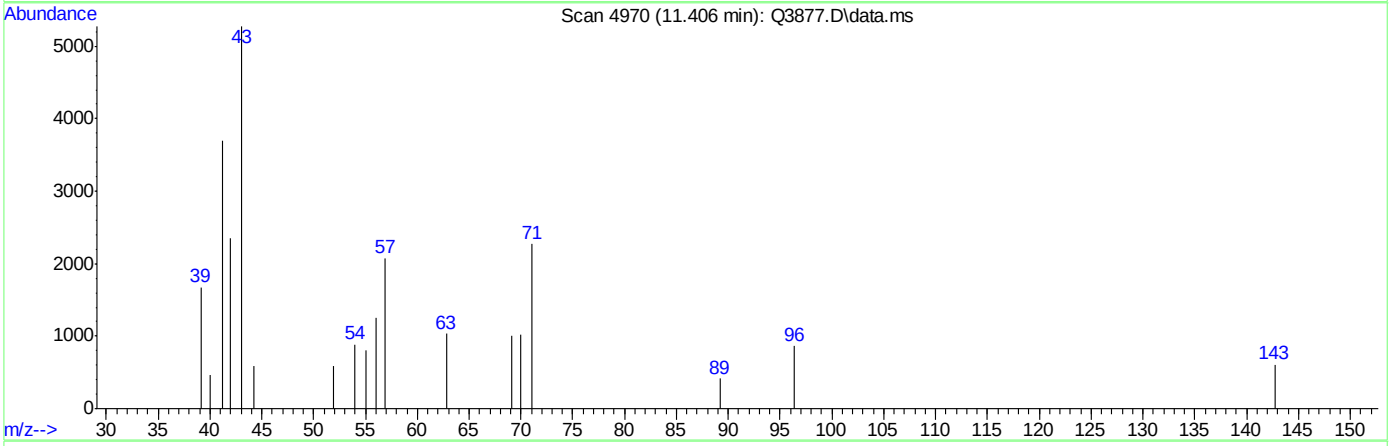
Ion	Exp%	Act%
43.00	100	100
71.00	40.90	105.19#
57.00	54.60	77.01#
0.00	0.00	0.00

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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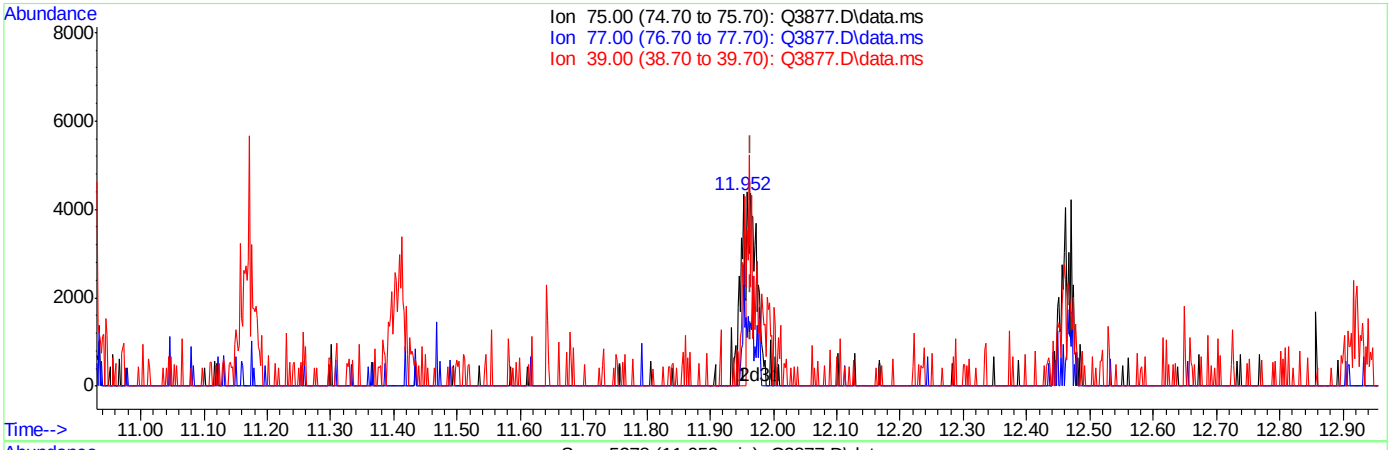
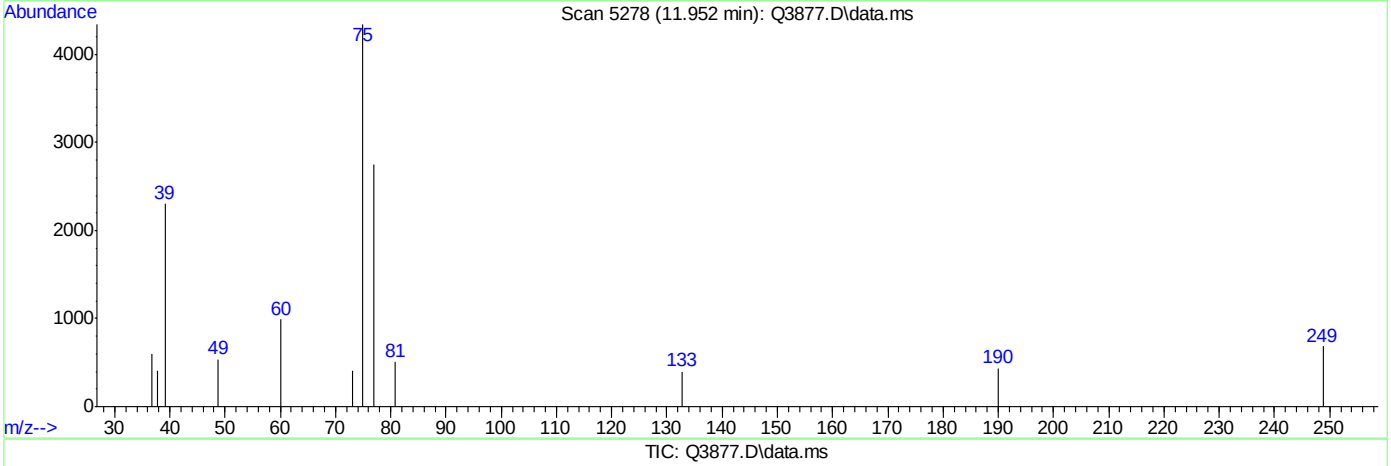
Quantitation Report (Qedit)

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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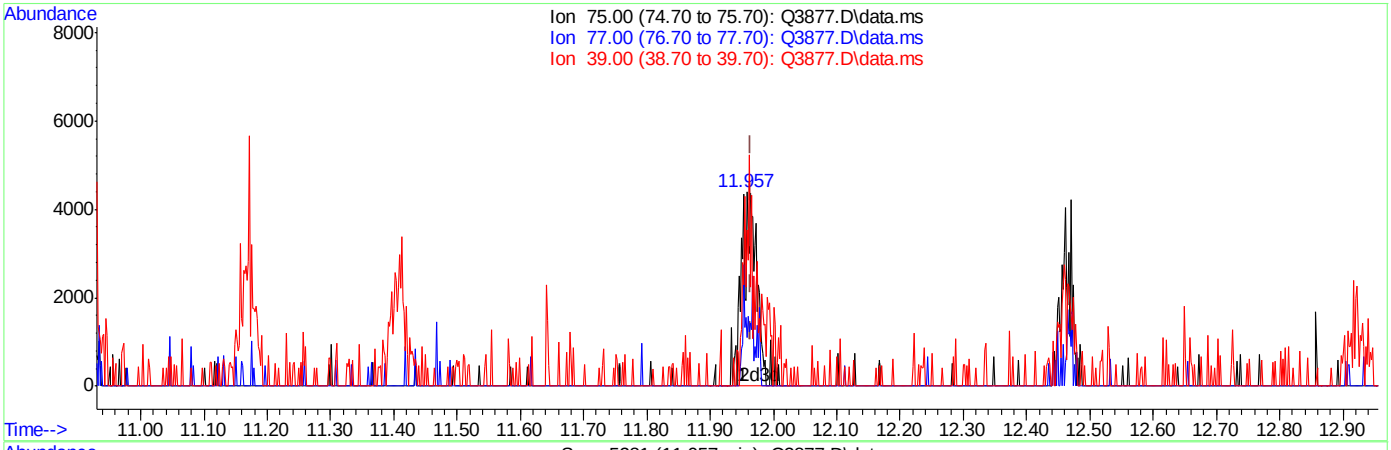
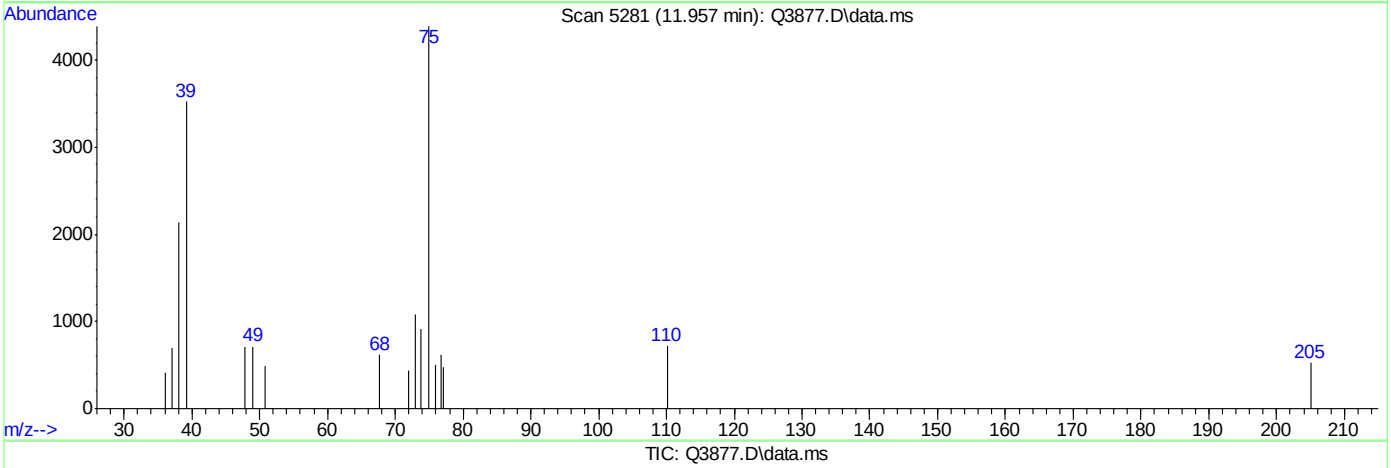
Quantitation Report (Qedit)

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

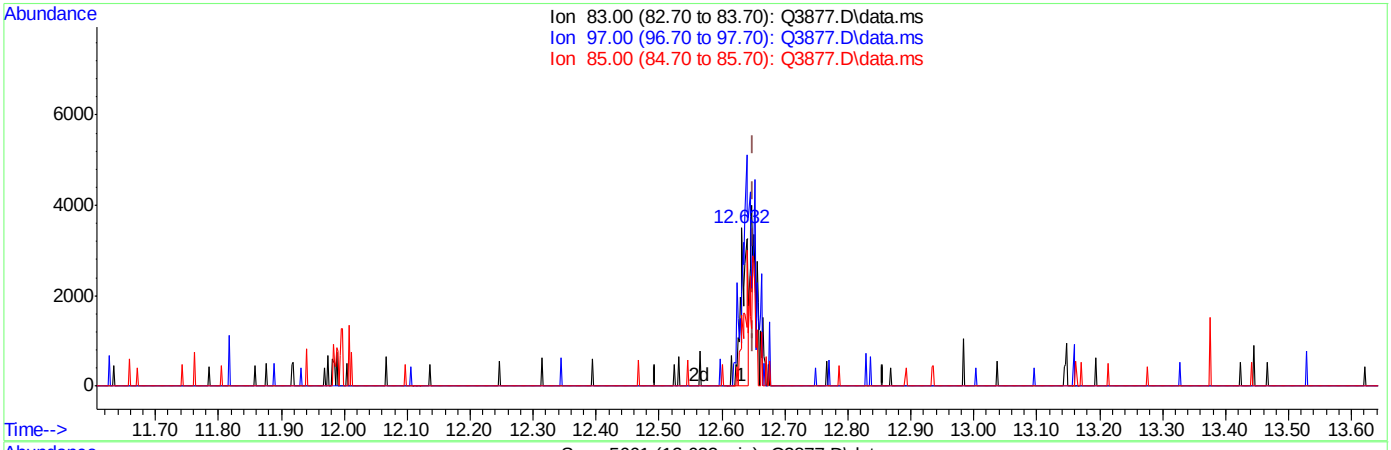
Ion	Exp%	Act%
75.00	100	100
77.00	31.60	19.21
39.00	87.50	0.00#
0.00	0.00	0.00

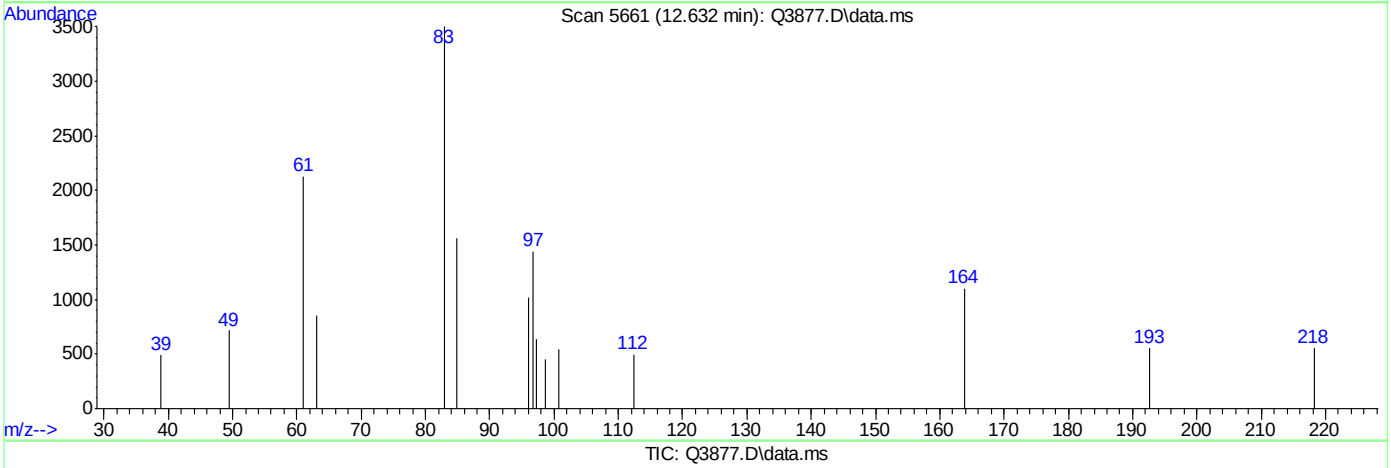
ACCUTEST Laboratories M65960

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

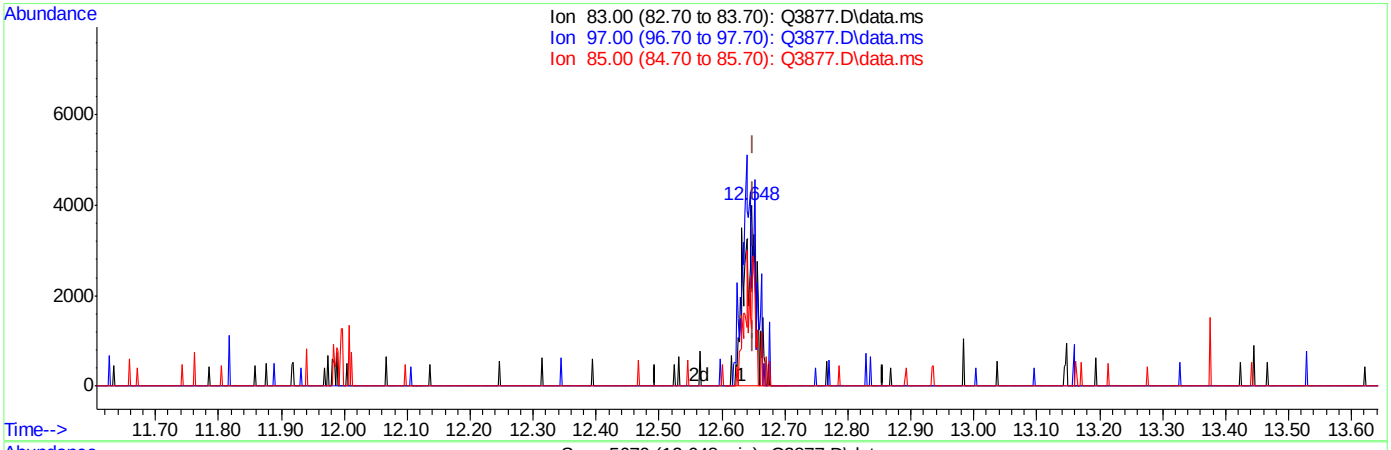
response 2724

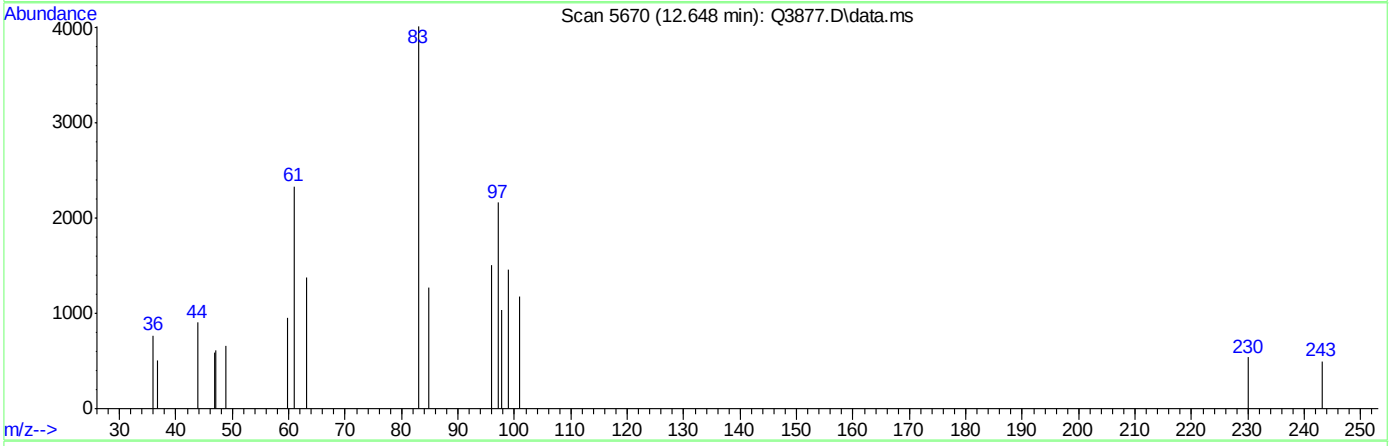
Ion	Exp%	Act%
83.00	100	100
97.00	113.20	250.40#
85.00	64.40	55.14
0.00	0.00	0.00

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

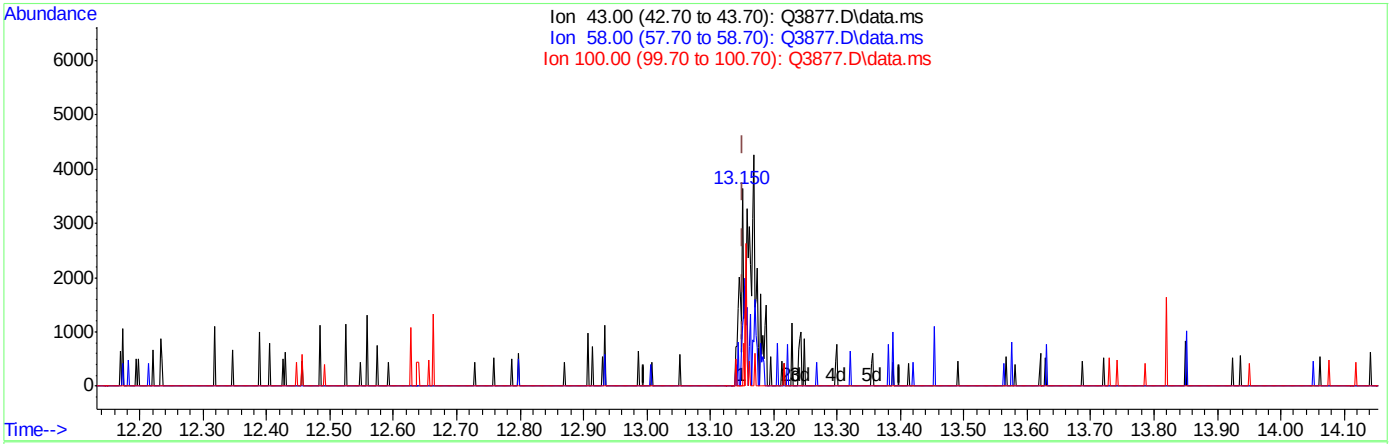
Ion	Exp%	Act%
83.00	100	100
97.00	113.20	115.63
85.00	64.40	25.46#
0.00	0.00	0.00

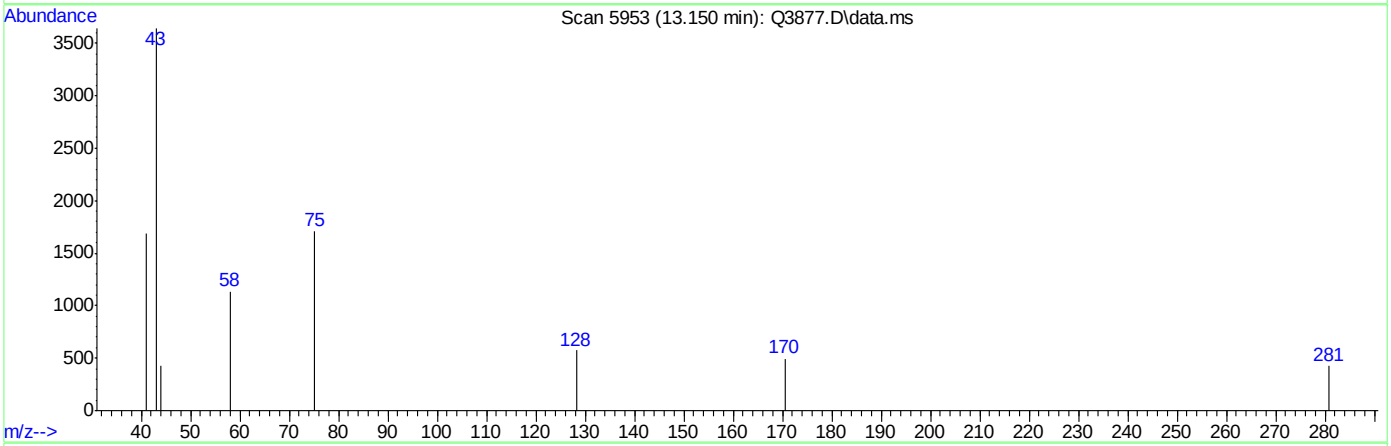
ACCUTEST Laboratories M65960

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

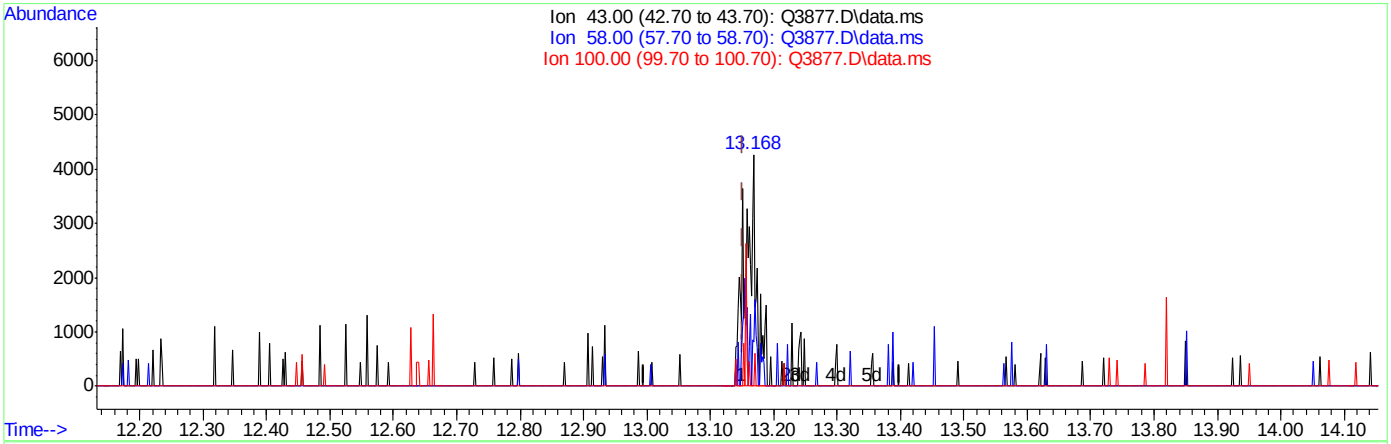
response 1539

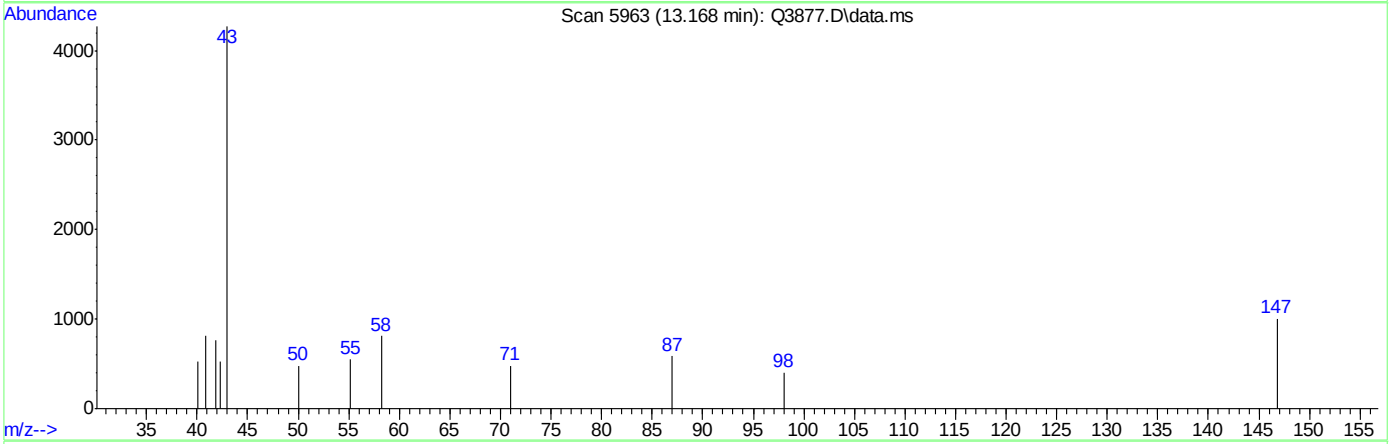
Ion	Exp%	Act%
43.00	100	100
58.00	52.00	76.15#
100.00	6.20	30.34#
0.00	0.00	0.00

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

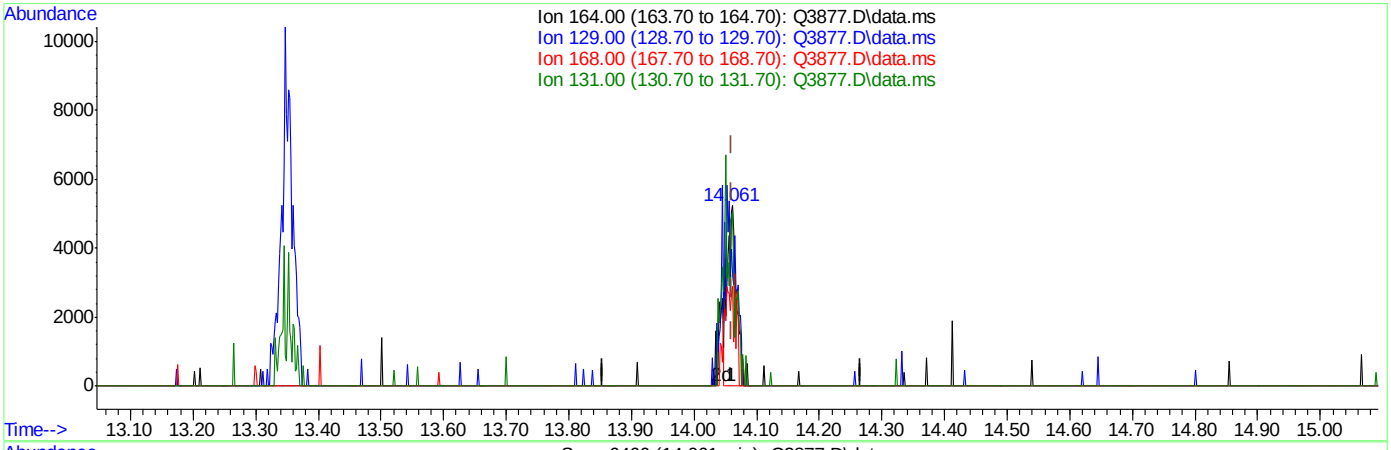
response 5204

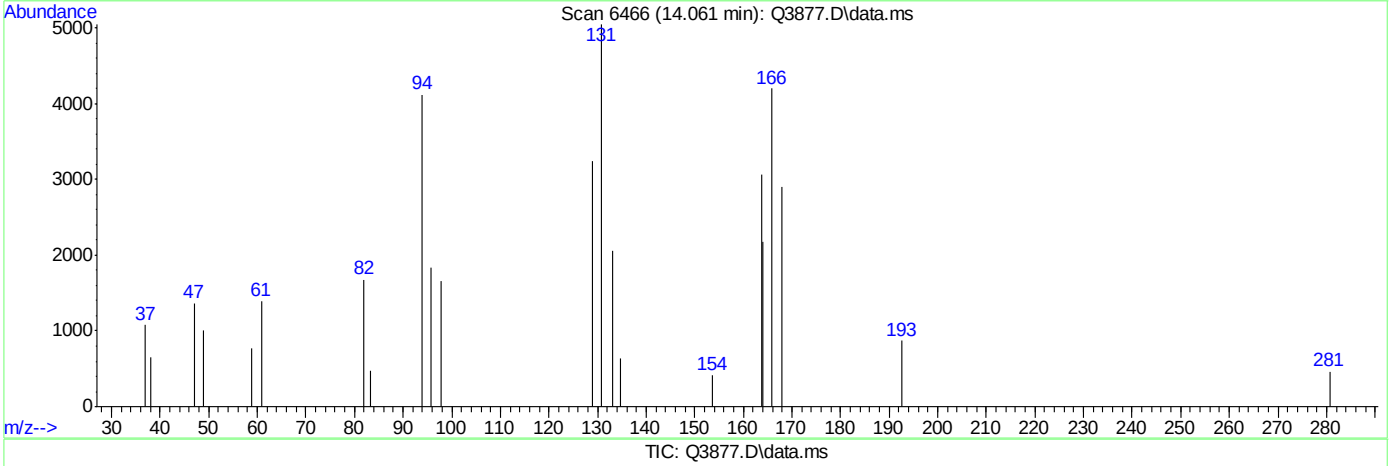
Ion	Exp%	Act%
43.00	100	100
58.00	52.00	22.52#
100.00	6.20	8.97
0.00	0.00	0.00

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

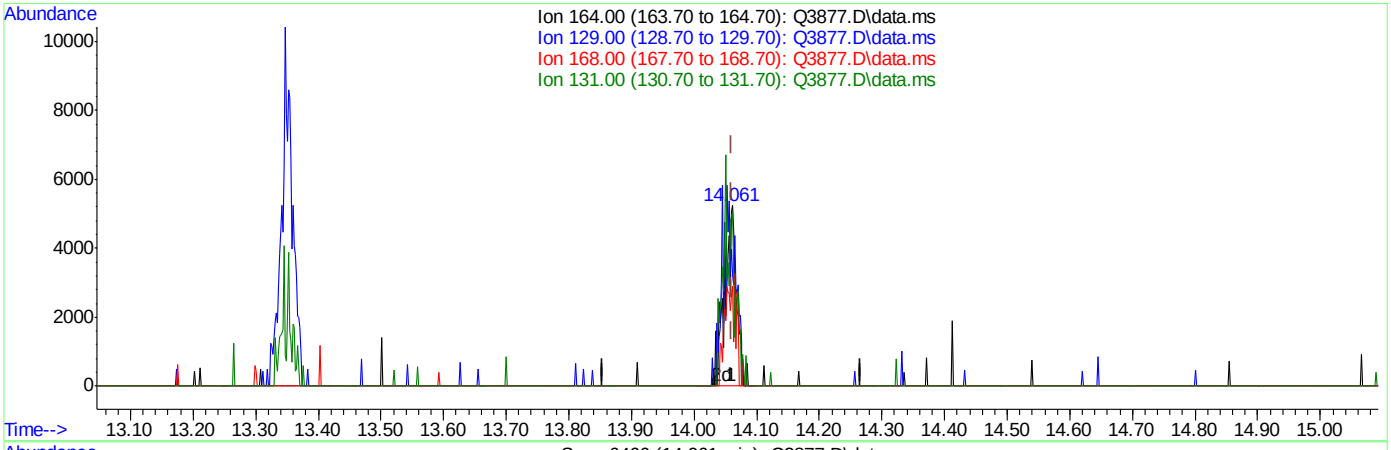
Ion	Exp%	Act%
164.00	100	100
129.00	107.30	0.00#
168.00	59.50	69.53
131.00	108.30	0.00#

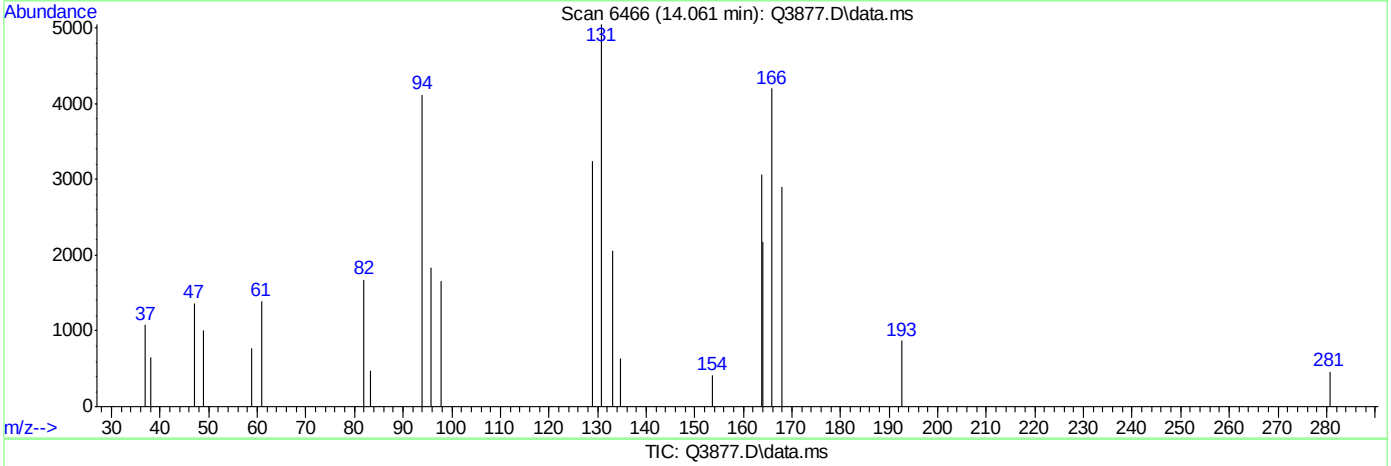
ACCUTEST Laboratories M65960

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

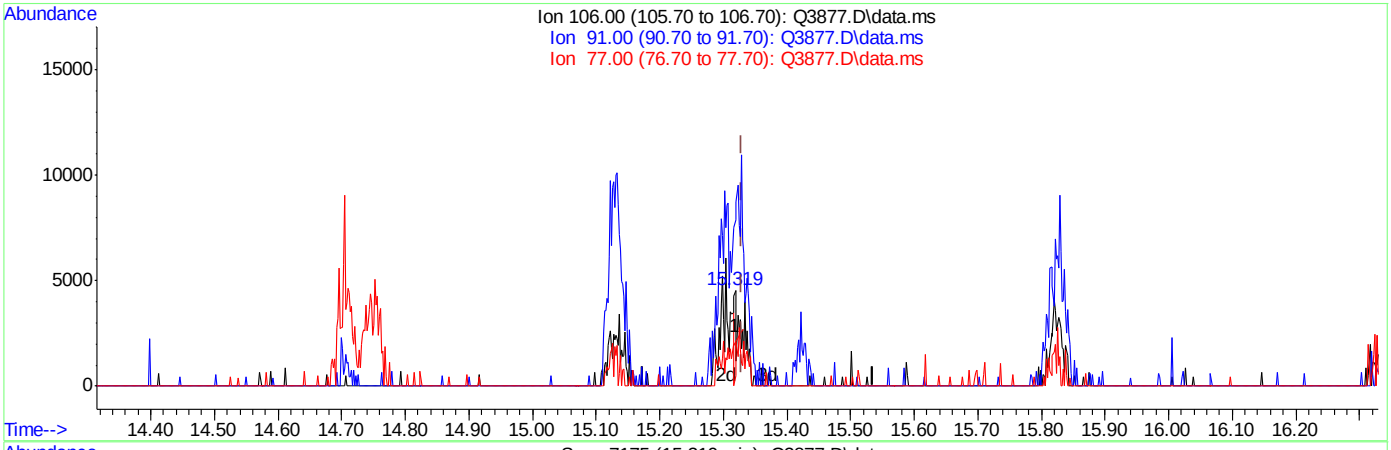
Ion	Exp%	Act%
164.00	100	100
129.00	107.30	0.00#
168.00	59.50	55.74
131.00	108.30	0.00#

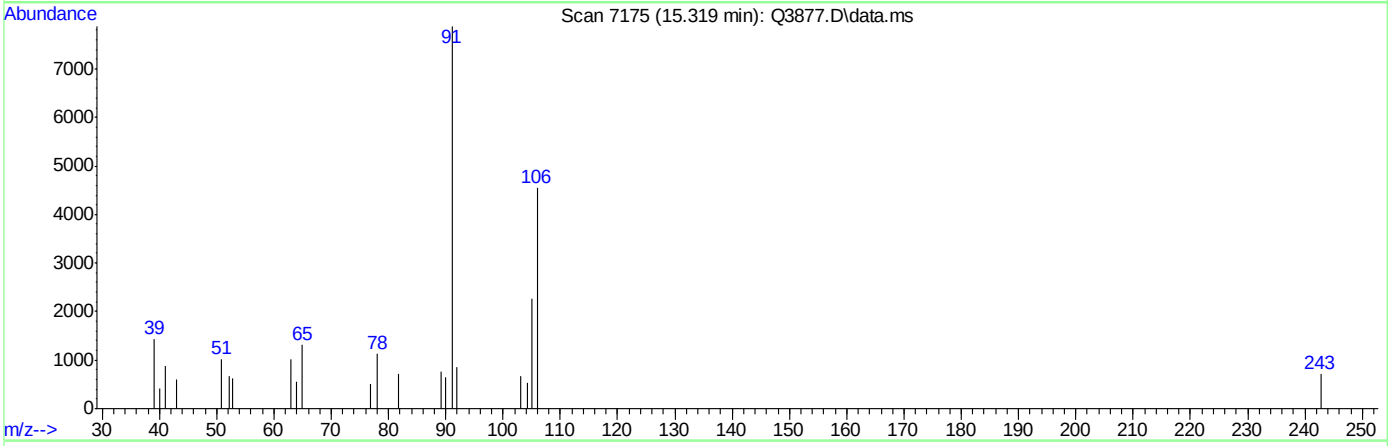
ACCUTEST Laboratories M65960

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

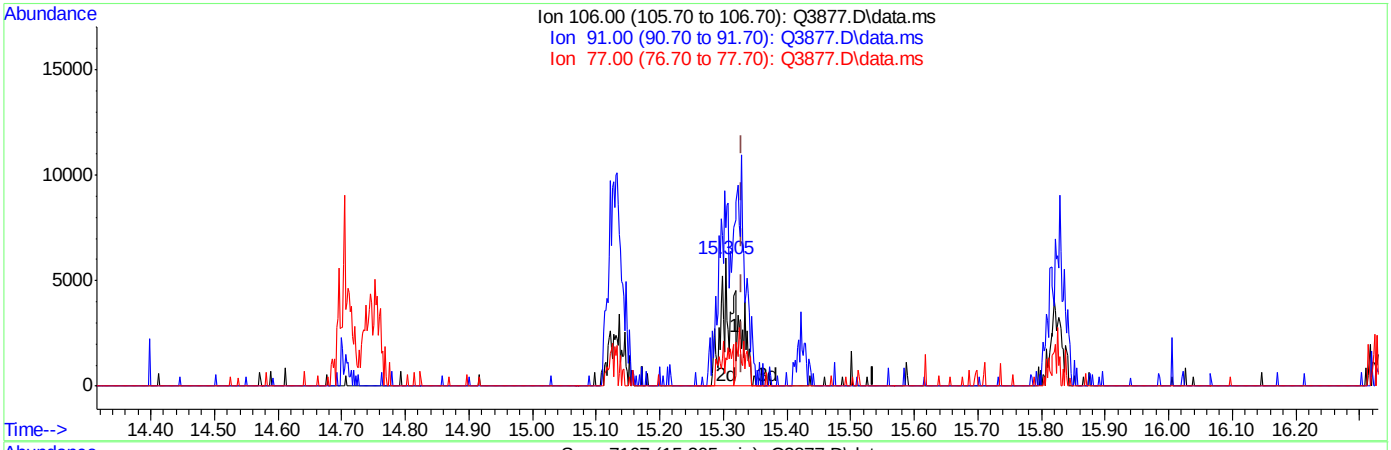
response 543

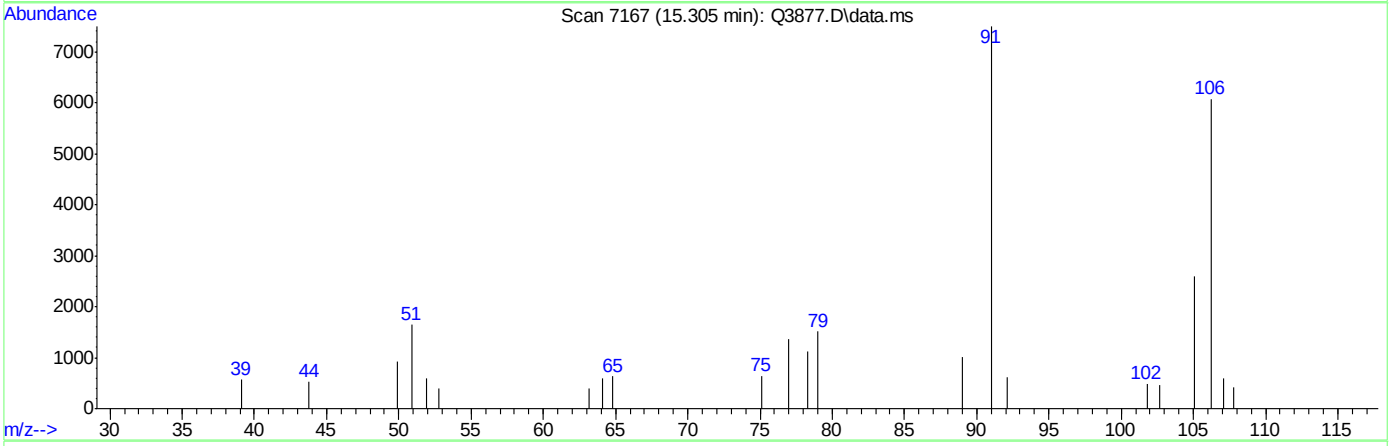
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	173.23
77.00	27.30	11.17#
0.00	0.00	0.00

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

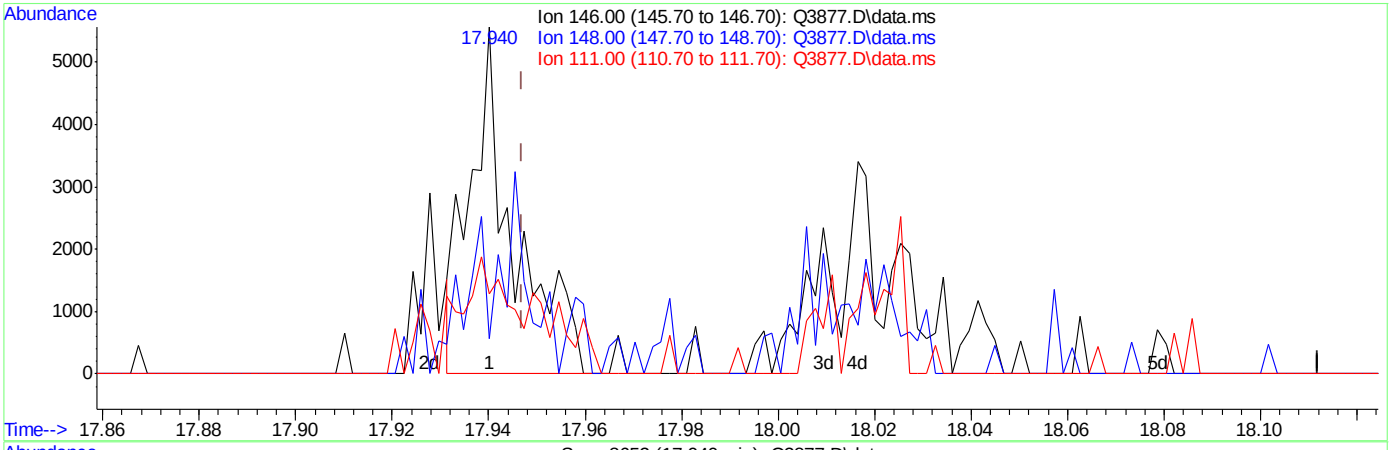
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	123.44#
77.00	27.30	22.56
0.00	0.00	0.00

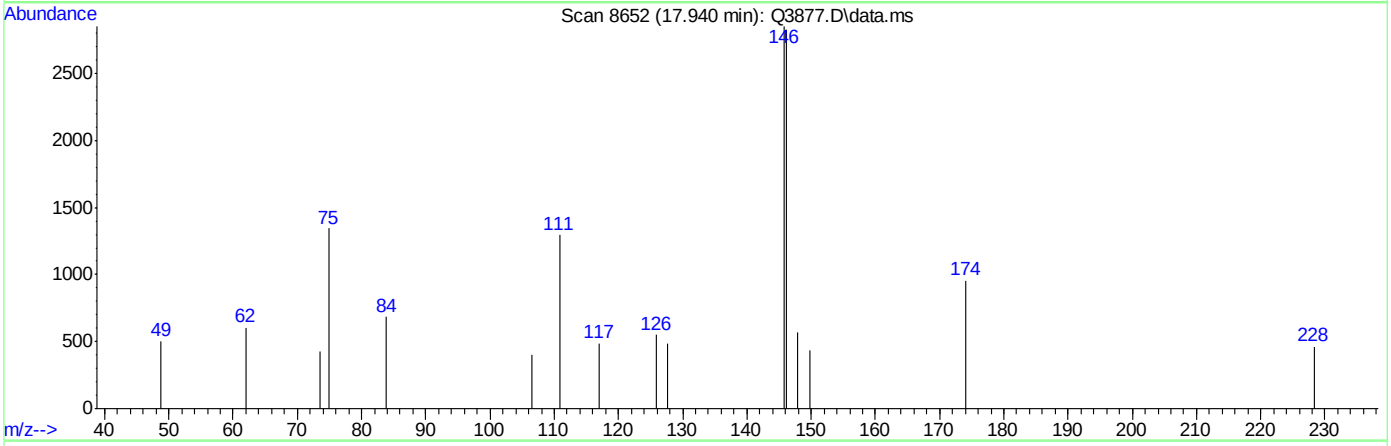
ACCUTEST Laboratories M65960

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

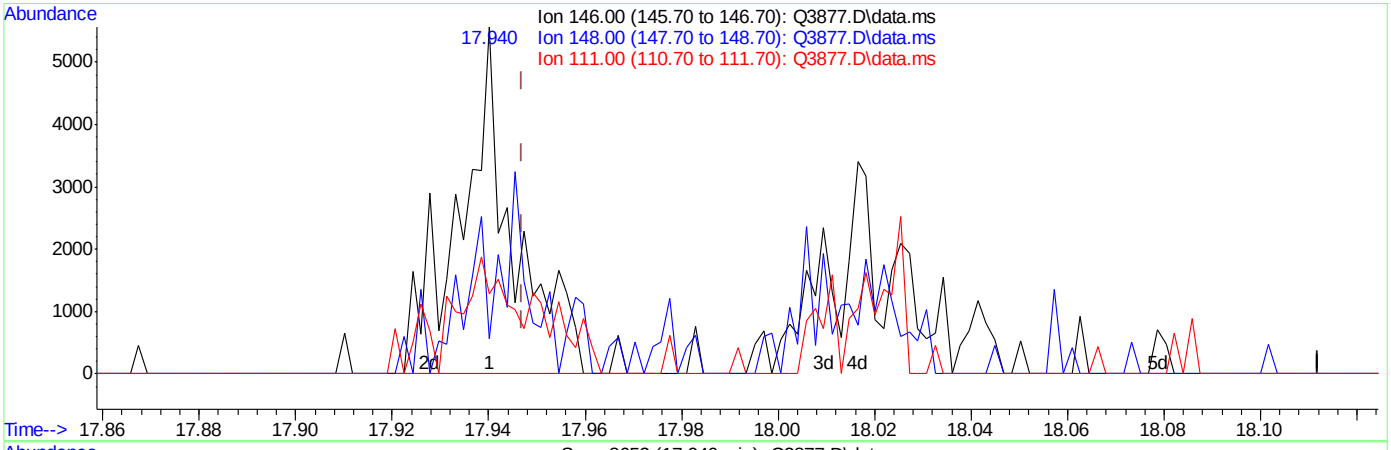
Ion	Exp%	Act%
146.00	100	100
148.00	62.90	69.51
111.00	42.30	65.44#
0.00	0.00	0.00

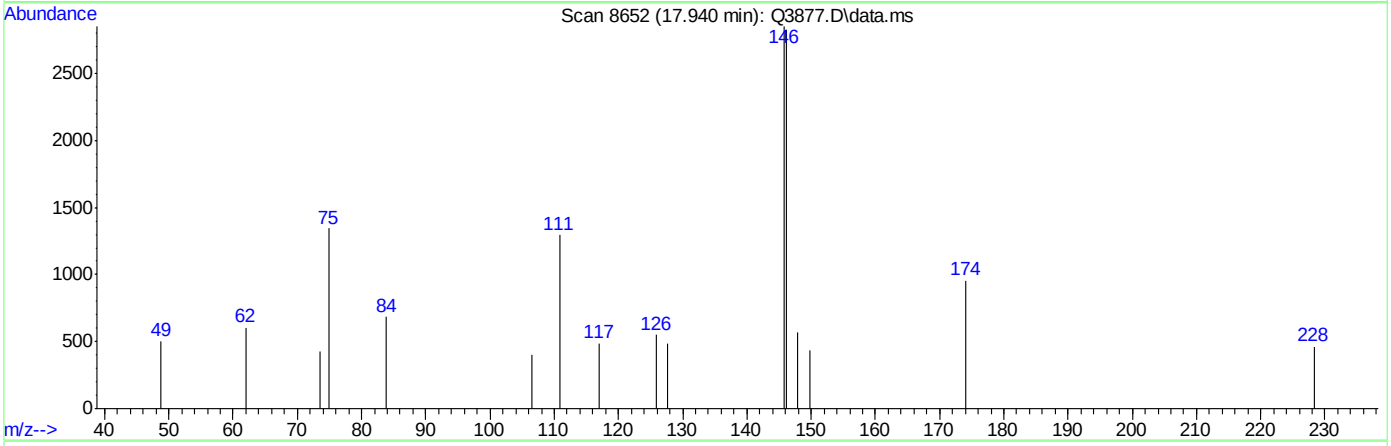
ACCUTEST Laboratories M65960

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

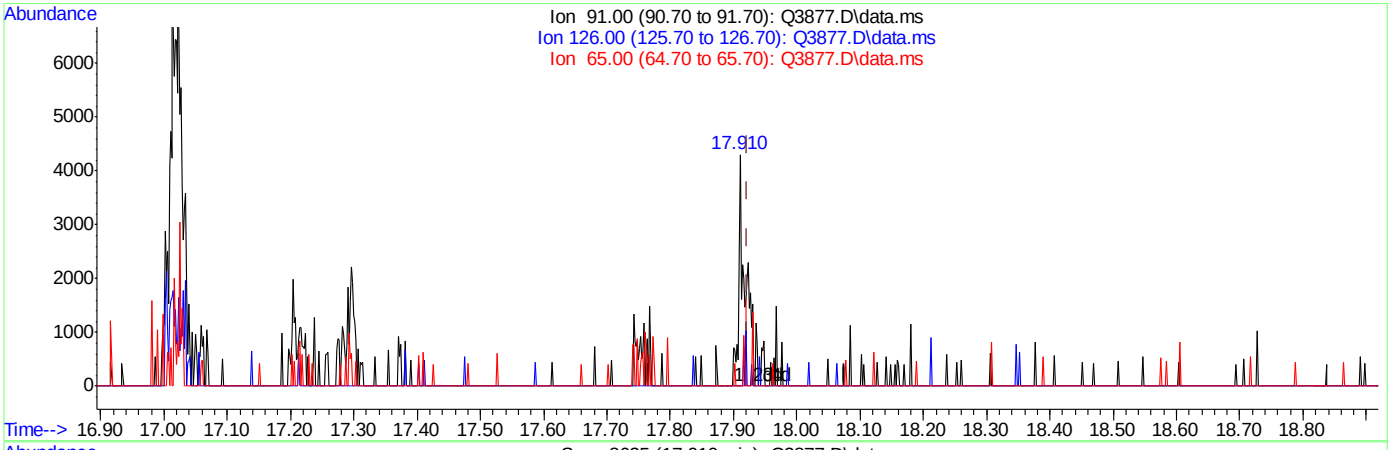
Ion	Exp%	Act%
146.00	100	100
148.00	62.90	55.96
111.00	42.30	52.68
0.00	0.00	0.00

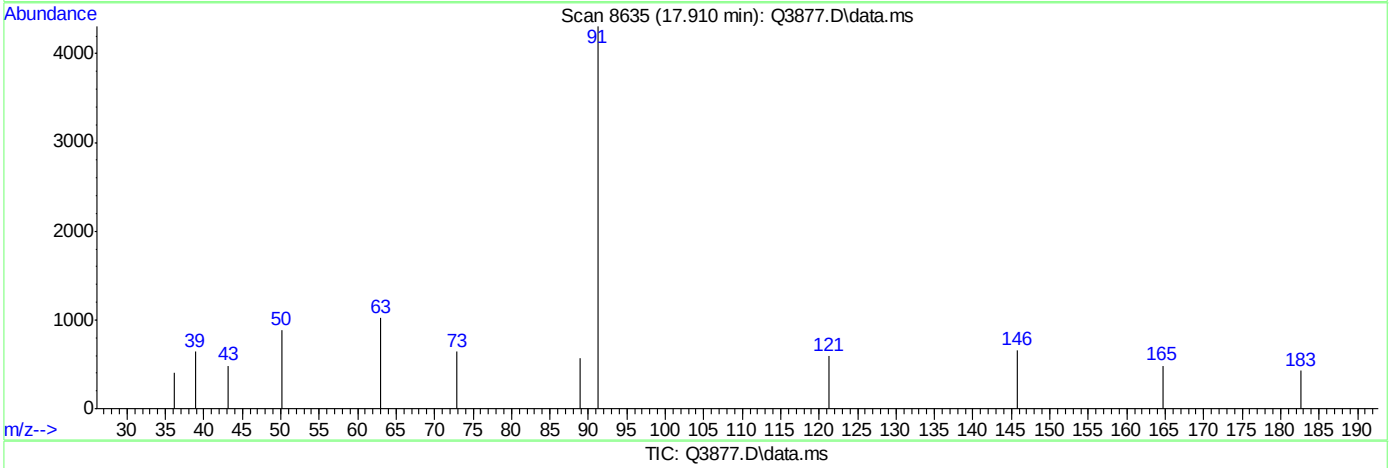
ACCUTEST Laboratories M65960

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

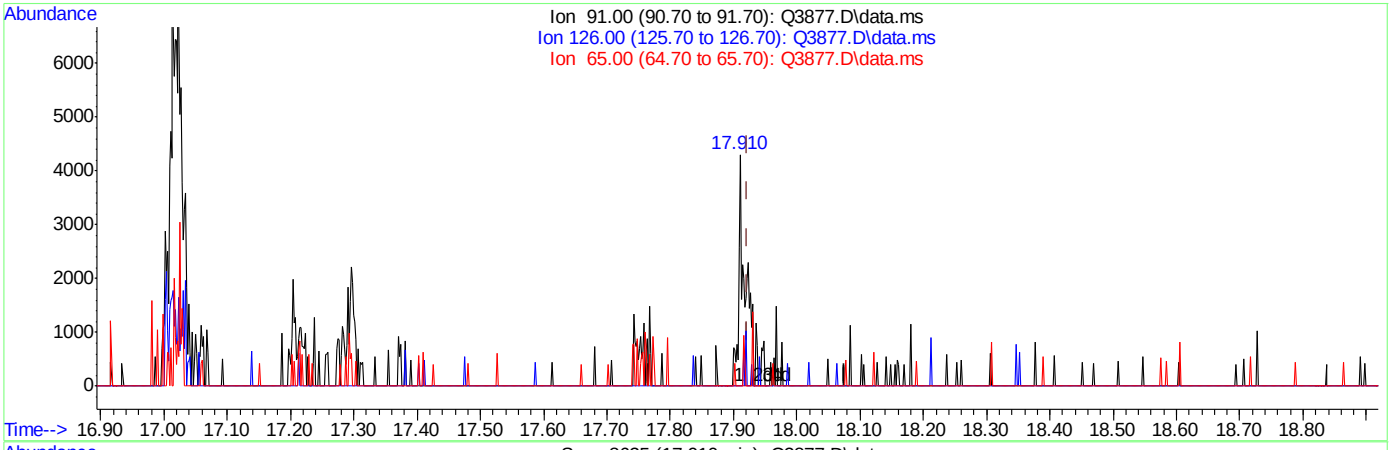
Ion	Exp%	Act%
91.00	100	100
126.00	19.00	8.92
65.00	13.90	7.43
0.00	0.00	0.00

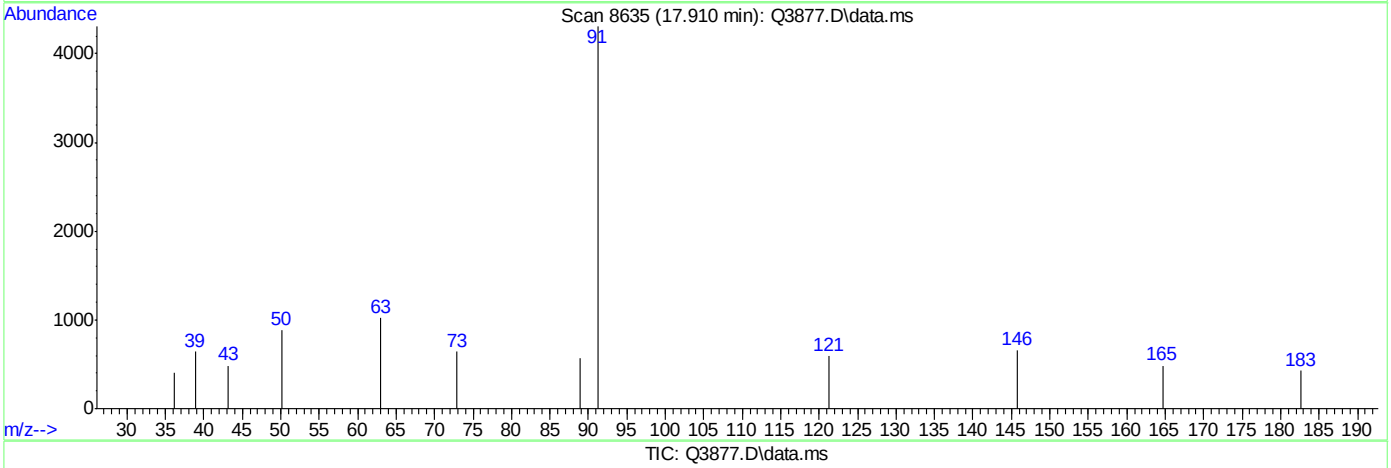
ACCUTEST Laboratories M65960

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

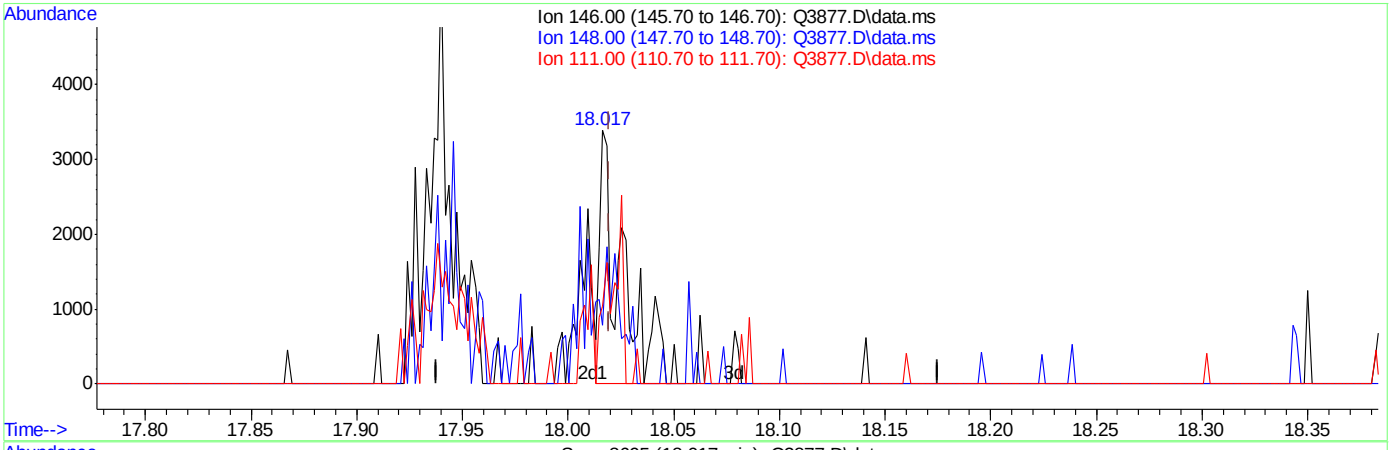
Ion	Exp%	Act%
91.00	100	100
126.00	19.00	5.09
65.00	13.90	4.24
0.00	0.00	0.00

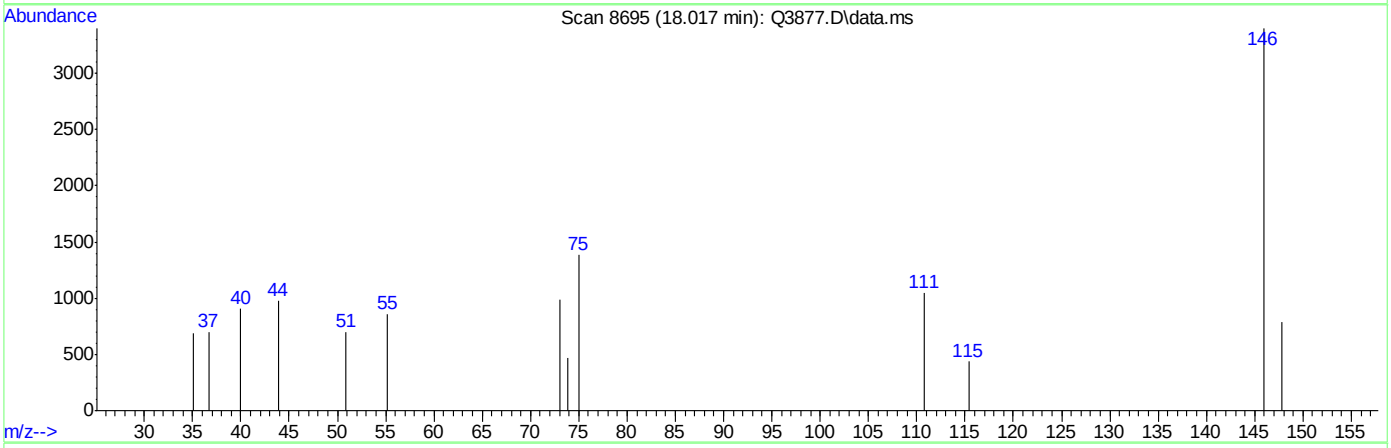
ACCUTEST Laboratories M65960

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

(70) p-DICHLOROBENZENE (m)

18.017min (-0.003) 0.35PPBV

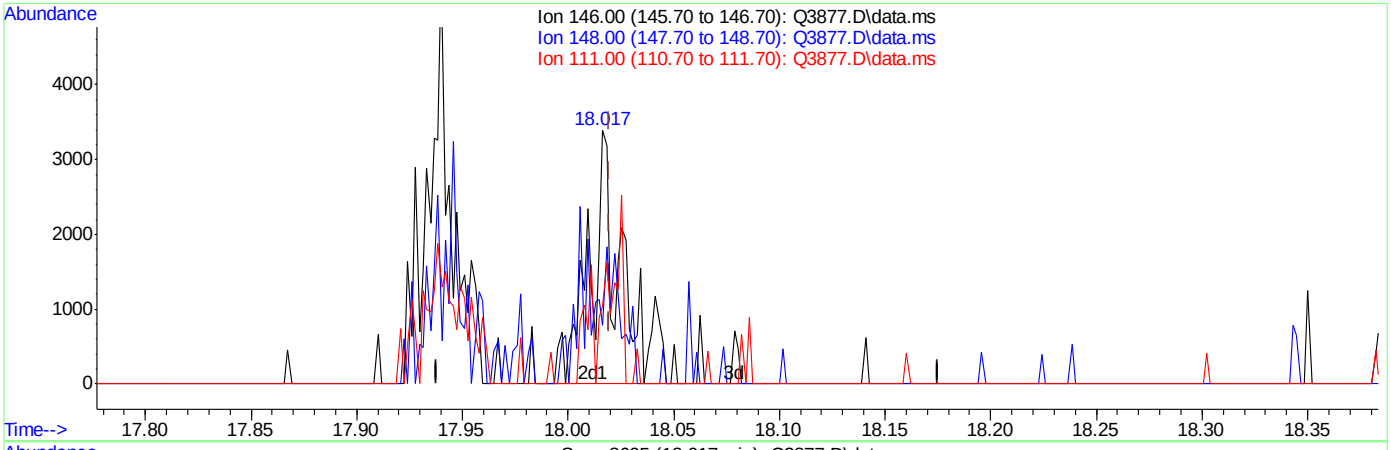
response 2490

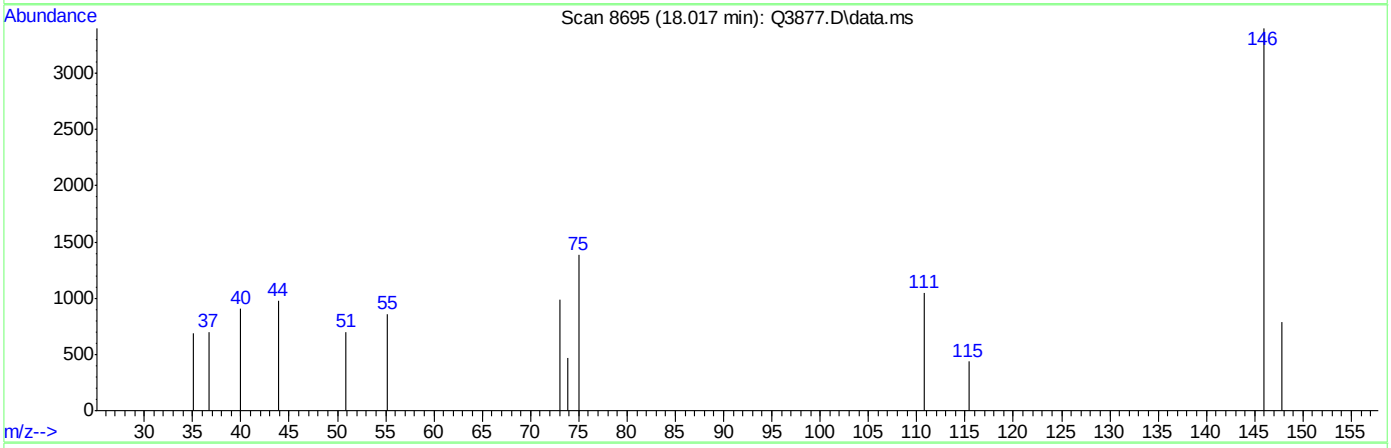
Ion	Exp%	Act%
146.00	100	100
148.00	63.40	0.00#
111.00	41.10	41.24
0.00	0.00	0.00

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

ACCUTEST Laboratories M65960

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

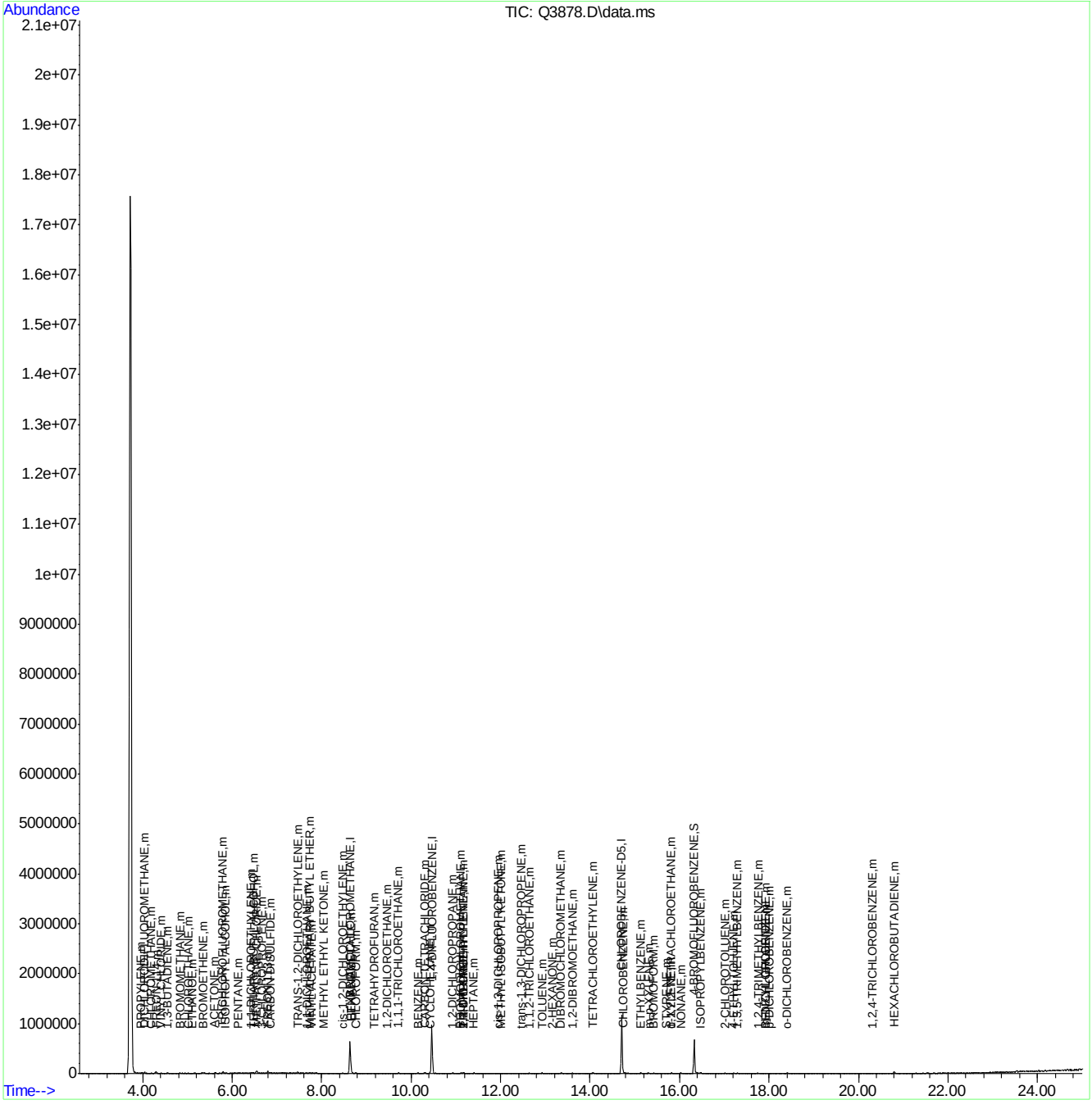
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.011	43	2163m	0.08	PPBV	
45) cis-1,3-DICHLOROPROPENE	11.961	75	2641m	0.12	PPBV	
46) TOLUENE	12.925	92	3690	0.16	PPBV #	33
47) trans-1,3-DICHLOROPROPENE	12.458	75	1702m	0.09	PPBV	
48) 1,1,2-TRICHLOROETHANE	12.659	83	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

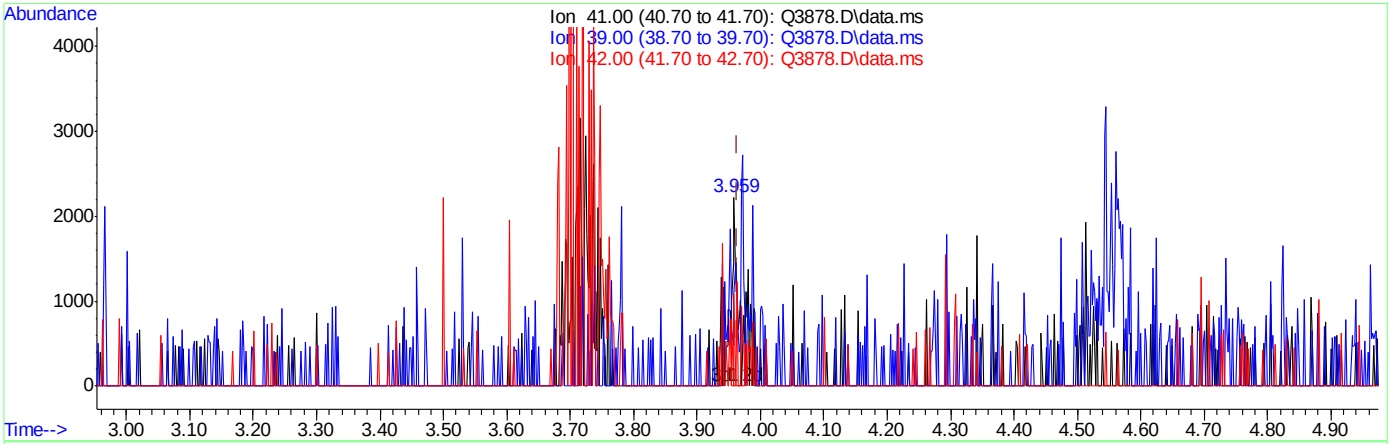
Quant Time: Jul 02 18:45:31 2007
Quant Method : C:\msdchem\1\METHODS\Q062707T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jul 02 18:38:33 2007
Response via : Initial Calibration

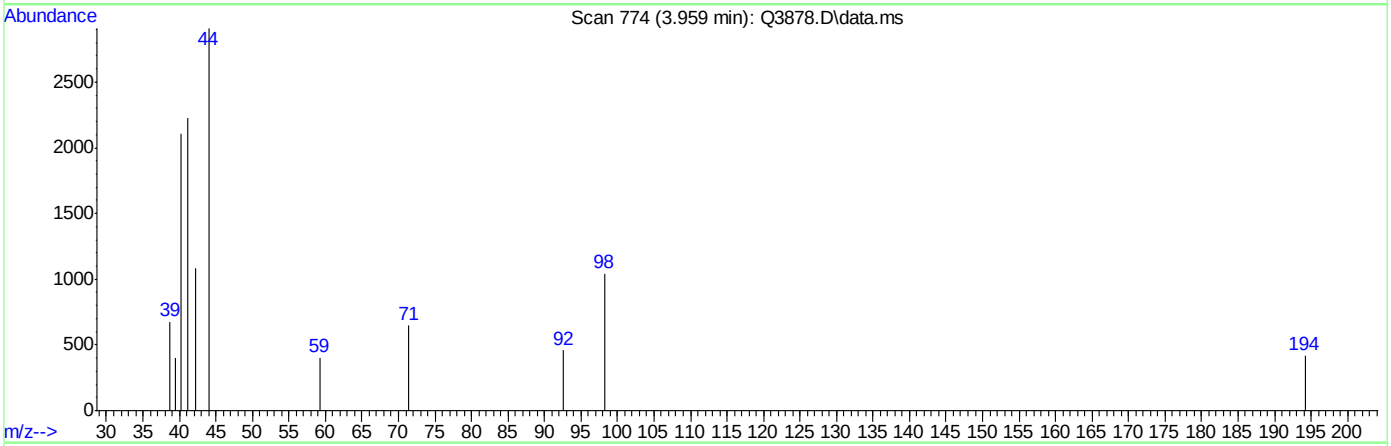


Quantitation Report (Qedit)

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

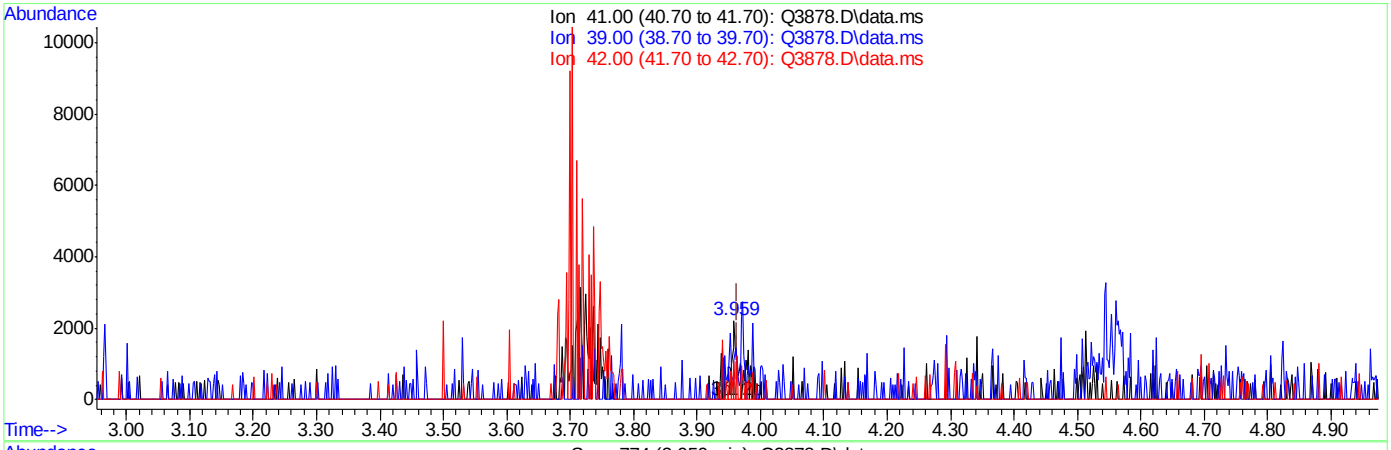
response 1201

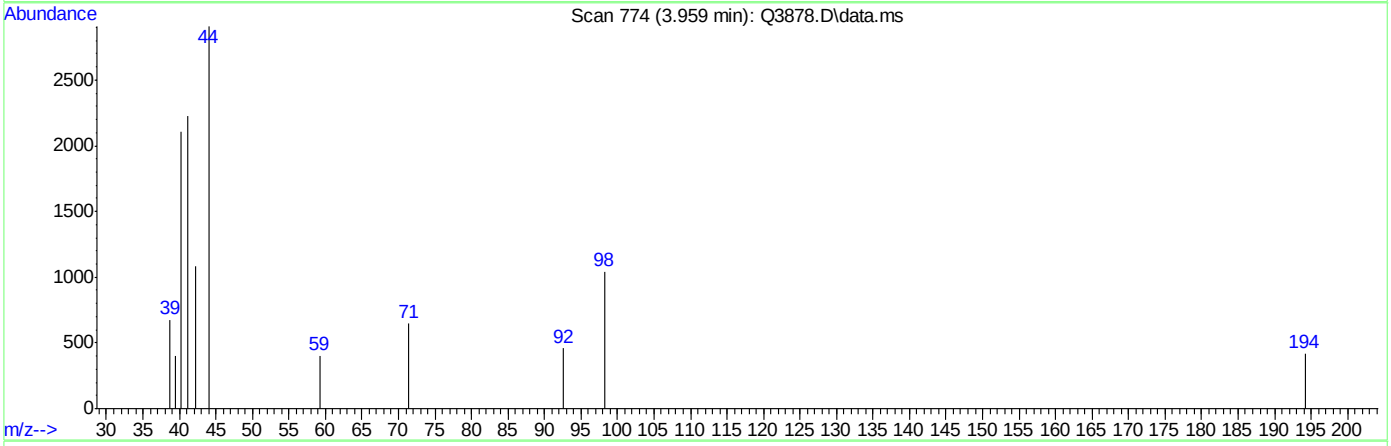
Ion	Exp%	Act%
41.00	100	100
39.00	72.50	48.60#
42.00	67.80	48.78
0.00	0.00	0.00

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

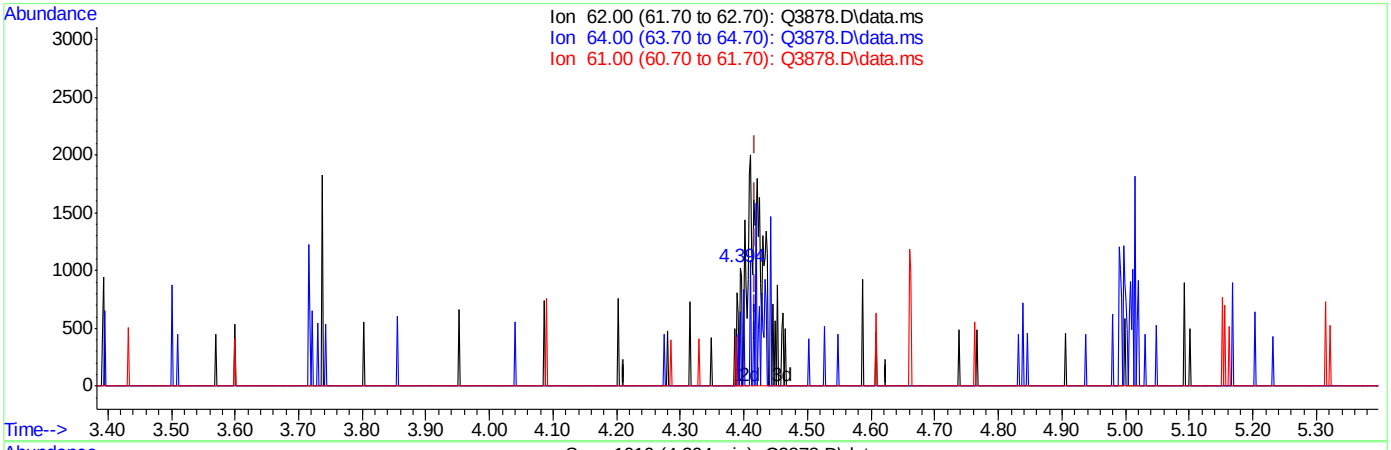
response 2598

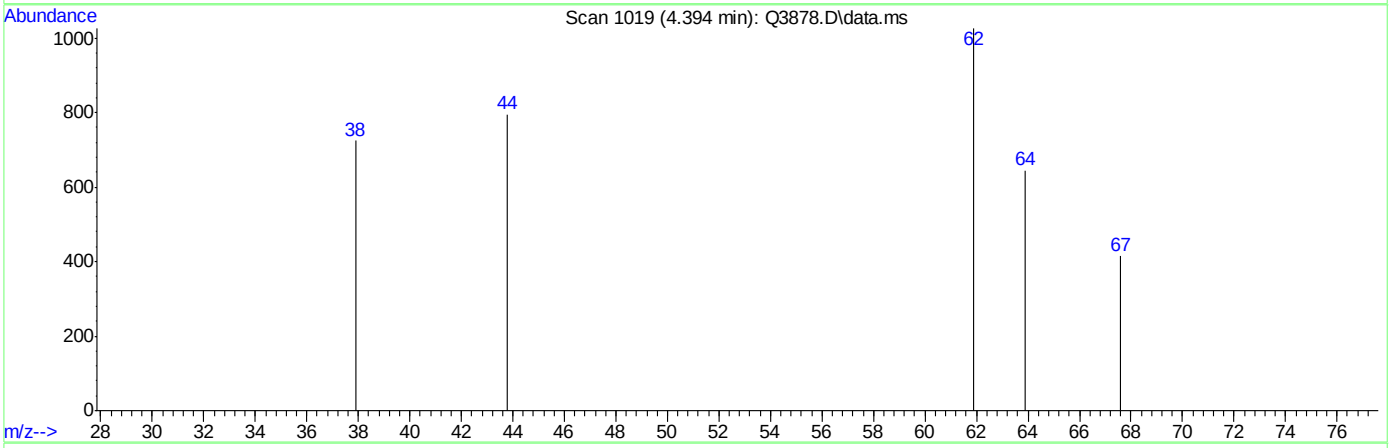
Ion	Exp%	Act%
41.00	100	100
39.00	72.50	30.51#
42.00	67.80	48.78
0.00	0.00	0.00

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

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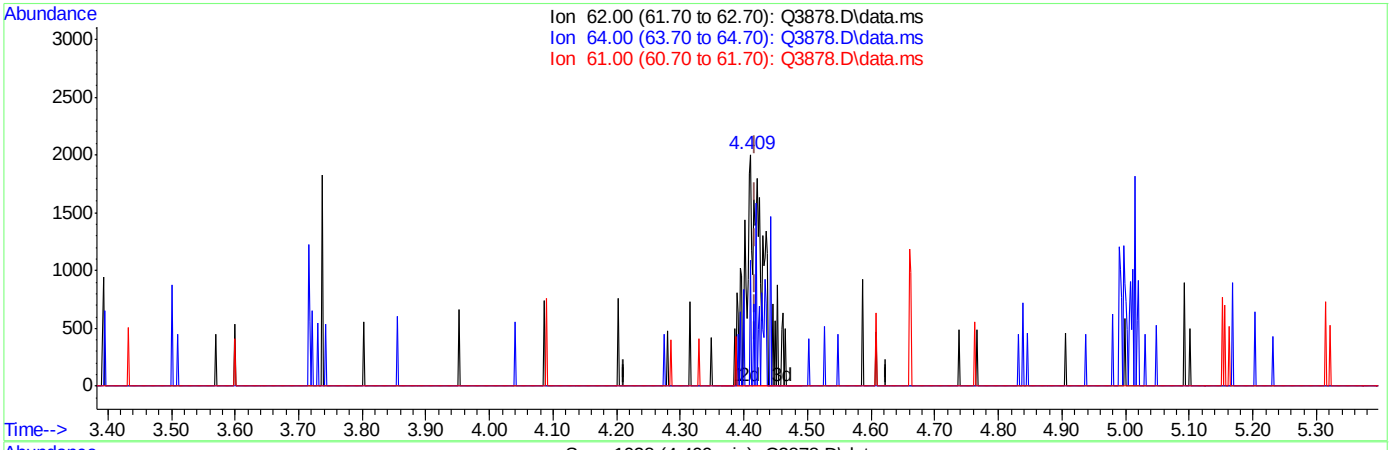
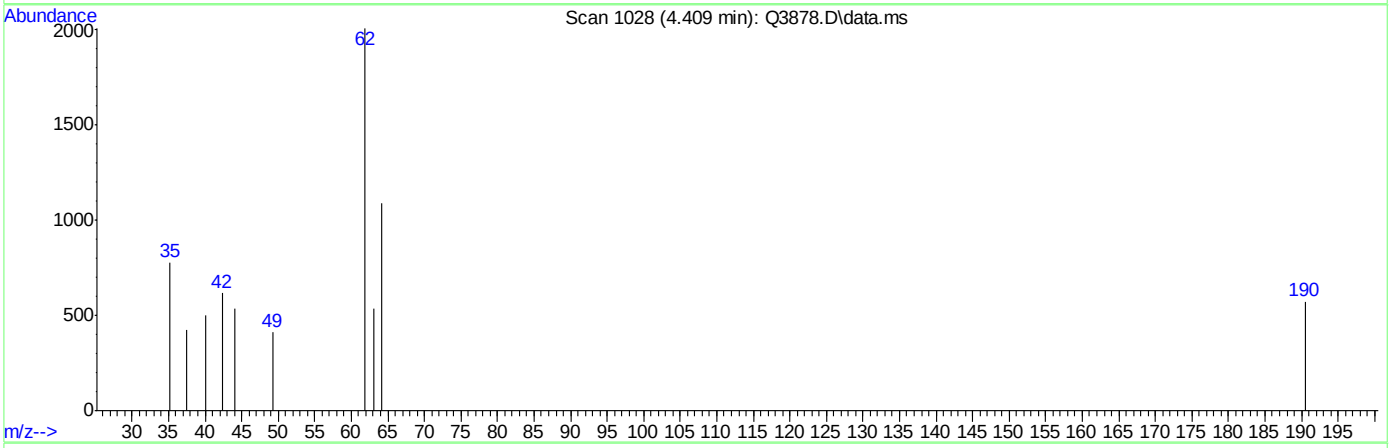
Quantitation Report (Qedit)

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

(6) VINYL CHLORIDE (m)

4.409min (-0.009) 0.20PPBV m

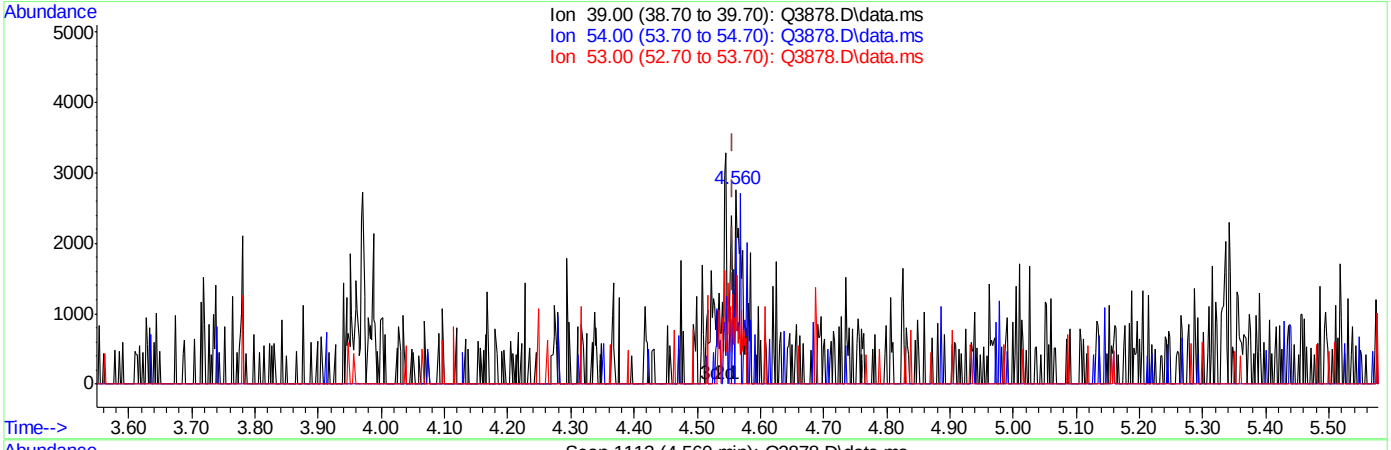
response 3679

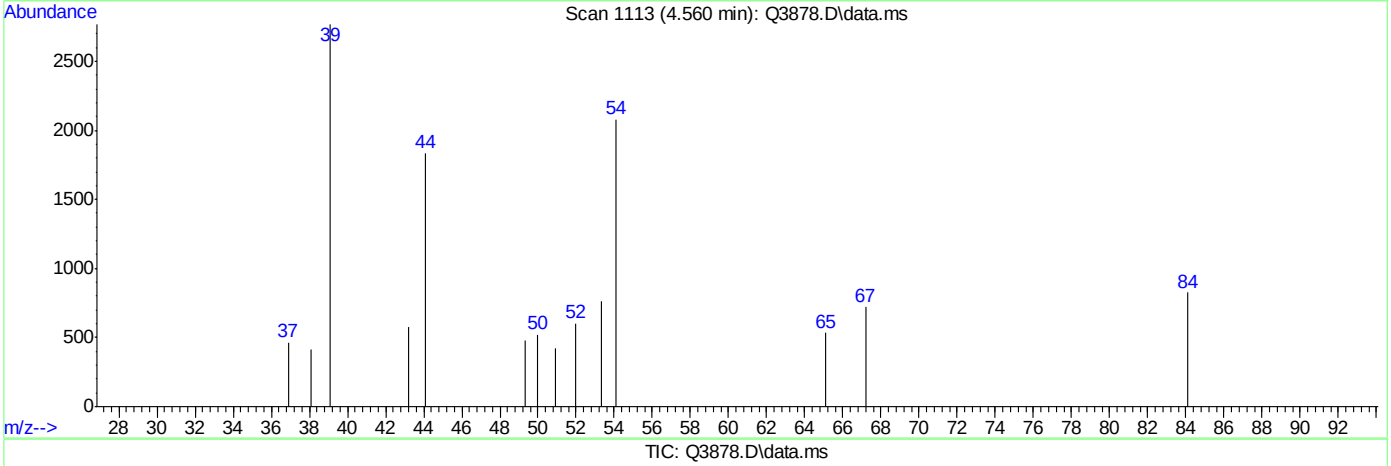
Ion	Exp%	Act%
62.00	100	100
64.00	30.40	5.57#
61.00	8.60	1.22
0.00	0.00	0.00

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

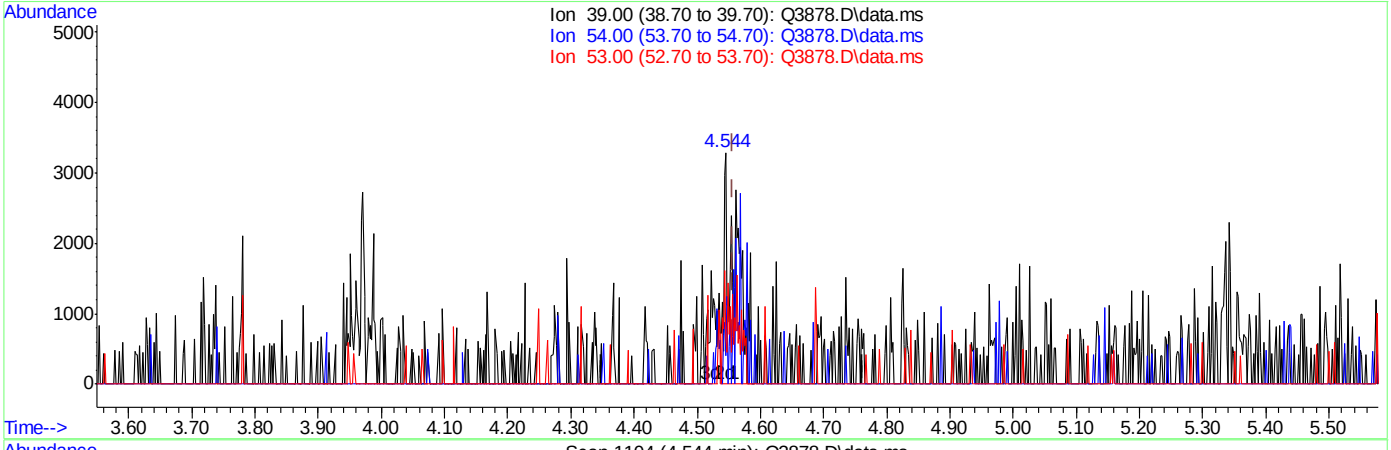
Ion	Exp%	Act%
39.00	100	100
54.00	111.20	46.66#
53.00	75.80	0.00#
0.00	0.00	0.00

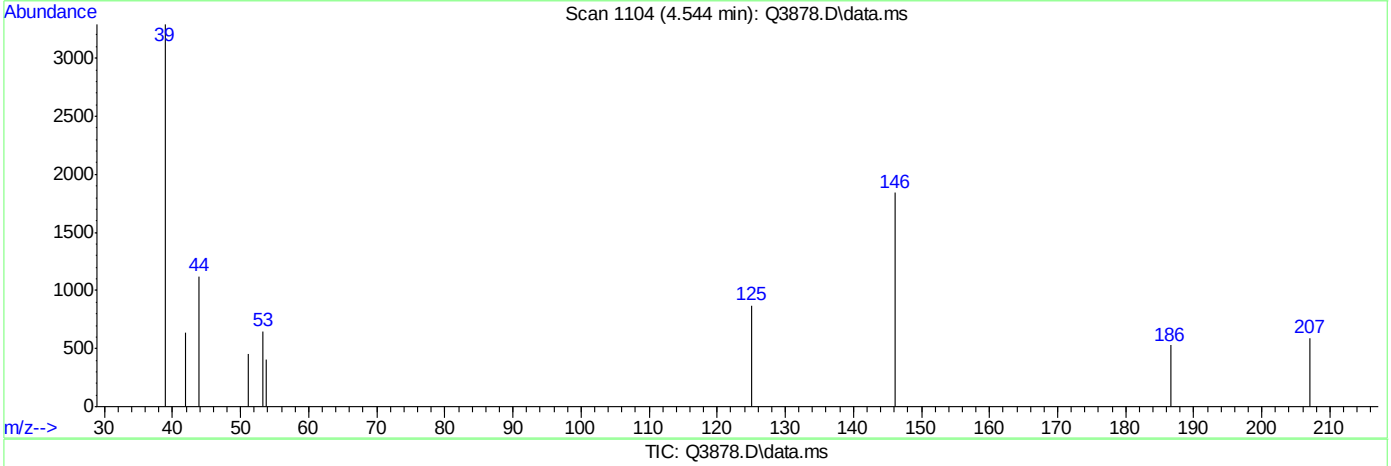
ACCUTEST Laboratories M65960

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

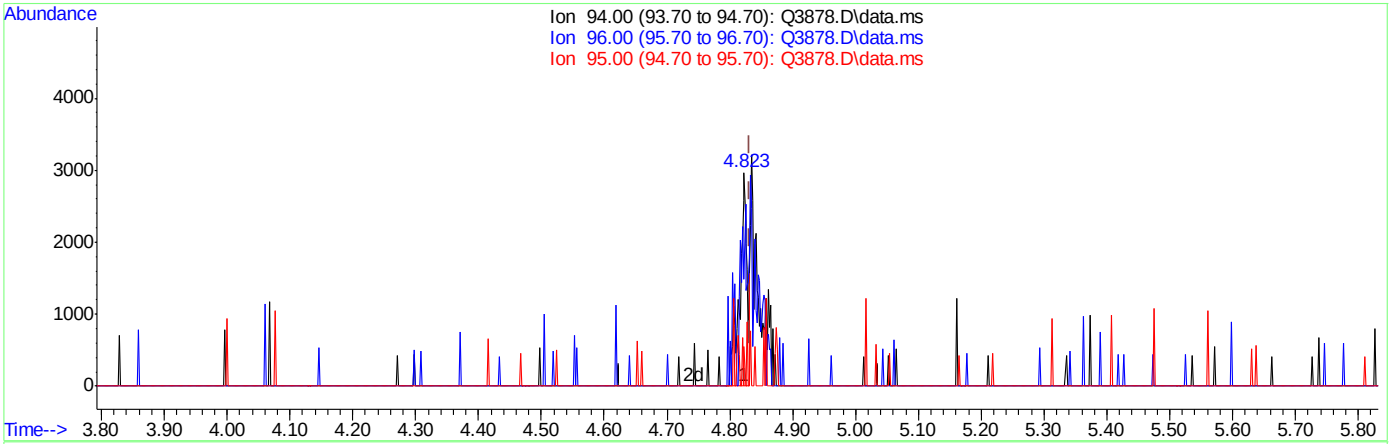
response 4150

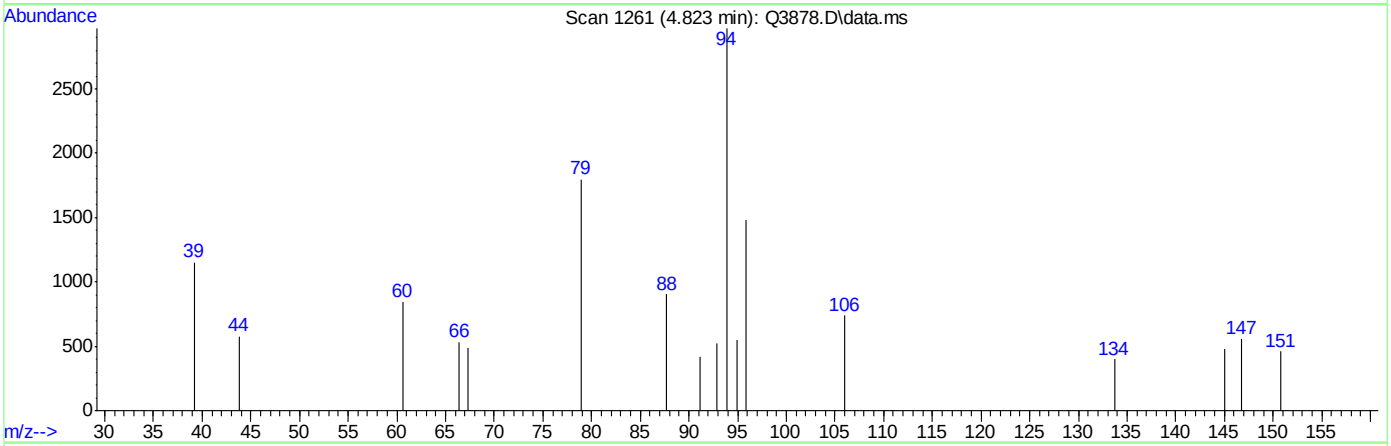
Ion	Exp%	Act%
39.00	100	100
54.00	111.20	28.27#
53.00	75.80	0.00#
0.00	0.00	0.00

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

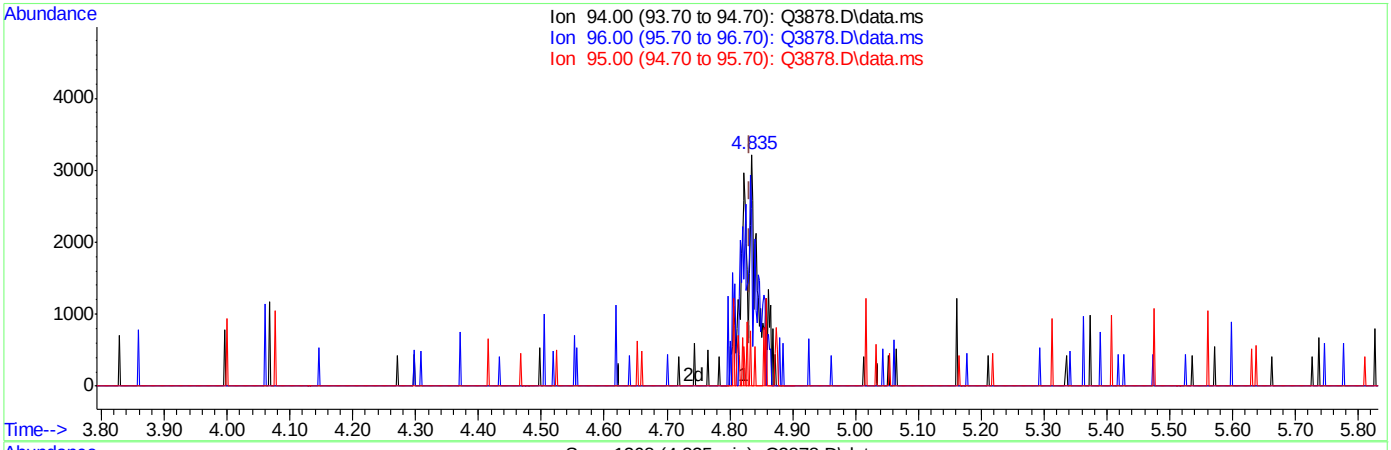
Ion	Exp%	Act%
94.00	100	100
96.00	93.00	59.69#
95.00	13.50	8.71
0.00	0.00	0.00

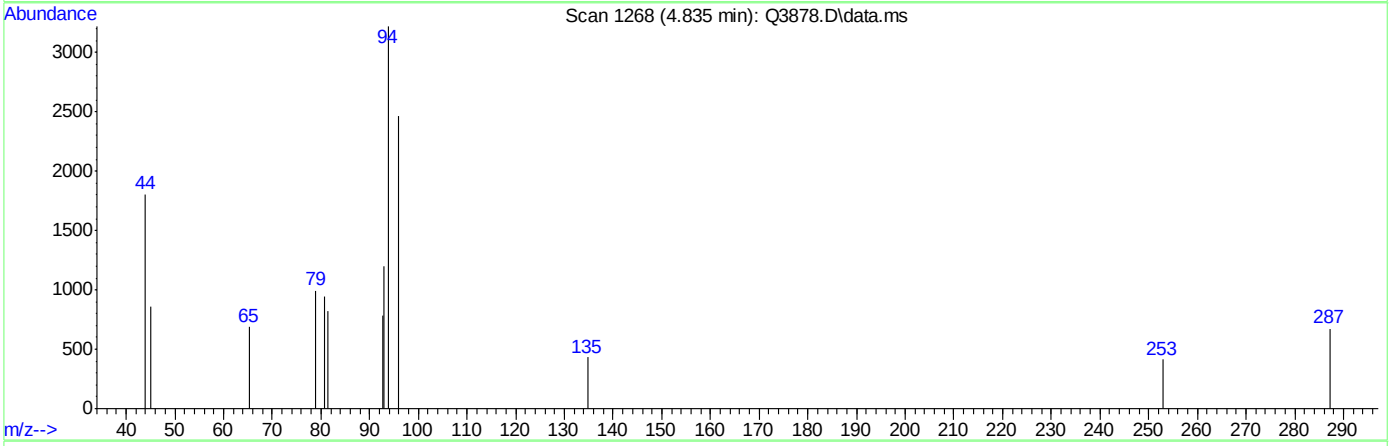
ACCUTEST Laboratories M65960

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

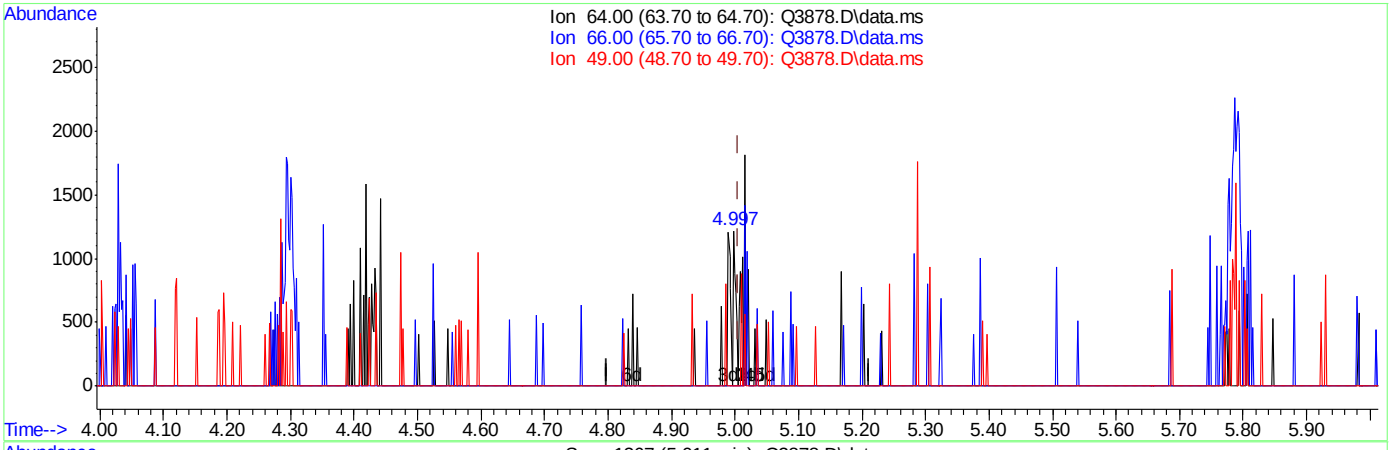
Ion	Exp%	Act%
94.00	100	100
96.00	93.00	28.90#
95.00	13.50	4.22
0.00	0.00	0.00

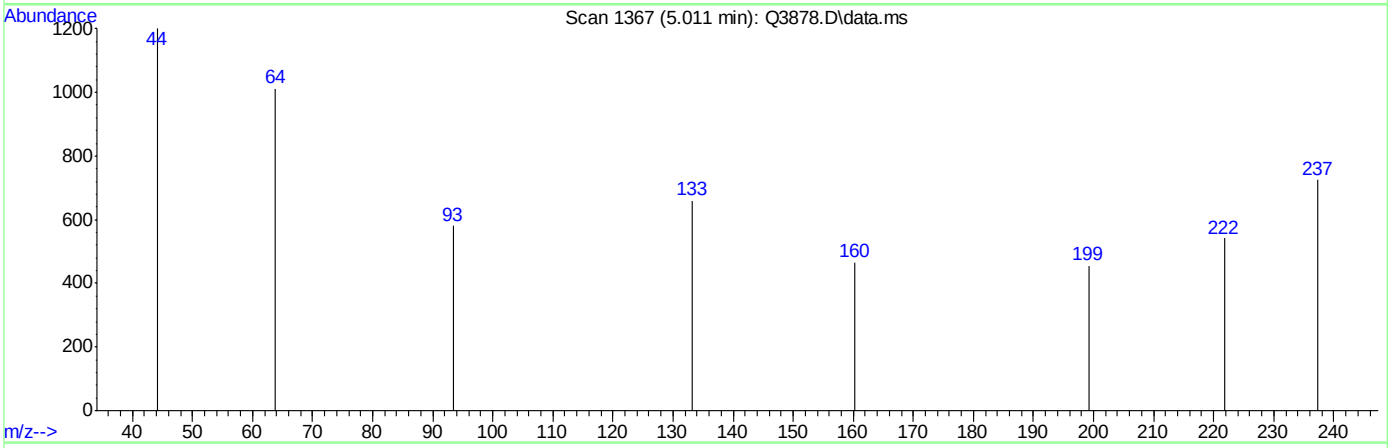
ACCUTEST Laboratories M65960

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

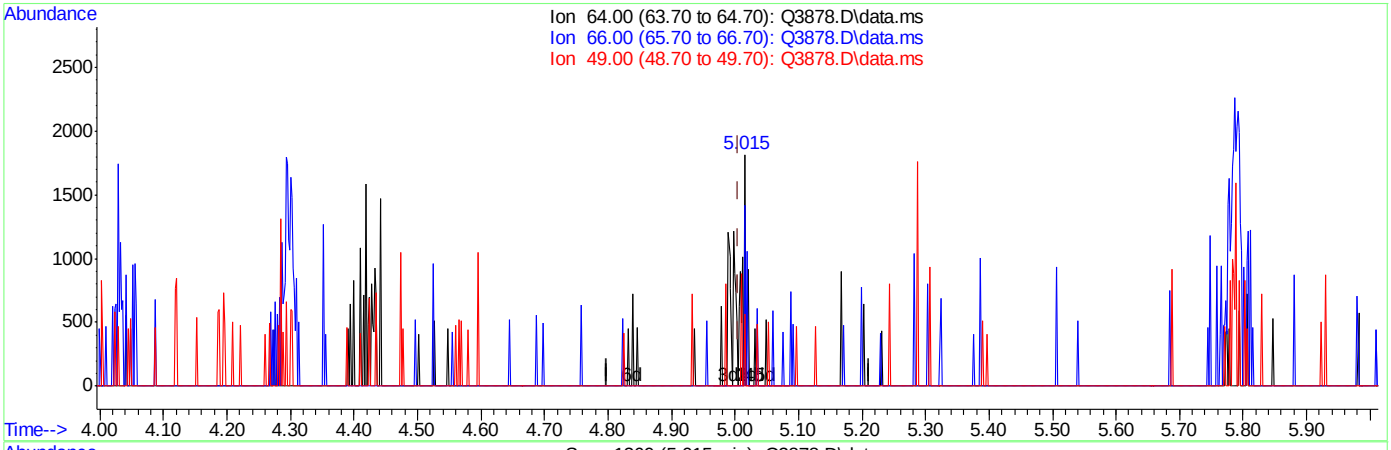
response 677

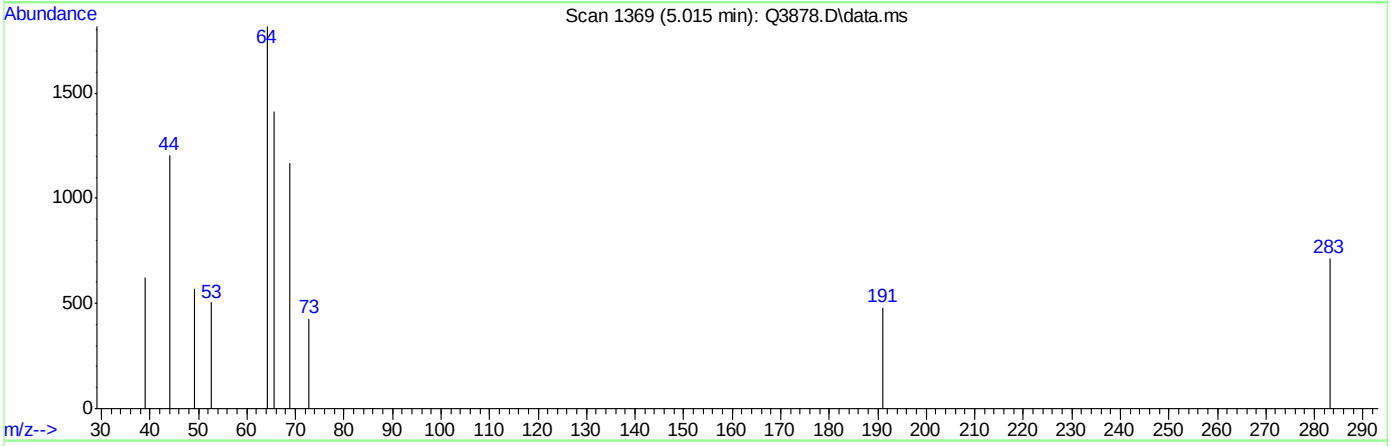
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	0.00#
49.00	36.50	22.75
0.00	0.00	0.00

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

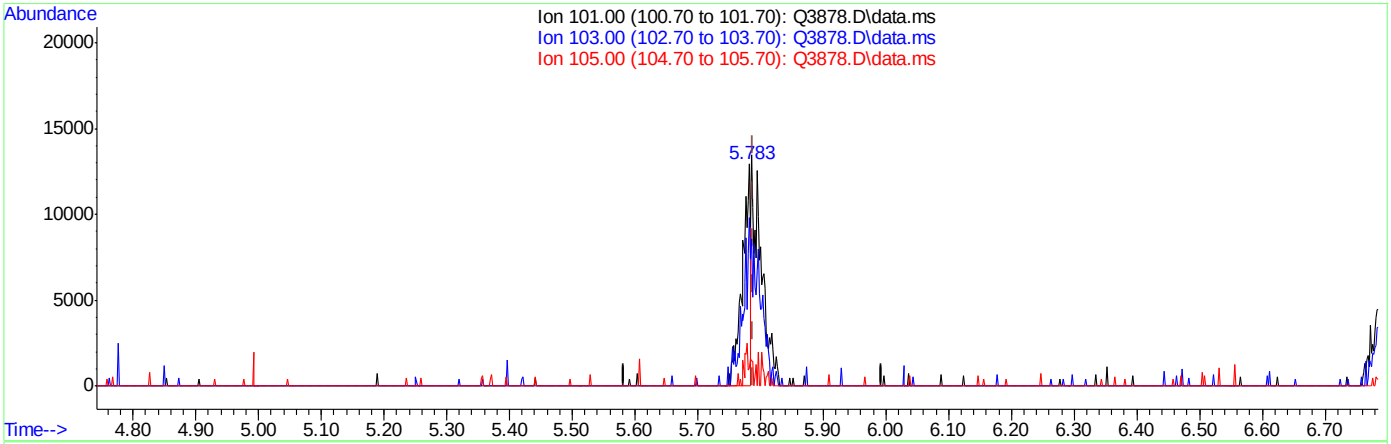
response 1516

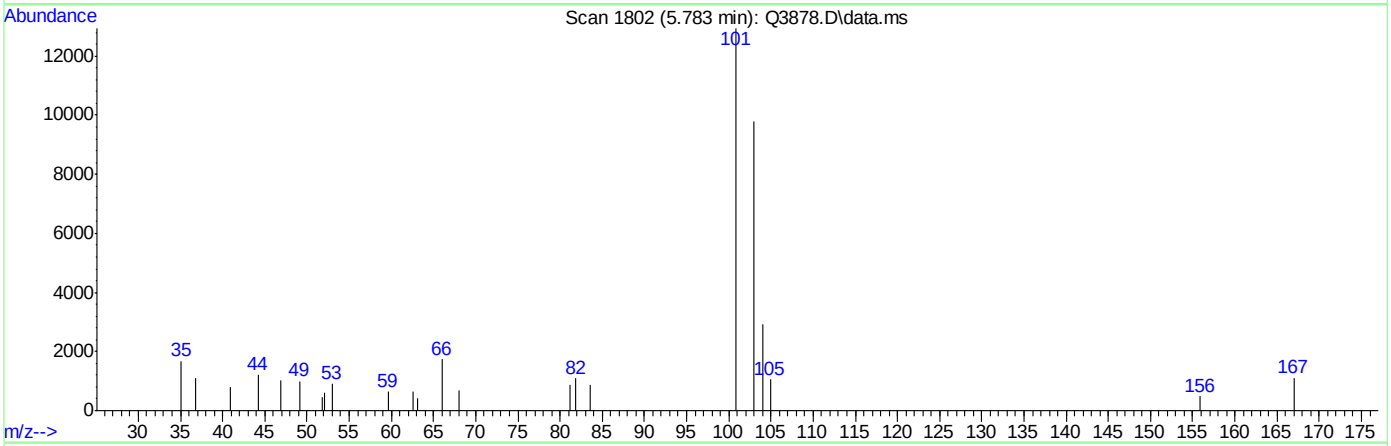
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	0.00#
49.00	36.50	10.16#
0.00	0.00	0.00

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

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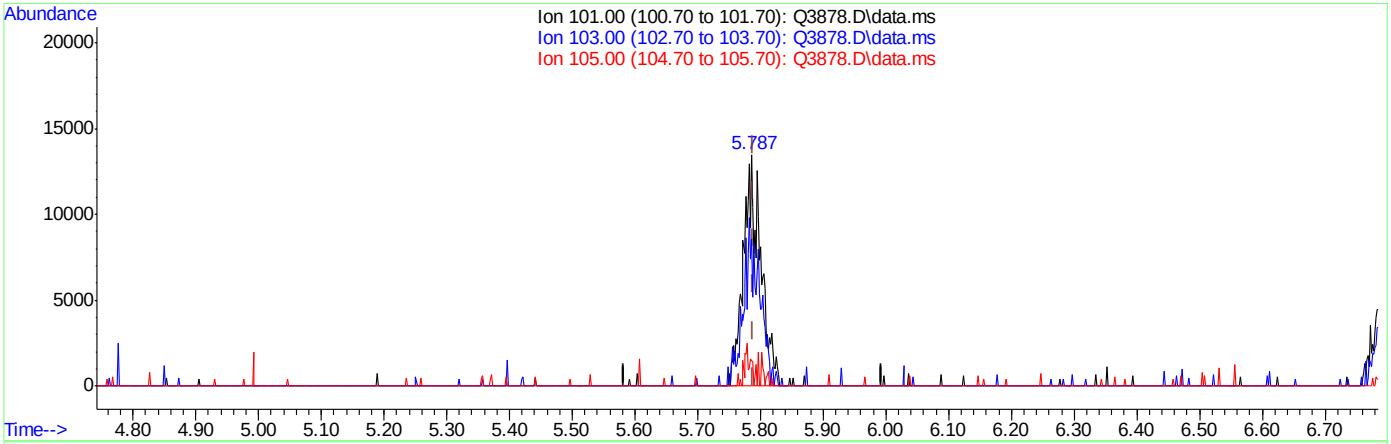
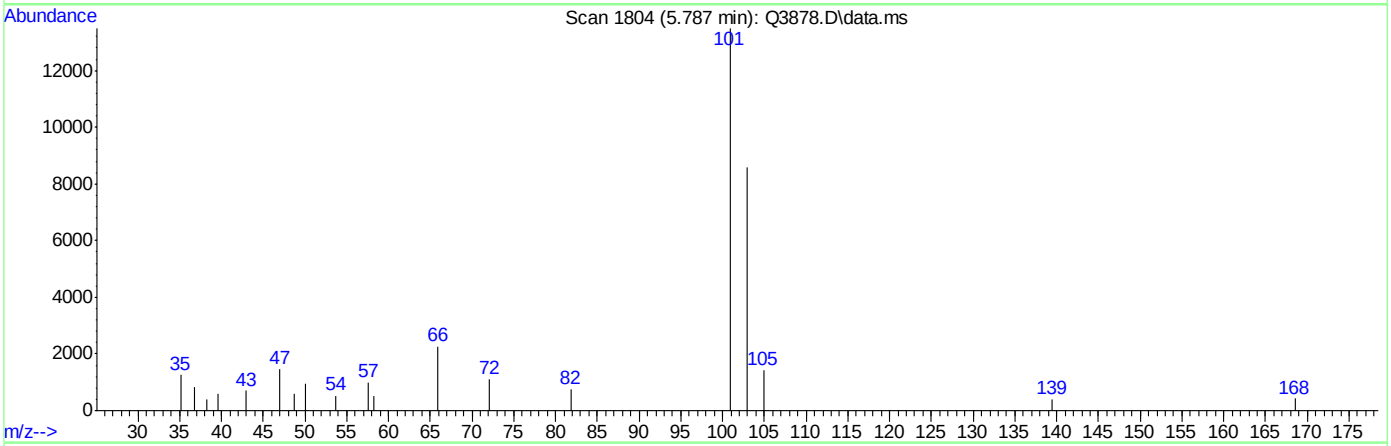
Quantitation Report (Qedit)

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

(10) TRICHLOROFLUOROMETHANE (m)

5.787min (-0.002) 0.23PPBV m

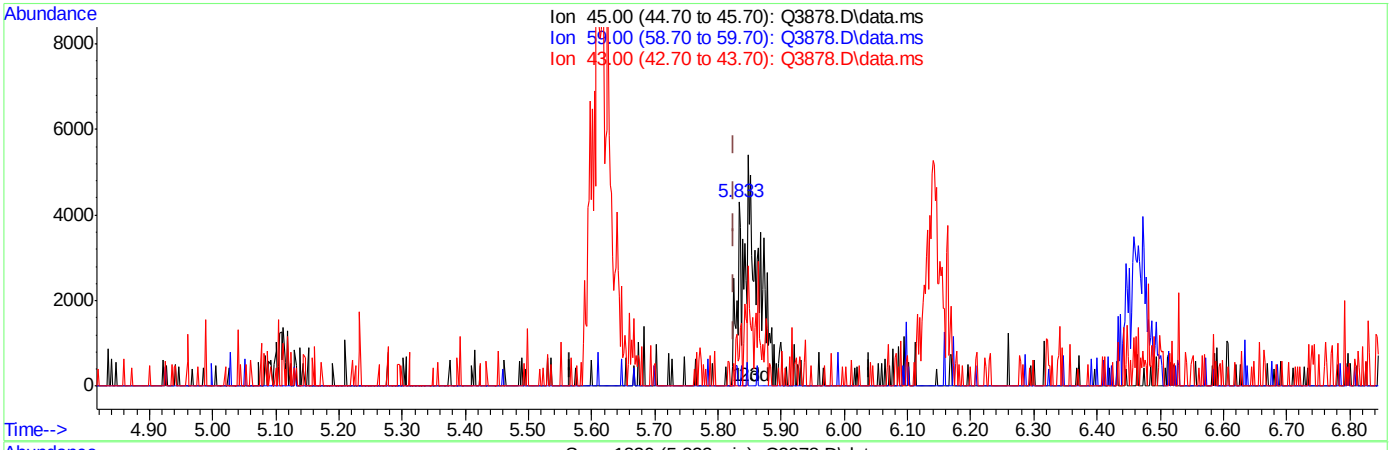
response 26406

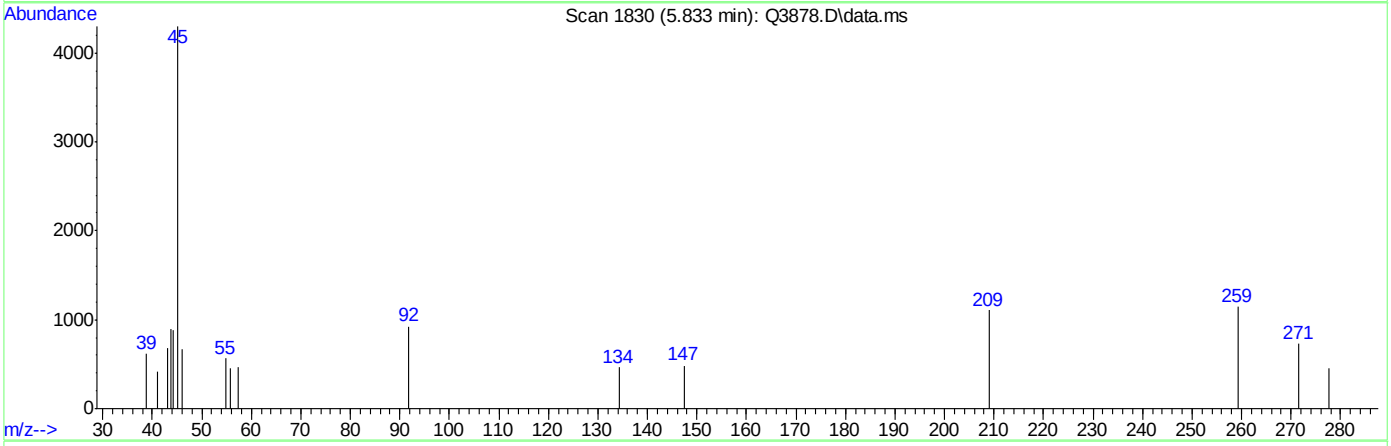
Ion	Exp%	Act%
101.00	100	100
103.00	64.30	42.90#
105.00	10.20	6.65
0.00	0.00	0.00

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

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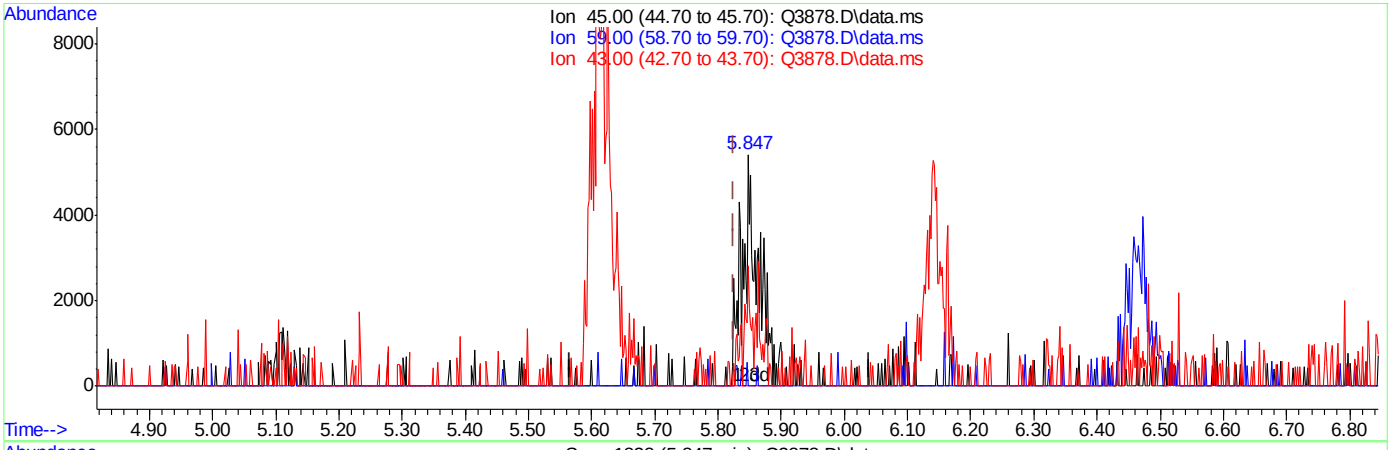
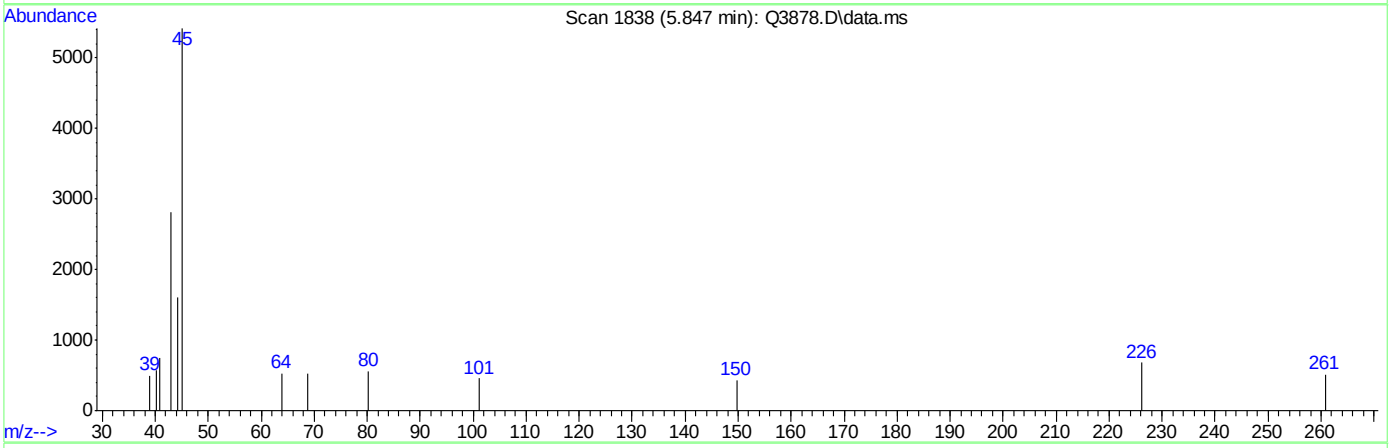
Quantitation Report (Qedit)

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

(11) ISOPROPYL ALCOHOL (m)

5.847min (+0.022) 0.28PPBV m

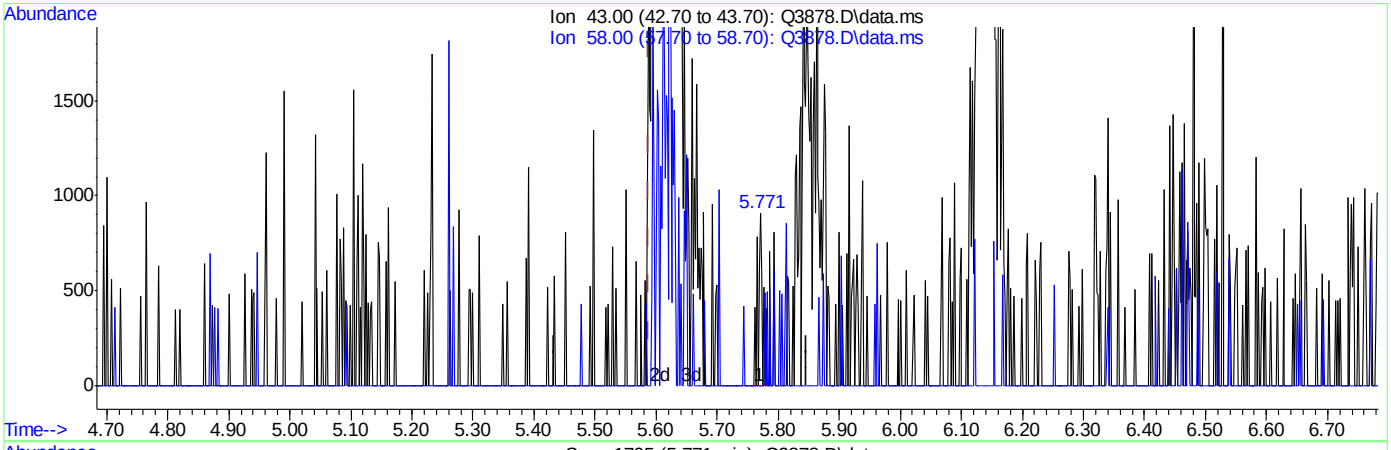
response 9855

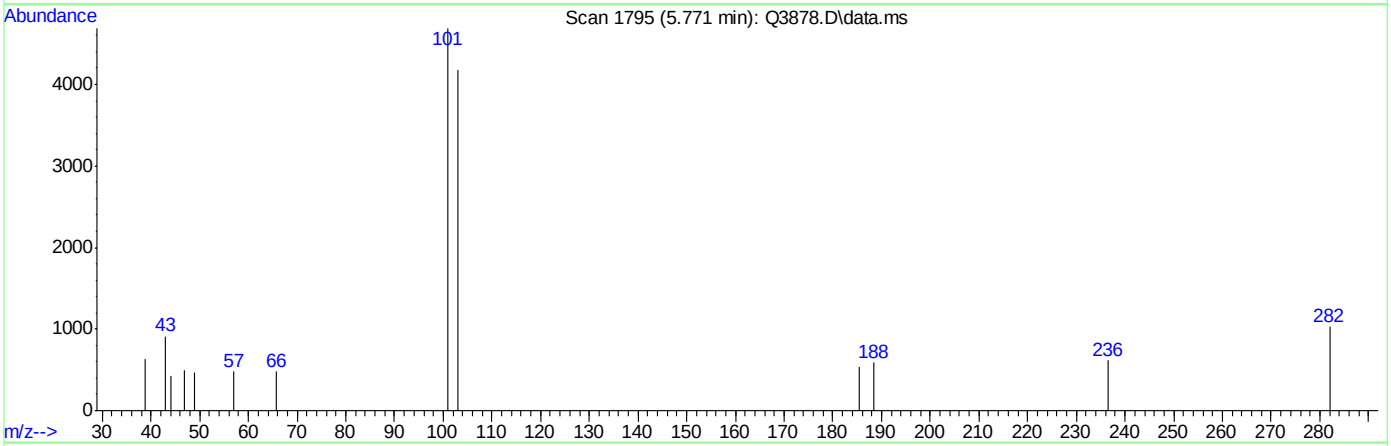
Ion	Exp%	Act%
45.00	100	100
59.00	3.70	0.00
43.00	19.70	51.86#
0.00	0.00	0.00

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)

5.771min (+0.182) 0.01PPBV

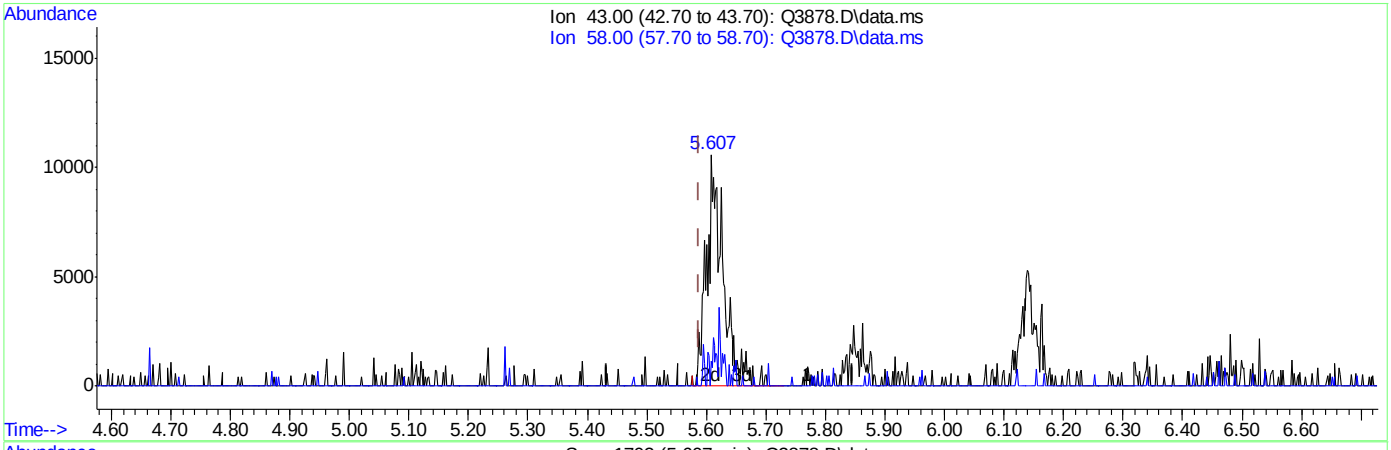
response 454

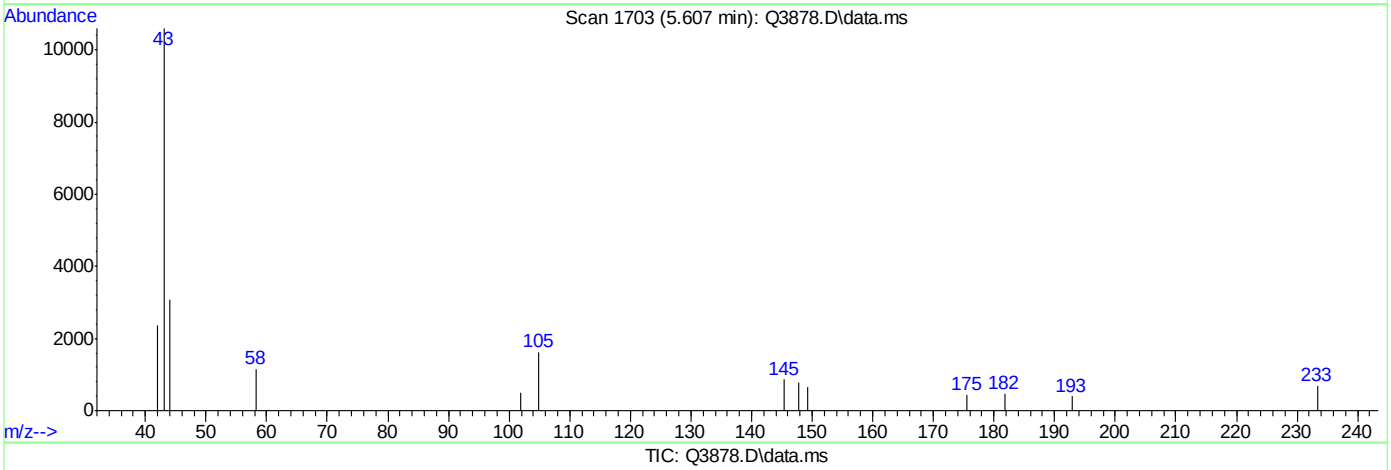
Ion	Exp%	Act%
43.00	100	100
58.00	29.00	24.01
0.00	0.00	0.00
0.00	0.00	0.00

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

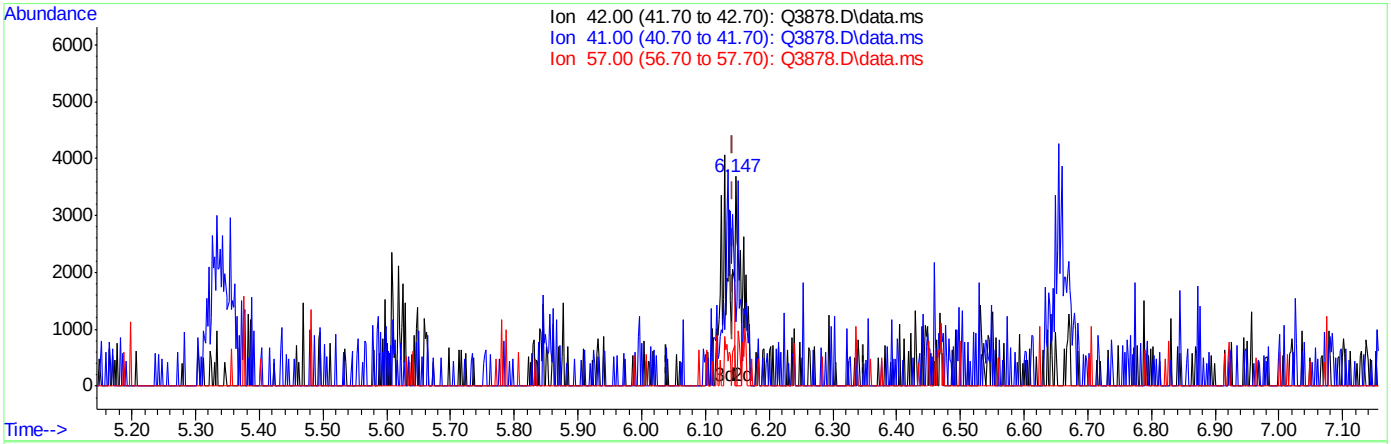
response 20364

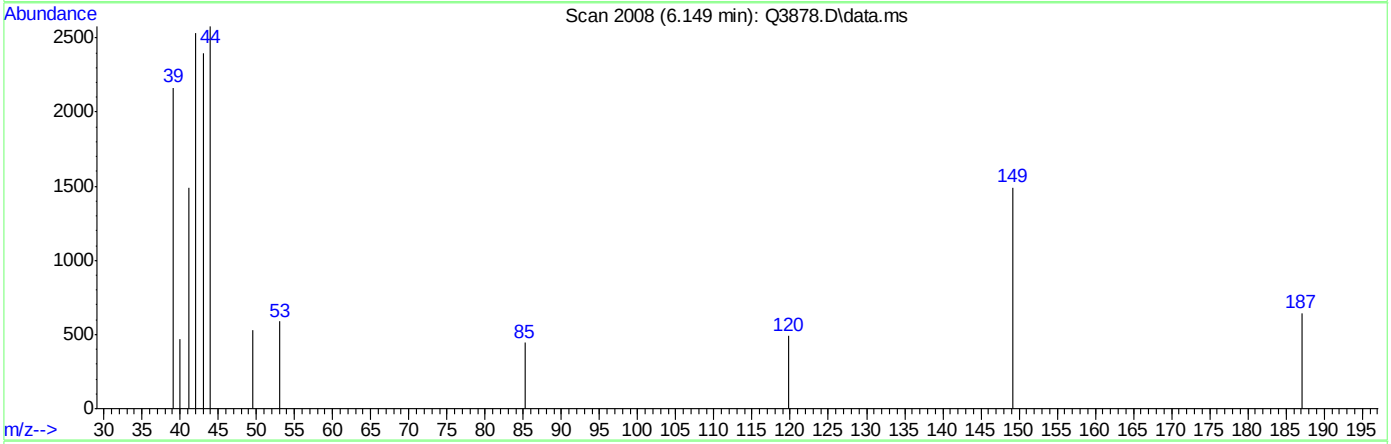
Ion	Exp%	Act%
43.00	100	100
58.00	29.00	0.54#
0.00	0.00	0.00
0.00	0.00	0.00

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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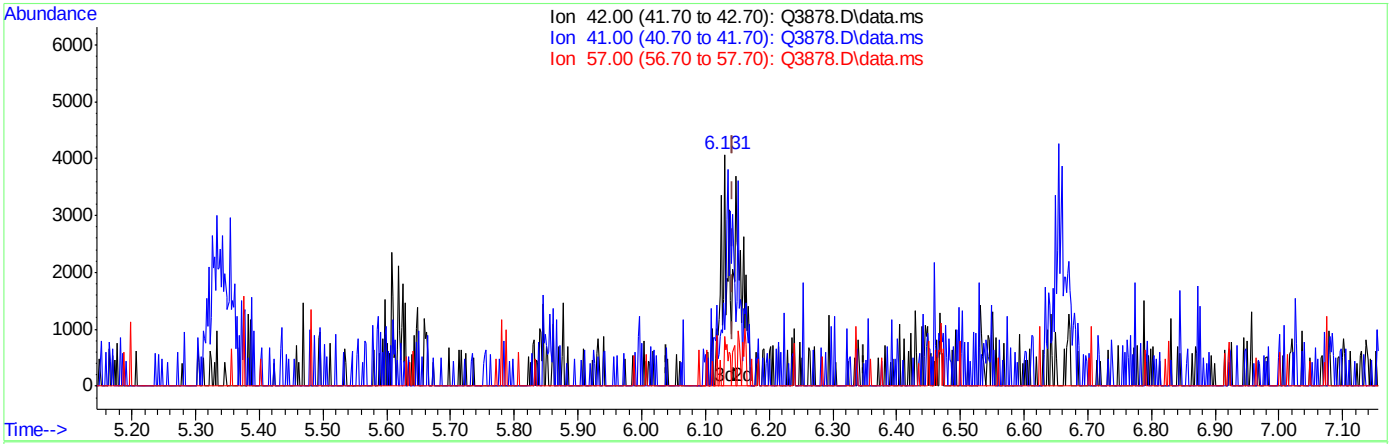
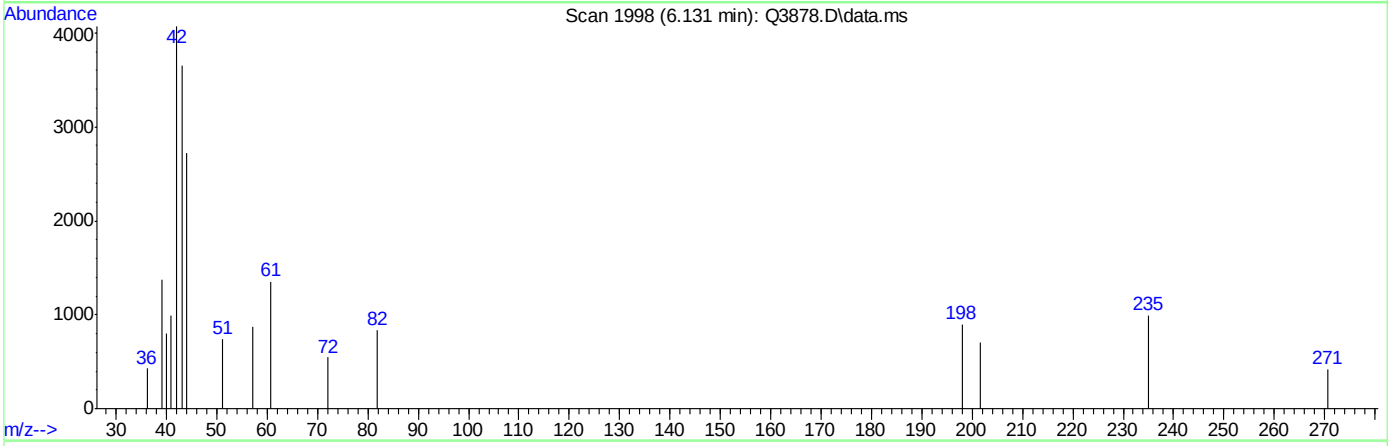
Quantitation Report (Qedit)

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

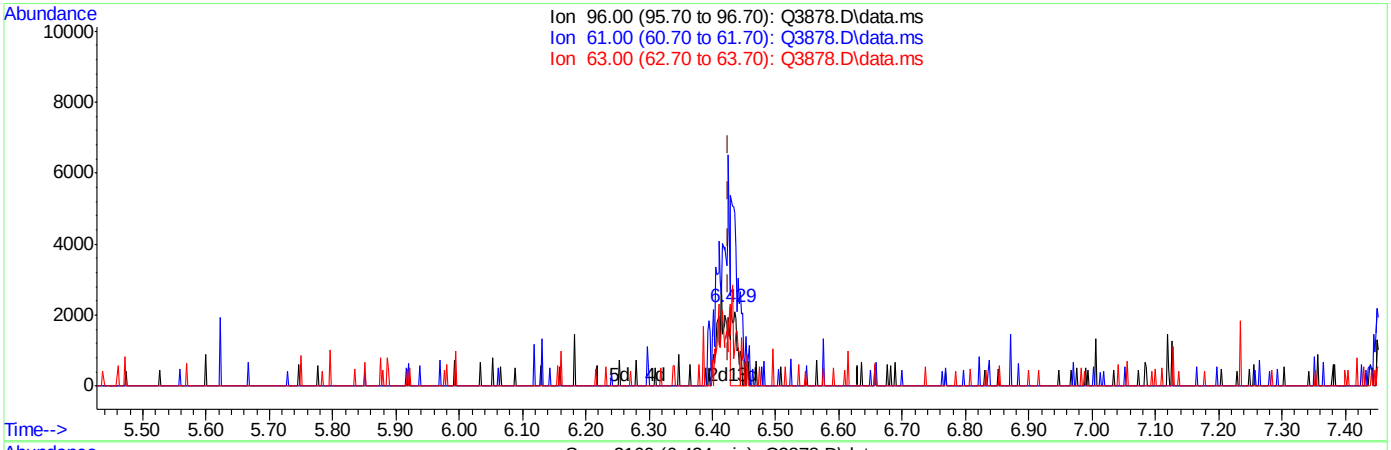
response 6033

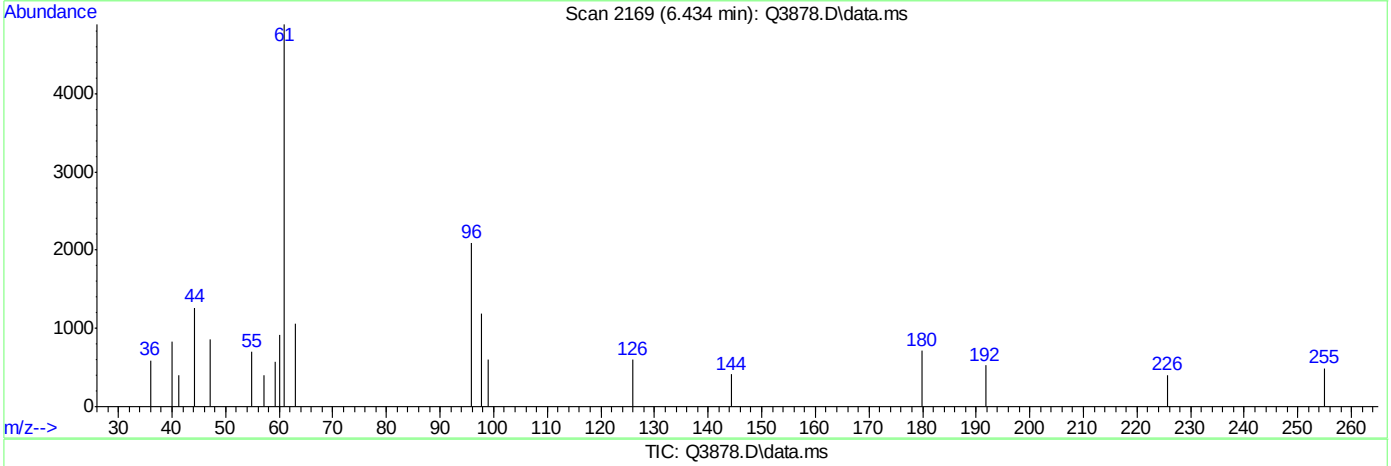
Ion	Exp%	Act%
42.00	100	100
41.00	94.80	0.00#
57.00	28.90	2.32#
0.00	0.00	0.00

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

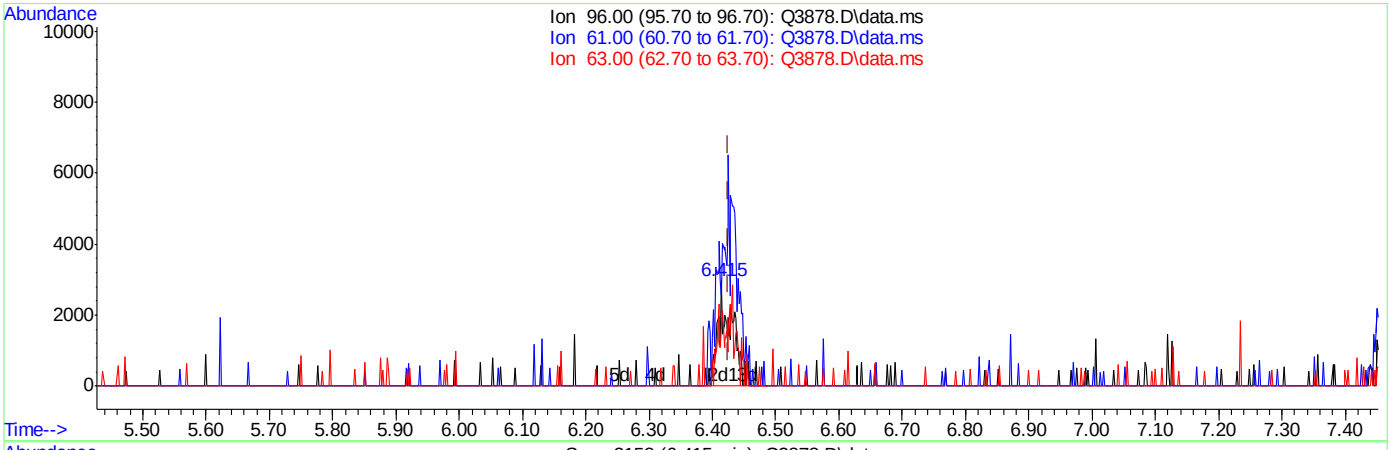
Ion	Exp%	Act%
96.00	100	100
61.00	213.40	296.30#
63.00	65.80	125.17#
0.00	0.00	0.00

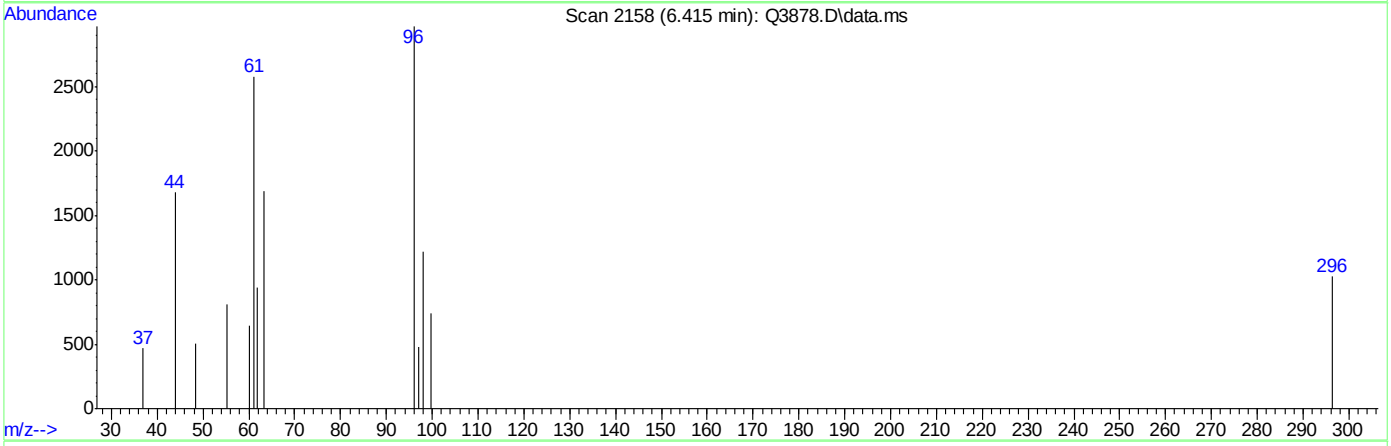
ACCUTEST Laboratories M65960

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

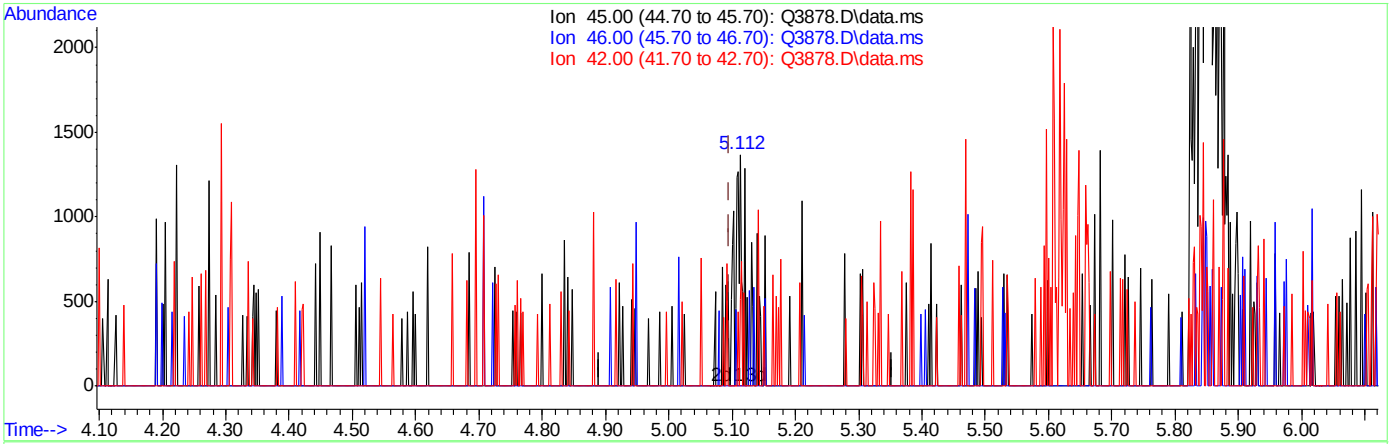
Ion	Exp%	Act%
96.00	100	100
61.00	213.40	105.81#
63.00	65.80	44.70#
0.00	0.00	0.00

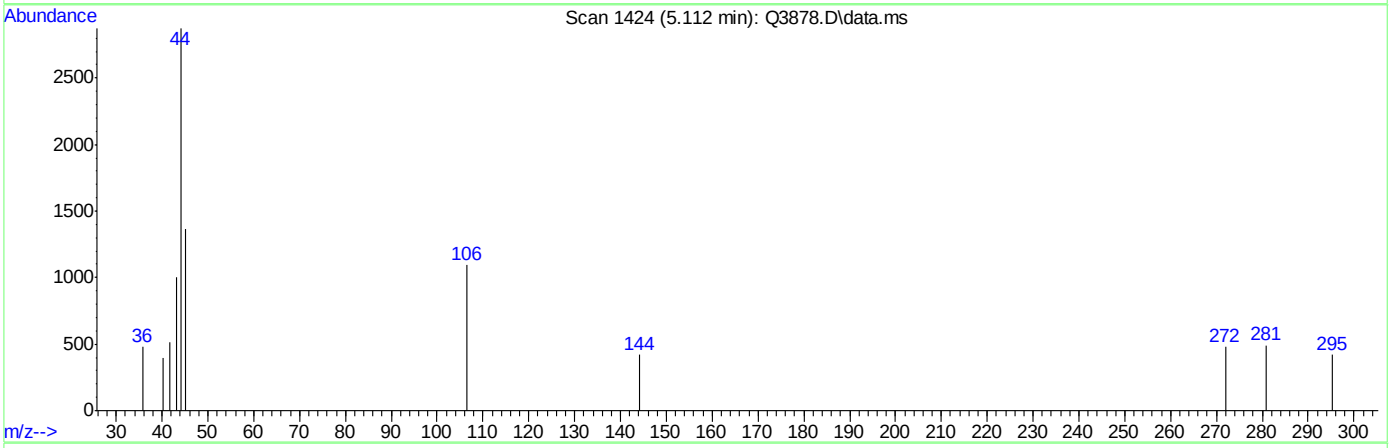
ACCUTEST Laboratories M65960

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

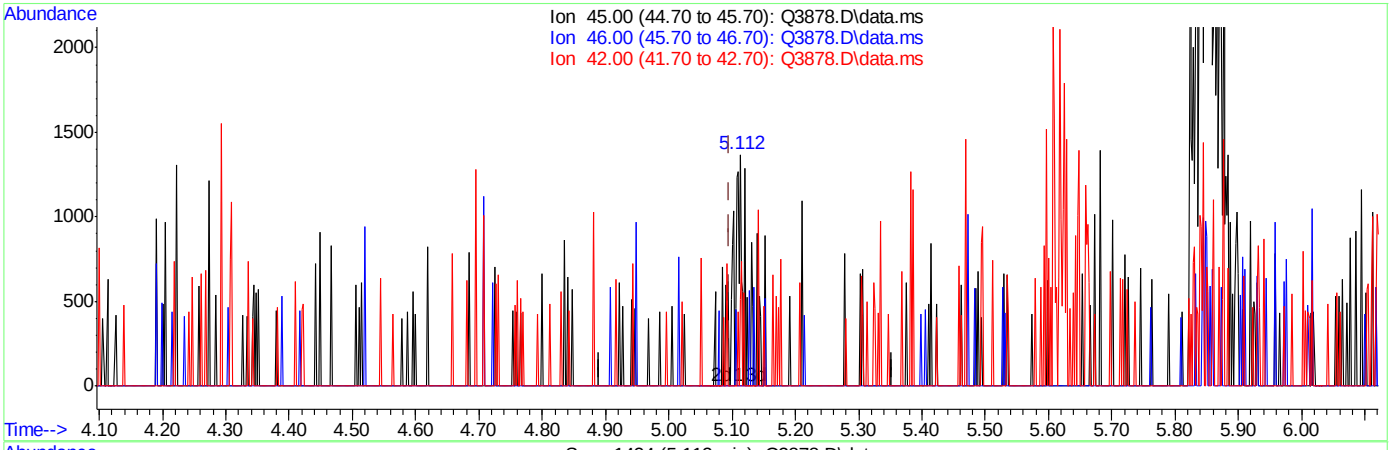
response 1041

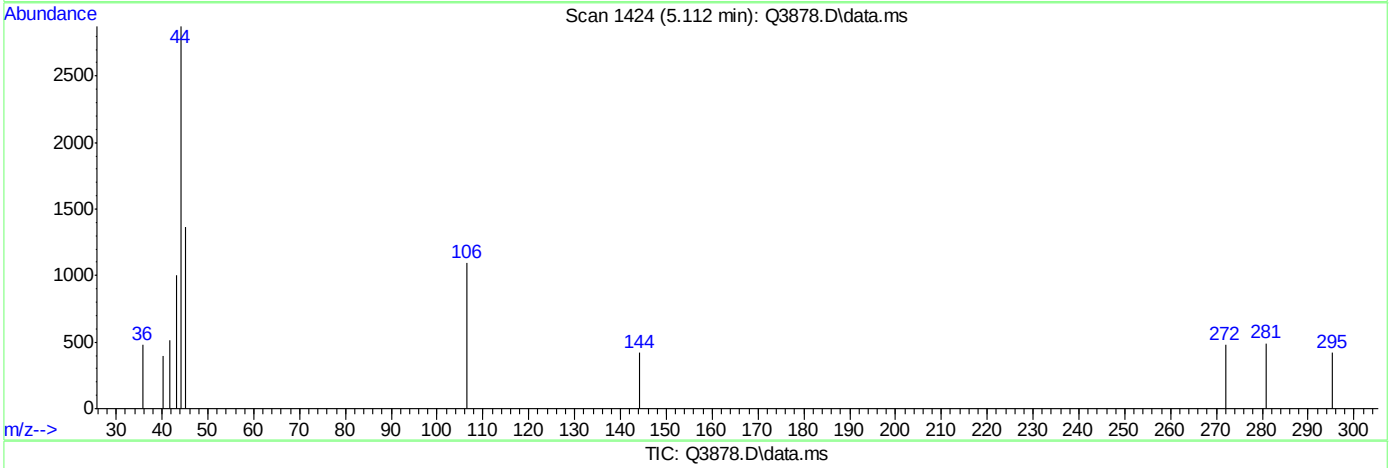
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	0.00#
42.00	8.40	22.96
0.00	0.00	0.00

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

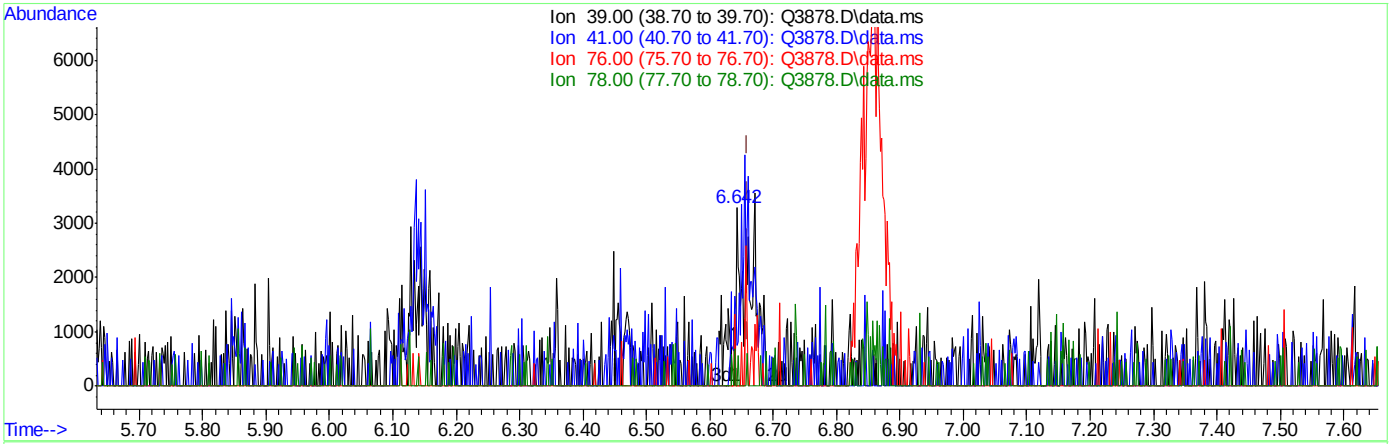
response 1849

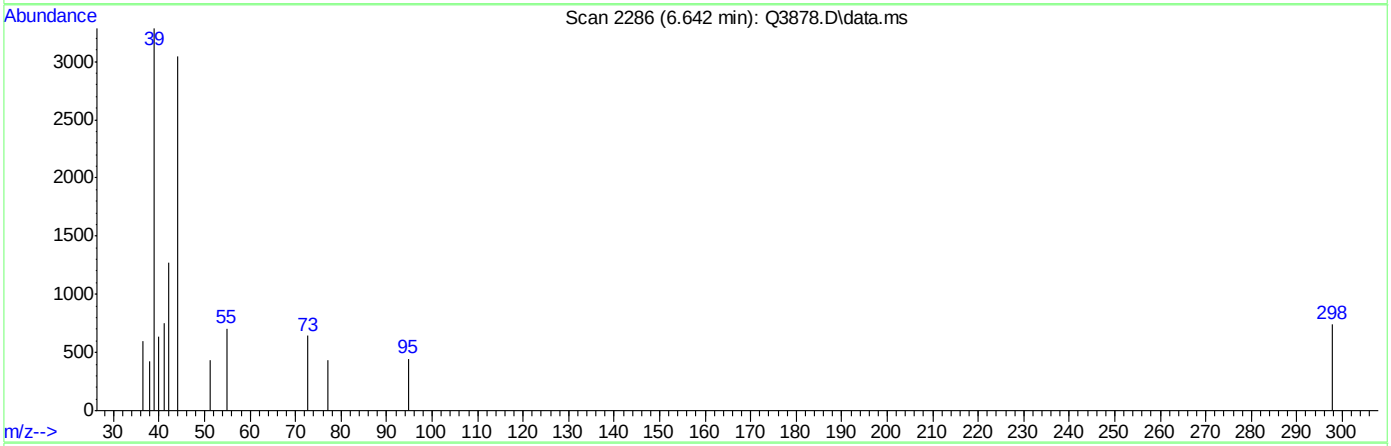
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	0.00#
42.00	8.40	12.93
0.00	0.00	0.00

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

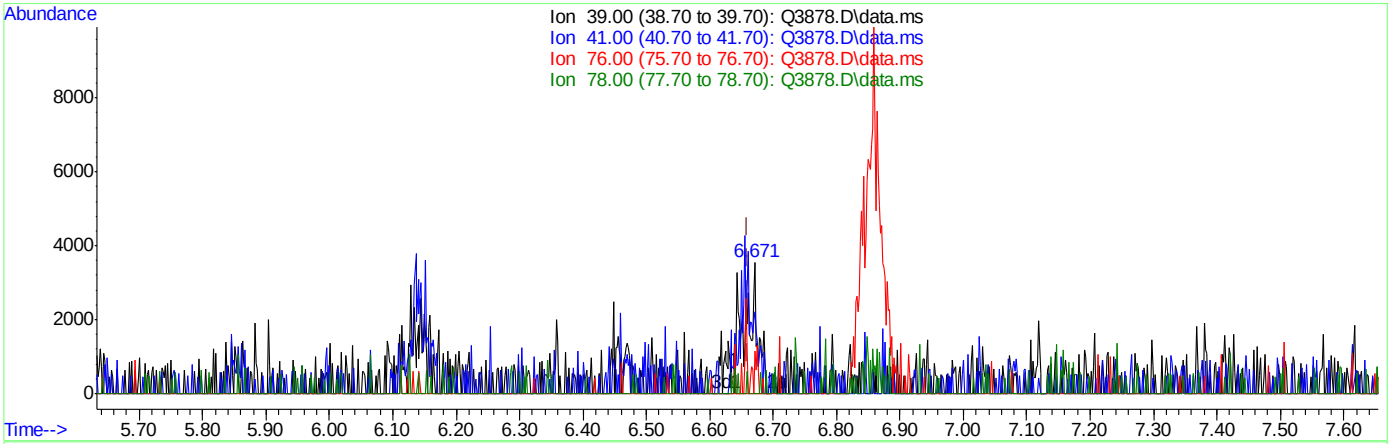
response 1928

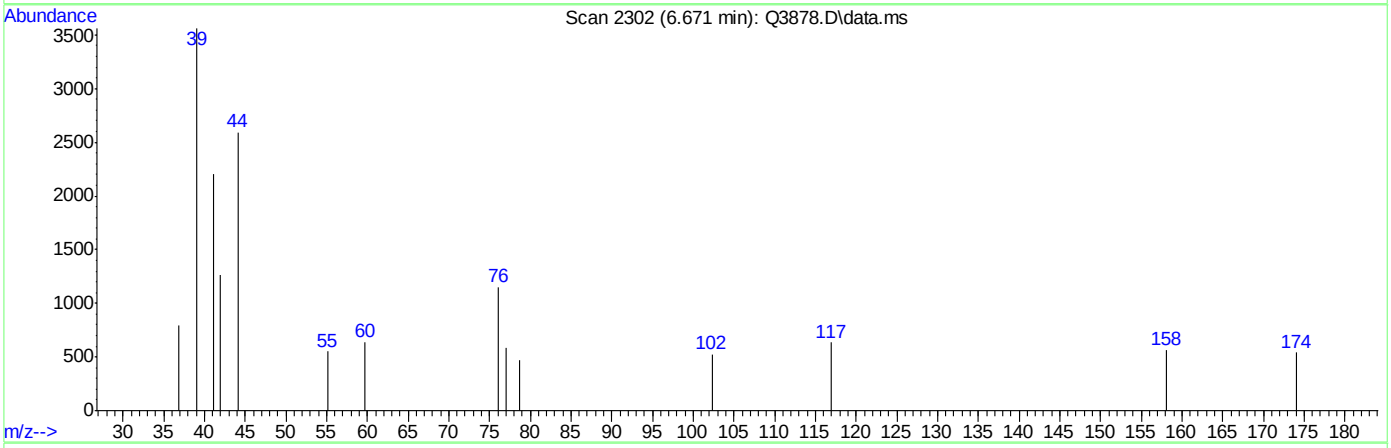
Ion	Exp%	Act%
39.00	100	100
41.00	130.80	46.16#
76.00	38.00	0.00#
78.00	12.20	6.90

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

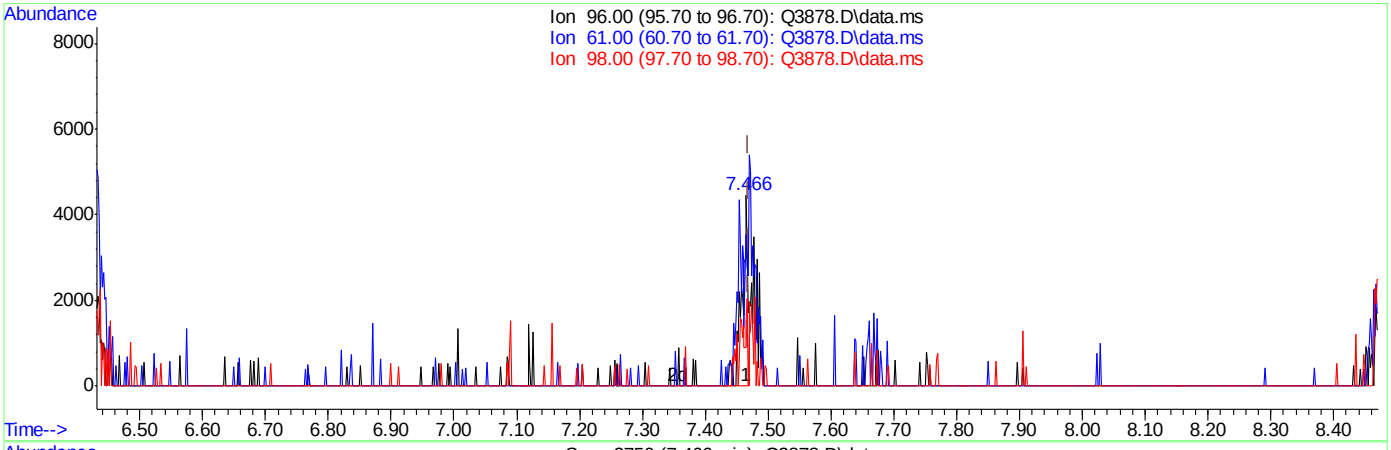
response 5152

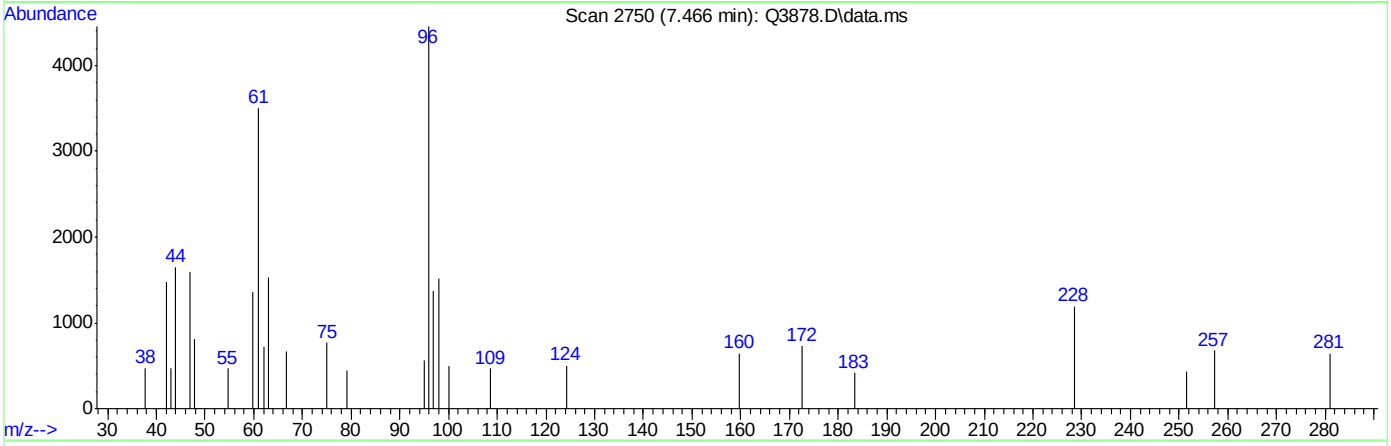
Ion	Exp%	Act%
39.00	100	100
41.00	130.80	17.27#
76.00	38.00	0.00#
78.00	12.20	2.58

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

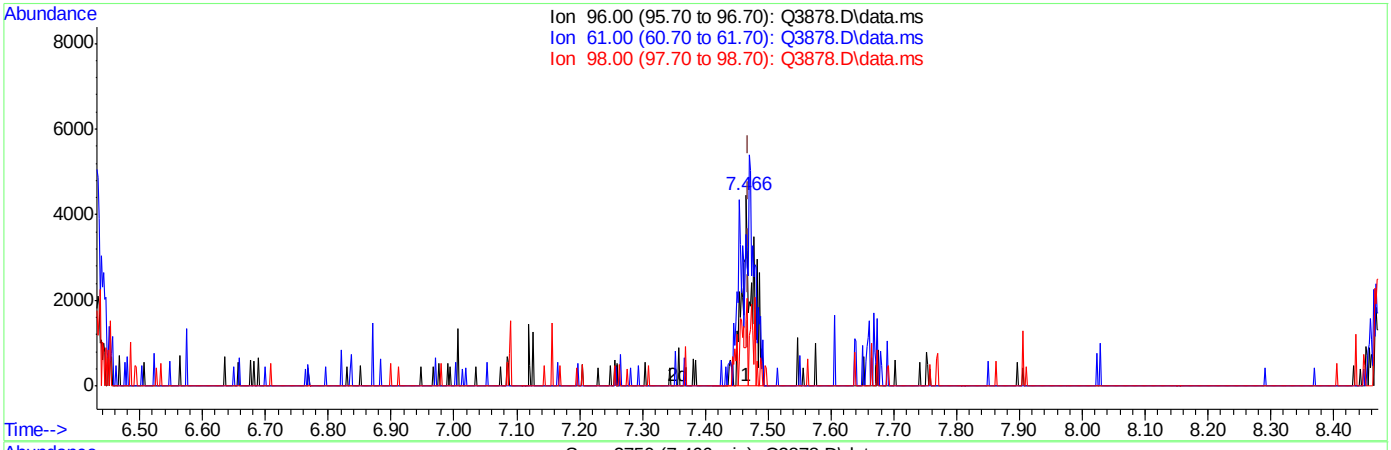
Ion	Exp%	Act%
96.00	100	100
61.00	181.00	145.38#
98.00	63.30	37.74#
0.00	0.00	0.00

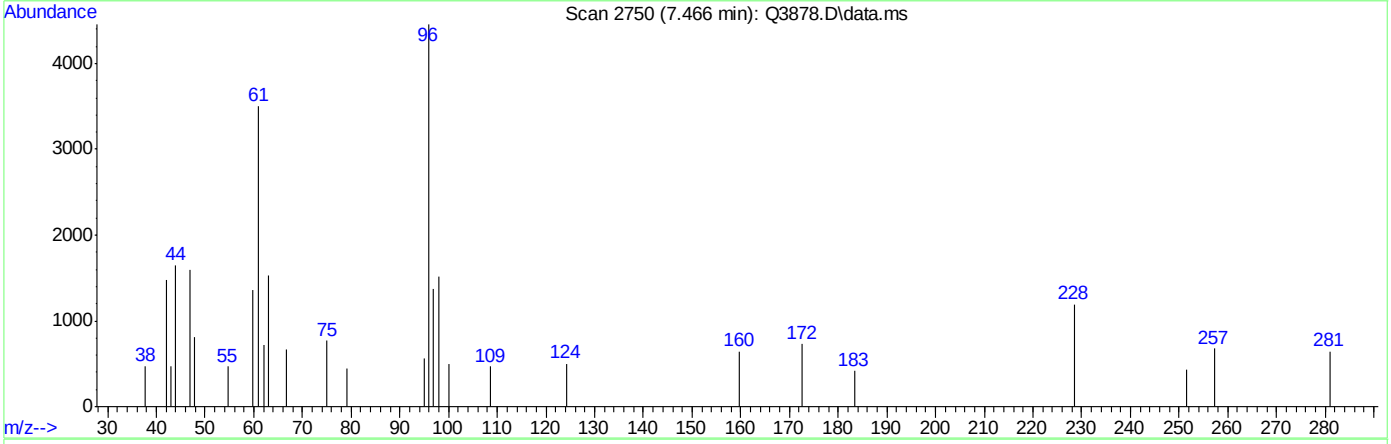
ACCUTEST Laboratories M65960

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

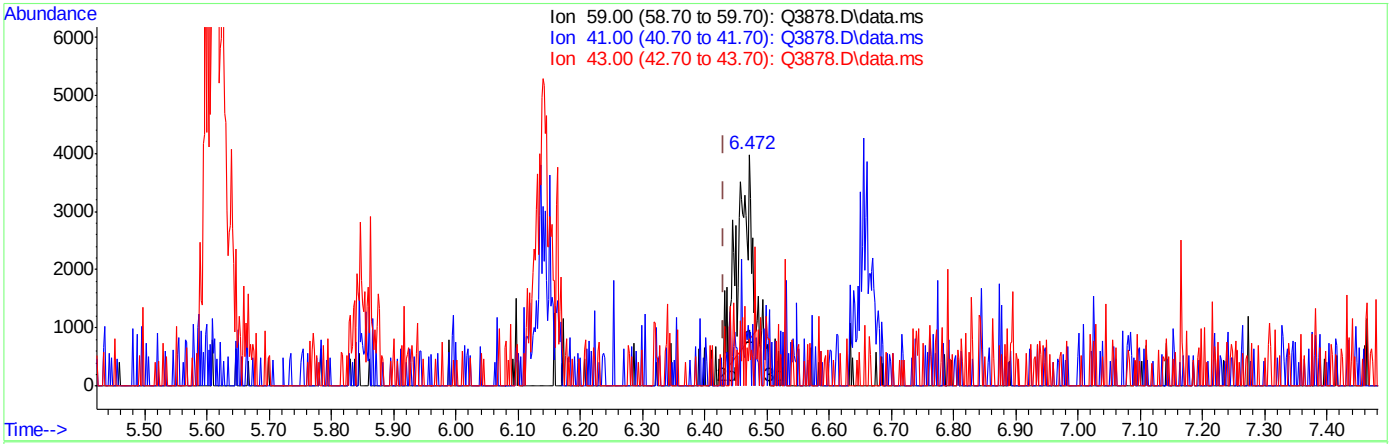
Ion	Exp%	Act%
96.00	100	100
61.00	181.00	88.42#
98.00	63.30	22.96#
0.00	0.00	0.00

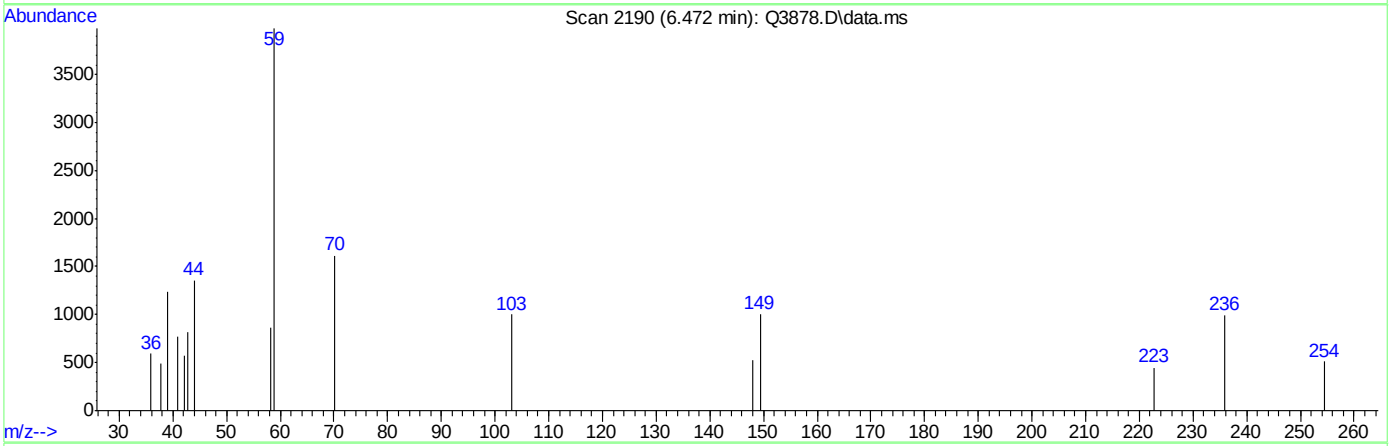
ACCUTEST Laboratories M65960

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

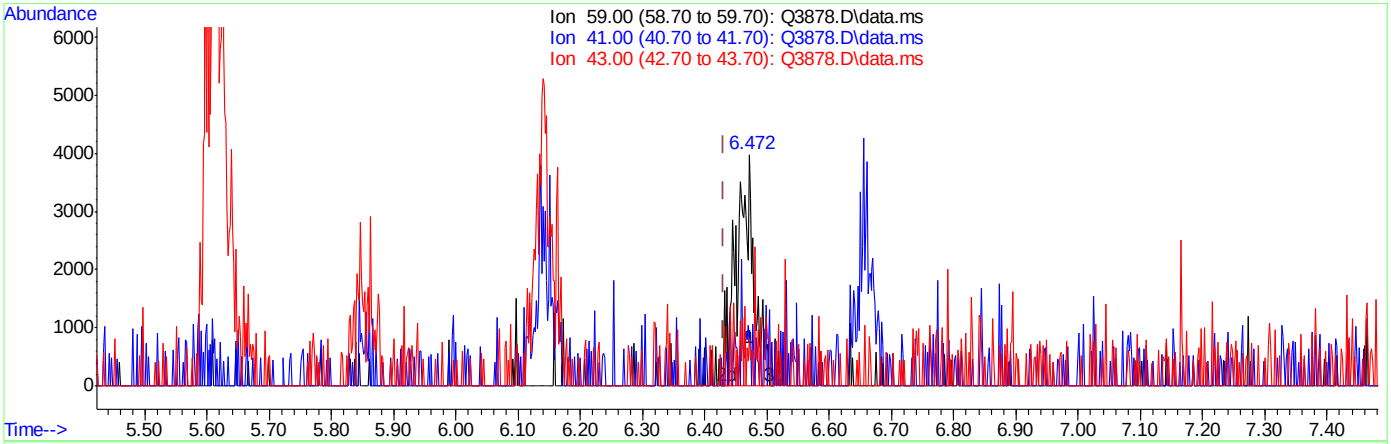
response 4402

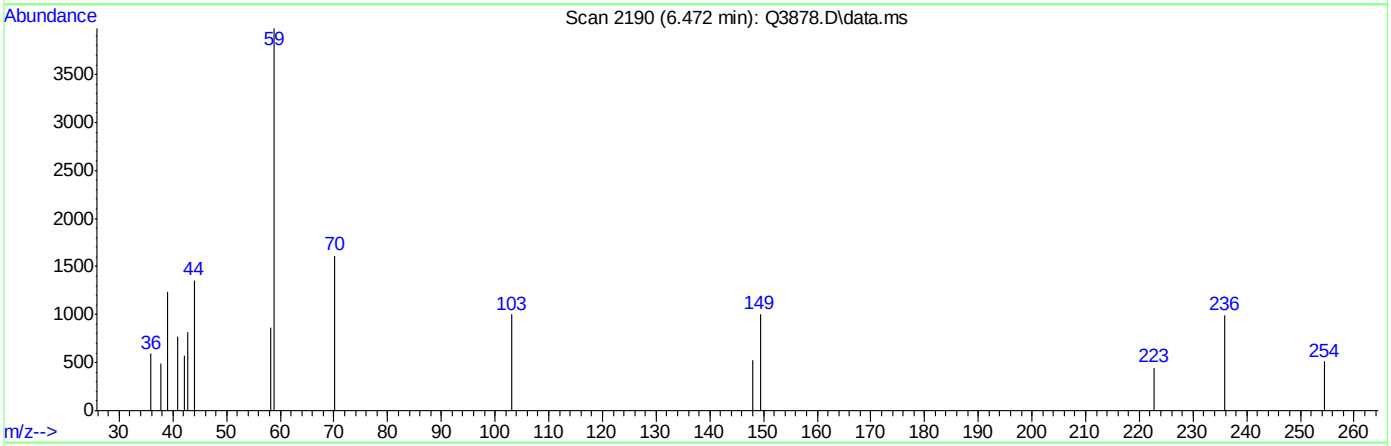
Ion	Exp%	Act%
59.00	100	100
41.00	16.40	9.61
43.00	13.40	13.22
0.00	0.00	0.00

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

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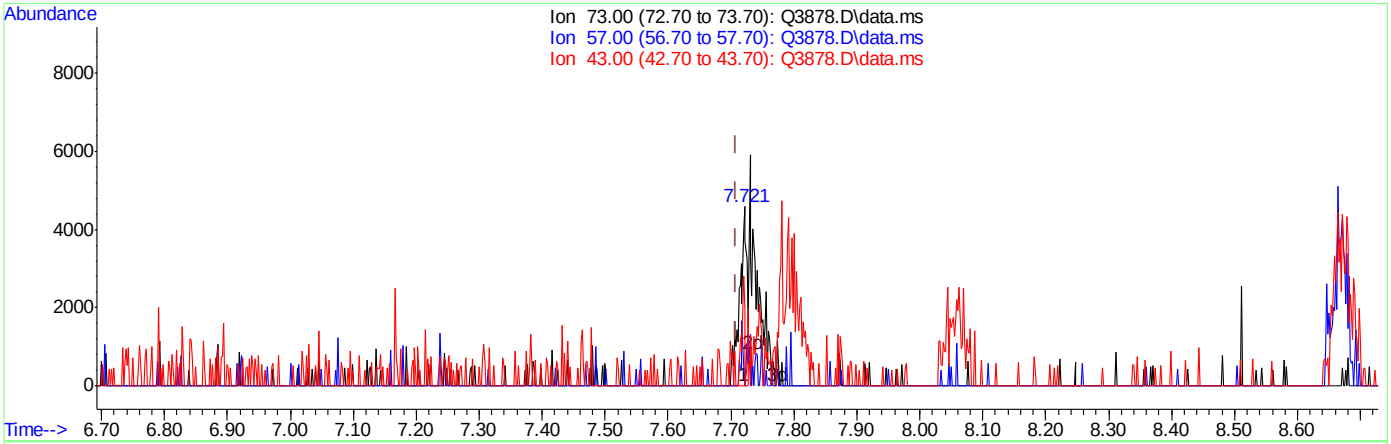
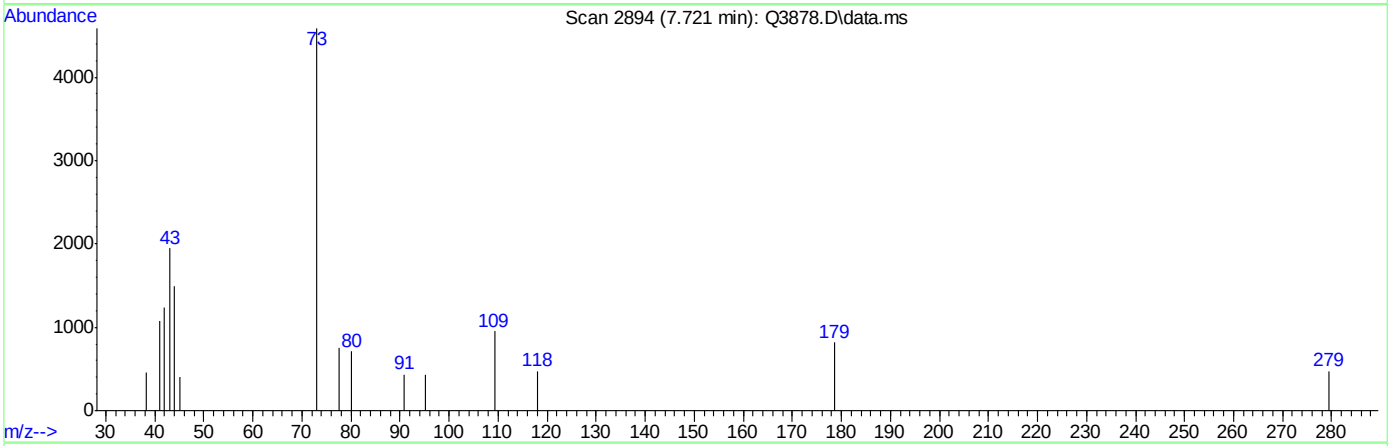
Quantitation Report (Qedit)

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

(23) METHYL TERTIARY BUTYL ETHER (m)

7.721min (+0.013) 0.08PPBV

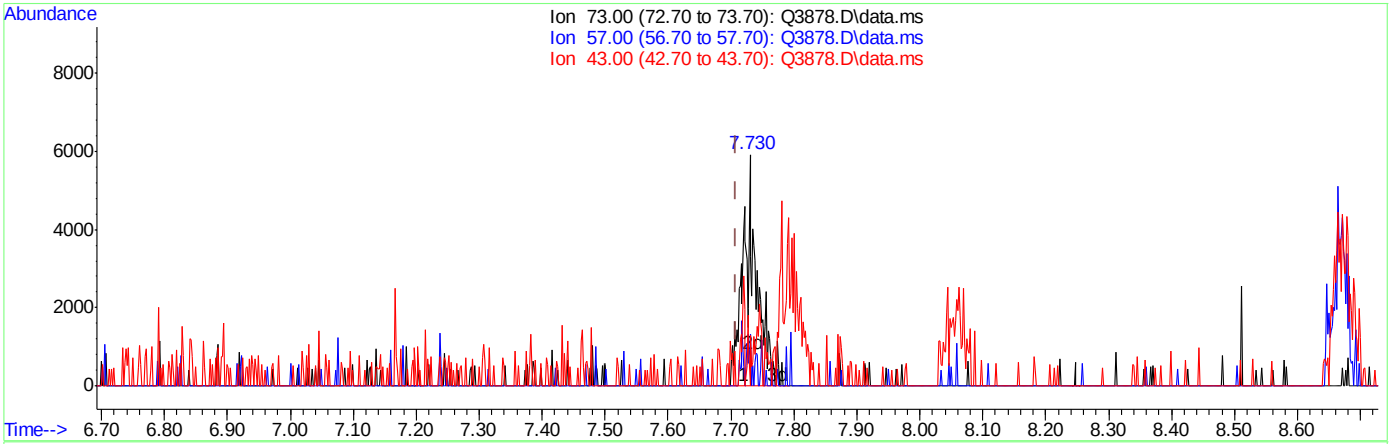
response 3870

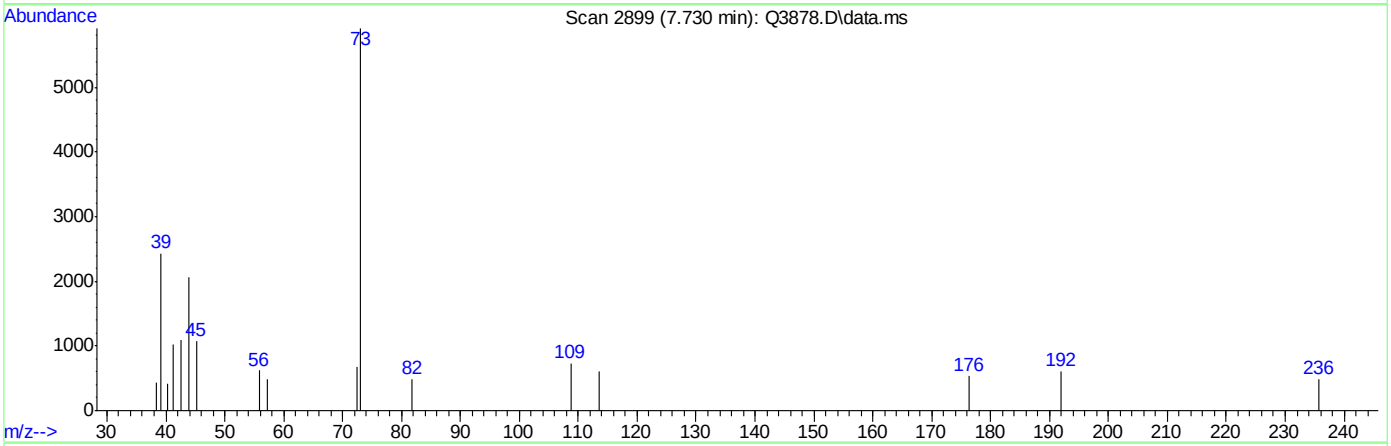
Ion	Exp%	Act%
73.00	100	100
57.00	26.00	10.31
43.00	25.90	33.59
0.00	0.00	0.00

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

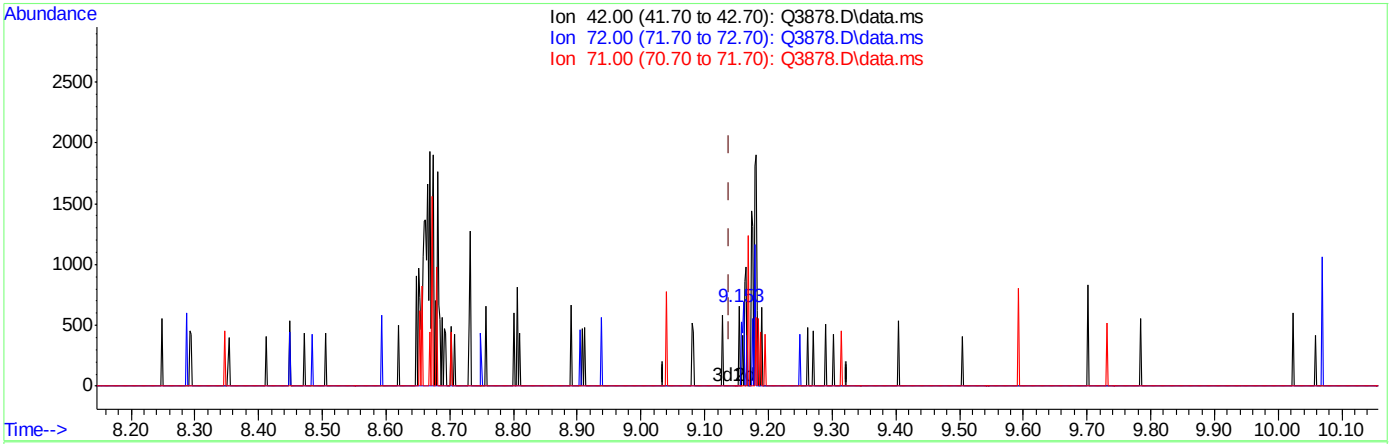
response 9132

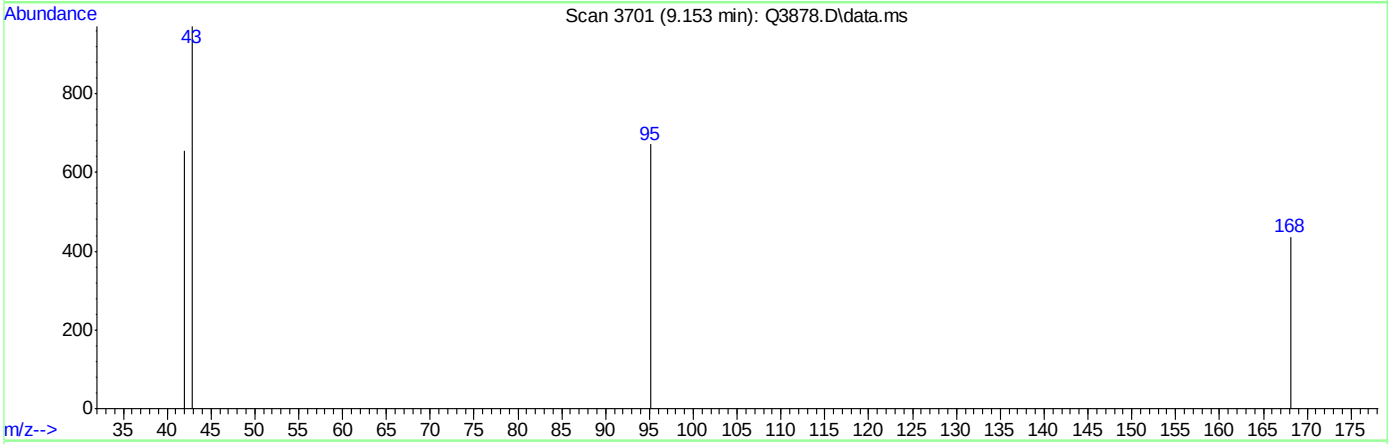
Ion	Exp%	Act%
73.00	100	100
57.00	26.00	4.37#
43.00	25.90	14.24
0.00	0.00	0.00

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

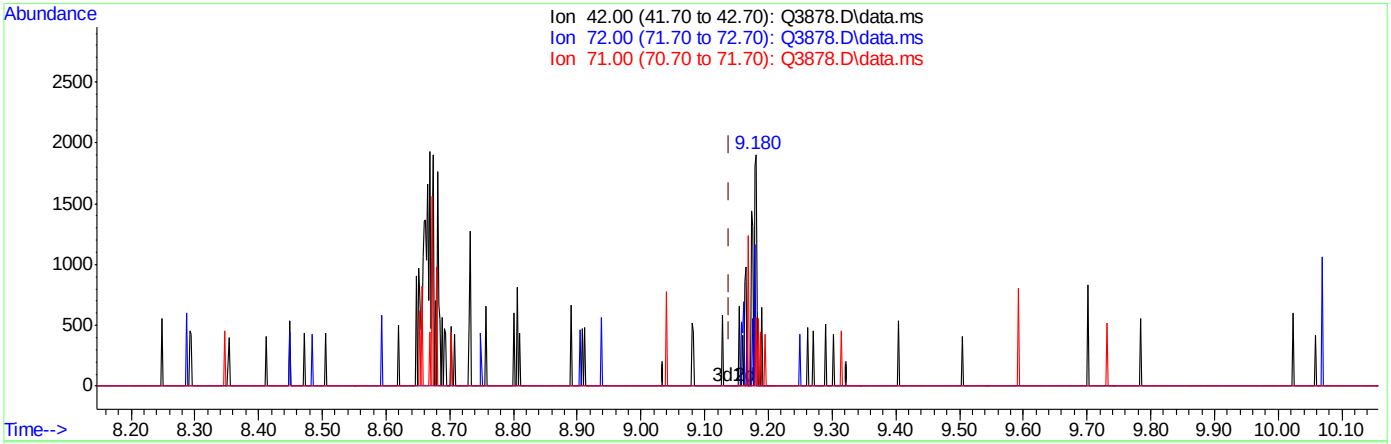
response 70

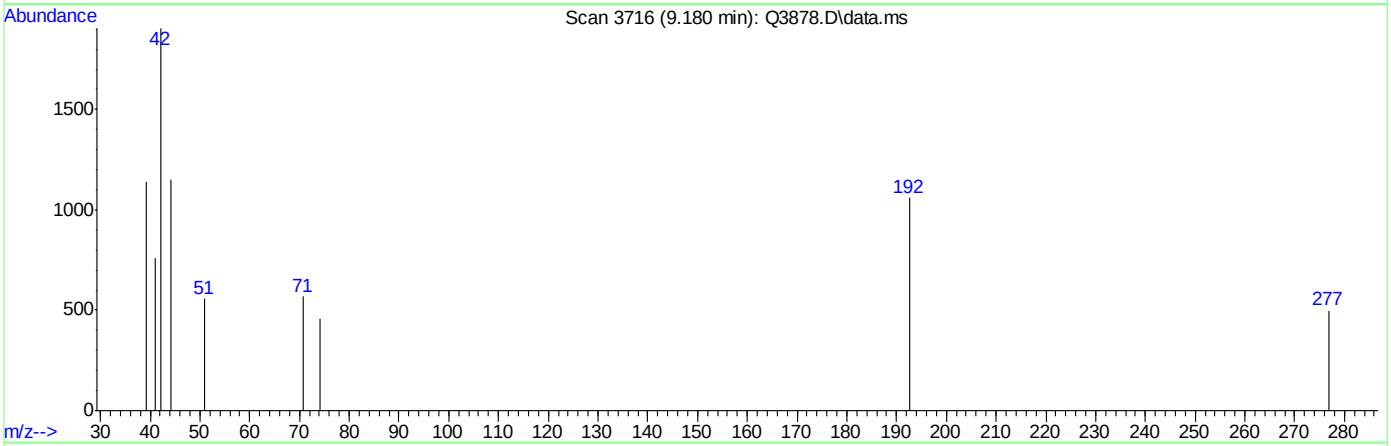
Ion	Exp%	Act%
42.00	100	100
72.00	28.70	0.00#
71.00	27.60	0.00#
0.00	0.00	0.00

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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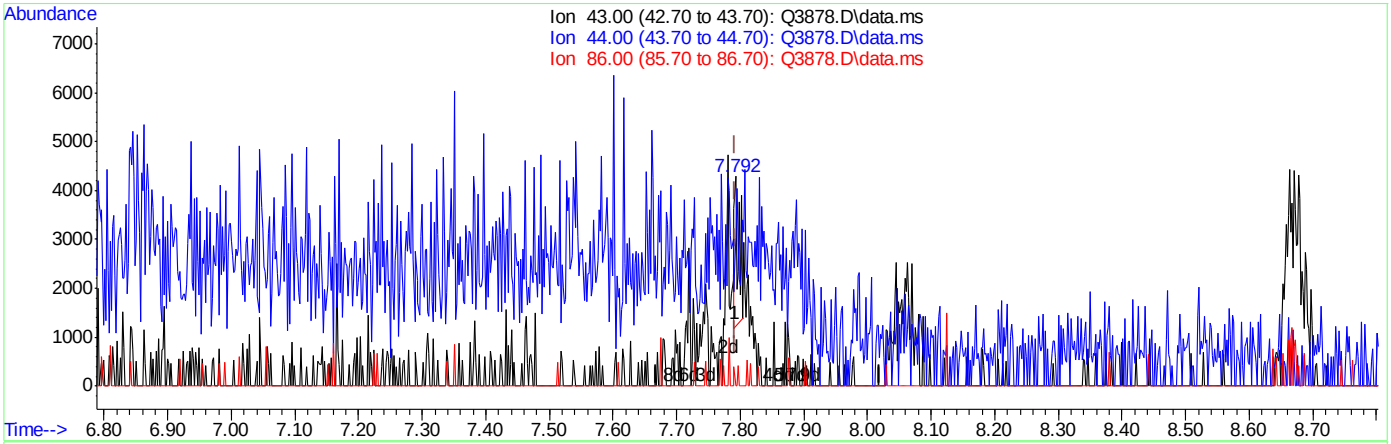
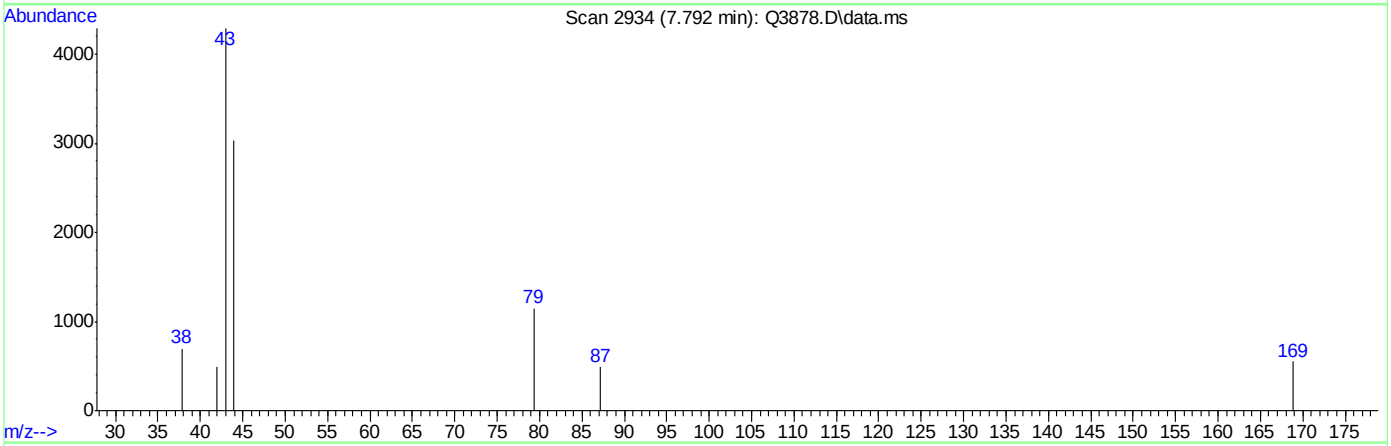
Quantitation Report (Qedit)

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

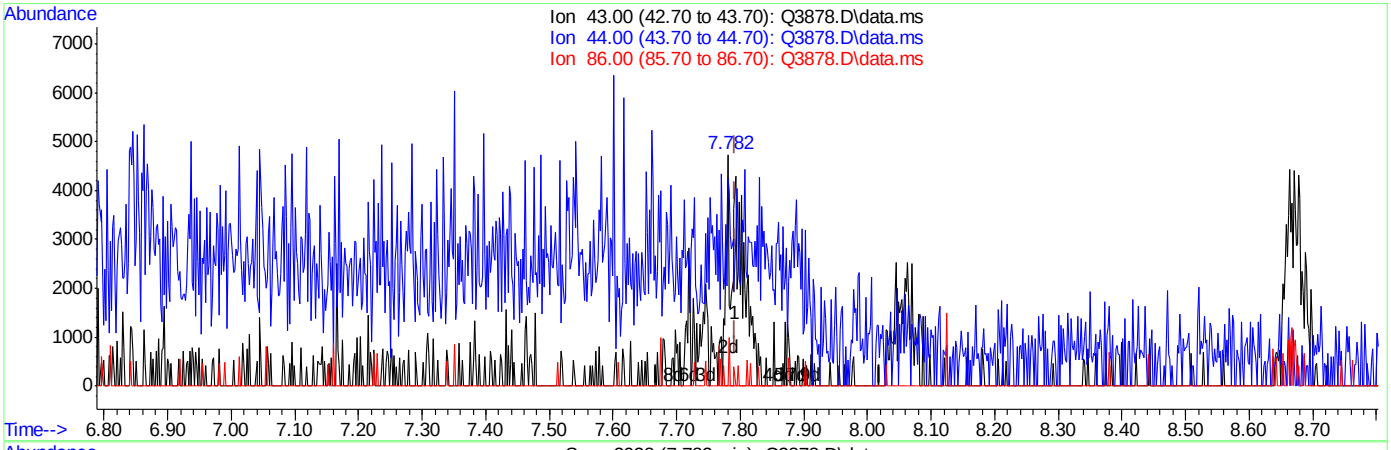
response 1381

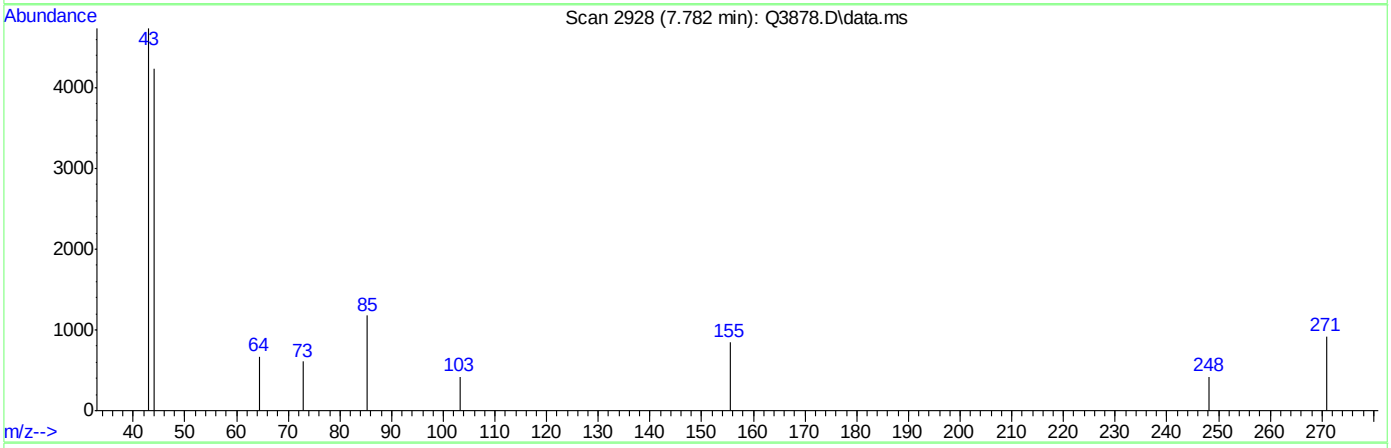
Ion	Exp%	Act%
43.00	100	100
44.00	4.80	0.00
86.00	6.40	6.37
0.00	0.00	0.00

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

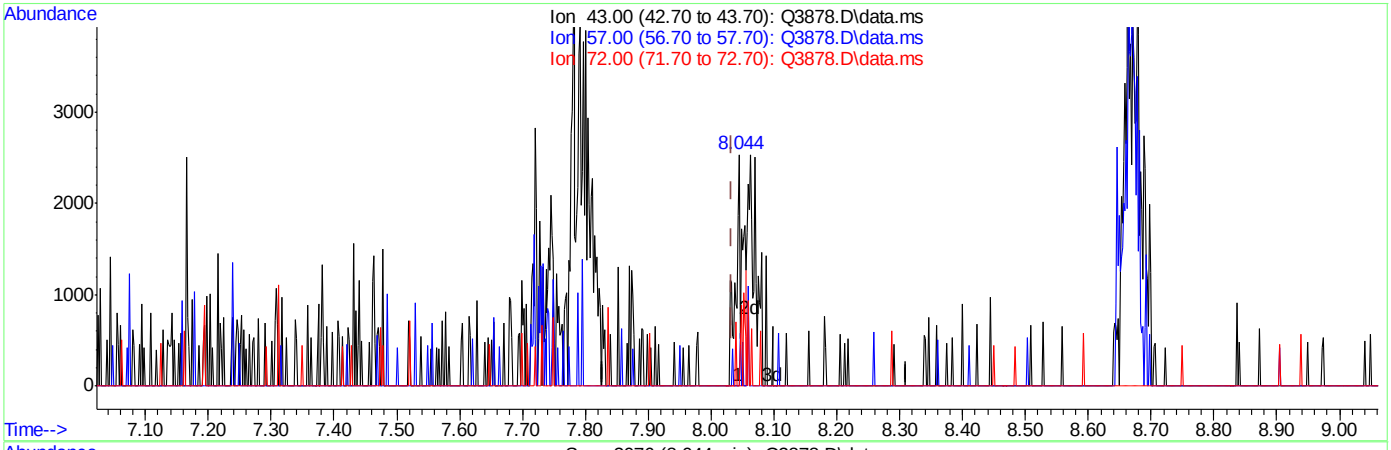
response 7110

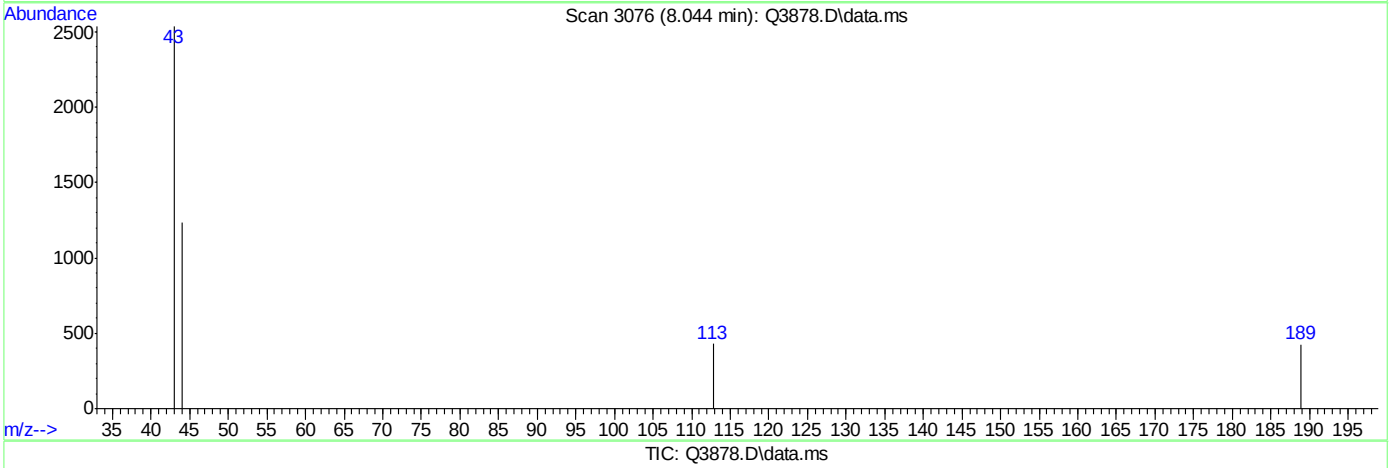
Ion	Exp%	Act%
43.00	100	100
44.00	4.80	0.00
86.00	6.40	1.24
0.00	0.00	0.00

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

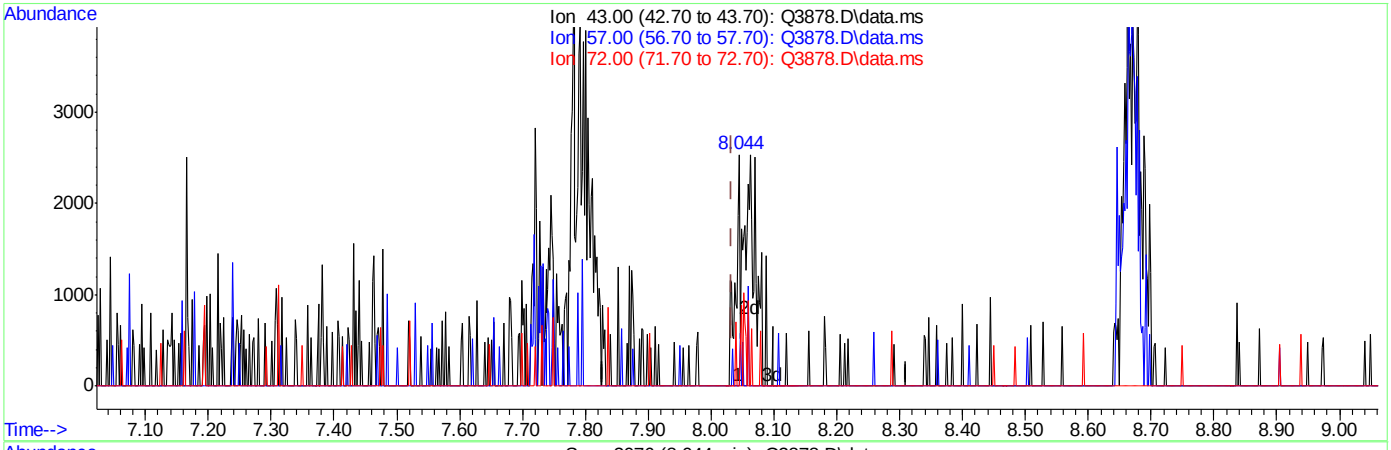
response 2028

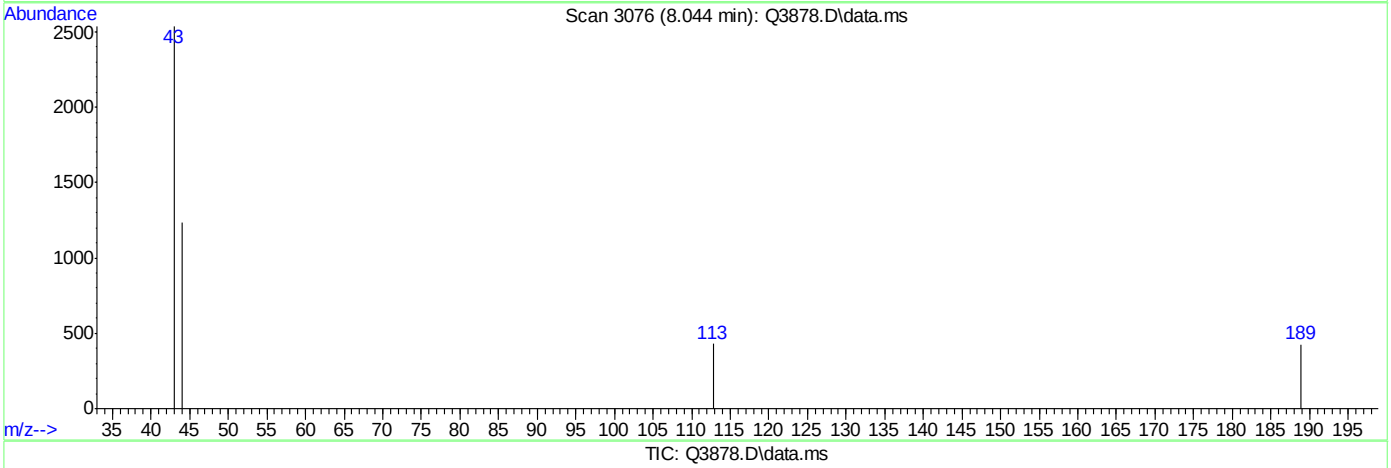
Ion	Exp%	Act%
43.00	100	100
57.00	7.70	0.00
72.00	14.60	0.00
0.00	0.00	0.00

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

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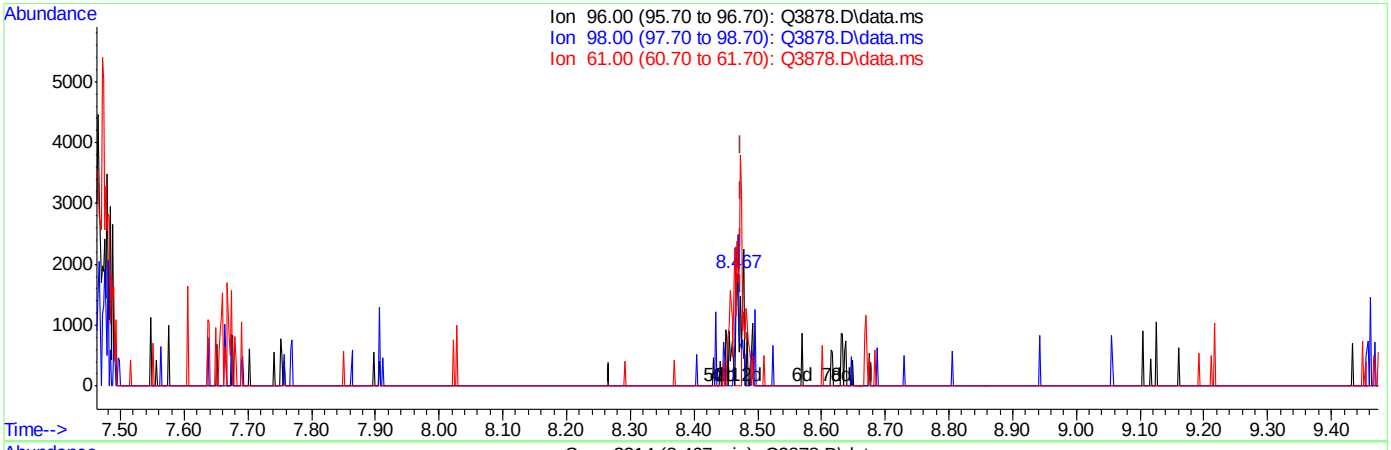
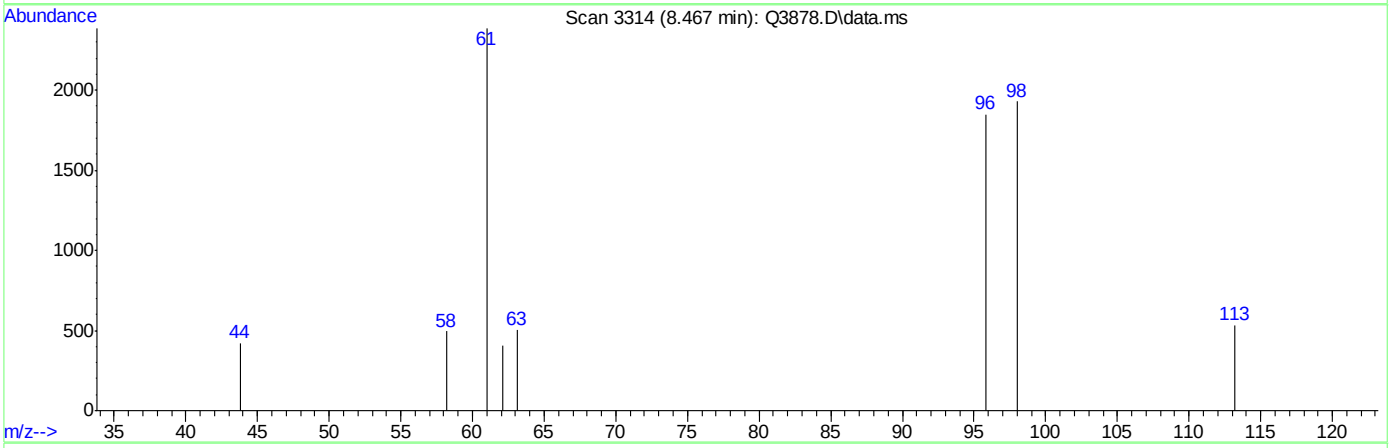
Quantitation Report (Qedit)

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

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

8.467min (-0.007) 0.06PPBV

response 753

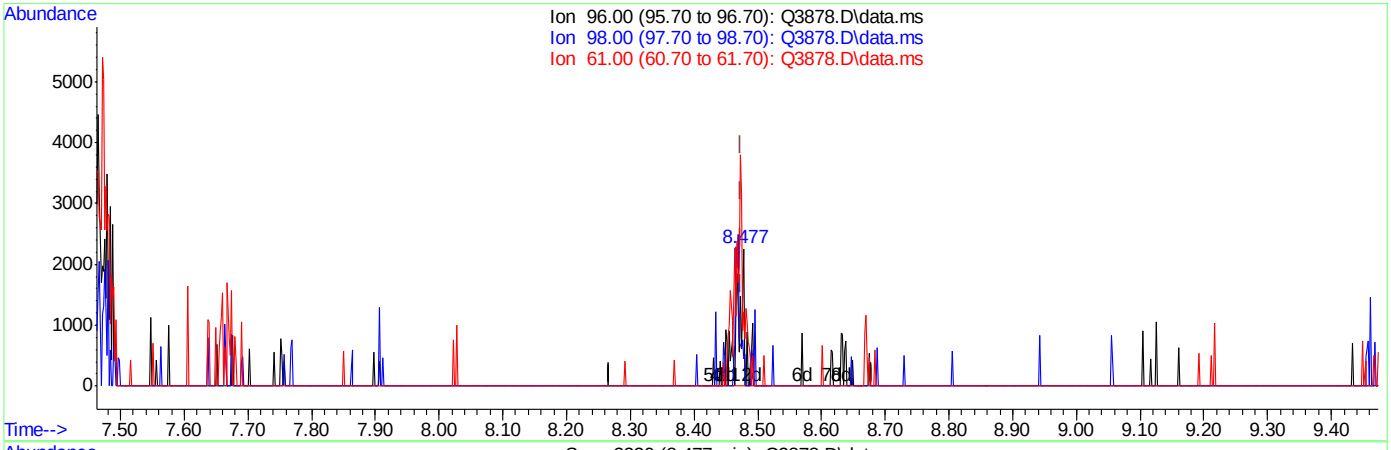
Ion	Exp%	Act%
96.00	100	100
98.00	63.40	157.64#
61.00	186.90	420.58#
0.00	0.00	0.00

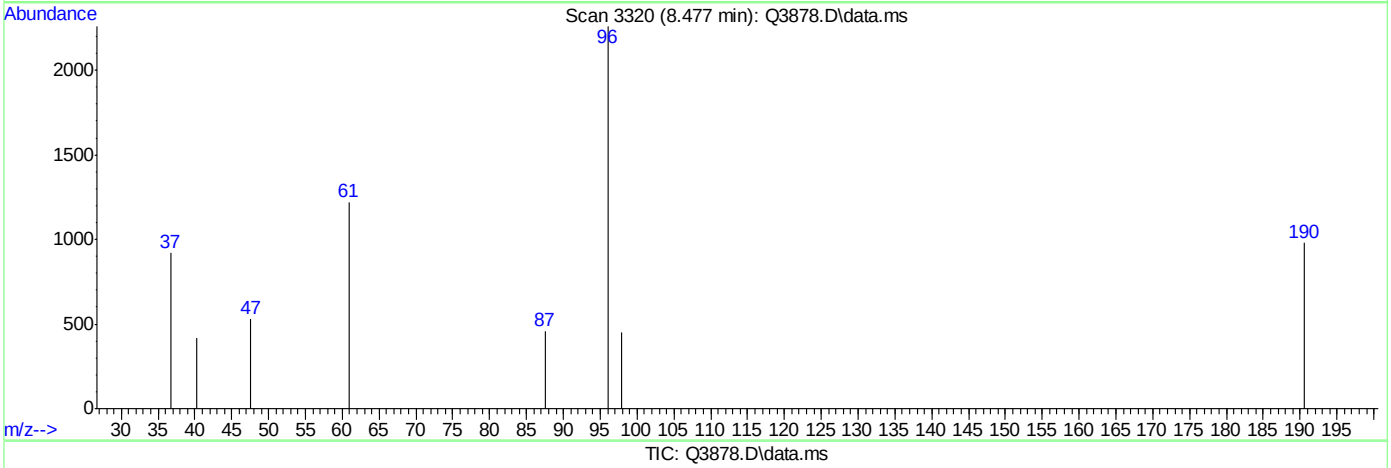
ACCUTEST Laboratories M65960

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

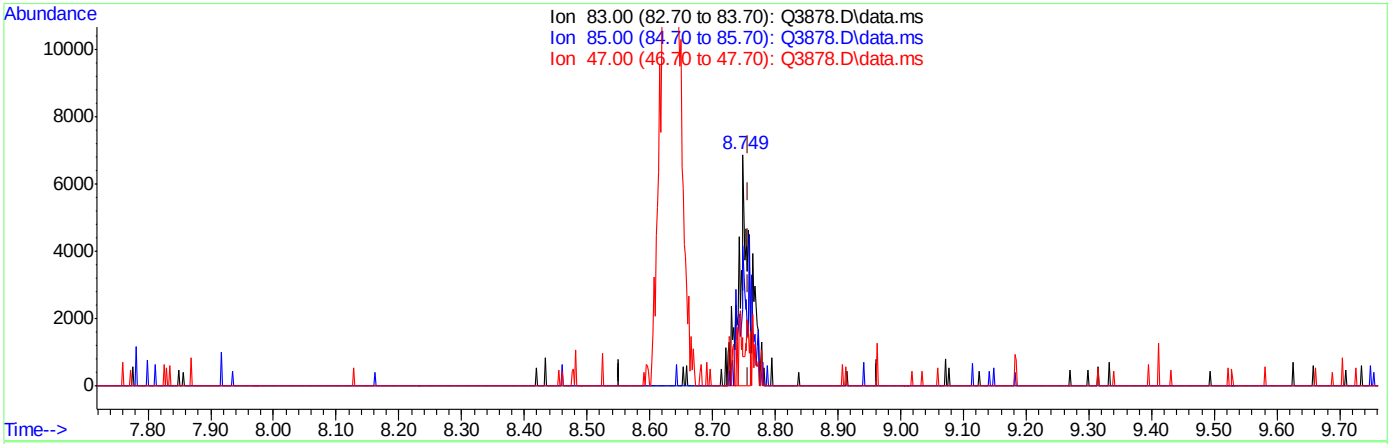
Ion	Exp%	Act%
96.00	100	100
98.00	63.40	58.70
61.00	186.90	156.63#
0.00	0.00	0.00

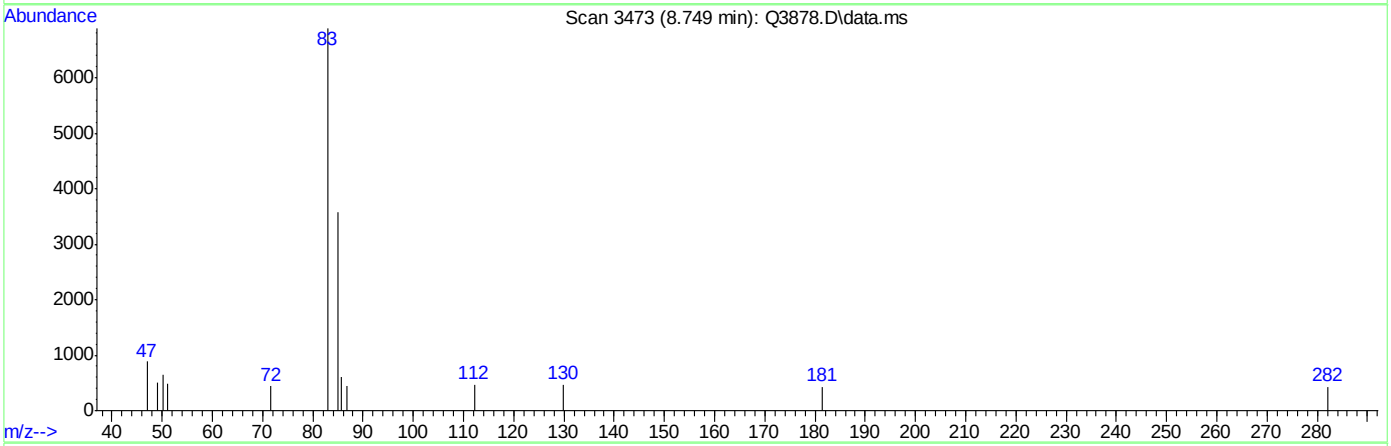
ACCUTEST Laboratories M65960

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

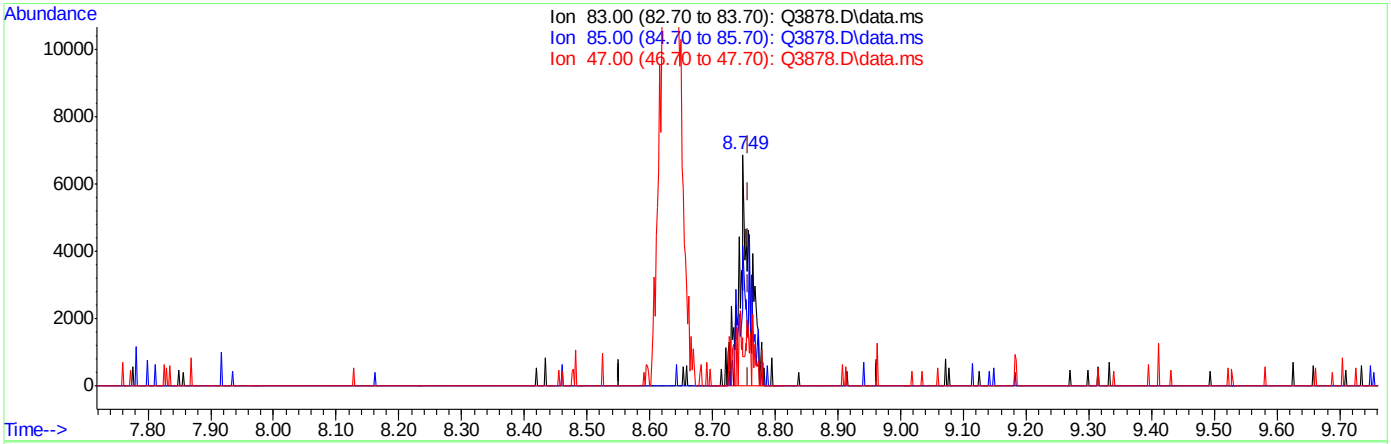
Ion	Exp%	Act%
83.00	100	100
85.00	64.20	19.56#
47.00	31.80	13.52
0.00	0.00	0.00

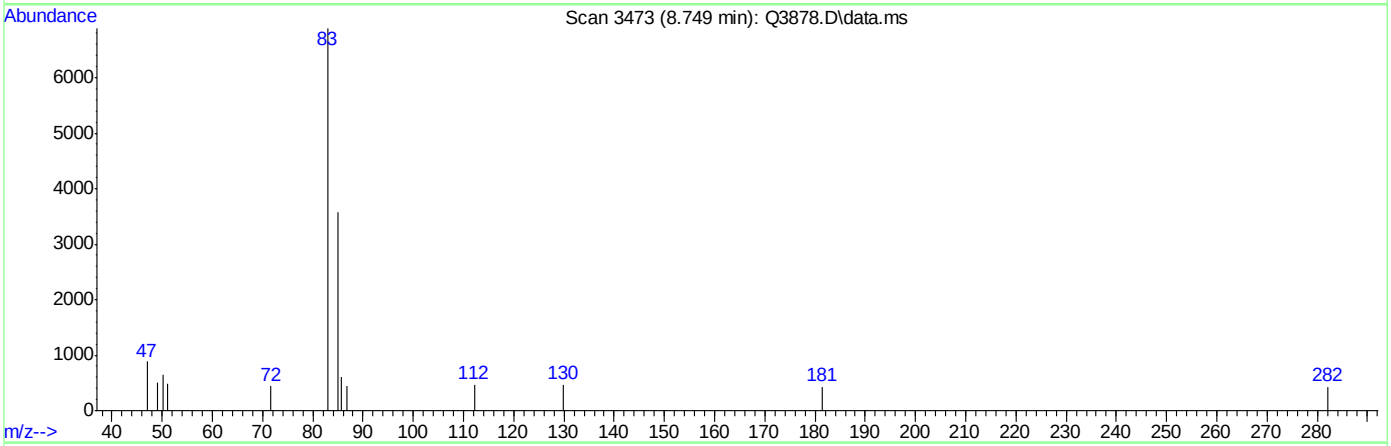
ACCUTEST Laboratories M65960

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

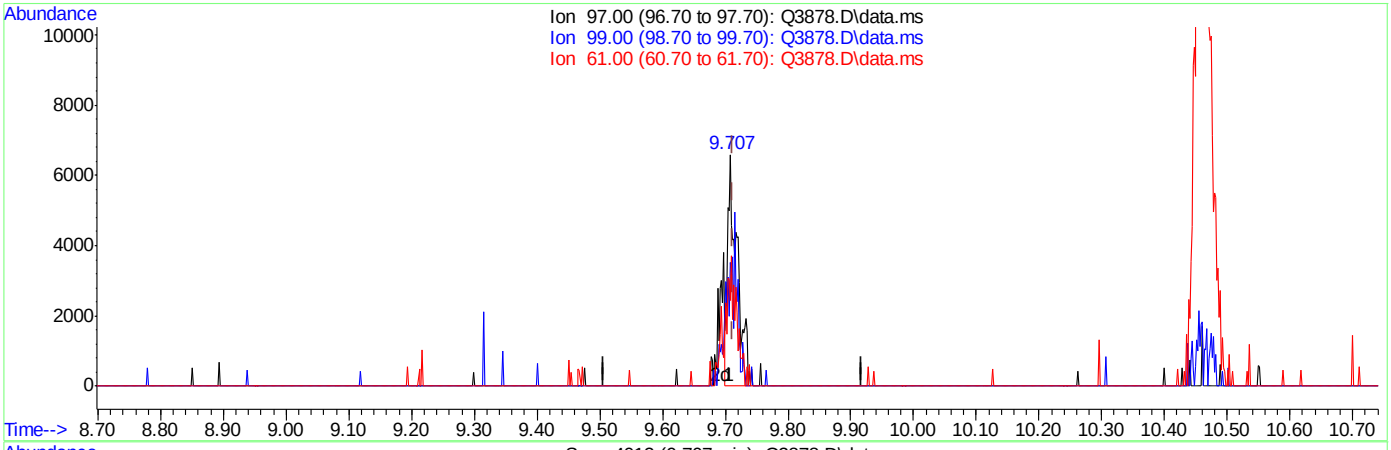
response 8793

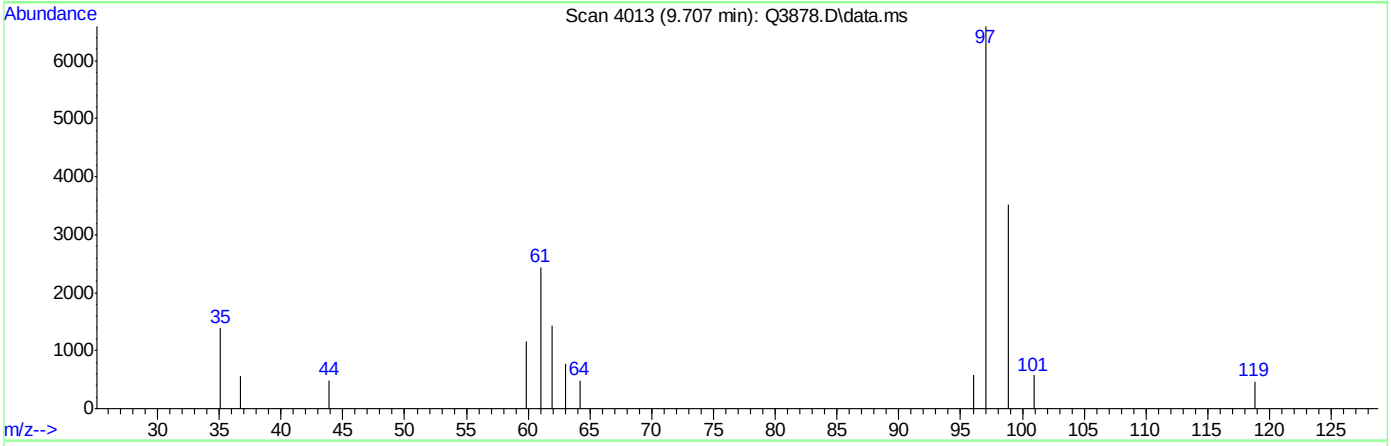
Ion	Exp%	Act%
83.00	100	100
85.00	64.20	14.78#
47.00	31.80	10.22#
0.00	0.00	0.00

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

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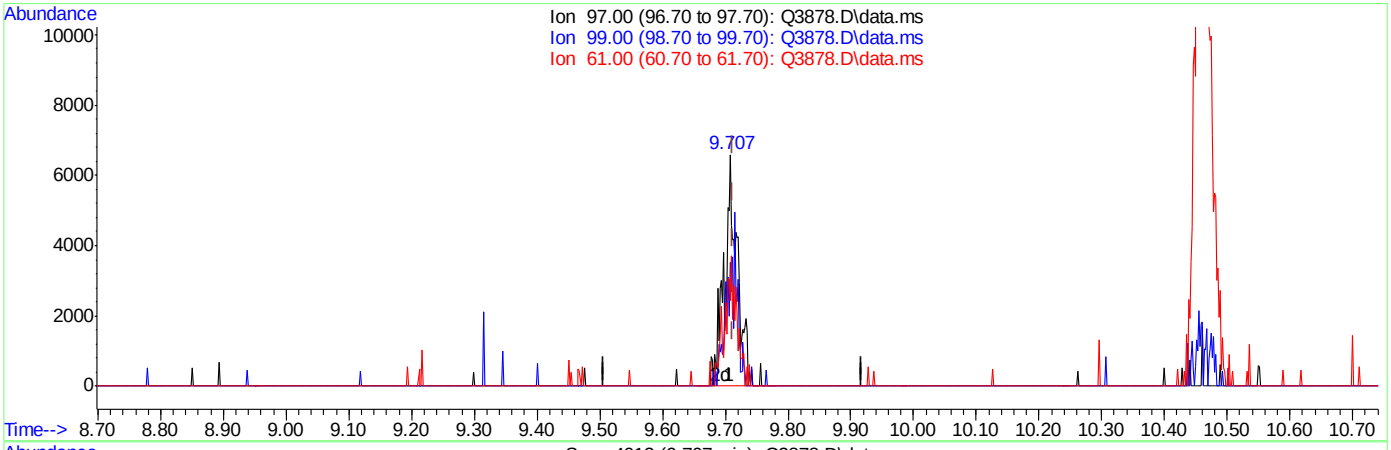
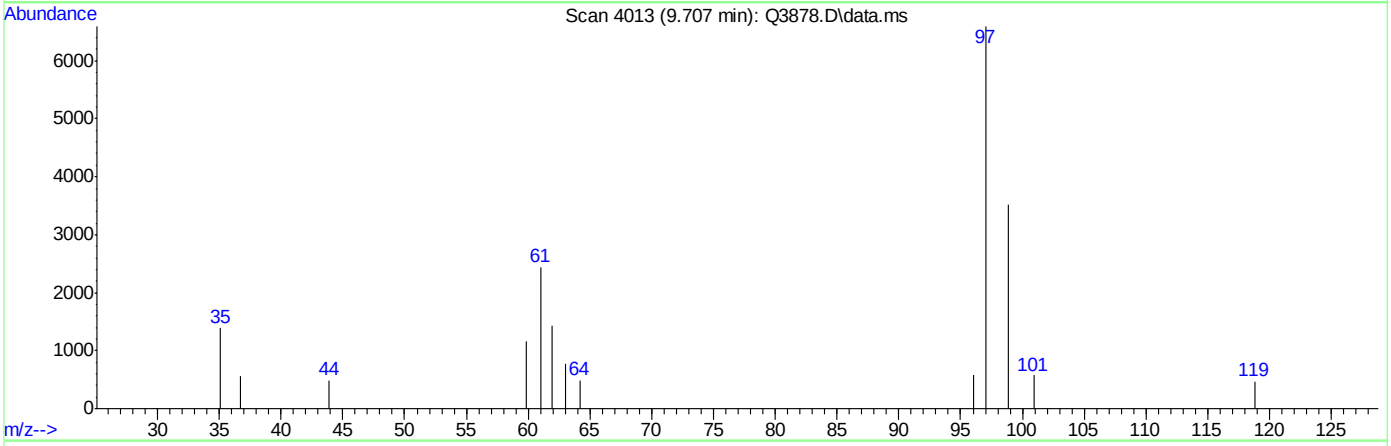
Quantitation Report (Qedit)

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

(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

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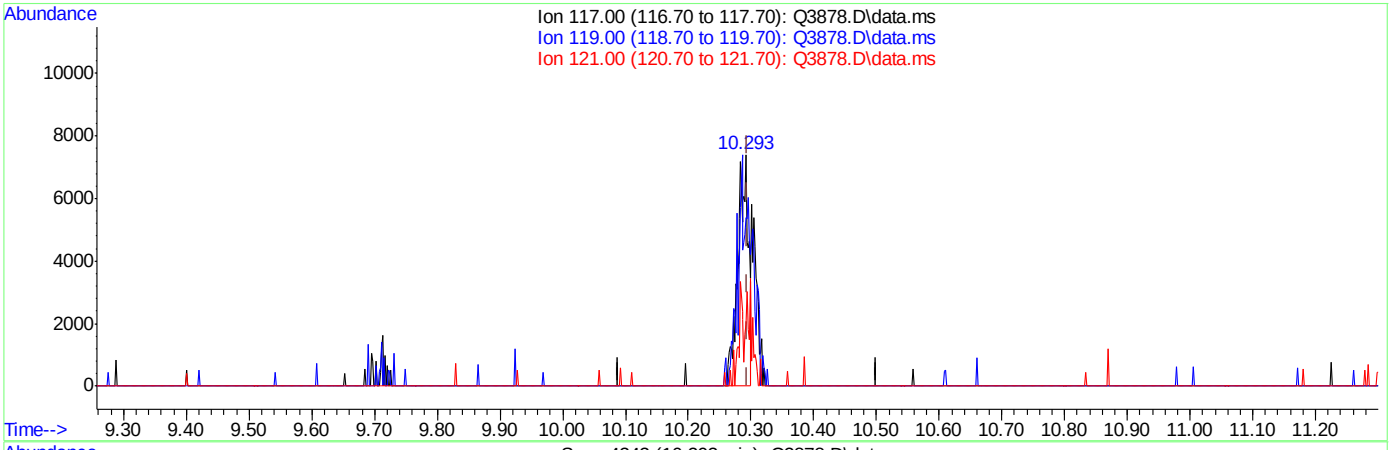
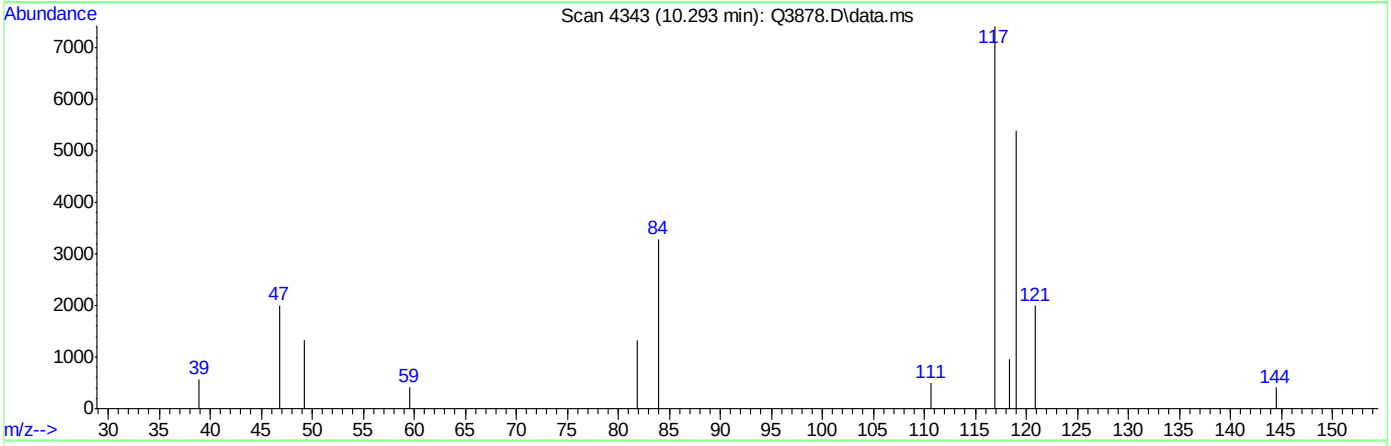
Quantitation Report (Qedit)

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

(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

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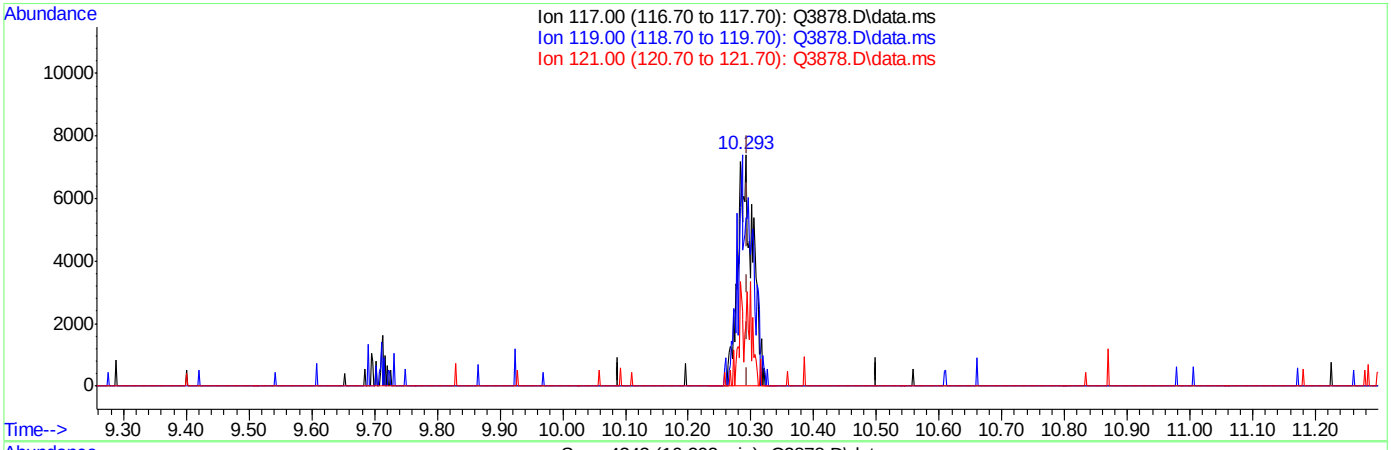
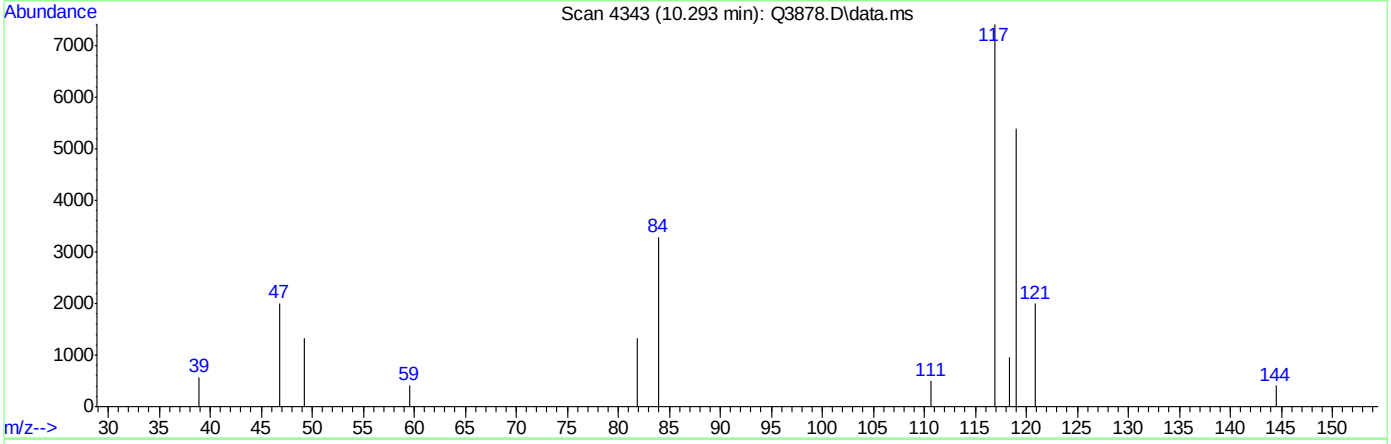
Quantitation Report (Qedit)

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

(33) CARBON TETRACHLORIDE (m)

10.293min (-0.002) 0.20PPBV m

response 12426

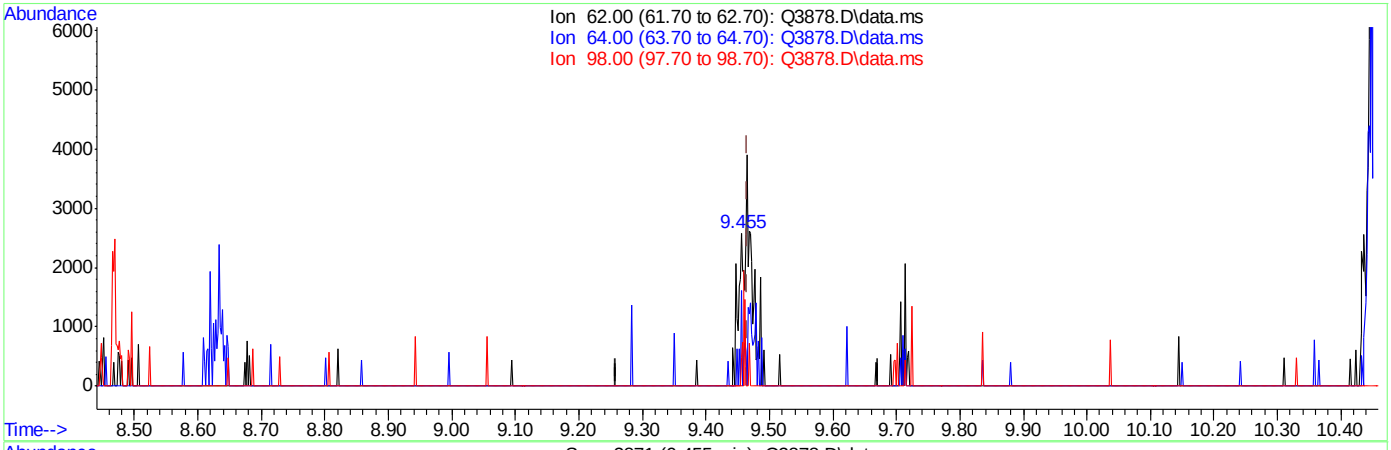
Ion	Exp%	Act%
117.00	100	100
119.00	99.60	0.00#
121.00	32.10	17.56
0.00	0.00	0.00

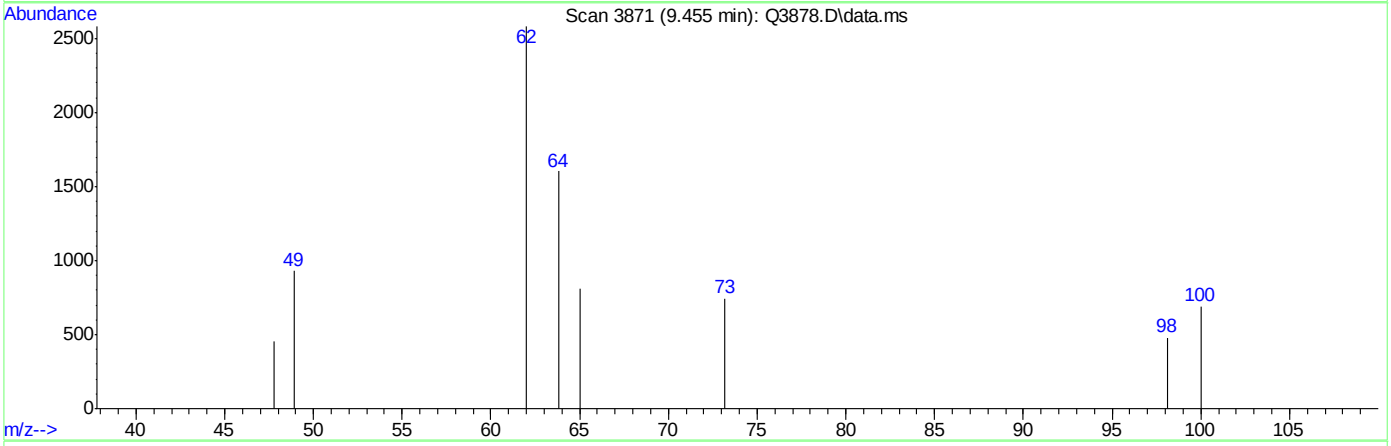
ACCUTEST Laboratories M65960

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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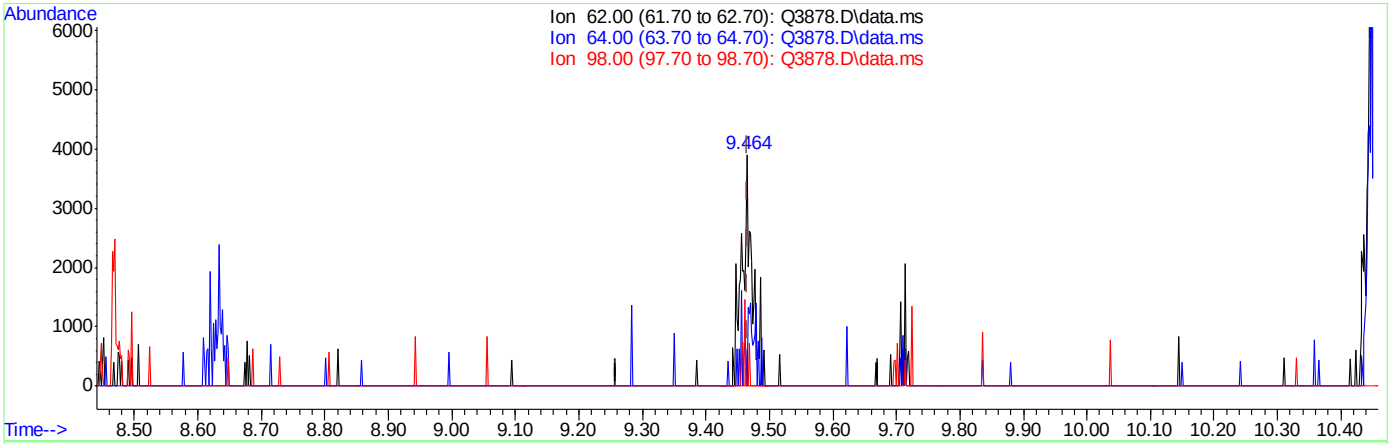
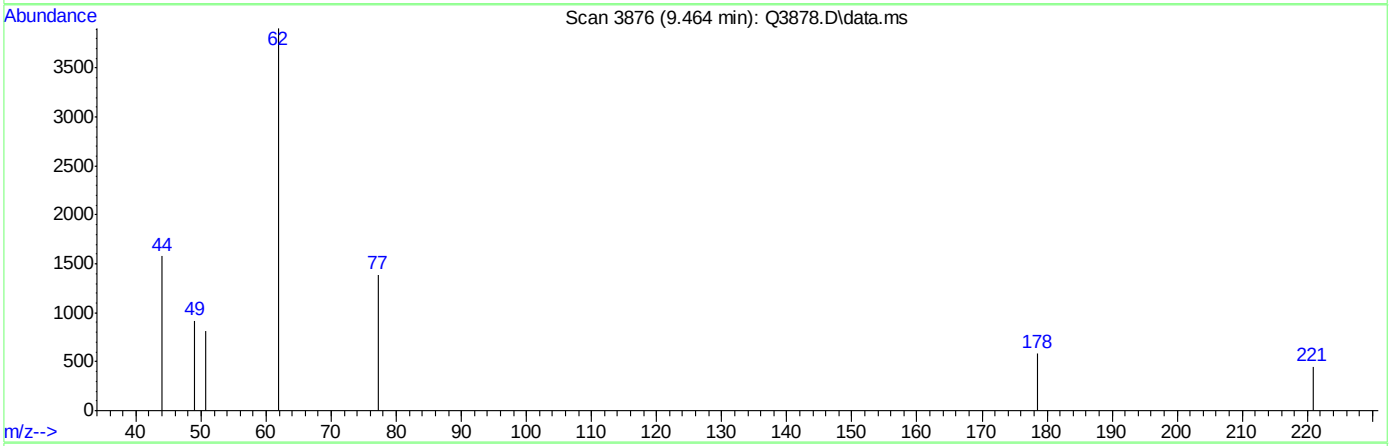
Quantitation Report (Qedit)

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

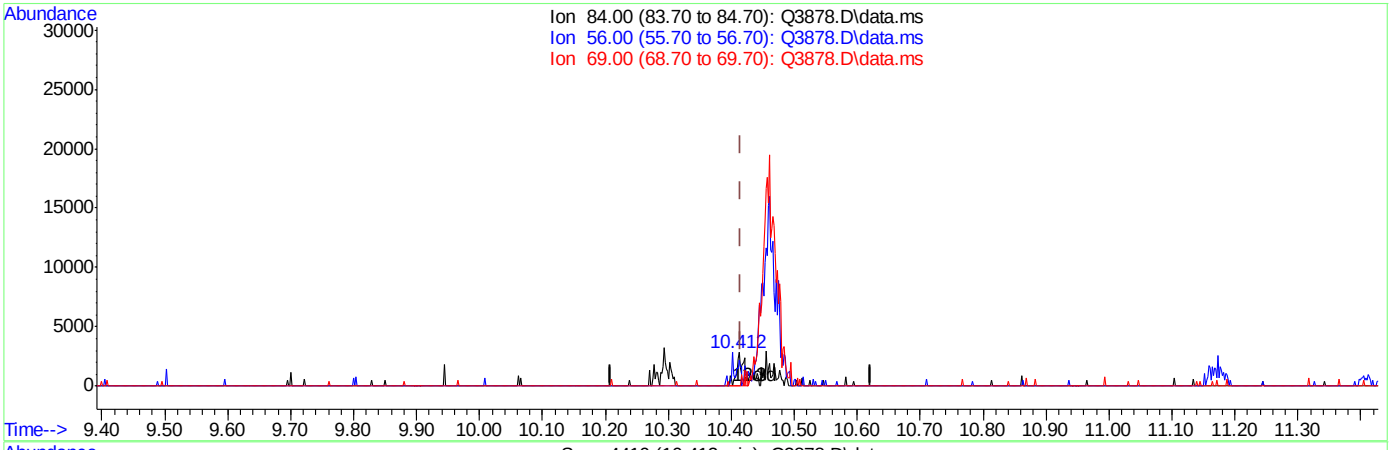
response 4375

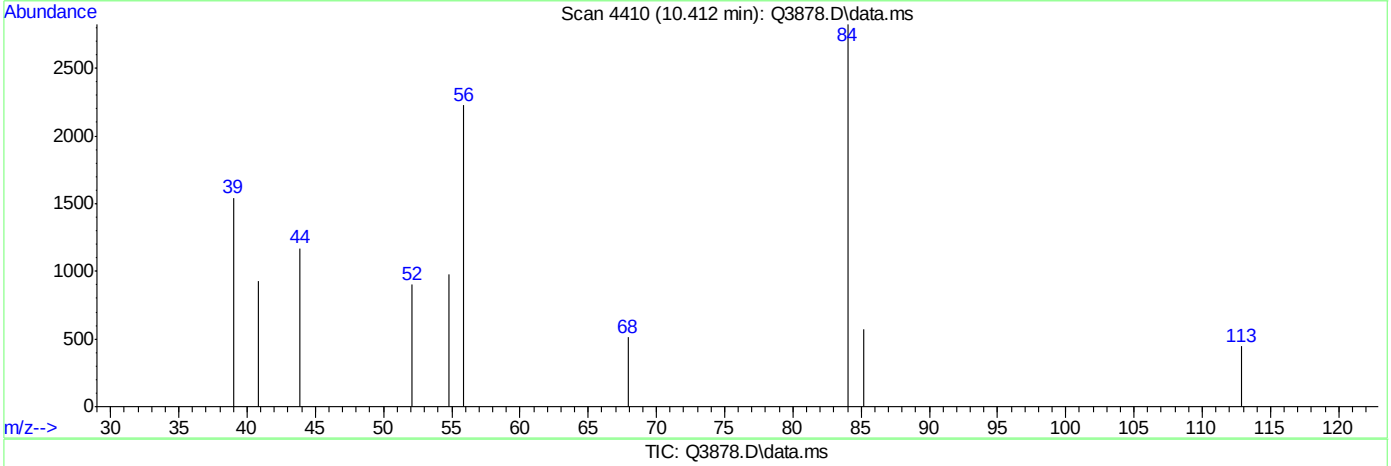
Ion	Exp%	Act%
62.00	100	100
64.00	30.80	8.16#
98.00	4.90	6.51
0.00	0.00	0.00

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

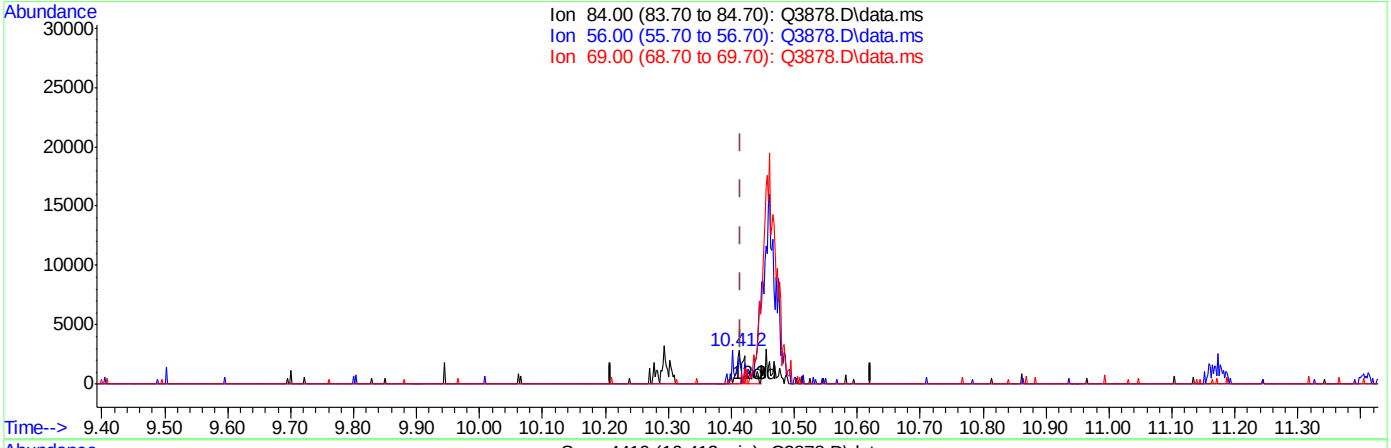
response 2360

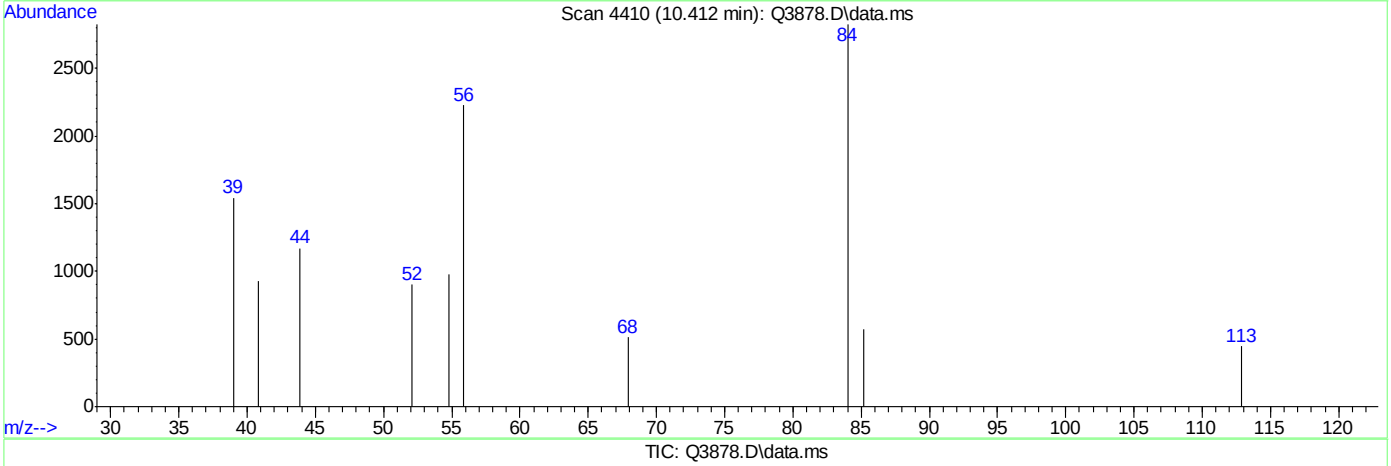
Ion	Exp%	Act%
84.00	100	100
56.00	177.10	35.51#
69.00	37.70	0.00#
0.00	0.00	0.00

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

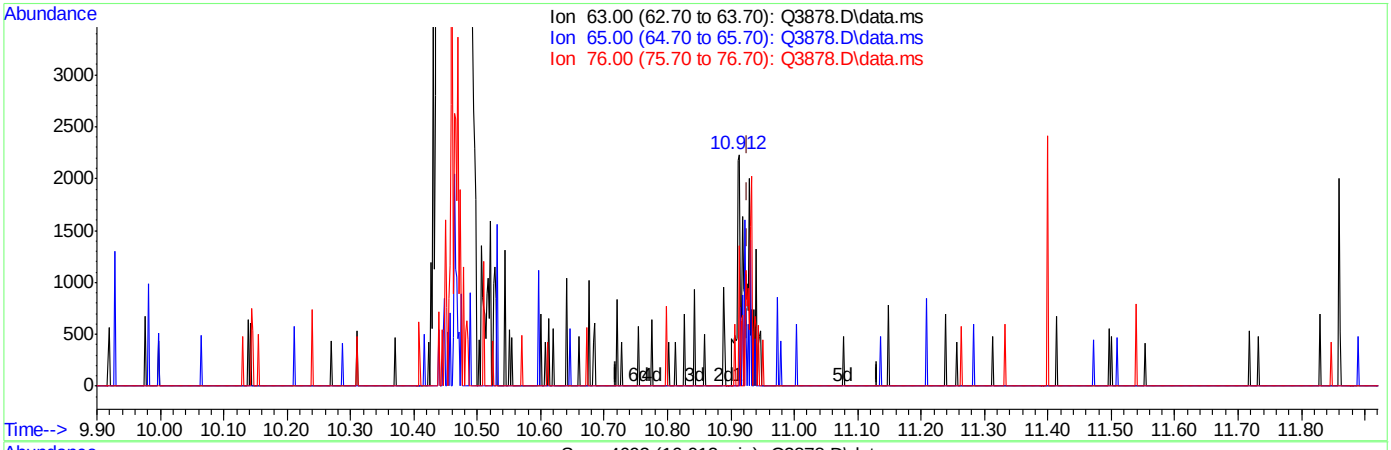
response 3119

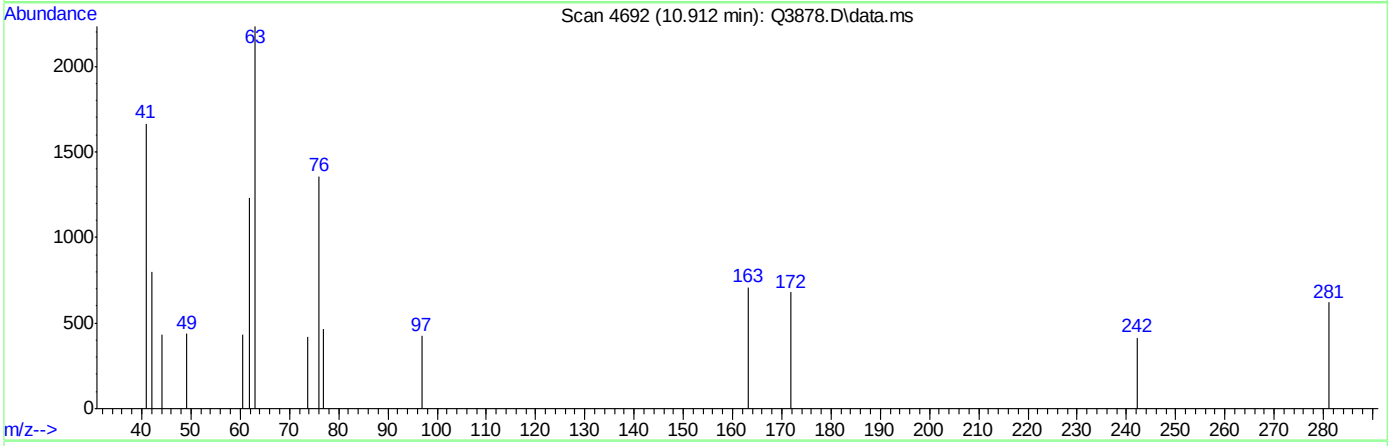
Ion	Exp%	Act%
84.00	100	100
56.00	177.10	26.87#
69.00	37.70	0.00#
0.00	0.00	0.00

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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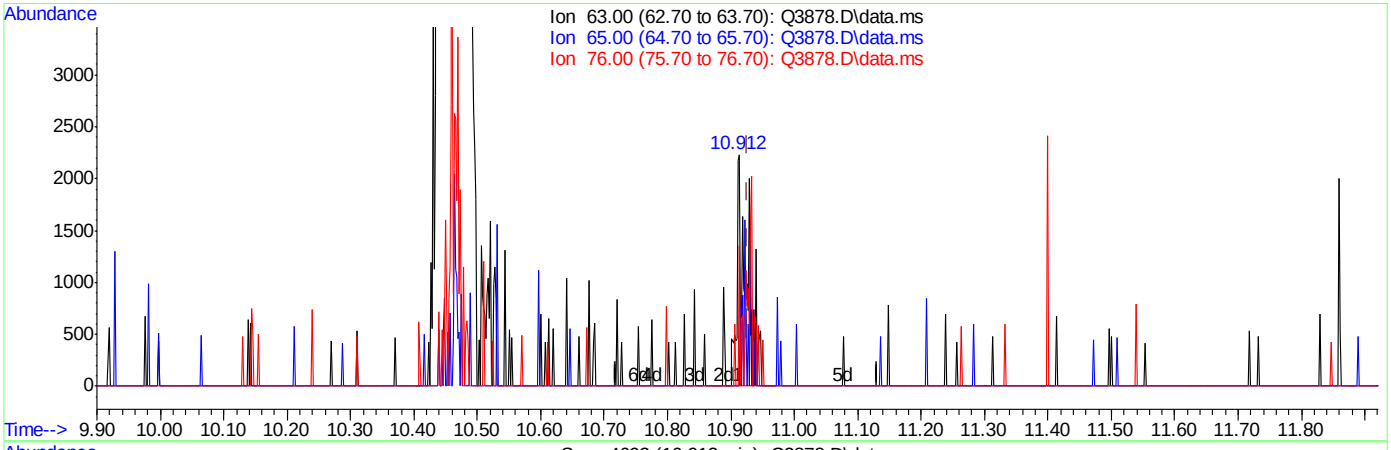
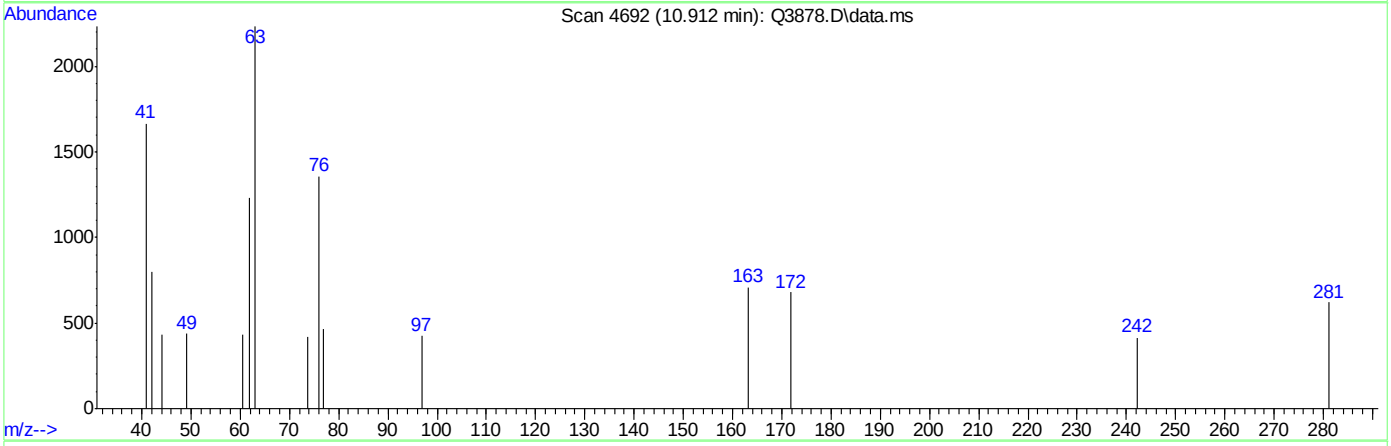
Quantitation Report (Qedit)

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

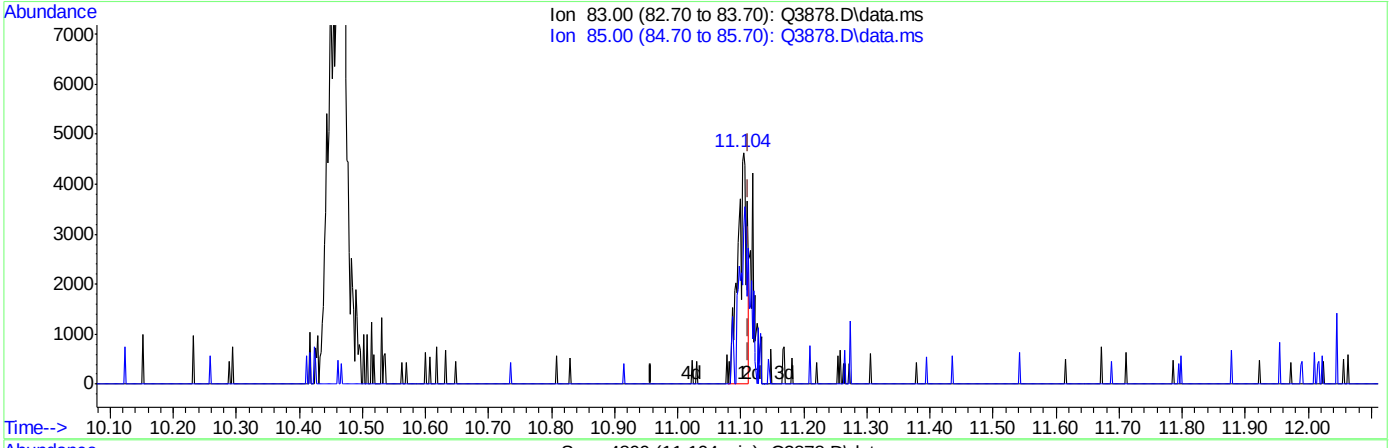
Ion	Exp%	Act%
63.00	100	100
65.00	28.60	20.19
76.00	41.10	59.23
0.00	0.00	0.00

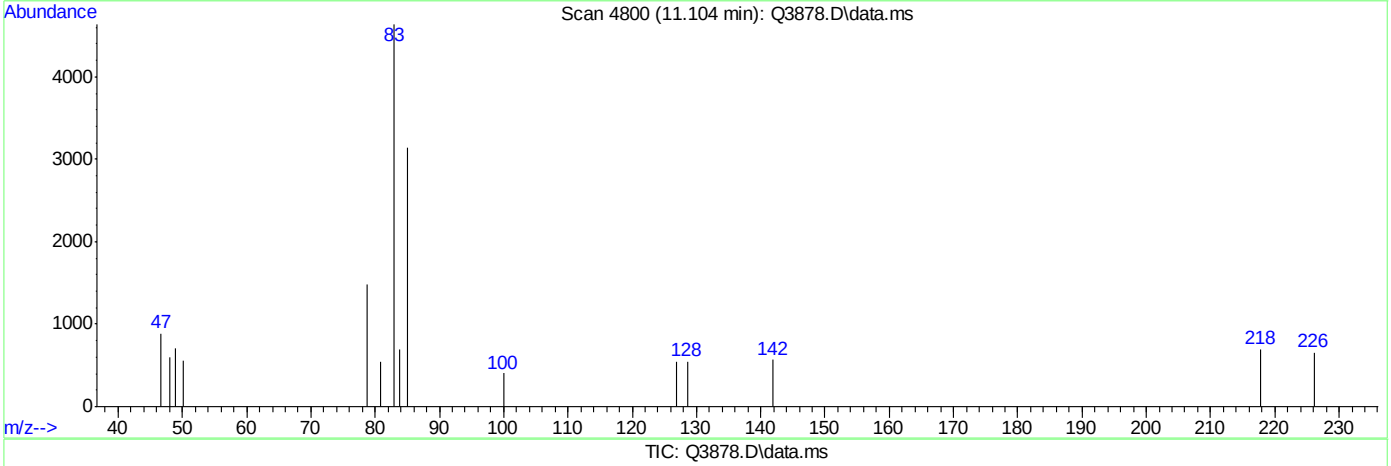
ACCUTEST Laboratories M65960

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

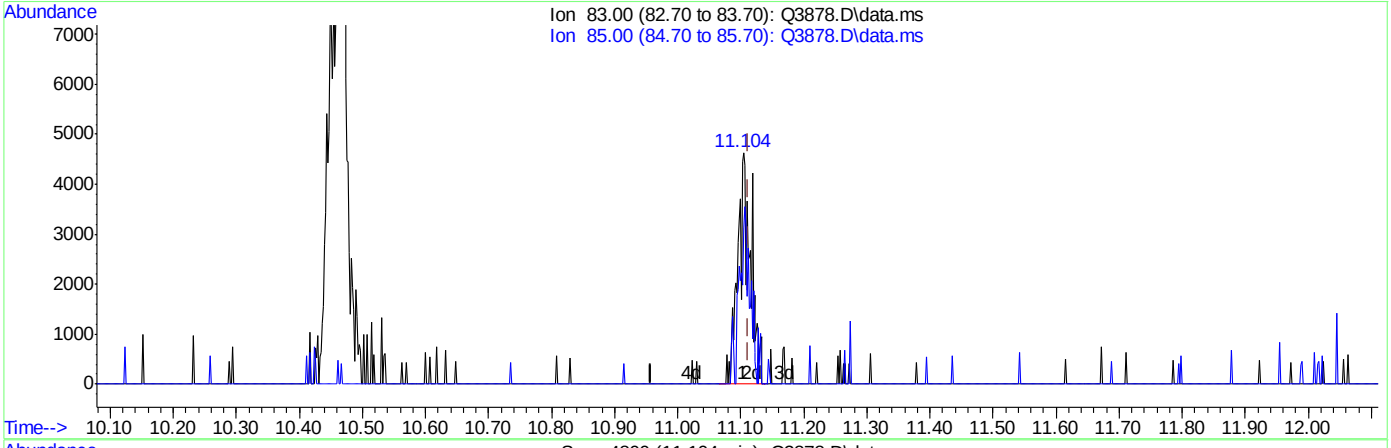
response 4525

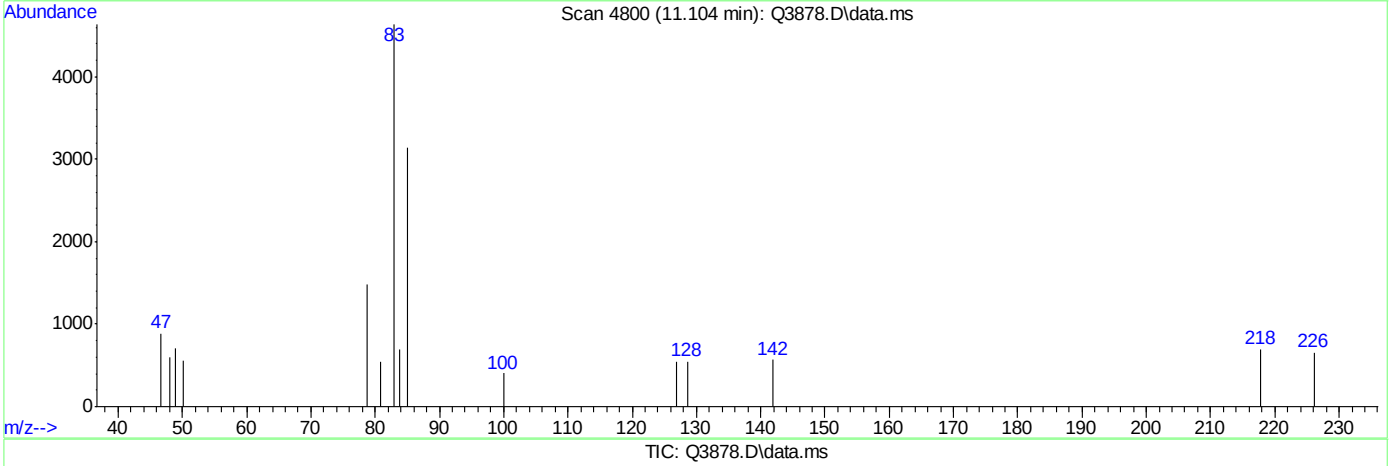
Ion	Exp%	Act%
83.00	100	100
85.00	63.80	93.15#
0.00	0.00	0.00
0.00	0.00	0.00

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

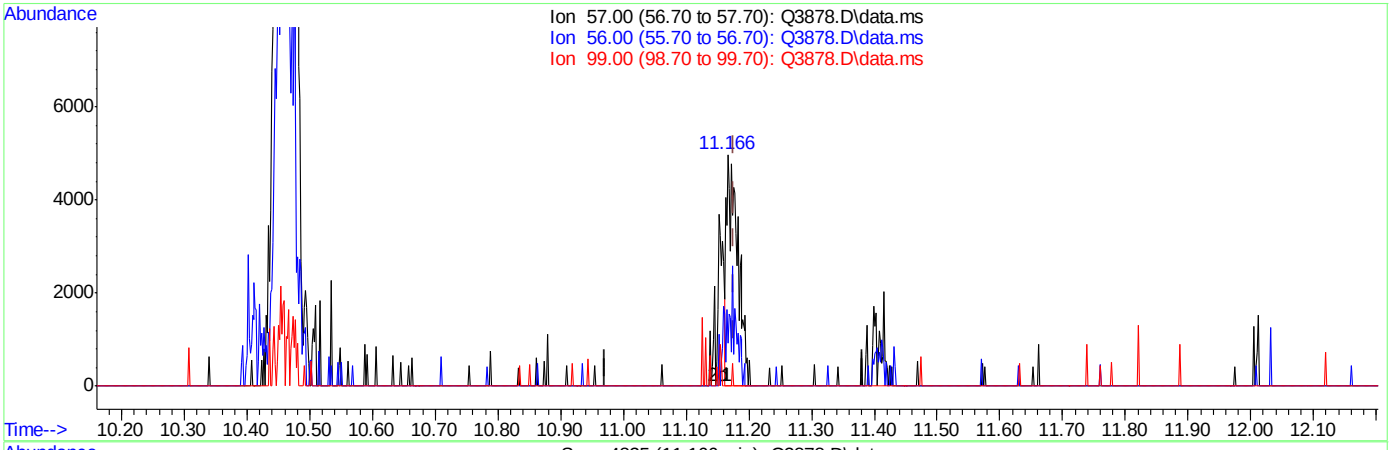
response 6598

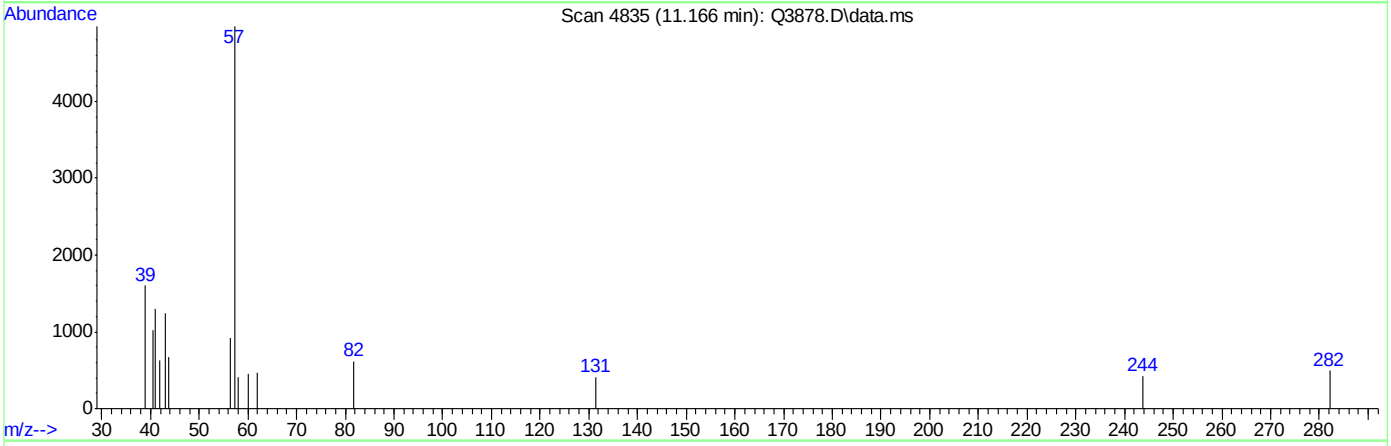
Ion	Exp%	Act%
83.00	100	100
85.00	63.80	63.88
0.00	0.00	0.00
0.00	0.00	0.00

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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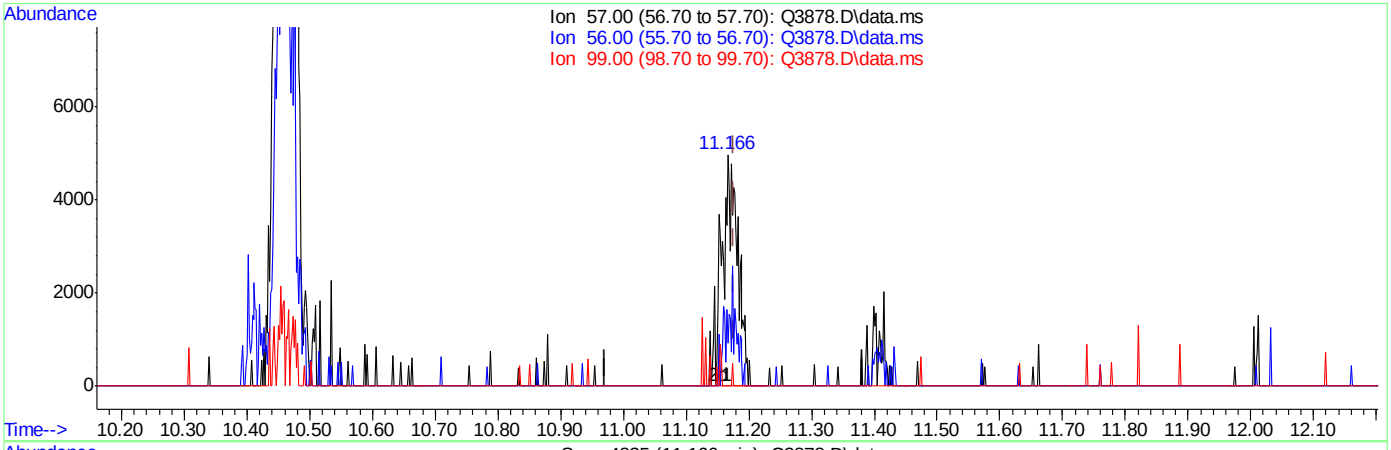
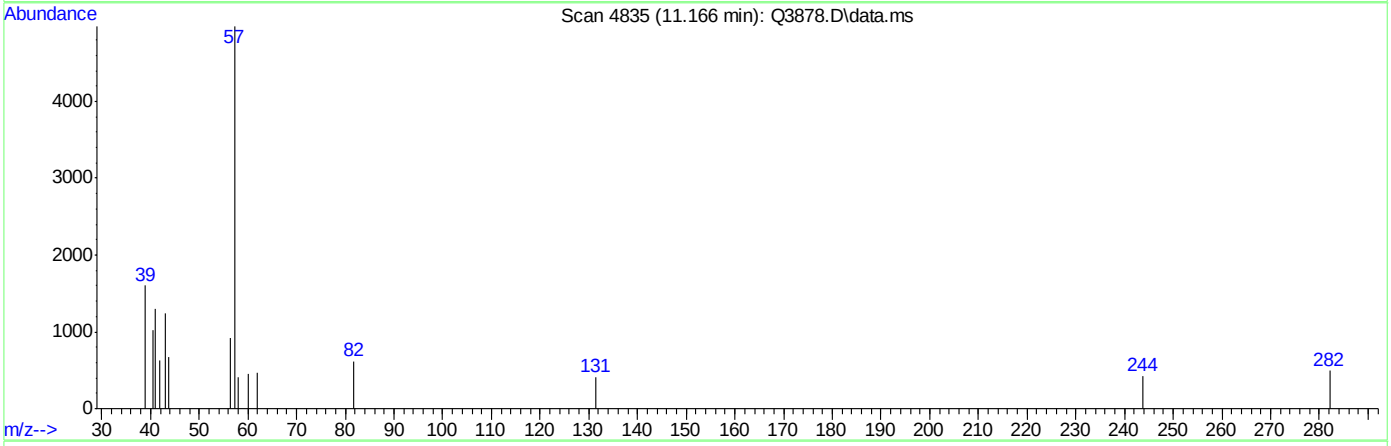
Quantitation Report (Qedit)

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

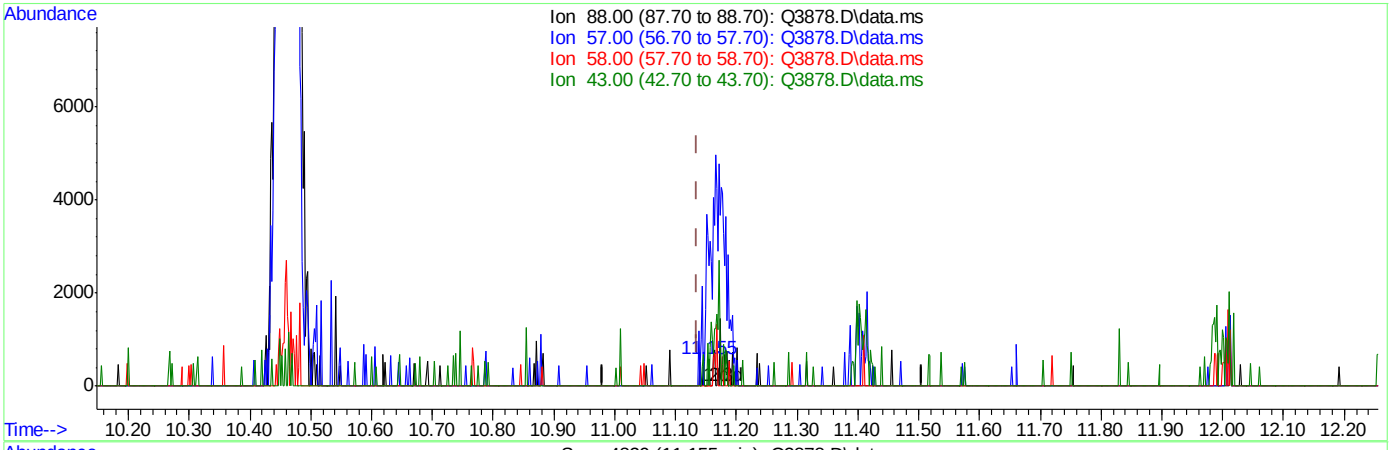
Ion	Exp%	Act%
57.00	100	100
56.00	32.10	18.80
99.00	6.00	0.00
0.00	0.00	0.00

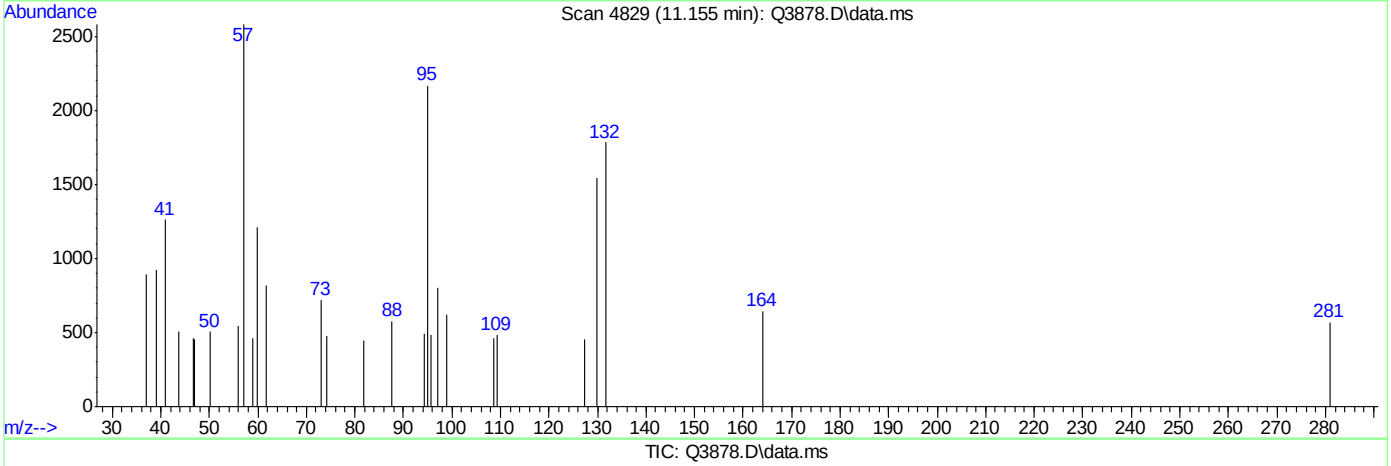
ACCUTEST Laboratories M65960

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

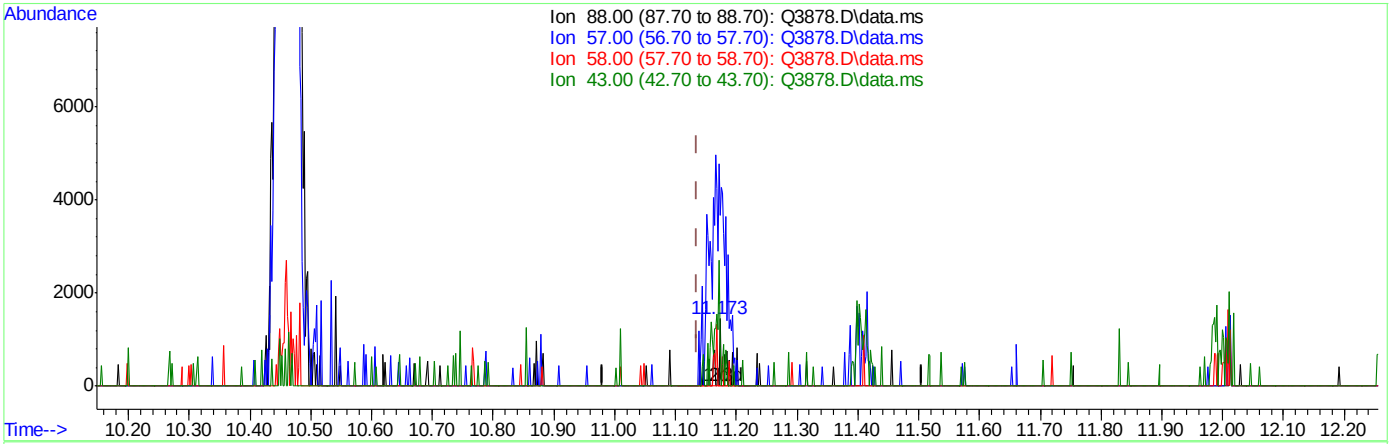
response 62

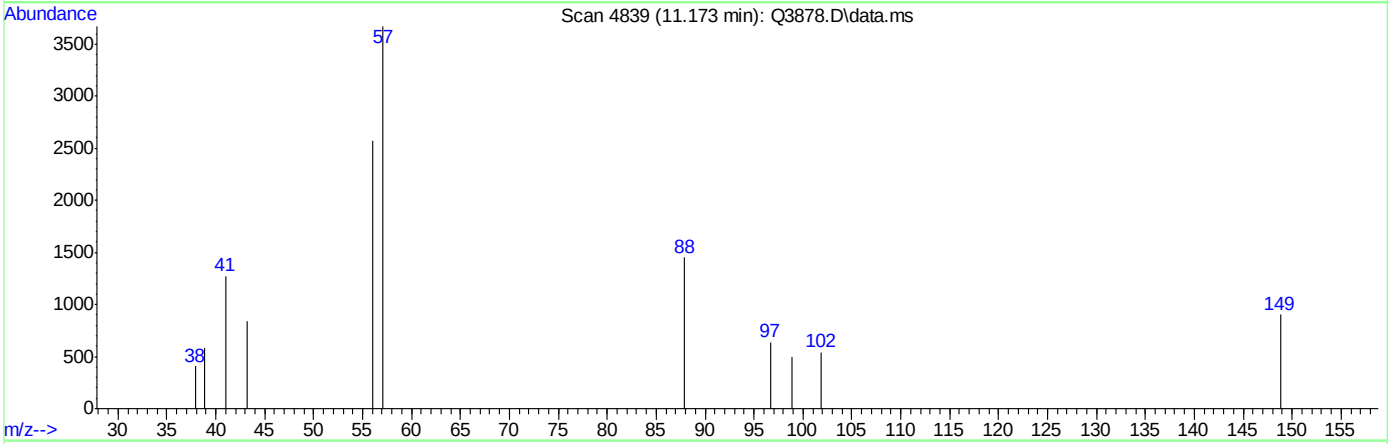
Ion	Exp%	Act%
88.00	100	100
57.00	45.40	445.77#
58.00	84.10	0.00#
43.00	40.20	0.00#

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

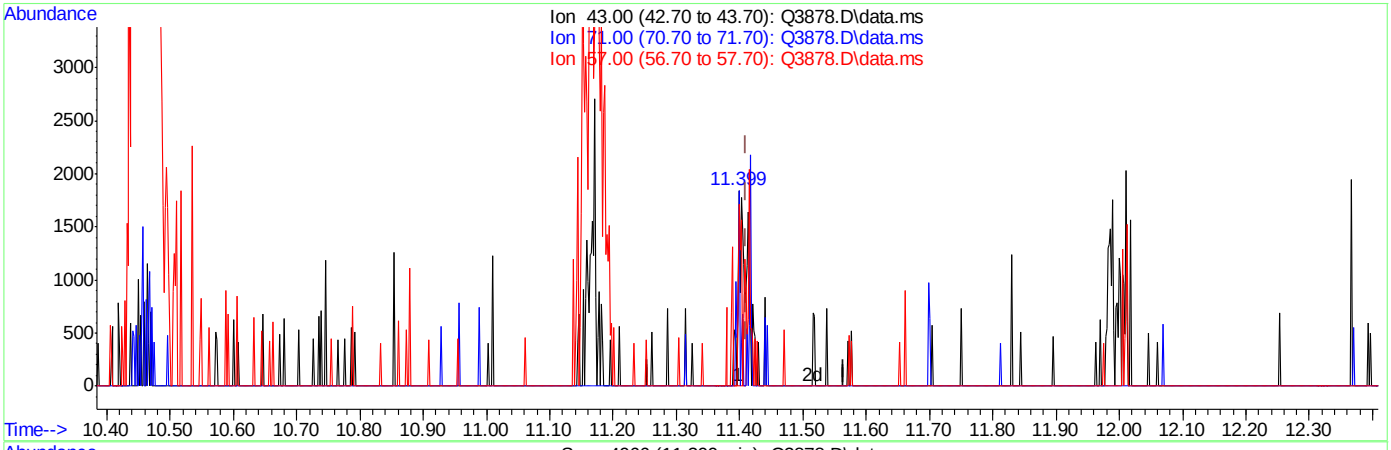
response 951

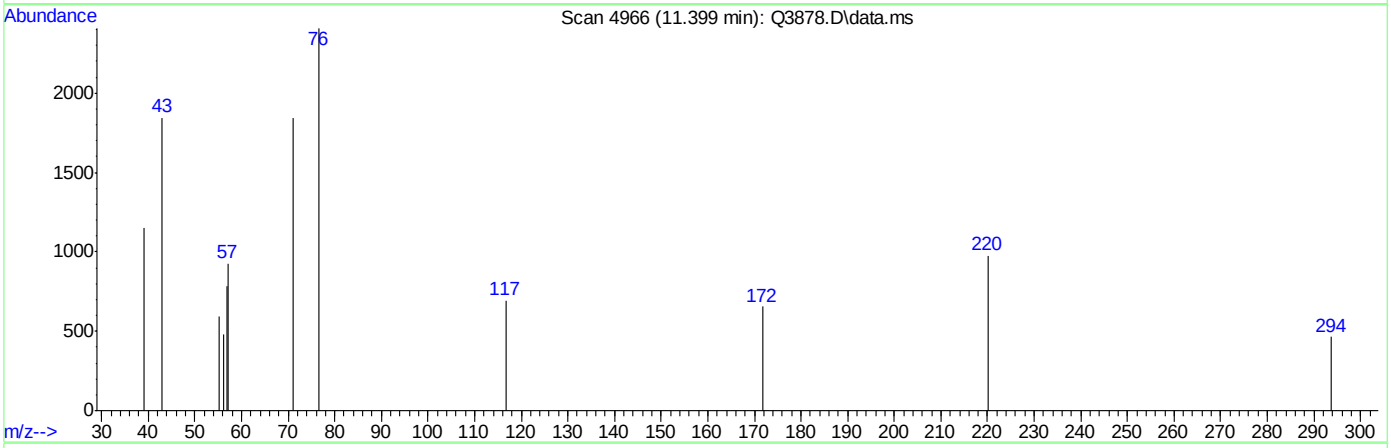
Ion	Exp%	Act%
88.00	100	100
57.00	45.40	253.10#
58.00	84.10	0.00#
43.00	40.20	58.00

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

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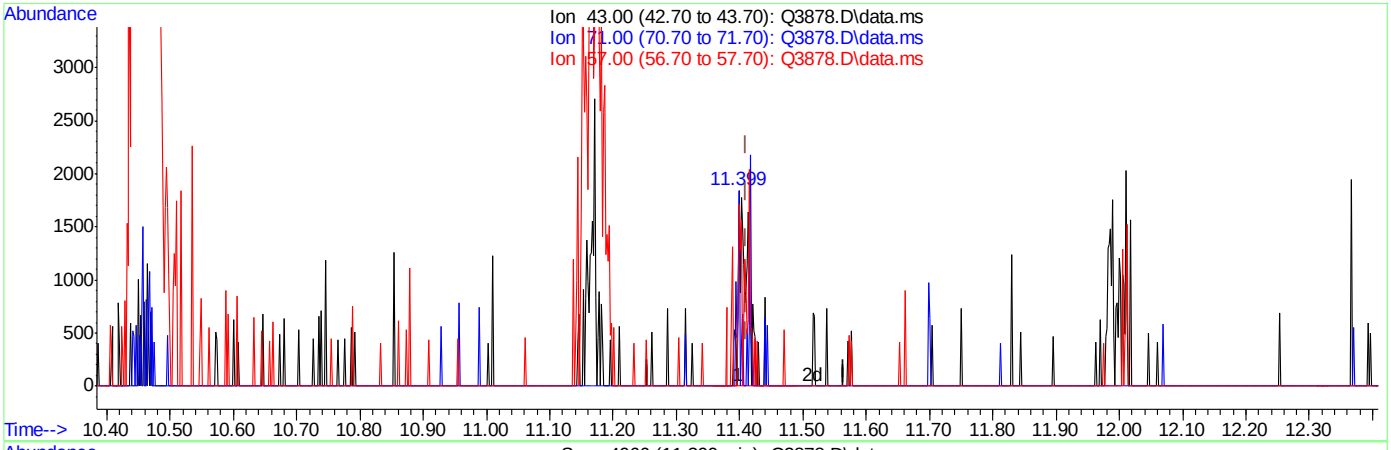
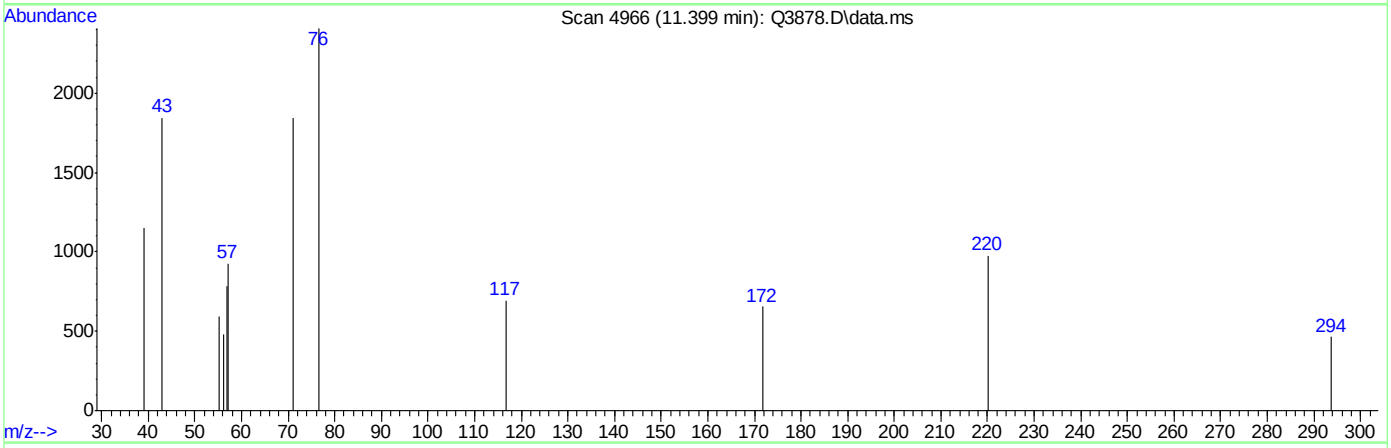
Quantitation Report (Qedit)

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

(43) HEPTANE (m)

11.399min (-0.012) 0.11PPBV m

response 1981

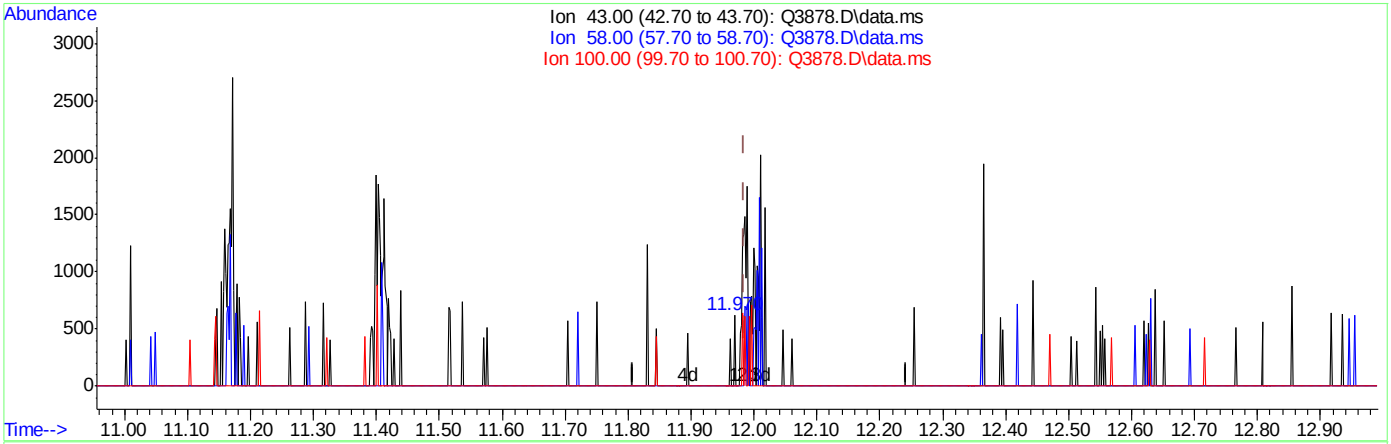
Ion	Exp%	Act%
43.00	100	100
71.00	40.90	27.26
57.00	54.60	10.75#
0.00	0.00	0.00

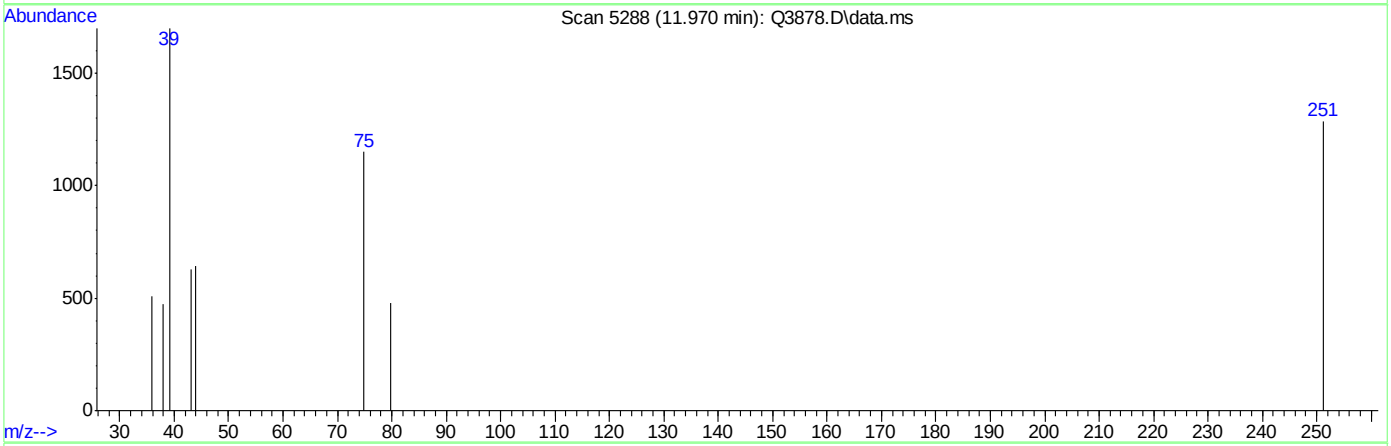
ACCUTEST Laboratories M65960

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

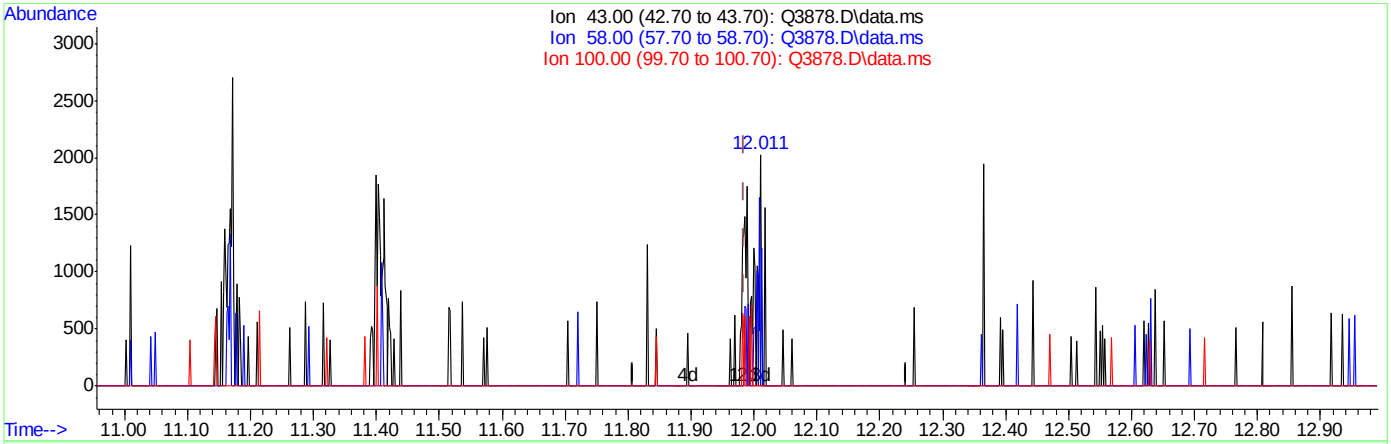
response 111

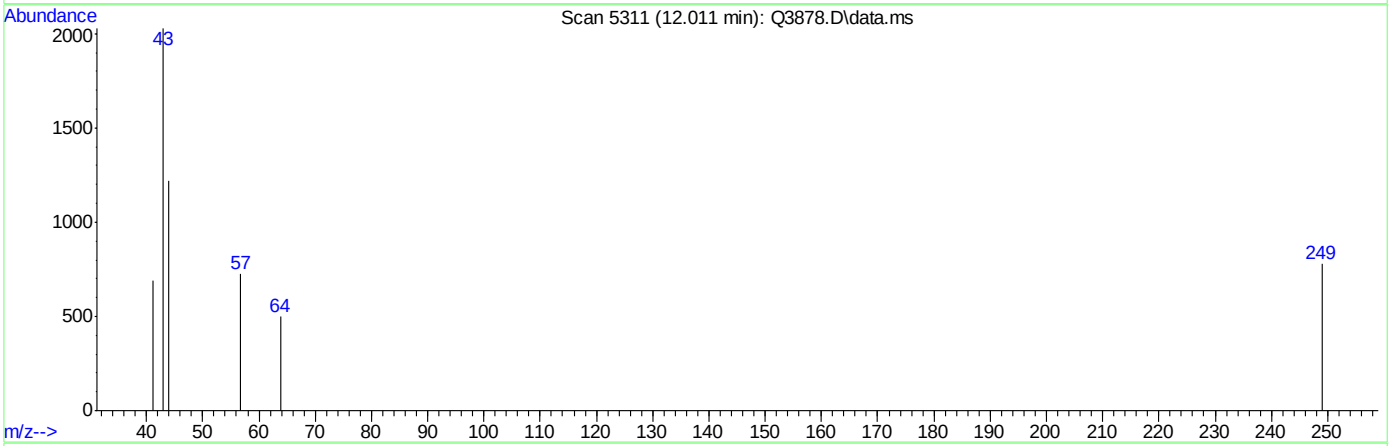
Ion	Exp%	Act%
43.00	100	100
58.00	39.30	0.00#
100.00	8.70	0.00
0.00	0.00	0.00

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

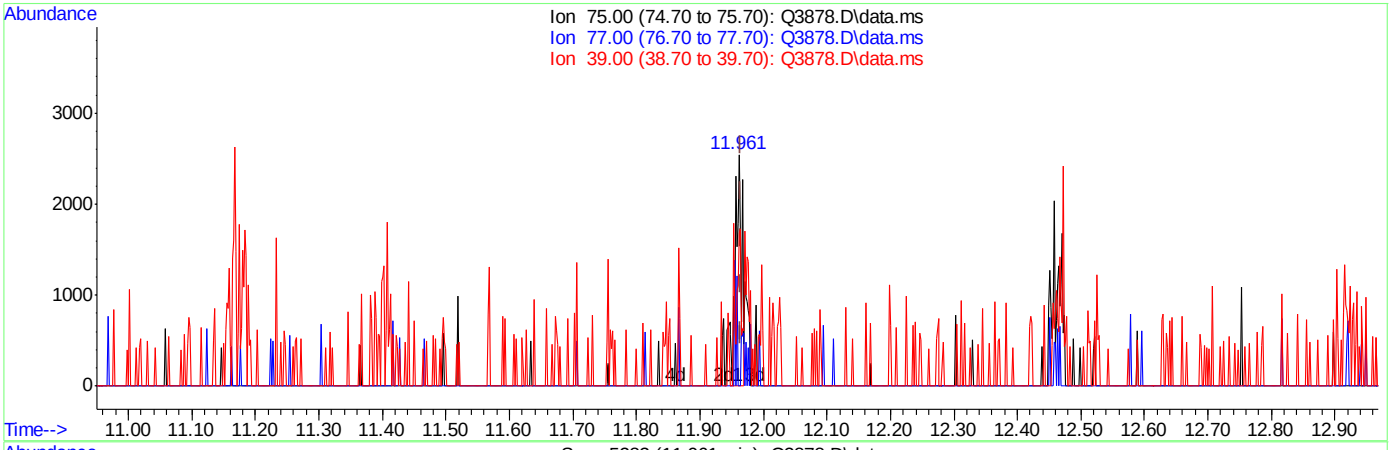
response 2163

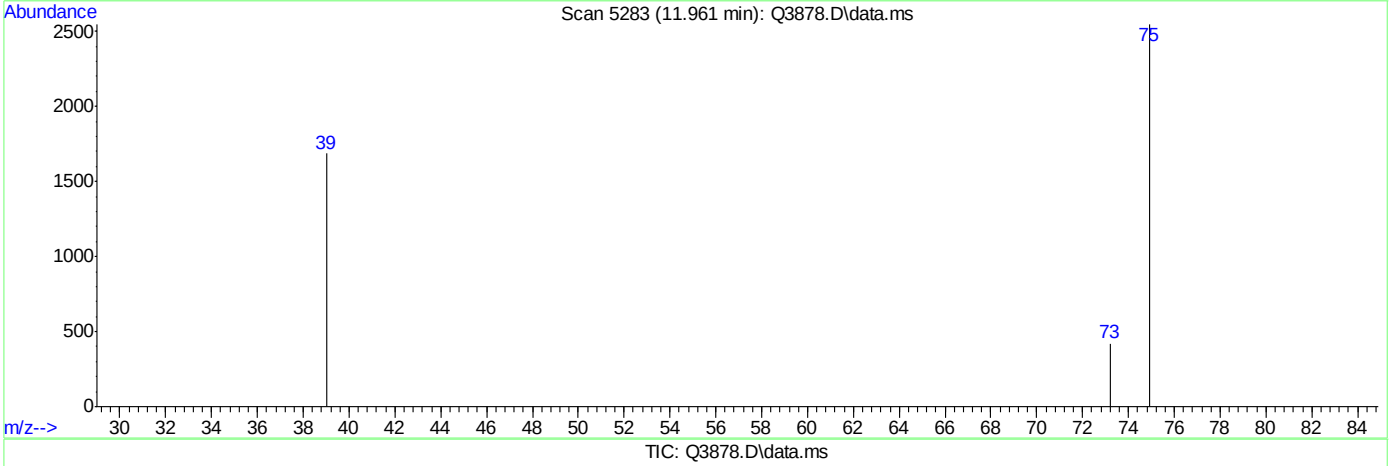
Ion	Exp%	Act%
43.00	100	100
58.00	39.30	0.00#
100.00	8.70	0.00
0.00	0.00	0.00

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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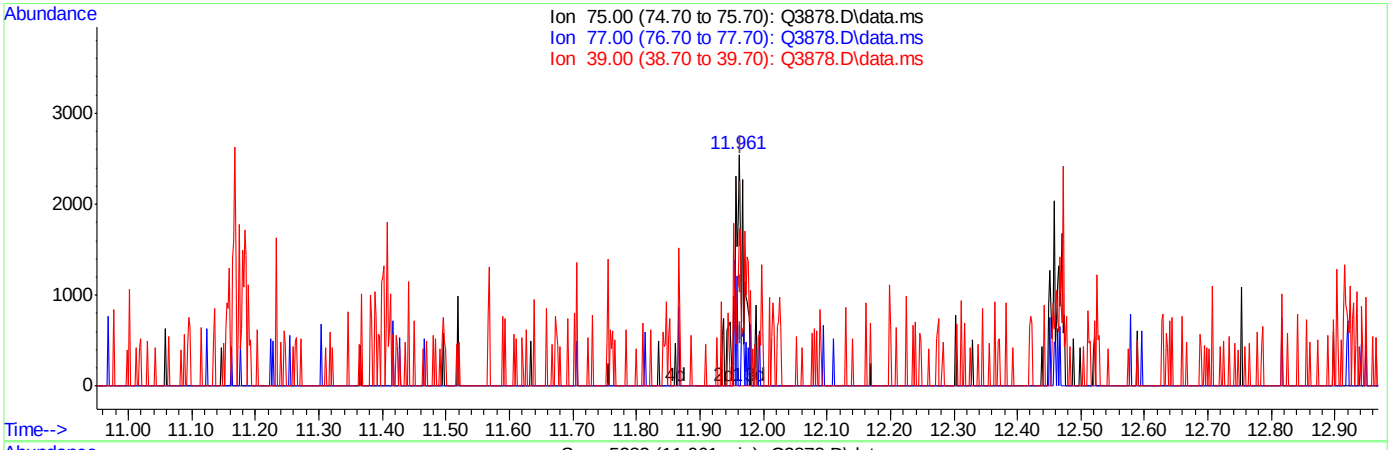
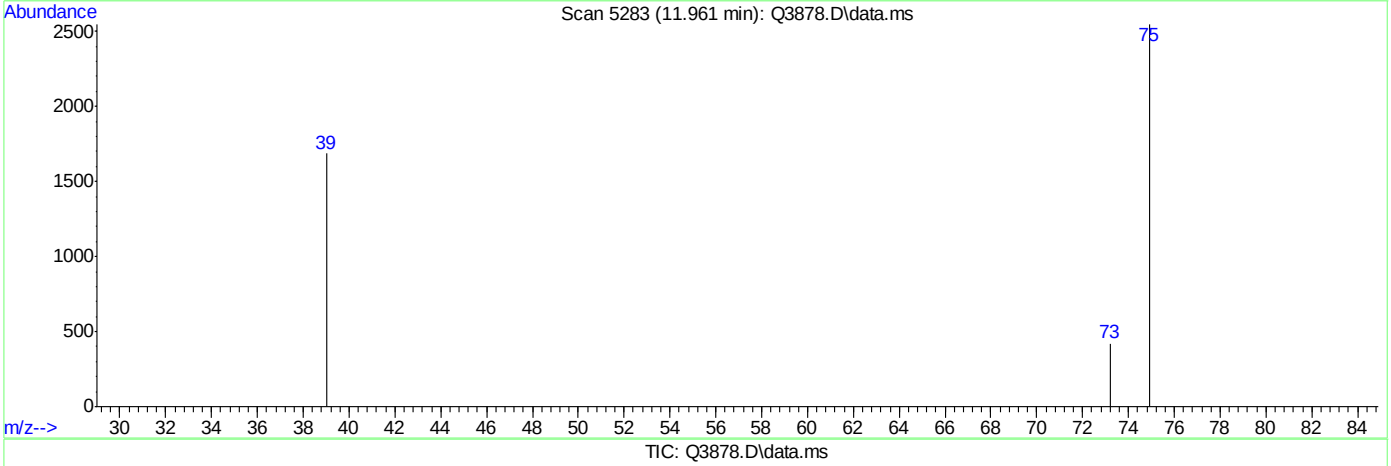
Quantitation Report (Qedit)

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

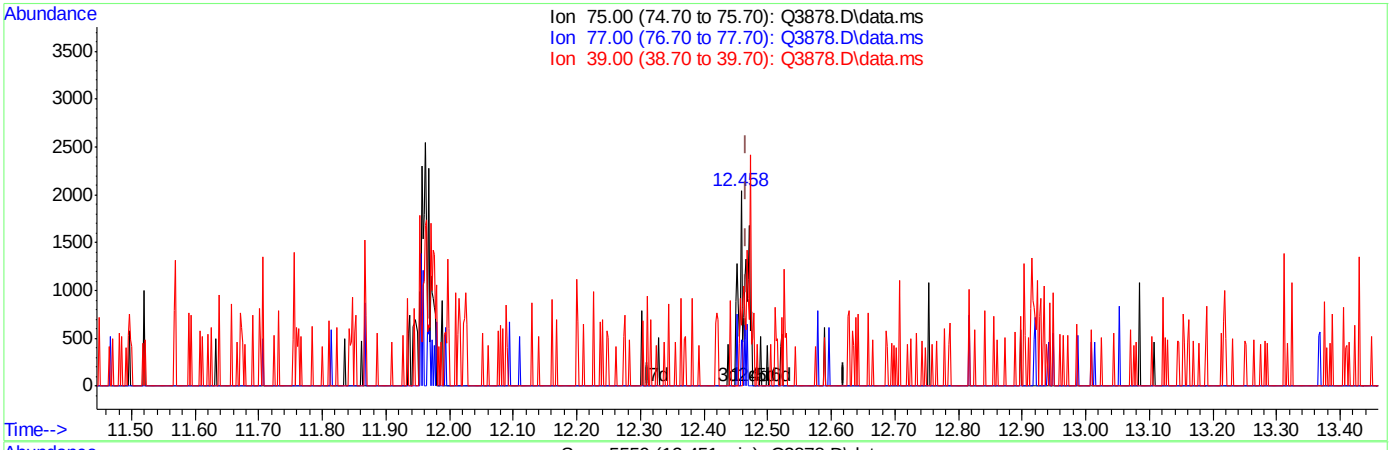
Ion	Exp%	Act%
75.00	100	100
77.00	31.60	10.49#
39.00	87.50	41.58#
0.00	0.00	0.00

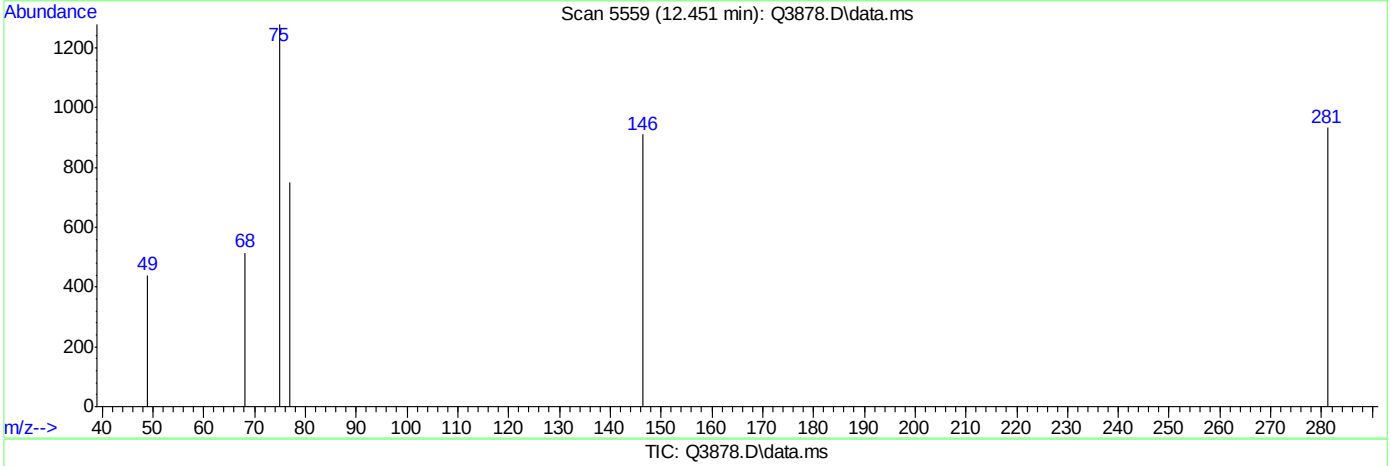
ACCUTEST Laboratories M65960

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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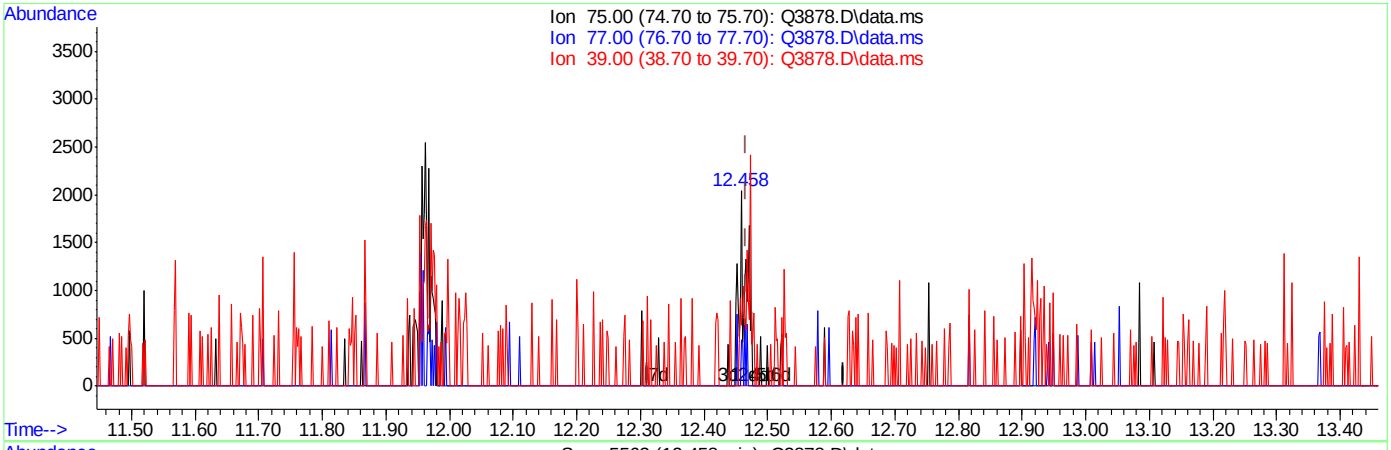
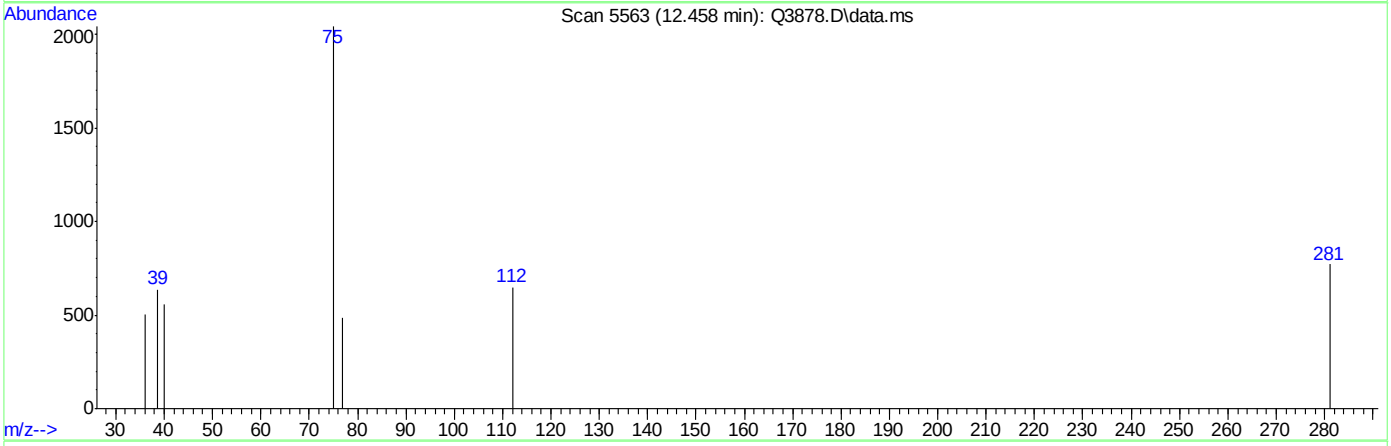
Quantitation Report (Qedit)

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

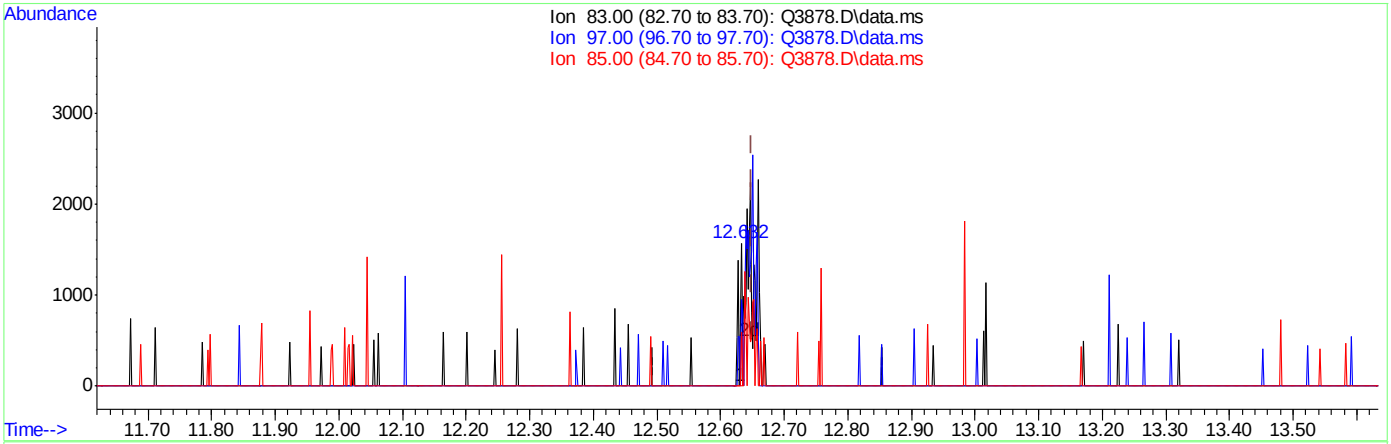
response 1702

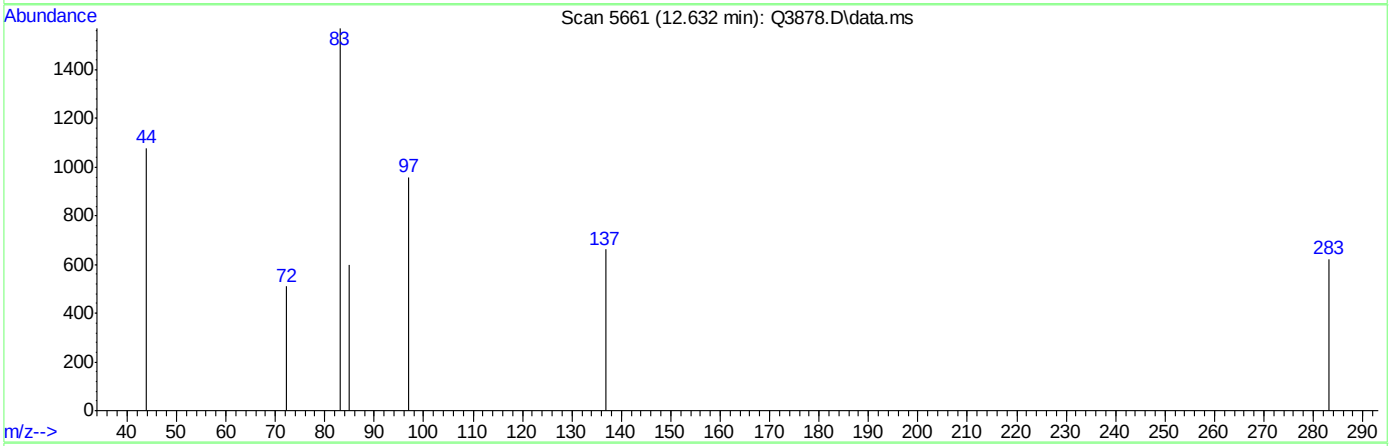
Ion	Exp%	Act%
75.00	100	100
77.00	31.60	0.00#
39.00	60.50	0.00#
0.00	0.00	0.00

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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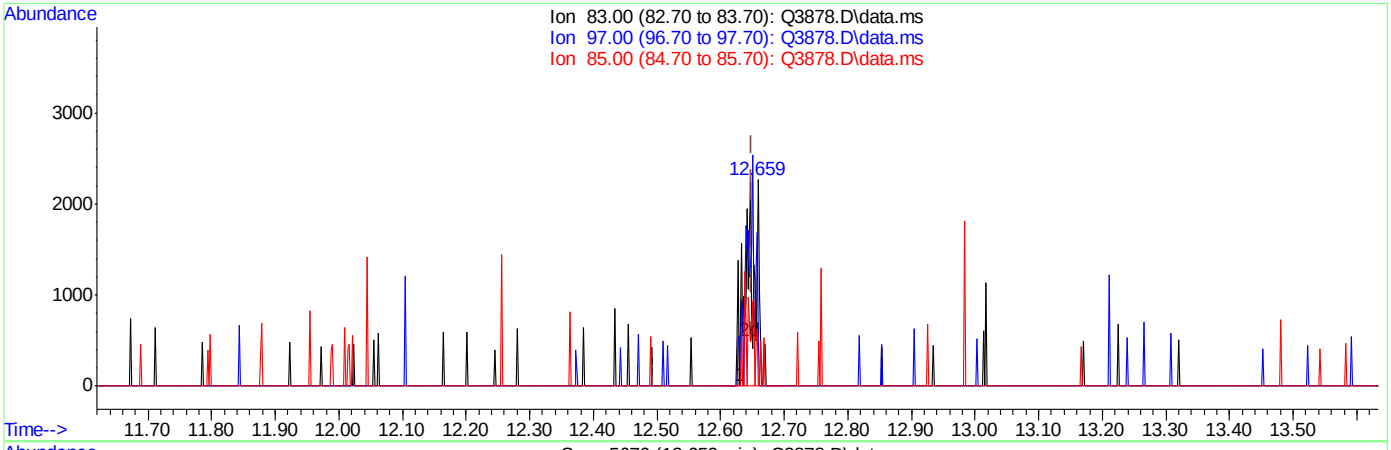
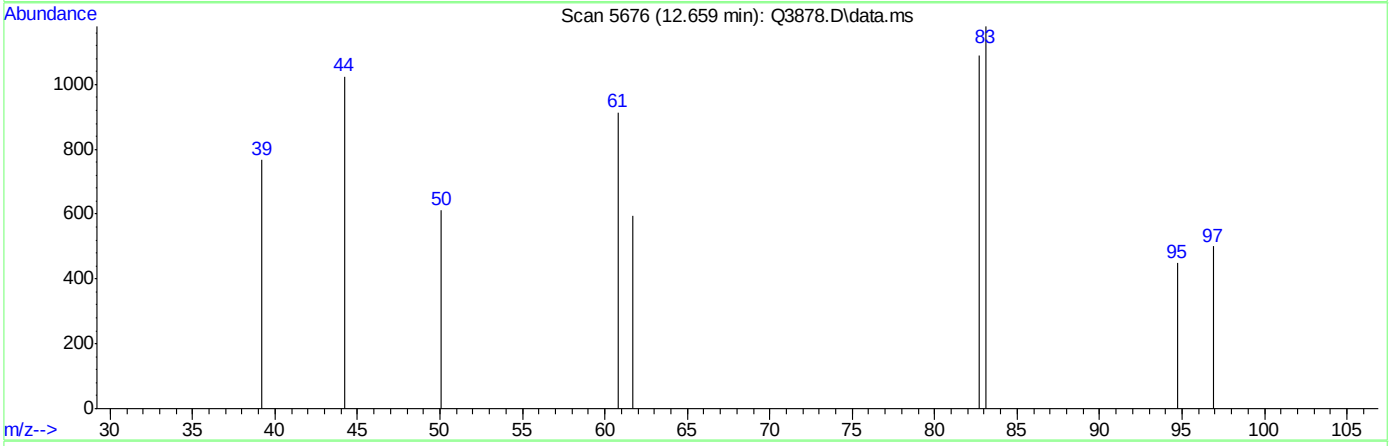
Quantitation Report (Qedit)

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

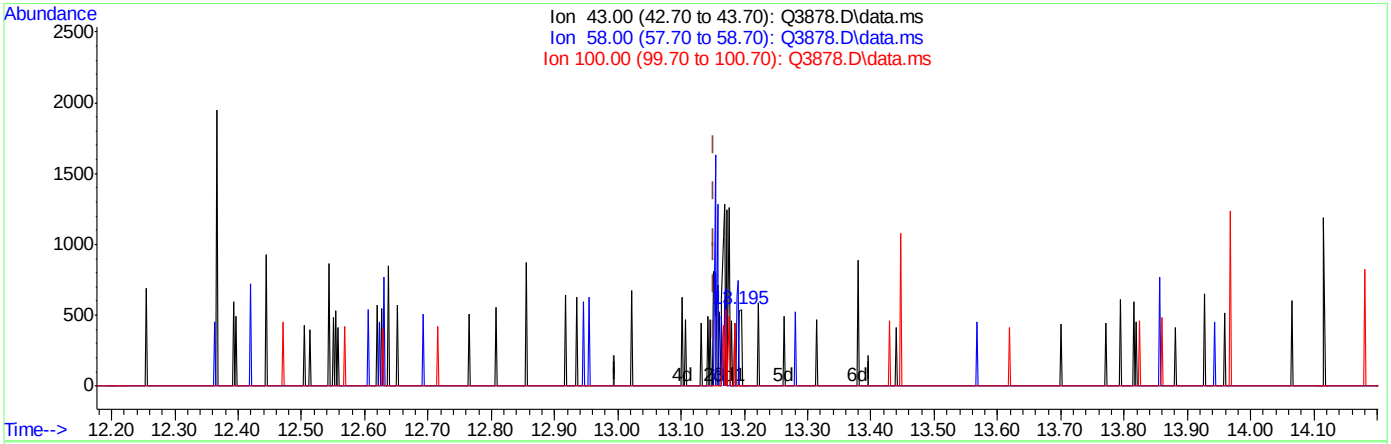
Ion	Exp%	Act%
83.00	100	100
97.00	113.20	0.00#
85.00	64.40	10.36#
0.00	0.00	0.00

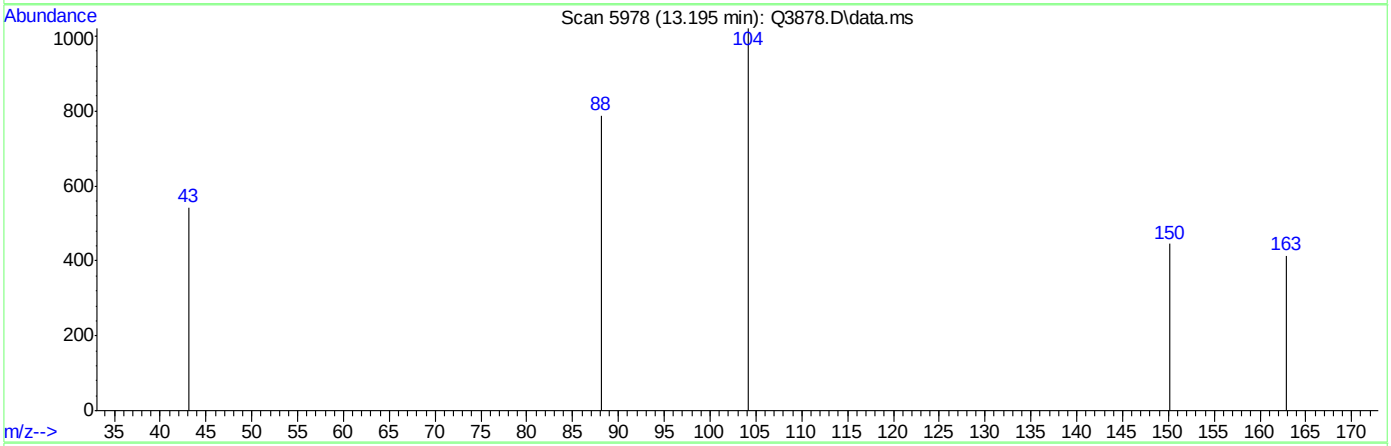
ACCUTEST Laboratories M65960

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

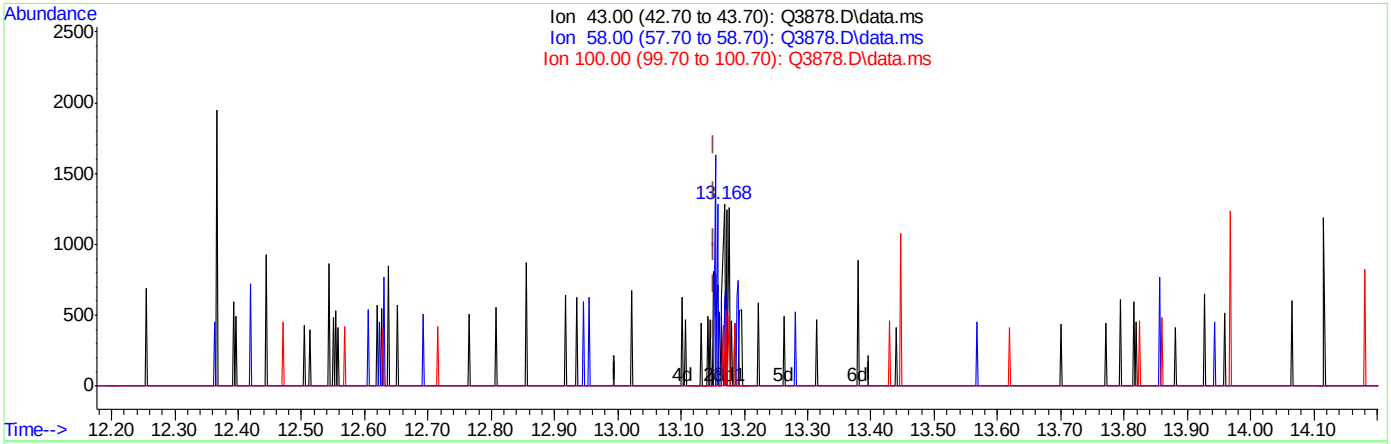
Ion	Exp%	Act%
43.00	100	100
58.00	52.00	54.85
100.00	6.20	17.54
0.00	0.00	0.00

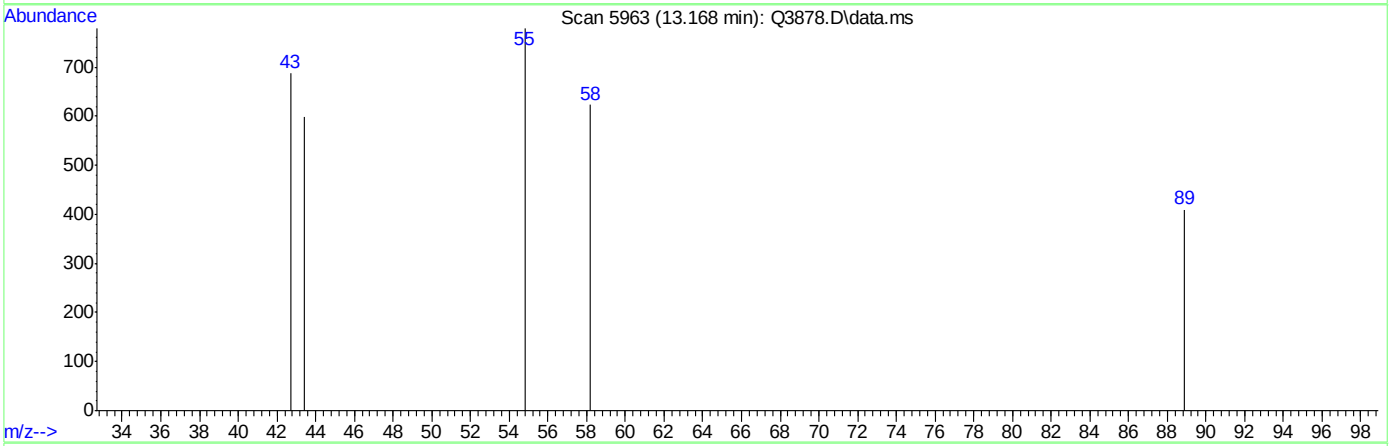
ACCUTEST Laboratories M65960

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

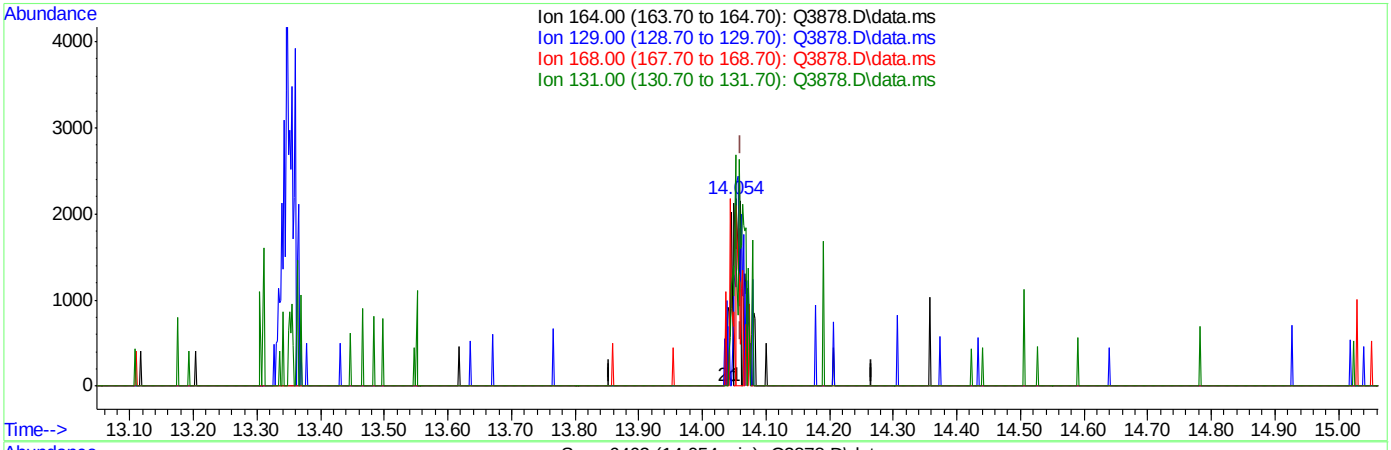
Ion	Exp%	Act%
43.00	100	100
58.00	52.00	10.86#
100.00	6.20	3.47
0.00	0.00	0.00

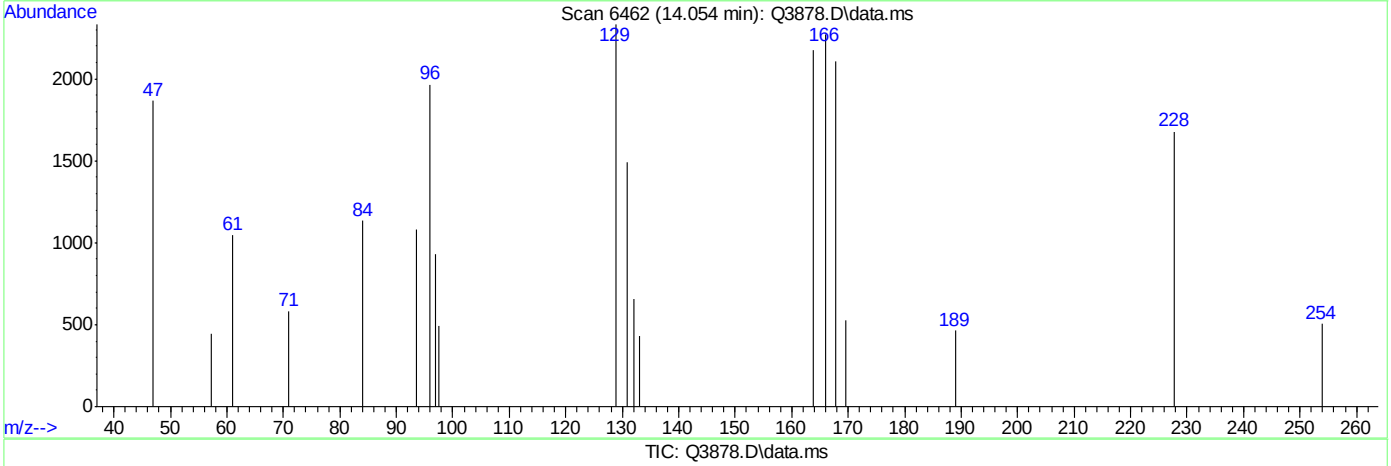
ACCUTEST Laboratories M65960

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

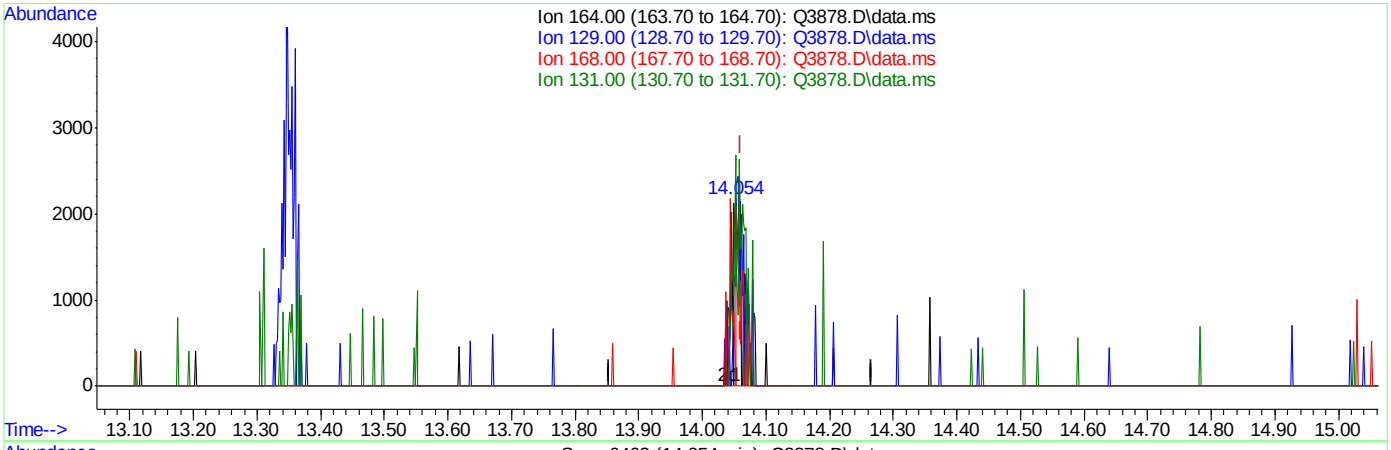
Ion	Exp%	Act%
164.00	100	100
129.00	107.30	196.40#
168.00	59.50	79.00
131.00	108.30	89.81

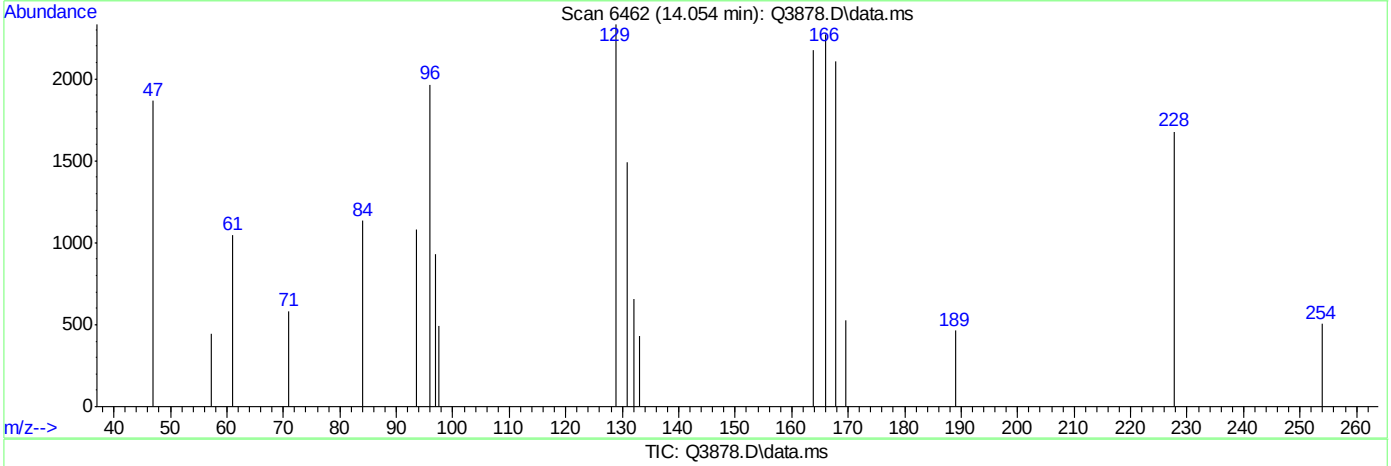
ACCUTEST Laboratories M65960

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

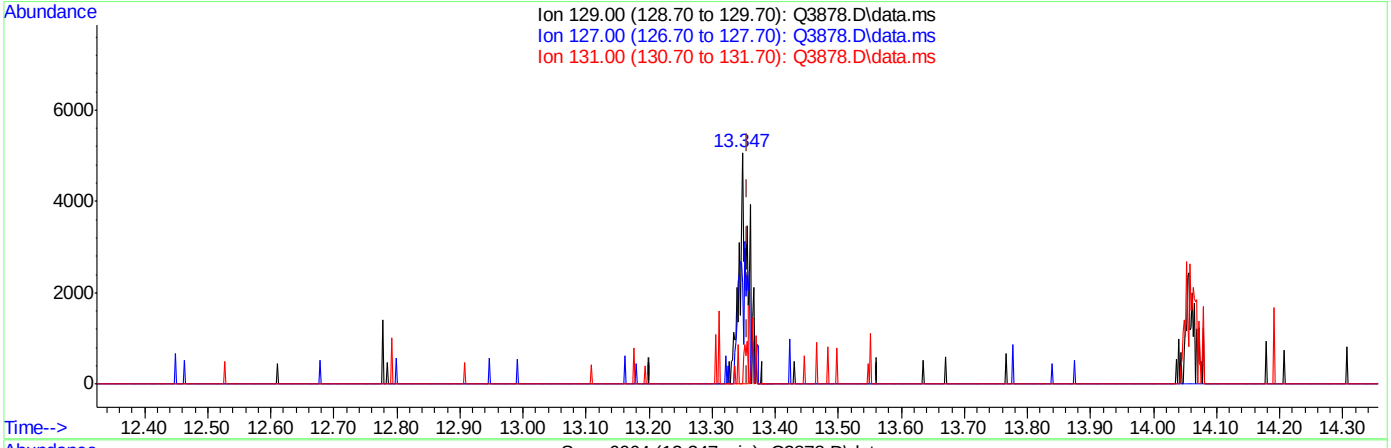
Ion	Exp%	Act%
164.00	100	100
129.00	107.30	87.48
168.00	59.50	35.19#
131.00	108.30	40.00#

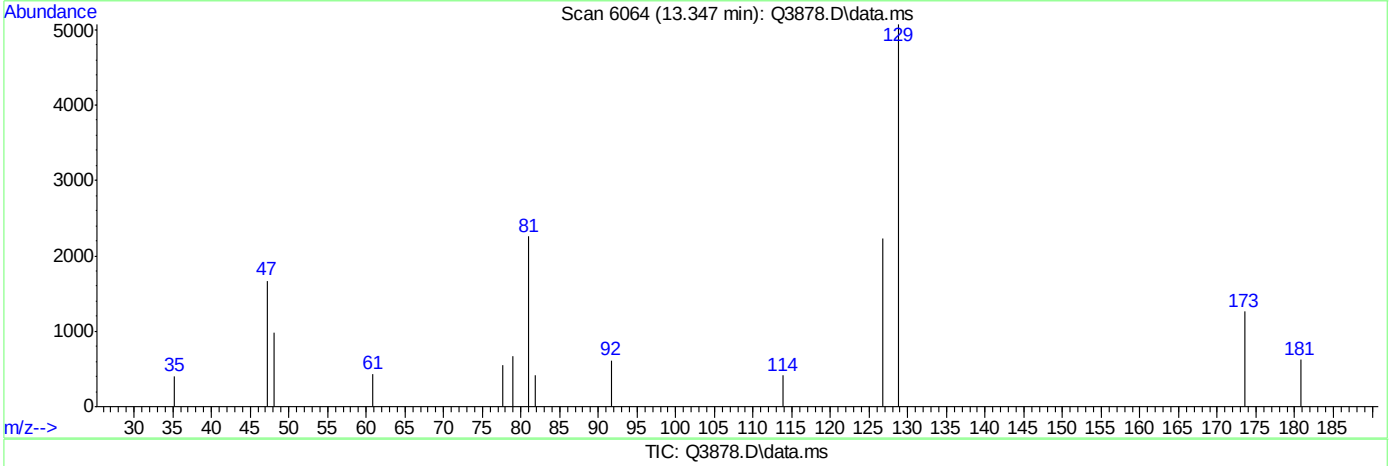
ACCUTEST Laboratories M65960

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

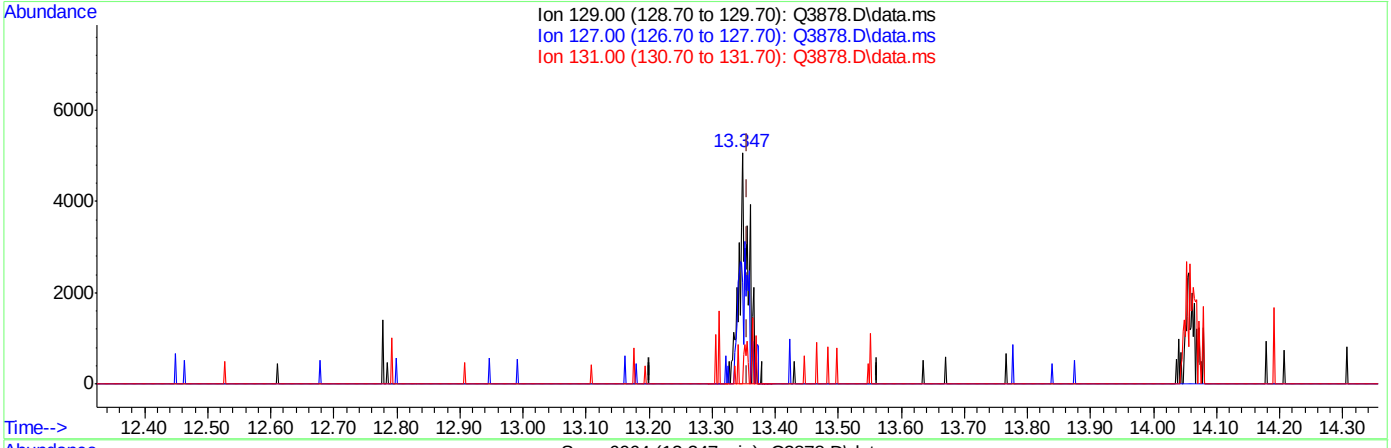
Ion	Exp%	Act%
129.00	100	100
127.00	78.20	93.13
131.00	25.20	10.27
0.00	0.00	0.00

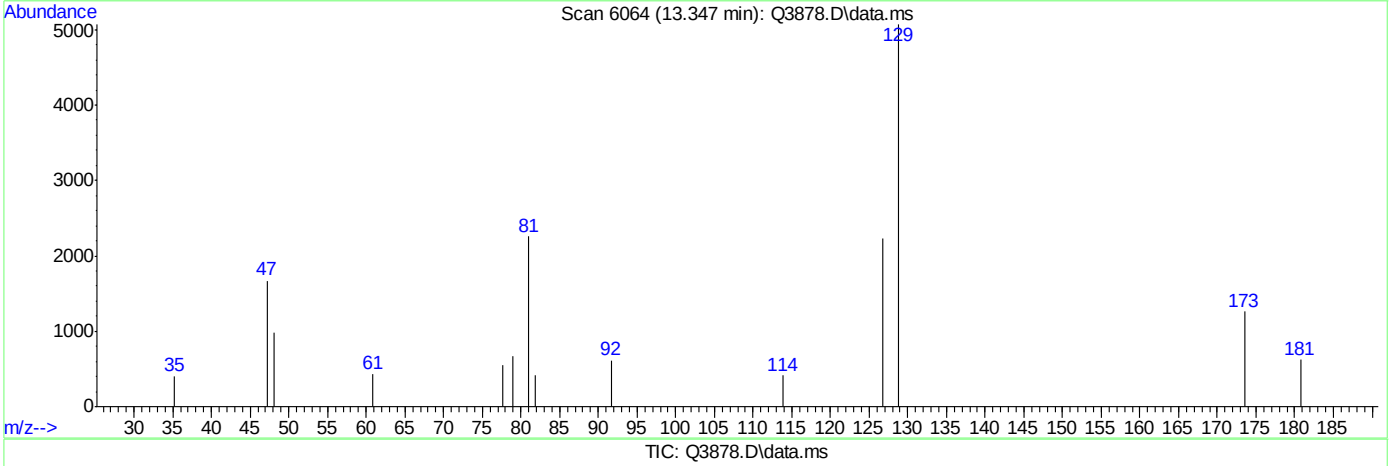
ACCUTEST Laboratories M65960

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

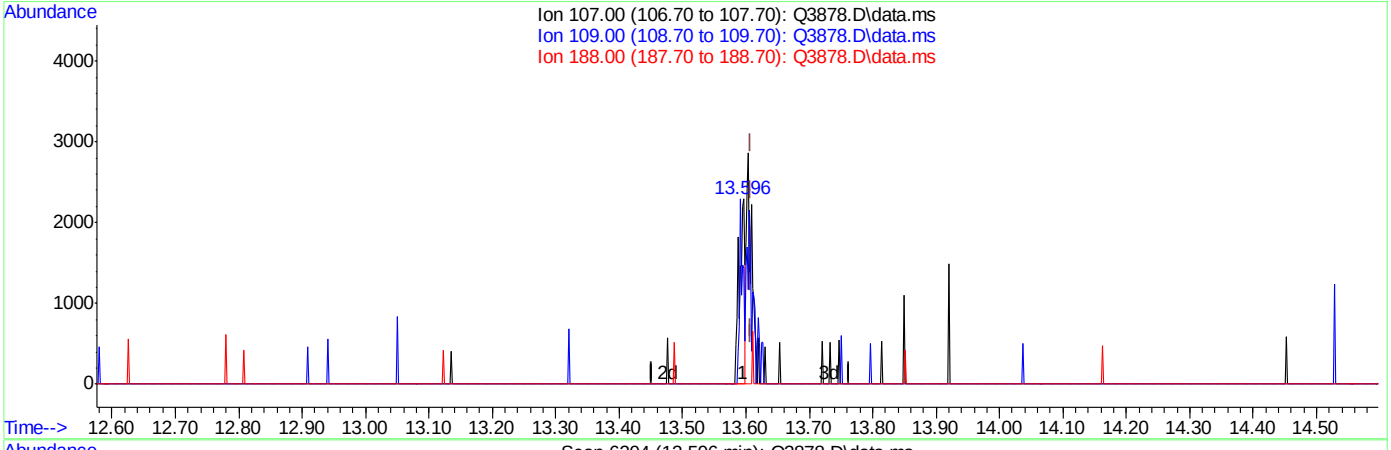
Ion	Exp%	Act%
129.00	100	100
127.00	78.20	71.12
131.00	25.20	7.84
0.00	0.00	0.00

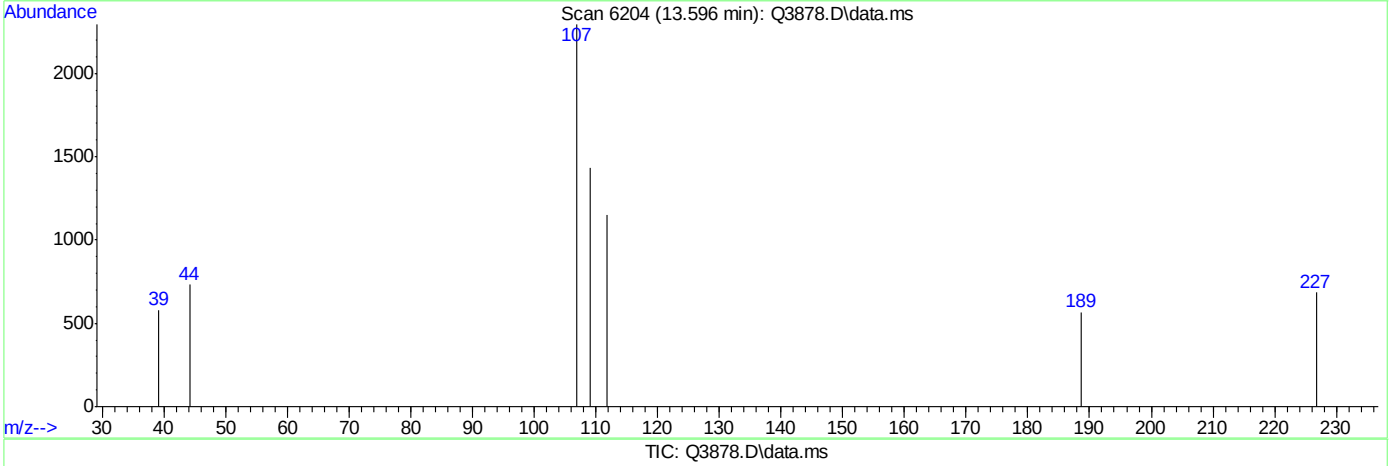
ACCUTEST Laboratories M65960

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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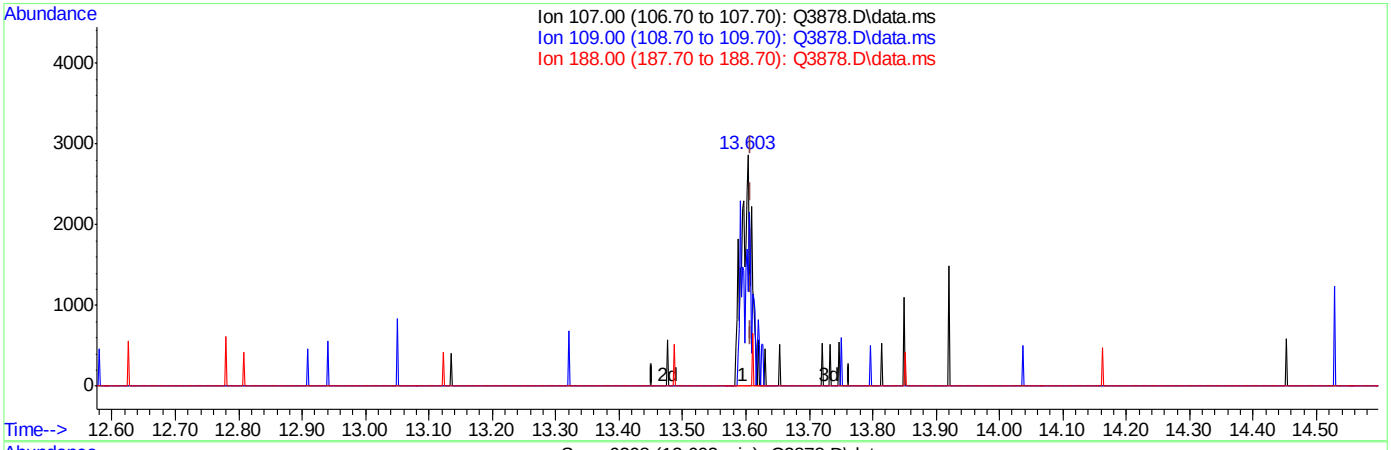
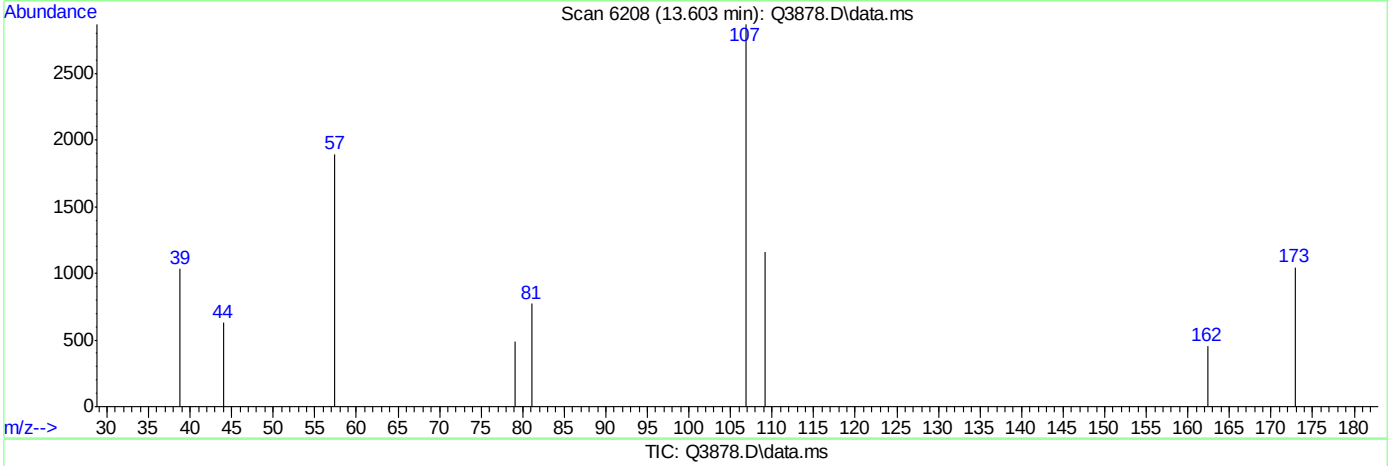
Quantitation Report (Qedit)

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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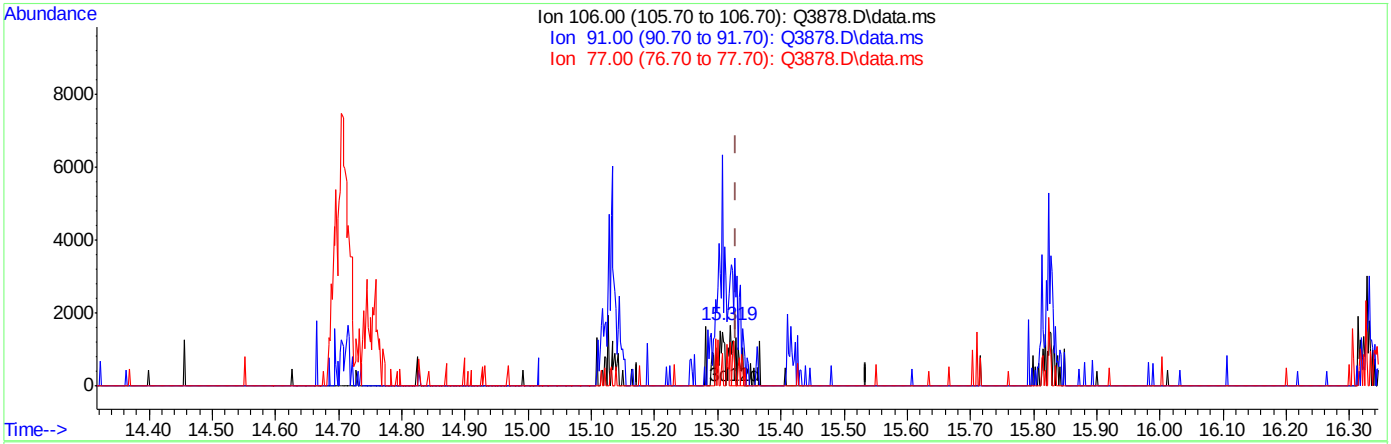
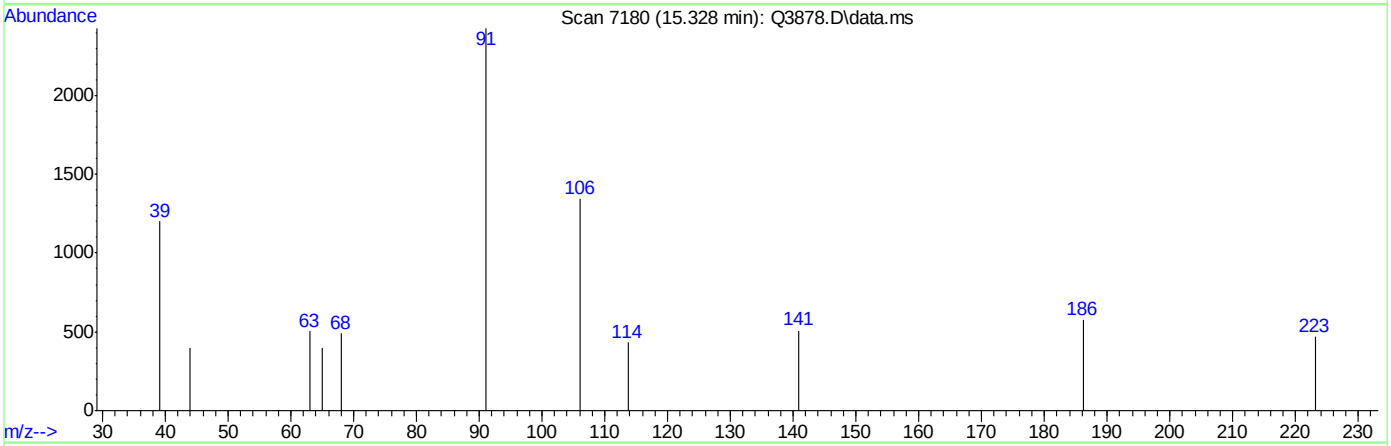
Quantitation Report (Qedit)

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

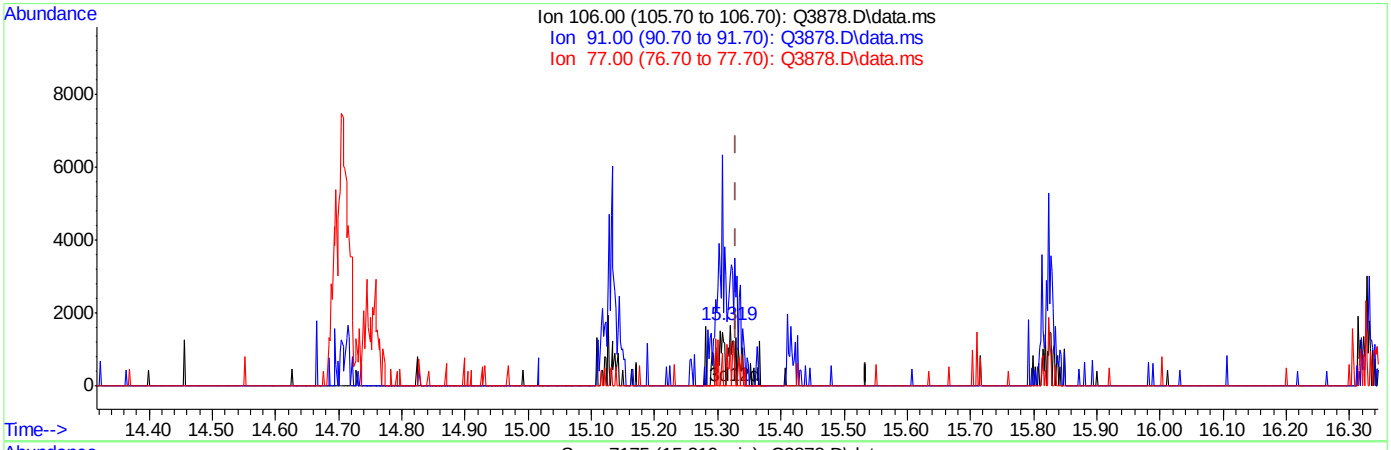
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	180.84
77.00	27.30	0.00#
0.00	0.00	0.00

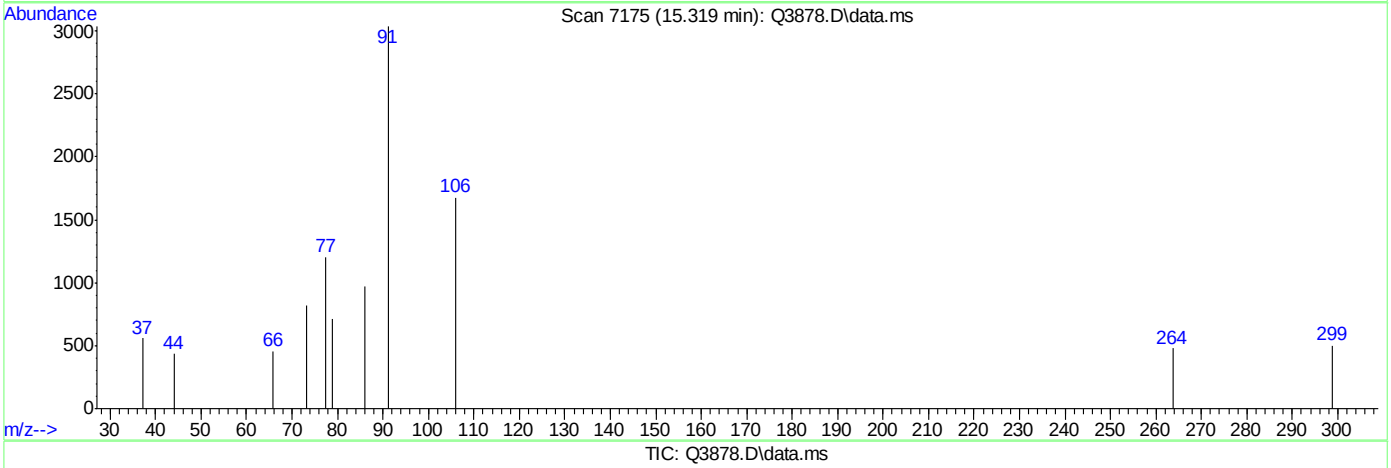
ACCUTEST Laboratories M65960

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

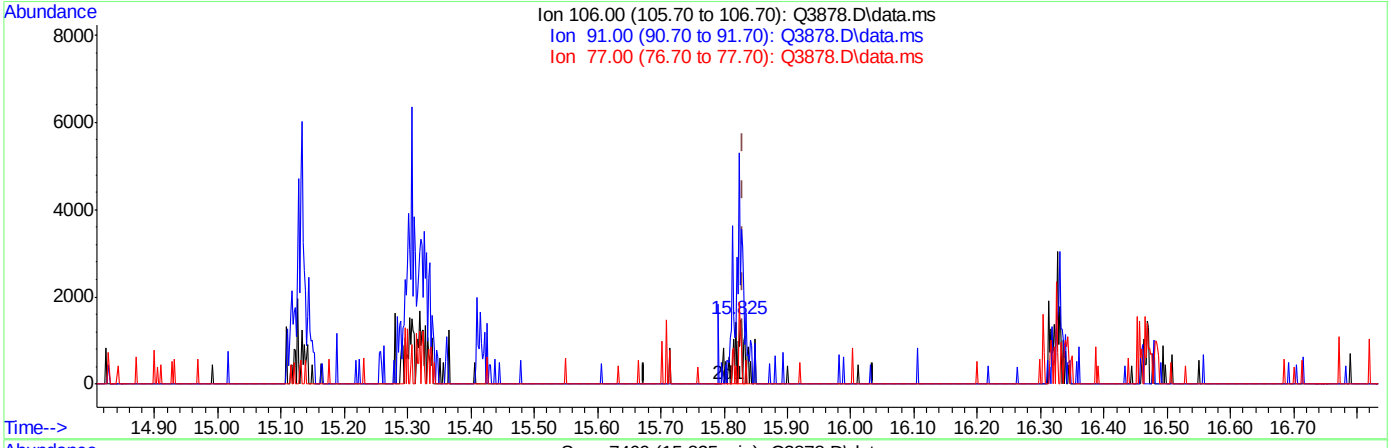
response 3049

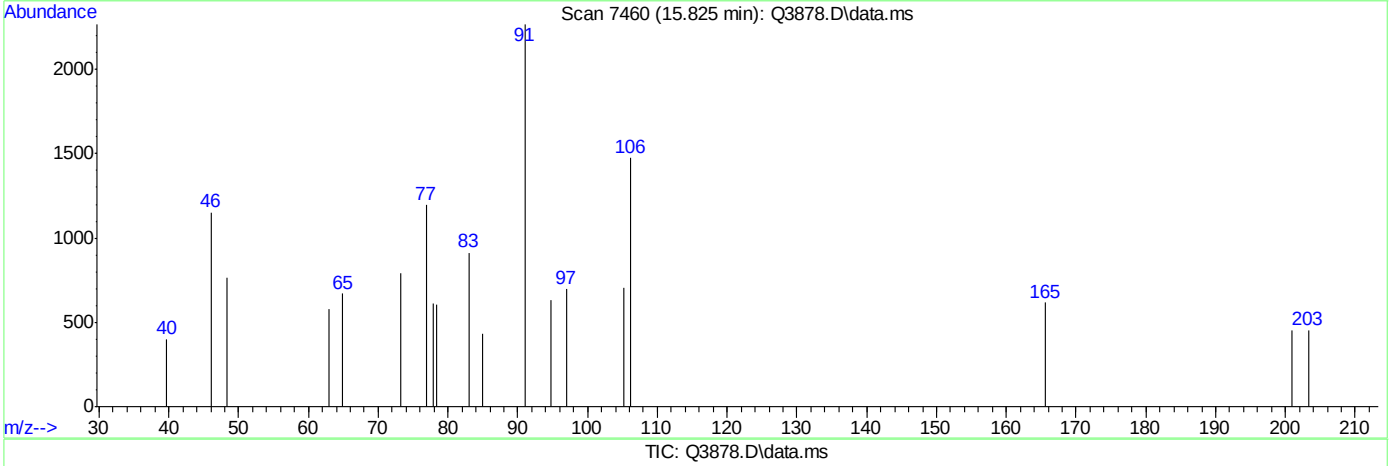
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	181.31
77.00	27.30	72.00#
0.00	0.00	0.00

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

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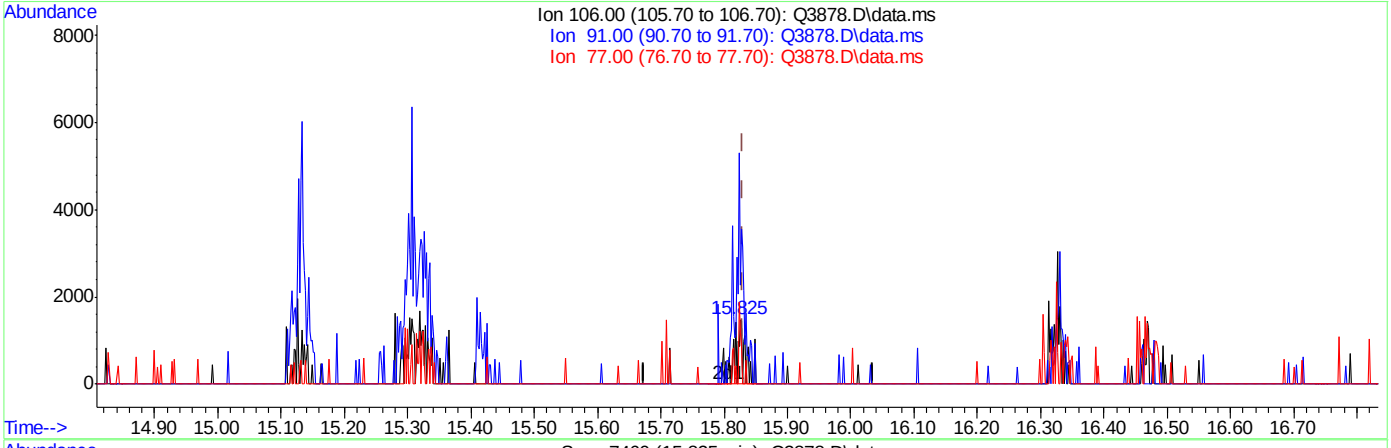
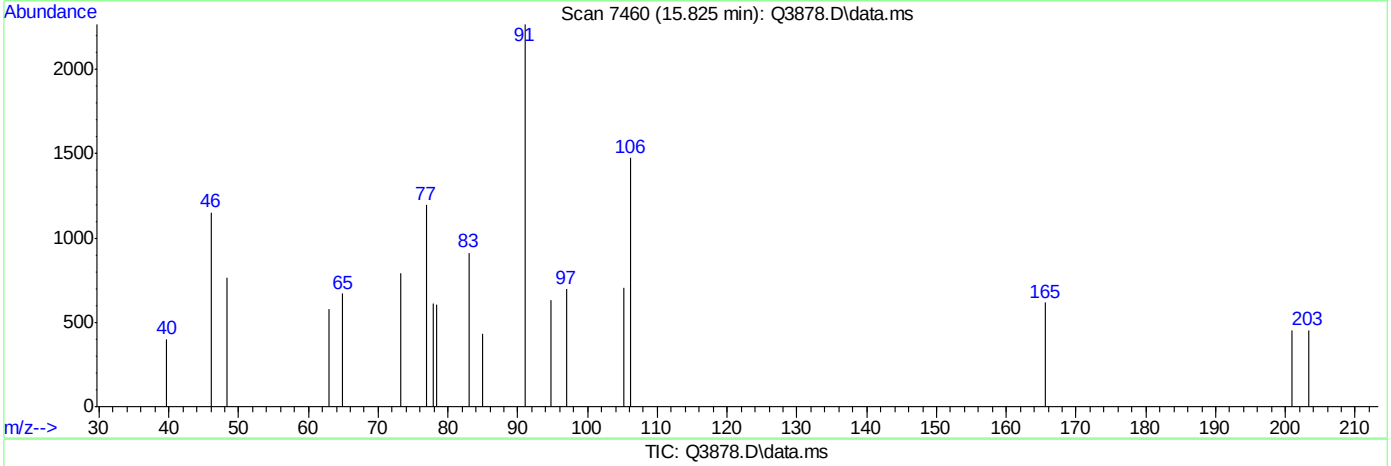
Quantitation Report (Qedit)

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) 0.08PPBV m

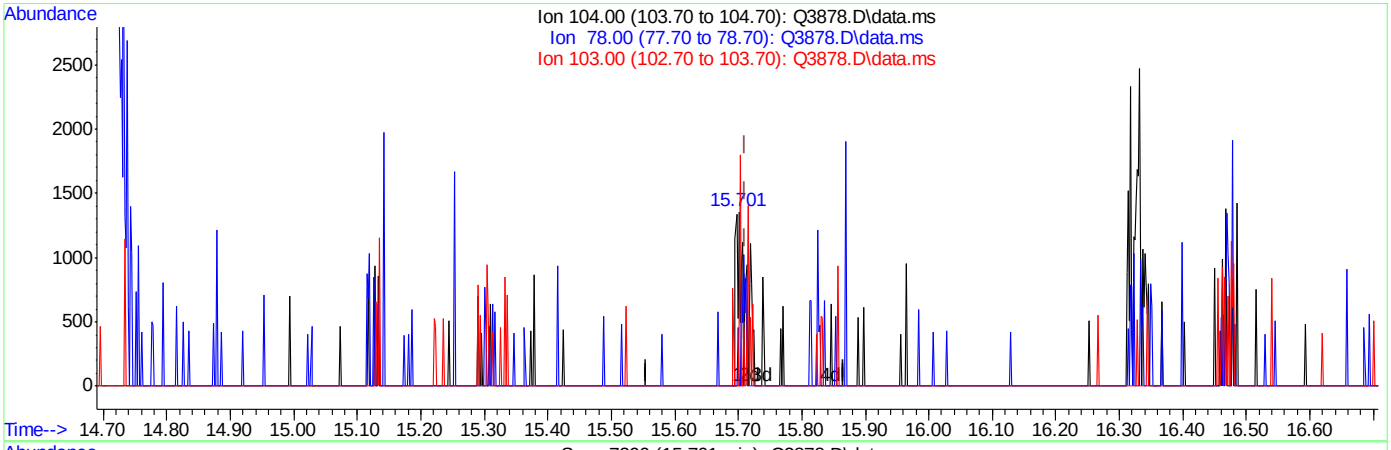
response 1624

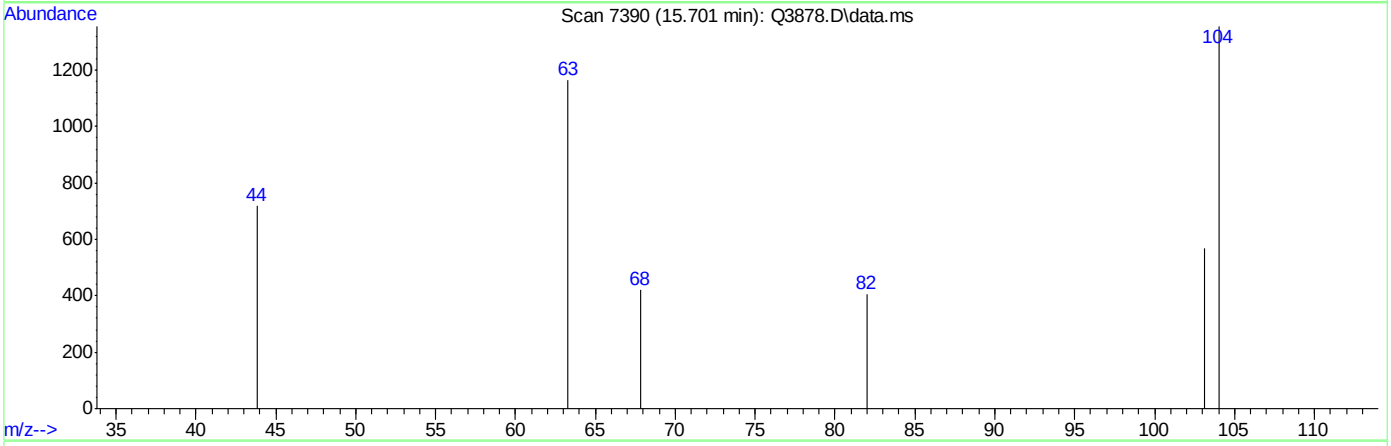
Ion	Exp%	Act%
106.00	100	100
91.00	216.20	260.65#
77.00	27.80	29.62
0.00	0.00	0.00

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

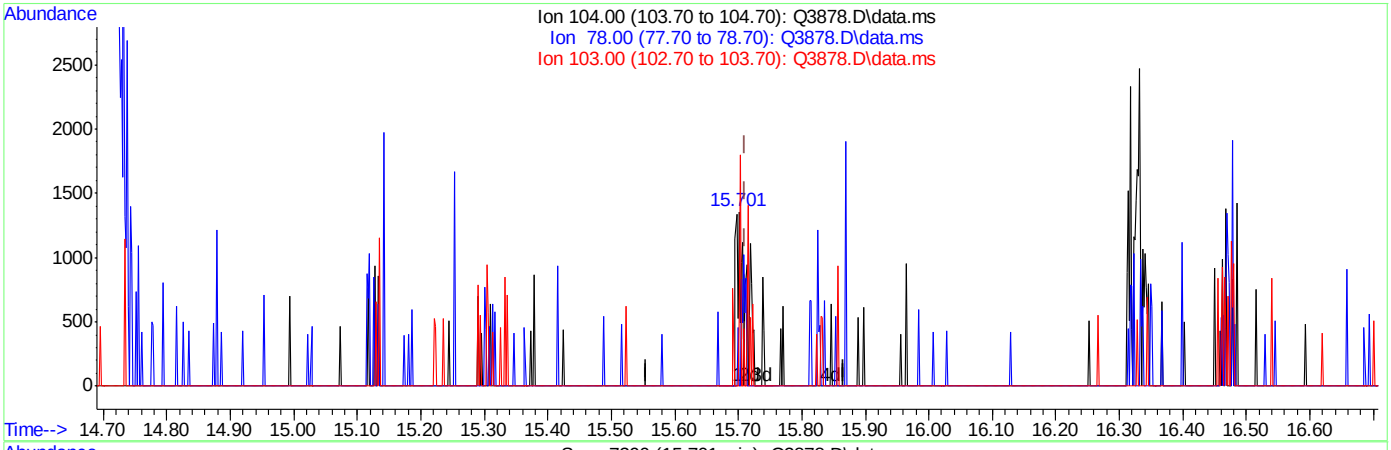
response 739

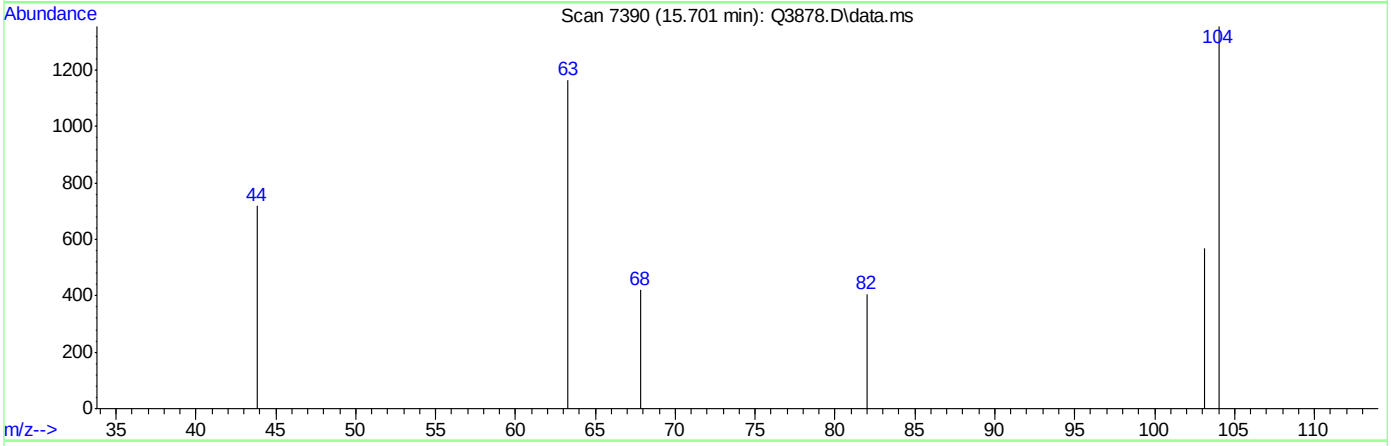
Ion	Exp%	Act%
104.00	100	100
78.00	48.20	60.62
103.00	45.90	34.10
0.00	0.00	0.00

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

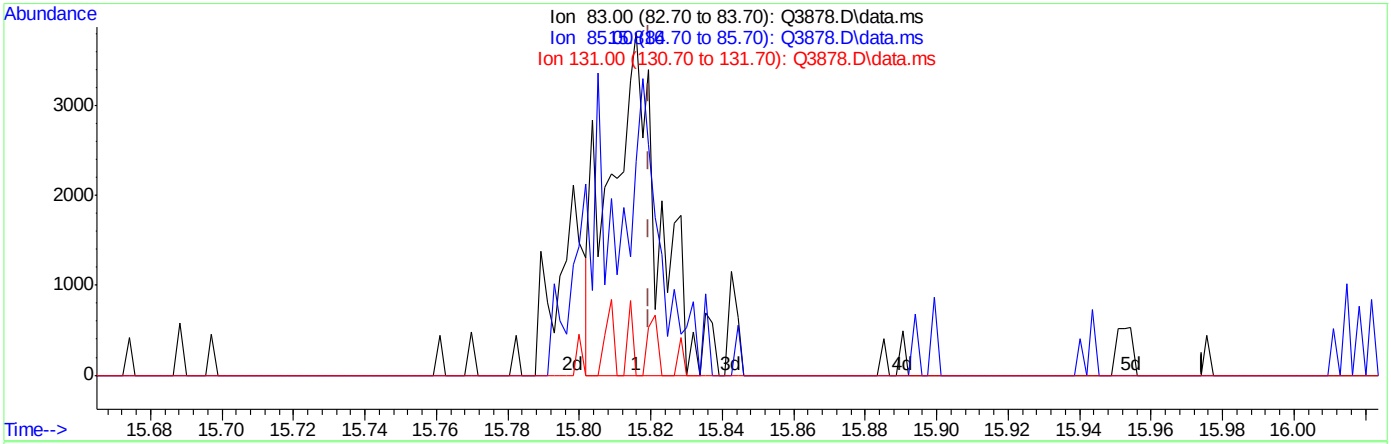
response 1501

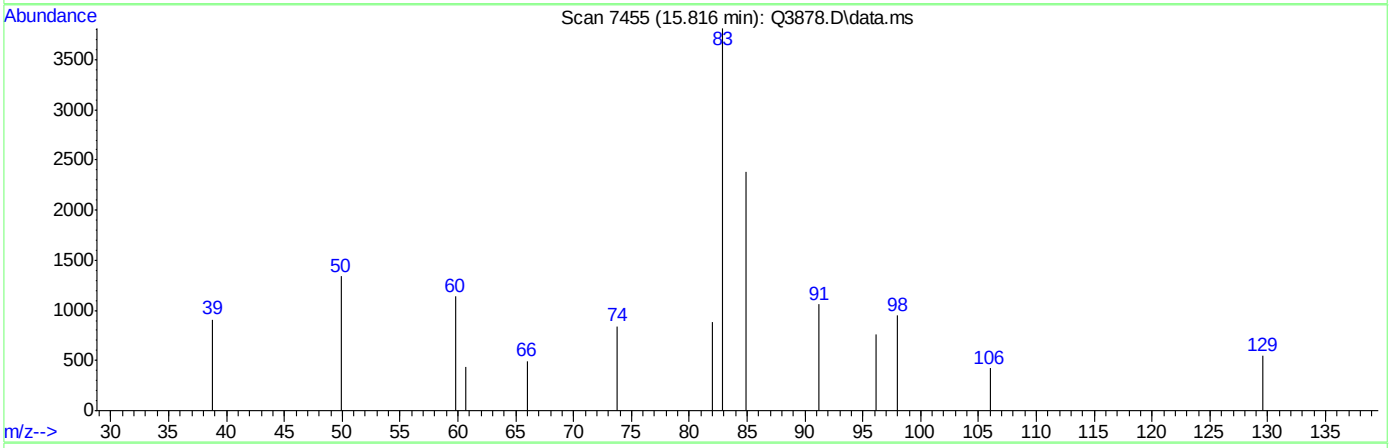
Ion	Exp%	Act%
104.00	100	100
78.00	48.20	29.85
103.00	45.90	16.79#
0.00	0.00	0.00

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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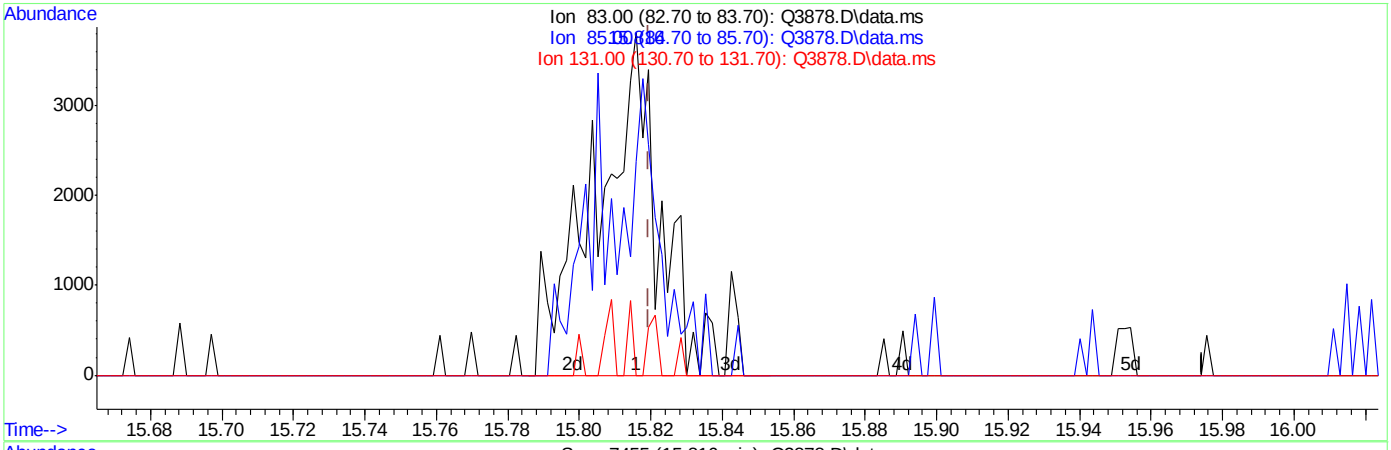
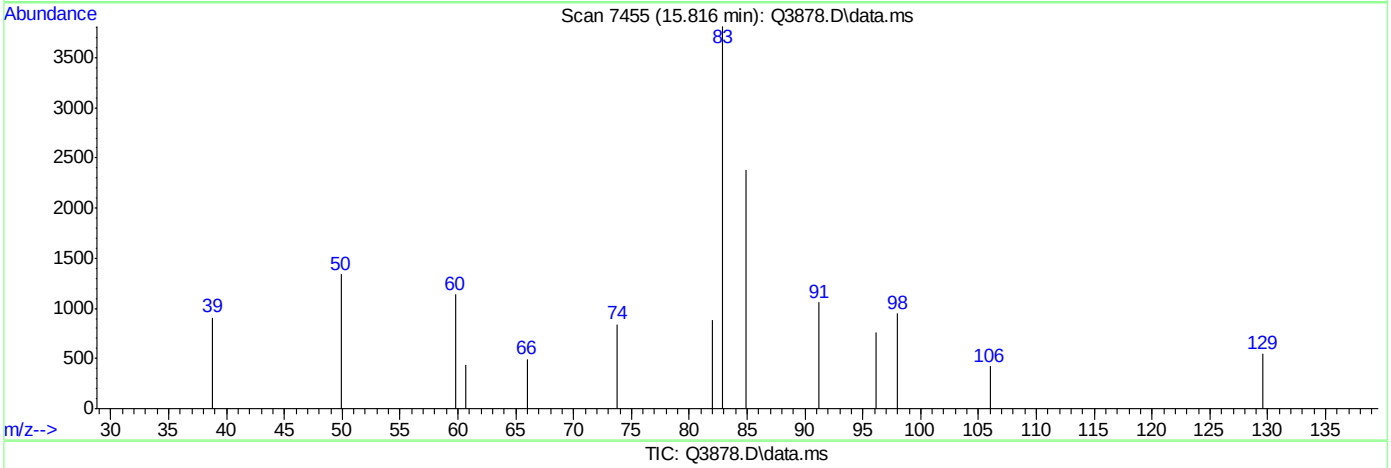
Quantitation Report (Qedit)

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

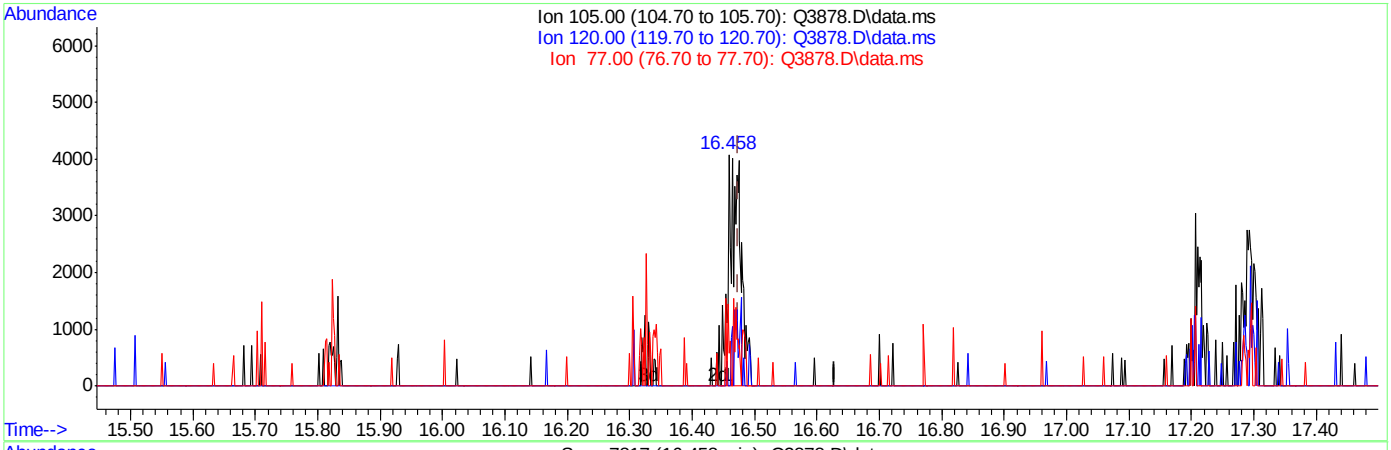
Ion	Exp%	Act%
83.00	100	100
85.00	63.90	0.00#
131.00	10.20	2.58
0.00	0.00	0.00

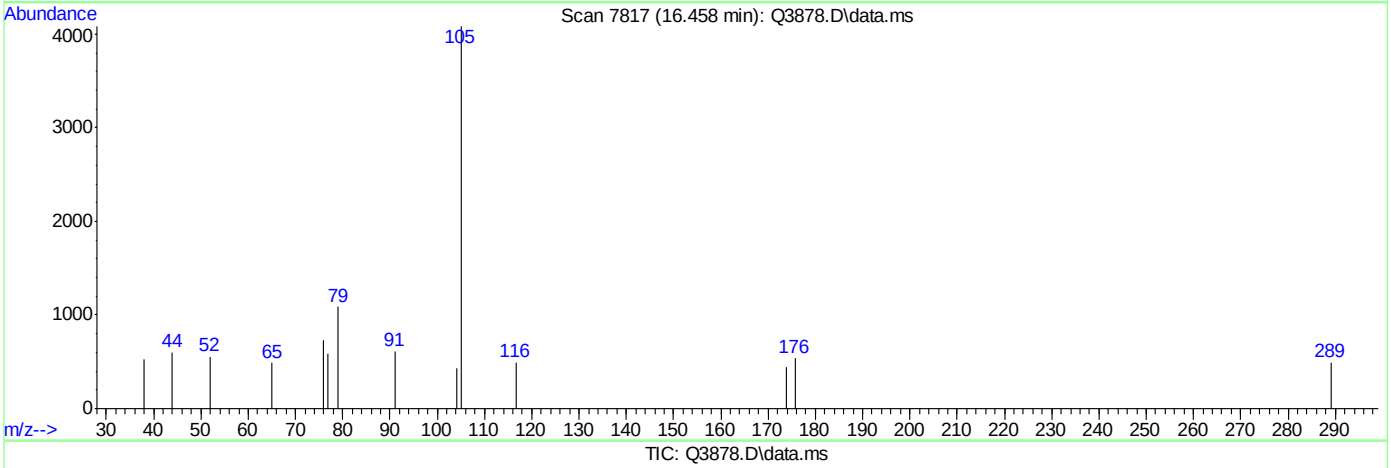
ACCUTEST Laboratories M65960

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

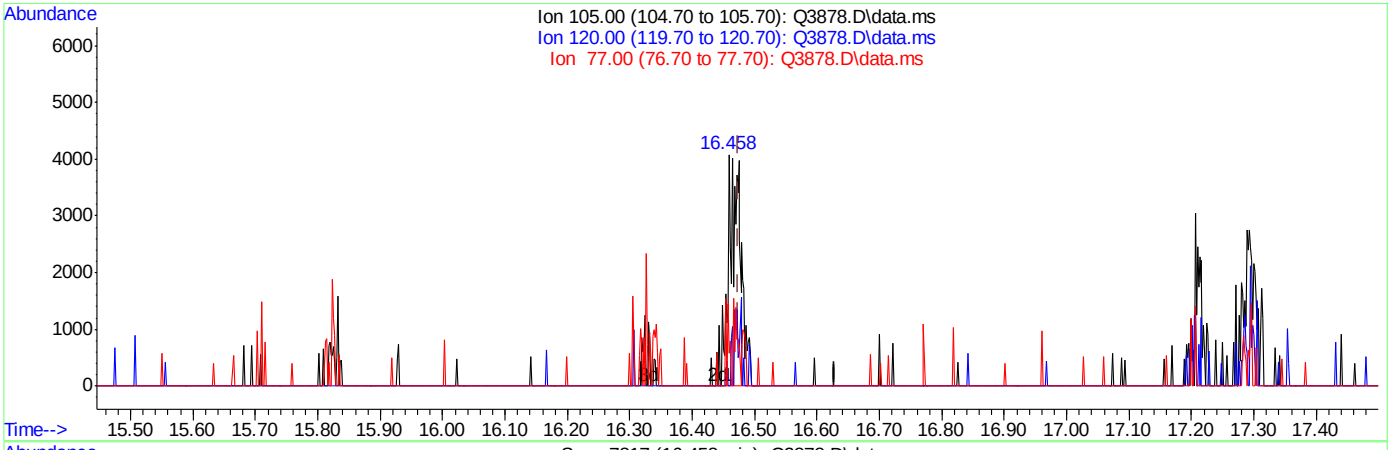
response 5641

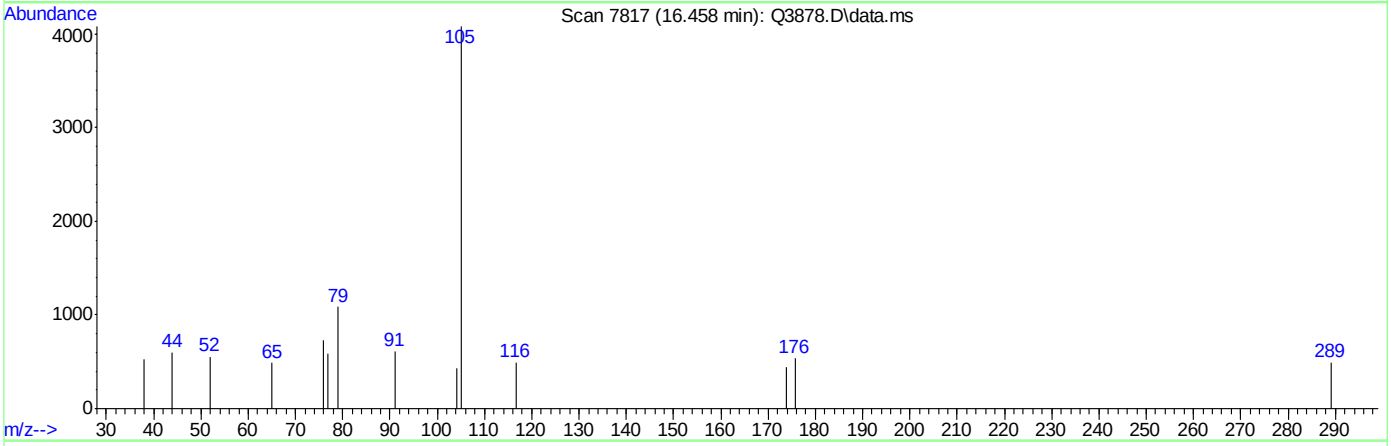
Ion	Exp%	Act%
105.00	100	100
120.00	0.00	0.00
77.00	0.00	8.26
0.00	0.00	0.00

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

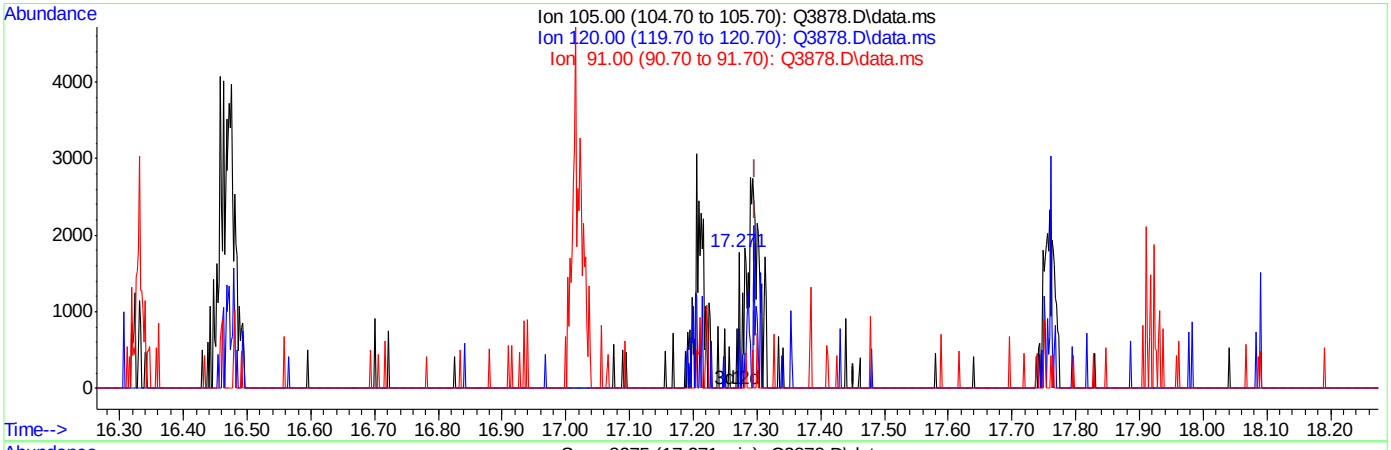
response 5873

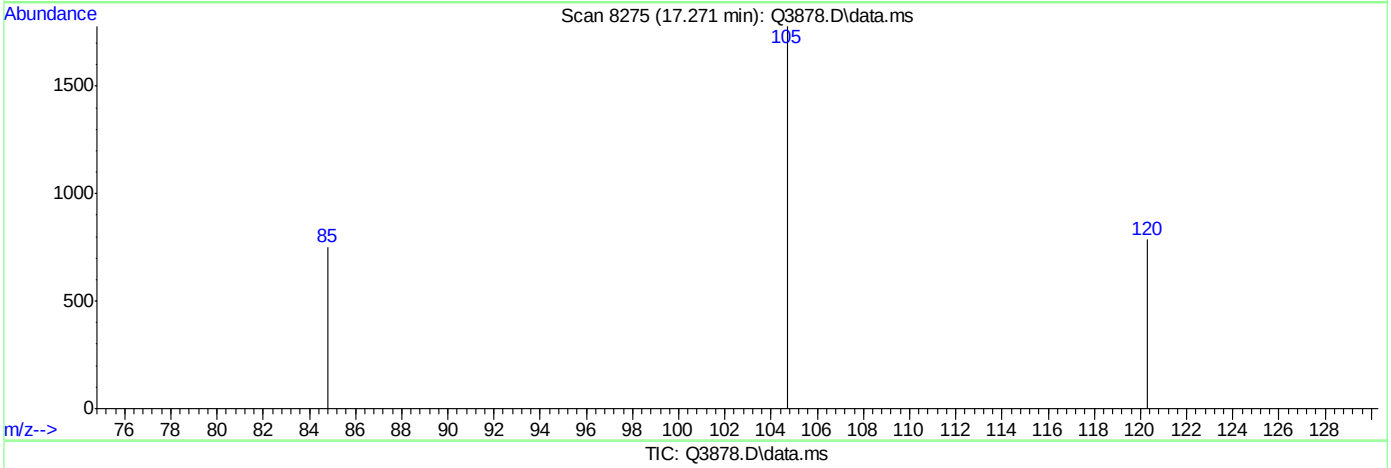
Ion	Exp%	Act%
105.00	100	100
120.00	0.00	0.00
77.00	0.00	7.93
0.00	0.00	0.00

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

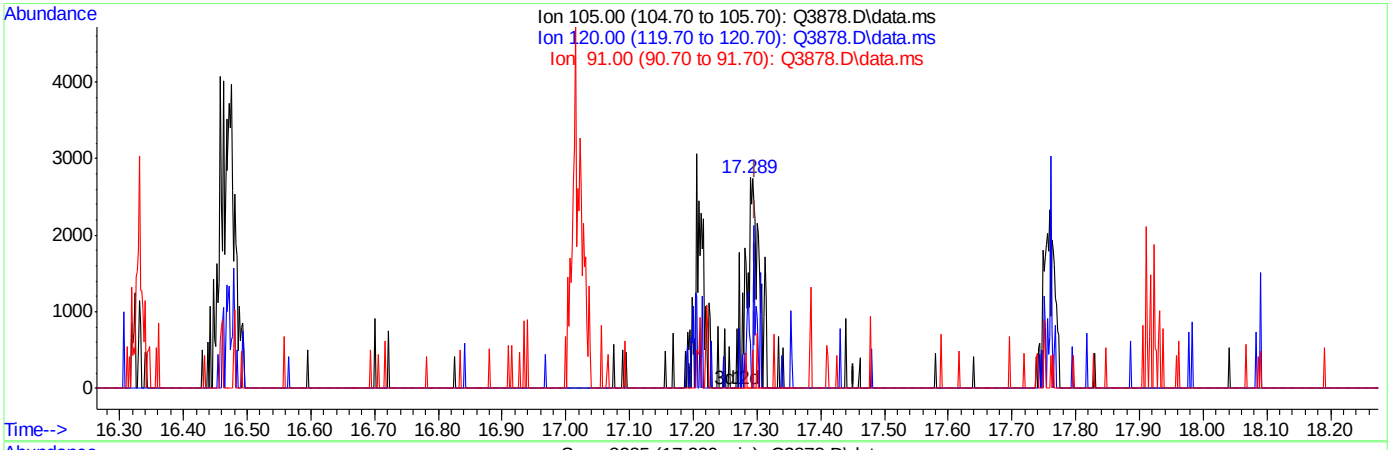
Ion	Exp%	Act%
105.00	100	100
120.00	48.50	30.77
91.00	11.20	17.95
0.00	0.00	0.00

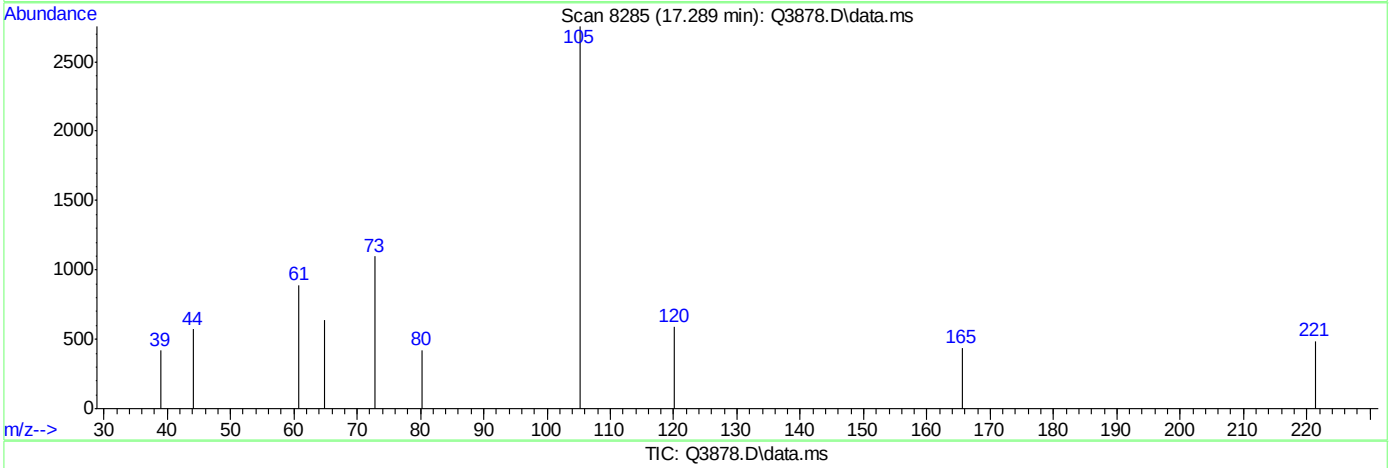
ACCUTEST Laboratories M65960

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

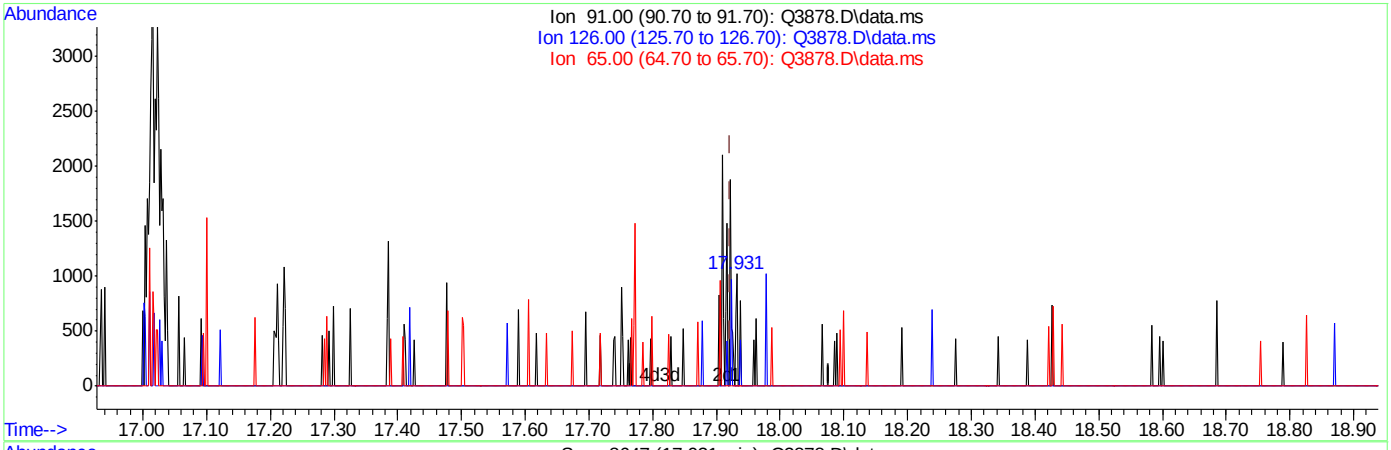
Ion	Exp%	Act%
105.00	100	100
120.00	48.50	2.06#
91.00	11.20	1.20
0.00	0.00	0.00

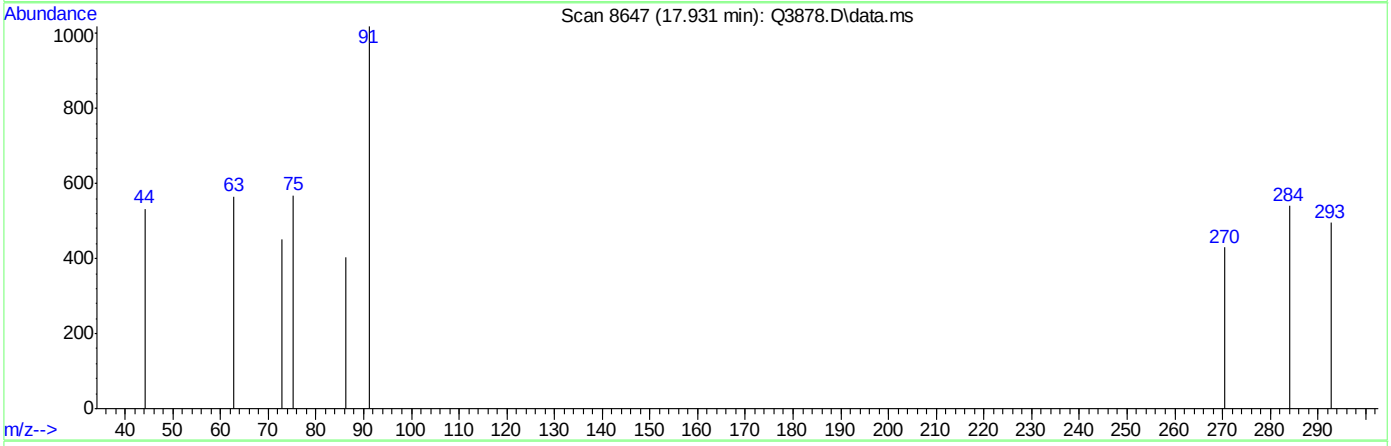
ACCUTEST Laboratories M65960

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

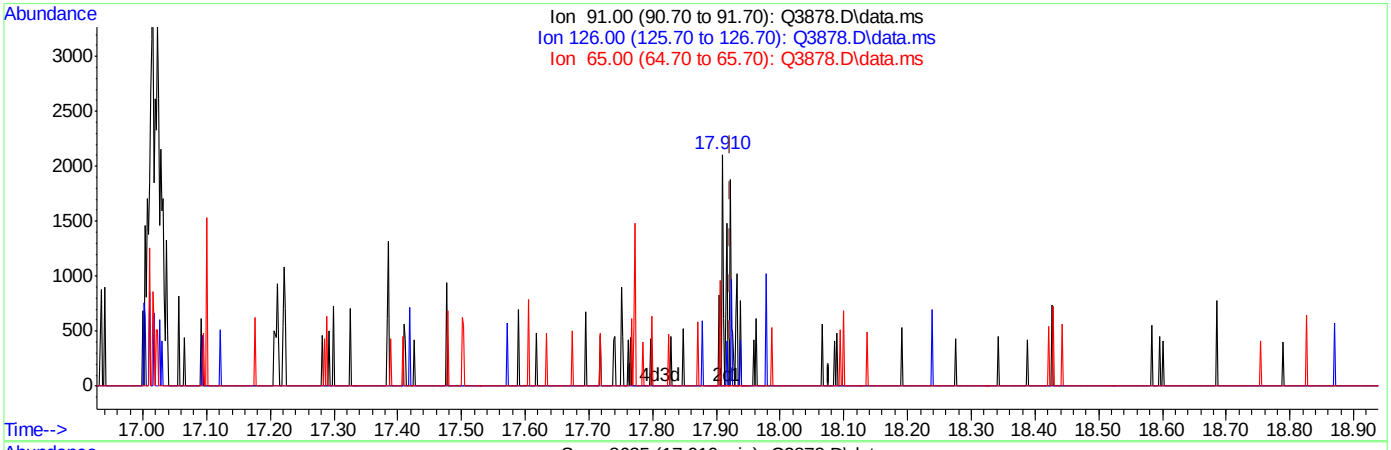
Ion	Exp%	Act%
91.00	100	100
126.00	19.00	56.11#
65.00	13.90	0.00
0.00	0.00	0.00

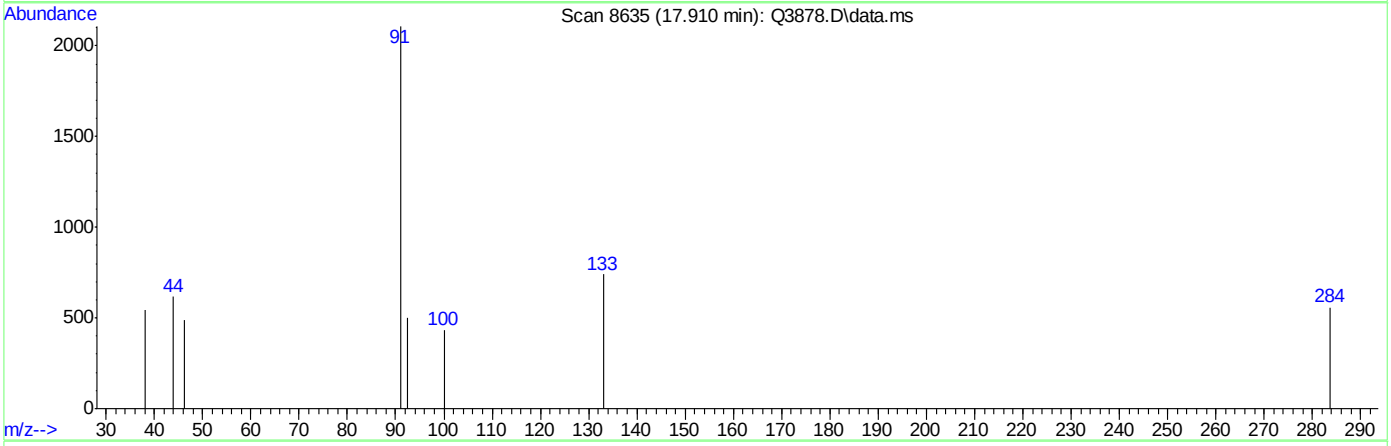
ACCUTEST Laboratories M65960

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

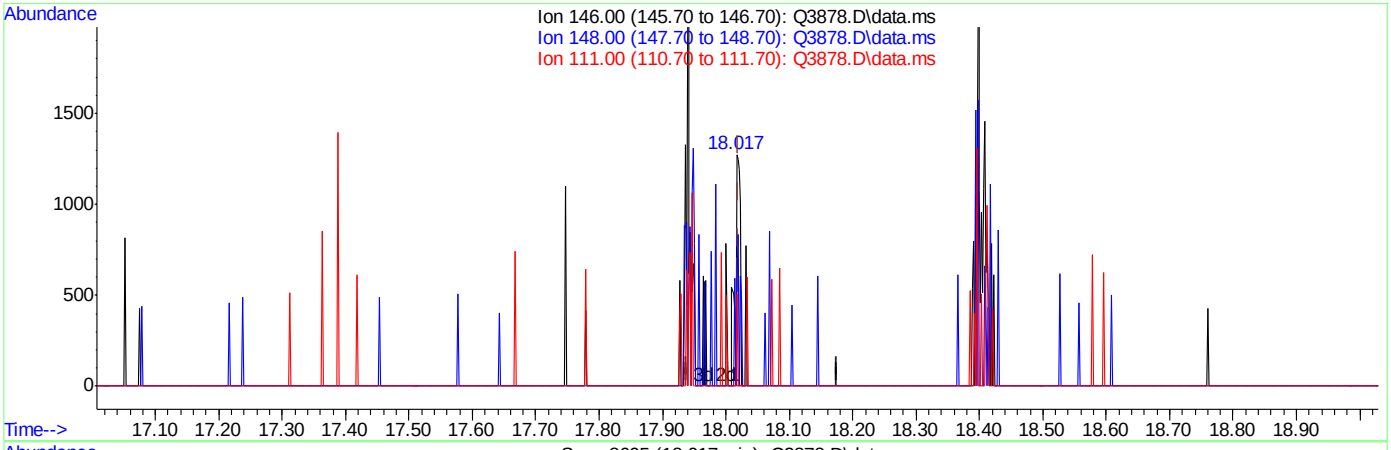
Ion	Exp%	Act%
91.00	100	100
126.00	19.00	12.47
65.00	13.90	0.00
0.00	0.00	0.00

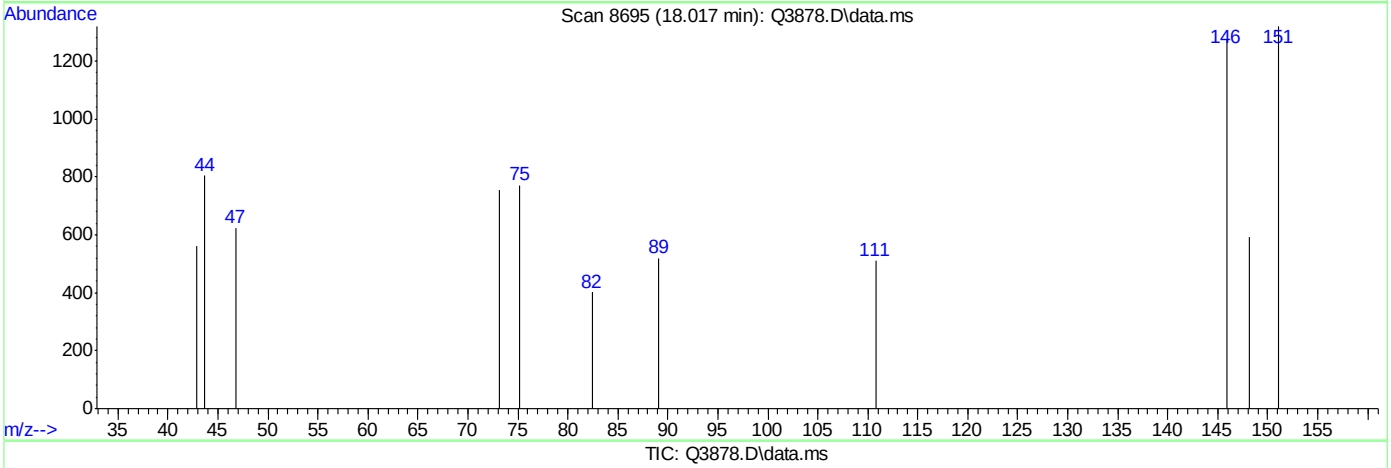
ACCUTEST Laboratories M65960

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

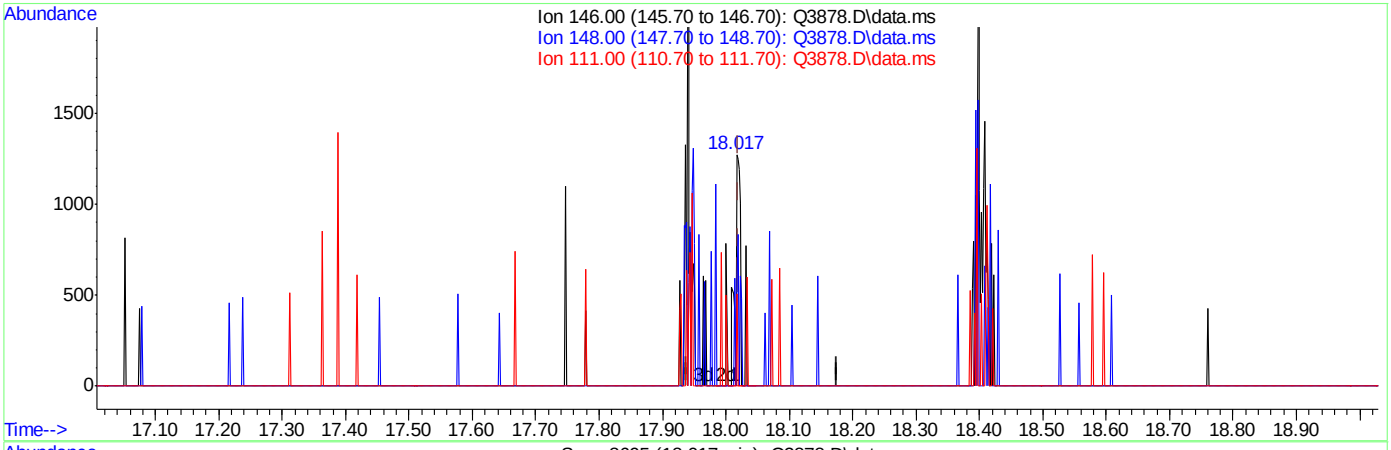
Ion	Exp%	Act%
146.00	100	100
148.00	63.40	50.23
111.00	41.10	9.71#
0.00	0.00	0.00

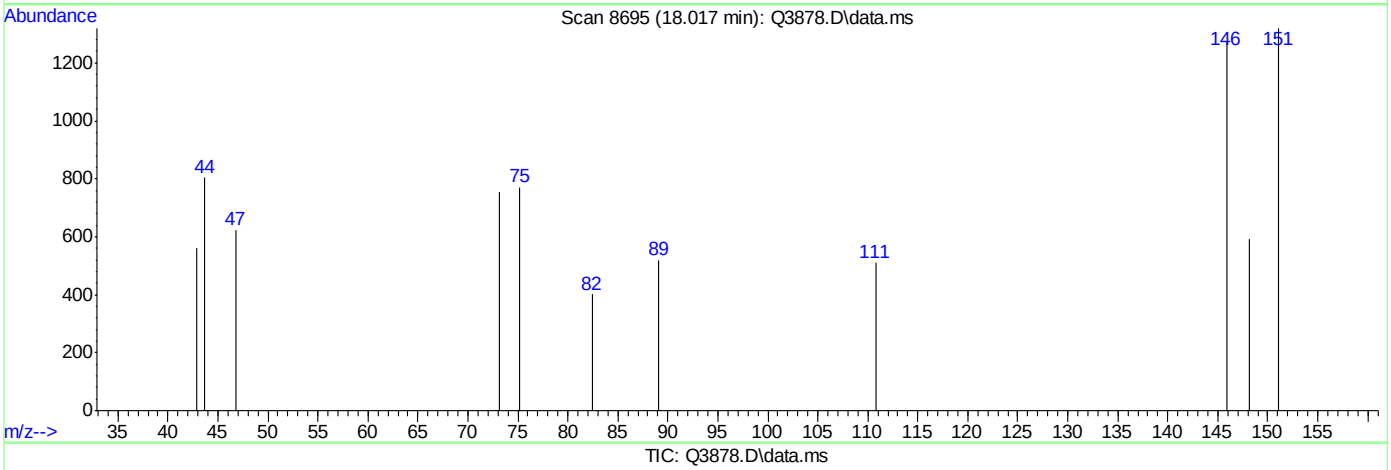
ACCUTEST Laboratories M65960

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

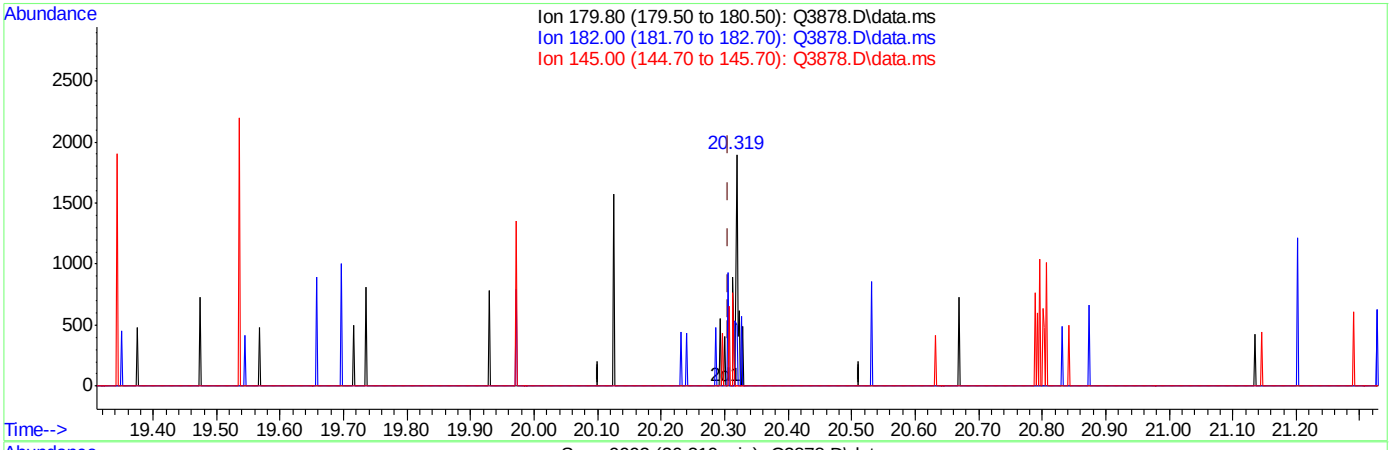
Ion	Exp%	Act%
146.00	100	100
148.00	63.40	40.12#
111.00	41.10	7.76#
0.00	0.00	0.00

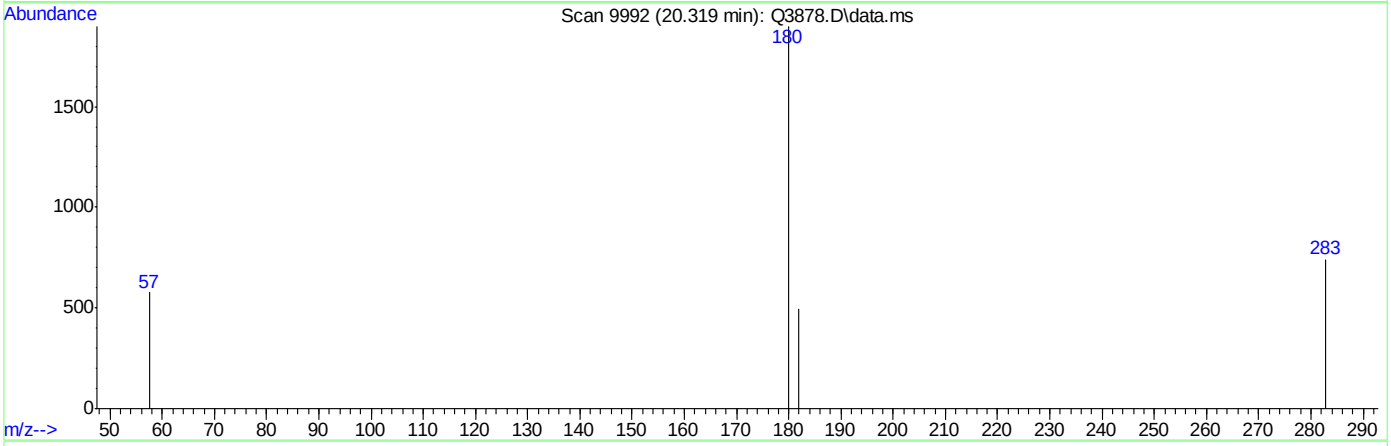
ACCUTEST Laboratories M65960

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

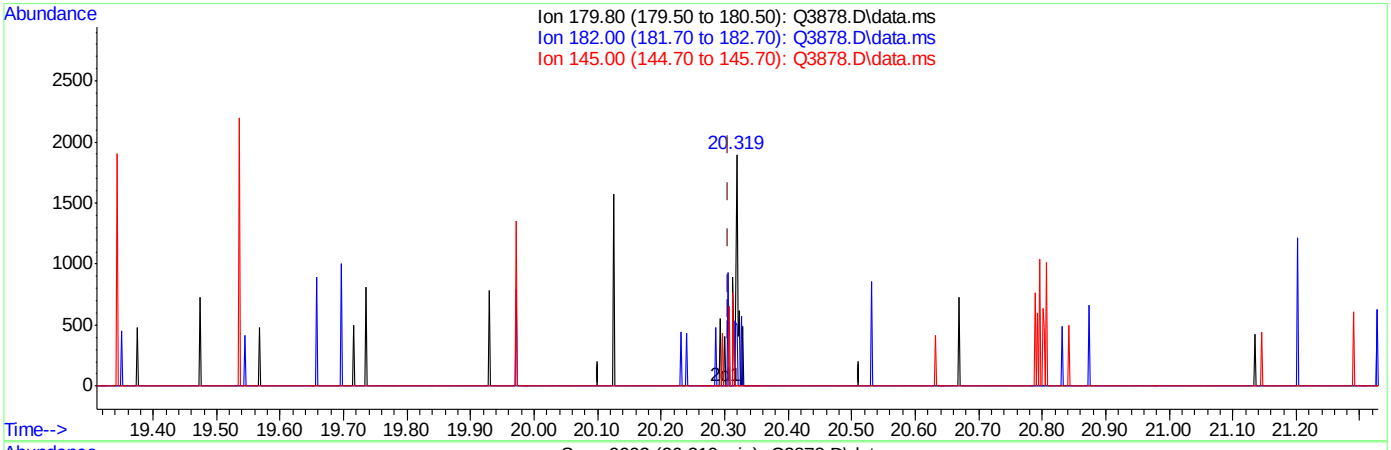
response 459

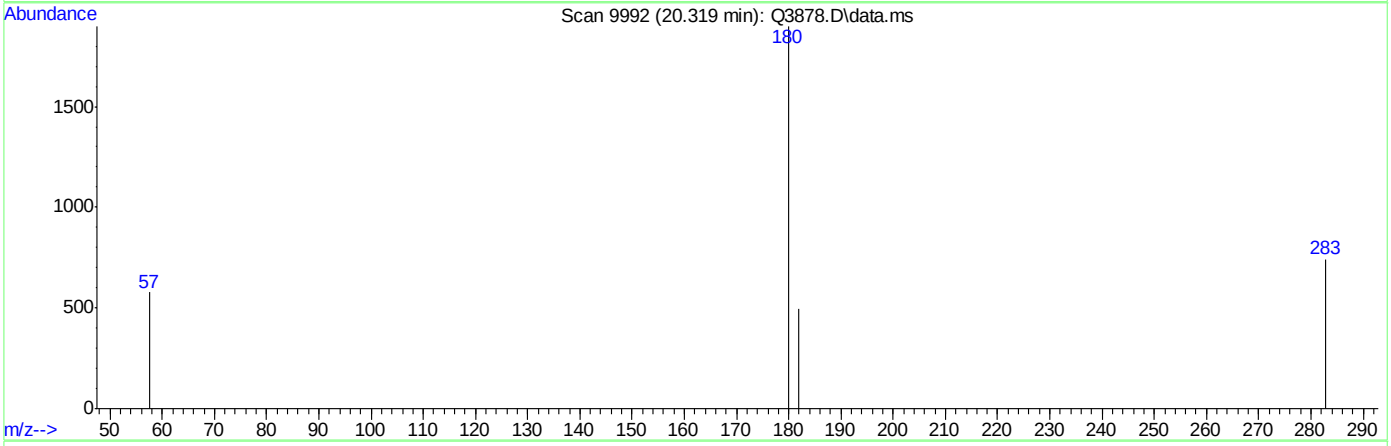
Ion	Exp%	Act%
179.80	100	100
182.00	95.40	23.97#
145.00	38.00	32.90
0.00	0.00	0.00

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 M65960

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

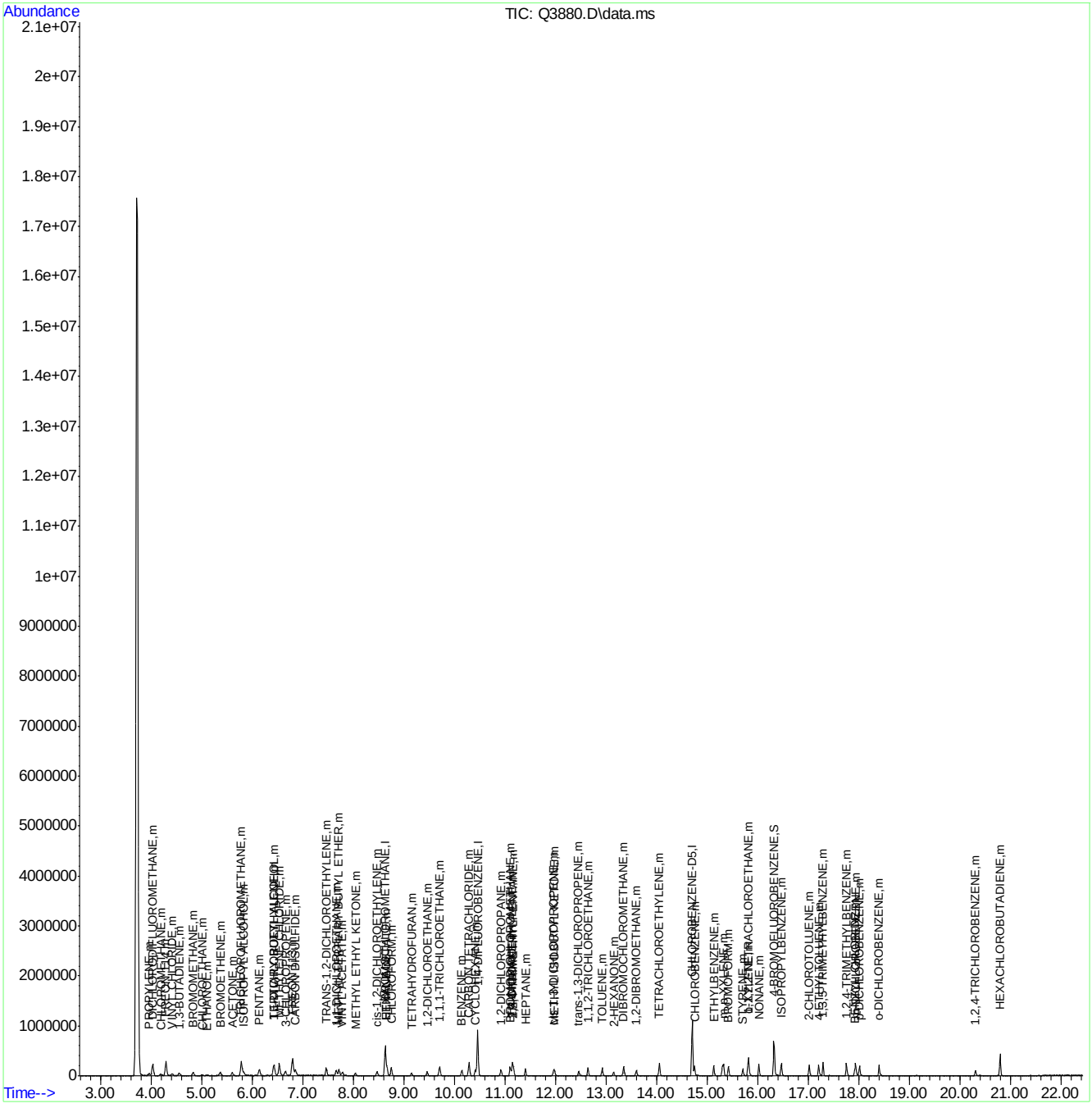
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.981	43	53774	2.13	PPBV	91
45) cis-1,3-DICHLOROPROPENE	11.959	75	44253	2.11	PPBV #	82
46) TOLUENE	12.925	92	45377	2.11	PPBV	90
47) trans-1,3-DICHLOROPROPENE	12.465	75	38830	2.06	PPBV	92
48) 1,1,2-TRICHLOROETHANE	12.643	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

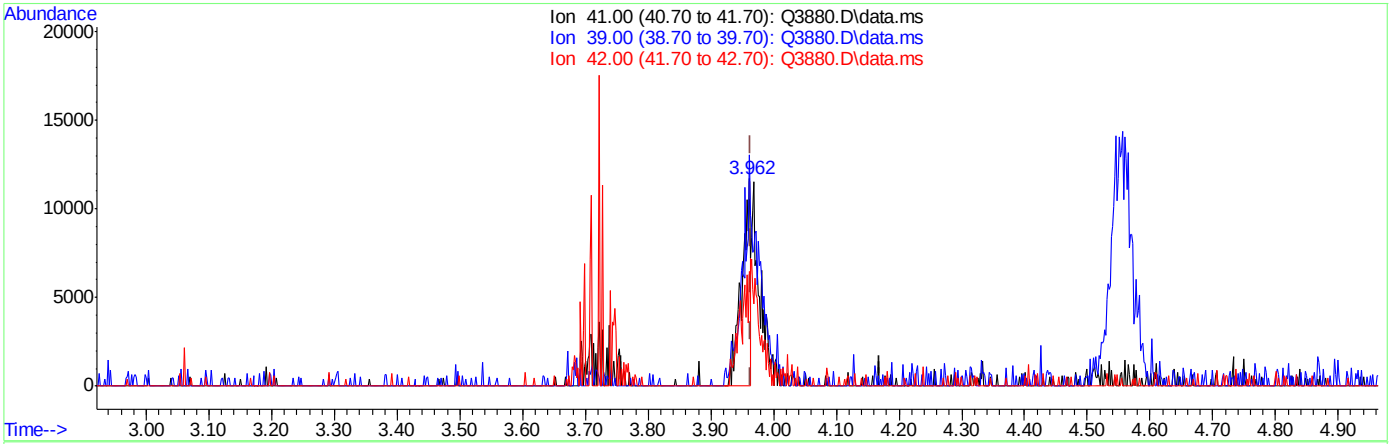


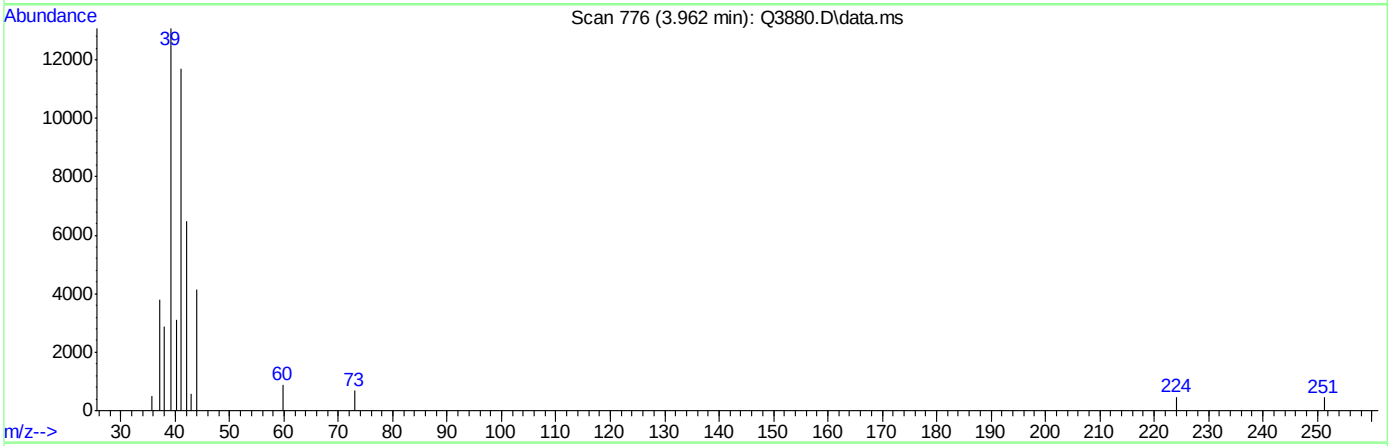
ACCUTEST Laboratories M65960

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

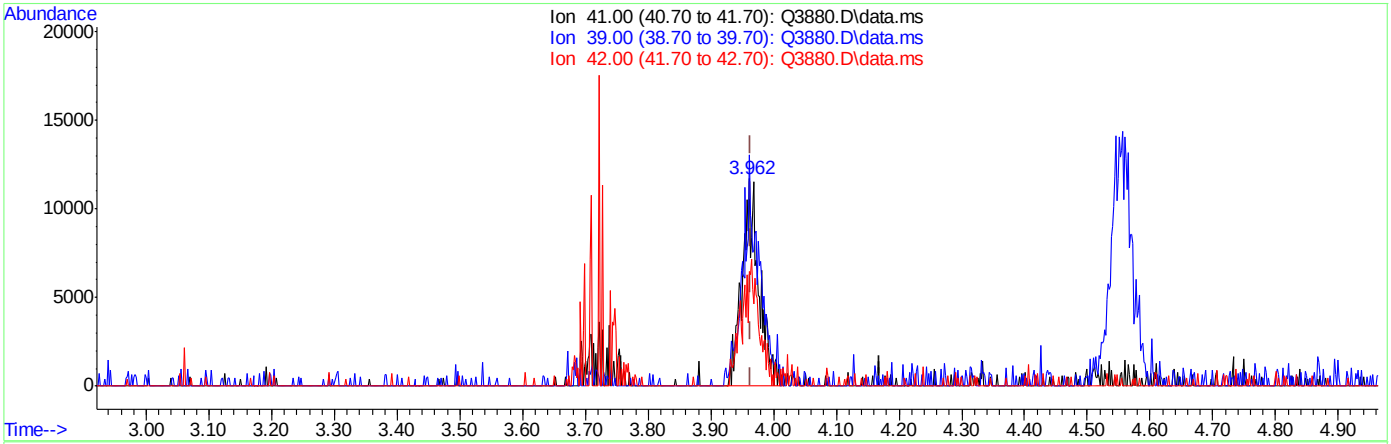
response 11589

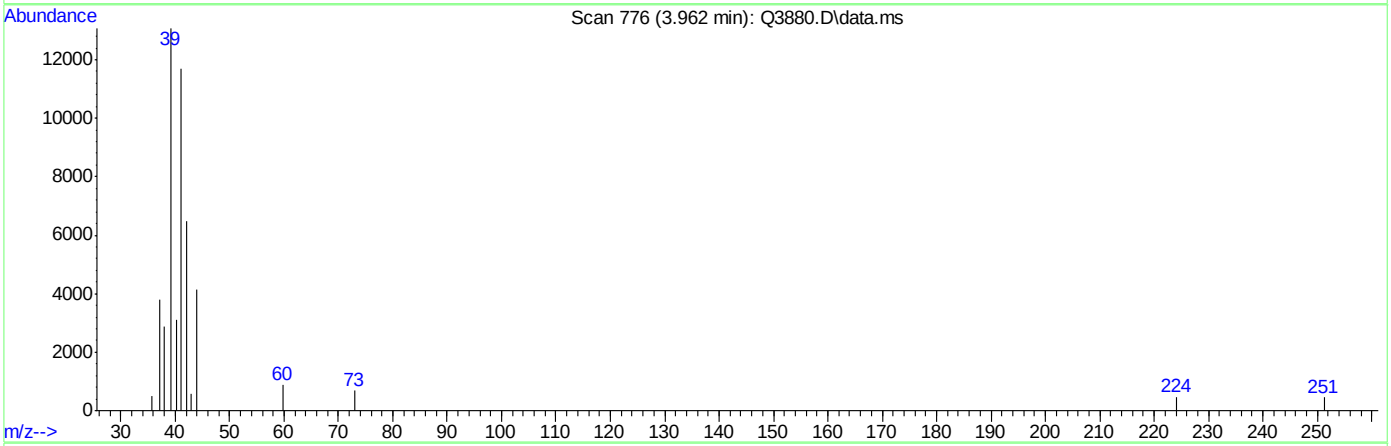
Ion	Exp%	Act%
41.00	100	100
39.00	72.50	111.63#
42.00	67.80	55.42
0.00	0.00	0.00

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

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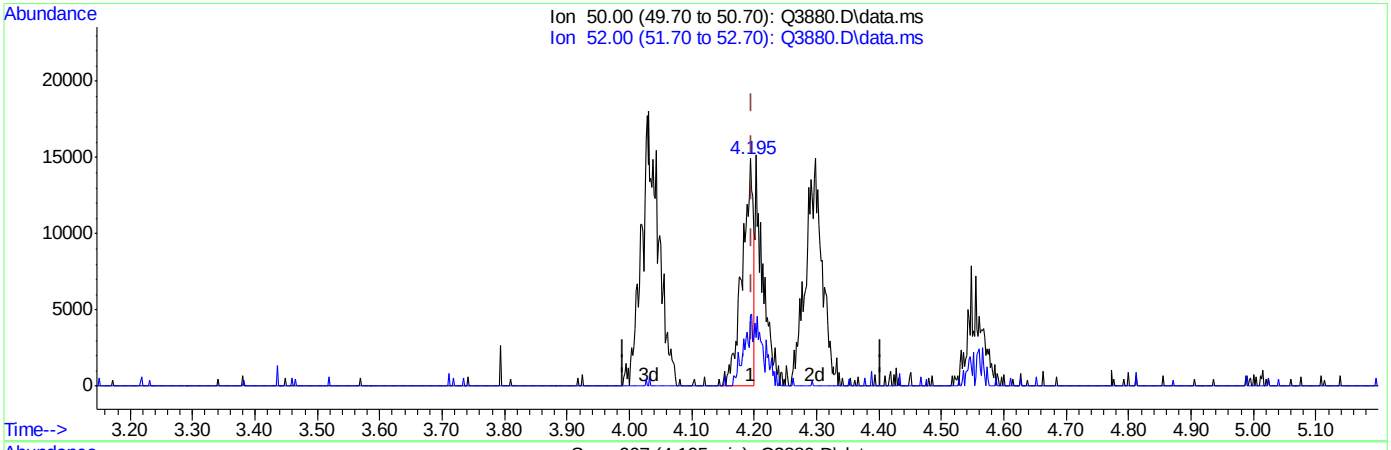
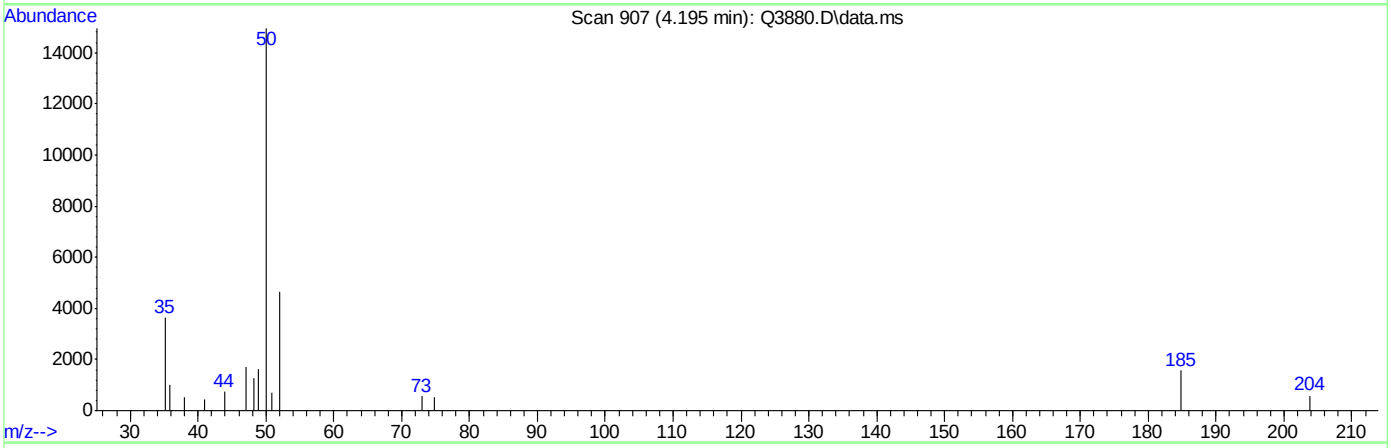
Quantitation Report (Qedit)

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

(5) CHLOROMETHANE (m)

4.195min (-0.002) 1.82PPBV

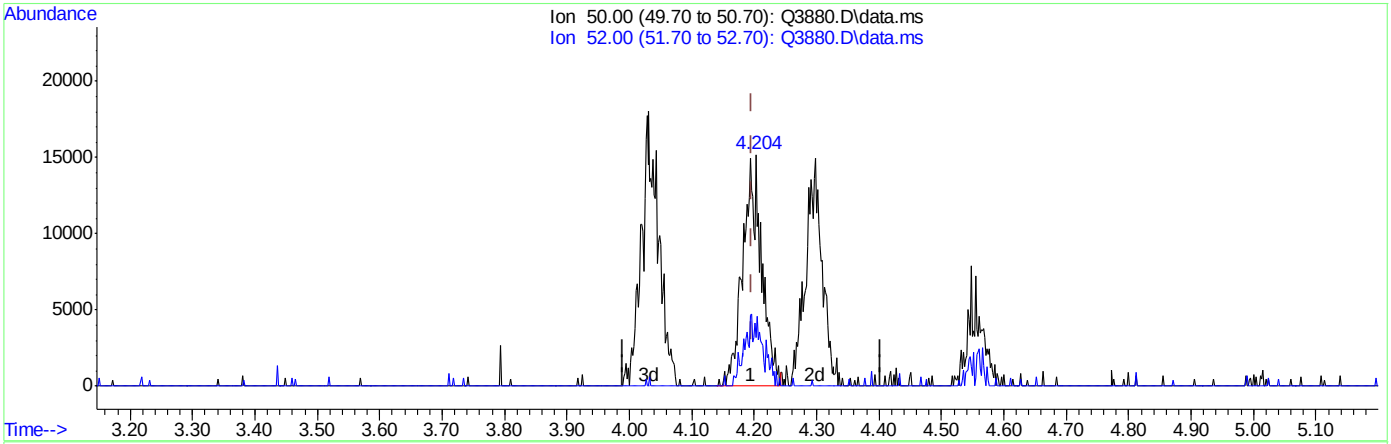
response 18667

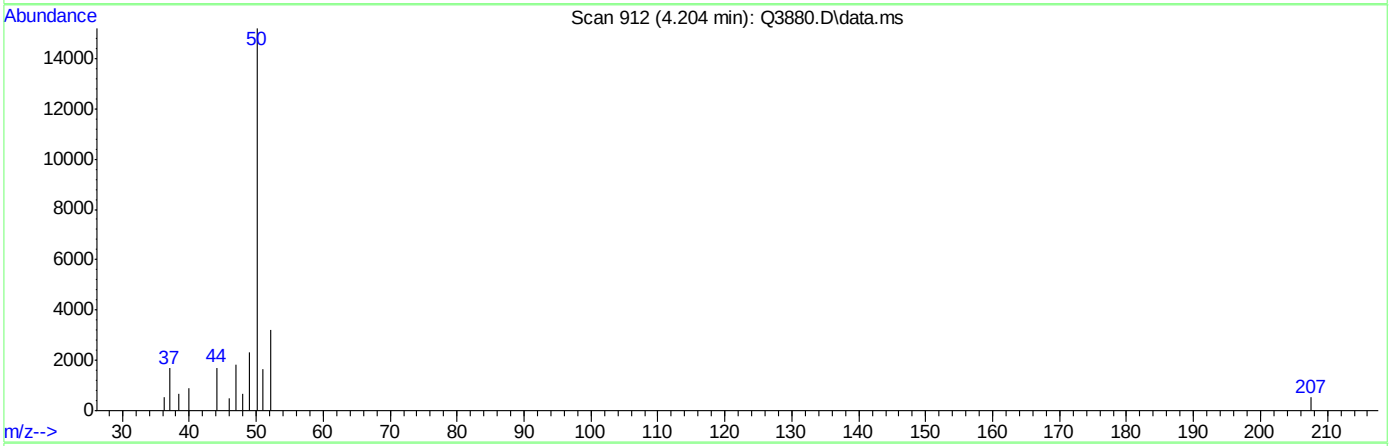
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	30.63
0.00	0.00	0.00
0.00	0.00	0.00

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

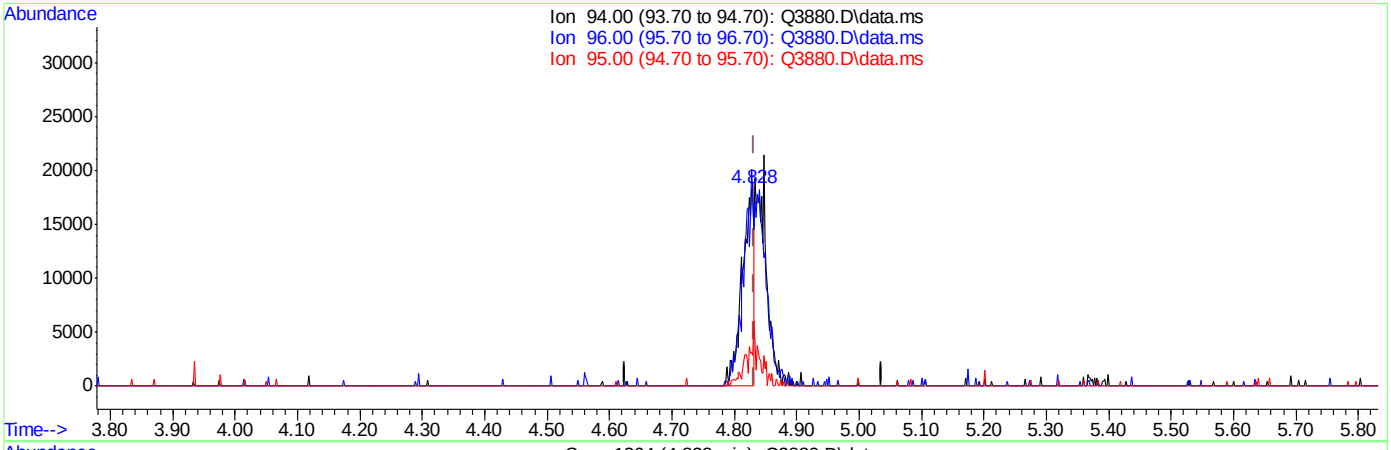
response 31877

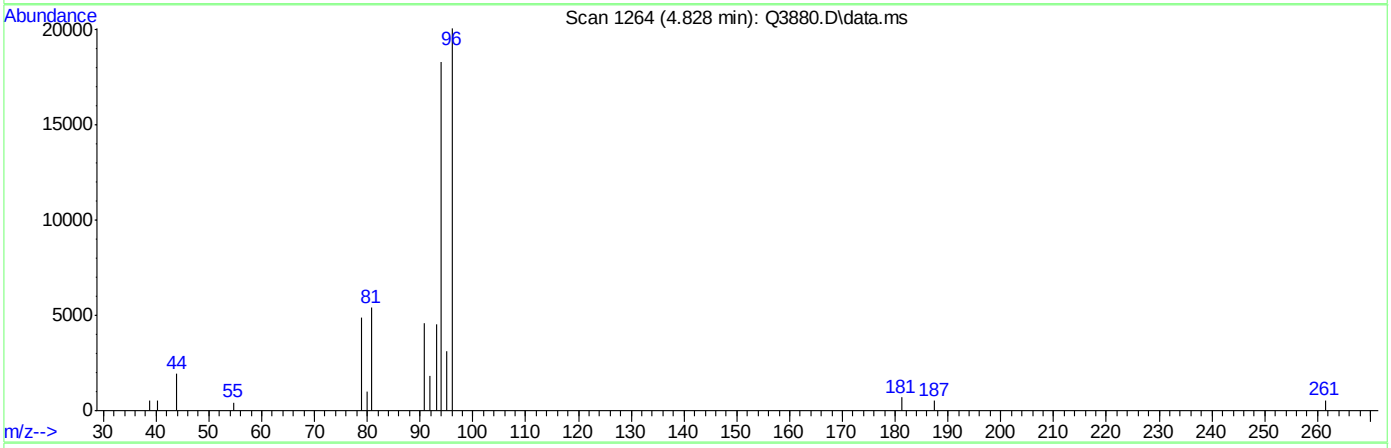
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	21.18
0.00	0.00	0.00
0.00	0.00	0.00

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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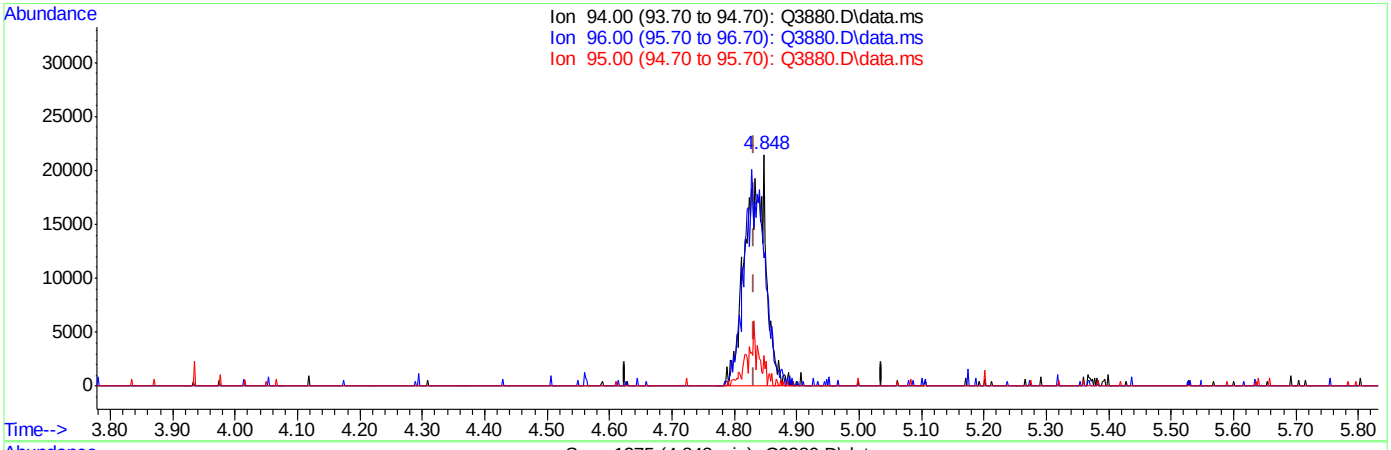
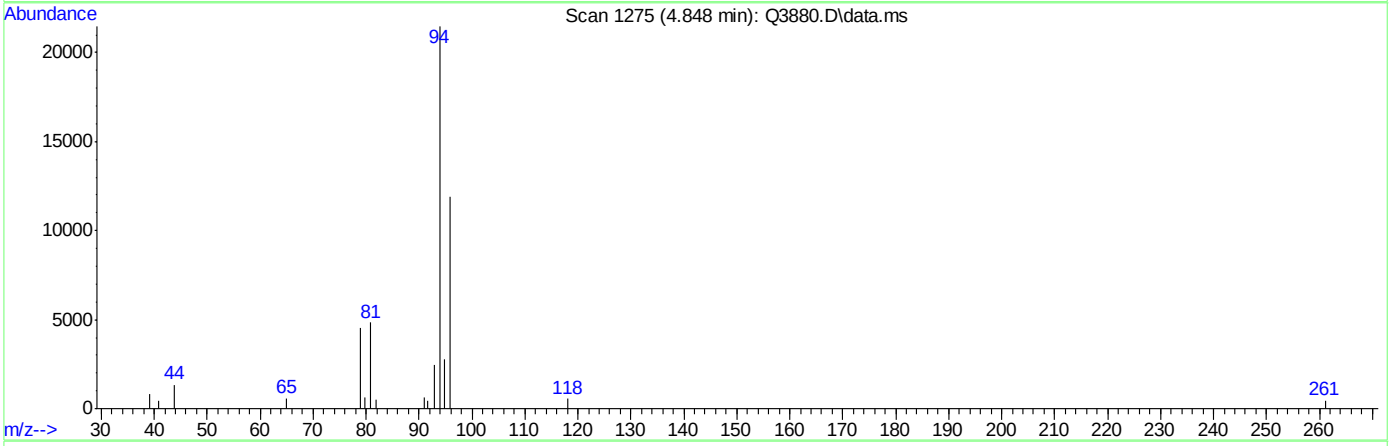
Quantitation Report (Qedit)

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

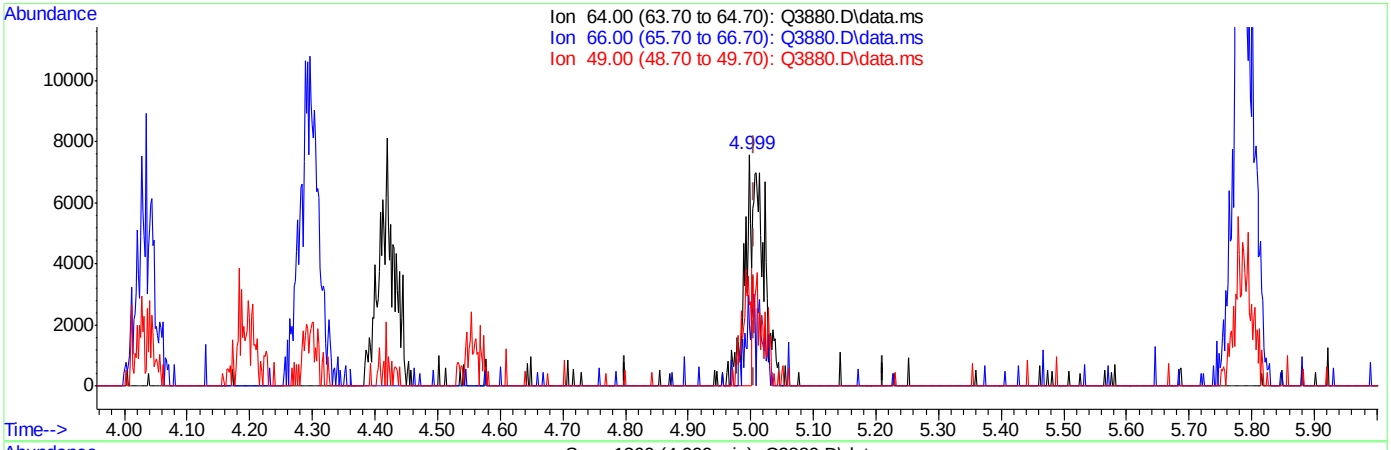
response 48445

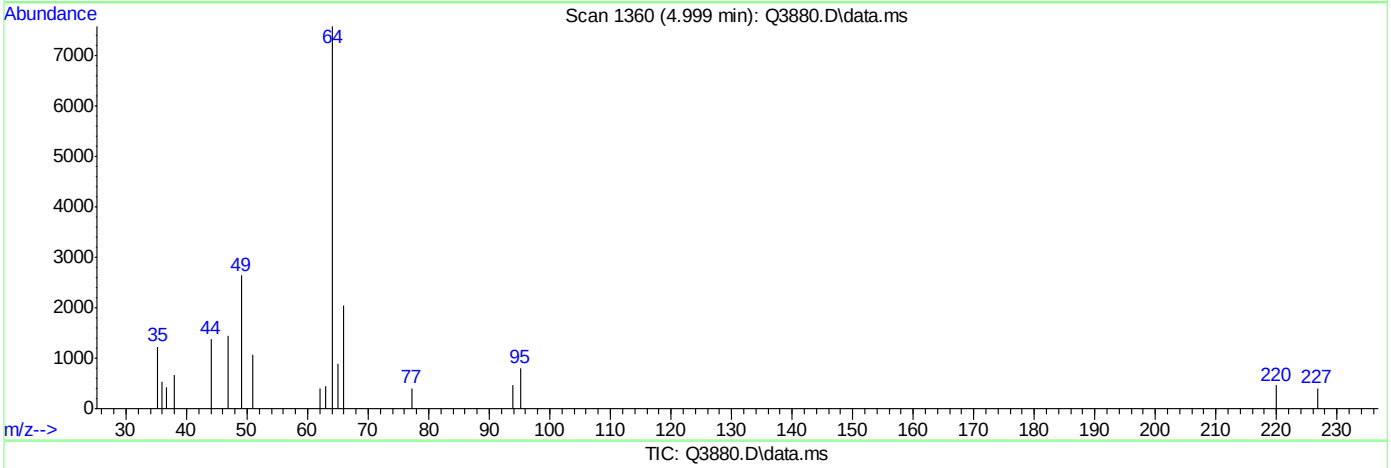
Ion	Exp%	Act%
94.00	100	100
96.00	93.00	54.35#
95.00	13.50	14.92
0.00	0.00	0.00

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

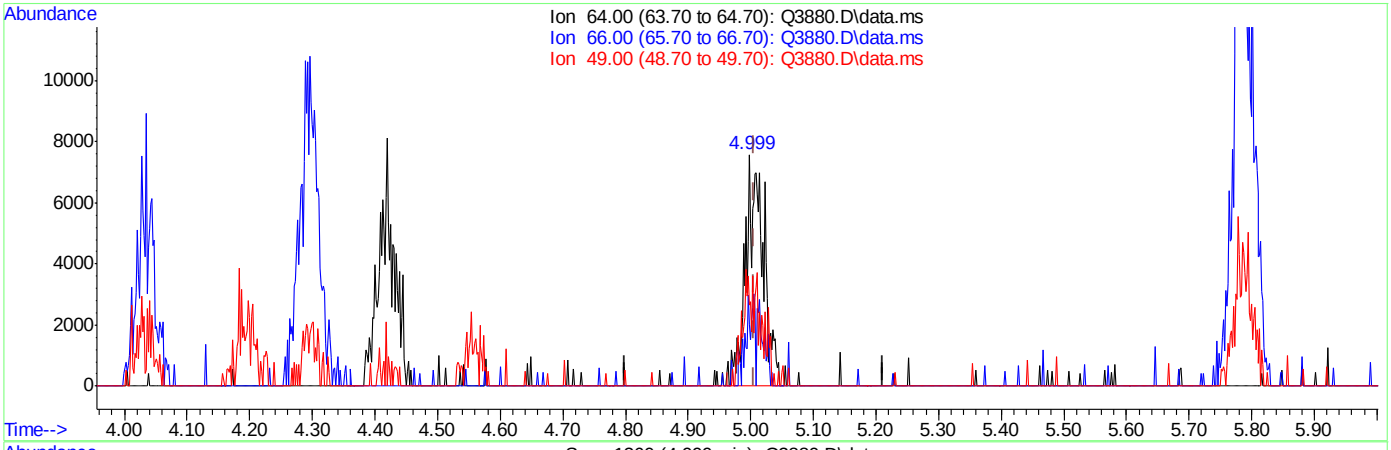
response 5773

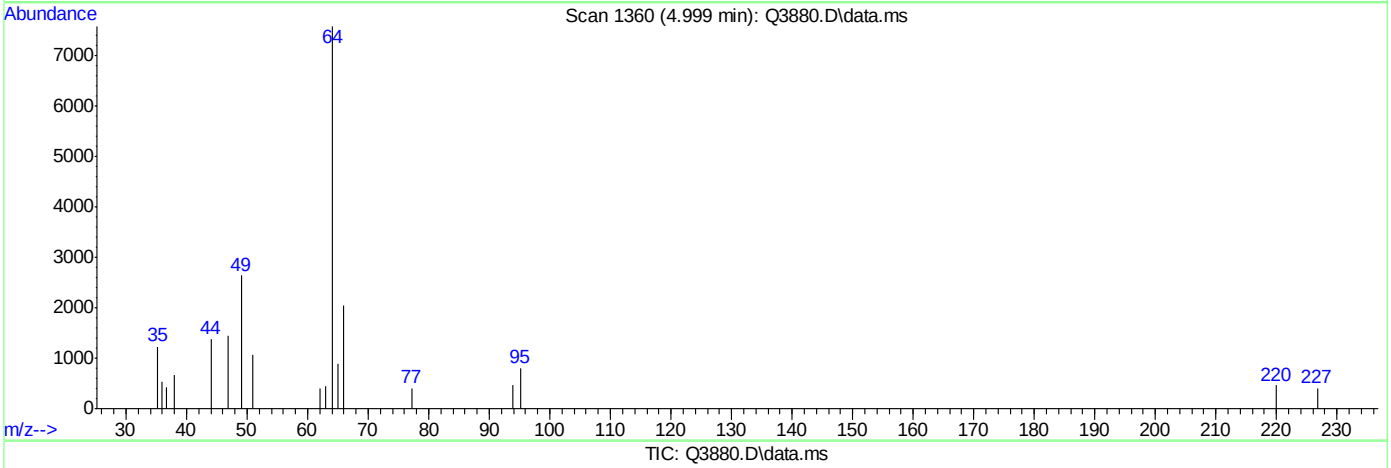
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	50.61#
49.00	36.50	71.44#
0.00	0.00	0.00

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

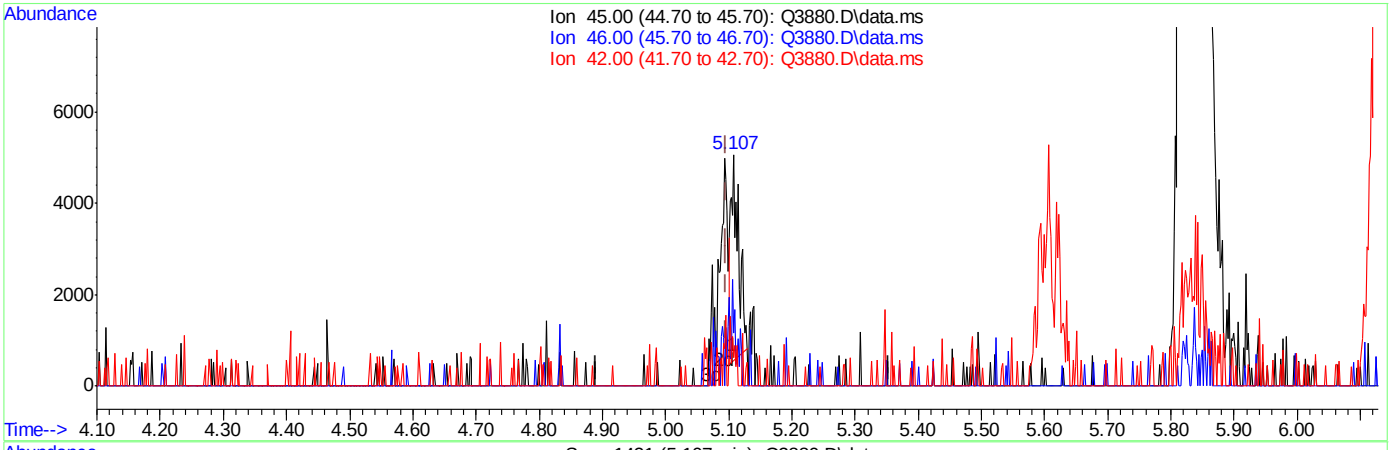
response 14957

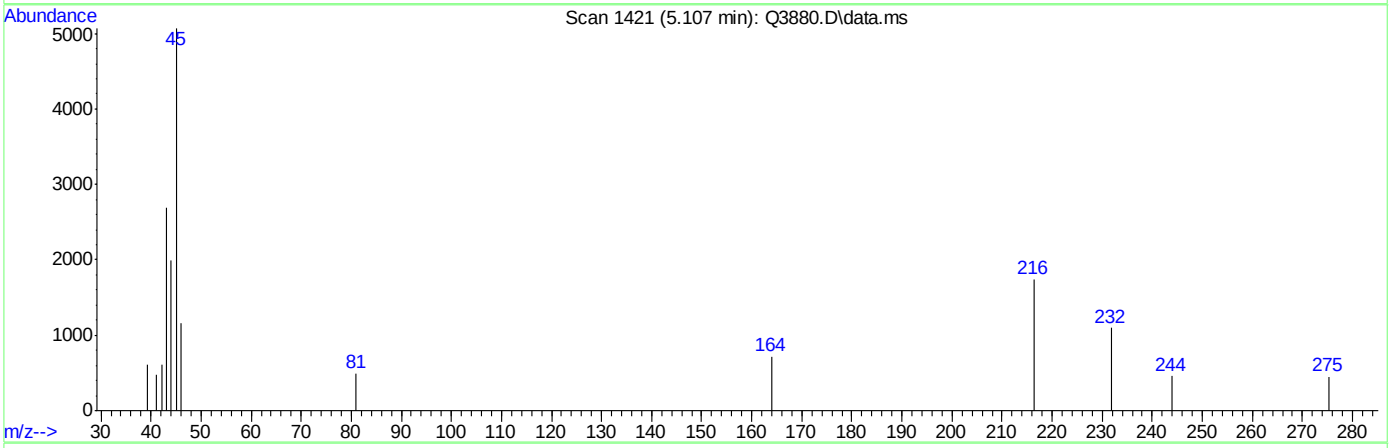
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	19.54
49.00	36.50	27.57
0.00	0.00	0.00

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

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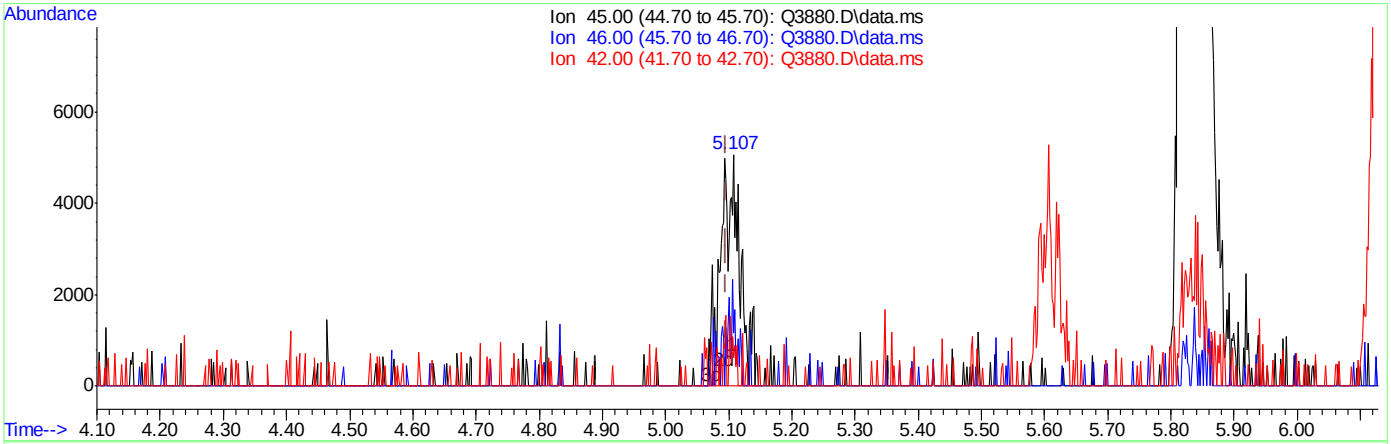
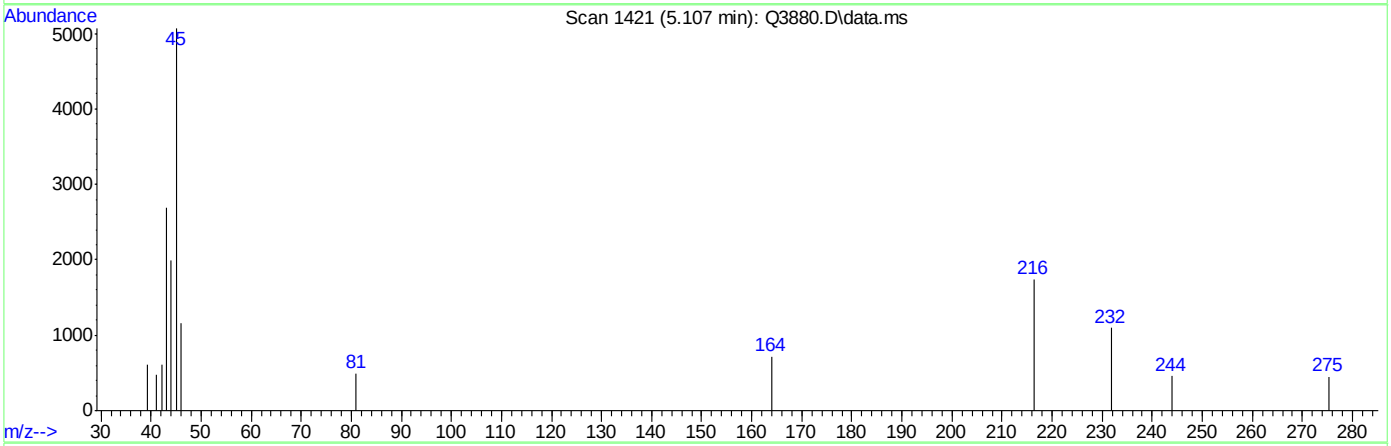
Quantitation Report (Qedit)

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

(16) ETHANOL (m)

5.107min (+0.011) 2.79PPBV m

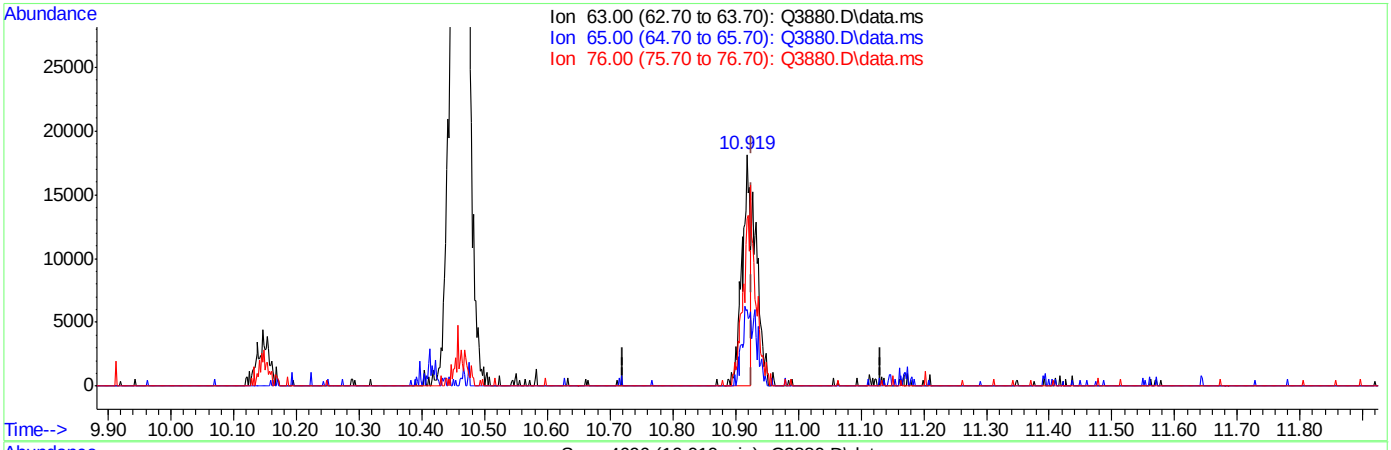
response 10787

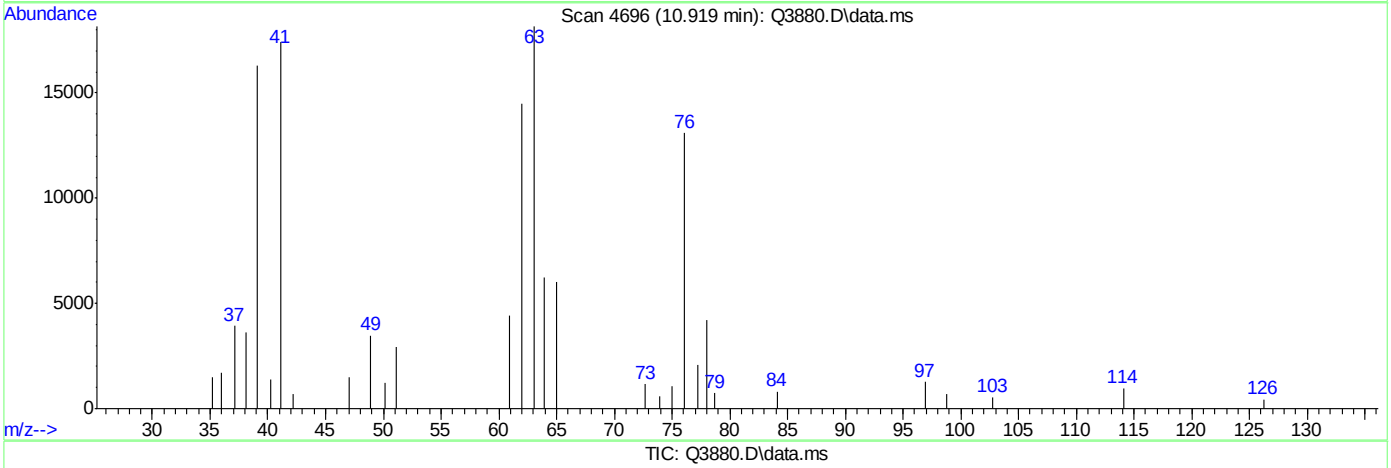
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	11.96#
42.00	8.40	6.70
0.00	0.00	0.00

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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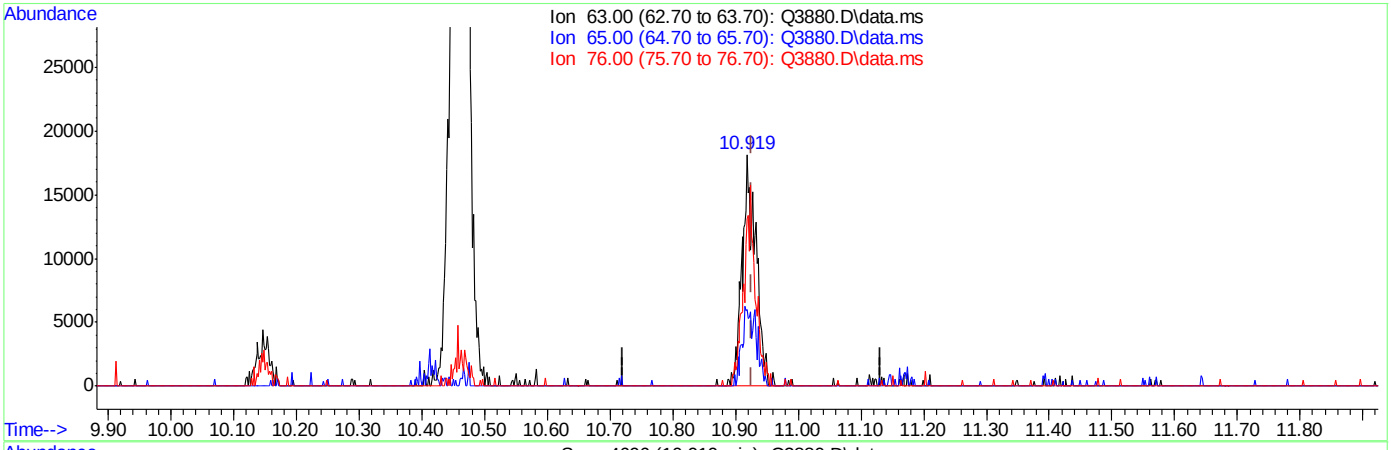
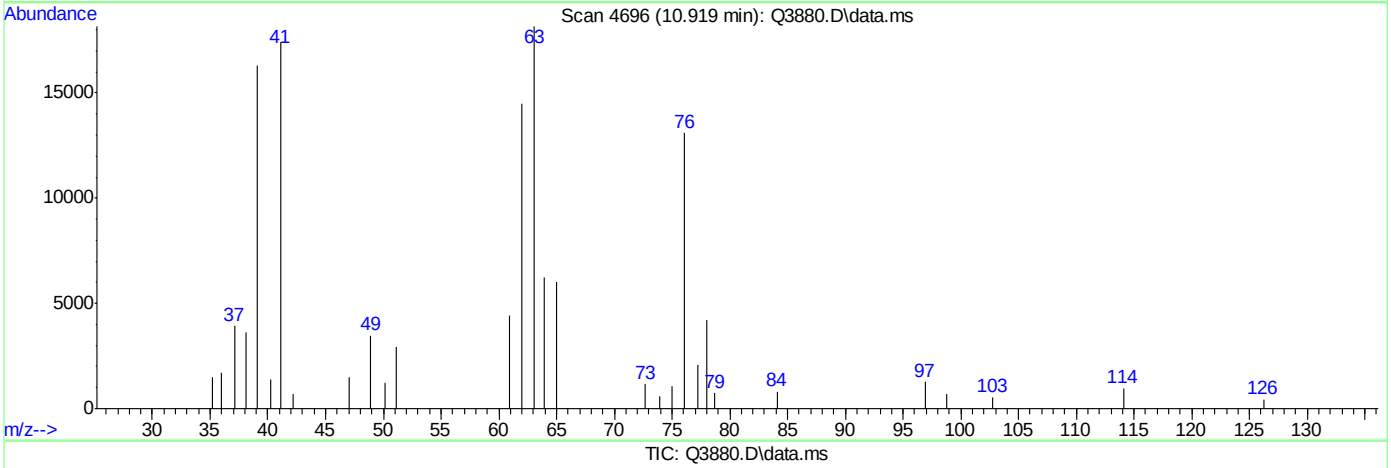
Quantitation Report (Qedit)

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

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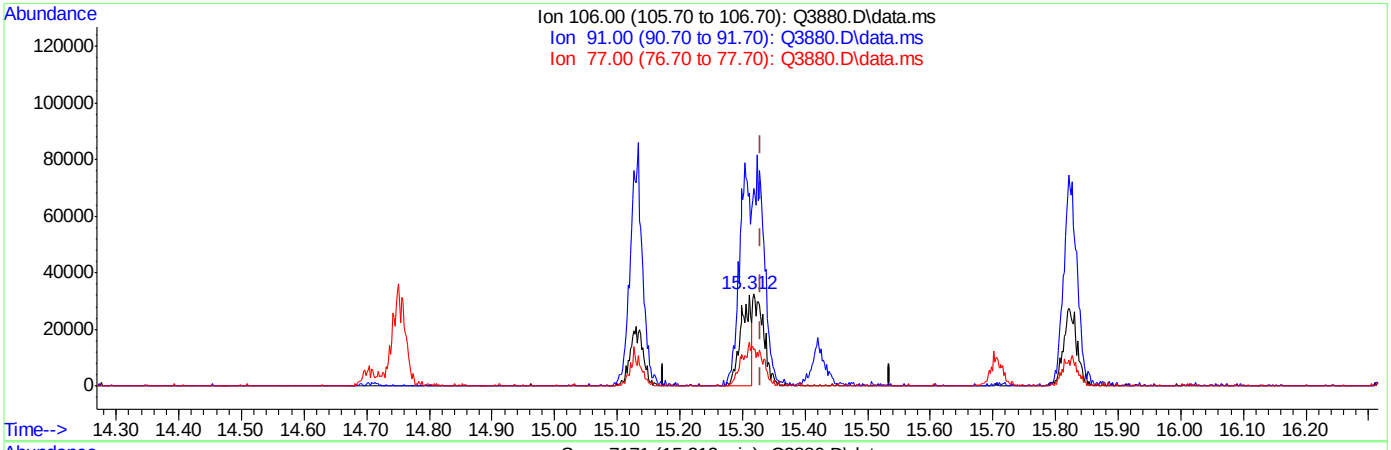
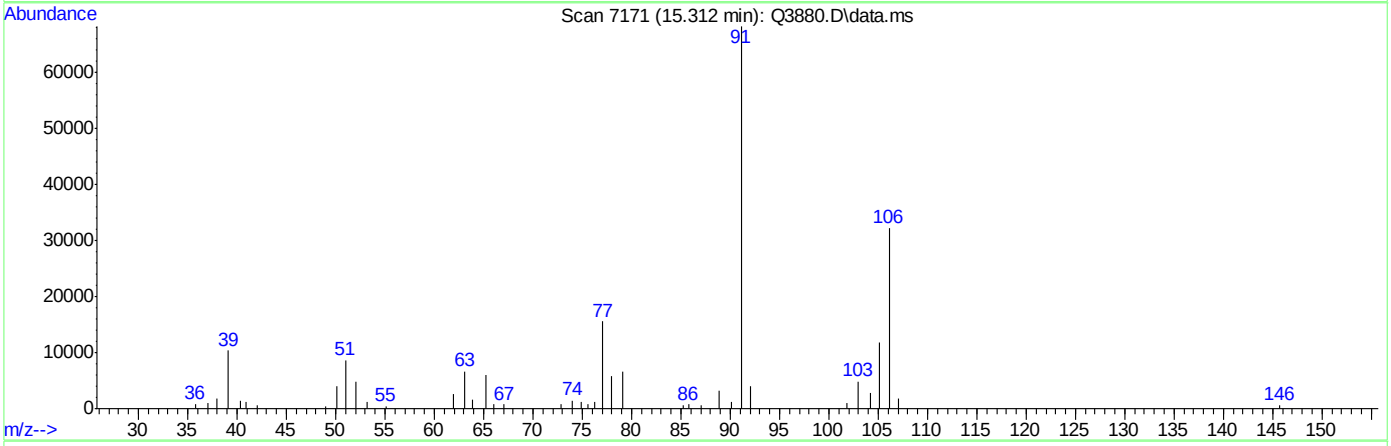
Quantitation Report (Qedit)

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

(56) m,p-XYLENE (m)

15.312min (-0.017) 2.18PPBV

response 39063

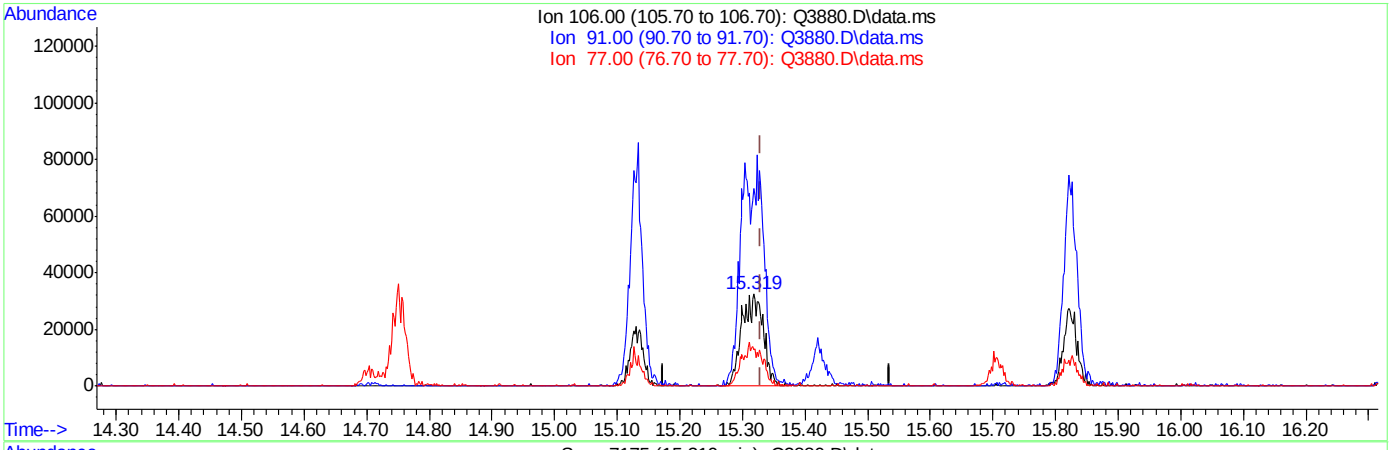
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	211.42
77.00	27.30	48.12#
0.00	0.00	0.00

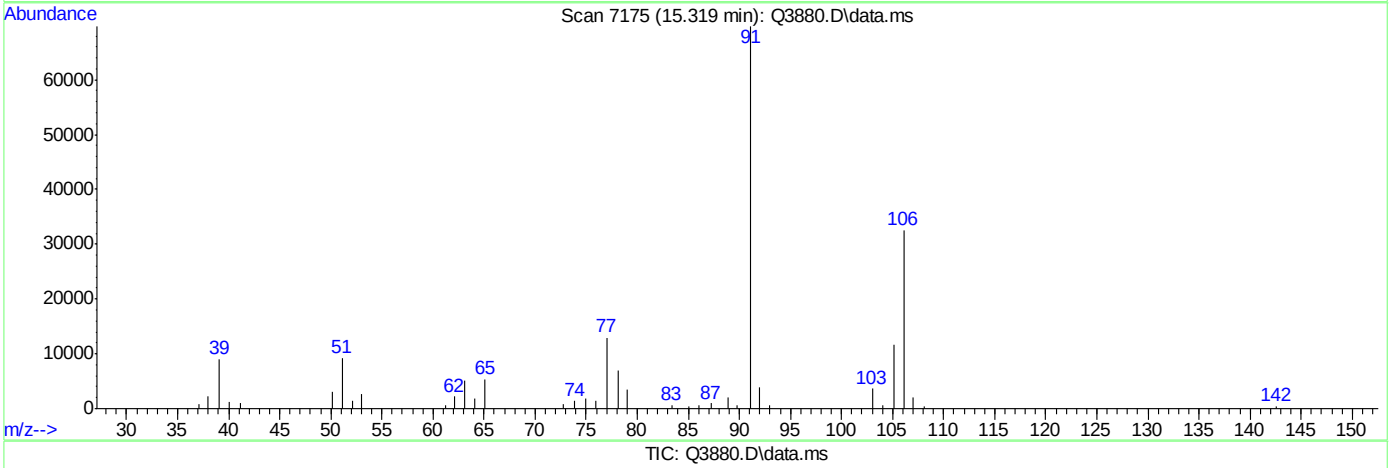
ACCUTEST Laboratories M65960

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 M65960

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

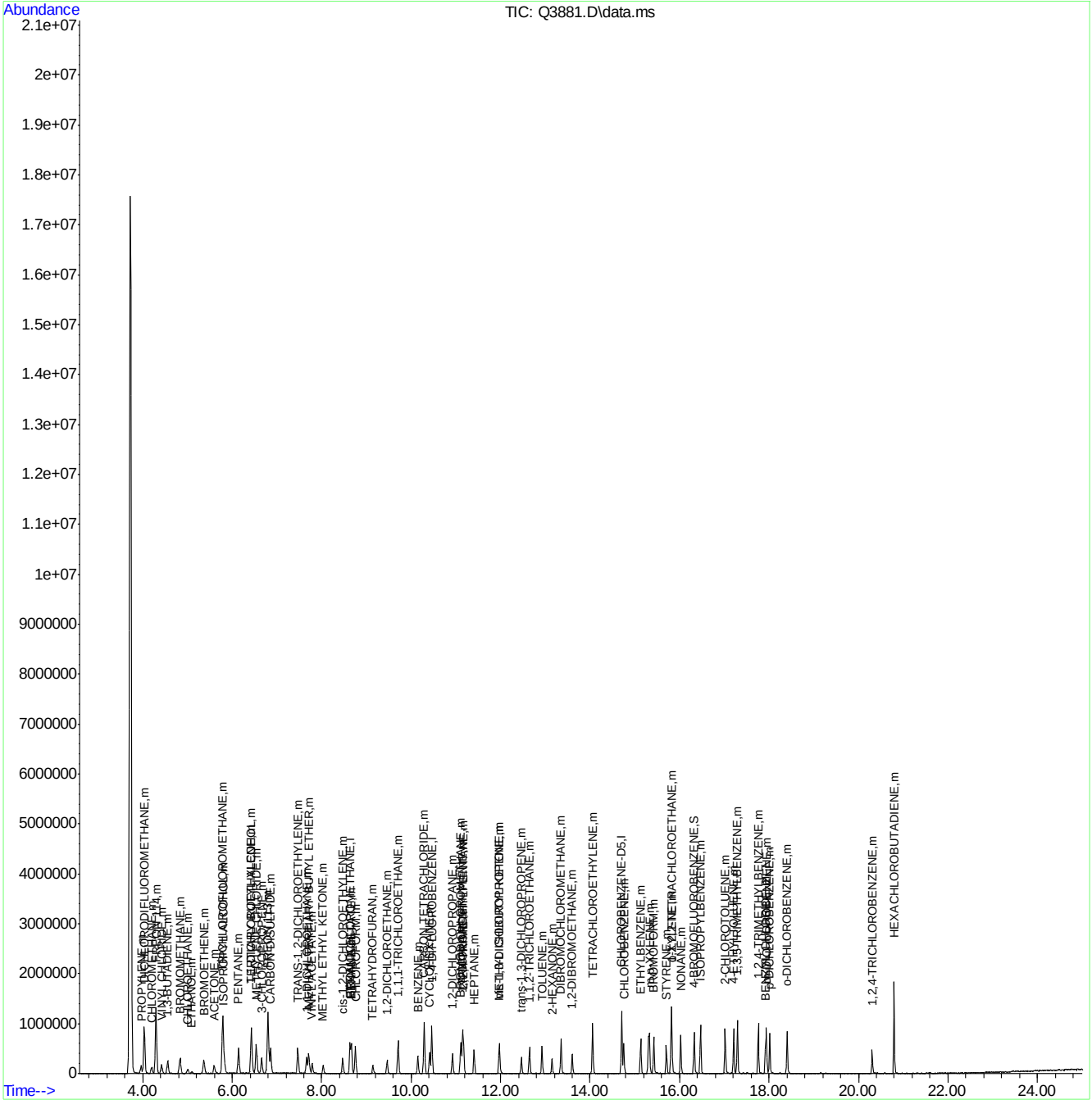
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.981	43	218922	8.52	PPBV		91
45) cis-1,3-DICHLOROPROPENE	11.963	75	169676	8.42	PPBV		85
46) TOLUENE	12.925	92	178544	8.35	PPBV		94
47) trans-1,3-DICHLOROPROPENE	12.463	75	138399	7.59	PPBV		94
48) 1,1,2-TRICHLOROETHANE	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

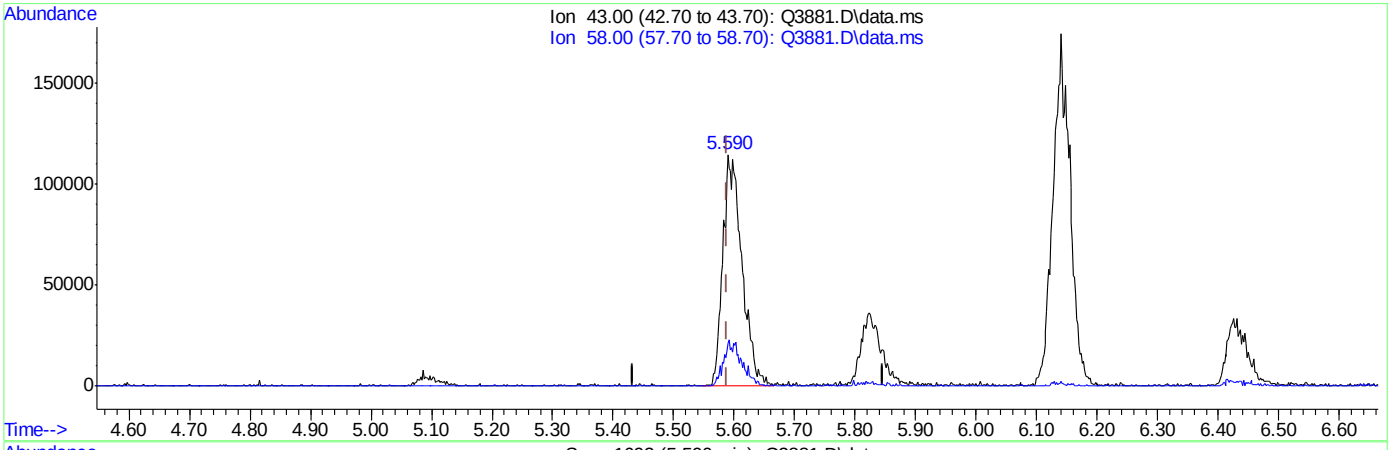
Quant Time: Jul 03 09:23:44 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:18:48 2007
Response via : Initial Calibration

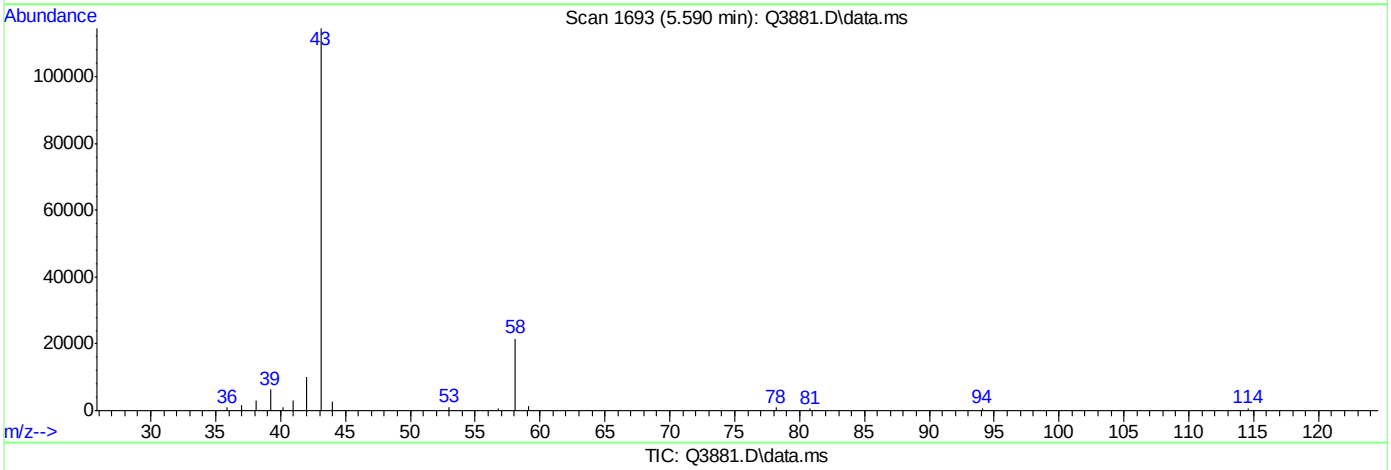


Quantitation Report (Qedit)

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

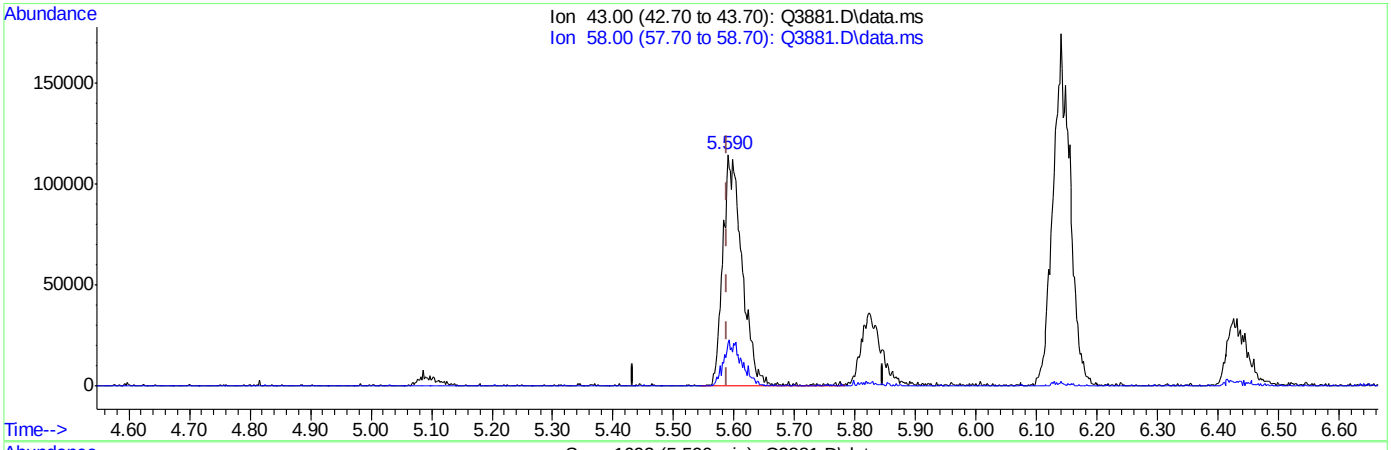
response 248891

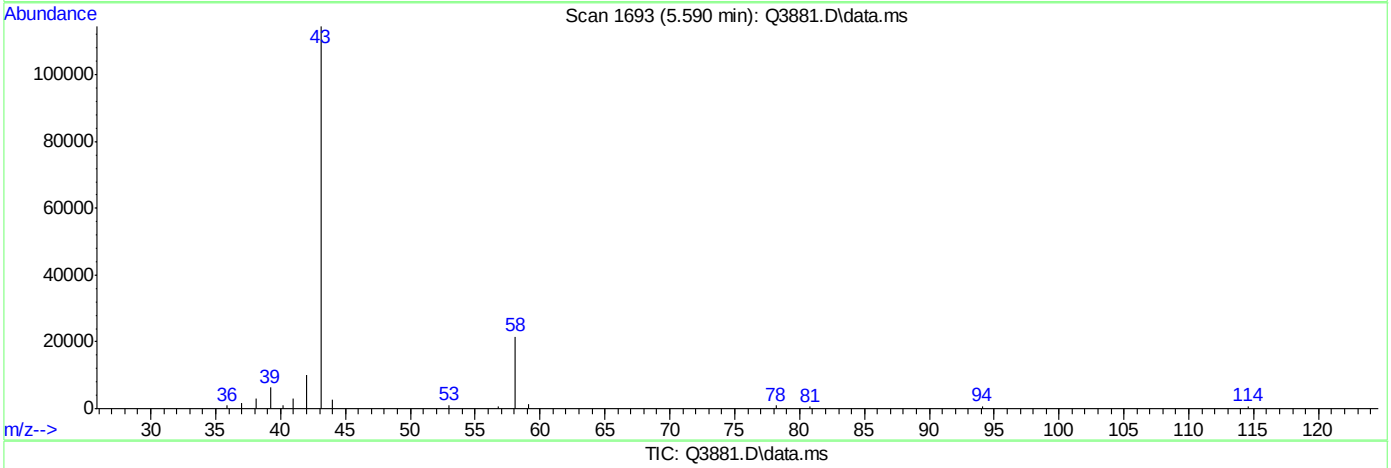
Ion	Exp%	Act%
43.00	100	100
58.00	29.00	18.65
0.00	0.00	0.00
0.00	0.00	0.00

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

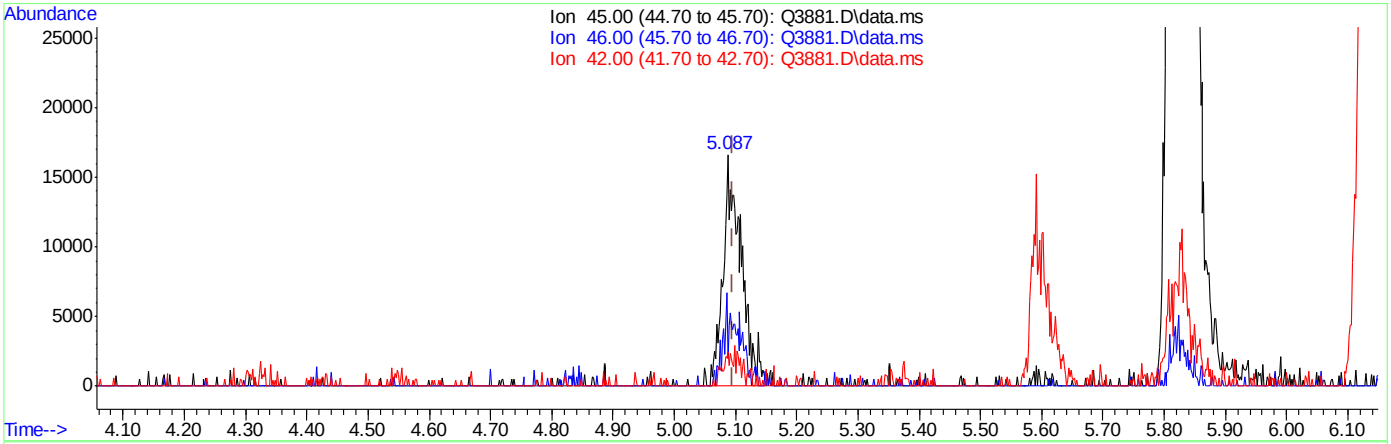
response 253476

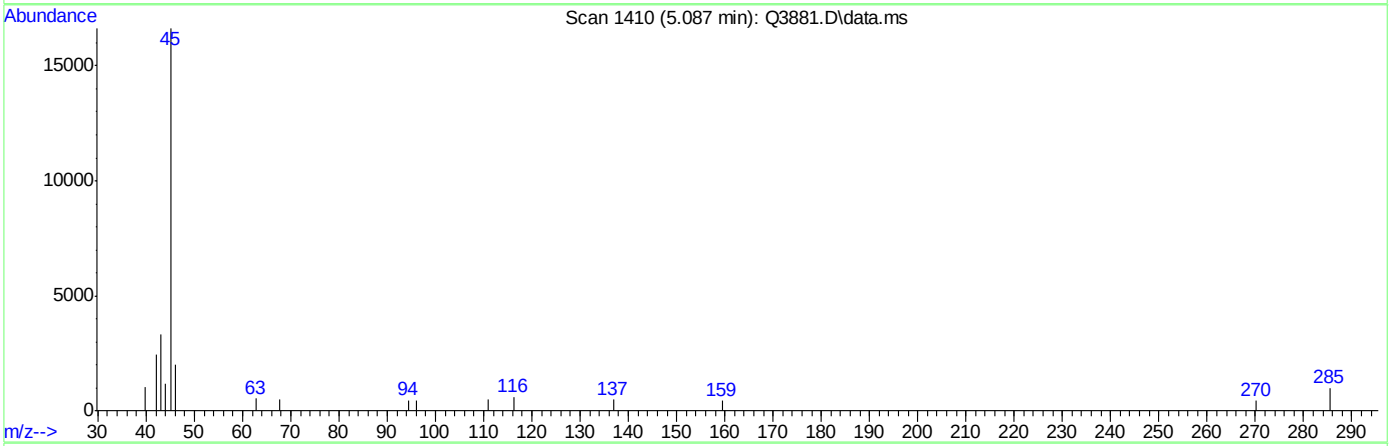
Ion	Exp%	Act%
43.00	100	100
58.00	29.00	18.31
0.00	0.00	0.00
0.00	0.00	0.00

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 M65960

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

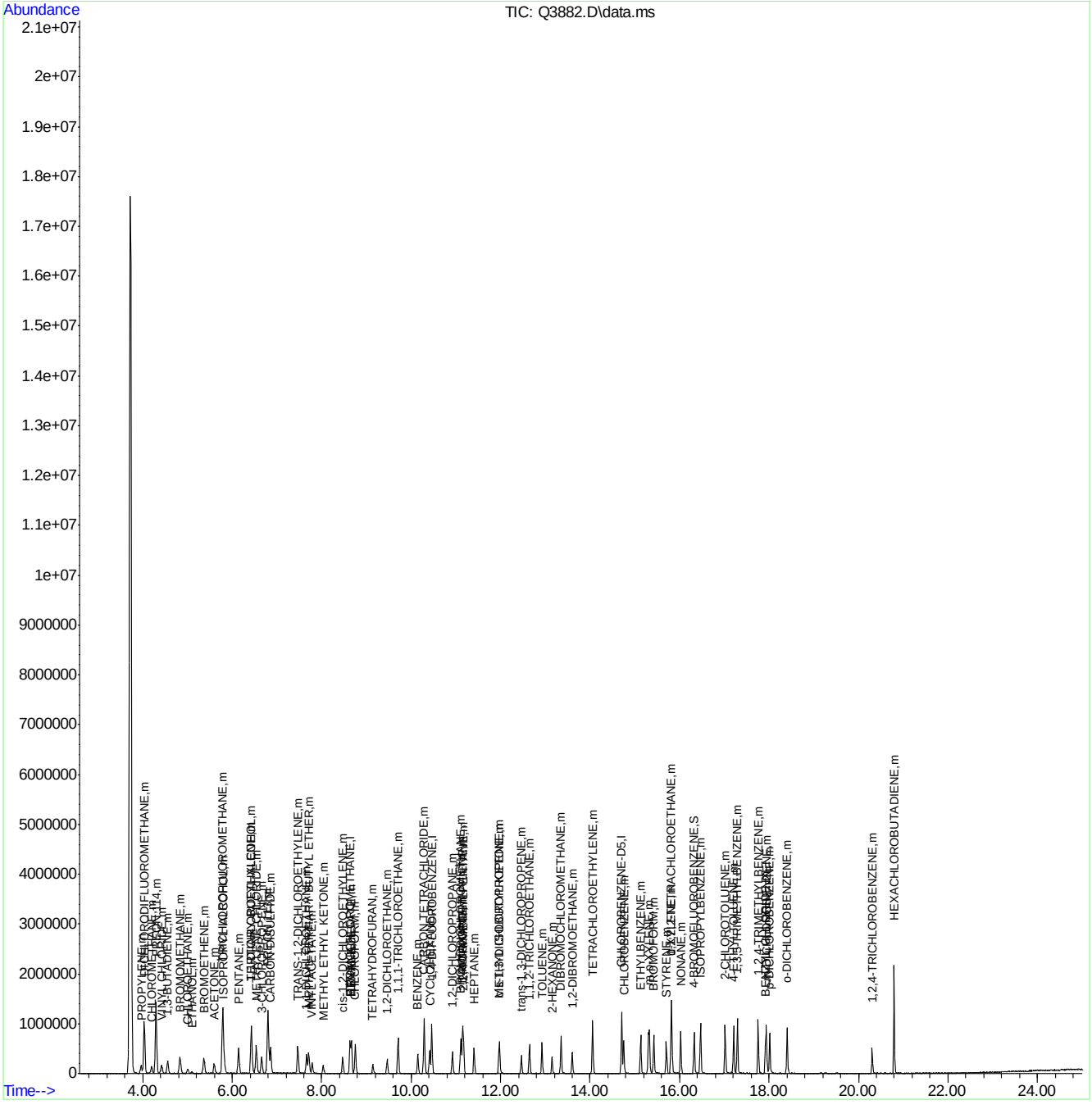
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.981	43	232953	8.80	PPBV		92
45) cis-1,3-DICHLOROPROPENE	11.961	75	186356	8.98	PPBV	#	82
46) TOLUENE	12.925	92	196448	8.91	PPBV		95
47) trans-1,3-DICHLOROPROPENE	12.463	75	155398	8.28	PPBV		97
48) 1,1,2-TRICHLOROETHANE	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

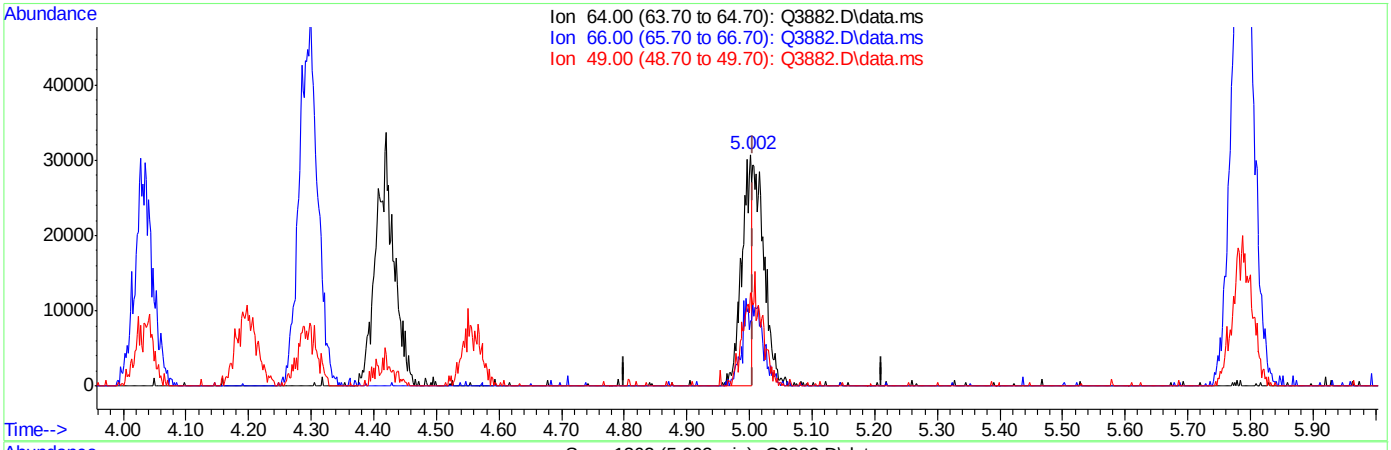
Quant Time: Jul 03 09:25:34 2007
Quant Method : C:\msdchem\1\METHODS\Q070207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 03 09:24:00 2007
Response via : Initial Calibration

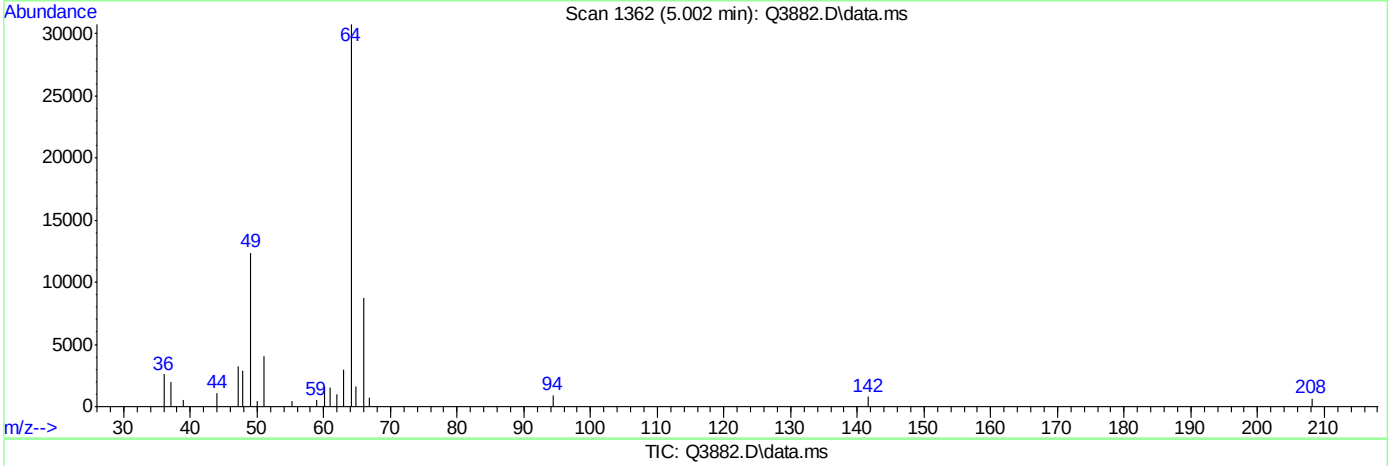


Quantitation Report (Qedit)

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
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

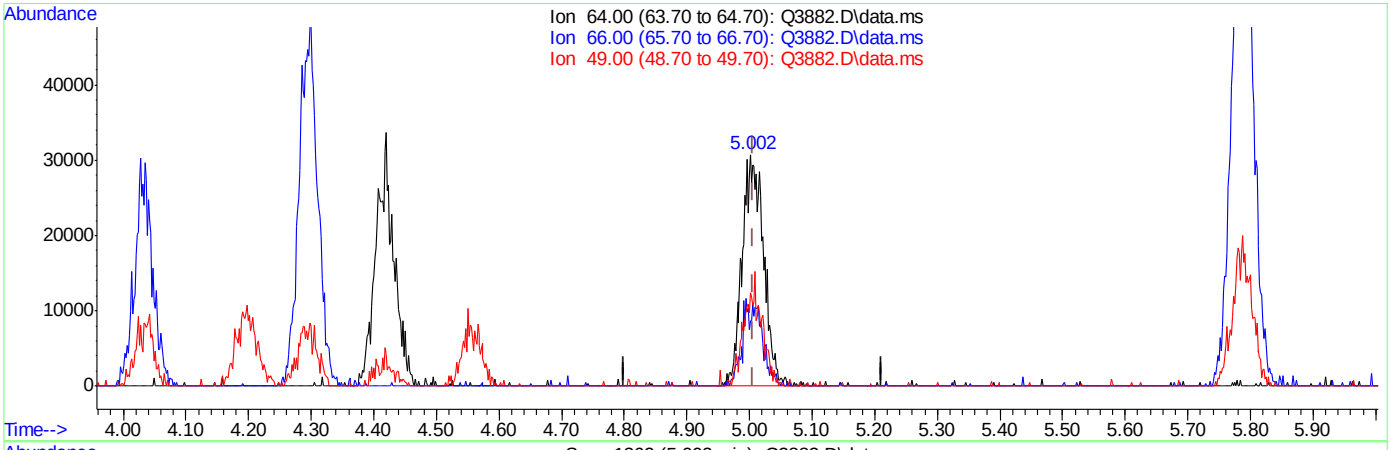
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	38.37
49.00	36.50	83.54#
0.00	0.00	0.00

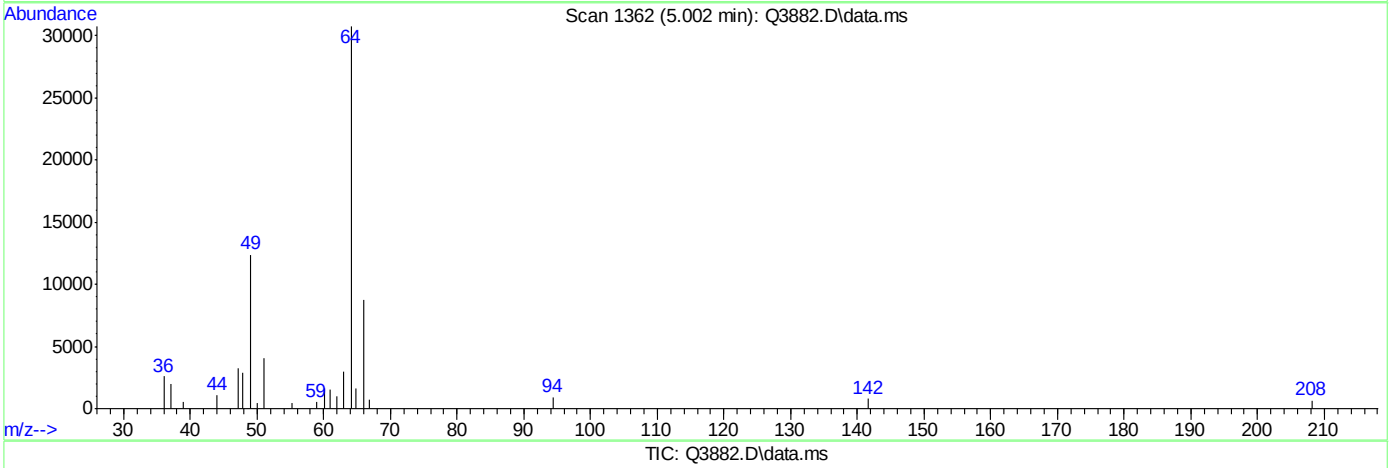
ACCUTEST Laboratories M65960

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

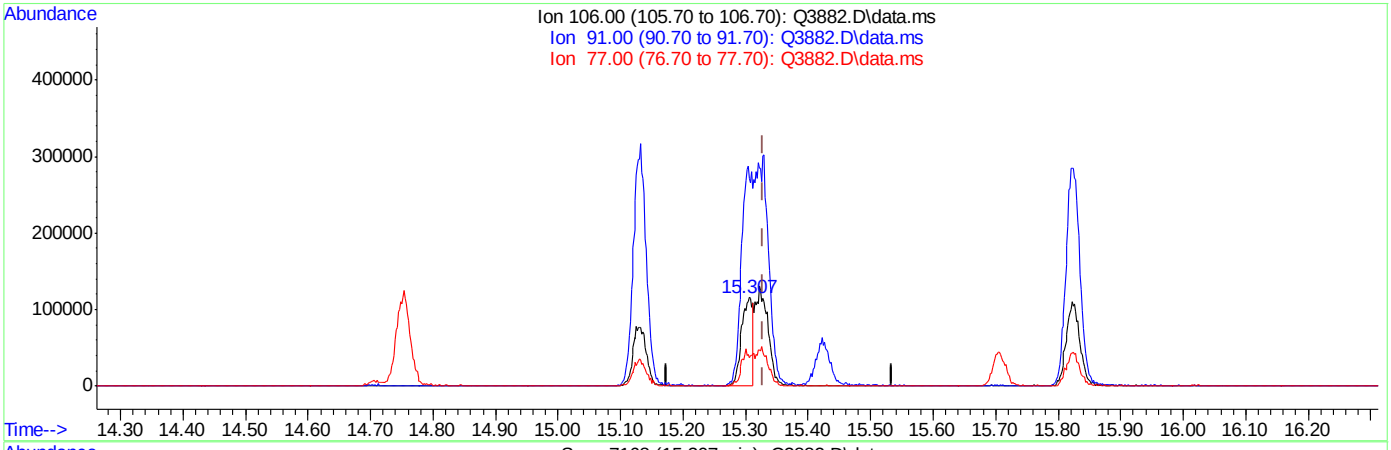
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	17.92
49.00	36.50	39.02
0.00	0.00	0.00

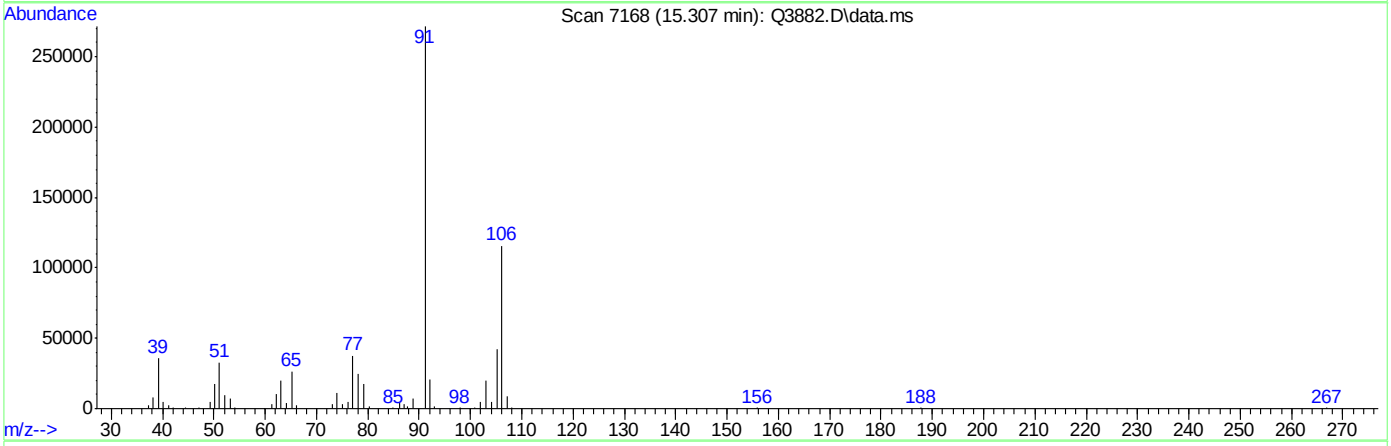
ACCUTEST Laboratories M65960

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

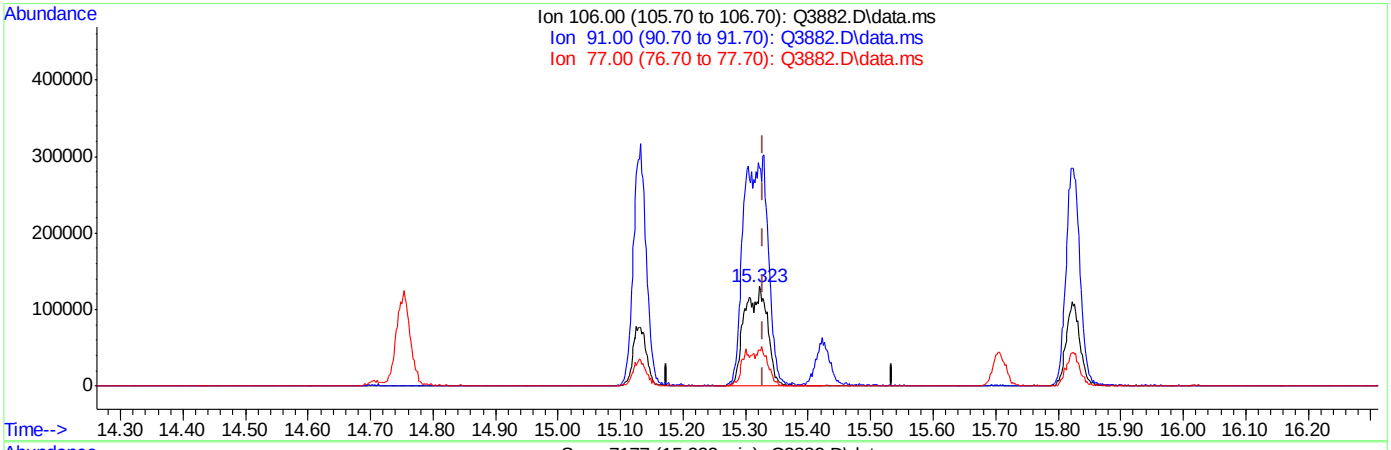
response 145617

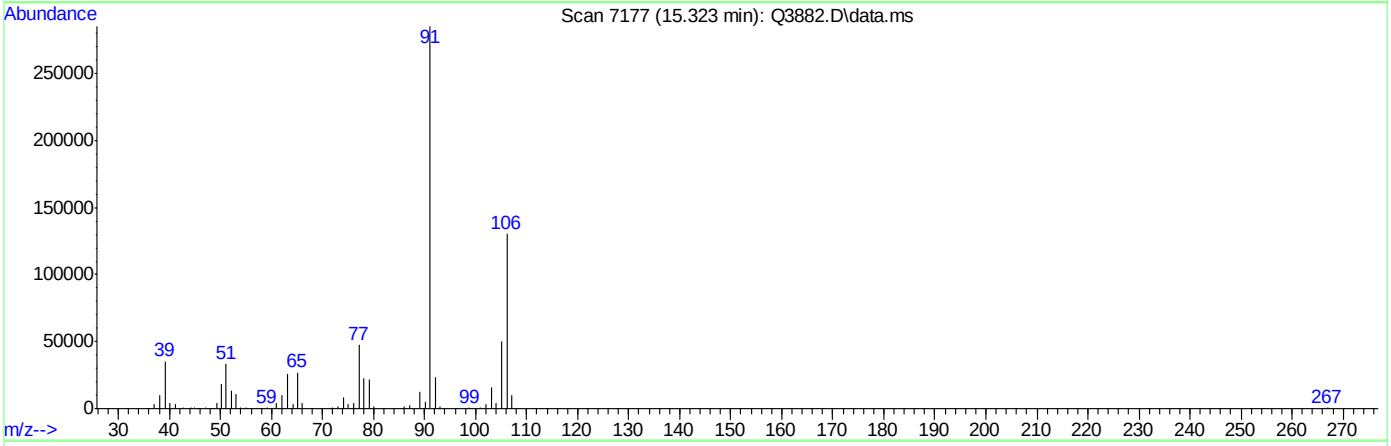
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	234.46
77.00	27.30	32.68
0.00	0.00	0.00

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 M65960

Standard Lot #	
Calib STD 1	MSA356
Calib STD 2	MSA357,MSA363
ICV	MSA361
Inter/Surr STD	MSA218
BS/BSD	MSA361

File ID	
Tune File 1	J10727
Tune File 2	J10737A
Initial Cal.	6/22/07
ID FILE	J062207T.M
Instrument ID	J
ICAL:	J10737
Column Type:	RTX-1
Sequence Verified By:	DT 6/25/07

Date:	6/22/2007
Analyst:	DANAT
Batch ID:	msj556
Matrix:	AIR
Approved By:	PHILIPB
Date Approved:	6/26/2007 3:58:07 PM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
J10727	CC552-10	m057	MSA361	VTO15STD	1		1	NA	fails , recalibrate
J10728	IC556-0.5	m140	MSA357	VTO15STD	1		1	NA	
J10729	IC556-0.2	m140	MSA357	VTO15STD	1		1	NA	
J10730	IC556-2	m140	MSA357	VTO15STD	1		1	NA	Re-run, hexachlorobutadiene is an outlier.
J10731	IC556-40	m173	MSA356	VTO15STD	2		1	NA	
J10732	IC556-20	m173	MSA356	VTO15STD	2		1	NA	
J10733	ICC556-10	m173	MSA356	VTO15STD	2		1	NA	
J10734	IC556-5	m173	MSA356	VTO15STD	2		1	NA	
J10735	IC556-2	m140	MSA357	VTO15STD	1		1	NA	Re-run using different std. , hexachlorobutadiene still fails.
J10736	IC556-2	m141	MSA363	VTO15STD	1		1	NA	
J10737	ICV556-10	m045	MSA361	VTO15STD	1		1	NA	
J10737a	CC556-10	m045	MSA361	VTO15STD	1		1	NA	
J10737b	BS	m045	MSA361	VTO15STD	1		1	NA	
J10738	BLANK	m006	NA	VTO15STD	4		1	NA	
J10739	SCC	m188	NA	VTO15STD	5		1	NA	fails with toluene hit, reclean batch.
J10740	MB	m098	NA	VTO15STD	6		1	NA	
J10741	SCC	m161	NA	VTO15STD	7		1	NA	
J10742	SCC	m103	NA	VTO15STD	8		1	NA	
J10743	SCC	m054	NA	VTO15STD	9		1	NA	
J10744	SCC	m112	NA	VTO15STD	10		1	NA	
J10745	SCC	m077	NA	VTO15STD	11		1	NA	
J10746	SCC	a736	NA	VTO15STD	12		1	NA	
J10747	SCC	m096	NA	VTO15STD	13		1	NA	
J10748	SCC	m043	NA	VTO15STD	14		1	NA	
J10749	SCC	a737	NA	VTO15STD	15		1	NA	
J10750	SCC	m079	NA	VTO15STD	16		1	NA	
J10751	M65607-2	m157	MS13799	VTO15STD	1		1	MC114	
J10752	M65607-DUP	m157	MS13799	VTO15STD	1		1	MC114	
J10753	M65529-1	m144	MS13762	VTO15STD	2		10	NA	
J10754	M65530-1	m162	MS13762	VTO15STD	3		1	NA	Re-run , 124-TMB hit and fails high in cc

Standard Lot #	
Calib STD 1	MSA364
Calib STD 2	MSA365
ICV	MSA366
Inter/Surr STD	MSA218
BS/BSD	MSA366

File ID	
Tune File 1	Q3798.D
Tune File 2	NA
Initial Cal.	6-25-07
ID FILE	Q062507T.M
Instrument ID	Q
ICAL:	Q3805.D
Column Type:	RTX-1
Sequence Verified By:	PB 6-26-07

Date:	6/25/2007
Analyst:	PHILIPB
Batch ID:	MSQ204
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	6/26/2007 4:31:06 PM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
Q3798	IC204-40	M041	MSA364	VTO15STD	1		1	NA	O.K.; BFB
Q3799	IC204-20	M041	MSA364	VTO15STD	1		1	NA	O.K.
Q3800	IC204-10	M041	MSA364	VTO15STD	1		1	NA	O.K.
Q3801	ICC204-5	M041	MSA364	VTO15STD	1		1	NA	O.K.
Q3802	IC204-2	M041	MSA364	VTO15STD	1		1	NA	O.K.
Q3803	IC204-.5	M087	MSA365	VTO15STD	2		1	NA	O.K.
Q3804	IC204-.2	M087	MSA365	VTO15STD	2		1	NA	O.K.
Q3805	ICV204-10	M080	MSA366	VTO15STD	3		1	NA	O.K.
Q3805A	BS	M080	MSA366	VTO15STD	3		1	NA	O.K.
Q3806	MB	M007	NA	VTO15STD	4		1	NA	O.K.
Q3806A	M65285-11	M007	NA	VTO15STD	4		1	NA	Certification Blank
Q3807	M65285-12	M006	NA	VTO15STD	5		1	NA	Certification Blank
Q3808	M65285-13	M117	NA	VTO15STD	6		1	NA	Certification Blank
Q3809	M65285-14	M133	NA	VTO15STD	7		1	NA	Certification Blank
Q3810	M65285-15	M166	NA	VTO15STD	8		1	NA	Certification Blank
Q3811	M65285-18	M029	NA	VTO15STD	9		1	NA	Certification Blank
Q3812	M65285-19	M020	NA	VTO15STD	10		1	NA	Certification Blank
Q3813	M65285-20	M130	NA	VTO15STD	11		1	NA	Certification Blank

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