New England ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

07/13/07

Technical Report for

GEI Consultants, Inc.

Indoor & Outdoor Air Samples Tufts St., Somerville MA

045162

Accutest Job Number: M66023

Sampling Date: 07/02/07

Report to:

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

ATTN: Raymond Siegener, Ph.D.

Total number of pages in report: **573**

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: M66023

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

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
M66023-1	07/02/07	16:08	TAD	07/03/07	AIR	Air	045162-19MORT-1
M66023-2	07/02/07	16:28	TAD	07/03/07	AIR	Air	045162-19MORT-B

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	GEI Consultants, Inc.	**Job No**	M66023
Site:	Indoor & Outdoor Air Samples Tufts St., Somerville MA	**Report Date**	7/12/2007 4:31:34 PM

2 Sample(s) were collected on 07/02/2007 and were received at Accutest on 07/03/2007. These Samples received an Accutest job number of M66023. 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:**	MSQ210

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M66014-1DUP were used as the QC samples indicated.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(M66023).

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-19MORT-1		
Lab Sample ID:	M66023-1	**Date Sampled:**	07/02/07
Matrix:	AIR - Air Summa ID: M130	**Date Received:**	07/03/07
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	Q3917.D	1	07/05/07	PB	n/a	n/a	MSQ210
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	64.52	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	ppbv		ND	1.3	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	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	79%		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:	045162-19MORT-B		
Lab Sample ID:	M66023-2	**Date Sampled:**	07/02/07
Matrix:	AIR - Air Summa ID: M149	**Date Received:**	07/03/07
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	Q3918.D	1	07/05/07	PB	n/a	n/a	MSQ210
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	64.52	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	ppbv		ND	1.3	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	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	90%		57-139%

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

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

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

CHAIN OF CUSTODY

ACCUTEST Laboratories

Air Sampling Field Data Sheet

PEU-EX Tracking #: | Bottle Order Control #: | Lab Quote #: | Lab Job #: M66023

Client / Reporting Information

Company Name: GEI
Address: 400 Unicorn Park Dr
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): T. Daigle

Project Name: 50 Tufts St
Street: 50 Tufts St
City: Somerville State: MA
Project #: 045162
Client Purchase Order #:

Weather Parameters

Temperature (Fahrenheit)
Start: 71.6 Maximum:
Stop: 77.6 Minimum:
Atmospheric Pressure (inches of Hg)
Start: 30.14 Maximum:
Stop: 30.10 Minimum:
Other weather comment:

Requested Analysis

Lab Sample #	Field ID / Point of Collection	Air Type: Indoor(I) Sub 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	045162-19MORT-1	SV	M130	6	MC090	7-2-07	1235	30	75.9	TAD	7-2-07	1608	5	76.2	TAD		
-2	045162-19MORT-B	SV	M149	6	MC056	7-2-07	1237	31	73.1	TAD	7-2-07	1628	6	73.5	TAD		

Turnaround Time (Business days)

Standard - 15 Days
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

See attached list

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

Relinquished by Laboratory:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 GEI lab	7-2-07 700	1 Tad Daigle	2 Tad Daigle	7-2-07 1700	2 GEI lab
Relinquished By:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3 GEI lab / Mark Ensign	7/3/07 1445	3 Kyle Takeotkhan	4 Kyle Takeotkhan	7/3/07 4:30 p.m	4 Kyle Takeotkhan
Relinquished By:	Date Time:	Received By:	Custody Seal #		
5		5			

SM013-01 (2/14/06)

M66023: Chain of Custody
Page 1 of 2

Substab

~~Indoor~~ Air Sampling Analyte List

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

Summa Canister and Flow Controller Log

Job Number: M66023
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA
Received: 07/03/07

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
M130	6	29.4	06/26/07	PB	CP436	J10786.D	M66023-1	07/03/07	PB	5		-2.5	1
M149	6	29.4	06/15/07	PB	CP428	Q3729.D	M66023-2	07/03/07	PB	6		-3	1

FLOW CONTROLLERS

Shipping					Receiving		
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min
MC055	06/26/07	PB	20	4	07/03/07	PB	20
MC090	06/26/07	PB	20	4	07/03/07	PB	20.2

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

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

Internal Sample Tracking Chronicle

GEI Consultants, Inc.

Job No: M66023

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

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M66023-1	Collected: 02-JUL-07 16:08 By: TAD		Received: 03-JUL-07 By: RT			
045162-19MORT-1						
M66023-1	TO-15	05-JUL-07 20:23	PB			VTO15STD
M66023-2	Collected: 02-JUL-07 16:28 By: TAD		Received: 03-JUL-07 By: RT			
045162-19MORT-B						
M66023-2	TO-15	05-JUL-07 21:07	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: M66023
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
MSQ210-MB	Q3915.D	1	07/05/07	PB	n/a	n/a	MSQ210

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

M66023-1, M66023-2

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	76%	57-139%

Method Blank Summary

Job Number: M66023
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
MSQ198-MB	Q3633.D	1	06/06/07	PB	n/a	n/a	MSQ198

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

MSQ198-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	85%	57-139%

Method Blank Summary

Job Number: M66023
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: M66023
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
MSQ210-BS	Q3914A.D	1	07/05/07	PB	n/a	n/a	MSQ210

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

M66023-1, M66023-2

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	10.3	103	70-130
56-23-5	Carbon tetrachloride	10	9.9	99	70-130
75-34-3	1,1-Dichloroethane	10	9.8	98	70-130
75-35-4	1,1-Dichloroethylene	10	9.3	93	70-130
107-06-2	1,2-Dichloroethane	10	9.4	94	70-130
156-60-5	trans-1,2-Dichloroethylene	10	9.5	95	70-130
156-59-2	cis-1,2-Dichloroethylene	10	9.1	91	70-130
71-55-6	1,1,1-Trichloroethane	10	9.2	92	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	10	100	70-130
79-00-5	1,1,2-Trichloroethane	10	9.3	93	70-130
127-18-4	Tetrachloroethylene	10	9.8	98	70-130
79-01-6	Trichloroethylene	10	9.8	98	70-130
75-01-4	Vinyl chloride	10	9.8	98	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	106%	57-139%

Blank Spike Summary

Job Number: M66023
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
MSQ198-BS	Q3632A.D	1	06/06/07	PB	n/a	n/a	MSQ198

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

MSQ198-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	8.9	89	70-130
56-23-5	Carbon tetrachloride	10	9.7	97	70-130
75-34-3	1,1-Dichloroethane	10	11.1	111	70-130
75-35-4	1,1-Dichloroethylene	10	9.6	96	70-130
107-06-2	1,2-Dichloroethane	10	10.3	103	70-130
156-60-5	trans-1,2-Dichloroethylene	10	10.5	105	70-130
156-59-2	cis-1,2-Dichloroethylene	10	10.5	105	70-130
71-55-6	1,1,1-Trichloroethane	10	10.3	103	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	12.2	122	70-130
79-00-5	1,1,2-Trichloroethane	10	11.6	116	70-130
127-18-4	Tetrachloroethylene	10	11.0	110	70-130
79-01-6	Trichloroethylene	10	10.4	104	70-130
75-01-4	Vinyl chloride	10	9.1	91	70-130

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

Blank Spike Summary

Job Number: M66023
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: M66023
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
M66014-1DUP	Q3921.D	1	07/05/07	PB	n/a	n/a	MSQ210
M66014-1	Q3926.D	1	07/06/07	PB	n/a	n/a	MSQ210

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

M66023-1, M66023-2

CAS No.	Compound	M66014-1 ppbv	Q	DUP ppbv	Q	RPD	Limits
75-00-3	Chloroethane	ND		ND		nc	25
56-23-5	Carbon tetrachloride	ND		ND		nc	25
75-34-3	1,1-Dichloroethane	ND		ND		nc	25
75-35-4	1,1-Dichloroethylene	ND		ND		nc	25
107-06-2	1,2-Dichloroethane	ND		ND		nc	25
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	25
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	25
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	25
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	25
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	25
127-18-4	Tetrachloroethylene	ND		ND		nc	25
79-01-6	Trichloroethylene	ND		ND		nc	25
75-01-4	Vinyl chloride	ND		ND		nc	25

CAS No.	Surrogate Recoveries	DUP	M66014-1	Limits
460-00-4	4-Bromofluorobenzene	80%	81%	57-139%

Summa Cleaning Certification

Job Number: M66023
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
MSQ198-SCC	Q3642.D	1	06/06/07	PB	n/a	n/a	MSQ198

The QC reported here (Summa M149) applies to the following samples: **Method:** TO-15

Batch CP428 cleaned 06/05/07: M66023-2(M149)

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	79%	57-139%

Summa Cleaning Certification

Job Number: M66023
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	Q3813.D	1	06/26/07	PB	n/a	n/a	MSQ204

The QC reported here (Summa M130) applies to the following samples: **Method:** TO-15

Batch CP436 cleaned 06/25/07: M66023-1(M130)

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: M66023
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ197-BFB
Lab File ID: Q3622.D
Instrument ID: GCMSQ
Injection Date: 06/05/07
Injection Time: 15:03

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	9432	33.1		Pass
75	30.0 - 66.0% of mass 95	18250	64.1		Pass
95	Base peak, 100% relative abundance	28492	100.0		Pass
96	5.0 - 9.0% of mass 95	2005	7.0		Pass
173	Less than 2.0% of mass 174	243	0.85	(1.0) [a]	Pass
174	50.0 - 120.0% of mass 95	24260	85.1		Pass
175	4.0 - 9.0% of mass 174	1576	5.5	(6.5) [a]	Pass
176	93.0 - 101.0% of mass 174	24100	84.6	(99.3) [a]	Pass
177	5.0 - 9.0% of mass 176	1634	5.7	(6.8) [b]	Pass

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSQ197-IC197	Q3622.D	06/05/07	15:03	00:00	Initial cal 4
MSQ197-IC197	Q3623.D	06/05/07	15:47	00:44	Initial cal 40
MSQ197-IC197	Q3624.D	06/05/07	16:30	01:27	Initial cal 20
MSQ197-ICC197	Q3625.D	06/05/07	17:14	02:11	Initial cal 10
MSQ197-IC197	Q3626.D	06/05/07	17:58	02:55	Initial cal 5
MSQ197-IC197	Q3627.D	06/05/07	18:41	03:38	Initial cal 2
MSQ197-IC197	Q3628.D	06/05/07	19:25	04:22	Initial cal .5
MSQ197-IC197	Q3629.D	06/05/07	20:08	05:05	Initial cal .2
MSQ197-ICV197	Q3631.D	06/06/07	14:41	23:38	Initial cal verification 10

Instrument Performance Check (BFB)

Job Number: M66023
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ198-BFB
Lab File ID: Q3632.D
Instrument ID: GCMSQ
Injection Date: 06/06/07
Injection Time: 15:26

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	23450	28.4		Pass
75	30.0 - 66.0% of mass 95	48933	59.3		Pass
95	Base peak, 100% relative abundance	82477	100.0		Pass
96	5.0 - 9.0% of mass 95	6092	7.4		Pass
173	Less than 2.0% of mass 174	635	0.77	(0.94) [a]	Pass
174	50.0 - 120.0% of mass 95	67576	81.9		Pass
175	4.0 - 9.0% of mass 174	5327	6.5	(7.9) [a]	Pass
176	93.0 - 101.0% of mass 174	64944	78.7	(96.1) [a]	Pass
177	5.0 - 9.0% of mass 176	4930	6.0	(7.6) [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
MSQ198-CC197	Q3632.D	06/06/07	15:26	00:00	Continuing cal 10
MSQ198-BS	Q3632A.D	06/06/07	15:26	00:00	Blank Spike
MSQ198-MB	Q3633.D	06/06/07	16:10	00:44	Method Blank
MSQ198-SCC	Q3633A.D	06/06/07	16:10	00:44	Summa Cleaning Certification
M65072-1	Q3635.D	06/06/07	17:36	02:10	(used for QC only; not part of job M66023)
M65072-1DUP	Q3636.D	06/06/07	18:18	02:52	Duplicate
ZZZZZZ	Q3637.D	06/06/07	19:00	03:34	(unrelated sample)
ZZZZZZ	Q3638.D	06/06/07	19:42	04:16	(unrelated sample)
ZZZZZZ	Q3639.D	06/06/07	20:24	04:58	(unrelated sample)
ZZZZZZ	Q3640.D	06/06/07	21:06	05:40	(unrelated sample)
ZZZZZZ	Q3641.D	06/06/07	21:48	06:22	(unrelated sample)
MSQ198-SCC	Q3642.D	06/06/07	22:29	07:03	Summa Cleaning Certification
ZZZZZZ	Q3644.D	06/07/07	09:21	17:55	(unrelated sample)
ZZZZZZ	Q3645.D	06/07/07	10:18	18:52	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: M66023
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: M66023
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ210-BFB
Lab File ID: Q3907.D
Instrument ID: GCMSQ
Injection Date: 07/05/07
Injection Time: 13:07

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	32681	24.0		Pass
75	30.0 - 66.0% of mass 95	86785	63.6		Pass
95	Base peak, 100% relative abundance	136448	100.0		Pass
96	5.0 - 9.0% of mass 95	8055	5.9		Pass
173	Less than 2.0% of mass 174	875	0.64	(1.1) [a]	Pass
174	50.0 - 120.0% of mass 95	77972	57.1		Pass
175	4.0 - 9.0% of mass 174	6488	4.8	(8.3) [a]	Pass
176	93.0 - 101.0% of mass 174	77233	56.6	(99.1) [a]	Pass
177	5.0 - 9.0% of mass 176	4165	3.1	(5.4) [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
MSQ210-IC210	Q3907.D	07/05/07	13:07	00:00	Initial cal 40
MSQ210-IC210	Q3908.D	07/05/07	13:51	00:44	Initial cal 20
MSQ210-ICC210	Q3909.D	07/05/07	14:35	01:28	Initial cal 10
MSQ210-IC210	Q3910.D	07/05/07	15:17	02:10	Initial cal 5
MSQ210-IC210	Q3911.D	07/05/07	16:00	02:53	Initial cal 2
MSQ210-IC210	Q3912.D	07/05/07	16:44	03:37	Initial cal .5
MSQ210-IC210	Q3913.D	07/05/07	17:27	04:20	Initial cal .2
MSQ210-ICV210	Q3914.D	07/05/07	18:11	05:04	Initial cal verification 10
MSQ210-BS	Q3914A.D	07/05/07	18:11	05:04	Blank Spike
MSQ210-MB	Q3915.D	07/05/07	18:55	05:48	Method Blank
MSQ210-SCC	Q3915A.D	07/05/07	18:55	05:48	Summa Cleaning Certification
ZZZZZZ	Q3916.D	07/05/07	19:39	06:32	(unrelated sample)
M66023-1	Q3917.D	07/05/07	20:23	07:16	045162-19MORT-1
M66023-2	Q3918.D	07/05/07	21:07	08:00	045162-19MORT-B
ZZZZZZ	Q3919.D	07/05/07	21:52	08:45	(unrelated sample)
M66014-1DUP	Q3921.D	07/05/07	23:18	10:11	Duplicate
MSQ210-SCC	Q3923.D	07/06/07	00:45	11:38	Summa Cleaning Certification
MSQ210-SCC	Q3924.D	07/06/07	01:28	12:21	Summa Cleaning Certification
MSQ210-SCC	Q3925.D	07/06/07	02:11	13:04	Summa Cleaning Certification
M66014-1	Q3926.D	07/06/07	08:22	19:15	(used for QC only; not part of job M66023)
ZZZZZZ	Q3927.D	07/06/07	10:01	20:54	(unrelated sample)
ZZZZZZ	Q3928.D	07/06/07	10:42	21:35	(unrelated sample)
ZZZZZZ	Q3929.D	07/06/07	11:41	22:34	(unrelated sample)
ZZZZZZ	Q3930.D	07/06/07	12:24	23:17	(unrelated sample)

Volatile Internal Standard Area Summary

Job Number: M66023
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Check Std:	MSQ198-CC197	**Injection Date:**	06/06/07
Lab File ID:	Q3632.D	**Injection Time:**	15:26
Instrument ID:	GCMSQ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	62280	8.44	248885	10.35	227029	14.70
Upper Limit [a]	87192	8.77	348439	10.68	317841	15.03
Lower Limit [b]	37368	8.11	149331	10.02	136217	14.37

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSQ198-BS	62280	8.44	248885	10.35	227029	14.70
MSQ198-MB	47631	8.43	197069	10.35	166081	14.69
MSQ198-SCC	47631	8.43	197069	10.35	166081	14.69
M65072-1	57123	8.43	247102	10.35	209396	14.69
M65072-1DUP	57923	8.44	245281	10.35	198649	14.69
ZZZZZZ	56944	8.43	233609	10.35	176945	14.69
ZZZZZZ	62417	8.44	273946	10.36	215276	14.70
ZZZZZZ	48216	8.45	210570	10.36	175730	14.69
ZZZZZZ	40553	8.43	167759	10.36	141807	14.70
ZZZZZZ	44117	8.43	183769	10.35	144944	14.70
MSQ198-SCC	39493	8.43	168337	10.35	136474	14.69
ZZZZZZ	38569	8.43	178095	10.35	147764	14.69
ZZZZZZ	39419	8.44	178699	10.36	172913	14.69

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: M66023
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: M66023
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Check Std:	MSQ210-ICC210	**Injection Date:**	07/05/07
Lab File ID:	Q3909.D	**Injection Time:**	14:35
Instrument ID:	GCMSQ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	94184	8.64	436970	10.46	357707	14.71
Upper Limit [a]	131858	8.97	611758	10.79	500790	15.04
Lower Limit [b]	56510	8.31	262182	10.13	214624	14.38

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSQ210-BS	88212	8.64	436786	10.46	372107	14.71
MSQ210-MB	81166	8.63	366860	10.46	281870	14.71
MSQ210-SCC	81166	8.63	366860	10.46	281870	14.71
ZZZZZZ	84475	8.63	387730	10.46	344002	14.71
M66023-1	78144	8.64	329326	10.47	274857	14.71
M66023-2	75353	8.63	350414	10.46	304618	14.71
ZZZZZZ	89918	8.64	418491	10.46	334501	14.71
M66014-1DUP	84776	8.64	414502	10.46	347770	14.71
MSQ210-SCC	79440	8.63	354010	10.46	294439	14.70
MSQ210-SCC	73547	8.63	333807	10.46	271914	14.70
MSQ210-SCC	72462	8.63	315006	10.46	255252	14.71
M66014-1	72352	8.64	317910	10.46	269780	14.71
ZZZZZZ	78100	8.63	356425	10.46	295889	14.71
ZZZZZZ	69371	8.64	309688	10.46	259120	14.70
ZZZZZZ	72950	8.64	343805	10.46	299712	14.71
ZZZZZZ	64848	8.63	312210	10.46	248467	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: M66023
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	
MSQ197-IC197	Q3622.D	06/05/07 15:03	PB	4	GCMSQ	TO-15	Reporting this level
MSQ197-IC197	Q3623.D	06/05/07 15:47	PB	40	GCMSQ	TO-15	
MSQ197-IC197	Q3624.D	06/05/07 16:30	PB	20	GCMSQ	TO-15	
MSQ197-ICC197	Q3625.D	06/05/07 17:14	PB	10	GCMSQ	TO-15	
MSQ197-IC197	Q3626.D	06/05/07 17:58	PB	5	GCMSQ	TO-15	
MSQ197-IC197	Q3627.D	06/05/07 18:41	PB	2	GCMSQ	TO-15	
MSQ197-IC197	Q3628.D	06/05/07 19:25	PB	.5	GCMSQ	TO-15	
MSQ197-IC197	Q3629.D	06/05/07 20:08	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.43	ok	8.43	8.10-8.76	31813	ok	43155	25893-60417
1,4-Difluorobenzene	10.35	ok	10.35	10.02-10.68	119804	ok	182359	109415-255303
Chlorobenzene-D5	14.71	ok	14.70	14.37-15.03	107161	ok	165112	99067-231157

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66023
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	
MSQ197-IC197	Q3622.D	06/05/07 15:03	PB	4	GCMSQ	TO-15	
MSQ197-IC197	Q3623.D	06/05/07 15:47	PB	40	GCMSQ	TO-15	Reporting this level
MSQ197-IC197	Q3624.D	06/05/07 16:30	PB	20	GCMSQ	TO-15	
MSQ197-ICC197	Q3625.D	06/05/07 17:14	PB	10	GCMSQ	TO-15	
MSQ197-IC197	Q3626.D	06/05/07 17:58	PB	5	GCMSQ	TO-15	
MSQ197-IC197	Q3627.D	06/05/07 18:41	PB	2	GCMSQ	TO-15	
MSQ197-IC197	Q3628.D	06/05/07 19:25	PB	.5	GCMSQ	TO-15	
MSQ197-IC197	Q3629.D	06/05/07 20:08	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.21	8.44	0.617	ok	0.618	0.558-0.678
1,3-Butadiene	4.14	8.44	0.491	ok	0.491	0.431-0.551
Benzene	10.02	10.35	0.968	ok	0.968	0.908-1.028
Bromodichloromethane	11.02	10.35	1.065	ok	1.065	1.005-1.125
Bromoform	15.43	14.70	1.050	ok	1.049	0.989-1.109
Bromomethane	4.42	8.44	0.524	ok	0.524	0.464-0.584
Bromoethene	4.96	8.44	0.588	ok	0.589	0.529-0.649
Benzyl Chloride	17.94	14.70	1.220	ok	1.220	1.160-1.280
Carbon disulfide	6.54	8.44	0.775	ok	0.776	0.716-0.836
Chlorobenzene	14.75	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	4.60	8.44	0.545	ok	0.545	0.485-0.605
Chloroform	8.57	8.44	1.015	ok	1.016	0.956-1.076
Chloromethane	3.78	8.44	0.448	ok	0.448	0.388-0.508
3-Chloropropene	6.34	8.44	0.751	ok	0.752	0.692-0.812
2-Chlorotoluene	17.04	14.70	1.159	ok	1.159	1.099-1.219
Carbon tetrachloride	10.17	8.44	1.205	ok	1.206	1.146-1.266
Cyclohexane	10.30	10.35	0.995	ok	0.994	0.934-1.054
1,1-Dichloroethane	7.41	8.44	0.878	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.09	8.44	0.722	ok	0.722	0.662-0.782
1,2-Dibromoethane	13.58	14.70	0.924	ok	0.924	0.864-0.984
1,2-Dichloroethane	9.31	8.44	1.103	ok	1.104	1.044-1.164
1,2-Dichloropropane	10.83	10.35	1.046	ok	1.046	0.986-1.106
1,4-Dioxane	11.05	10.35	1.068	ok	1.068	1.008-1.128
Dichlorodifluoromethane	3.61	8.44	0.428	ok	0.428	0.368-0.488
Dibromochloromethane	13.33	14.70	0.907	ok	0.906	0.846-0.966
trans-1,2-Dichloroethylene	7.20	8.44	0.853	ok	0.853	0.793-0.913
cis-1,2-Dichloroethylene	8.27	8.44	0.980	ok	0.980	0.920-1.040
cis-1,3-Dichloropropene	11.90	10.35	1.150	ok	1.150	1.090-1.210
m-Dichlorobenzene	17.96	14.70	1.222	ok	1.222	1.162-1.282
o-Dichlorobenzene	18.42	14.70	1.253	ok	1.253	1.193-1.313
p-Dichlorobenzene	18.04	14.70	1.227	ok	1.227	1.167-1.287
trans-1,3-Dichloropropene	12.42	10.35	1.200	ok	1.200	1.140-1.260
Ethanol	4.70	8.44	0.557	ok	0.557	0.497-0.617
Ethylbenzene	15.13	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.48	8.44	1.005	ok	1.005	0.945-1.065
4-Ethyltoluene	17.23	14.70	1.172	ok	1.172	1.112-1.232
Freon 113	6.49	8.44	0.769	ok	0.770	0.710-0.830
Freon 114	3.88	8.44	0.460	ok	0.460	0.400-0.520
Heptane	11.33	10.35	1.095	ok	1.095	1.035-1.155
Hexachlorobutadiene	20.82	14.70	1.416	ok	1.416	1.356-1.476

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66023
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	
MSQ197-IC197	Q3622.D	06/05/07 15:03	PB	4	GCMSQ	TO-15	
MSQ197-IC197	Q3623.D	06/05/07 15:47	PB	40	GCMSQ	TO-15	Reporting this level
MSQ197-IC197	Q3624.D	06/05/07 16:30	PB	20	GCMSQ	TO-15	
MSQ197-ICC197	Q3625.D	06/05/07 17:14	PB	10	GCMSQ	TO-15	
MSQ197-IC197	Q3626.D	06/05/07 17:58	PB	5	GCMSQ	TO-15	
MSQ197-IC197	Q3627.D	06/05/07 18:41	PB	2	GCMSQ	TO-15	
MSQ197-IC197	Q3628.D	06/05/07 19:25	PB	.5	GCMSQ	TO-15	
MSQ197-IC197	Q3629.D	06/05/07 20:08	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Hexane	8.48	8.44	1.005	ok	1.005	0.945-1.065
2-Hexanone	13.12	14.70	0.893	ok	0.893	0.833-0.953
Isopropylbenzene	16.48	14.70	1.121	ok	1.121	1.061-1.181
Isopropyl Alcohol	5.47	8.44	0.648	ok	0.648	0.588-0.708
Methylene chloride	6.21	8.44	0.736	ok	0.737	0.677-0.797
Methyl ethyl ketone	7.81	8.44	0.925	ok	0.926	0.866-0.986
Methyl Isobutyl Ketone	11.93	10.35	1.153	ok	1.152	1.092-1.212
Methyl Tert Butyl Ether	7.46	8.44	0.884	ok	0.885	0.825-0.945
Nonane	16.04	14.70	1.091	ok	1.091	1.031-1.151
Pentane	5.79	8.44	0.686	ok	0.686	0.626-0.746
Propylene	3.54	8.44	0.419	ok	0.420	0.360-0.480
Styrene	15.71	14.70	1.069	ok	1.069	1.009-1.129
1,1,1-Trichloroethane	9.56	8.44	1.133	ok	1.134	1.074-1.194
1,1,2,2-Tetrachloroethane	15.83	14.70	1.077	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.61	10.35	1.218	ok	1.218	1.158-1.278
1,2,4-Trimethylbenzene	17.78	14.70	1.210	ok	1.209	1.149-1.269
1,3,5-Trimethylbenzene	17.31	14.70	1.178	ok	1.178	1.118-1.238
2,2,4-Trimethylpentane	11.09	10.35	1.071	ok	1.071	1.011-1.131
Tertiary Butyl Alcohol	6.11	8.44	0.724	ok	0.724	0.664-0.784
Tetrachloroethylene	14.04	14.70	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	8.97	8.44	1.063	ok	1.064	1.004-1.124
Toluene	12.89	10.35	1.245	ok	1.245	1.185-1.305
Trichloroethylene	11.06	10.35	1.069	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.41	8.44	0.641	ok	0.642	0.582-0.702
Vinyl chloride	4.00	8.44	0.474	ok	0.474	0.414-0.534
Vinyl Acetate	7.55	8.44	0.895	ok	0.895	0.835-0.955
m,p-Xylene	15.33	14.70	1.043	ok	1.042	0.982-1.102
o-Xylene	15.83	14.70	1.077	ok	1.077	1.017-1.137

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.44	ok	8.43	8.10-8.76	37516	ok	43155	25893-60417
1,4-Difluorobenzene	10.35	ok	10.35	10.02-10.68	170488	ok	182359	109415-255303
Chlorobenzene-D5	14.70	ok	14.70	14.37-15.03	177287	ok	165112	99067-231157

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66023
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	
MSQ197-IC197	Q3622.D	06/05/07 15:03	PB	4	GCMSQ	TO-15	
MSQ197-IC197	Q3623.D	06/05/07 15:47	PB	40	GCMSQ	TO-15	
MSQ197-IC197	Q3624.D	06/05/07 16:30	PB	20	GCMSQ	TO-15	Reporting this level
MSQ197-ICC197	Q3625.D	06/05/07 17:14	PB	10	GCMSQ	TO-15	
MSQ197-IC197	Q3626.D	06/05/07 17:58	PB	5	GCMSQ	TO-15	
MSQ197-IC197	Q3627.D	06/05/07 18:41	PB	2	GCMSQ	TO-15	
MSQ197-IC197	Q3628.D	06/05/07 19:25	PB	.5	GCMSQ	TO-15	
MSQ197-IC197	Q3629.D	06/05/07 20:08	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.21	8.43	0.618	ok	0.618	0.558-0.678
1,3-Butadiene	4.14	8.43	0.491	ok	0.491	0.431-0.551
Benzene	10.02	10.35	0.968	ok	0.968	0.908-1.028
Bromodichloromethane	11.02	10.35	1.065	ok	1.065	1.005-1.125
Bromoform	15.43	14.70	1.050	ok	1.049	0.989-1.109
Bromomethane	4.42	8.43	0.524	ok	0.524	0.464-0.584
Bromoethene	4.96	8.43	0.588	ok	0.589	0.529-0.649
Benzyl Chloride	17.94	14.70	1.220	ok	1.220	1.160-1.280
Carbon disulfide	6.54	8.43	0.776	ok	0.776	0.716-0.836
Chlorobenzene	14.74	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	4.59	8.43	0.544	ok	0.545	0.485-0.605
Chloroform	8.57	8.43	1.017	ok	1.016	0.956-1.076
Chloromethane	3.78	8.43	0.448	ok	0.448	0.388-0.508
3-Chloropropene	6.34	8.43	0.752	ok	0.752	0.692-0.812
2-Chlorotoluene	17.04	14.70	1.159	ok	1.159	1.099-1.219
Carbon tetrachloride	10.17	8.43	1.206	ok	1.206	1.146-1.266
Cyclohexane	10.29	10.35	0.994	ok	0.994	0.934-1.054
1,1-Dichloroethane	7.41	8.43	0.879	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.09	8.43	0.722	ok	0.722	0.662-0.782
1,2-Dibromoethane	13.58	14.70	0.924	ok	0.924	0.864-0.984
1,2-Dichloroethane	9.31	8.43	1.104	ok	1.104	1.044-1.164
1,2-Dichloropropane	10.83	10.35	1.046	ok	1.046	0.986-1.106
1,4-Dioxane	11.05	10.35	1.068	ok	1.068	1.008-1.128
Dichlorodifluoromethane	3.61	8.43	0.428	ok	0.428	0.368-0.488
Dibromochloromethane	13.32	14.70	0.906	ok	0.906	0.846-0.966
trans-1,2-Dichloroethylene	7.20	8.43	0.854	ok	0.853	0.793-0.913
cis-1,2-Dichloroethylene	8.26	8.43	0.980	ok	0.980	0.920-1.040
cis-1,3-Dichloropropene	11.90	10.35	1.150	ok	1.150	1.090-1.210
m-Dichlorobenzene	17.96	14.70	1.222	ok	1.222	1.162-1.282
o-Dichlorobenzene	18.42	14.70	1.253	ok	1.253	1.193-1.313
p-Dichlorobenzene	18.03	14.70	1.227	ok	1.227	1.167-1.287
trans-1,3-Dichloropropene	12.42	10.35	1.200	ok	1.200	1.140-1.260
Ethanol	4.69	8.43	0.556	ok	0.557	0.497-0.617
Ethylbenzene	15.13	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.48	8.43	1.006	ok	1.005	0.945-1.065
4-Ethyltoluene	17.23	14.70	1.172	ok	1.172	1.112-1.232
Freon 113	6.49	8.43	0.770	ok	0.770	0.710-0.830
Freon 114	3.88	8.43	0.460	ok	0.460	0.400-0.520
Heptane	11.33	10.35	1.095	ok	1.095	1.035-1.155
Hexachlorobutadiene	20.81	14.70	1.416	ok	1.416	1.356-1.476

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66023
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	
MSQ197-IC197	Q3622.D	06/05/07 15:03	PB	4	GCMSQ	TO-15	
MSQ197-IC197	Q3623.D	06/05/07 15:47	PB	40	GCMSQ	TO-15	
MSQ197-IC197	Q3624.D	06/05/07 16:30	PB	20	GCMSQ	TO-15	Reporting this level
MSQ197-ICC197	Q3625.D	06/05/07 17:14	PB	10	GCMSQ	TO-15	
MSQ197-IC197	Q3626.D	06/05/07 17:58	PB	5	GCMSQ	TO-15	
MSQ197-IC197	Q3627.D	06/05/07 18:41	PB	2	GCMSQ	TO-15	
MSQ197-IC197	Q3628.D	06/05/07 19:25	PB	.5	GCMSQ	TO-15	
MSQ197-IC197	Q3629.D	06/05/07 20:08	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Hexane	8.48	8.43	1.006	ok	1.005	0.945-1.065
2-Hexanone	13.12	14.70	0.893	ok	0.893	0.833-0.953
Isopropylbenzene	16.48	14.70	1.121	ok	1.121	1.061-1.181
Isopropyl Alcohol	5.46	8.43	0.648	ok	0.648	0.588-0.708
Methylene chloride	6.21	8.43	0.737	ok	0.737	0.677-0.797
Methyl ethyl ketone	7.81	8.43	0.926	ok	0.926	0.866-0.986
Methyl Isobutyl Ketone	11.92	10.35	1.152	ok	1.152	1.092-1.212
Methyl Tert Butyl Ether	7.46	8.43	0.885	ok	0.885	0.825-0.945
Nonane	16.04	14.70	1.091	ok	1.091	1.031-1.151
Pentane	5.79	8.43	0.687	ok	0.686	0.626-0.746
Propylene	3.54	8.43	0.420	ok	0.420	0.360-0.480
Styrene	15.71	14.70	1.069	ok	1.069	1.009-1.129
1,1,1-Trichloroethane	9.57	8.43	1.135	ok	1.134	1.074-1.194
1,1,2,2-Tetrachloroethane	15.82	14.70	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.61	10.35	1.218	ok	1.218	1.158-1.278
1,2,4-Trichlorobenzene	20.32	14.70	1.382	ok	1.383	1.323-1.443
1,2,4-Trimethylbenzene	17.78	14.70	1.210	ok	1.209	1.149-1.269
1,3,5-Trimethylbenzene	17.31	14.70	1.178	ok	1.178	1.118-1.238
2,2,4-Trimethylpentane	11.08	10.35	1.071	ok	1.071	1.011-1.131
Tertiary Butyl Alcohol	6.11	8.43	0.725	ok	0.724	0.664-0.784
Tetrachloroethylene	14.04	14.70	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	8.97	8.43	1.064	ok	1.064	1.004-1.124
Toluene	12.88	10.35	1.244	ok	1.245	1.185-1.305
Trichloroethylene	11.06	10.35	1.069	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.41	8.43	0.642	ok	0.642	0.582-0.702
Vinyl chloride	4.00	8.43	0.474	ok	0.474	0.414-0.534
Vinyl Acetate	7.55	8.43	0.896	ok	0.895	0.835-0.955
m,p-Xylene	15.33	14.70	1.043	ok	1.042	0.982-1.102
o-Xylene	15.83	14.70	1.077	ok	1.077	1.017-1.137

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.43	ok	8.43	8.10-8.76	42635	ok	43155	25893-60417
1,4-Difluorobenzene	10.35	ok	10.35	10.02-10.68	176235	ok	182359	109415-255303
Chlorobenzene-D5	14.70	ok	14.70	14.37-15.03	187505	ok	165112	99067-231157

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66023
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	
MSQ197-IC197	Q3622.D	06/05/07 15:03	PB	4	GCMSQ	TO-15	
MSQ197-IC197	Q3623.D	06/05/07 15:47	PB	40	GCMSQ	TO-15	
MSQ197-IC197	Q3624.D	06/05/07 16:30	PB	20	GCMSQ	TO-15	
MSQ197-ICC197	Q3625.D	06/05/07 17:14	PB	10	GCMSQ	TO-15	Reporting this level
MSQ197-IC197	Q3626.D	06/05/07 17:58	PB	5	GCMSQ	TO-15	
MSQ197-IC197	Q3627.D	06/05/07 18:41	PB	2	GCMSQ	TO-15	
MSQ197-IC197	Q3628.D	06/05/07 19:25	PB	.5	GCMSQ	TO-15	
MSQ197-IC197	Q3629.D	06/05/07 20:08	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.21	8.43	0.618	ok	0.618	0.558-0.678
1,3-Butadiene	4.14	8.43	0.491	ok	0.491	0.431-0.551
Benzene	10.02	10.35	0.968	ok	0.968	0.908-1.028
Bromodichloromethane	11.02	10.35	1.065	ok	1.065	1.005-1.125
Bromoform	15.42	14.70	1.049	ok	1.049	0.989-1.109
Bromomethane	4.42	8.43	0.524	ok	0.524	0.464-0.584
Bromoethene	4.96	8.43	0.588	ok	0.589	0.529-0.649
Benzyl Chloride	17.93	14.70	1.220	ok	1.220	1.160-1.280
Carbon disulfide	6.54	8.43	0.776	ok	0.776	0.716-0.836
Chlorobenzene	14.74	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	4.59	8.43	0.544	ok	0.545	0.485-0.605
Chloroform	8.56	8.43	1.015	ok	1.016	0.956-1.076
Chloromethane	3.78	8.43	0.448	ok	0.448	0.388-0.508
3-Chloropropene	6.34	8.43	0.752	ok	0.752	0.692-0.812
2-Chlorotoluene	17.03	14.70	1.159	ok	1.159	1.099-1.219
Carbon tetrachloride	10.17	8.43	1.206	ok	1.206	1.146-1.266
Cyclohexane	10.29	10.35	0.994	ok	0.994	0.934-1.054
1,1-Dichloroethane	7.41	8.43	0.879	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.08	8.43	0.721	ok	0.722	0.662-0.782
1,2-Dibromoethane	13.57	14.70	0.923	ok	0.924	0.864-0.984
1,2-Dichloroethane	9.31	8.43	1.104	ok	1.104	1.044-1.164
1,2-Dichloropropane	10.83	10.35	1.046	ok	1.046	0.986-1.106
1,4-Dioxane	11.05	10.35	1.068	ok	1.068	1.008-1.128
Dichlorodifluoromethane	3.61	8.43	0.428	ok	0.428	0.368-0.488
Dibromochloromethane	13.32	14.70	0.906	ok	0.906	0.846-0.966
trans-1,2-Dichloroethylene	7.20	8.43	0.854	ok	0.853	0.793-0.913
cis-1,2-Dichloroethylene	8.26	8.43	0.980	ok	0.980	0.920-1.040
cis-1,3-Dichloropropene	11.90	10.35	1.150	ok	1.150	1.090-1.210
m-Dichlorobenzene	17.96	14.70	1.222	ok	1.222	1.162-1.282
o-Dichlorobenzene	18.42	14.70	1.253	ok	1.253	1.193-1.313
p-Dichlorobenzene	18.03	14.70	1.227	ok	1.227	1.167-1.287
trans-1,3-Dichloropropene	12.42	10.35	1.200	ok	1.200	1.140-1.260
Ethanol	4.69	8.43	0.556	ok	0.557	0.497-0.617
Ethylbenzene	15.13	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.47	8.43	1.005	ok	1.005	0.945-1.065
4-Ethyltoluene	17.22	14.70	1.171	ok	1.172	1.112-1.232
Freon 113	6.48	8.43	0.769	ok	0.770	0.710-0.830
Freon 114	3.88	8.43	0.460	ok	0.460	0.400-0.520
Heptane	11.33	10.35	1.095	ok	1.095	1.035-1.155
Hexachlorobutadiene	20.81	14.70	1.416	ok	1.416	1.356-1.476

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66023
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	
MSQ197-IC197	Q3622.D	06/05/07 15:03	PB	4	GCMSQ	TO-15	
MSQ197-IC197	Q3623.D	06/05/07 15:47	PB	40	GCMSQ	TO-15	
MSQ197-IC197	Q3624.D	06/05/07 16:30	PB	20	GCMSQ	TO-15	
MSQ197-ICC197	Q3625.D	06/05/07 17:14	PB	10	GCMSQ	TO-15	Reporting this level
MSQ197-IC197	Q3626.D	06/05/07 17:58	PB	5	GCMSQ	TO-15	
MSQ197-IC197	Q3627.D	06/05/07 18:41	PB	2	GCMSQ	TO-15	
MSQ197-IC197	Q3628.D	06/05/07 19:25	PB	.5	GCMSQ	TO-15	
MSQ197-IC197	Q3629.D	06/05/07 20:08	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Hexane	8.47	8.43	1.005	ok	1.005	0.945-1.065
2-Hexanone	13.11	14.70	0.892	ok	0.893	0.833-0.953
Isopropylbenzene	16.48	14.70	1.121	ok	1.121	1.061-1.181
Isopropyl Alcohol	5.46	8.43	0.648	ok	0.648	0.588-0.708
Methylene chloride	6.21	8.43	0.737	ok	0.737	0.677-0.797
Methyl ethyl ketone	7.80	8.43	0.925	ok	0.926	0.866-0.986
Methyl Isobutyl Ketone	11.92	10.35	1.152	ok	1.152	1.092-1.212
Methyl Tert Butyl Ether	7.45	8.43	0.884	ok	0.885	0.825-0.945
Nonane	16.03	14.70	1.090	ok	1.091	1.031-1.151
Pentane	5.78	8.43	0.686	ok	0.686	0.626-0.746
Propylene	3.54	8.43	0.420	ok	0.420	0.360-0.480
Styrene	15.71	14.70	1.069	ok	1.069	1.009-1.129
1,1,1-Trichloroethane	9.56	8.43	1.134	ok	1.134	1.074-1.194
1,1,2,2-Tetrachloroethane	15.82	14.70	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.60	10.35	1.217	ok	1.218	1.158-1.278
1,2,4-Trichlorobenzene	20.32	14.70	1.382	ok	1.383	1.323-1.443
1,2,4-Trimethylbenzene	17.77	14.70	1.209	ok	1.209	1.149-1.269
1,3,5-Trimethylbenzene	17.31	14.70	1.178	ok	1.178	1.118-1.238
2,2,4-Trimethylpentane	11.08	10.35	1.071	ok	1.071	1.011-1.131
Tertiary Butyl Alcohol	6.10	8.43	0.724	ok	0.724	0.664-0.784
Tetrachloroethylene	14.04	14.70	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	8.97	8.43	1.064	ok	1.064	1.004-1.124
Toluene	12.88	10.35	1.244	ok	1.245	1.185-1.305
Trichloroethylene	11.06	10.35	1.069	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.41	8.43	0.642	ok	0.642	0.582-0.702
Vinyl chloride	4.00	8.43	0.474	ok	0.474	0.414-0.534
Vinyl Acetate	7.55	8.43	0.896	ok	0.895	0.835-0.955
m,p-Xylene	15.32	14.70	1.042	ok	1.042	0.982-1.102
o-Xylene	15.83	14.70	1.077	ok	1.077	1.017-1.137

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.43	ok	8.43	8.10-8.76	47153	ok	43155	25893-60417
1,4-Difluorobenzene	10.35	ok	10.35	10.02-10.68	198354	ok	182359	109415-255303
Chlorobenzene-D5	14.70	ok	14.70	14.37-15.03	180740	ok	165112	99067-231157

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66023
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	
MSQ197-IC197	Q3622.D	06/05/07 15:03	PB	4	GCMSQ	TO-15	
MSQ197-IC197	Q3623.D	06/05/07 15:47	PB	40	GCMSQ	TO-15	
MSQ197-IC197	Q3624.D	06/05/07 16:30	PB	20	GCMSQ	TO-15	
MSQ197-ICC197	Q3625.D	06/05/07 17:14	PB	10	GCMSQ	TO-15	
MSQ197-IC197	Q3626.D	06/05/07 17:58	PB	5	GCMSQ	TO-15	Reporting this level
MSQ197-IC197	Q3627.D	06/05/07 18:41	PB	2	GCMSQ	TO-15	
MSQ197-IC197	Q3628.D	06/05/07 19:25	PB	.5	GCMSQ	TO-15	
MSQ197-IC197	Q3629.D	06/05/07 20:08	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.21	8.43	0.618	ok	0.618	0.558-0.678
1,3-Butadiene	4.14	8.43	0.491	ok	0.491	0.431-0.551
Benzene	10.02	10.35	0.968	ok	0.968	0.908-1.028
Bromodichloromethane	11.02	10.35	1.065	ok	1.065	1.005-1.125
Bromoform	15.42	14.69	1.050	ok	1.049	0.989-1.109
Bromomethane	4.41	8.43	0.523	ok	0.524	0.464-0.584
Bromoethene	4.97	8.43	0.590	ok	0.589	0.529-0.649
Benzyl Chloride	17.93	14.69	1.221	ok	1.220	1.160-1.280
Carbon disulfide	6.54	8.43	0.776	ok	0.776	0.716-0.836
Chlorobenzene	14.74	14.69	1.003	ok	1.003	0.943-1.063
Chloroethane	4.59	8.43	0.544	ok	0.545	0.485-0.605
Chloroform	8.56	8.43	1.015	ok	1.016	0.956-1.076
Chloromethane	3.78	8.43	0.448	ok	0.448	0.388-0.508
3-Chloropropene	6.34	8.43	0.752	ok	0.752	0.692-0.812
2-Chlorotoluene	17.03	14.69	1.159	ok	1.159	1.099-1.219
Carbon tetrachloride	10.17	8.43	1.206	ok	1.206	1.146-1.266
Cyclohexane	10.29	10.35	0.994	ok	0.994	0.934-1.054
1,1-Dichloroethane	7.40	8.43	0.878	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.08	8.43	0.721	ok	0.722	0.662-0.782
1,2-Dibromoethane	13.57	14.69	0.924	ok	0.924	0.864-0.984
1,2-Dichloroethane	9.31	8.43	1.104	ok	1.104	1.044-1.164
1,2-Dichloropropane	10.83	10.35	1.046	ok	1.046	0.986-1.106
1,4-Dioxane	11.05	10.35	1.068	ok	1.068	1.008-1.128
Dichlorodifluoromethane	3.61	8.43	0.428	ok	0.428	0.368-0.488
Dibromochloromethane	13.32	14.69	0.907	ok	0.906	0.846-0.966
trans-1,2-Dichloroethylene	7.20	8.43	0.854	ok	0.853	0.793-0.913
cis-1,2-Dichloroethylene	8.26	8.43	0.980	ok	0.980	0.920-1.040
cis-1,3-Dichloropropene	11.90	10.35	1.150	ok	1.150	1.090-1.210
m-Dichlorobenzene	17.96	14.69	1.223	ok	1.222	1.162-1.282
o-Dichlorobenzene	18.42	14.69	1.254	ok	1.253	1.193-1.313
p-Dichlorobenzene	18.03	14.69	1.227	ok	1.227	1.167-1.287
trans-1,3-Dichloropropene	12.42	10.35	1.200	ok	1.200	1.140-1.260
Ethanol	4.70	8.43	0.558	ok	0.557	0.497-0.617
Ethylbenzene	15.13	14.69	1.030	ok	1.029	0.969-1.089
Ethyl Acetate	8.47	8.43	1.005	ok	1.005	0.945-1.065
4-Ethyltoluene	17.22	14.69	1.172	ok	1.172	1.112-1.232
Freon 113	6.49	8.43	0.770	ok	0.770	0.710-0.830
Freon 114	3.87	8.43	0.459	ok	0.460	0.400-0.520
Heptane	11.33	10.35	1.095	ok	1.095	1.035-1.155
Hexachlorobutadiene	20.81	14.69	1.417	ok	1.416	1.356-1.476

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66023
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	
MSQ197-IC197	Q3622.D	06/05/07 15:03	PB	4	GCMSQ	TO-15	
MSQ197-IC197	Q3623.D	06/05/07 15:47	PB	40	GCMSQ	TO-15	
MSQ197-IC197	Q3624.D	06/05/07 16:30	PB	20	GCMSQ	TO-15	
MSQ197-ICC197	Q3625.D	06/05/07 17:14	PB	10	GCMSQ	TO-15	
MSQ197-IC197	Q3626.D	06/05/07 17:58	PB	5	GCMSQ	TO-15	Reporting this level
MSQ197-IC197	Q3627.D	06/05/07 18:41	PB	2	GCMSQ	TO-15	
MSQ197-IC197	Q3628.D	06/05/07 19:25	PB	.5	GCMSQ	TO-15	
MSQ197-IC197	Q3629.D	06/05/07 20:08	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Hexane	8.47	8.43	1.005	ok	1.005	0.945-1.065
2-Hexanone	13.12	14.69	0.893	ok	0.893	0.833-0.953
Isopropylbenzene	16.48	14.69	1.122	ok	1.121	1.061-1.181
Isopropyl Alcohol	5.46	8.43	0.648	ok	0.648	0.588-0.708
Methylene chloride	6.21	8.43	0.737	ok	0.737	0.677-0.797
Methyl ethyl ketone	7.80	8.43	0.925	ok	0.926	0.866-0.986
Methyl Isobutyl Ketone	11.92	10.35	1.152	ok	1.152	1.092-1.212
Methyl Tert Butyl Ether	7.46	8.43	0.885	ok	0.885	0.825-0.945
Nonane	16.03	14.69	1.091	ok	1.091	1.031-1.151
Pentane	5.78	8.43	0.686	ok	0.686	0.626-0.746
Propylene	3.54	8.43	0.420	ok	0.420	0.360-0.480
Styrene	15.71	14.69	1.069	ok	1.069	1.009-1.129
1,1,1-Trichloroethane	9.56	8.43	1.134	ok	1.134	1.074-1.194
1,1,2,2-Tetrachloroethane	15.82	14.69	1.077	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.60	10.35	1.217	ok	1.218	1.158-1.278
1,2,4-Trichlorobenzene	20.32	14.69	1.383	ok	1.383	1.323-1.443
1,2,4-Trimethylbenzene	17.77	14.69	1.210	ok	1.209	1.149-1.269
1,3,5-Trimethylbenzene	17.31	14.69	1.178	ok	1.178	1.118-1.238
2,2,4-Trimethylpentane	11.08	10.35	1.071	ok	1.071	1.011-1.131
Tertiary Butyl Alcohol	6.10	8.43	0.724	ok	0.724	0.664-0.784
Tetrachloroethylene	14.03	14.69	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	8.97	8.43	1.064	ok	1.064	1.004-1.124
Toluene	12.88	10.35	1.244	ok	1.245	1.185-1.305
Trichloroethylene	11.06	10.35	1.069	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.41	8.43	0.642	ok	0.642	0.582-0.702
Vinyl chloride	4.00	8.43	0.474	ok	0.474	0.414-0.534
Vinyl Acetate	7.54	8.43	0.894	ok	0.895	0.835-0.955
m,p-Xylene	15.30	14.69	1.042	ok	1.042	0.982-1.102
o-Xylene	15.83	14.69	1.078	ok	1.077	1.017-1.137

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.43	ok	8.43	8.10-8.76	39678	ok	43155	25893-60417
1,4-Difluorobenzene	10.35	ok	10.35	10.02-10.68	168900	ok	182359	109415-255303
Chlorobenzene-D5	14.69	ok	14.70	14.37-15.03	147506	ok	165112	99067-231157

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66023
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	
MSQ197-IC197	Q3622.D	06/05/07 15:03	PB	4	GCMSQ	TO-15	
MSQ197-IC197	Q3623.D	06/05/07 15:47	PB	40	GCMSQ	TO-15	
MSQ197-IC197	Q3624.D	06/05/07 16:30	PB	20	GCMSQ	TO-15	
MSQ197-ICC197	Q3625.D	06/05/07 17:14	PB	10	GCMSQ	TO-15	
MSQ197-IC197	Q3626.D	06/05/07 17:58	PB	5	GCMSQ	TO-15	
MSQ197-IC197	Q3627.D	06/05/07 18:41	PB	2	GCMSQ	TO-15	Reporting this level
MSQ197-IC197	Q3628.D	06/05/07 19:25	PB	.5	GCMSQ	TO-15	
MSQ197-IC197	Q3629.D	06/05/07 20:08	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.21	8.43	0.618	ok	0.618	0.558-0.678
1,3-Butadiene	4.13	8.43	0.490	ok	0.491	0.431-0.551
Benzene	10.02	10.35	0.968	ok	0.968	0.908-1.028
Bromodichloromethane	11.02	10.35	1.065	ok	1.065	1.005-1.125
Bromoform	15.42	14.70	1.049	ok	1.049	0.989-1.109
Bromomethane	4.41	8.43	0.523	ok	0.524	0.464-0.584
Bromoethene	4.97	8.43	0.590	ok	0.589	0.529-0.649
Benzyl Chloride	17.93	14.70	1.220	ok	1.220	1.160-1.280
Carbon disulfide	6.54	8.43	0.776	ok	0.776	0.716-0.836
Chlorobenzene	14.74	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	4.59	8.43	0.544	ok	0.545	0.485-0.605
Chloroform	8.56	8.43	1.015	ok	1.016	0.956-1.076
Chloromethane	3.78	8.43	0.448	ok	0.448	0.388-0.508
3-Chloropropene	6.34	8.43	0.752	ok	0.752	0.692-0.812
2-Chlorotoluene	17.03	14.70	1.159	ok	1.159	1.099-1.219
Carbon tetrachloride	10.17	8.43	1.206	ok	1.206	1.146-1.266
Cyclohexane	10.29	10.35	0.994	ok	0.994	0.934-1.054
1,1-Dichloroethane	7.40	8.43	0.878	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.09	8.43	0.722	ok	0.722	0.662-0.782
1,2-Dibromoethane	13.57	14.70	0.923	ok	0.924	0.864-0.984
1,2-Dichloroethane	9.30	8.43	1.103	ok	1.104	1.044-1.164
1,2-Dichloropropane	10.82	10.35	1.045	ok	1.046	0.986-1.106
1,4-Dioxane	11.06	10.35	1.069	ok	1.068	1.008-1.128
Dichlorodifluoromethane	3.61	8.43	0.428	ok	0.428	0.368-0.488
Dibromochloromethane	13.32	14.70	0.906	ok	0.906	0.846-0.966
trans-1,2-Dichloroethylene	7.19	8.43	0.853	ok	0.853	0.793-0.913
cis-1,2-Dichloroethylene	8.26	8.43	0.980	ok	0.980	0.920-1.040
cis-1,3-Dichloropropene	11.90	10.35	1.150	ok	1.150	1.090-1.210
m-Dichlorobenzene	17.96	14.70	1.222	ok	1.222	1.162-1.282
o-Dichlorobenzene	18.42	14.70	1.253	ok	1.253	1.193-1.313
p-Dichlorobenzene	18.03	14.70	1.227	ok	1.227	1.167-1.287
trans-1,3-Dichloropropene	12.41	10.35	1.199	ok	1.200	1.140-1.260
Ethanol	4.69	8.43	0.556	ok	0.557	0.497-0.617
Ethylbenzene	15.13	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.47	8.43	1.005	ok	1.005	0.945-1.065
4-Ethyltoluene	17.22	14.70	1.171	ok	1.172	1.112-1.232
Freon 113	6.49	8.43	0.770	ok	0.770	0.710-0.830
Freon 114	3.87	8.43	0.459	ok	0.460	0.400-0.520
Heptane	11.33	10.35	1.095	ok	1.095	1.035-1.155
Hexachlorobutadiene	20.81	14.70	1.416	ok	1.416	1.356-1.476

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66023
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	
MSQ197-IC197	Q3622.D	06/05/07 15:03	PB	4	GCMSQ	TO-15	
MSQ197-IC197	Q3623.D	06/05/07 15:47	PB	40	GCMSQ	TO-15	
MSQ197-IC197	Q3624.D	06/05/07 16:30	PB	20	GCMSQ	TO-15	
MSQ197-ICC197	Q3625.D	06/05/07 17:14	PB	10	GCMSQ	TO-15	
MSQ197-IC197	Q3626.D	06/05/07 17:58	PB	5	GCMSQ	TO-15	
MSQ197-IC197	Q3627.D	06/05/07 18:41	PB	2	GCMSQ	TO-15	Reporting this level
MSQ197-IC197	Q3628.D	06/05/07 19:25	PB	.5	GCMSQ	TO-15	
MSQ197-IC197	Q3629.D	06/05/07 20:08	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Hexane	8.47	8.43	1.005	ok	1.005	0.945-1.065
2-Hexanone	13.12	14.70	0.893	ok	0.893	0.833-0.953
Isopropylbenzene	16.48	14.70	1.121	ok	1.121	1.061-1.181
Isopropyl Alcohol	5.46	8.43	0.648	ok	0.648	0.588-0.708
Methylene chloride	6.21	8.43	0.737	ok	0.737	0.677-0.797
Methyl ethyl ketone	7.81	8.43	0.926	ok	0.926	0.866-0.986
Methyl Isobutyl Ketone	11.92	10.35	1.152	ok	1.152	1.092-1.212
Methyl Tert Butyl Ether	7.46	8.43	0.885	ok	0.885	0.825-0.945
Nonane	16.03	14.70	1.090	ok	1.091	1.031-1.151
Pentane	5.79	8.43	0.687	ok	0.686	0.626-0.746
Propylene	3.54	8.43	0.420	ok	0.420	0.360-0.480
Styrene	15.71	14.70	1.069	ok	1.069	1.009-1.129
1,1,1-Trichloroethane	9.56	8.43	1.134	ok	1.134	1.074-1.194
1,1,2,2-Tetrachloroethane	15.82	14.70	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.60	10.35	1.217	ok	1.218	1.158-1.278
1,2,4-Trichlorobenzene	20.33	14.70	1.383	ok	1.383	1.323-1.443
1,2,4-Trimethylbenzene	17.77	14.70	1.209	ok	1.209	1.149-1.269
1,3,5-Trimethylbenzene	17.31	14.70	1.178	ok	1.178	1.118-1.238
2,2,4-Trimethylpentane	11.07	10.35	1.070	ok	1.071	1.011-1.131
Tertiary Butyl Alcohol	6.11	8.43	0.725	ok	0.724	0.664-0.784
Tetrachloroethylene	14.04	14.70	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	8.97	8.43	1.064	ok	1.064	1.004-1.124
Toluene	12.88	10.35	1.244	ok	1.245	1.185-1.305
Trichloroethylene	11.06	10.35	1.069	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.41	8.43	0.642	ok	0.642	0.582-0.702
Vinyl chloride	4.00	8.43	0.474	ok	0.474	0.414-0.534
Vinyl Acetate	7.54	8.43	0.894	ok	0.895	0.835-0.955
m,p-Xylene	15.31	14.70	1.041	ok	1.042	0.982-1.102
o-Xylene	15.82	14.70	1.076	ok	1.077	1.017-1.137

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.43	ok	8.43	8.10-8.76	46804	ok	43155	25893-60417
1,4-Difluorobenzene	10.35	ok	10.35	10.02-10.68	196316	ok	182359	109415-255303
Chlorobenzene-D5	14.70	ok	14.70	14.37-15.03	164393	ok	165112	99067-231157

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66023
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	
MSQ197-IC197	Q3622.D	06/05/07 15:03	PB	4	GCMSQ	TO-15	
MSQ197-IC197	Q3623.D	06/05/07 15:47	PB	40	GCMSQ	TO-15	
MSQ197-IC197	Q3624.D	06/05/07 16:30	PB	20	GCMSQ	TO-15	
MSQ197-ICC197	Q3625.D	06/05/07 17:14	PB	10	GCMSQ	TO-15	
MSQ197-IC197	Q3626.D	06/05/07 17:58	PB	5	GCMSQ	TO-15	
MSQ197-IC197	Q3627.D	06/05/07 18:41	PB	2	GCMSQ	TO-15	
MSQ197-IC197	Q3628.D	06/05/07 19:25	PB	.5	GCMSQ	TO-15	Reporting this level
MSQ197-IC197	Q3629.D	06/05/07 20:08	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.22	8.43	0.619	ok	0.618	0.558-0.678
1,3-Butadiene	4.14	8.43	0.491	ok	0.491	0.431-0.551
Benzene	10.02	10.35	0.968	ok	0.968	0.908-1.028
Bromodichloromethane	11.02	10.35	1.065	ok	1.065	1.005-1.125
Bromoform	15.42	14.69	1.050	ok	1.049	0.989-1.109
Bromomethane	4.41	8.43	0.523	ok	0.524	0.464-0.584
Bromoethene	4.96	8.43	0.588	ok	0.589	0.529-0.649
Benzyl Chloride	17.93	14.69	1.221	ok	1.220	1.160-1.280
Carbon disulfide	6.54	8.43	0.776	ok	0.776	0.716-0.836
Chlorobenzene	14.74	14.69	1.003	ok	1.003	0.943-1.063
Chloroethane	4.59	8.43	0.544	ok	0.545	0.485-0.605
Chloroform	8.56	8.43	1.015	ok	1.016	0.956-1.076
Chloromethane	3.78	8.43	0.448	ok	0.448	0.388-0.508
3-Chloropropene	6.34	8.43	0.752	ok	0.752	0.692-0.812
2-Chlorotoluene	17.02	14.69	1.159	ok	1.159	1.099-1.219
Carbon tetrachloride	10.16	8.43	1.205	ok	1.206	1.146-1.266
Cyclohexane	10.29	10.35	0.994	ok	0.994	0.934-1.054
1,1-Dichloroethane	7.40	8.43	0.878	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.09	8.43	0.722	ok	0.722	0.662-0.782
1,2-Dibromoethane	13.57	14.69	0.924	ok	0.924	0.864-0.984
1,2-Dichloroethane	9.31	8.43	1.104	ok	1.104	1.044-1.164
1,2-Dichloropropane	10.83	10.35	1.046	ok	1.046	0.986-1.106
1,4-Dioxane	11.06	10.35	1.069	ok	1.068	1.008-1.128
Dichlorodifluoromethane	3.61	8.43	0.428	ok	0.428	0.368-0.488
Dibromochloromethane	13.32	14.69	0.907	ok	0.906	0.846-0.966
trans-1,2-Dichloroethylene	7.19	8.43	0.853	ok	0.853	0.793-0.913
cis-1,2-Dichloroethylene	8.27	8.43	0.981	ok	0.980	0.920-1.040
cis-1,3-Dichloropropene	11.90	10.35	1.150	ok	1.150	1.090-1.210
m-Dichlorobenzene	17.96	14.69	1.223	ok	1.222	1.162-1.282
o-Dichlorobenzene	18.42	14.69	1.254	ok	1.253	1.193-1.313
p-Dichlorobenzene	18.03	14.69	1.227	ok	1.227	1.167-1.287
trans-1,3-Dichloropropene	12.42	10.35	1.200	ok	1.200	1.140-1.260
Ethanol	4.69	8.43	0.556	ok	0.557	0.497-0.617
Ethylbenzene	15.13	14.69	1.030	ok	1.029	0.969-1.089
Ethyl Acetate	8.48	8.43	1.006	ok	1.005	0.945-1.065
4-Ethyltoluene	17.22	14.69	1.172	ok	1.172	1.112-1.232
Freon 113	6.49	8.43	0.770	ok	0.770	0.710-0.830
Freon 114	3.88	8.43	0.460	ok	0.460	0.400-0.520
Heptane	11.33	10.35	1.095	ok	1.095	1.035-1.155
Hexachlorobutadiene	20.82	14.69	1.417	ok	1.416	1.356-1.476

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66023
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	
MSQ197-IC197	Q3622.D	06/05/07 15:03	PB	4	GCMSQ	TO-15	
MSQ197-IC197	Q3623.D	06/05/07 15:47	PB	40	GCMSQ	TO-15	
MSQ197-IC197	Q3624.D	06/05/07 16:30	PB	20	GCMSQ	TO-15	
MSQ197-ICC197	Q3625.D	06/05/07 17:14	PB	10	GCMSQ	TO-15	
MSQ197-IC197	Q3626.D	06/05/07 17:58	PB	5	GCMSQ	TO-15	
MSQ197-IC197	Q3627.D	06/05/07 18:41	PB	2	GCMSQ	TO-15	
MSQ197-IC197	Q3628.D	06/05/07 19:25	PB	.5	GCMSQ	TO-15	Reporting this level
MSQ197-IC197	Q3629.D	06/05/07 20:08	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Hexane	8.47	8.43	1.005	ok	1.005	0.945-1.065
2-Hexanone	13.13	14.69	0.894	ok	0.893	0.833-0.953
Isopropylbenzene	16.48	14.69	1.122	ok	1.121	1.061-1.181
Isopropyl Alcohol	5.47	8.43	0.649	ok	0.648	0.588-0.708
Methylene chloride	6.21	8.43	0.737	ok	0.737	0.677-0.797
Methyl ethyl ketone	7.81	8.43	0.926	ok	0.926	0.866-0.986
Methyl Isobutyl Ketone	11.93	10.35	1.153	ok	1.152	1.092-1.212
Methyl Tert Butyl Ether	7.47	8.43	0.886	ok	0.885	0.825-0.945
Nonane	16.03	14.69	1.091	ok	1.091	1.031-1.151
Pentane	5.78	8.43	0.686	ok	0.686	0.626-0.746
Propylene	3.54	8.43	0.420	ok	0.420	0.360-0.480
Styrene	15.70	14.69	1.069	ok	1.069	1.009-1.129
1,1,1-Trichloroethane	9.55	8.43	1.133	ok	1.134	1.074-1.194
1,1,2,2-Tetrachloroethane	15.81	14.69	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.60	10.35	1.217	ok	1.218	1.158-1.278
1,2,4-Trichlorobenzene	20.33	14.69	1.384	ok	1.383	1.323-1.443
1,2,4-Trimethylbenzene	17.78	14.69	1.210	ok	1.209	1.149-1.269
1,3,5-Trimethylbenzene	17.31	14.69	1.178	ok	1.178	1.118-1.238
2,2,4-Trimethylpentane	11.08	10.35	1.071	ok	1.071	1.011-1.131
Tertiary Butyl Alcohol	6.12	8.43	0.726	ok	0.724	0.664-0.784
Tetrachloroethylene	14.03	14.69	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	8.98	8.43	1.065	ok	1.064	1.004-1.124
Toluene	12.88	10.35	1.244	ok	1.245	1.185-1.305
Trichloroethylene	11.05	10.35	1.068	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.41	8.43	0.642	ok	0.642	0.582-0.702
Vinyl chloride	4.00	8.43	0.474	ok	0.474	0.414-0.534
Vinyl Acetate	7.55	8.43	0.896	ok	0.895	0.835-0.955
m,p-Xylene	15.33	14.69	1.044	ok	1.042	0.982-1.102
o-Xylene	15.83	14.69	1.078	ok	1.077	1.017-1.137

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.43	ok	8.43	8.10-8.76	48570	ok	43155	25893-60417
1,4-Difluorobenzene	10.35	ok	10.35	10.02-10.68	205818	ok	182359	109415-255303
Chlorobenzene-D5	14.69	ok	14.70	14.37-15.03	169653	ok	165112	99067-231157

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66023
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	
MSQ197-IC197	Q3622.D	06/05/07 15:03	PB	4	GCMSQ	TO-15	
MSQ197-IC197	Q3623.D	06/05/07 15:47	PB	40	GCMSQ	TO-15	
MSQ197-IC197	Q3624.D	06/05/07 16:30	PB	20	GCMSQ	TO-15	
MSQ197-ICC197	Q3625.D	06/05/07 17:14	PB	10	GCMSQ	TO-15	
MSQ197-IC197	Q3626.D	06/05/07 17:58	PB	5	GCMSQ	TO-15	
MSQ197-IC197	Q3627.D	06/05/07 18:41	PB	2	GCMSQ	TO-15	
MSQ197-IC197	Q3628.D	06/05/07 19:25	PB	.5	GCMSQ	TO-15	
MSQ197-IC197	Q3629.D	06/05/07 20:08	PB	.2	GCMSQ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Chloroethane	4.59	8.43	0.544	ok	0.545	0.485-0.605
Chloroform	8.56	8.43	1.015	ok	1.016	0.956-1.076
Chloromethane	3.78	8.43	0.448	ok	0.448	0.388-0.508
Carbon tetrachloride	10.16	8.43	1.205	ok	1.206	1.146-1.266
1,1-Dichloroethane	7.41	8.43	0.879	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.09	8.43	0.722	ok	0.722	0.662-0.782
1,2-Dichloroethane	9.31	8.43	1.104	ok	1.104	1.044-1.164
trans-1,2-Dichloroethylene	7.19	8.43	0.853	ok	0.853	0.793-0.913
cis-1,2-Dichloroethylene	8.26	8.43	0.980	ok	0.980	0.920-1.040
Methylene chloride	6.21	8.43	0.737	ok	0.737	0.677-0.797
1,1,1-Trichloroethane	9.55	8.43	1.133	ok	1.134	1.074-1.194
1,1,2,2-Tetrachloroethane	15.82	14.69	1.077	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.59	10.35	1.216	ok	1.218	1.158-1.278
Tetrachloroethylene	14.03	14.69	0.955	ok	0.955	0.895-1.015
Toluene	12.88	10.35	1.244	ok	1.245	1.185-1.305
Trichloroethylene	11.05	10.35	1.068	ok	1.068	1.008-1.128
Vinyl chloride	4.00	8.43	0.474	ok	0.474	0.414-0.534
m,p-Xylene	15.30	14.69	1.042	ok	1.042	0.982-1.102
o-Xylene	15.83	14.69	1.078	ok	1.077	1.017-1.137

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.43	ok	8.43	8.10-8.76	51070	ok	43155	25893-60417
1,4-Difluorobenzene	10.35	ok	10.35	10.02-10.68	222957	ok	182359	109415-255303
Chlorobenzene-D5	14.69	ok	14.70	14.37-15.03	186647	ok	165112	99067-231157

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66023
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: M66023
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: M66023
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: M66023
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: M66023
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: M66023
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: M66023
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: M66023
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: M66023
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: M66023
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: M66023
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: M66023
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: M66023
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: M66023
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: M66023
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	
MSQ210-IC210	Q3907.D	07/05/07 13:07	PB	40	GCMSQ	TO-15	Reporting this level
MSQ210-IC210	Q3908.D	07/05/07 13:51	PB	20	GCMSQ	TO-15	
MSQ210-ICC210	Q3909.D	07/05/07 14:35	PB	10	GCMSQ	TO-15	
MSQ210-IC210	Q3910.D	07/05/07 15:17	PB	5	GCMSQ	TO-15	
MSQ210-IC210	Q3911.D	07/05/07 16:00	PB	2	GCMSQ	TO-15	
MSQ210-IC210	Q3912.D	07/05/07 16:44	PB	.5	GCMSQ	TO-15	
MSQ210-IC210	Q3913.D	07/05/07 17:27	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	0.560	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	0.795	0.735-0.855
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	8.76	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	7.66	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	13.61	14.71	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.47	8.63	1.097	ok	1.097	1.037-1.157
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	1.065	1.005-1.125
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	1.144	1.084-1.204
m-Dichlorobenzene	17.94	14.71	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.41	14.71	1.252	ok	1.251	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	1.191	1.131-1.251
Ethanol	5.09	8.63	0.590	ok	0.590	0.530-0.650
Ethylbenzene	15.14	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	0.498	0.438-0.558
Heptane	11.41	10.47	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: M66023
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	
MSQ210-IC210	Q3907.D	07/05/07 13:07	PB	40	GCMSQ	TO-15	Reporting this level
MSQ210-IC210	Q3908.D	07/05/07 13:51	PB	20	GCMSQ	TO-15	
MSQ210-ICC210	Q3909.D	07/05/07 14:35	PB	10	GCMSQ	TO-15	
MSQ210-IC210	Q3910.D	07/05/07 15:17	PB	5	GCMSQ	TO-15	
MSQ210-IC210	Q3911.D	07/05/07 16:00	PB	2	GCMSQ	TO-15	
MSQ210-IC210	Q3912.D	07/05/07 16:44	PB	.5	GCMSQ	TO-15	
MSQ210-IC210	Q3913.D	07/05/07 17:27	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	0.676	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	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.82	14.71	1.075	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.65	10.47	1.208	ok	1.209	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	10.47	1.067	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	1.059	0.999-1.119
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	0.903	0.843-0.963
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	8.63	8.30-8.96	99860	ok	91688	55013-128363
1,4-Difluorobenzene	10.47	ok	10.46	10.13-10.79	406621	ok	412927	247756-578098
Chlorobenzene-D5	14.71	ok	14.71	14.38-15.04	373200	ok	344419	206651-482187

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66023
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	
MSQ210-IC210	Q3907.D	07/05/07 13:07	PB	40	GCMSQ	TO-15	
MSQ210-IC210	Q3908.D	07/05/07 13:51	PB	20	GCMSQ	TO-15	Reporting this level
MSQ210-ICC210	Q3909.D	07/05/07 14:35	PB	10	GCMSQ	TO-15	
MSQ210-IC210	Q3910.D	07/05/07 15:17	PB	5	GCMSQ	TO-15	
MSQ210-IC210	Q3911.D	07/05/07 16:00	PB	2	GCMSQ	TO-15	
MSQ210-IC210	Q3912.D	07/05/07 16:44	PB	.5	GCMSQ	TO-15	
MSQ210-IC210	Q3913.D	07/05/07 17:27	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	6.86	8.63	0.795	ok	0.795	0.735-0.855
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	8.76	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	10.46	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	9.47	8.63	1.097	ok	1.097	1.037-1.157
1,2-Dichloropropane	10.92	10.46	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.13	10.46	1.064	ok	1.065	1.005-1.125
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	1.144	1.084-1.204
m-Dichlorobenzene	17.94	14.71	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.40	14.71	1.251	ok	1.251	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	1.191	1.131-1.251
Ethanol	5.10	8.63	0.591	ok	0.590	0.530-0.650
Ethylbenzene	15.13	14.71	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.67	8.63	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	0.498	0.438-0.558
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: M66023
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	
MSQ210-IC210	Q3907.D	07/05/07 13:07	PB	40	GCMSQ	TO-15	
MSQ210-IC210	Q3908.D	07/05/07 13:51	PB	20	GCMSQ	TO-15	Reporting this level
MSQ210-ICC210	Q3909.D	07/05/07 14:35	PB	10	GCMSQ	TO-15	
MSQ210-IC210	Q3910.D	07/05/07 15:17	PB	5	GCMSQ	TO-15	
MSQ210-IC210	Q3911.D	07/05/07 16:00	PB	2	GCMSQ	TO-15	
MSQ210-IC210	Q3912.D	07/05/07 16:44	PB	.5	GCMSQ	TO-15	
MSQ210-IC210	Q3913.D	07/05/07 17:27	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	0.676	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	10.46	1.145	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	1.125	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	17.76	14.71	1.207	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.30	14.71	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.17	10.46	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.42	8.63	0.744	ok	0.746	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	1.059	0.999-1.119
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	0.903	0.843-0.963
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	8.63	8.30-8.96	92534	ok	91688	55013-128363
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	435167	ok	412927	247756-578098
Chlorobenzene-D5	14.71	ok	14.71	14.38-15.04	371736	ok	344419	206651-482187

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66023
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	
MSQ210-IC210	Q3907.D	07/05/07 13:07	PB	40	GCMSQ	TO-15	
MSQ210-IC210	Q3908.D	07/05/07 13:51	PB	20	GCMSQ	TO-15	
MSQ210-ICC210	Q3909.D	07/05/07 14:35	PB	10	GCMSQ	TO-15	Reporting this level
MSQ210-IC210	Q3910.D	07/05/07 15:17	PB	5	GCMSQ	TO-15	
MSQ210-IC210	Q3911.D	07/05/07 16:00	PB	2	GCMSQ	TO-15	
MSQ210-IC210	Q3912.D	07/05/07 16:44	PB	.5	GCMSQ	TO-15	
MSQ210-IC210	Q3913.D	07/05/07 17:27	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	15.42	14.71	1.048	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	0.795	0.735-0.855
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	8.75	8.64	1.013	ok	1.014	0.954-1.074
Chloromethane	4.21	8.64	0.487	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	6.42	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	1.097	1.037-1.157
1,2-Dichloropropane	10.92	10.46	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.14	10.46	1.065	ok	1.065	1.005-1.125
Dichlorodifluoromethane	4.04	8.64	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	8.64	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	11.97	10.46	1.144	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.94	14.71	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.40	14.71	1.251	ok	1.251	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	1.191	1.131-1.251
Ethanol	5.10	8.64	0.590	ok	0.590	0.530-0.650
Ethylbenzene	15.13	14.71	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.67	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	0.498	0.438-0.558
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: M66023
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	
MSQ210-IC210	Q3907.D	07/05/07 13:07	PB	40	GCMSQ	TO-15	
MSQ210-IC210	Q3908.D	07/05/07 13:51	PB	20	GCMSQ	TO-15	
MSQ210-ICC210	Q3909.D	07/05/07 14:35	PB	10	GCMSQ	TO-15	Reporting this level
MSQ210-IC210	Q3910.D	07/05/07 15:17	PB	5	GCMSQ	TO-15	
MSQ210-IC210	Q3911.D	07/05/07 16:00	PB	2	GCMSQ	TO-15	
MSQ210-IC210	Q3912.D	07/05/07 16:44	PB	.5	GCMSQ	TO-15	
MSQ210-IC210	Q3913.D	07/05/07 17:27	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	0.676	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	15.70	14.71	1.067	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	14.71	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	11.17	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	1.059	0.999-1.119
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	0.903	0.843-0.963
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	8.64	ok	8.63	8.30-8.96	94184	ok	91688	55013-128363
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	436970	ok	412927	247756-578098
Chlorobenzene-D5	14.71	ok	14.71	14.38-15.04	357707	ok	344419	206651-482187

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66023
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	
MSQ210-IC210	Q3907.D	07/05/07 13:07	PB	40	GCMSQ	TO-15	
MSQ210-IC210	Q3908.D	07/05/07 13:51	PB	20	GCMSQ	TO-15	
MSQ210-ICC210	Q3909.D	07/05/07 14:35	PB	10	GCMSQ	TO-15	
MSQ210-IC210	Q3910.D	07/05/07 15:17	PB	5	GCMSQ	TO-15	Reporting this level
MSQ210-IC210	Q3911.D	07/05/07 16:00	PB	2	GCMSQ	TO-15	
MSQ210-IC210	Q3912.D	07/05/07 16:44	PB	.5	GCMSQ	TO-15	
MSQ210-IC210	Q3913.D	07/05/07 17:27	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	15.42	14.71	1.048	ok	1.049	0.989-1.109
Bromomethane	4.84	8.64	0.560	ok	0.560	0.500-0.620
Bromoethene	5.37	8.64	0.622	ok	0.622	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	0.795	0.735-0.855
Chlorobenzene	14.75	14.71	1.003	ok	1.003	0.943-1.063
Chloroethane	5.00	8.64	0.579	ok	0.580	0.520-0.640
Chloroform	8.76	8.64	1.014	ok	1.014	0.954-1.074
Chloromethane	4.19	8.64	0.485	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	6.42	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	1.097	1.037-1.157
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	1.065	1.005-1.125
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	7.46	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	10.46	1.144	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.94	14.71	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.40	14.71	1.251	ok	1.251	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	1.191	1.131-1.251
Ethanol	5.11	8.64	0.591	ok	0.590	0.530-0.650
Ethylbenzene	15.13	14.71	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.66	8.64	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	4.29	8.64	0.497	ok	0.498	0.438-0.558
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: M66023
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	
MSQ210-IC210	Q3907.D	07/05/07 13:07	PB	40	GCMSQ	TO-15	
MSQ210-IC210	Q3908.D	07/05/07 13:51	PB	20	GCMSQ	TO-15	
MSQ210-ICC210	Q3909.D	07/05/07 14:35	PB	10	GCMSQ	TO-15	
MSQ210-IC210	Q3910.D	07/05/07 15:17	PB	5	GCMSQ	TO-15	Reporting this level
MSQ210-IC210	Q3911.D	07/05/07 16:00	PB	2	GCMSQ	TO-15	
MSQ210-IC210	Q3912.D	07/05/07 16:44	PB	.5	GCMSQ	TO-15	
MSQ210-IC210	Q3913.D	07/05/07 17:27	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	8.64	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	6.15	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	1.125	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	17.76	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	1.068	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	9.14	8.64	1.058	ok	1.059	0.999-1.119
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	0.903	0.843-0.963
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	8.64	ok	8.63	8.30-8.96	106527	ok	91688	55013-128363
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	482070	ok	412927	247756-578098
Chlorobenzene-D5	14.71	ok	14.71	14.38-15.04	385555	ok	344419	206651-482187

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66023
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	
MSQ210-IC210	Q3907.D	07/05/07 13:07	PB	40	GCMSQ	TO-15	
MSQ210-IC210	Q3908.D	07/05/07 13:51	PB	20	GCMSQ	TO-15	
MSQ210-ICC210	Q3909.D	07/05/07 14:35	PB	10	GCMSQ	TO-15	
MSQ210-IC210	Q3910.D	07/05/07 15:17	PB	5	GCMSQ	TO-15	
MSQ210-IC210	Q3911.D	07/05/07 16:00	PB	2	GCMSQ	TO-15	Reporting this level
MSQ210-IC210	Q3912.D	07/05/07 16:44	PB	.5	GCMSQ	TO-15	
MSQ210-IC210	Q3913.D	07/05/07 17:27	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	11.11	10.46	1.062	ok	1.062	1.002-1.122
Bromoform	15.42	14.70	1.049	ok	1.049	0.989-1.109
Bromomethane	4.83	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	14.70	1.219	ok	1.218	1.158-1.278
Carbon disulfide	6.86	8.63	0.795	ok	0.795	0.735-0.855
Chlorobenzene	14.75	14.70	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	4.21	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	14.70	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	0.888	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	14.70	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.63	1.096	ok	1.097	1.037-1.157
1,2-Dichloropropane	10.92	10.46	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.14	10.46	1.065	ok	1.065	1.005-1.125
Dichlorodifluoromethane	4.03	8.63	0.467	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	8.48	8.63	0.983	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.96	10.46	1.143	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.94	14.70	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.40	14.70	1.252	ok	1.251	1.191-1.311
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	5.10	8.63	0.591	ok	0.590	0.530-0.650
Ethylbenzene	15.13	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.67	8.63	1.005	ok	1.004	0.944-1.064
4-Ethyltoluene	17.21	14.70	1.171	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	0.498	0.438-0.558
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	8.67	8.63	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66023
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	
MSQ210-IC210	Q3907.D	07/05/07 13:07	PB	40	GCMSQ	TO-15	
MSQ210-IC210	Q3908.D	07/05/07 13:51	PB	20	GCMSQ	TO-15	
MSQ210-ICC210	Q3909.D	07/05/07 14:35	PB	10	GCMSQ	TO-15	
MSQ210-IC210	Q3910.D	07/05/07 15:17	PB	5	GCMSQ	TO-15	
MSQ210-IC210	Q3911.D	07/05/07 16:00	PB	2	GCMSQ	TO-15	Reporting this level
MSQ210-IC210	Q3912.D	07/05/07 16:44	PB	.5	GCMSQ	TO-15	
MSQ210-IC210	Q3913.D	07/05/07 17:27	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	14.70	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	5.84	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	8.04	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	7.72	8.63	0.895	ok	0.894	0.834-0.954
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	15.71	14.70	1.069	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	11.17	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	14.05	14.70	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.15	8.63	1.060	ok	1.059	0.999-1.119
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	8.63	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	0.903	0.843-0.963
m,p-Xylene	15.30	14.70	1.041	ok	1.042	0.982-1.102
o-Xylene	15.82	14.70	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.63	8.30-8.96	86441	ok	91688	55013-128363
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	392657	ok	412927	247756-578098
Chlorobenzene-D5	14.70	ok	14.71	14.38-15.04	321967	ok	344419	206651-482187

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66023
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	
MSQ210-IC210	Q3907.D	07/05/07 13:07	PB	40	GCMSQ	TO-15	
MSQ210-IC210	Q3908.D	07/05/07 13:51	PB	20	GCMSQ	TO-15	
MSQ210-ICC210	Q3909.D	07/05/07 14:35	PB	10	GCMSQ	TO-15	
MSQ210-IC210	Q3910.D	07/05/07 15:17	PB	5	GCMSQ	TO-15	
MSQ210-IC210	Q3911.D	07/05/07 16:00	PB	2	GCMSQ	TO-15	
MSQ210-IC210	Q3912.D	07/05/07 16:44	PB	.5	GCMSQ	TO-15	Reporting this level
MSQ210-IC210	Q3913.D	07/05/07 17:27	PB	.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.62	8.63	0.651	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	15.42	14.71	1.048	ok	1.049	0.989-1.109
Bromomethane	4.83	8.63	0.560	ok	0.560	0.500-0.620
Bromoethene	5.37	8.63	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.93	14.71	1.219	ok	1.218	1.158-1.278
Carbon disulfide	6.86	8.63	0.795	ok	0.795	0.735-0.855
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	4.20	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	17.03	14.71	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	7.67	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	9.47	8.63	1.097	ok	1.097	1.037-1.157
1,2-Dichloropropane	10.93	10.46	1.045	ok	1.044	0.984-1.104
1,4-Dioxane	11.16	10.46	1.067	ok	1.065	1.005-1.125
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	1.144	1.084-1.204
m-Dichlorobenzene	17.95	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	18.01	14.71	1.224	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	0.590	0.530-0.650
Ethylbenzene	15.12	14.71	1.028	ok	1.029	0.969-1.089
Ethyl Acetate	8.68	8.63	1.006	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	8.63	0.789	ok	0.788	0.728-0.848
Freon 114	4.30	8.63	0.498	ok	0.498	0.438-0.558
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	8.66	8.63	1.003	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66023
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	
MSQ210-IC210	Q3907.D	07/05/07 13:07	PB	40	GCMSQ	TO-15	
MSQ210-IC210	Q3908.D	07/05/07 13:51	PB	20	GCMSQ	TO-15	
MSQ210-ICC210	Q3909.D	07/05/07 14:35	PB	10	GCMSQ	TO-15	
MSQ210-IC210	Q3910.D	07/05/07 15:17	PB	5	GCMSQ	TO-15	
MSQ210-IC210	Q3911.D	07/05/07 16:00	PB	2	GCMSQ	TO-15	
MSQ210-IC210	Q3912.D	07/05/07 16:44	PB	.5	GCMSQ	TO-15	Reporting this level
MSQ210-IC210	Q3913.D	07/05/07 17:27	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	0.895	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	0.676	0.616-0.736
Methylene chloride	6.53	8.63	0.757	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	12.00	10.46	1.147	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	6.13	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	9.71	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	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.46	8.63	0.749	ok	0.746	0.686-0.806
Tetrachloroethylene	14.05	14.71	0.955	ok	0.956	0.896-1.016
Tetrahydrofuran	9.15	8.63	1.060	ok	1.059	0.999-1.119
Toluene	12.92	10.46	1.235	ok	1.236	1.176-1.296
Trichloroethylene	11.15	10.46	1.066	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.78	8.63	0.670	ok	0.670	0.610-0.730
Vinyl chloride	4.42	8.63	0.512	ok	0.512	0.452-0.572
Vinyl Acetate	7.79	8.63	0.903	ok	0.903	0.843-0.963
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	86728	ok	91688	55013-128363
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	393881	ok	412927	247756-578098
Chlorobenzene-D5	14.71	ok	14.71	14.38-15.04	315880	ok	344419	206651-482187

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66023
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	
MSQ210-IC210	Q3907.D	07/05/07 13:07	PB	40	GCMSQ	TO-15	
MSQ210-IC210	Q3908.D	07/05/07 13:51	PB	20	GCMSQ	TO-15	
MSQ210-ICC210	Q3909.D	07/05/07 14:35	PB	10	GCMSQ	TO-15	
MSQ210-IC210	Q3910.D	07/05/07 15:17	PB	5	GCMSQ	TO-15	
MSQ210-IC210	Q3911.D	07/05/07 16:00	PB	2	GCMSQ	TO-15	
MSQ210-IC210	Q3912.D	07/05/07 16:44	PB	.5	GCMSQ	TO-15	
MSQ210-IC210	Q3913.D	07/05/07 17:27	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	5.62	8.63	0.651	ok	0.649	0.589-0.709
1,3-Butadiene	4.54	8.63	0.526	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	15.42	14.71	1.048	ok	1.049	0.989-1.109
Bromomethane	4.83	8.63	0.560	ok	0.560	0.500-0.620
Bromoethene	5.36	8.63	0.621	ok	0.622	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	0.795	0.735-0.855
Chlorobenzene	14.76	14.71	1.003	ok	1.003	0.943-1.063
Chloroethane	4.99	8.63	0.578	ok	0.580	0.520-0.640
Chloroform	8.75	8.63	1.014	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	17.01	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	7.67	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	9.47	8.63	1.097	ok	1.097	1.037-1.157
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	1.065	1.005-1.125
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	8.46	8.63	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.96	10.46	1.143	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.93	14.71	1.219	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.40	14.71	1.251	ok	1.251	1.191-1.311
p-Dichlorobenzene	18.01	14.71	1.224	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.45	10.46	1.190	ok	1.191	1.131-1.251
Ethanol	5.07	8.63	0.587	ok	0.590	0.530-0.650
Ethylbenzene	15.14	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	0.498	0.438-0.558
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	8.68	8.63	1.006	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66023
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	
MSQ210-IC210	Q3907.D	07/05/07 13:07	PB	40	GCMSQ	TO-15	
MSQ210-IC210	Q3908.D	07/05/07 13:51	PB	20	GCMSQ	TO-15	
MSQ210-ICC210	Q3909.D	07/05/07 14:35	PB	10	GCMSQ	TO-15	
MSQ210-IC210	Q3910.D	07/05/07 15:17	PB	5	GCMSQ	TO-15	
MSQ210-IC210	Q3911.D	07/05/07 16:00	PB	2	GCMSQ	TO-15	
MSQ210-IC210	Q3912.D	07/05/07 16:44	PB	.5	GCMSQ	TO-15	
MSQ210-IC210	Q3913.D	07/05/07 17:27	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	13.18	14.71	0.896	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	0.676	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	12.00	10.46	1.147	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	3.97	8.63	0.460	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	15.82	14.71	1.075	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.63	10.46	1.207	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	17.77	14.71	1.208	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	11.18	10.46	1.069	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	9.16	8.63	1.061	ok	1.059	0.999-1.119
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	8.63	0.671	ok	0.670	0.610-0.730
Vinyl chloride	4.41	8.63	0.511	ok	0.512	0.452-0.572
Vinyl Acetate	7.80	8.63	0.904	ok	0.903	0.843-0.963
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	75541	ok	91688	55013-128363
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	343124	ok	412927	247756-578098
Chlorobenzene-D5	14.71	ok	14.71	14.38-15.04	284891	ok	344419	206651-482187

Volatile Surrogate Recovery Summary

Job Number: M66023
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
M66023-1	Q3917.D	79.0
M66023-2	Q3918.D	90.0
M66014-1DUP	Q3921.D	80.0
MSQ198-SCC	Q3642.D	79.0
MSQ204-SCC	Q3813.D	84.0
MSQ210-BS	Q3914A.D	106.0
MSQ210-MB	Q3915.D	76.0
MSQ198-BS	Q3632A.D	108.0
MSQ198-MB	Q3633.D	85.0
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: M66023 **Sample:** MSQ197-ICC197
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3625.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Response Factor Report MAMSQ

Method : C:\msdchem\1\METHODS\Q060507T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Wed Jun 06 14:52:22 2007
Response via : Initial Calibration

Calibration Files
.2 =Q3629.D .5 =Q3628.D 2 =Q3627.D
5 =Q3626.D 10 =Q3625.D 20 =Q3624.D 40 =Q3623.D

Compound	.2	.5	2	5	10	20	40	Avg	%RSD
1) I BROMOCHLOROMETHANE	----------ISTD----------								
2)m DICHLORODIFLUOROM		0.821	1.039	1.259	1.526	1.573	1.083	1.217 E1	24.11
3)m PROPYLENE		0.892	1.148	1.479	1.230	1.407	1.244	1.233	16.79
4)m FREON 114		0.596	0.800	0.947	1.138	1.281	0.959	0.953 E1	25.38
5)m CHLOROMETHANE	1.216	1.282	1.650	1.898	1.904	2.026	1.669	1.664	18.86
6)m VINYL CHLORIDE	1.532	1.228	1.783	1.877	2.284	2.541	1.917	1.880	23.34
7)m 1,3-BUTADIENE		1.722	1.971	2.090	2.303	2.552	2.392	2.172	13.94
8)m BROMOMETHANE		1.795	2.084	2.327	3.168	3.492	2.426	2.549	25.55
9)m CHLOROETHANE	0.591	0.582	0.798	0.865	0.985	1.127	0.905	0.836	23.84
10)m TRICHLOROFLUOROME		1.165	1.470	1.507	1.642	1.809	1.519	1.519 E1	14.03
11)m ISOPROPYL ALCOHOL		4.001	3.996	4.405	4.435	4.904	4.508	4.375	7.82
12)m ACETONE		5.287	4.907	4.999	5.138	5.767	5.518	5.269	6.19
13)m PENTANE		2.178	2.441	2.386	2.405	2.588	2.521	2.420	5.81
14)m 1,1-DICHLOROETHYL	2.494	2.449	2.891	3.167	2.992	3.248	2.960	2.886	10.70
15)m CARBON DISULFIDE		5.872	7.942	8.369	7.308	8.402	8.018	7.652	12.51
16)m ETHANOL		0.537	0.550	0.551	0.628	0.714	0.647	0.605	11.62
17)m BROMOETHENE		2.084	2.371	2.420	3.463	3.469	2.719	2.754	21.32
18)m METHYLENE CHLORID	6.330	4.823	2.874	2.971	2.490	2.870	2.349	3.529	41.96
----- Quadratic regression ----- Coefficient = 0.9962									
Response Ratio = -0.01215 + 3.08646 *A + -0.18038 *A^2									
19)m 3-CHLOROPROPENE		3.385	3.734	3.735	3.180	3.910	3.873	3.636	7.98
20)m FREON 113		0.766	0.931	0.974	0.859	1.074	0.910	0.919 E1	11.33
21)m TRANS-1,2-DICHLOR	2.457	2.408	3.354	3.519	2.901	3.315	3.139	3.013	14.63
22)m TERTIARY BUTYL AL		4.898	5.668	6.124	5.576	6.414	6.178	5.810	9.44
23)m METHYL TERTIARY B		7.029	4.584	8.706	7.071	7.951	8.245	7.264	20.22
24)m TETRAHYDROFURAN		0.870	1.445	1.625	1.529	1.755	2.156	1.564	26.94
25)m HEXANE		1.550	1.741	1.897	1.673	1.871	2.395	1.854	15.86
26)m VINYL ACETATE		5.804	4.213	7.397	6.091	7.021	7.776	6.384	20.43
27)m 1,1-DICHLOROETHAN	4.706	4.742	3.523	6.153	4.952	5.539	5.817	5.062	17.29
28)m METHYL ETHYL KETO		2.961	3.639	3.965	3.385	3.796	4.829	3.763	16.73
29)m cis-1,2-DICHLOROE	0.862	0.976	1.343	1.432	1.291	1.477	1.809	1.313	24.20
30)m ETHYL ACETATE		4.692	5.769	6.234	5.462	6.303	8.127	6.098	18.94
31)m CHLOROFORM	4.742	4.731	5.329	5.307	4.606	5.287	6.379	5.197	11.68
32)m 1,1,1-TRICHLOROET	4.822	5.088	6.322	6.621	5.847	6.522	7.926	6.164	16.92
33)m CARBON TETRACHLOR	0.617	0.650	0.769	0.821	0.717	0.836	1.038	0.778 E1	18.09
34)m 1,2-DICHLOROETHAN	3.542	3.384	4.447	4.730	4.032	4.589	5.375	4.300	16.25
35) I 1,4-DIFLUOROBENZENE	----------ISTD----------								
36)m BENZENE		0.663	0.833	0.885	0.855	1.002	1.095	0.889	16.73
37)m CYCLOHEXANE		0.189	0.285	0.282	0.294	0.329	0.385	0.294	21.99
38)m TRICHLOROETHYLENE	0.333	0.431	0.606	0.639	0.582	0.725	0.916	0.605	31.42
----- Quadratic regression ----- Coefficient = 0.9997									
Response Ratio = 0.00367 + 0.51764 *A + 0.09945 *A^2									
39)m 1,2-DICHLOROPROPA		0.293	0.348	0.370	0.341	0.413	0.425	0.365	13.45

Initial Calibration Summary

Job Number: M66023 **Sample:** MSQ197-ICC197
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3625.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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40)m BROMODICHLOROMETH       1.039 1.258 1.331 1.232 1.473 1.675 1.335  16.38
41)m 2,2,4-TRIMETHYLPE       1.157 1.362 1.486 1.309 1.576 2.008 1.483  19.90
42)m 1,4-DIOXANE             0.079 0.152 0.164 0.167 0.193 0.252 0.168  33.55
         ----- Quadratic regression -----  Coefficient =  0.9999
              Response Ratio = 0.00175 + 0.13520 *A + 0.02909 *A^2

43)m HEPTANE                 0.503 0.568 0.618 0.574 0.700 0.850 0.636  19.45
44)m METHYL ISOBUTYL K       0.592 0.913 1.029 1.038 1.131 1.436 1.023  26.95
45)m cis-1,3-DICHLOROP       0.375 0.544 0.628 0.649 0.698 0.882 0.629  26.67
46)m TOLUENE           0.345 0.414 0.598 0.662 0.636 0.799 1.028 0.640  35.84
         ----- Quadratic regression -----  Coefficient =  0.9998
              Response Ratio = -0.00161 + 0.55507 *A + 0.11850 *A^2

47)m trans-1,3-DICHLOR       0.332 0.614 0.759 0.755 0.942 1.076 0.747  34.74
  ----- Linear regression  (equal Weighting)-----  Coefficient =  0.9942
              Response Ratio = -0.16653 + 1.09204 *A

48)m 1,1,2-TRICHLOROET 0.201 0.282 0.392 0.393 0.356 0.450       0.346  26.05

49) I   CHLOROBENZENE-D5      ----------------ISTD---------------------
50)m 2-HEXANONE              0.560 0.913 1.068 1.024 1.157 1.342 1.011  26.06
51)m TETRACHLOROETHYLE 0.552 0.575 0.668 0.694 0.649 0.792 1.162 0.728  28.52
52)m DIBROMOCHLOROMETH       1.136 1.449 1.520 1.454 1.555 2.133 1.541  21.14
53)m 1,2-DIBROMOETHANE       0.707 0.892 0.957 0.939 0.981 1.353 0.971  21.77
54)m CHLOROBENZENE           0.816 1.052 1.106 1.060 1.234 1.617 1.148  23.26
55)m ETHYLBENZENE            1.128 1.763 1.933 1.959 2.025 2.816 1.937  27.95
56)m m,p-XYLENE        0.378 0.430 0.650 0.683 0.731 0.809 1.144 0.689  36.95
         ----- Quadratic regression -----  Coefficient =  0.9996
              Response Ratio = 0.03446 + 0.51063 *A + 0.07839 *A^2

57)m o-XYLENE          0.405 0.448 0.641 0.801 0.849 1.027 1.382 0.793  43.00
         ----- Quadratic regression -----  Coefficient =  1.0000
              Response Ratio = -0.00598 + 0.68184 *A + 0.17542 *A^2

58)m STYRENE                 0.452 0.879 1.056 1.142 1.426 1.639 1.099  37.92
  ----- Linear regression  (equal Weighting)-----  Coefficient =  0.9939
              Response Ratio = -0.27368 + 1.66693 *A

59)m NONANE                  0.718 1.122 1.349 1.454 1.396 1.770 1.301  27.21
60)m BROMOFORM               0.951 1.415 1.591 1.568 1.849 2.713 1.681  34.86
         ----- Quadratic regression -----  Coefficient =  0.9997
              Response Ratio = 0.07773 + 1.01412 *A + 0.41881 *A^2

61)S 4-BROMOFLUOROBENZ 0.903 0.945 1.012 1.119 1.293 1.118 1.142 1.052  13.40
62)m 1,1,2,2-TETRACHLO 0.972 0.837 1.068 1.297 1.348 1.607       1.188  23.72
63)m ISOPROPYLBENZENE        1.479 2.178 2.676 2.513 3.398 4.003 2.708  32.96
         ----- Quadratic regression -----  Coefficient =  0.9990
              Response Ratio = -0.13470 + 2.65364 *A + 0.34794 *A^2

64)m 2-CHLOROTOLUENE         1.003 1.540 2.274 2.374 2.532 2.995 2.120  34.09
         ----- Quadratic regression -----  Coefficient =  0.9999
              Response Ratio = -0.06131 + 2.17093 *A + 0.20935 *A^2

65)m 4-ETHYLTOLUENE          1.125 1.942 2.753 2.959 3.583 4.187 2.758  40.04
         ----- Quadratic regression -----  Coefficient =  0.9998
              Response Ratio = -0.19011 + 2.99398 *A + 0.31146 *A^2

66)m 1,3,5-TRIMETHYLBE       1.212 1.905 2.487 2.329 3.443 3.930 2.551  39.04
         ----- Quadratic regression -----  Coefficient =  0.9977
              Response Ratio = -0.22580 + 2.75055 *A + 0.31272 *A^2
```

Initial Calibration Summary

Job Number: M66023 **Sample:** MSQ197-ICC197
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3625.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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67)m 1,2,4-TRIMETHYLBE       0.997 1.746 2.786 3.107 3.151 3.976 2.627  40.93
         ----- Quadratic regression -----  Coefficient =  0.9994
              Response Ratio = -0.04845 + 2.55824 *A + 0.35551 *A^2

68)m m-DICHLOROBENZENE       0.771 1.251 1.752 2.176 2.232 3.177 1.893  44.41
         ----- Quadratic regression -----  Coefficient =  0.9990
              Response Ratio = 0.01342 + 1.47484 *A + 0.42276 *A^2

69)m BENZYL CHLORIDE         0.649 1.041 1.909 2.327 2.426 3.017 1.895  47.25
         ----- Quadratic regression -----  Coefficient =  0.9996
              Response Ratio = -0.10404 + 2.01392 *A + 0.25632 *A^2

70)m p-DICHLOROBENZENE       0.684 1.213 1.726 2.089 2.234 3.109 1.842  45.85
         ----- Quadratic regression -----  Coefficient =  0.9995
              Response Ratio = -0.01151 + 1.51081 *A + 0.39880 *A^2

71)m o-DICHLOROBENZENE       0.665 0.981 2.001 1.893 2.611 2.851 1.834  47.33
         ----- Quadratic regression -----  Coefficient =  0.9980
              Response Ratio = -0.22470 + 2.29543 *A + 0.15538 *A^2

72)m HEXACHLOROBUTADIE       0.577 0.323 0.866 1.009 1.367 1.999 1.023  58.40
         ----- Quadratic regression -----  Coefficient =  0.9999
              Response Ratio = -0.04762 + 0.75993 *A + 0.31294 *A^2

73)m 1,2,4-TRICHLOROBE       0.196 0.232 0.474 0.701 0.686 0.990 0.546  55.93
         ----- Quadratic regression -----  Coefficient =  0.9982
              Response Ratio = -0.01392 + 0.46816 *A + 0.13065 *A^2

74)m NAPHTHALENE                                                 2.721   0.00
75)  2-METHYLNAPHTHALE                                           0.518   0.00
76)  1-METHYLNAPHTHALE                                           0.646   0.00
-------------------------------------------------------------------------------
(#) = Out of Range  ###  Number of calibration levels exceeded format  ###

          Q060507T.m        Wed Jun 06 14:56:34 2007   RPT1
```

Initial Calibration Verification

Job Number: M66023 **Sample:** MSQ197-ICV197
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3631.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Q3631.D Vial: 4
Acq On : 6 Jun 2007 2:41 pm Operator: PhilipB
Sample : ICV197-10 (M179) Inst : MAMSQ
Misc : MS13684, MSQ197,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\msdchem\1\METHODS\Q060507T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Wed Jun 06 14:52:22 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	127	0.00	8.23- 8.64
2	m	DICHLORODIFLUOROMETHAN	12.168	8.599	29.3	72	0.00	3.41- 3.82
3	m	PROPYLENE	1.233	0.970	21.3	100	0.00	3.34- 3.75
4	m	FREON 114	9.534	6.998	26.6	78	0.00	3.67- 4.08
5	m	CHLOROMETHANE	1.664	1.233	25.9	82	0.00	3.57- 3.99
6	m	VINYL CHLORIDE	1.880	1.358	27.8	75	0.00	3.80- 4.21
7	m	1,3-BUTADIENE	2.172	1.721	20.8	95	0.00	3.93- 4.35
8	m	BROMOMETHANE	2.549	1.805	29.2	72	0.00	4.21- 4.63
9	m	CHLOROETHANE	0.836	0.700	16.3	90	0.00	4.39- 4.80
10	m	TRICHLOROFLUOROMETHANE	15.186	12.726	16.2	98	0.00	5.20- 5.61
11	m	ISOPROPYL ALCOHOL	4.375	3.786	13.5	108	-0.01	5.22- 5.70
12	m	ACETONE	5.269	4.475	15.1	110	0.00	5.00- 5.41
13	m	PENTANE	2.420	2.264	6.4	119	0.00	5.63- 5.94
14	m	1,1-DICHLOROETHYLENE	2.886	2.528	12.4	107	0.00	5.88- 6.29
15	m	CARBON DISULFIDE	7.652	7.247	5.3	126	0.00	6.33- 6.75
16	m	ETHANOL	0.605	0.481	20.5	97	-0.01	4.46- 4.92
17	m	BROMOETHENE	2.754	2.071	24.8	76	0.00	4.76- 5.17
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	7.208	27.9	108	0.00	6.06- 6.36
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	3.636	3.484	4.2	139	0.00	6.13- 6.54
20	m	FREON 113	9.189	7.739	15.8	114	0.00	6.28- 6.69
21	m	TRANS-1,2-DICHLOROETHY	3.013	3.010	0.1	132	0.00	6.99- 7.40
22	m	TERTIARY BUTYL ALCOHOL	5.810	5.464	6.0	124	-0.01	5.84- 6.36
23	m	METHYL TERTIARY BUTYL	7.264	7.616	-4.8	137	0.00	7.25- 7.66
24	m	TETRAHYDROFURAN	1.564	1.784	-14.1	148	0.00	8.82- 9.11
25	m	HEXANE	1.854	2.018	-8.8	153	0.00	8.26- 8.68
26	m	VINYL ACETATE	6.384	7.212	-13.0	150	0.00	7.37- 7.72
27	m	1,1-DICHLOROETHANE	5.062	5.636	-11.3	144	0.00	7.20- 7.61
28	m	METHYL ETHYL KETONE	3.763	4.197	-11.5	157	0.00	7.56- 8.04
29	m	cis-1,2-DICHLOROETHYLE	1.313	1.460	-11.2	144	0.00	8.05- 8.47
30	m	ETHYL ACETATE	6.098	6.684	-9.6	155	0.00	8.26- 8.69
31	m	CHLOROFORM	5.197	5.401	-3.9	149	0.00	8.36- 8.77
32	m	1,1,1-TRICHLOROETHANE	6.164	6.543	-6.1	142	0.00	9.35- 9.77
33	m	CARBON TETRACHLORIDE	7.784	8.152	-4.7	144	0.00	9.96-10.37
34	m	1,2-DICHLOROETHANE	4.300	4.594	-6.8	145	0.00	9.10- 9.51
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	124	0.00	10.15-10.56
36	m	BENZENE	0.889	0.950	-6.9	138	-0.01	9.81-10.22
37	m	CYCLOHEXANE	0.294	0.329	-11.9	139	0.00	10.08-10.50

Initial Calibration Verification

Job Number: M66023 **Sample:** MSQ197-ICV197
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3631.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

		----------	True	Calc.	% Drift		----------	
38	m	TRICHLOROETHYLENE	10.000	10.773	-7.7	144	0.00	10.90-11.21
		----------	AvgRF	CCRF	% Dev		----------	
39	m	1,2-DICHLOROPROPANE	0.365	0.364	0.3	132	0.00	10.62-11.03
40	m	BROMODICHLOROMETHANE	1.335	1.316	1.4	132	0.00	10.86-11.17
41	m	2,2,4-TRIMETHYLPENTANE	1.483	1.652	-11.4	156	0.00	10.87-11.29
		----------	True	Calc.	% Drift		----------	
42	m	1,4-DIOXANE	10.000	11.876	-18.8	151	0.00	10.79-11.31
		----------	AvgRF	CCRF	% Dev		----------	
43	m	HEPTANE	0.636	0.684	-7.5	148	0.00	11.17-11.48
44	m	METHYL ISOBUTYL KETONE	1.023	1.164	-13.8	139	0.00	11.71-12.14
45	m	cis-1,3-DICHLOROPROPEN	0.629	0.734	-16.7	140	0.00	11.69-12.11
		----------	True	Calc.	% Drift		----------	
46	m	TOLUENE	10.000	10.914	-9.1	145	0.00	12.68-13.09
47	m	trans-1,3-DICHLOROPROP	10.000	8.249	17.5	120	0.00	12.26-12.57
		----------	AvgRF	CCRF	% Dev		----------	
48	m	1,1,2-TRICHLOROETHANE	0.346	0.427	-23.4	149	0.00	12.42-12.78
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	124	0.00	14.54-14.85
50	m	2-HEXANONE	1.011	1.244	-23.0	150	0.00	12.92-13.32
51	m	TETRACHLOROETHYLENE	0.728	0.776	-6.6	148	0.00	13.83-14.24
52	m	DIBROMOCHLOROMETHANE	1.541	1.654	-7.3	140	-0.01	13.14-13.50
53	m	1,2-DIBROMOETHANE	0.971	1.105	-13.8	145	0.00	13.42-13.73
54	m	CHLOROBENZENE	1.148	1.231	-7.2	143	0.00	14.59-14.90
55	m	ETHYLBENZENE	1.937	2.097	-8.3	132	0.00	14.95-15.31
		----------	True	Calc.	% Drift		----------	
56	m	m,p-XYLENE	20.000	22.573	-12.9	134	0.00	15.15-15.51
57	m	o-XYLENE	10.000	10.822	-8.2	136	0.00	15.65-16.01
58	m	STYRENE	10.000	8.997	10.0	133	0.00	15.55-15.86
		----------	AvgRF	CCRF	% Dev		----------	
59	m	NONANE	1.301	1.542	-18.5	131	0.00	15.88-16.19
		----------	True	Calc.	% Drift		----------	
60	m	BROMOFORM	10.000	11.480	-14.8	141	-0.01	15.27-15.58
		----------	AvgRF	CCRF	% Dev		----------	
61	S	4-BROMOFLUOROBENZENE	1.052	1.119	-6.4	107	0.00	16.18-16.49
62	m	1,1,2,2-TETRACHLOROETH	1.188	1.580	-33.0#	145	0.00	15.67-15.98
		----------	True	Calc.	% Drift		----------	
63	m	ISOPROPYLBENZENE	10.000	10.275	-2.8	145	0.00	16.33-16.64
64	m	2-CHLOROTOLUENE	10.000	9.833	1.7	118	0.00	16.83-17.24
65	m	4-ETHYLTOLUENE	10.000	8.898	11.0	114	0.00	17.09-17.36
66	m	1,3,5-TRIMETHYLBENZENE	10.000	9.450	5.5	141	0.00	17.18-17.44
67	m	1,2,4-TRIMETHYLBENZENE	10.000	9.369	6.3	106	0.00	17.62-17.93
68	m	m-DICHLOROBENZENE	10.000	10.051	-0.5	109	0.00	17.79-18.12
69	m	BENZYL CHLORIDE	10.000	10.015	-0.2	115	0.00	17.78-18.09
70	m	p-DICHLOROBENZENE	10.000	9.835	1.6	110	0.00	17.92-18.15
71	m	o-DICHLOROBENZENE	10.000	10.314	-3.1	151	0.00	18.26-18.57
72	m	HEXACHLOROBUTADIENE	10.000	15.354	-53.5#	227	0.00	20.61-21.02
73	m	1,2,4-TRICHLOROBENZENE	10.000	16.714	-67.1#	200	0.00	20.12-20.53

Initial Calibration Verification

Job Number: M66023 **Sample:** MSQ197-ICV197
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3631.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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            ----------------------- 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
    Q3625.D    Q060507T.m       Wed Jun 06 15:10:33 2007   RPT1
```

Continuing Calibration Summary

Job Number: M66023 **Sample:** MSQ198-CC197
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3632.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Q3632.D Vial: 4
Acq On : 6 Jun 2007 3:26 pm Operator: PhilipB
Sample : CC197-10 (M179) Inst : MAMSQ
Misc : MS13699, MSQ198,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\msdchem\1\METHODS\Q060507T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Wed Jun 06 14:52:22 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	132	0.00	8.23- 8.64
2	m	DICHLORODIFLUOROMETHAN	12.168	10.680	12.2	92	0.00	3.41- 3.82
3	m	PROPYLENE	1.233	1.347	-9.2	145	0.00	3.33- 3.74
4	m	FREON 114	9.534	8.504	10.8	99	0.00	3.67- 4.08
5	m	CHLOROMETHANE	1.664	1.632	1.9	113	0.00	3.57- 3.98
6	m	VINYL CHLORIDE	1.880	1.702	9.5	98	0.00	3.80- 4.21
7	m	1,3-BUTADIENE	2.172	1.918	11.7	110	0.00	3.93- 4.34
8	m	BROMOMETHANE	2.549	2.003	21.4	84	0.00	4.21- 4.63
9	m	CHLOROETHANE	0.836	0.744	11.0	100	0.00	4.39- 4.80
10	m	TRICHLOROFLUOROMETHANE	15.186	13.483	11.2	108	0.00	5.20- 5.61
11	m	ISOPROPYL ALCOHOL	4.375	4.031	7.9	120	0.00	5.22- 5.70
12	m	ACETONE	5.269	4.300	18.4	111	0.00	4.99- 5.41
13	m	PENTANE	2.420	2.294	5.2	126	0.00	5.63- 5.94
14	m	1,1-DICHLOROETHYLENE	2.886	2.783	3.6	123	-0.01	5.87- 6.29
15	m	CARBON DISULFIDE	7.652	7.649	0.0	138	0.00	6.33- 6.74
16	m	ETHANOL	0.605	0.470	22.3	99	-0.01	4.46- 4.92
17	m	BROMOETHENE	2.754	2.268	17.6	86	0.00	4.75- 5.17
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	7.938	20.6	123	0.00	6.06- 6.36
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	3.636	3.444	5.3	143	0.00	6.13- 6.54
20	m	FREON 113	9.189	8.602	6.4	132	0.00	6.28- 6.69
21	m	TRANS-1,2-DICHLOROETHY	3.013	3.178	-5.5	145	0.00	6.99- 7.40
22	m	TERTIARY BUTYL ALCOHOL	5.810	5.636	3.0	133	-0.01	5.84- 6.36
23	m	METHYL TERTIARY BUTYL	7.264	7.646	-5.3	143	0.00	7.25- 7.66
24	m	TETRAHYDROFURAN	1.564	1.671	-6.8	144	0.00	8.82- 9.11
25	m	HEXANE	1.854	1.825	1.6	144	0.00	8.26- 8.67
26	m	VINYL ACETATE	6.384	6.856	-7.4	149	0.00	7.37- 7.72
27	m	1,1-DICHLOROETHANE	5.062	5.608	-10.8	150	0.00	7.20- 7.61
28	m	METHYL ETHYL KETONE	3.763	3.881	-3.1	151	0.00	7.56- 8.05
29	m	cis-1,2-DICHLOROETHYLE	1.313	1.382	-5.3	141	0.00	8.06- 8.47
30	m	ETHYL ACETATE	6.098	6.016	1.3	145	0.00	8.26- 8.69
31	m	CHLOROFORM	5.197	5.102	1.8	146	0.00	8.36- 8.77
32	m	1,1,1-TRICHLOROETHANE	6.164	6.365	-3.3	144	0.00	9.35- 9.76
33	m	CARBON TETRACHLORIDE	7.784	7.530	3.3	139	0.00	9.96-10.37
34	m	1,2-DICHLOROETHANE	4.300	4.420	-2.8	145	0.00	9.10- 9.51
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	125	0.00	10.15-10.56
36	m	BENZENE	0.889	0.881	0.9	129	0.00	9.81-10.22
37	m	CYCLOHEXANE	0.294	0.316	-7.5	135	0.00	10.08-10.50

Continuing Calibration Summary

Job Number: M66023 **Sample:** MSQ198-CC197
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3632.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

		----------	True	Calc.	% Drift		----------	
38	m	TRICHLOROETHYLENE	10.000	10.405	-4.0	140	0.00	10.90-11.21
		----------	AvgRF	CCRF	% Dev		----------	
39	m	1,2-DICHLOROPROPANE	0.365	0.348	4.7	128	0.00	10.62-11.03
40	m	BROMODICHLOROMETHANE	1.335	1.306	2.2	133	0.00	10.86-11.17
41	m	2,2,4-TRIMETHYLPENTANE	1.483	1.544	-4.1	148	0.00	10.87-11.29
		----------	True	Calc.	% Drift		----------	
42	m	1,4-DIOXANE	10.000	11.189	-11.9	142	0.00	10.78-11.31
		----------	AvgRF	CCRF	% Dev		----------	
43	m	HEPTANE	0.636	0.636	0.0	139	0.00	11.17-11.48
44	m	METHYL ISOBUTYL KETONE	1.023	1.077	-5.3	130	0.00	11.70-12.13
45	m	cis-1,3-DICHLOROPROPEN	0.629	0.689	-9.5	133	0.00	11.70-12.11
		----------	True	Calc.	% Drift		----------	
46	m	TOLUENE	10.000	10.197	-2.0	136	0.00	12.68-13.09
47	m	trans-1,3-DICHLOROPROP	10.000	7.948	20.5	117	0.00	12.26-12.57
		----------	AvgRF	CCRF	% Dev		----------	
48	m	1,1,2-TRICHLOROETHANE	0.346	0.402	-16.2	142	0.00	12.42-12.78
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	126	0.00	14.54-14.85
50	m	2-HEXANONE	1.011	1.123	-11.1	138	0.00	12.91-13.32
51	m	TETRACHLOROETHYLENE	0.728	0.798	-9.6	154	0.00	13.83-14.24
52	m	DIBROMOCHLOROMETHANE	1.541	1.658	-7.6	143	0.00	13.14-13.50
53	m	1,2-DIBROMOETHANE	0.971	1.105	-13.8	148	0.00	13.42-13.73
54	m	CHLOROBENZENE	1.148	1.167	-1.7	138	0.00	14.59-14.90
55	m	ETHYLBENZENE	1.937	1.965	-1.4	126	0.00	14.95-15.31
		----------	True	Calc.	% Drift		----------	
56	m	m,p-XYLENE	20.000	21.935	-9.7	132	0.00	15.14-15.50
57	m	o-XYLENE	10.000	10.061	-0.6	127	0.00	15.65-16.01
58	m	STYRENE	10.000	8.353	16.5	123	0.00	15.55-15.86
		----------	AvgRF	CCRF	% Dev		----------	
59	m	NONANE	1.301	1.407	-8.1	122	0.00	15.88-16.19
		----------	True	Calc.	% Drift		----------	
60	m	BROMOFORM	10.000	10.997	-10.0	136	0.00	15.27-15.58
		----------	AvgRF	CCRF	% Dev		----------	
61	S	4-BROMOFLUOROBENZENE	1.052	1.133	-7.7	110	0.00	16.18-16.49
62	m	1,1,2,2-TETRACHLOROETH	1.188	1.444	-21.5	135	0.00	15.66-15.97
		----------	True	Calc.	% Drift		----------	
63	m	ISOPROPYLBENZENE	10.000	9.819	1.8	140	0.00	16.33-16.64
64	m	2-CHLOROTOLUENE	10.000	9.363	6.4	114	0.00	16.83-17.24
65	m	4-ETHYLTOLUENE	10.000	8.510	14.9	110	0.00	17.09-17.36
66	m	1,3,5-TRIMETHYLBENZENE	10.000	9.179	8.2	138	0.00	17.18-17.44
67	m	1,2,4-TRIMETHYLBENZENE	10.000	9.140	8.6	105	0.00	17.62-17.93
68	m	m-DICHLOROBENZENE	10.000	9.984	0.2	110	0.00	17.79-18.12
69	m	BENZYL CHLORIDE	10.000	9.799	2.0	114	0.00	17.78-18.09
70	m	p-DICHLOROBENZENE	10.000	9.834	1.7	112	0.00	17.91-18.15
71	m	o-DICHLOROBENZENE	10.000	8.480	15.2	122	0.00	18.26-18.57
72	m	HEXACHLOROBUTADIENE	10.000	15.632	-56.3#	237	0.00	20.61-21.02
73	m	1,2,4-TRICHLOROBENZENE	10.000	13.725	-37.2#	157	0.00	20.12-20.53

Continuing Calibration Summary

Job Number: M66023 **Sample:** MSQ198-CC197
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3632.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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            ---------------------- 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
    Q3625.D    Q060507T.m       Wed Jun 06 16:17:34 2007   RPT1
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5.9

5

Initial Calibration Summary

Job Number: M66023 **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: M66023 **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: M66023 **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: M66023 **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: M66023 **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: M66023 **Sample:** MSQ210-ICC210
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3909.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Response Factor Report MAMSQ

Method : C:\msdchem\1\METHODS\Q070507T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration

Calibration Files
.2 =Q3913.D .5 =Q3912.D 2 =Q3911.D
5 =Q3910.D 10 =Q3909.D 20 =Q3908.D 40 =Q3907.D

Compound	.2	.5	2	5	10	20	40	Avg	%RSD
1) I BROMOCHLOROMETHANE	----------ISTD----------								
2)m DICHLORODIFLUOROM	1.276	1.024	1.413	0.992	1.221	1.201	0.867	1.142	E1 16.49
3)m PROPYLENE		1.212	1.409	1.032	1.384	1.622		1.332	16.68
4)m FREON 114	1.058	0.855	1.155	0.813	1.040	1.030	0.929	0.983	E1 12.38
5)m CHLOROMETHANE	2.325	1.961	2.288	1.501	2.136	2.295	1.573	2.011	17.29
6)m VINYL CHLORIDE	3.361	2.028	2.982	2.058	2.614	2.773	2.289	2.587	19.14
7)m 1,3-BUTADIENE	2.765	2.186	2.270	1.797	2.172	2.552	2.062	2.258	14.10
8)m BROMOMETHANE	3.942	2.924	3.428	2.332	2.805	3.149	2.646	3.032	17.56
9)m CHLOROETHANE	0.986	1.082	1.054	0.766	0.937	1.199	1.028	1.007	13.37
10)m TRICHLOROFLUOROME	1.472	1.269	1.610	1.123	1.340	1.116	1.118	1.293	E1 15.03
11)m ISOPROPYL ALCOHOL		4.766	3.959	2.865	3.454	3.527	3.374	3.658	17.66
12)m ACETONE		4.605	4.394	3.012	3.306	3.989	3.372	3.780	17.08
13)m PENTANE	4.018	2.947	3.157	2.142	2.662	2.482	2.351	2.823	22.33
14)m 1,1-DICHLOROETHYL	3.580	2.682	3.542	2.427	3.169	2.740	2.788	2.990	14.95
15)m CARBON DISULFIDE	1.206	0.922	1.203	0.812	0.982	0.723	0.846	0.956	E1 19.65
16)m ETHANOL		0.868	0.662	0.430	0.476	0.695	0.513	0.607	27.15
17)m BROMOETHENE	3.133	2.662	3.328	2.210	2.789	2.961	2.524	2.801	13.51
18)m METHYLENE CHLORID	1.332	0.462	0.366	0.206	0.248	0.225	0.235	0.439	E1 92.12
----- Quadratic regression ----- Coefficient = 0.9986									
Response Ratio = 0.19339 + 2.05933 *A + 0.06008 *A^2									
19)m 3-CHLOROPROPENE	3.426	2.622	2.834	1.939	2.545	2.524	2.702	2.656	16.64
20)m FREON 113	8.308	5.607	6.373	4.539	5.775	4.409	5.511	5.789	22.60
21)m TRANS-1,2-DICHLOR	3.651	2.976	3.378	2.157	2.876	2.269	2.696	2.857	19.06
22)m TERTIARY BUTYL AL	4.446	4.229	5.416	4.002	4.976	5.333	4.596	4.714	11.53
23)m METHYL TERTIARY B	6.081	4.628	5.904	4.632	5.361	5.476	5.475	5.365	10.51
24)m TETRAHYDROFURAN	0.406	0.680	0.855	0.814	1.016	1.001	0.967	0.820	26.61
25)m HEXANE	1.969	1.755	1.993	1.410	1.767	1.588	2.610	1.870	20.56
26)m VINYL ACETATE	4.745	3.951	4.375	3.645	4.196	4.083	4.562	4.222	8.85
27)m 1,1-DICHLOROETHAN	5.535	5.141	5.806	3.738	4.936	4.827	5.075	5.008	13.12
28)m METHYL ETHYL KETO	2.220	2.246	2.347	1.920	2.364	2.211	2.743	2.293	10.74
29)m cis-1,2-DICHLOROE	0.876	0.941	1.198	0.857	1.167	1.077	1.472	1.084	20.13
30)m ETHYL ACETATE	3.458	3.563	4.167	3.298	3.956	3.765	6.117	4.046	23.72
31)m CHLOROFORM	3.985	4.264	4.647	3.258	4.276	3.658	5.236	4.189	15.44
32)m 1,1,1-TRICHLOROET	4.616	4.214	4.814	3.558	4.719	3.926	5.785	4.519	15.92
33)m CARBON TETRACHLOR	5.200	5.327	6.362	4.370	6.119	4.742	7.117	5.605	17.29
34)m 1,2-DICHLOROETHAN	2.701	2.375	3.097	2.191	2.803	2.349	3.063	2.654	13.53
35) I 1,4-DIFLUOROBENZENE	----------ISTD----------								
36)m BENZENE	0.539	0.504	0.695	0.516	0.678	0.632	1.042	0.658	28.26
37)m CYCLOHEXANE	0.203	0.228	0.312	0.225	0.312	0.261	0.450	0.284	29.63
38)m TRICHLOROETHYLENE	0.411	0.368	0.457	0.333	0.451	0.391		0.402	11.96
39)m 1,2-DICHLOROPROPA	0.208	0.212	0.262	0.199	0.251	0.231	0.359	0.246	22.31
40)m BROMODICHLOROMETH	0.778	0.735	0.878	0.687	0.887	0.760	1.398	0.875	27.65
41)m 2,2,4-TRIMETHYLPE	0.737	0.789	1.156	0.897	1.171	1.105		0.976	19.71
42)m 1,4-DIOXANE	0.119	0.080	0.122	0.099	0.141	0.125		0.114	18.76

Initial Calibration Summary

Job Number: M66023 **Sample:** MSQ210-ICC210
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3909.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
43)m HEPTANE           0.250 0.303 0.420 0.328 0.428 0.438       0.361  21.72
44)m METHYL ISOBUTYL K 0.286 0.378 0.531 0.479 0.602 0.611       0.481  26.72
45)m cis-1,3-DICHLOROP 0.295 0.224 0.375 0.330 0.441 0.400       0.344  22.65
46)m TOLUENE           0.274 0.262 0.358 0.325 0.432 0.399       0.342  19.76
47)m trans-1,3-DICHLOR       0.248 0.340 0.314 0.443 0.379       0.345  21.09
48)m 1,1,2-TRICHLOROET 0.260 0.233 0.290 0.222 0.281 0.247       0.256  10.35

49) I   CHLOROBENZENE-D5      ----------------ISTD--------------------
50)m 2-HEXANONE              0.402 0.529 0.496 0.632 0.625       0.537  17.79
51)m TETRACHLOROETHYLE 0.319 0.255 0.367 0.274 0.378 0.339       0.322  15.42
52)m DIBROMOCHLOROMETH 0.577 0.574 0.796 0.636 0.851 0.753       0.698  16.90
53)m 1,2-DIBROMOETHANE 0.441 0.437 0.580 0.450 0.571 0.497       0.496  13.18
54)m CHLOROBENZENE     0.602 0.537 0.723 0.576 0.712 0.619       0.628  11.89
55)m ETHYLBENZENE            0.567 1.042 1.014 1.296 1.151       1.014  26.96
56)m m,p-XYLENE              0.217 0.397 0.358 0.447 0.420       0.368  24.59
57)m o-XYLENE                0.208 0.388 0.360 0.480 0.448       0.377  27.98
58)m STYRENE           0.233 0.235 0.422 0.438 0.621 0.605 1.145 0.528  59.20
         ----- Quadratic regression -----  Coefficient =  0.9969
              Response Ratio = 0.04266 + 0.17347 *A + 0.23876 *A^2

59)m NONANE                  0.348 0.713 0.602 0.773 0.844       0.656  29.54
60)m BROMOFORM         0.378 0.451 0.601 0.540 0.744 0.702       0.569  24.93
61)S 4-BROMOFLUOROBENZ 0.790 0.843 0.900 0.993 1.032 1.087 1.137 0.969  13.30
62)m 1,1,2,2-TETRACHLO 0.813 0.769 0.910 0.732 0.940 0.918       0.847  10.29
63)m ISOPROPYLBENZENE        0.696 1.206 1.089 1.450 1.478       1.184  26.85
64)m 2-CHLOROTOLUENE         0.552 0.878 0.884 1.198 1.260       0.954  29.88
65)m 4-ETHYLTOLUENE    0.339 0.491 1.045 0.972 1.354 1.871 2.676 1.250  64.96
         ----- Quadratic regression -----  Coefficient =  0.9998
              Response Ratio = -0.04555 + 1.03133 *A + 0.41488 *A^2

66)m 1,3,5-TRIMETHYLBE       0.580 1.114 1.013 1.325 1.369       1.080  29.24
67)m 1,2,4-TRIMETHYLBE 0.418 0.489 0.869 0.869 1.271 1.733 2.472 1.160  63.26
         ----- Quadratic regression -----  Coefficient =  0.9998
              Response Ratio = -0.04973 + 0.97067 *A + 0.37909 *A^2

68)m m-DICHLOROBENZENE 0.327 0.446 0.617 0.519 0.716 0.922 1.625 0.739  58.95
         ----- Quadratic regression -----  Coefficient =  0.9996
              Response Ratio = 0.03364 + 0.26434 *A + 0.33735 *A^2

69)m BENZYL CHLORIDE   0.343 0.439 0.602 0.649 0.884 1.158 1.813 0.841  60.43
         ----- Quadratic regression -----  Coefficient =  0.9999
              Response Ratio = -0.00127 + 0.52519 *A + 0.32189 *A^2

70)m p-DICHLOROBENZENE 0.267 0.419 0.596 0.527 0.709 1.180 1.488 0.741  59.02
         ----- Quadratic regression -----  Coefficient =  0.9976
              Response Ratio = -0.06616 + 0.75452 *A + 0.18934 *A^2

71)m o-DICHLOROBENZENE 0.344 0.471 0.529 0.489 0.657 1.071 1.351 0.702  52.55
         ----- Quadratic regression -----  Coefficient =  0.9978
              Response Ratio = -0.05744 + 0.68841 *A + 0.17068 *A^2

72)m HEXACHLOROBUTADIE 0.943 0.974 0.313 0.243 0.322 0.600 1.278 0.667  60.32
         ----- Quadratic regression -----  Coefficient =  0.9998
              Response Ratio = 0.05468 + -0.09050 *A + 0.33845 *A^2

73)m 1,2,4-TRICHLOROBE 0.437 0.383 0.166 0.142 0.215 0.432 0.668 0.349  53.86
         ----- Quadratic regression -----  Coefficient =  0.9987
              Response Ratio = -0.00873 + 0.14936 *A + 0.13075 *A^2

74)m NAPHTHALENE                                            0.000  -1.00
```

Initial Calibration Summary

Job Number: M66023 **Sample:** MSQ210-ICC210
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3909.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

          Q070507T.m        Thu Jul 05 18:50:19 2007   RPT1
```

Initial Calibration Verification

Job Number: M66023 **Sample:** MSQ210-ICV210
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3914.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Q3914.D Vial: 3
Acq On : 5 Jul 2007 6:11 pm Operator: PhilipB
Sample : ICV210-10 (M209) Inst : MAMSQ
Misc : MS13877, MSQ210,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\msdchem\1\METHODS\Q070507T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 18:14:03 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	94	0.00	8.43- 8.84
2	m	DICHLORODIFLUOROMETHAN	11.422	9.878	13.5	76	0.00	3.83- 4.24
3	m	PROPYLENE	1.332	1.088	18.3	74	0.00	3.75- 4.17
4	m	FREON 114	9.829	10.068	-2.4	91	0.00	4.09- 4.50
5	m	CHLOROMETHANE	2.011	1.928	4.1	85	0.00	3.99- 4.40
6	m	VINYL CHLORIDE	2.587	2.523	2.5	90	0.00	4.22- 4.63
7	m	1,3-BUTADIENE	2.258	2.179	3.5	94	0.00	4.35- 4.76
8	m	BROMOMETHANE	3.032	2.915	3.9	97	0.00	4.62- 5.04
9	m	CHLOROETHANE	1.007	1.036	-2.9	104	0.00	4.79- 5.21
10	m	TRICHLOROFLUOROMETHANE	12.926	13.085	-1.2	91	0.00	5.58- 5.99
11	m	ISOPROPYL ALCOHOL	3.658	3.506	4.2	95	0.00	5.59- 6.06
12	m	ACETONE	3.780	3.412	9.7	97	0.00	5.39- 5.81
13	m	PENTANE	2.823	2.823	0.0	99	0.00	5.99- 6.30
14	m	1,1-DICHLOROETHYLENE	2.990	2.791	6.7	82	0.00	6.22- 6.63
15	m	CARBON DISULFIDE	9.563	9.695	-1.4	93	0.00	6.66- 7.07
16	m	ETHANOL	0.607	0.500	17.6	98	0.00	4.87- 5.33
17	m	BROMOETHENE	2.801	2.667	4.8	90	0.00	5.17- 5.58
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	10.593	-5.9	92	0.00	6.39- 6.69
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	2.656	2.576	3.0	95	0.00	6.46- 6.87
20	m	FREON 113	5.789	5.622	2.9	91	0.00	6.59- 7.01
21	m	TRANS-1,2-DICHLOROETHY	2.857	2.703	5.4	88	0.00	7.26- 7.68
22	m	TERTIARY BUTYL ALCOHOL	4.714	4.806	-2.0	90	0.00	6.17- 6.69
23	m	METHYL TERTIARY BUTYL	5.365	5.022	6.4	88	0.00	7.50- 7.92
24	m	TETRAHYDROFURAN	0.820	0.894	-9.0	82	0.00	9.00- 9.28
25	m	HEXANE	1.870	1.712	8.4	91	0.00	8.46- 8.87
26	m	VINYL ACETATE	4.222	4.028	4.6	90	0.00	7.61- 7.96
27	m	1,1-DICHLOROETHANE	5.008	4.902	2.1	93	0.00	7.46- 7.87
28	m	METHYL ETHYL KETONE	2.293	2.177	5.1	86	0.00	7.79- 8.28
29	m	cis-1,2-DICHLOROETHYLE	1.084	0.991	8.6	79	0.00	8.27- 8.68
30	m	ETHYL ACETATE	4.046	3.963	2.1	94	0.00	8.45- 8.88
31	m	CHLOROFORM	4.189	3.917	6.5	86	0.00	8.54- 8.96
32	m	1,1,1-TRICHLOROETHANE	4.519	4.159	8.0	83	0.00	9.50- 9.91
33	m	CARBON TETRACHLORIDE	5.605	5.541	1.1	85	0.00	10.09-10.50
34	m	1,2-DICHLOROETHANE	2.654	2.496	6.0	83	0.00	9.26- 9.67
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	100	0.00	10.25-10.67
36	m	BENZENE	0.658	0.576	12.5	85	0.00	9.94-10.36
37	m	CYCLOHEXANE	0.284	0.252	11.3	81	0.00	10.21-10.62

Initial Calibration Verification

Job Number: M66023 **Sample:** MSQ210-ICV210
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3914.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

38	m	TRICHLOROETHYLENE	0.402	0.393	2.2	87	0.00	11.00-11.31
39	m	1,2-DICHLOROPROPANE	0.246	0.223	9.3	89	0.00	10.72-11.13
40	m	BROMODICHLOROMETHANE	0.875	0.744	15.0	84	0.00	10.95-11.26
41	m	2,2,4-TRIMETHYLPENTANE	0.976	1.070	-9.6	91	0.00	10.97-11.38
42	m	1,4-DIOXANE	0.114	0.115	-0.9	82	0.00	10.88-11.40
43	m	HEPTANE	0.361	0.389	-7.8	91	0.00	11.25-11.56
44	m	METHYL ISOBUTYL KETONE	0.481	0.551	-14.6	92	0.00	11.76-12.20
45	m	cis-1,3-DICHLOROPROPEN	0.344	0.388	-12.8	88	0.00	11.76-12.17
46	m	TOLUENE	0.342	0.369	-7.9	85	0.00	12.72-13.13
47	m	trans-1,3-DICHLOROPROP	0.345	0.312	9.6	70	0.00	12.31-12.62
48	m	1,1,2-TRICHLOROETHANE	0.256	0.239	6.6	85	0.00	12.47-12.83
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	104	0.00	14.55-14.86
50	m	2-HEXANONE	0.537	0.520	3.2	86	0.00	12.95-13.35
51	m	TETRACHLOROETHYLENE	0.322	0.315	2.2	87	0.00	13.85-14.26
52	m	DIBROMOCHLOROMETHANE	0.698	0.711	-1.9	87	0.00	13.17-13.53
53	m	1,2-DIBROMOETHANE	0.496	0.460	7.3	84	0.00	13.45-13.76
54	m	CHLOROBENZENE	0.628	0.587	6.5	86	0.00	14.60-14.91
55	m	ETHYLBENZENE	1.014	1.075	-6.0	86	0.00	14.95-15.31
56	m	m,p-XYLENE	0.368	0.388	-5.4	90	0.00	15.15-15.51
57	m	o-XYLENE	0.377	0.411	-9.0	89	0.00	15.64-16.00
			True	Calc.	% Drift			
58	m	STYRENE	10.000	11.135	-11.3	89	0.00	15.55-15.86
			AvgRF	CCRF	% Dev			
59	m	NONANE	0.656	0.743	-13.3	100	0.00	15.87-16.18
60	m	BROMOFORM	0.569	0.590	-3.7	82	0.00	15.27-15.58
61	S	4-BROMOFLUOROBENZENE	0.969	1.026	-5.9	103	0.00	16.17-16.48
62	m	1,1,2,2-TETRACHLOROETH	0.847	0.845	0.2	93	0.00	15.66-15.97
63	m	ISOPROPYLBENZENE	1.184	1.305	-10.2	94	0.00	16.32-16.63
64	m	2-CHLOROTOLUENE	0.954	1.097	-15.0	95	0.00	16.81-17.23
			True	Calc.	% Drift			
65	m	4-ETHYLTOLUENE	10.000	8.756	12.4	90	0.00	17.08-17.34
			AvgRF	CCRF	% Dev			
66	m	1,3,5-TRIMETHYLBENZENE	1.080	1.216	-12.6	96	0.00	17.16-17.42
			True	Calc.	% Drift			
67	m	1,2,4-TRIMETHYLBENZENE	10.000	9.338	6.6	97	0.00	17.60-17.91
68	m	m-DICHLOROBENZENE	10.000	10.106	-1.1	94	0.00	17.78-18.11
69	m	BENZYL CHLORIDE	10.000	9.773	2.3	96	0.00	17.76-18.07
70	m	p-DICHLOROBENZENE	10.000	7.225	27.8	85	0.00	17.90-18.14
71	m	o-DICHLOROBENZENE	10.000	7.803	22.0	92	0.00	18.25-18.56
72	m	HEXACHLOROBUTADIENE	10.000	10.293	-2.9	104	0.00	20.59-21.00
73	m	1,2,4-TRICHLOROBENZENE	10.000	8.192	18.1	97	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
Q3909.D Q070507T.m Thu Jul 05 18:48:58 2007 RPT1

GC/MS Volatiles

Raw Data

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
07/11/07 12:09

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3917.D
Acq On : 5 Jul 2007 8:23 pm
Operator : PhilipB
Sample : M66023-1
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 06 07:38:36 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration

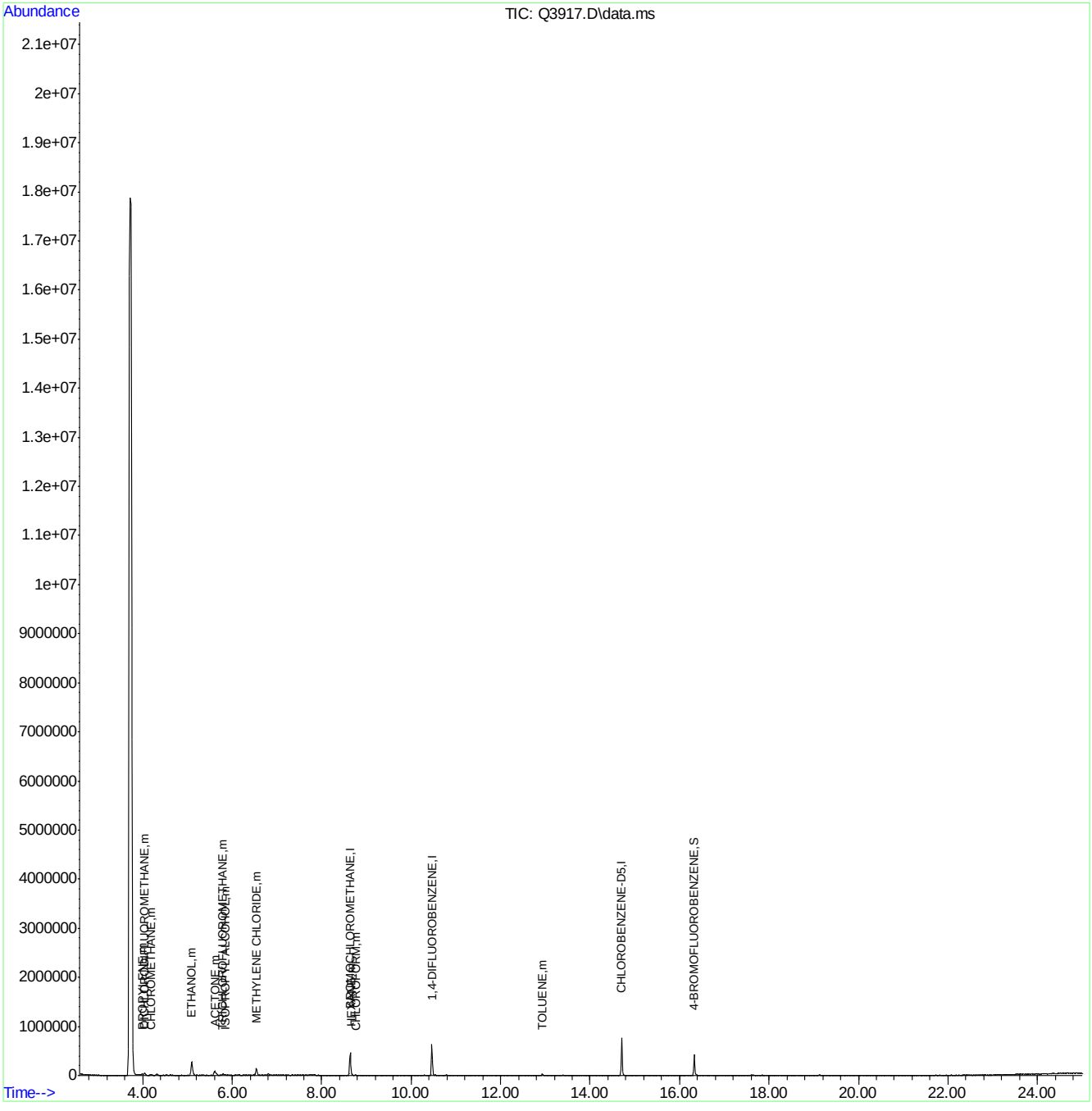
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.639	128	78144	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.465	114	329326	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.710	117	274857	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.327	95	104729	3.93	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 78.60%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.039	85	43934	0.49	PPBV	94
3) PROPYLENE	3.985	41	6107m	0.59	PPBV	
5) CHLOROMETHANE	4.193	50	8909m	0.57	PPBV	
10) TRICHLOROFLUOROMETHANE	5.787	101	25310m	0.25	PPBV	
11) ISOPROPYL ALCOHOL	5.838	45	19589m	0.69	PPBV	
12) ACETONE	5.604	43	130237	4.41	PPBV	95
16) ETHANOL	5.093	45	358971	75.63	PPBV	96
18) METHYLENE CHLORIDE	6.537	84	65465	3.10	PPBV	86
25) HEXANE	8.669	57	5952m	0.41	PPBV	
31) CHLOROFORM	8.756	83	9257m	0.28	PPBV	
46) TOLUENE	12.927	92	9298	0.83	PPBV	87

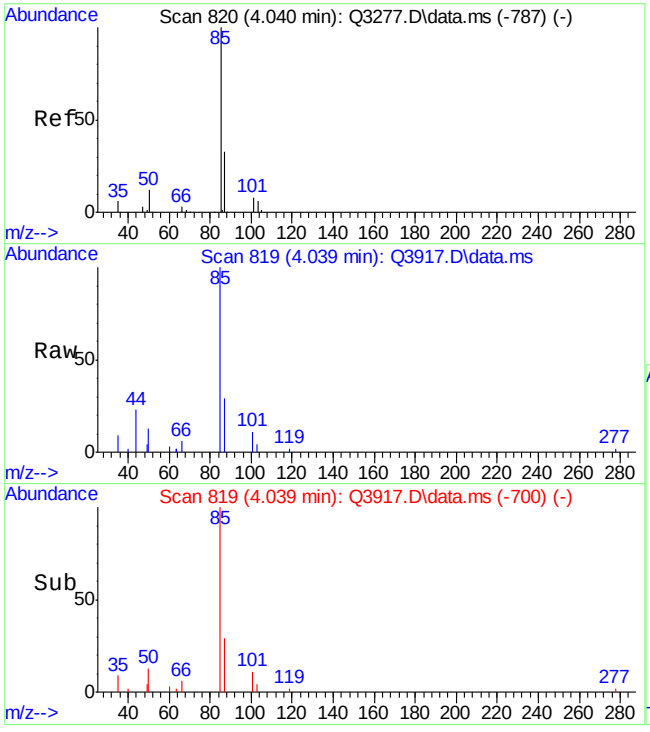
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3917.D
Acq On : 5 Jul 2007 8:23 pm
Operator : PhilipB
Sample : M66023-1
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 06 07:38:36 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration

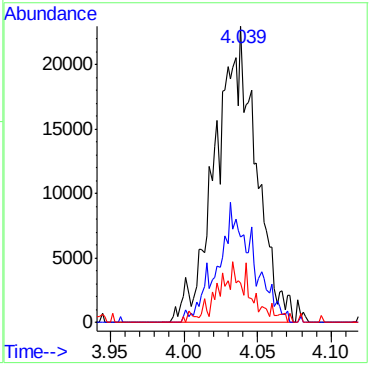


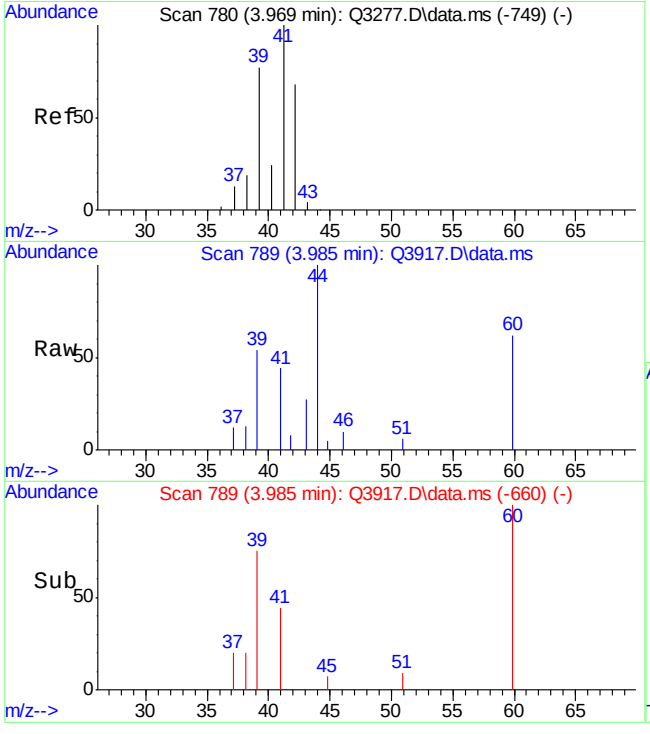


#2
DICHLORODIFLUOROMETHANE
Concen: 0.49 PPBV
RT: 4.039 min Scan# 819
Delta R.T. 0.005 min
Lab File: Q3917.D
Acq: 5 Jul 2007 8:23 pm

Tgt Ion: 85 Resp: 43934

Ion	Ratio	Lower	Upper
85	100		
87	35.6	12.1	52.1
50	16.2	0.0	33.8

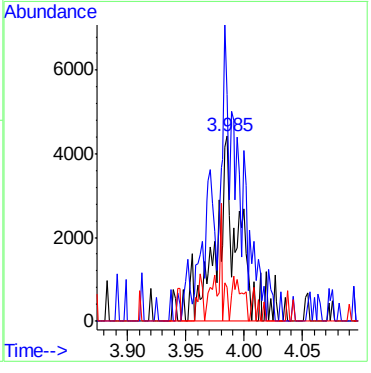


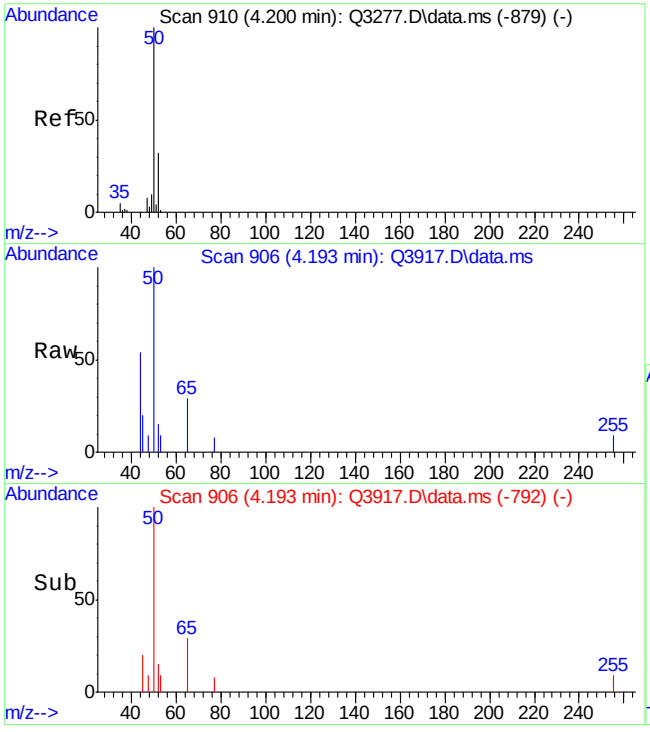


#3
PROPYLENE
Concen: 0.59 PPBV m
RT: 3.985 min Scan# 789
Delta R.T. 0.022 min
Lab File: Q3917.D
Acq: 5 Jul 2007 8:23 pm

Tgt Ion: 41 Resp: 6107

Ion	Ratio	Lower	Upper
41	100		
39	122.7	52.5	92.5#
42	18.1	47.8	87.8#

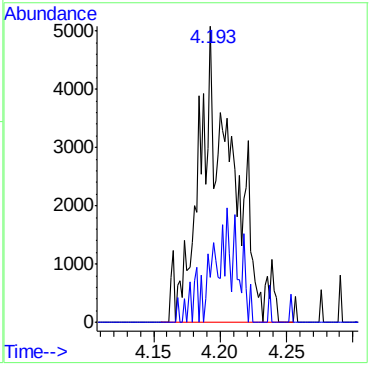


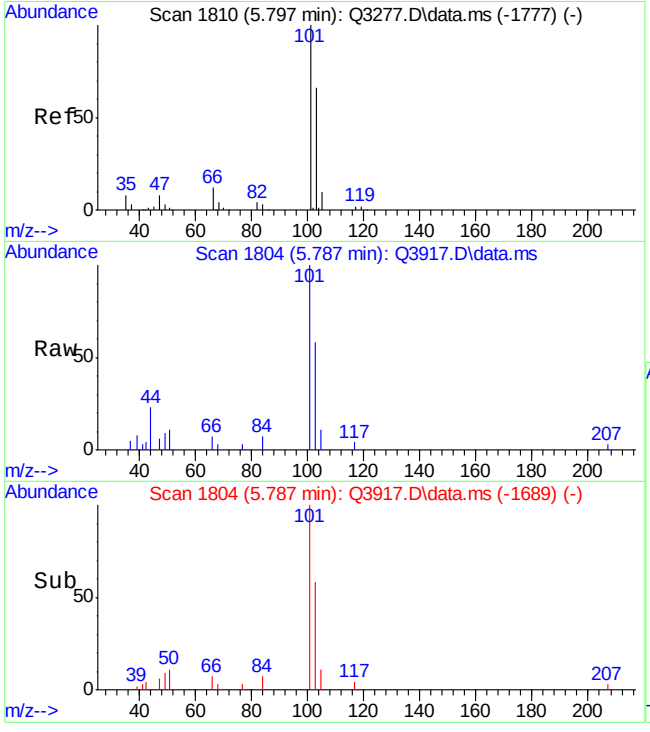


#5
CHLOROMETHANE
Concen: 0.57 PPBV m
RT: 4.193 min Scan# 906
Delta R.T. -0.003 min
Lab File: Q3917.D
Acq: 5 Jul 2007 8:23 pm

Tgt Ion: 50 Resp: 8909

Ion	Ratio	Lower	Upper
50	100		
52	15.0	12.2	52.2

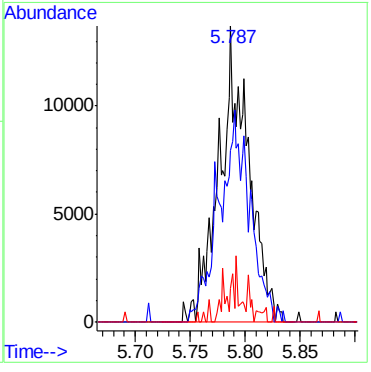


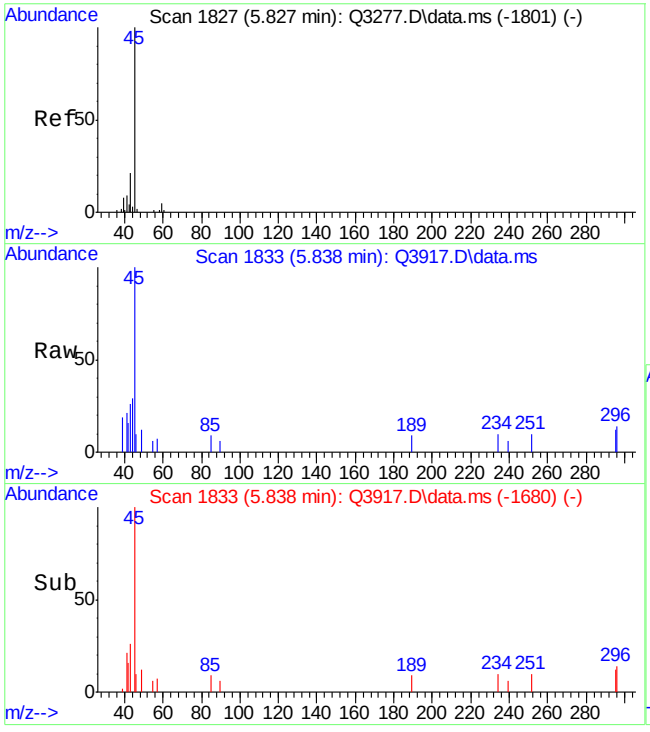


#10
TRICHLOROFLUOROMETHANE
Concen: 0.25 PPBV m
RT: 5.787 min Scan# 1804
Delta R.T. -0.002 min
Lab File: Q3917.D
Acq: 5 Jul 2007 8:23 pm

Tgt Ion:101 Resp: 25310

Ion	Ratio	Lower	Upper
101	100		
103	75.3	44.3	84.3
105	7.4	0.0	30.2

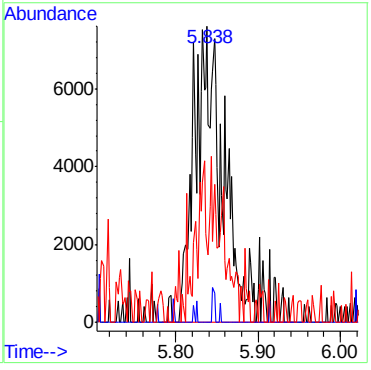


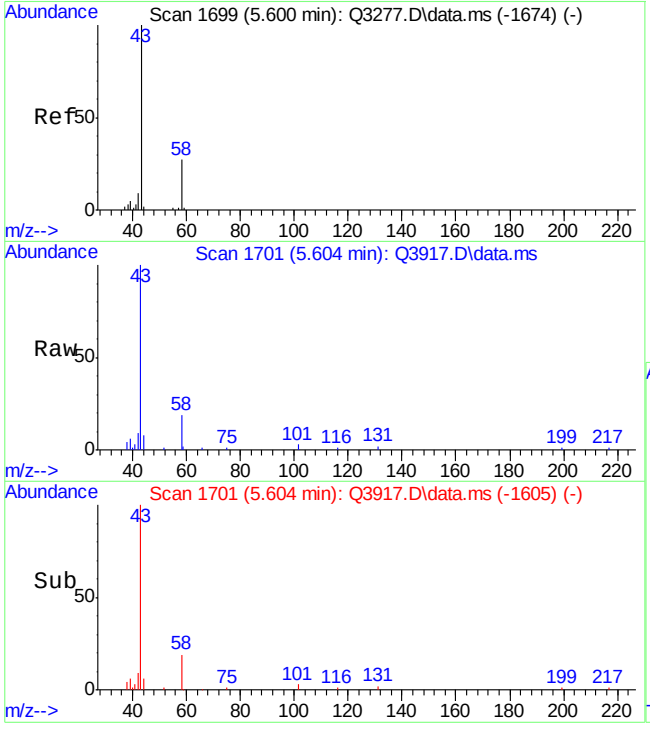


#11
ISOPROPYL ALCOHOL
Concen: 0.69 PPBV m
RT: 5.838 min Scan# 1833
Delta R.T. 0.013 min
Lab File: Q3917.D
Acq: 5 Jul 2007 8:23 pm

Tgt Ion: 45 Resp: 19589

Ion	Ratio	Lower	Upper
45	100		
59	0.0	0.0	23.7
43	26.0	0.0	39.7

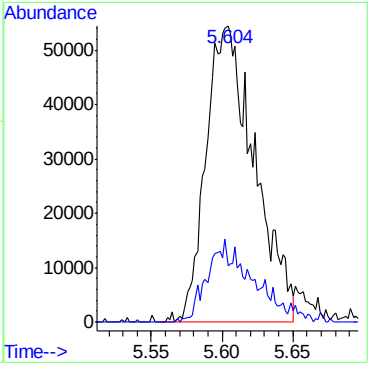


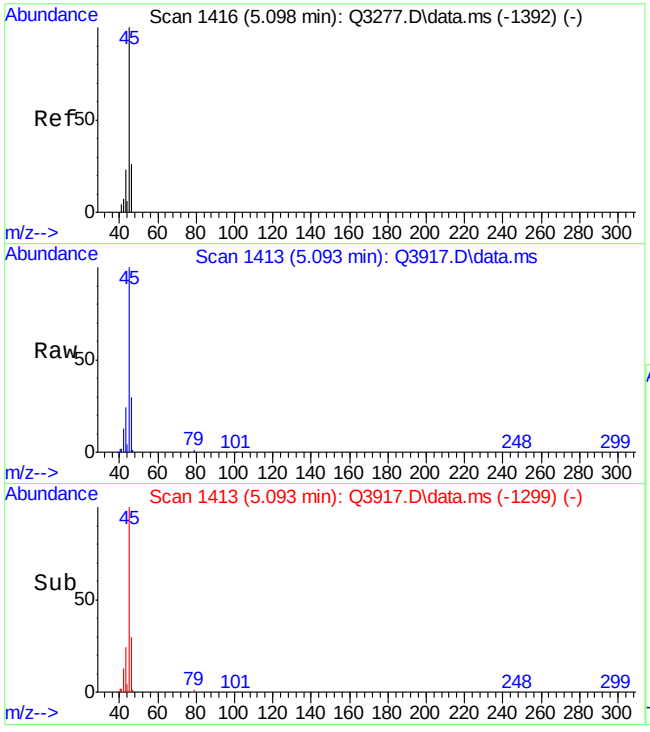


#12
ACETONE
Concen: 4.41 PPBV
RT: 5.604 min Scan# 1701
Delta R.T. 0.015 min
Lab File: Q3917.D
Acq: 5 Jul 2007 8:23 pm

Tgt Ion: 43 Resp: 130237

Ion	Ratio	Lower	Upper
43	100		
58	26.1	9.0	49.0

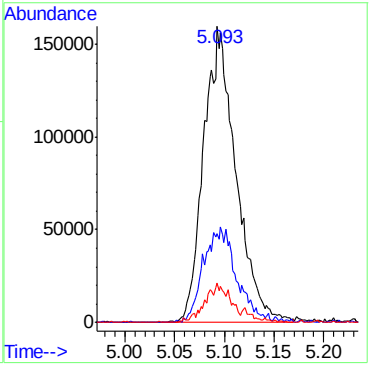


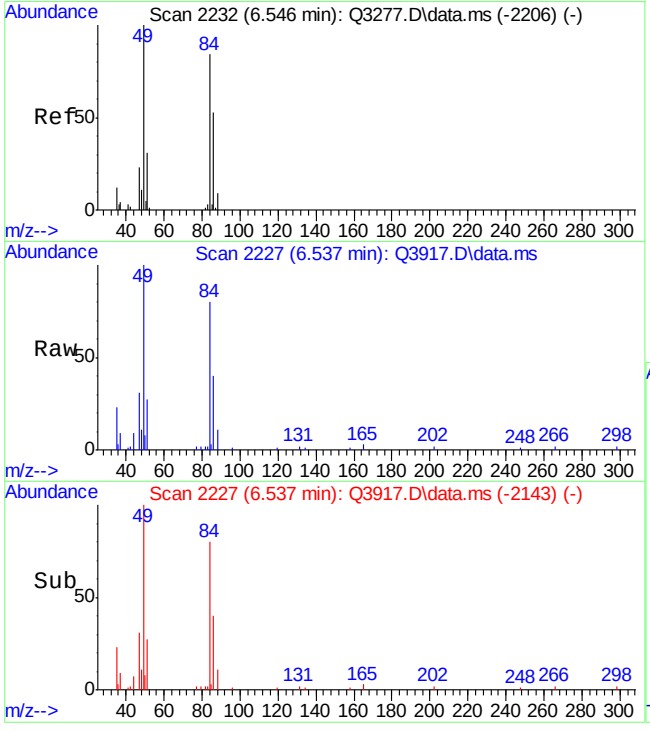


#16
ETHANOL
Concen: 75.63 PPBV
RT: 5.093 min Scan# 1413
Delta R.T. -0.003 min
Lab File: Q3917.D
Acq: 5 Jul 2007 8:23 pm

Tgt Ion: 45 Resp: 358971

Ion	Ratio	Lower	Upper
45	100		
46	33.2	14.7	54.7
42	11.4	0.0	28.4

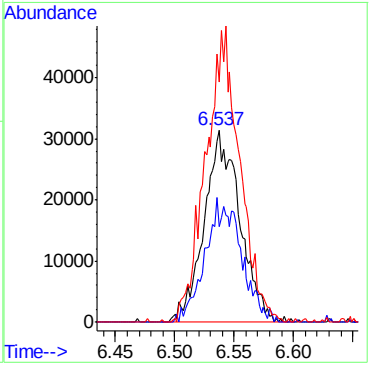


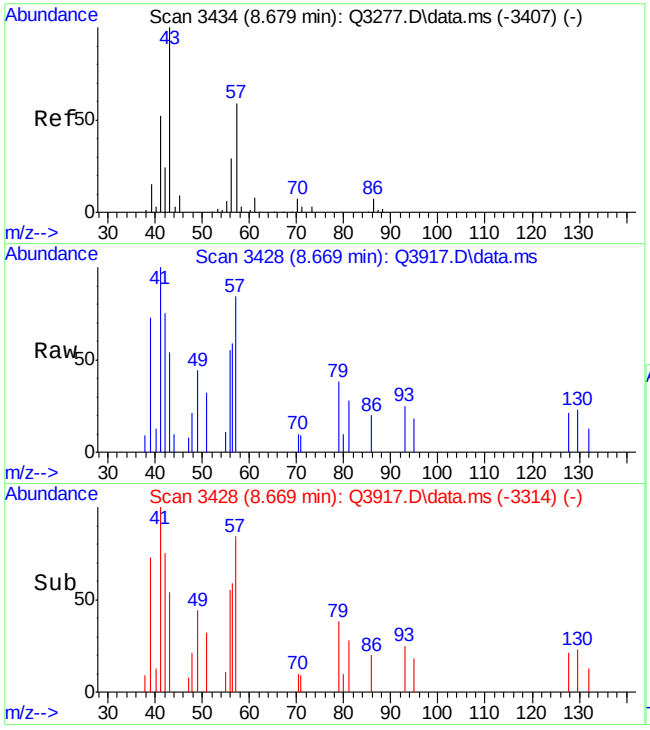


#18
METHYLENE CHLORIDE
Concen: 3.10 PPBV
RT: 6.537 min Scan# 2227
Delta R.T. -0.002 min
Lab File: Q3917.D
Acq: 5 Jul 2007 8:23 pm

Tgt Ion: 84 Resp: 65465

Ion	Ratio	Lower	Upper
84	100		
86	64.6	44.1	84.1
49	146.4	0.0	372.3

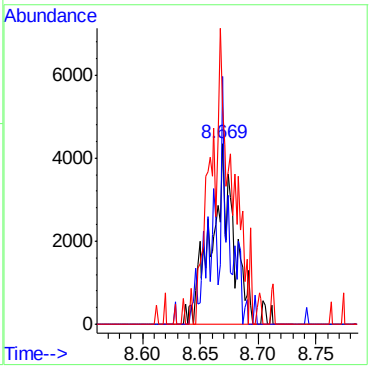


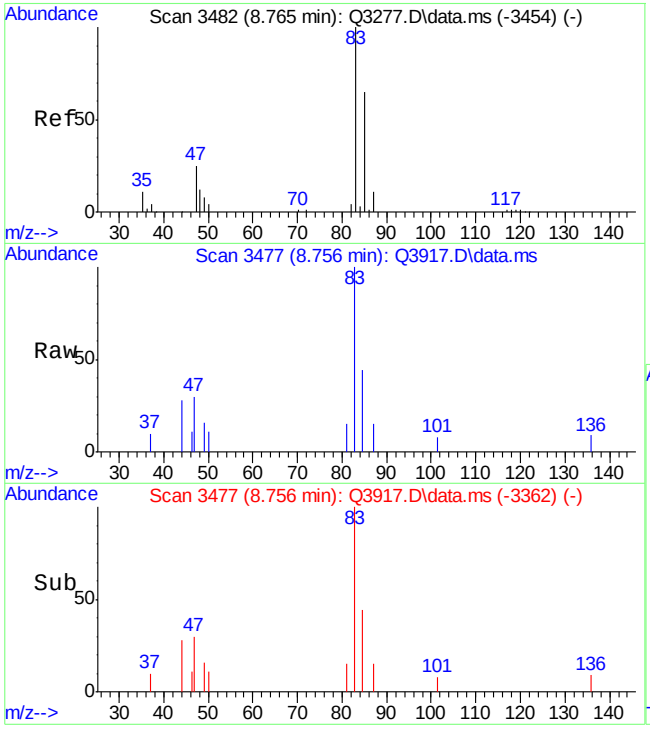


#25
HEXANE
Concen: 0.41 PPBV m
RT: 8.669 min Scan# 3428
Delta R.T. -0.003 min
Lab File: Q3917.D
Acq: 5 Jul 2007 8:23 pm

Tgt Ion: 57 Resp: 5952

Ion	Ratio	Lower	Upper
57	100		
56	38.9	34.3	74.3
41	149.5	58.9	98.9#

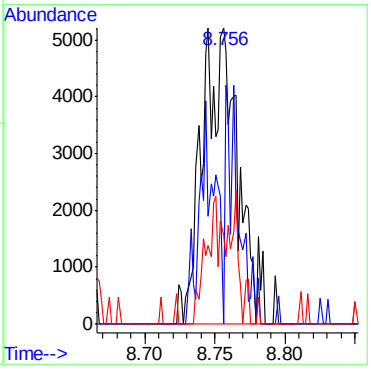


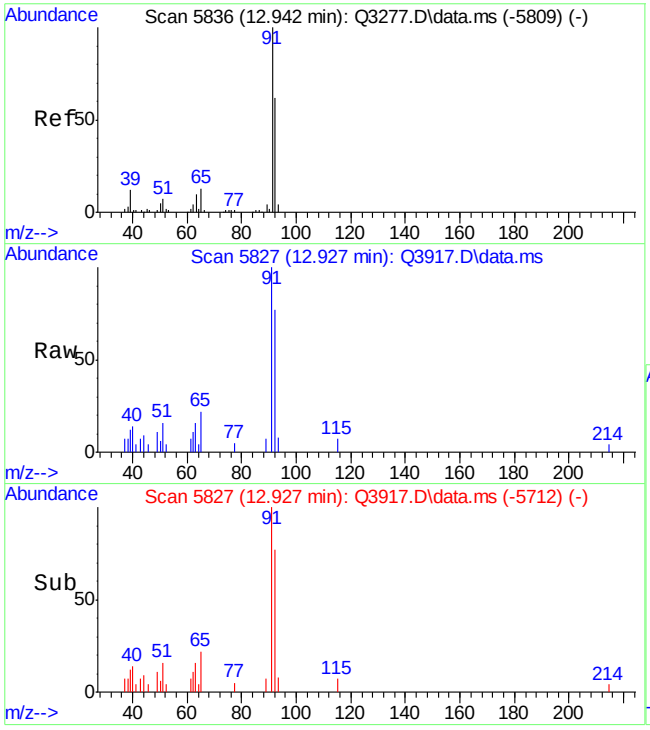


#31
CHLOROFORM
Concen: 0.28 PPBV m
RT: 8.756 min Scan# 3477
Delta R.T. -0.002 min
Lab File: Q3917.D
Acq: 5 Jul 2007 8:23 pm

Tgt Ion: 83 Resp: 9257

Ion	Ratio	Lower	Upper
83	100		
85	32.7	44.2	84.2#
47	0.0	11.8	51.8#

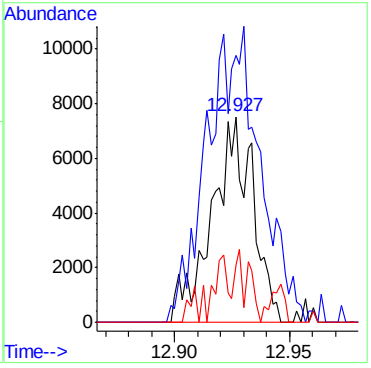




#46
TOLUENE
Concen: 0.83 PPBV
RT: 12.927 min Scan# 5827
Delta R.T. -0.001 min
Lab File: Q3917.D
Acq: 5 Jul 2007 8:23 pm

Tgt Ion: 92 Resp: 9298

Ion	Ratio	Lower	Upper
92	100		
91	188.2	149.0	189.0
65	27.8	4.1	44.1



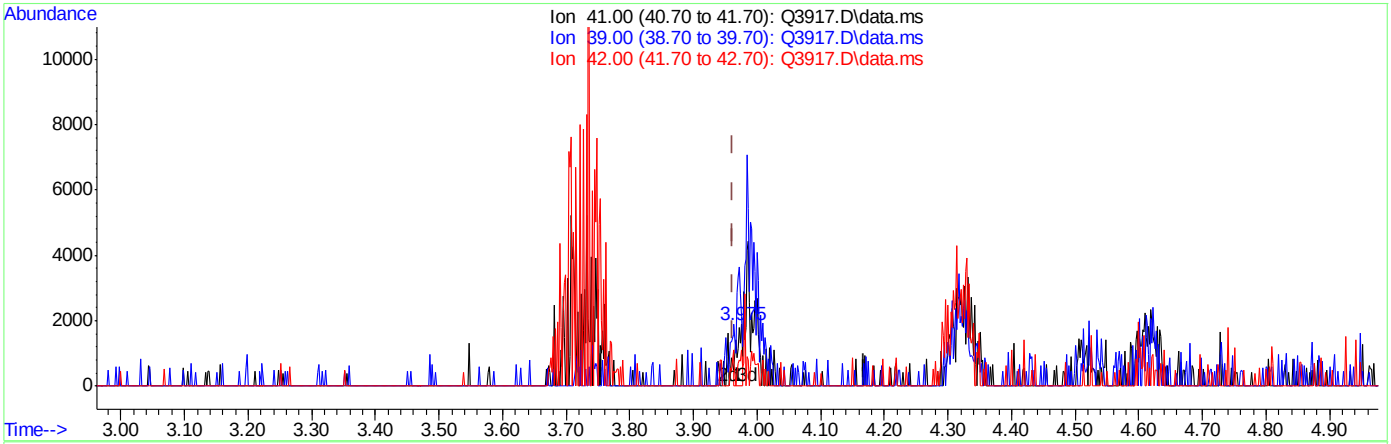
6.1.1

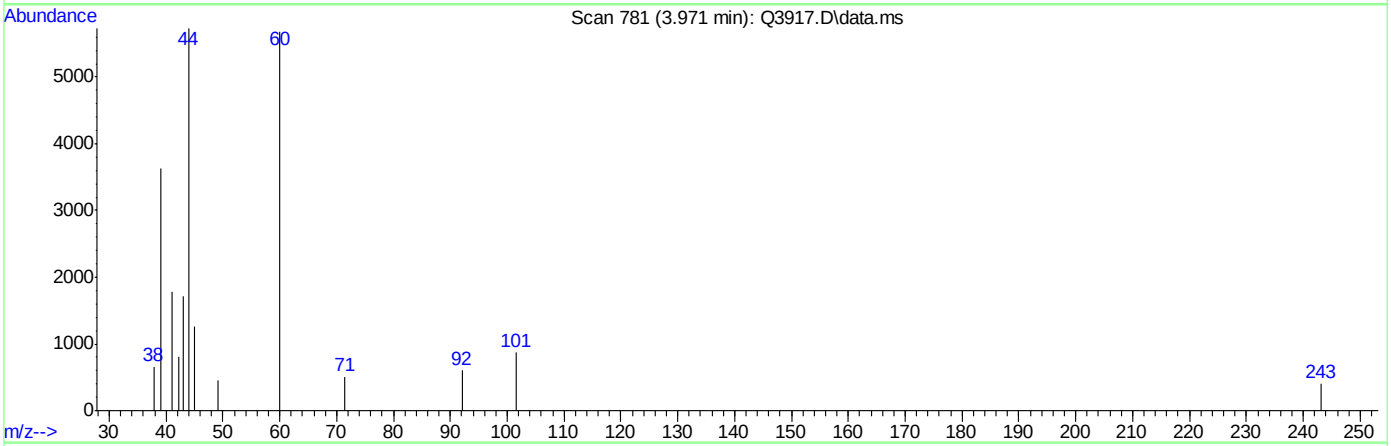
6

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3917.D
Acq On : 5 Jul 2007 8:23 pm
Operator : PhilipB
Sample : M66023-1
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 06 07:36:20 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3917.D\data.ms

(3) PROPYLENE (m)

3.971min (+0.008) 0.10PPBV

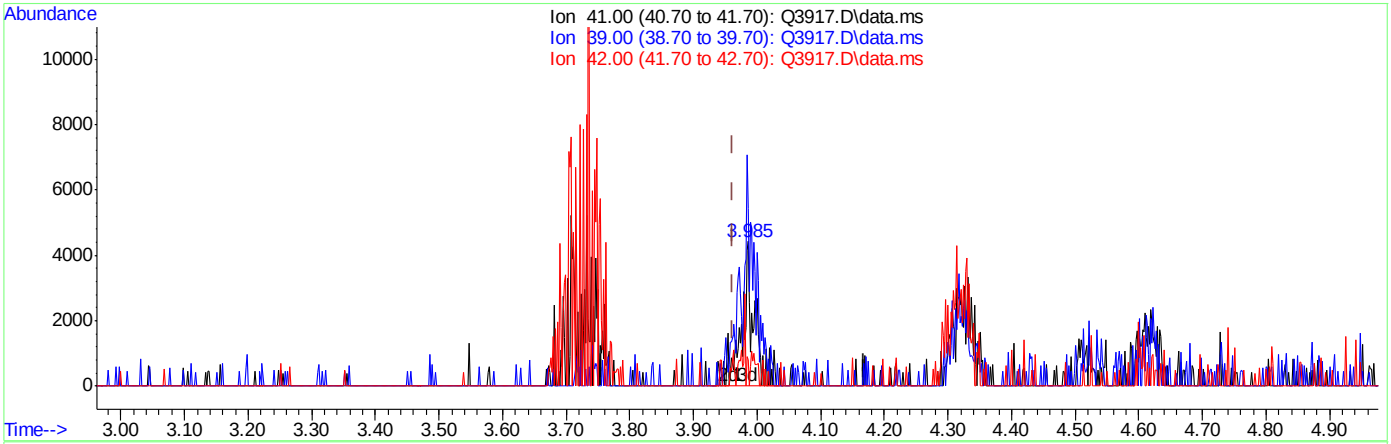
response 1056

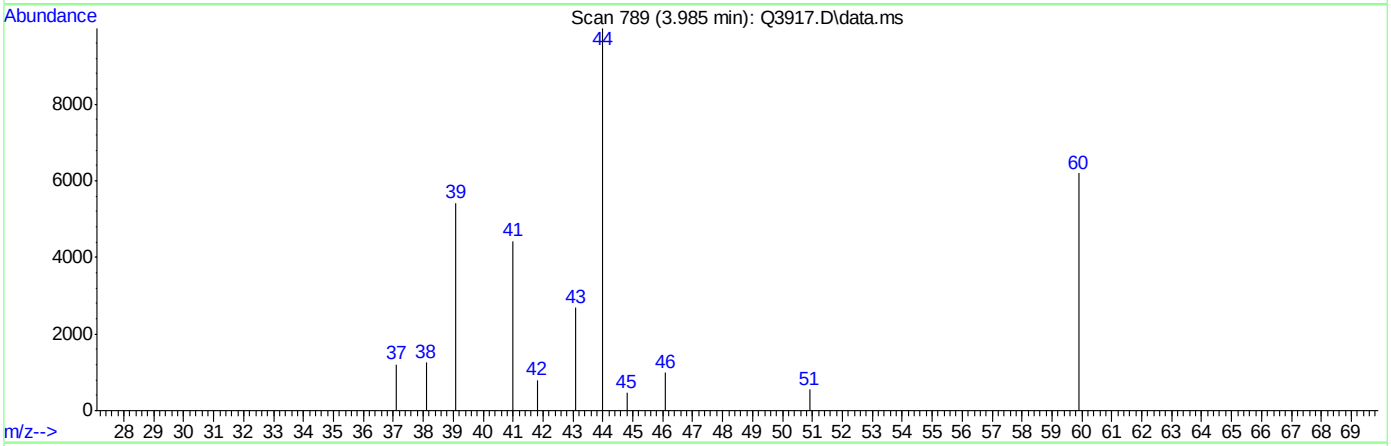
Ion	Exp%	Act%
41.00	100	100
39.00	72.50	203.42#
42.00	67.80	44.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3917.D
Acq On : 5 Jul 2007 8:23 pm
Operator : PhilipB
Sample : M66023-1
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 06 07:36:20 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3917.D\data.ms

(3) PROPYLENE (m)

3.985min (+0.022) 0.59PPBV m

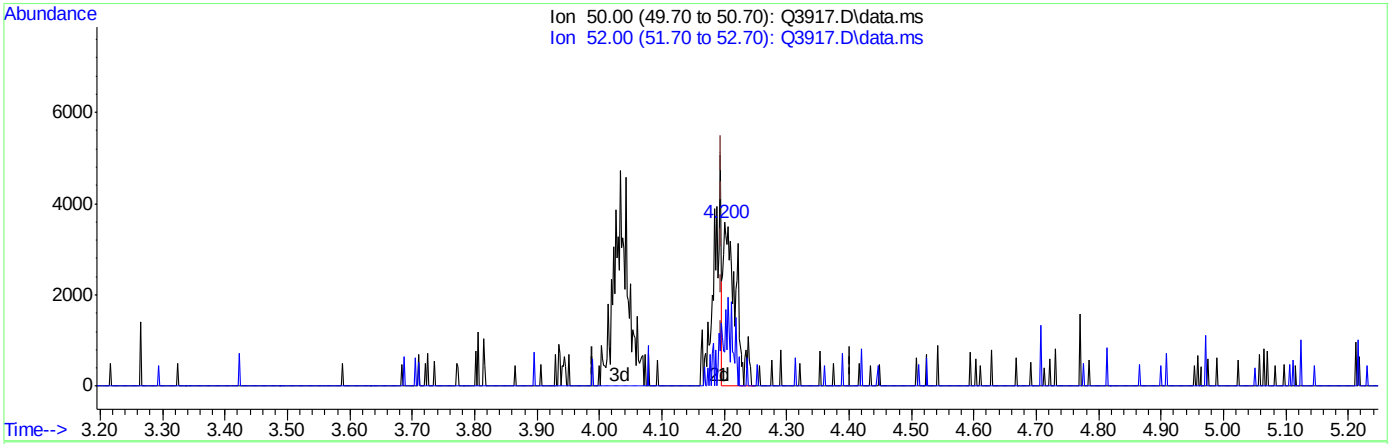
response 6107

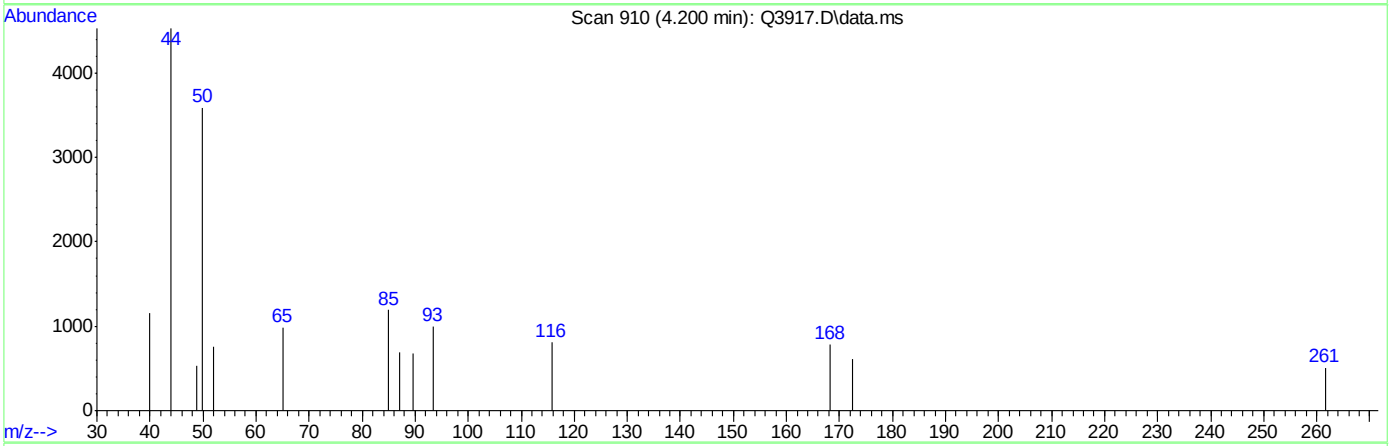
Ion	Exp%	Act%
41.00	100	100
39.00	72.50	122.71#
42.00	67.80	18.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3917.D
Acq On : 5 Jul 2007 8:23 pm
Operator : PhilipB
Sample : M66023-1
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 06 07:36:20 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3917.D\data.ms

(5) CHLOROMETHANE (m)

4.200min (+0.004) 0.33PPBV

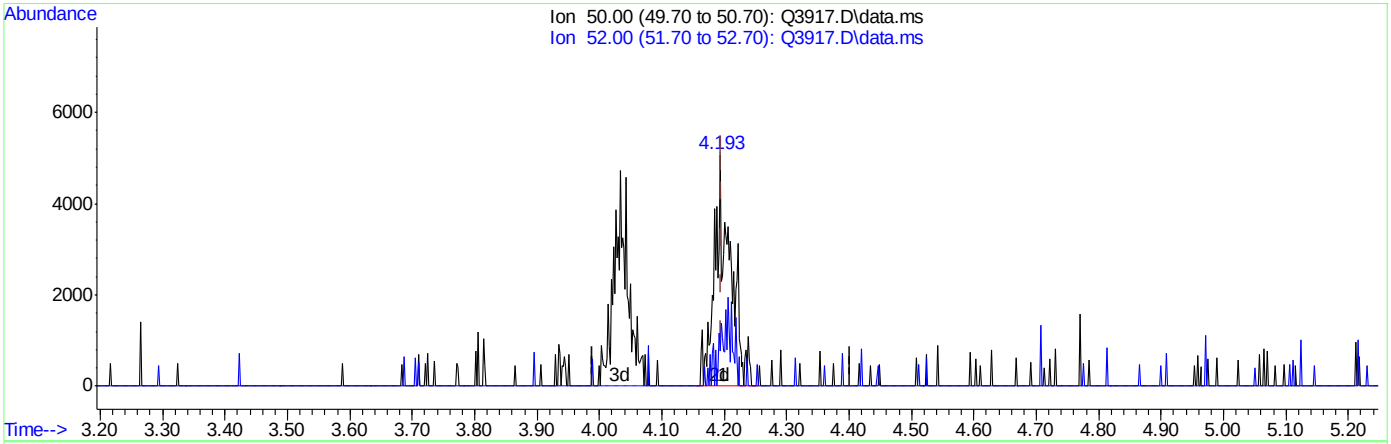
response 5148

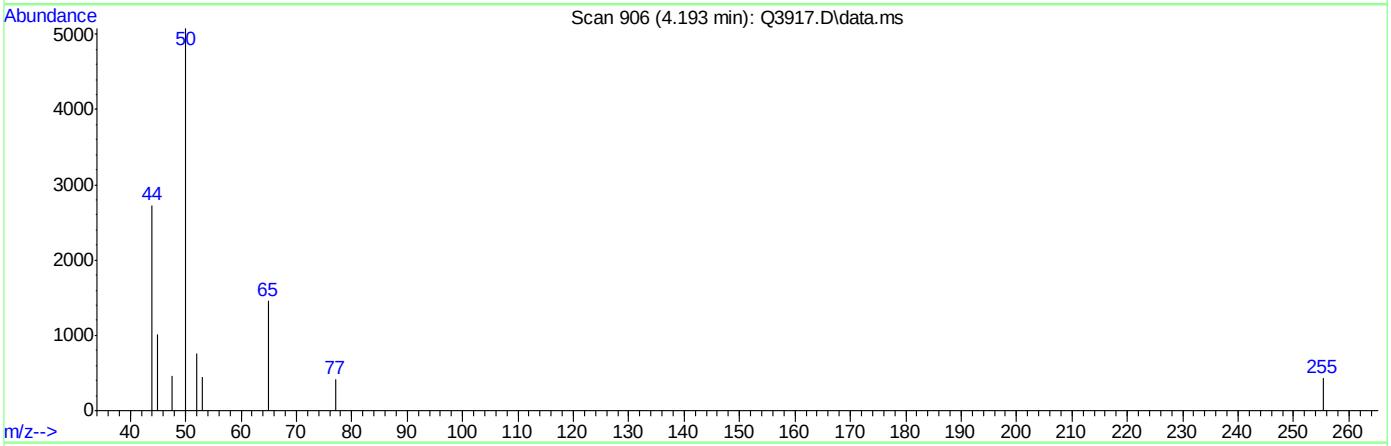
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	2.86#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3917.D
Acq On : 5 Jul 2007 8:23 pm
Operator : PhilipB
Sample : M66023-1
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 06 07:36:20 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3917.D\data.ms

(5) CHLOROMETHANE (m)

4.193min (-0.003) 0.57PPBV m

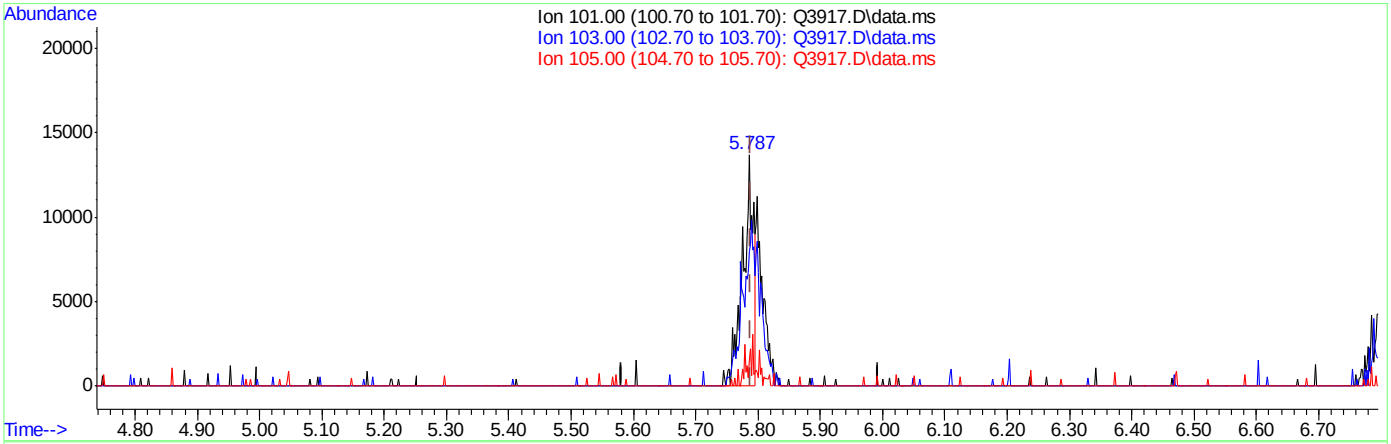
response 8909

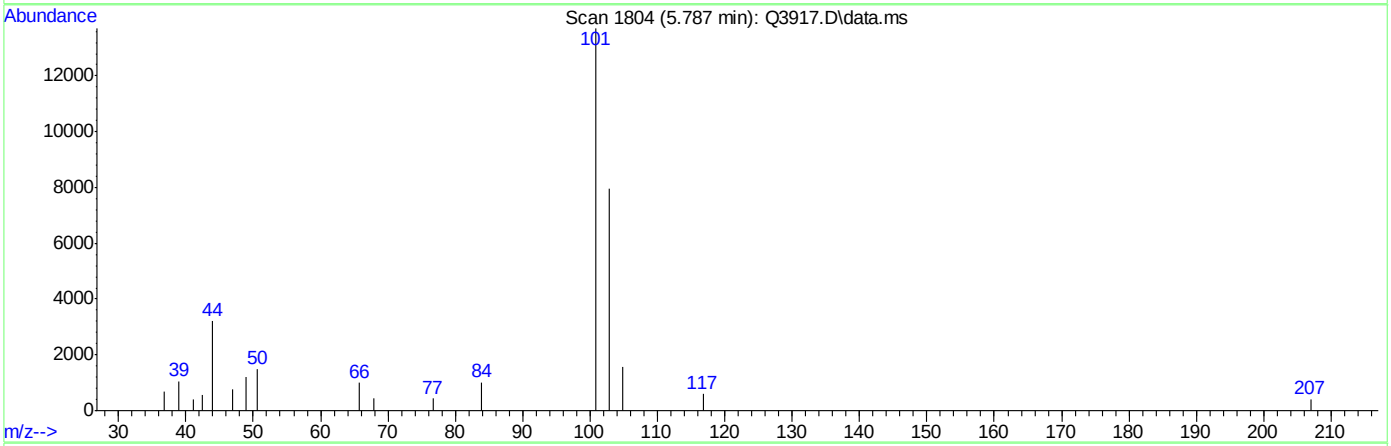
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	15.02
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3917.D
Acq On : 5 Jul 2007 8:23 pm
Operator : PhilipB
Sample : M66023-1
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 06 07:36:20 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3917.D\data.ms

(10) TRICHLOROFLUOROMETHANE (m)

5.787min (-0.002) 0.16PPBV

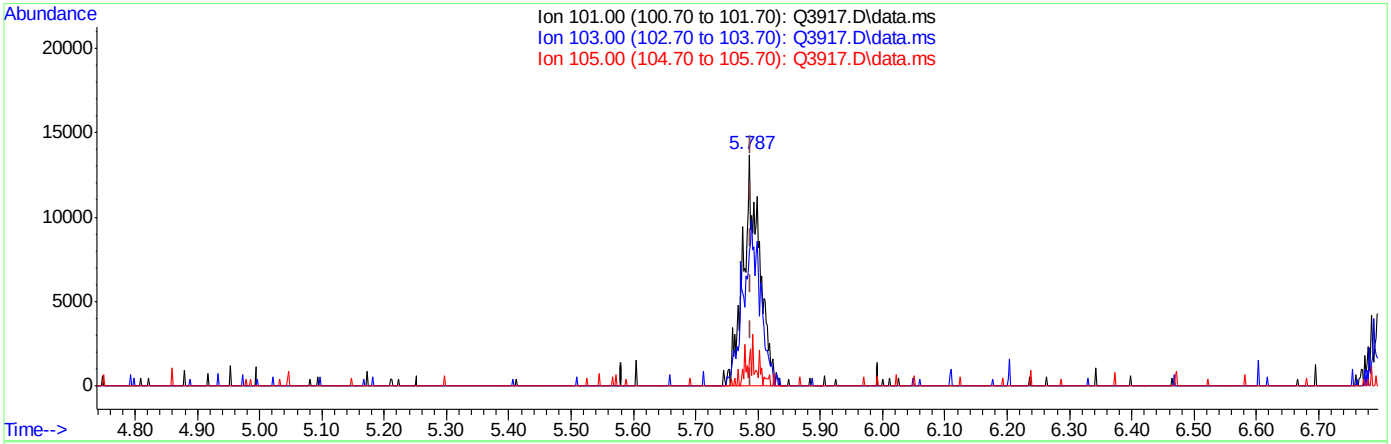
response 16429

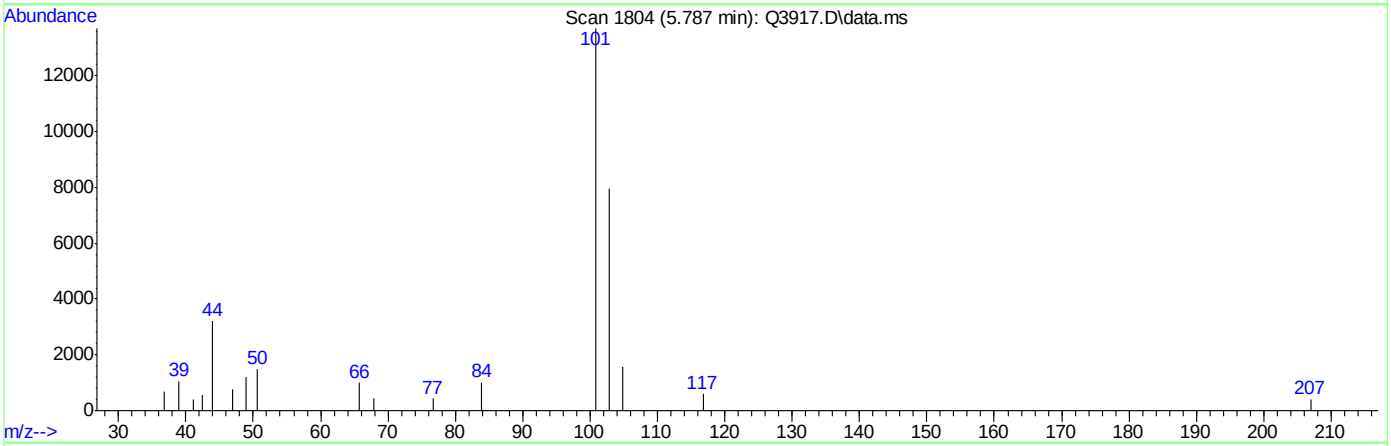
Ion	Exp%	Act%
101.00	100	100
103.00	64.30	115.95#
105.00	10.20	11.45
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3917.D
Acq On : 5 Jul 2007 8:23 pm
Operator : PhilipB
Sample : M66023-1
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 06 07:36:20 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3917.D\data.ms

(10) TRICHLOROFLUOROMETHANE (m)

5.787min (-0.002) 0.25PPBV m

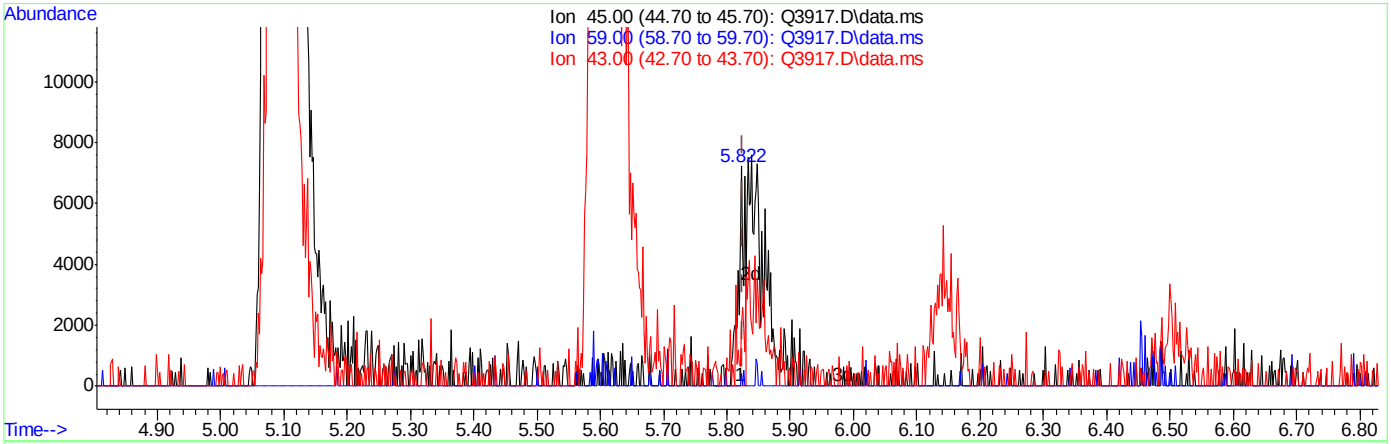
response 25310

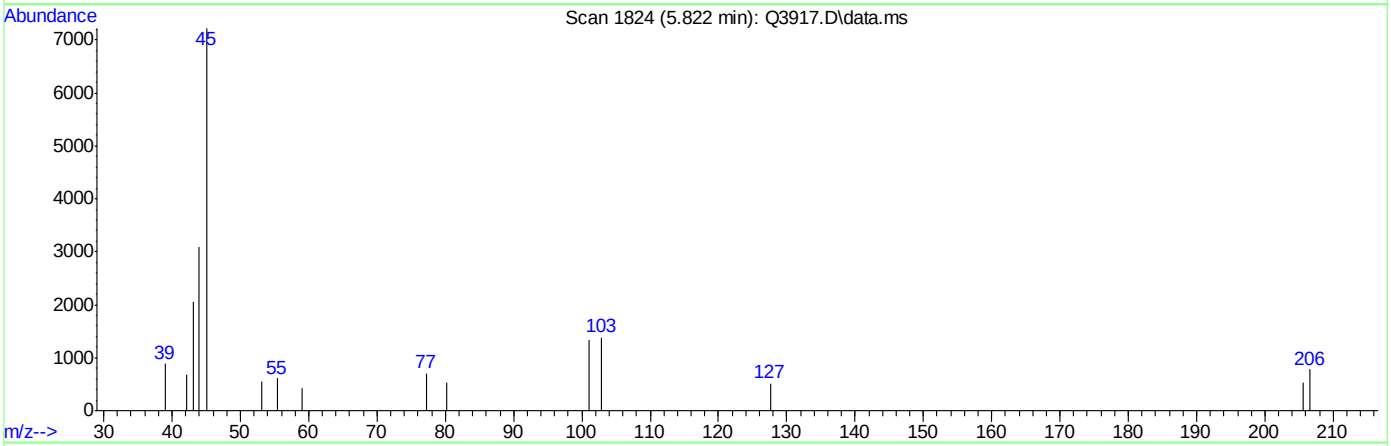
Ion	Exp%	Act%
101.00	100	100
103.00	64.30	75.27
105.00	10.20	7.43
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3917.D
Acq On : 5 Jul 2007 8:23 pm
Operator : PhilipB
Sample : M66023-1
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 06 07:36:20 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3917.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.822min (-0.003) 0.17PPBV

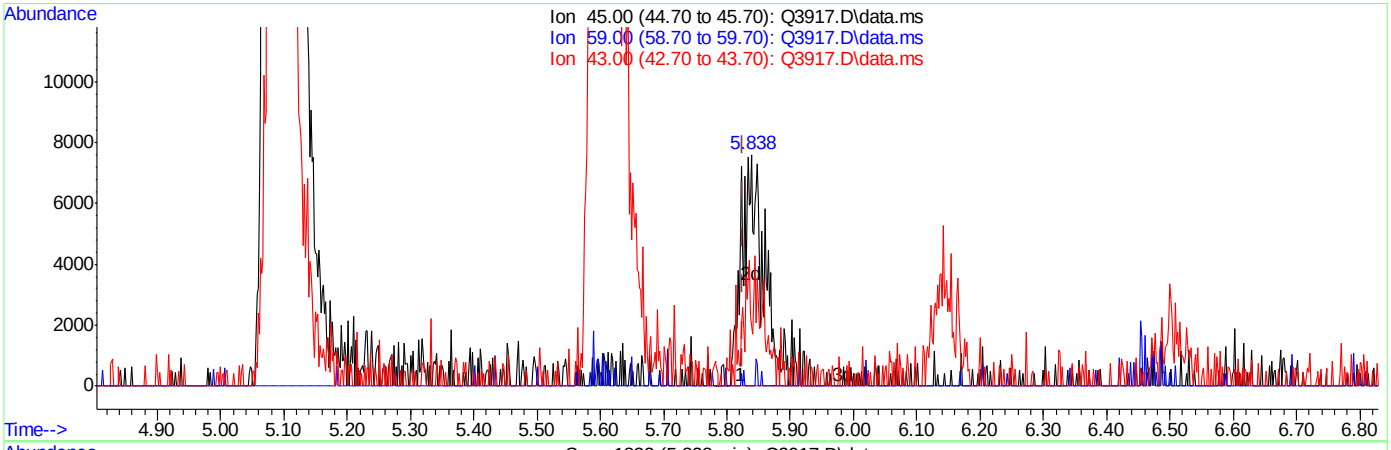
response 4818

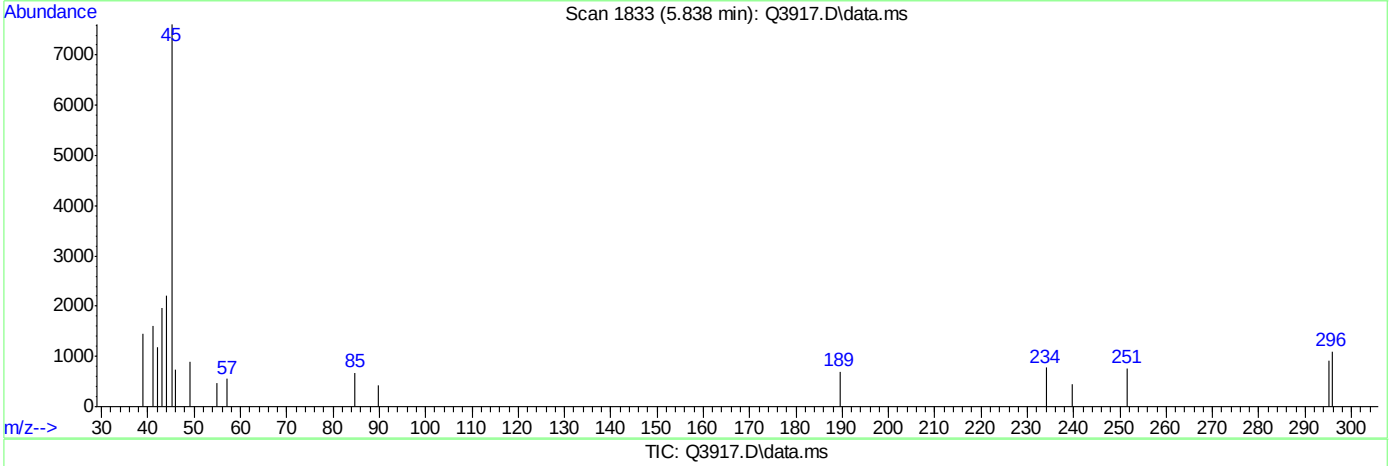
Ion	Exp%	Act%
45.00	100	100
59.00	3.70	5.96
43.00	19.70	28.44
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3917.D
Acq On : 5 Jul 2007 8:23 pm
Operator : PhilipB
Sample : M66023-1
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 06 07:36:20 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3917.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.838min (+0.013) 0.69PPBV m

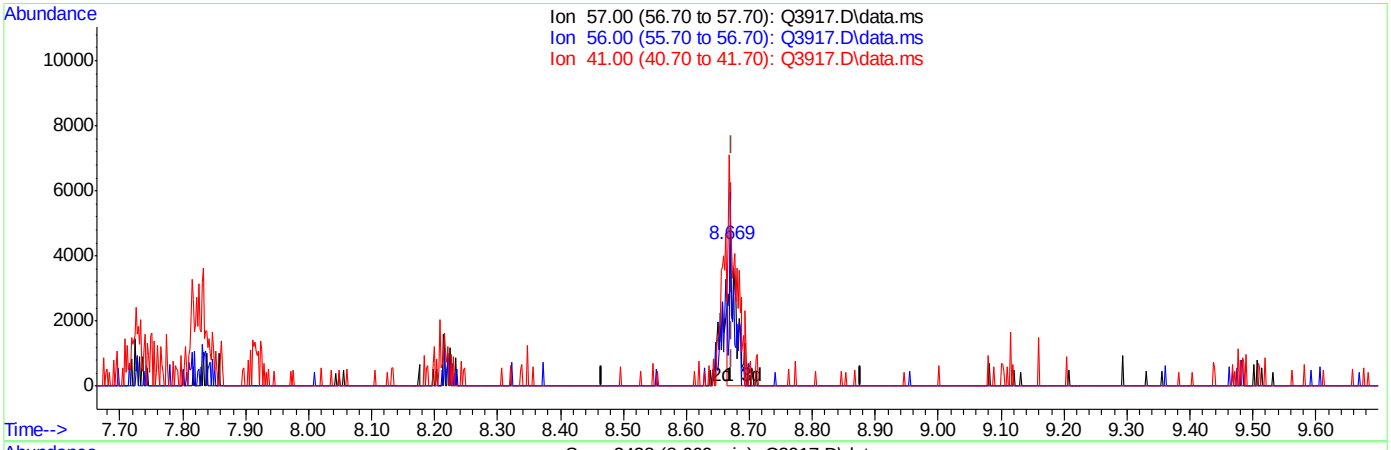
response 19589

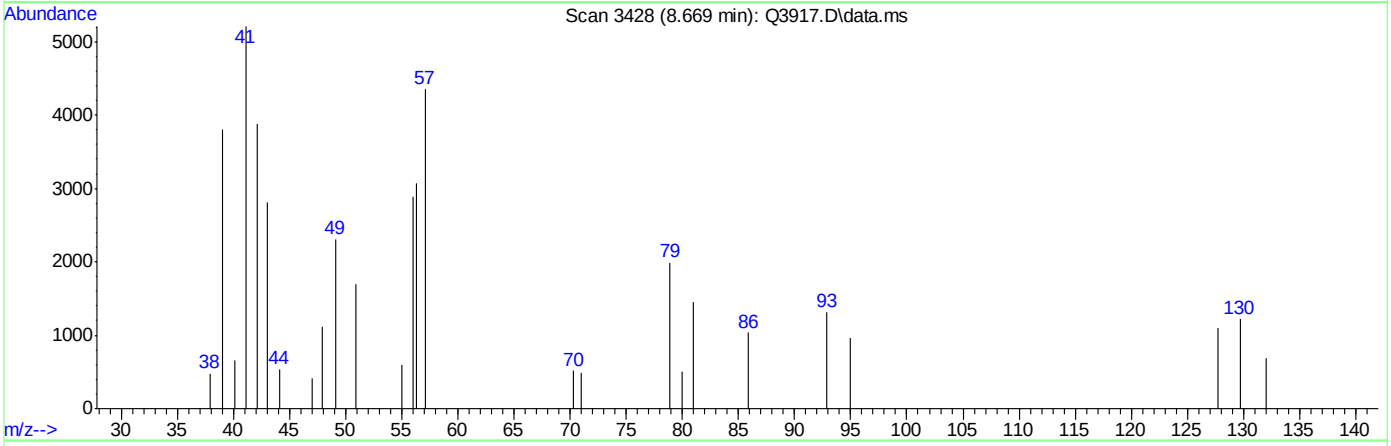
Ion	Exp%	Act%
45.00	100	100
59.00	3.70	0.00
43.00	19.70	25.96
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3917.D
Acq On : 5 Jul 2007 8:23 pm
Operator : PhilipB
Sample : M66023-1
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 06 07:36:20 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3917.D\data.ms

(25) HEXANE (m)

8.669min (-0.003) 0.25PPBV

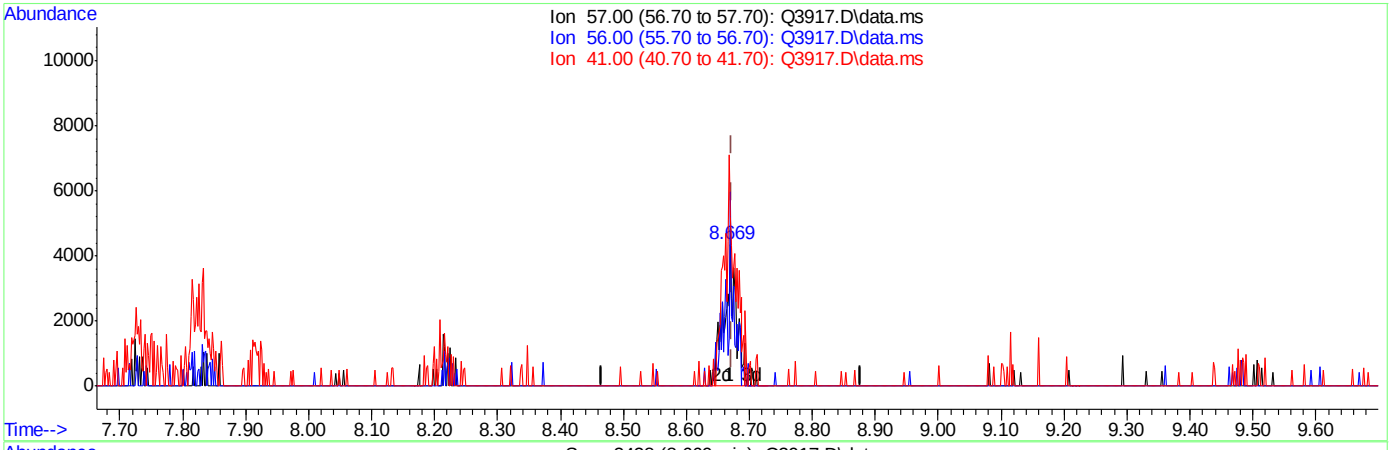
response 3629

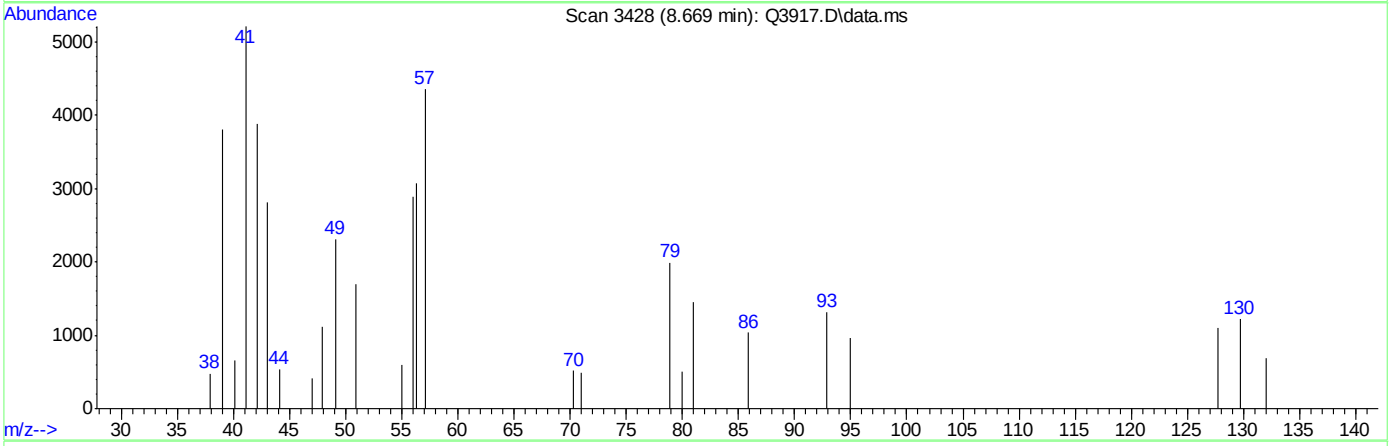
Ion	Exp%	Act%
57.00	100	100
56.00	54.30	63.74
41.00	78.90	245.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3917.D
Acq On : 5 Jul 2007 8:23 pm
Operator : PhilipB
Sample : M66023-1
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 06 07:36:20 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3917.D\data.ms

(25) HEXANE (m)

8.669min (-0.003) 0.41PPBV m

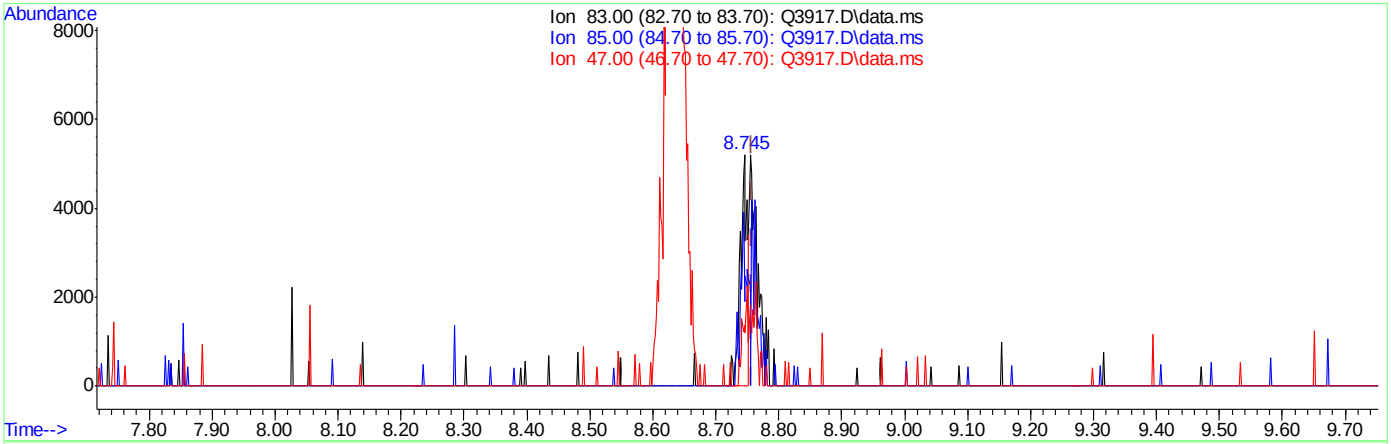
response 5952

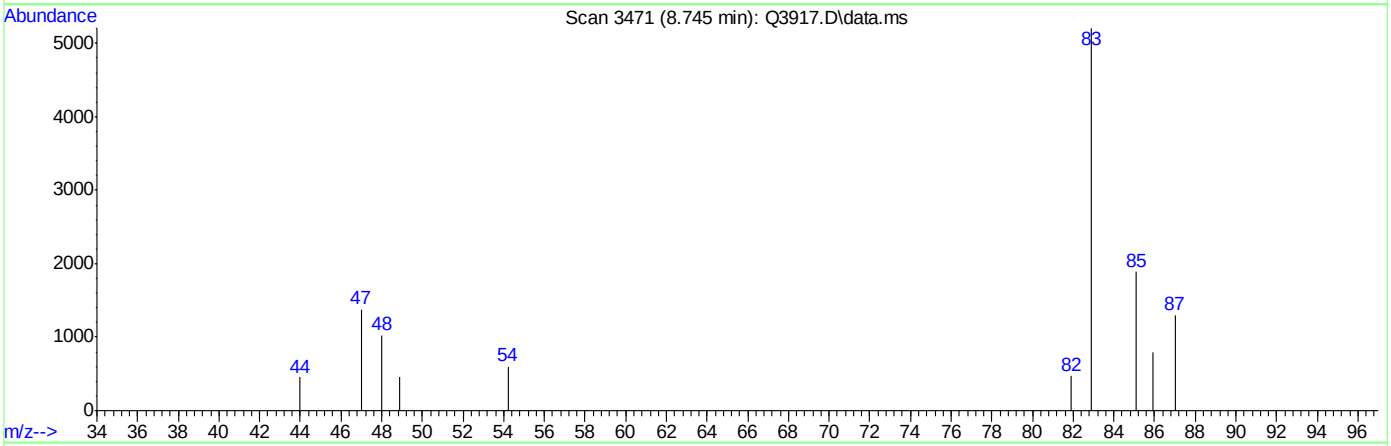
Ion	Exp%	Act%
57.00	100	100
56.00	54.30	38.86
41.00	78.90	149.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3917.D
Acq On : 5 Jul 2007 8:23 pm
Operator : PhilipB
Sample : M66023-1
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 06 07:36:20 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3917.D\data.ms

(31) CHLOROFORM (m)

8.745min (-0.012) 0.13PPBV

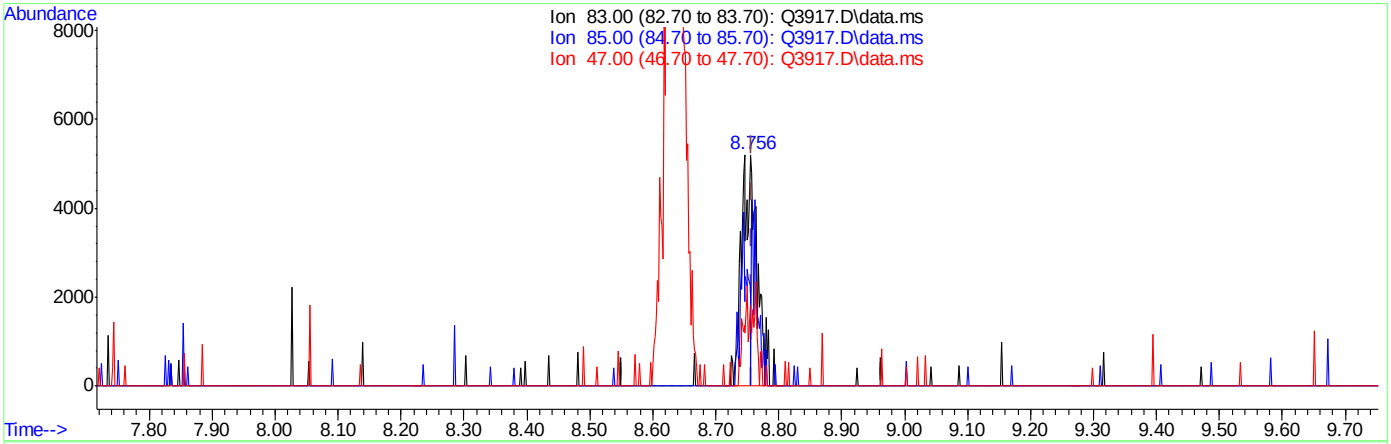
response 4252

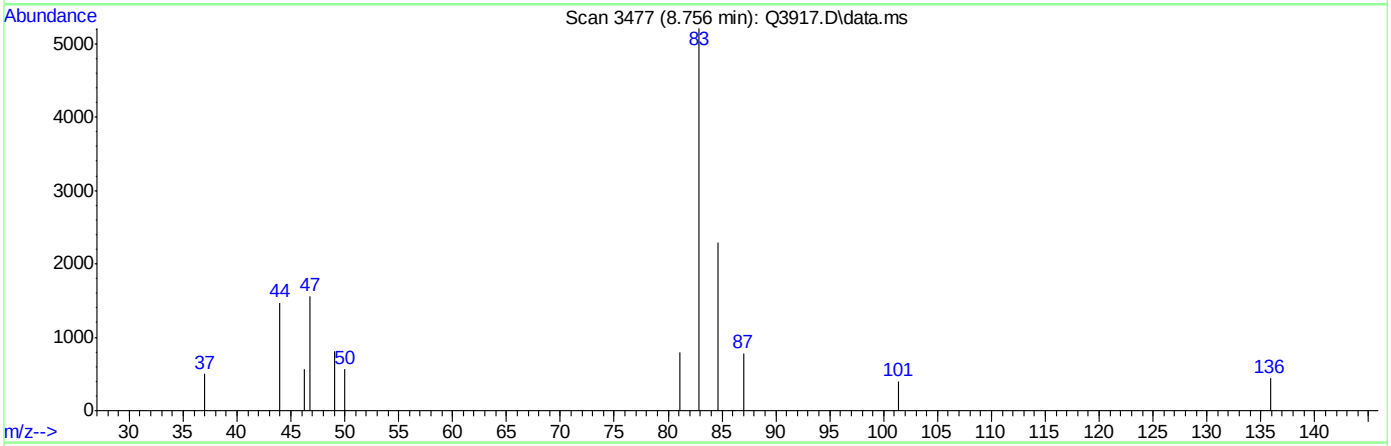
Ion	Exp%	Act%
83.00	100	100
85.00	64.20	71.24
47.00	31.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3917.D
Acq On : 5 Jul 2007 8:23 pm
Operator : PhilipB
Sample : M66023-1
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 06 07:36:20 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3917.D\data.ms

(31) CHLOROFORM (m)

8.756min (-0.002) 0.28PPBV m

response 9257

Ion	Exp%	Act%
83.00	100	100
85.00	64.20	32.72#
47.00	31.80	0.00#
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 07/11/07 12:09

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3918.D
Acq On : 5 Jul 2007 9:07 pm
Operator : PhilipB
Sample : M66023-2
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 06 07:41:29 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	75353	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.461	114	350414	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.710	117	304618	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.329	95	132601	4.49	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 89.80%

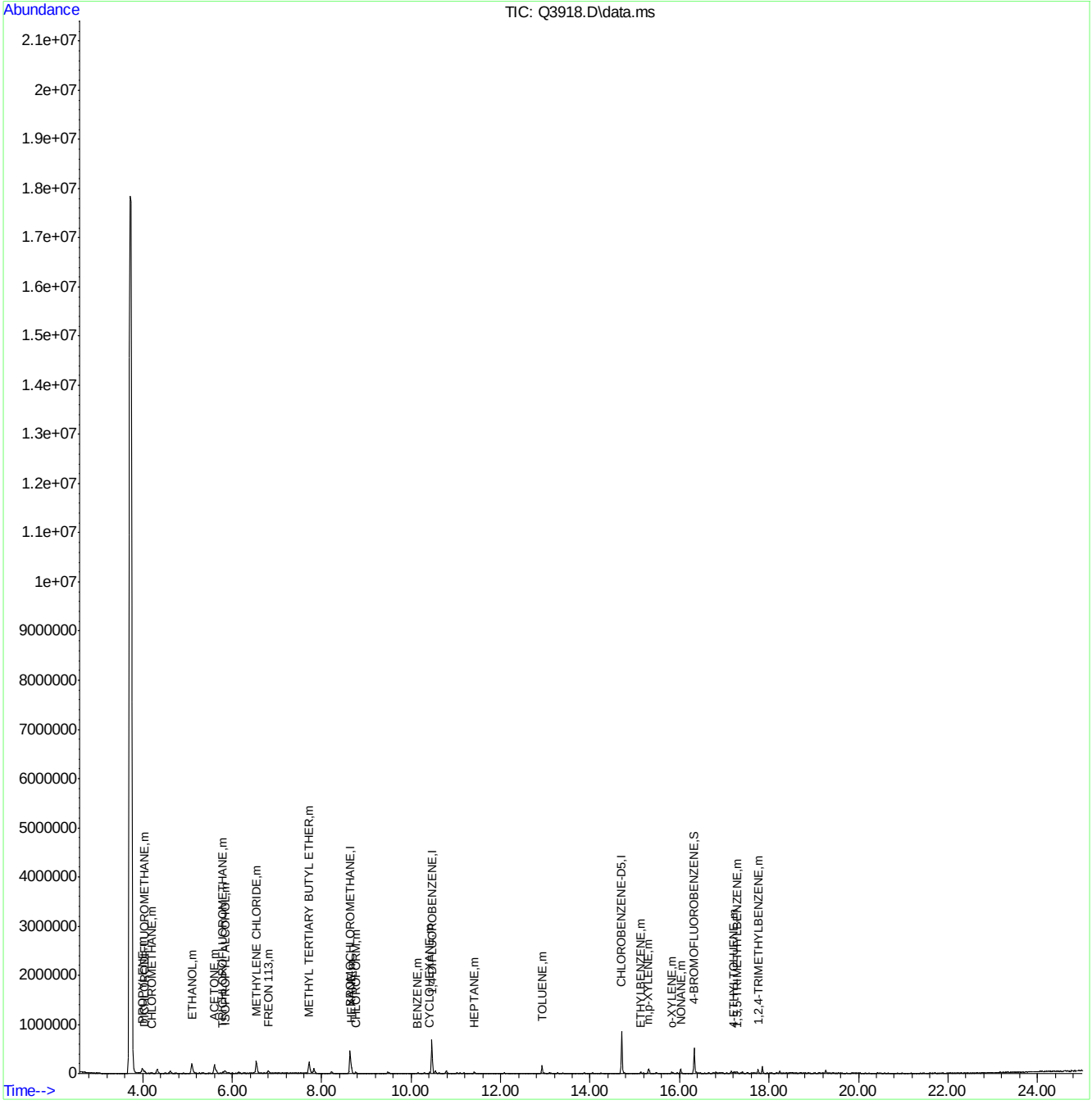
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.039	85	43966	0.51	PPBV	85
3) PROPYLENE	3.991	41	34369	3.42	PPBV #	28
5) CHLOROMETHANE	4.209	50	8086m	0.53	PPBV	
10) TRICHLOROFLUOROMETHANE	5.794	101	26262m	0.27	PPBV	
11) ISOPROPYL ALCOHOL	5.836	45	71231	2.58	PPBV	82
12) ACETONE	5.602	43	270608	9.50	PPBV	85
16) ETHANOL	5.095	45	247985	54.18	PPBV	98
18) METHYLENE CHLORIDE	6.546	84	113937	6.29	PPBV	84
20) FREON 113	6.802	151	13993	0.32	PPBV	88
23) METHYL TERTIARY BUTYL ...	7.716	73	176325	4.36	PPBV	81
25) HEXANE	8.667	57	23250	1.65	PPBV #	59
31) CHLOROFORM	8.752	83	14625	0.46	PPBV	91
36) BENZENE	10.153	78	7397	0.32	PPBV #	75
37) CYCLOHEXANE	10.415	84	5124m	0.51	PPBV	
43) HEPTANE	11.407	43	7395	0.58	PPBV #	69
46) TOLUENE	12.928	92	43970	3.67	PPBV	90
55) ETHYLBENZENE	15.129	91	14357m	0.46	PPBV	
56) m,p-XYLENE	15.303	106	21054m	1.88	PPBV	
57) o-XYLENE	15.828	106	6886	0.60	PPBV #	77
59) NONANE	16.024	43	22914	1.15	PPBV	87
65) 4-ETHYLTOLUENE	17.202	105	9198	0.71	PPBV	85
66) 1,3,5-TRIMETHYLBENZENE	17.293	105	8020	0.24	PPBV	86
67) 1,2,4-TRIMETHYLBENZENE	17.756	105	27473	1.37	PPBV	92

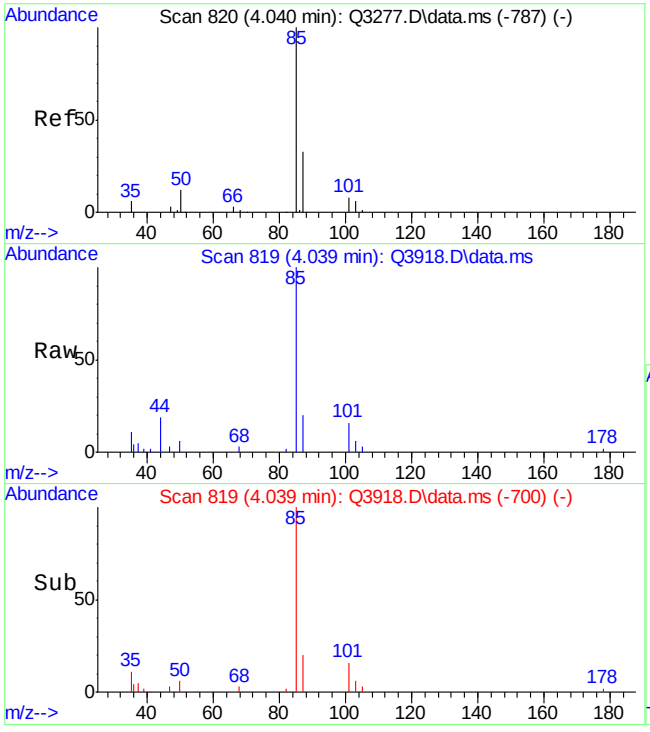
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3918.D
Acq On : 5 Jul 2007 9:07 pm
Operator : PhilipB
Sample : M66023-2
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 06 07:41:29 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration

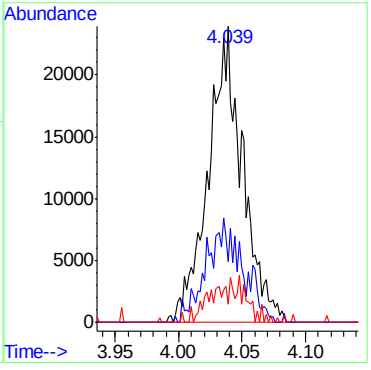


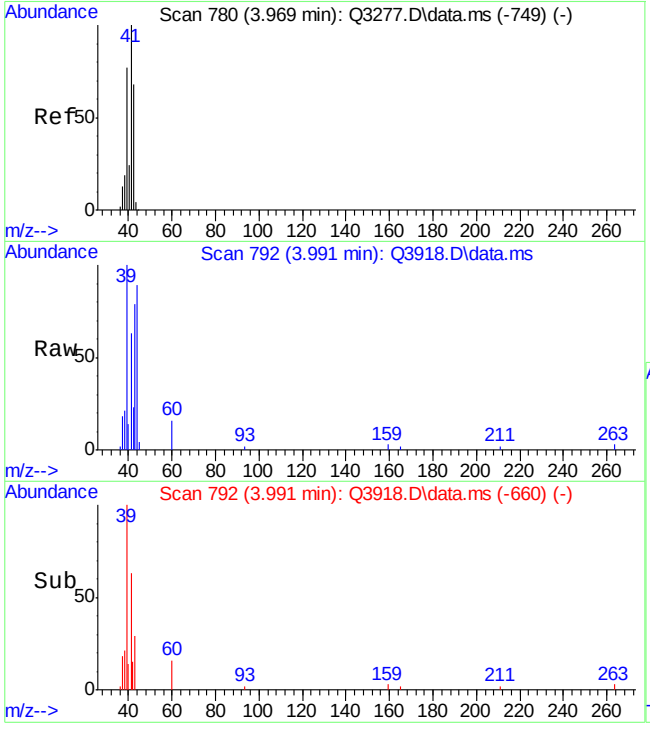


#2
DICHLORODIFLUOROMETHANE
Concen: 0.51 PPBV
RT: 4.039 min Scan# 819
Delta R.T. 0.005 min
Lab File: Q3918.D
Acq: 5 Jul 2007 9:07 pm

Tgt Ion: 85 Resp: 43966

Ion	Ratio	Lower	Upper
85	100		
87	36.6	12.1	52.1
50	1.4	0.0	33.8

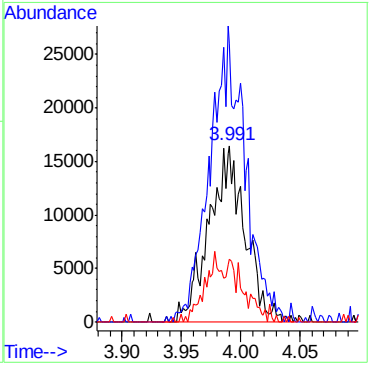


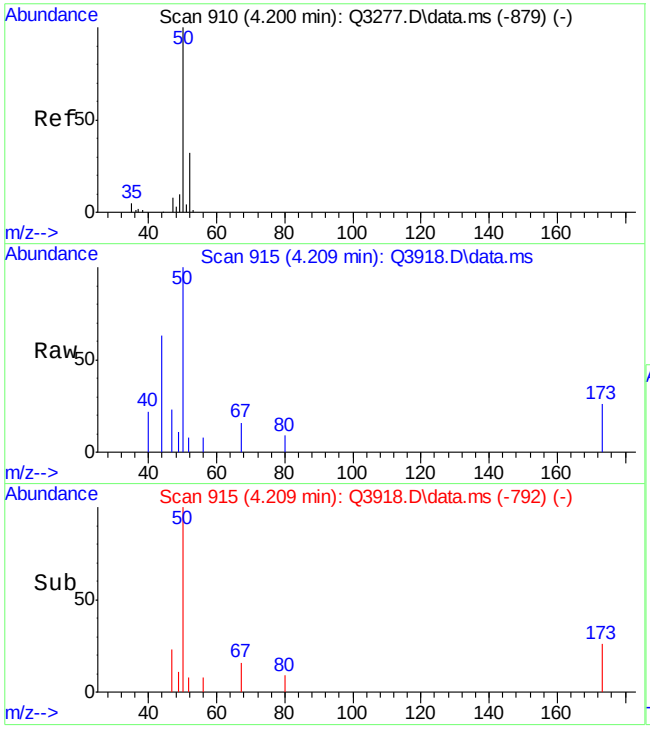


#3
PROPYLENE
Concen: 3.42 PPBV
RT: 3.991 min Scan# 792
Delta R.T. 0.028 min
Lab File: Q3918.D
Acq: 5 Jul 2007 9:07 pm

Tgt Ion: 41 Resp: 34369

Ion	Ratio	Lower	Upper
41	100		
39	157.9	52.5	92.5#
42	35.8	47.8	87.8#

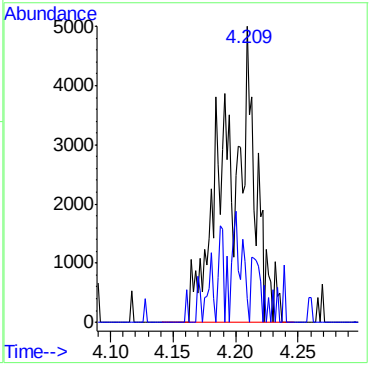


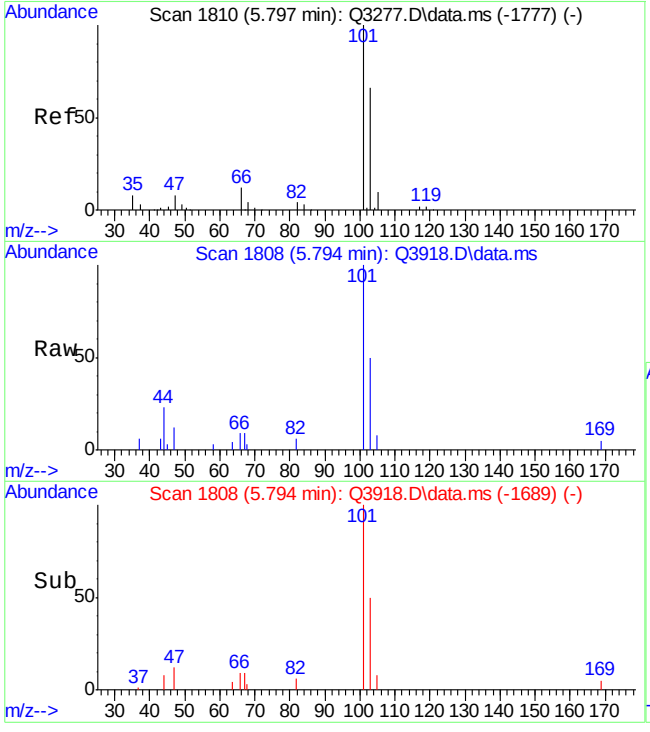


#5
CHLOROMETHANE
Concen: 0.53 PPBV m
RT: 4.209 min Scan# 915
Delta R.T. 0.013 min
Lab File: Q3918.D
Acq: 5 Jul 2007 9:07 pm

Tgt Ion: 50 Resp: 8086

Ion	Ratio	Lower	Upper
50	100		
52	8.1	12.2	52.2#

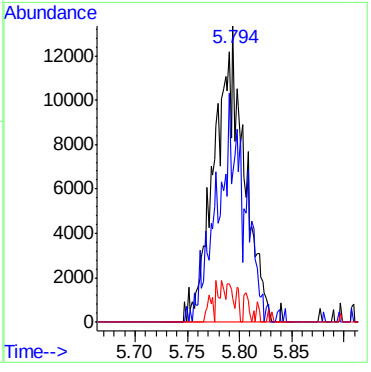


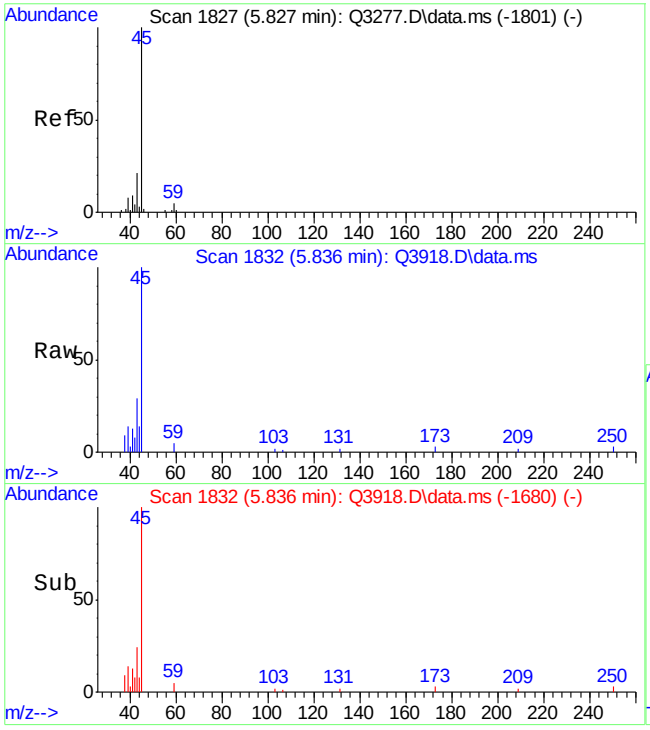


#10
TRICHLOROFLUOROMETHANE
Concen: 0.27 PPBV m
RT: 5.794 min Scan# 1808
Delta R.T. 0.005 min
Lab File: Q3918.D
Acq: 5 Jul 2007 9:07 pm

Tgt Ion:101 Resp: 26262

Ion	Ratio	Lower	Upper
101	100		
103	20.5	44.3	84.3#
105	3.4	0.0	30.2

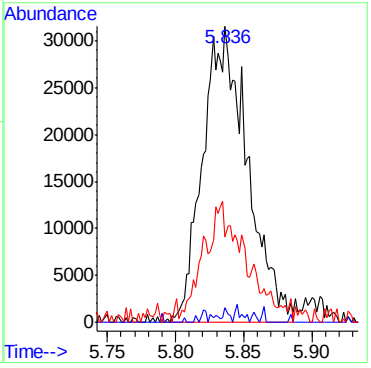


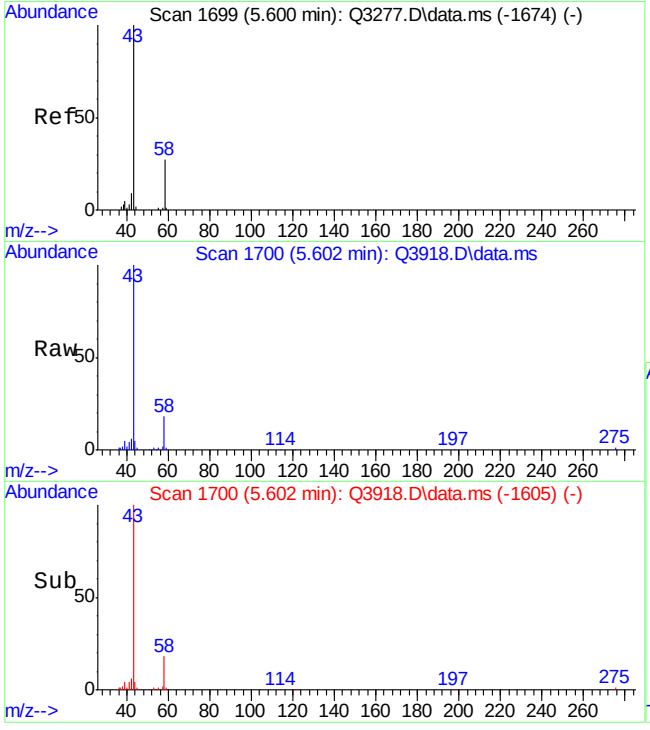


#11
ISOPROPYL ALCOHOL
Concen: 2.58 PPBV
RT: 5.836 min Scan# 1832
Delta R.T. 0.011 min
Lab File: Q3918.D
Acq: 5 Jul 2007 9:07 pm

Tgt Ion: 45 Resp: 71231

Ion	Ratio	Lower	Upper
45	100		
59	5.0	0.0	23.7
43	28.9	0.0	39.7

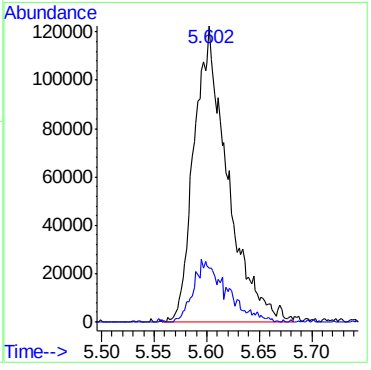


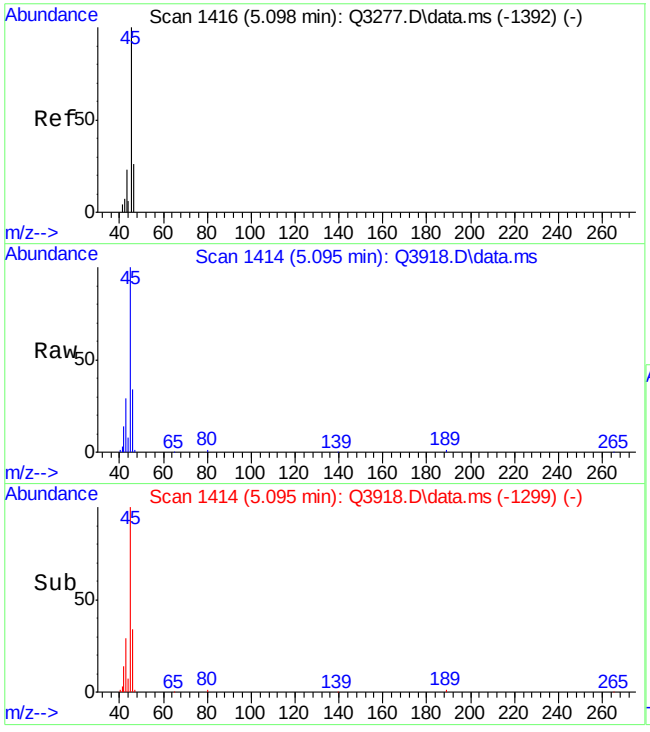


#12
ACETONE
Concen: 9.50 PPBV
RT: 5.602 min Scan# 1700
Delta R.T. 0.013 min
Lab File: Q3918.D
Acq: 5 Jul 2007 9:07 pm

Tgt Ion: 43 Resp: 270608

Ion	Ratio	Lower	Upper
43	100		
58	20.8	9.0	49.0

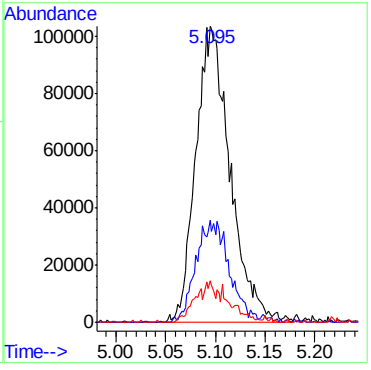


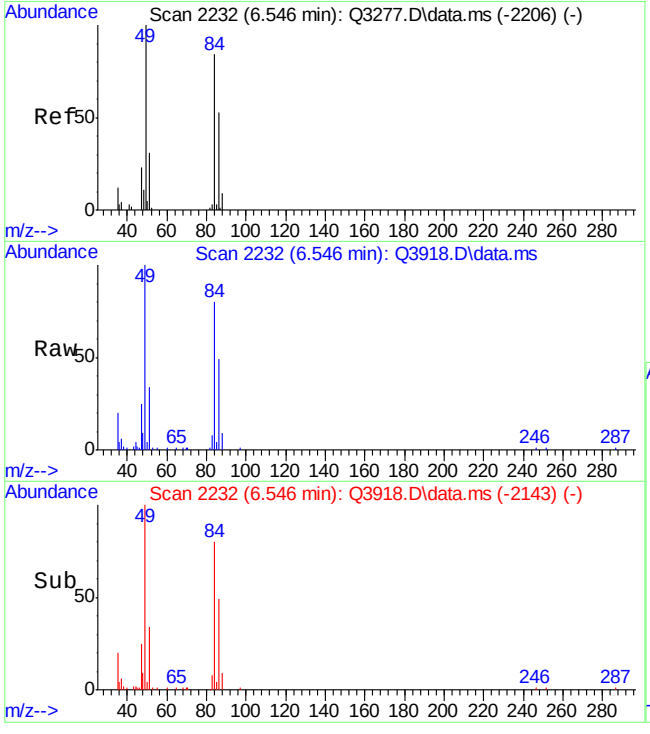


#16
ETHANOL
Concen: 54.18 PPBV
RT: 5.095 min Scan# 1414
Delta R.T. -0.001 min
Lab File: Q3918.D
Acq: 5 Jul 2007 9:07 pm

Tgt Ion: 45 Resp: 247985

Ion	Ratio	Lower	Upper
45	100		
46	33.3	14.7	54.7
42	7.5	0.0	28.4

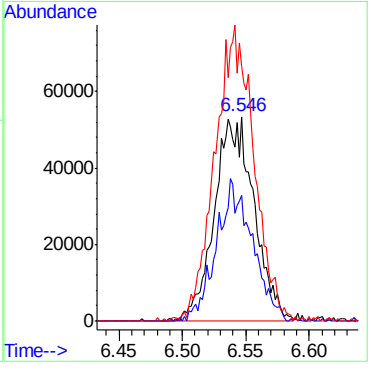


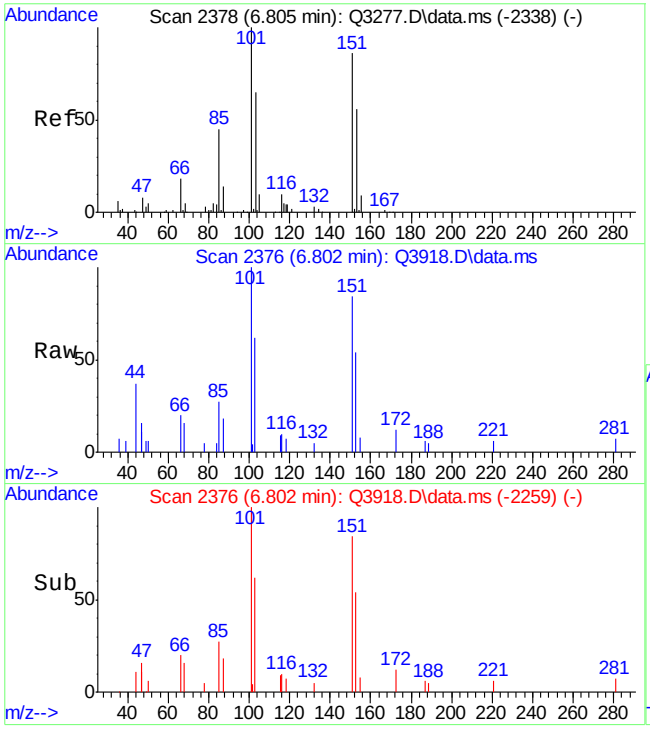


#18
METHYLENE CHLORIDE
Concen: 6.29 PPBV
RT: 6.546 min Scan# 2232
Delta R.T. 0.007 min
Lab File: Q3918.D
Acq: 5 Jul 2007 9:07 pm

Tgt Ion: 84 Resp: 113937

Ion	Ratio	Lower	Upper
84	100		
86	62.8	44.1	84.1
49	143.1	0.0	372.3

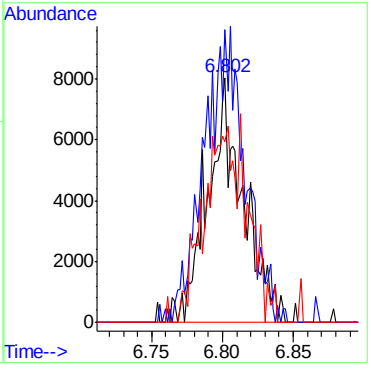


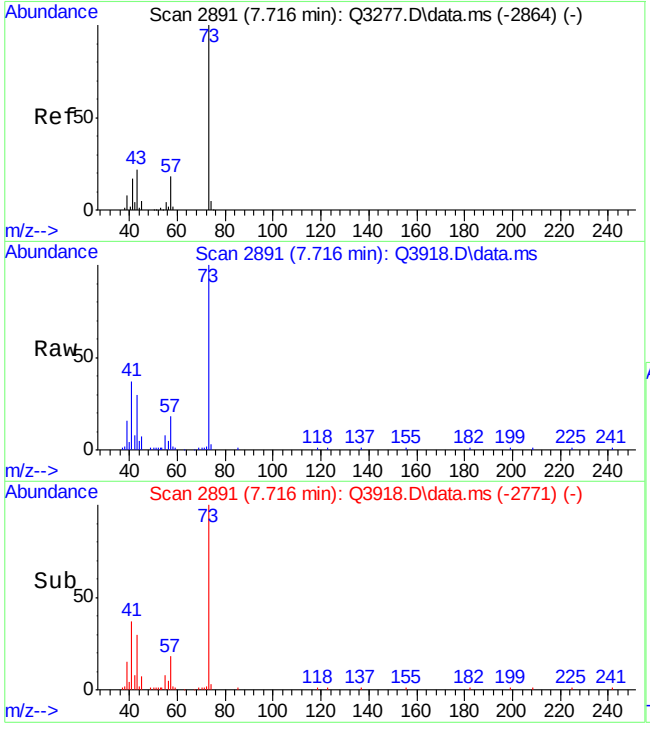


#20
FREON 113
Concen: 0.32 PPBV
RT: 6.802 min Scan# 2376
Delta R.T. 0.002 min
Lab File: Q3918.D
Acq: 5 Jul 2007 9:07 pm

Tgt Ion:151 Resp: 13993

Ion	Ratio	Lower	Upper
151	100		
101	139.0	110.1	150.1
103	98.9	63.0	103.0

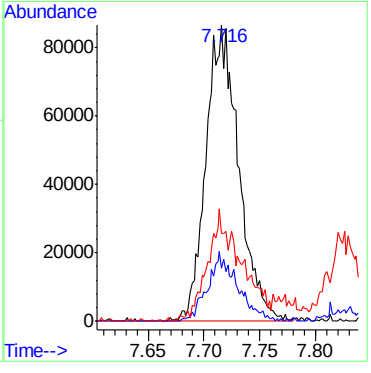




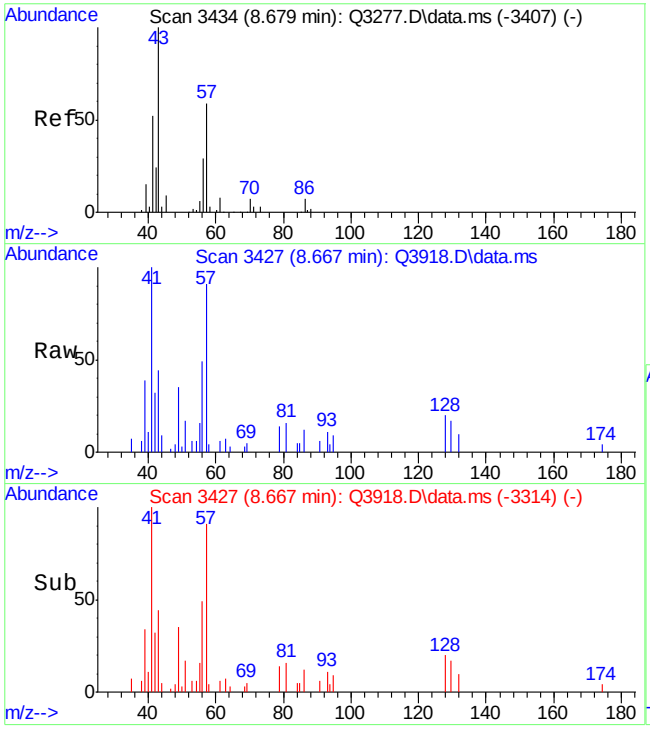
#23
METHYL TERTIARY BUTYL ETHER
Concen: 4.36 PPBV
RT: 7.716 min Scan# 2891
Delta R.T. 0.007 min
Lab File: Q3918.D
Acq: 5 Jul 2007 9:07 pm

Tgt Ion: 73 Resp: 176325

Ion	Ratio	Lower	Upper
73	100		
57	21.0	6.0	46.0
43	40.8	5.9	45.9



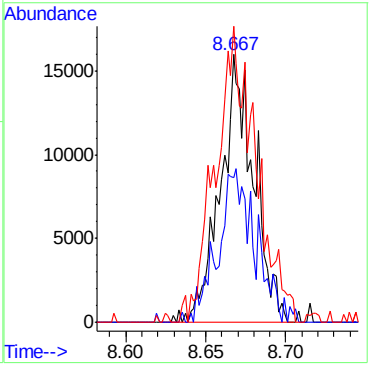
ACCUTEST Laboratories M66023

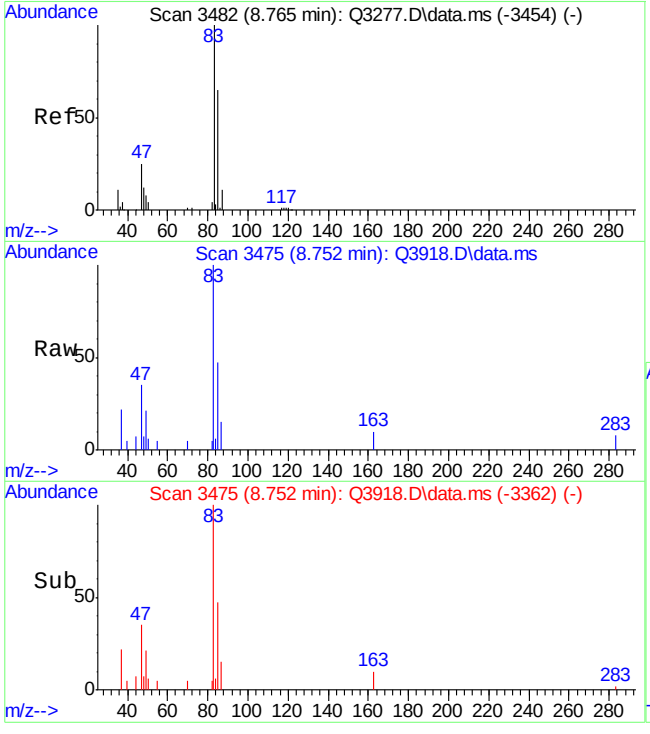


#25
HEXANE
Concen: 1.65 PPBV
RT: 8.667 min Scan# 3427
Delta R.T. -0.005 min
Lab File: Q3918.D
Acq: 5 Jul 2007 9:07 pm

Tgt Ion: 57 Resp: 23250

Ion	Ratio	Lower	Upper
57	100		
56	63.4	34.3	74.3
41	132.2	58.9	98.9#

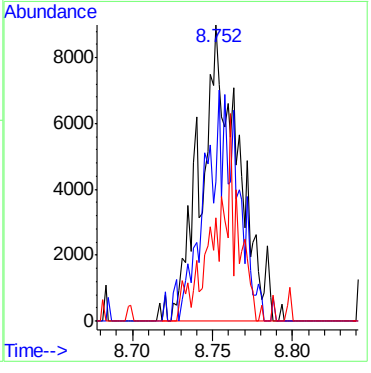


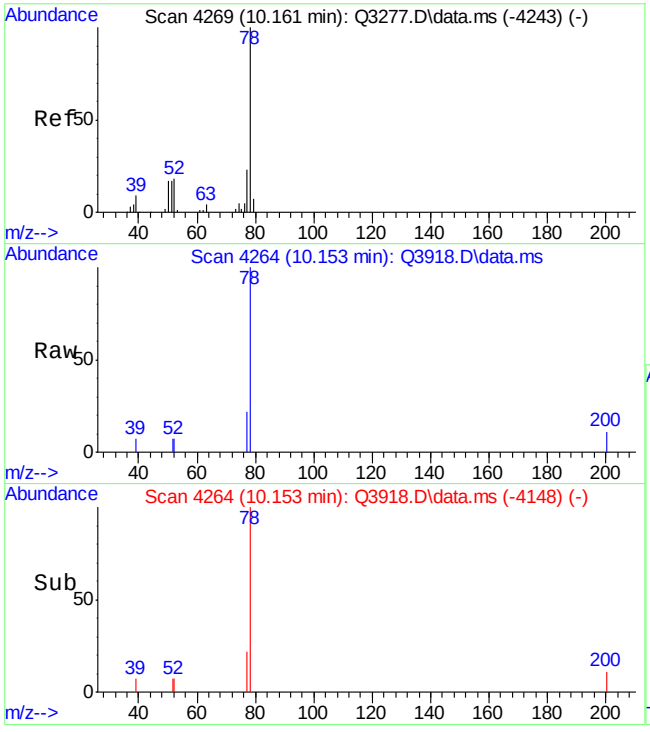


#31
CHLOROFORM
Concen: 0.46 PPBV
RT: 8.752 min Scan# 3475
Delta R.T. -0.005 min
Lab File: Q3918.D
Acq: 5 Jul 2007 9:07 pm

Tgt Ion: 83 Resp: 14625

Ion	Ratio	Lower	Upper
83	100		
85	69.2	44.2	84.2
47	39.8	11.8	51.8

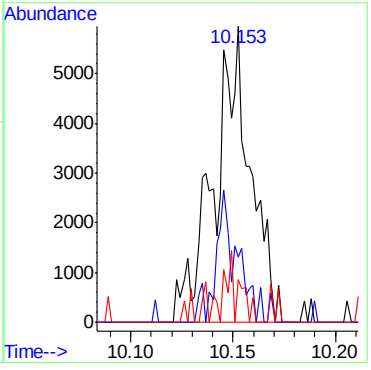


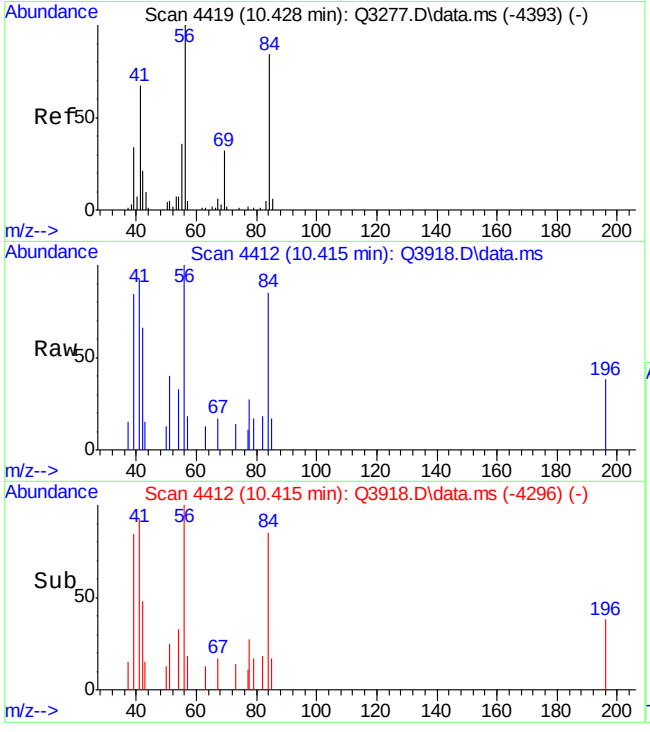


#36
BENZENE
Concen: 0.32 PPBV
RT: 10.153 min Scan# 4264
Delta R.T. 0.000 min
Lab File: Q3918.D
Acq: 5 Jul 2007 9:07 pm

Tgt Ion: 78 Resp: 7397

Ion	Ratio	Lower	Upper
78	100		
77	26.1	2.8	42.8
52	4.4	5.1	45.1#

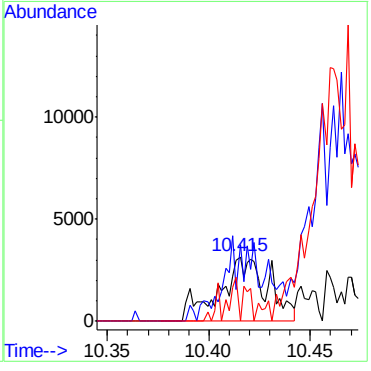




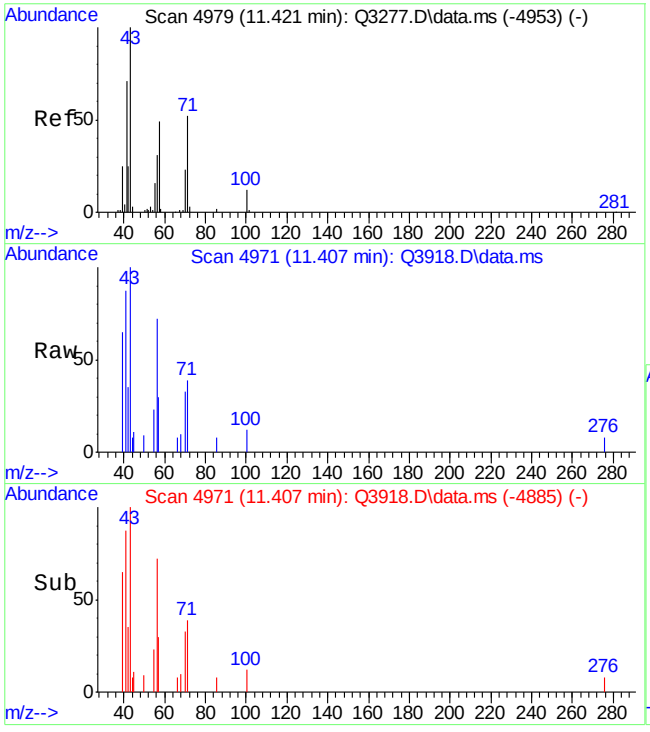
#37
CYCLOHEXANE
Concen: 0.51 PPBV m
RT: 10.415 min Scan# 4412
Delta R.T. 0.000 min
Lab File: Q3918.D
Acq: 5 Jul 2007 9:07 pm

Tgt Ion: 84 Resp: 5124

Ion	Ratio	Lower	Upper
84	100		
56	39.2	157.1	197.1#
69	33.3	17.7	57.7



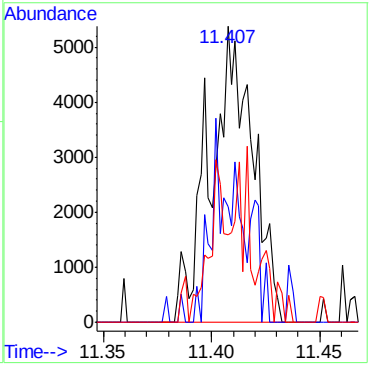
ACCUTEST Laboratories M66023

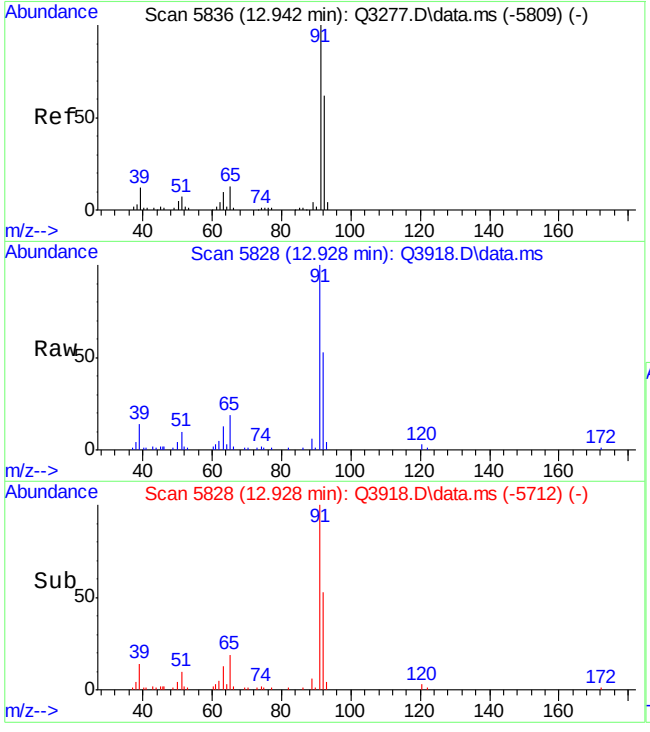


#43
HEPTANE
Concen: 0.58 PPBV
RT: 11.407 min Scan# 4971
Delta R.T. -0.003 min
Lab File: Q3918.D
Acq: 5 Jul 2007 9:07 pm

Tgt Ion: 43 Resp: 7395

Ion	Ratio	Lower	Upper
43	100		
71	45.7	20.9	60.9
57	19.6	34.6	74.6#

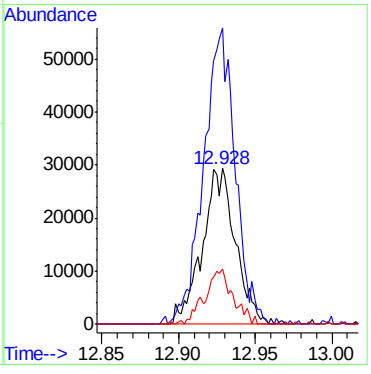


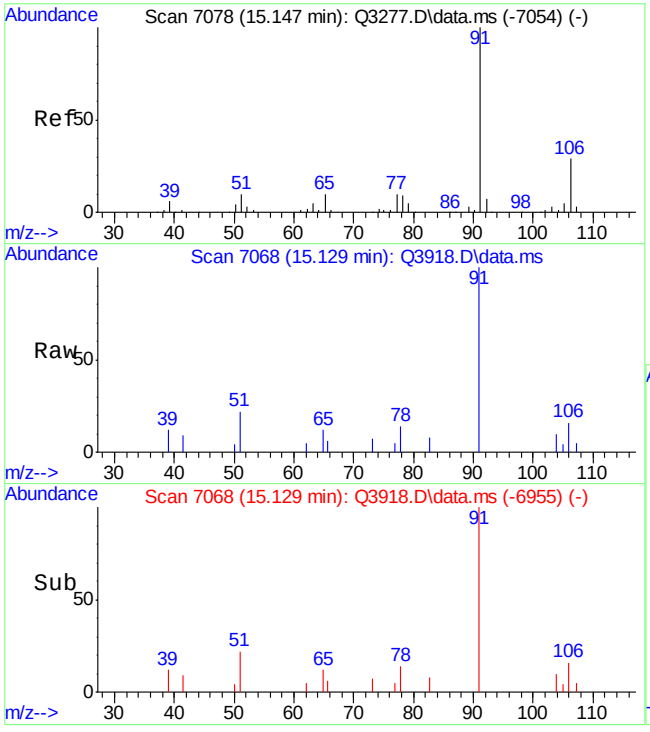


#46
TOLUENE
Concen: 3.67 PPBV
RT: 12.928 min Scan# 5828
Delta R.T. 0.000 min
Lab File: Q3918.D
Acq: 5 Jul 2007 9:07 pm

Tgt Ion: 92 Resp: 43970

Ion	Ratio	Lower	Upper
92	100		
91	182.0	149.0	189.0
65	30.0	4.1	44.1

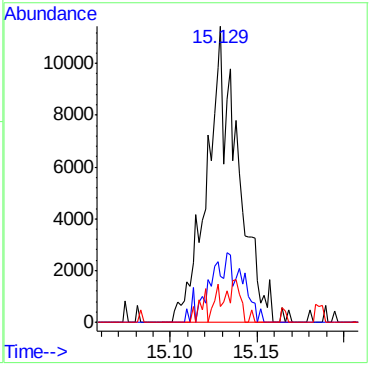


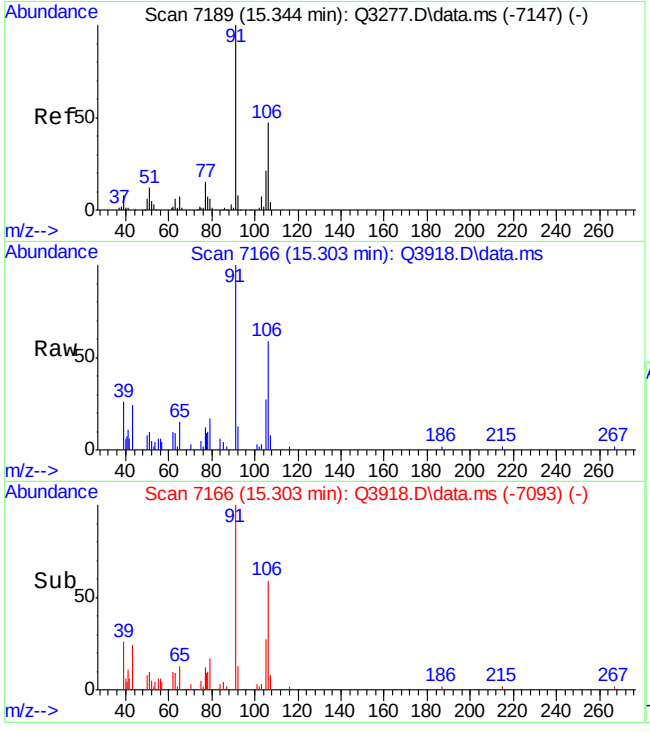


#55
ETHYLBENZENE
Concen: 0.46 PPBV m
RT: 15.129 min Scan# 7068
Delta R.T. -0.005 min
Lab File: Q3918.D
Acq: 5 Jul 2007 9:07 pm

Tgt Ion: 91 Resp: 14357

Ion	Ratio	Lower	Upper
91	100		
106	20.8	10.5	50.5
77	0.0	0.0	29.1

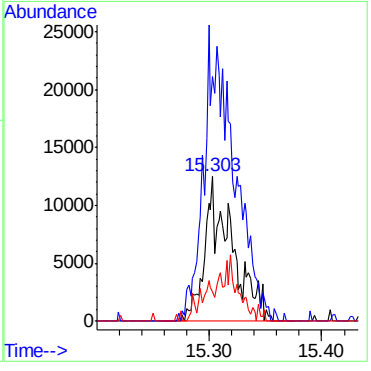


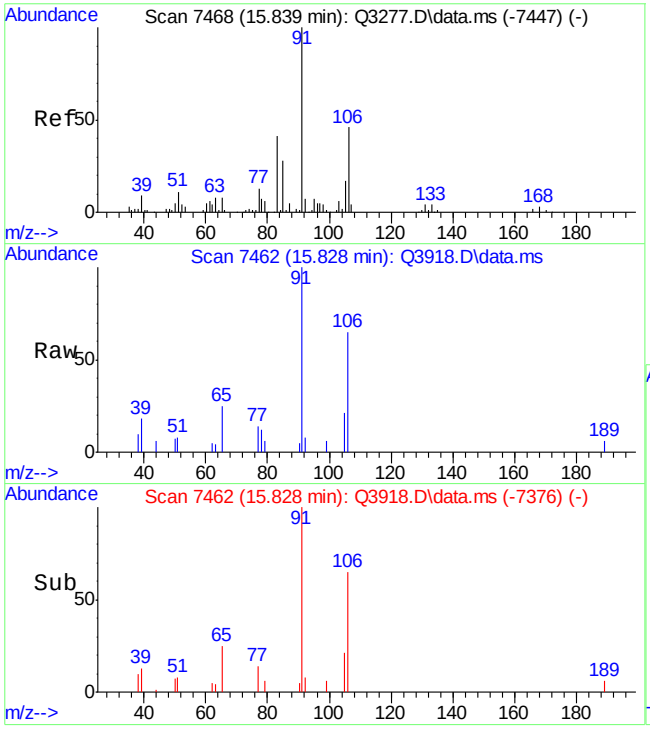


#56
m,p-XYLENE
Concen: 1.88 PPBV m
RT: 15.303 min Scan# 7166
Delta R.T. -0.026 min
Lab File: Q3918.D
Acq: 5 Jul 2007 9:07 pm

Tgt Ion:106 Resp: 21054

Ion	Ratio	Lower	Upper
106	100		
91	168.7	161.0	241.6
77	19.9	21.8	32.8#

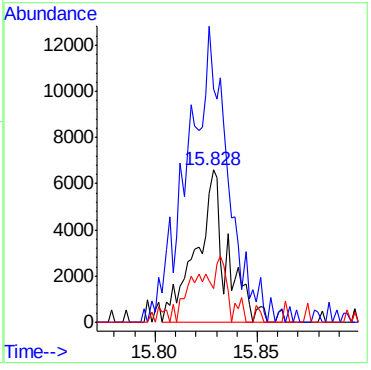


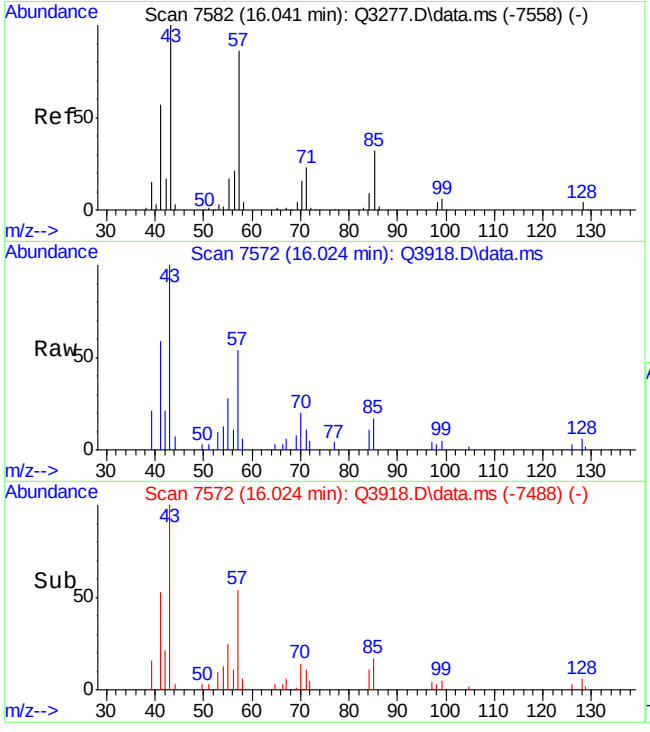


#57
o-XYLENE
Concen: 0.60 PPBV
RT: 15.828 min Scan# 7462
Delta R.T. -0.002 min
Lab File: Q3918.D
Acq: 5 Jul 2007 9:07 pm

Tgt Ion:106 Resp: 6886

Ion	Ratio	Lower	Upper
106	100		
91	256.9	196.2	236.2#
77	25.5	7.8	47.8

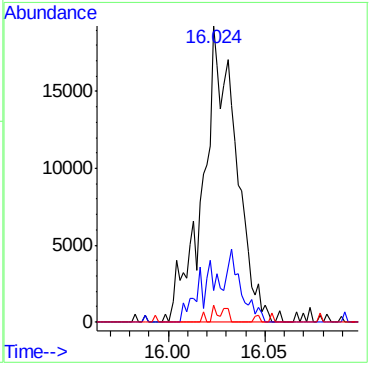


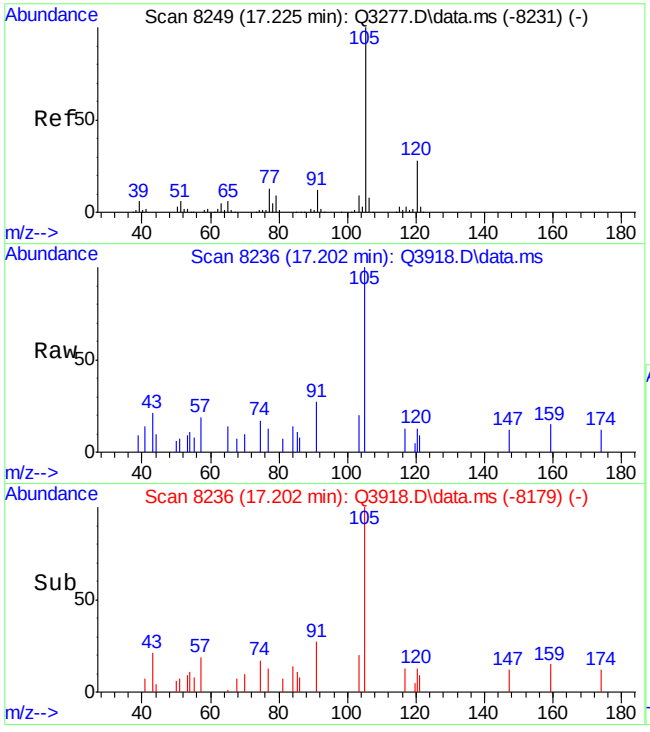


#59
NONANE
Concen: 1.15 PPBV
RT: 16.024 min Scan# 7572
Delta R.T. -0.006 min
Lab File: Q3918.D
Acq: 5 Jul 2007 9:07 pm

Tgt Ion: 43 Resp: 22914

Ion	Ratio	Lower	Upper
43	100		
71	12.6	0.0	39.0
128	2.0	0.0	23.7

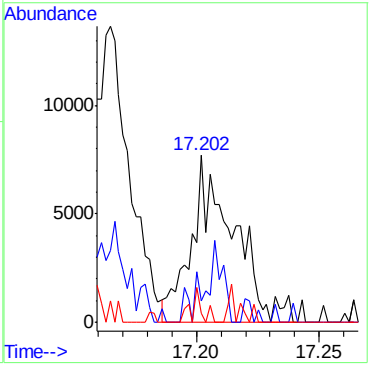


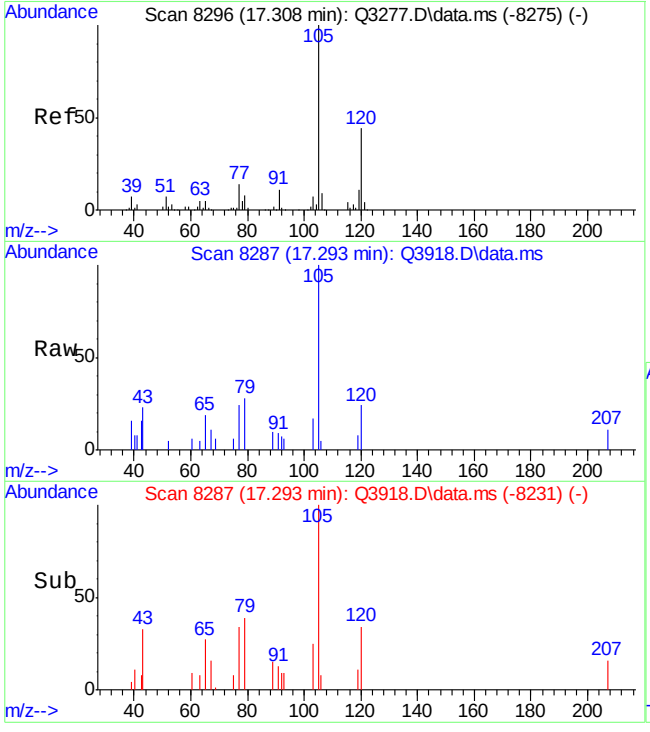


#65
4-ETHYLTOLUENE
Concen: 0.71 PPBV
RT: 17.202 min Scan# 8236
Delta R.T. -0.012 min
Lab File: Q3918.D
Acq: 5 Jul 2007 9:07 pm

Tgt Ion:105 Resp: 9198

Ion	Ratio	Lower	Upper
105	100		
120	21.2	9.2	49.2
119	4.9	0.0	22.1

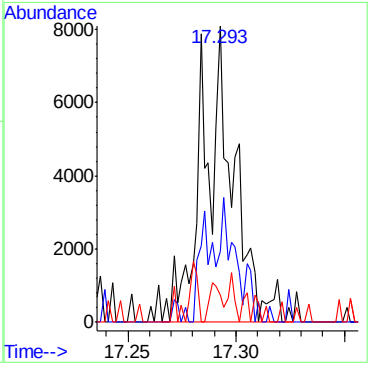


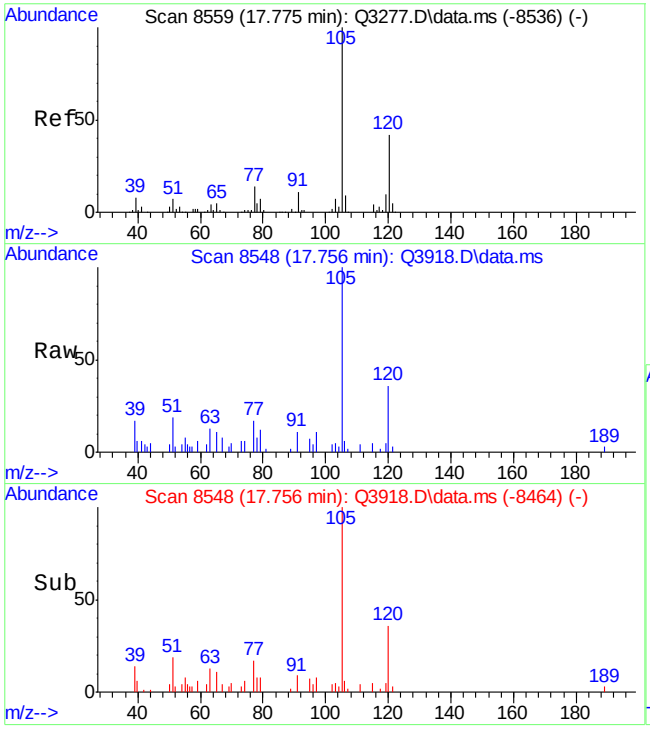


#66
1,3,5-TRIMETHYLBENZENE
Concen: 0.24 PPBV
RT: 17.293 min Scan# 8287
Delta R.T. -0.004 min
Lab File: Q3918.D
Acq: 5 Jul 2007 9:07 pm

Tgt Ion:105 Resp: 8020

Ion	Ratio	Lower	Upper
105	100		
120	40.2	28.5	68.5
91	2.4	0.0	31.2

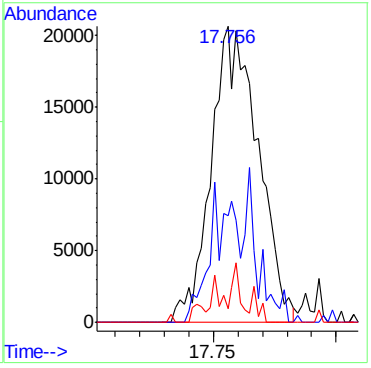




#67
1,2,4-TRIMETHYLBENZENE
Concen: 1.37 PPBV
RT: 17.756 min Scan# 8548
Delta R.T. -0.006 min
Lab File: Q3918.D
Acq: 5 Jul 2007 9:07 pm

Tgt Ion:105 Resp: 27473

Ion	Ratio	Lower	Upper
105	100		
120	39.1	25.4	65.4
119	10.1	0.0	31.4



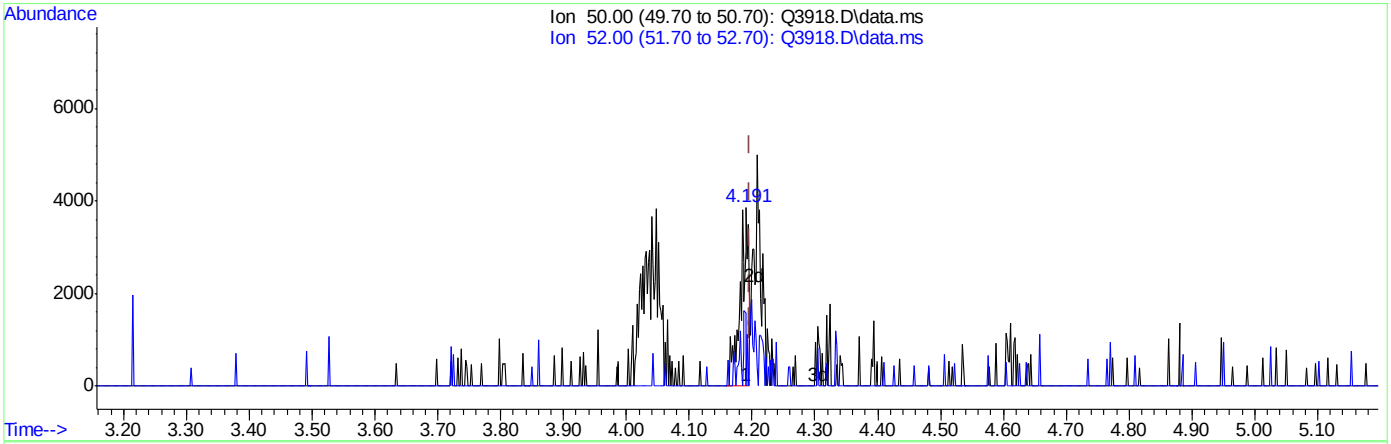
6.1.2

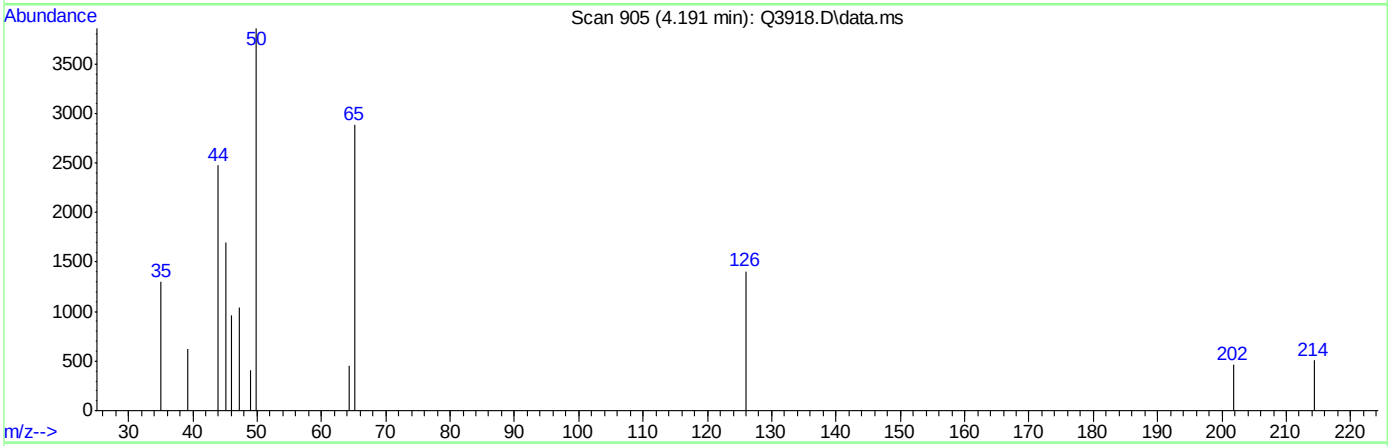
6

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3918.D
Acq On : 5 Jul 2007 9:07 pm
Operator : PhilipB
Sample : M66023-2
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 06 07:38:49 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3918.D\data.ms

(5) CHLOROMETHANE (m)

4.191min (-0.005) 0.25PPBV

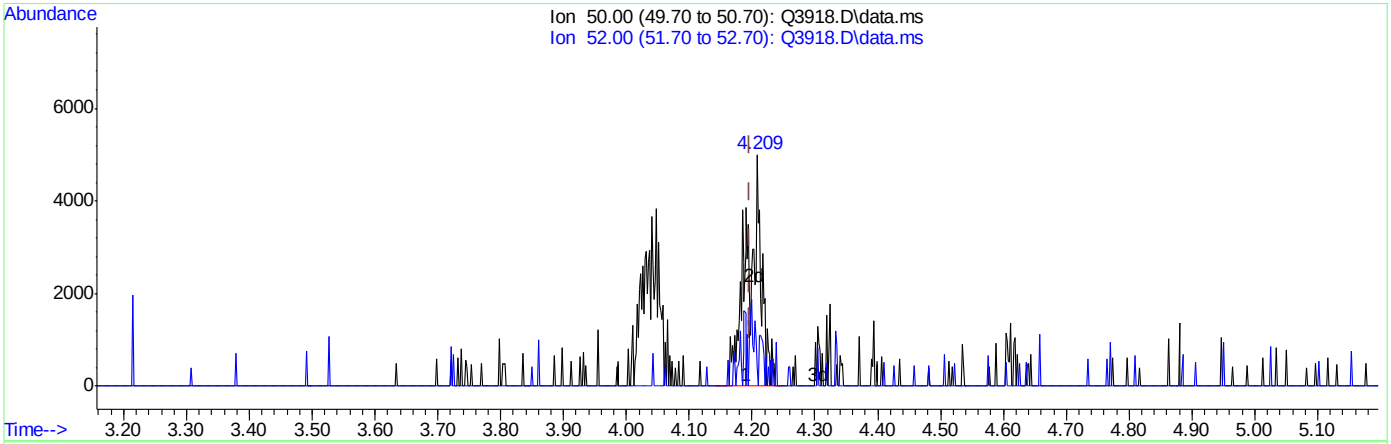
response 3751

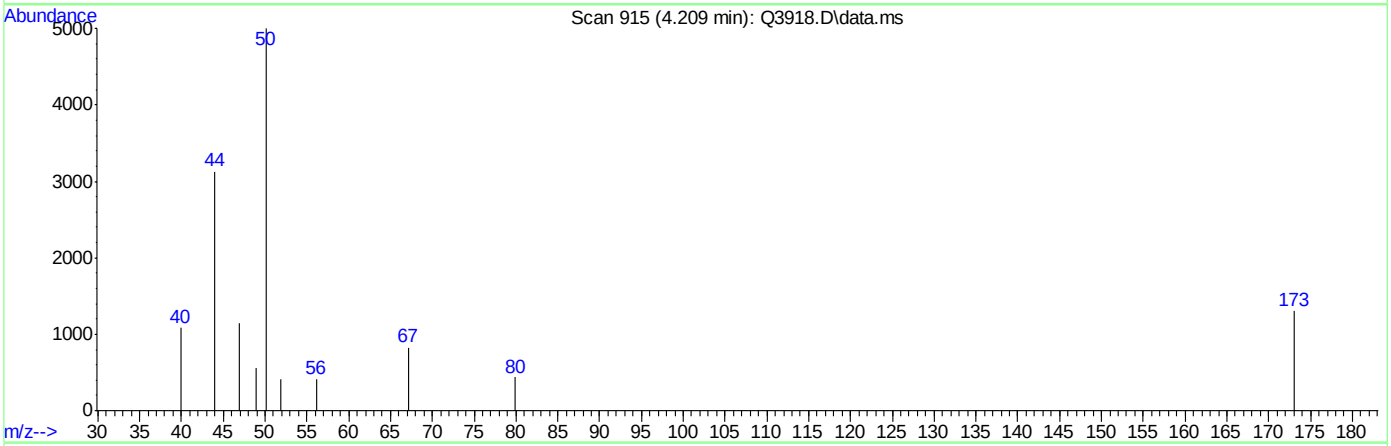
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3918.D
Acq On : 5 Jul 2007 9:07 pm
Operator : PhilipB
Sample : M66023-2
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 06 07:38:49 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3918.D\data.ms

(5) CHLOROMETHANE (m)

4.209min (+0.013) 0.53PPBV m

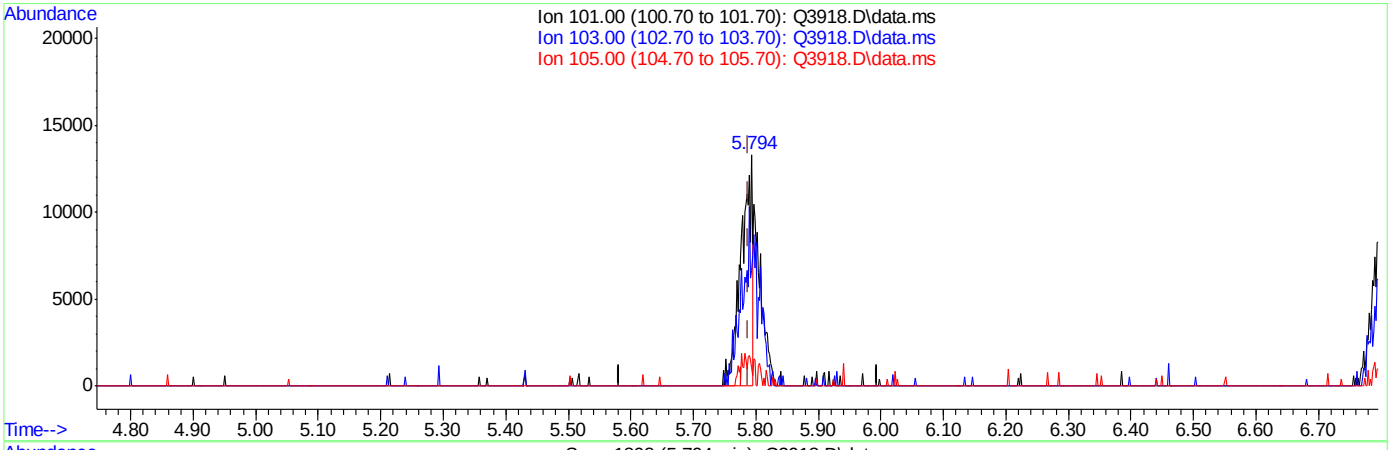
response 8086

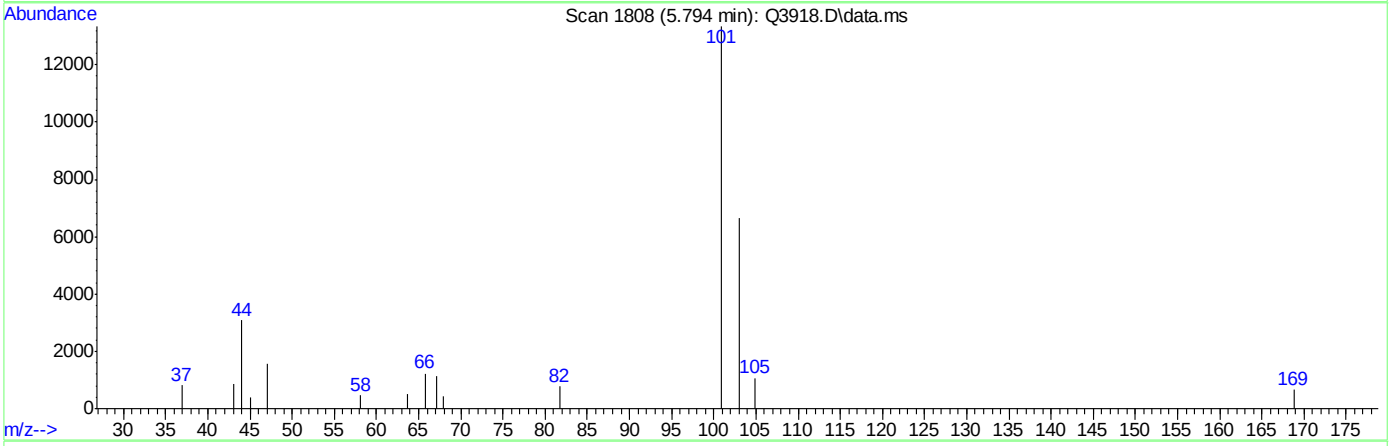
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	8.10#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3918.D
Acq On : 5 Jul 2007 9:07 pm
Operator : PhilipB
Sample : M66023-2
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 06 07:38:49 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3918.D\data.ms

(10) TRICHLOROFLUOROMETHANE (m)

5.794min (+0.005) 0.18PPBV

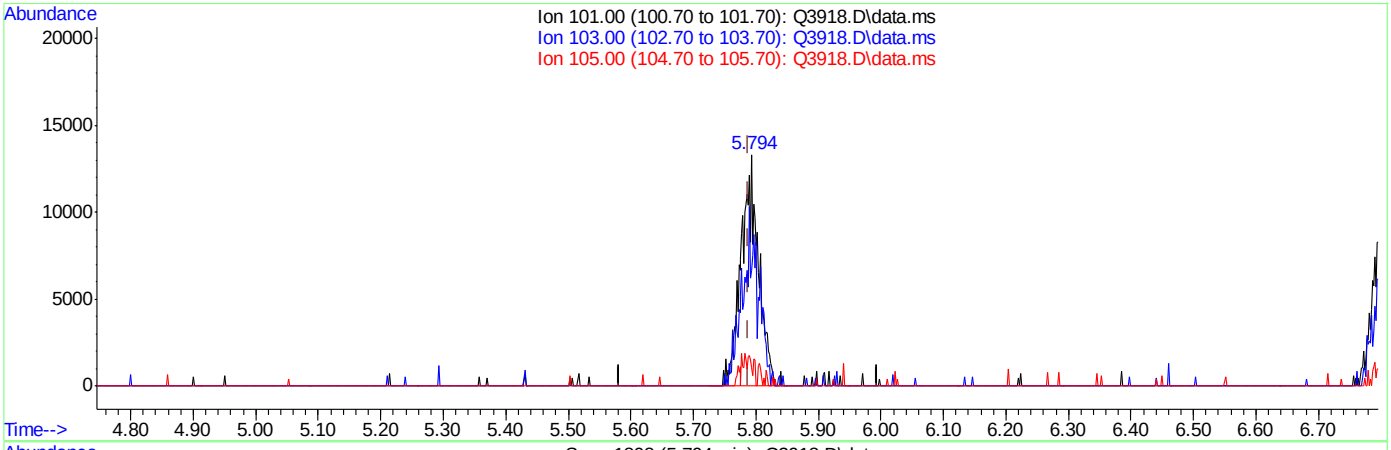
response 17066

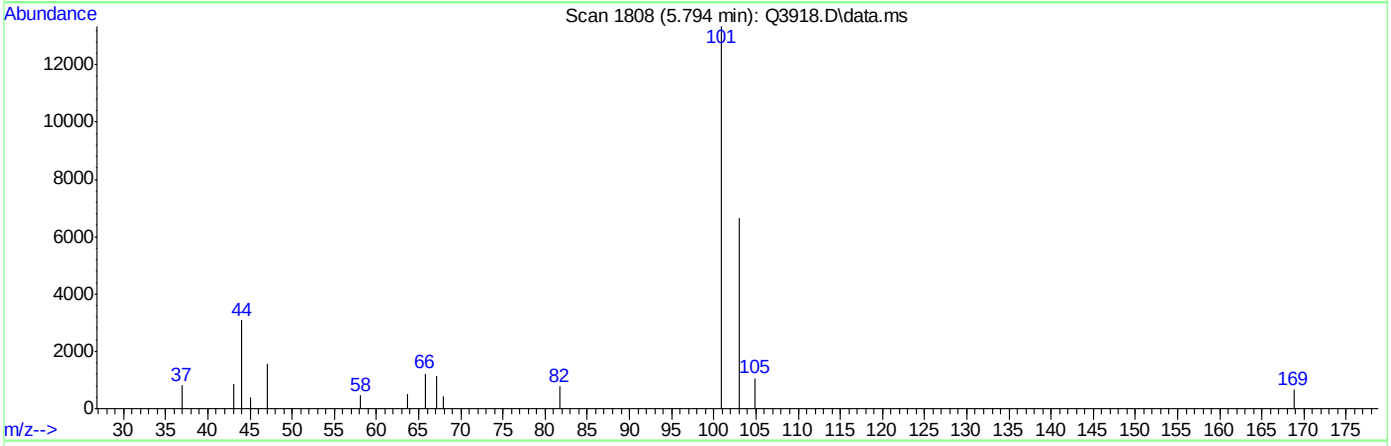
Ion	Exp%	Act%
101.00	100	100
103.00	64.30	31.59#
105.00	10.20	5.16
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3918.D
Acq On : 5 Jul 2007 9:07 pm
Operator : PhilipB
Sample : M66023-2
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 06 07:38:49 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3918.D\data.ms

(10) TRICHLOROFLUOROMETHANE (m)

5.794min (+0.005) 0.27PPBV m

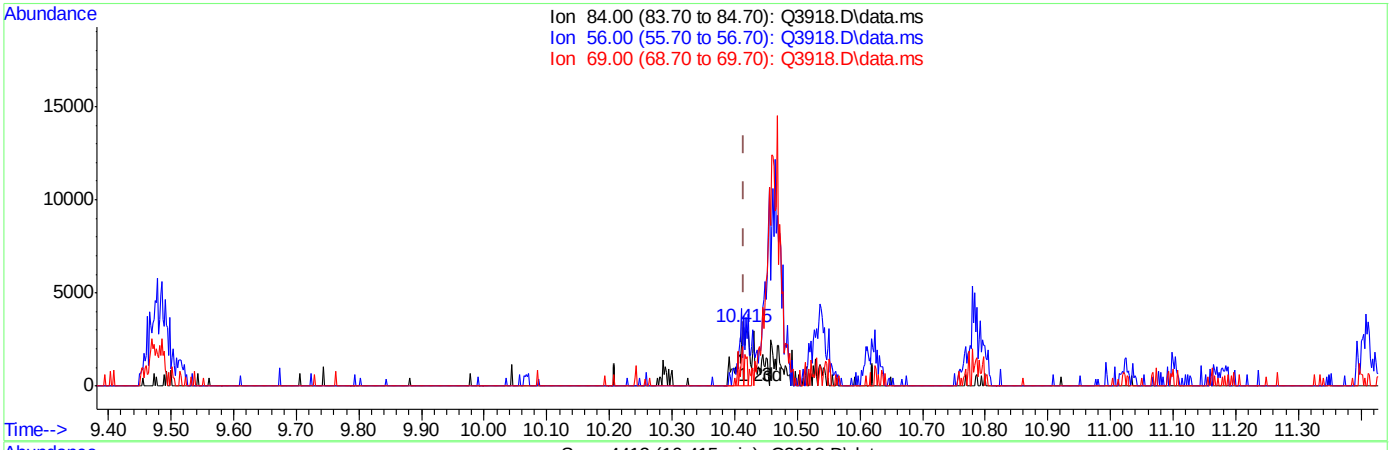
response 26262

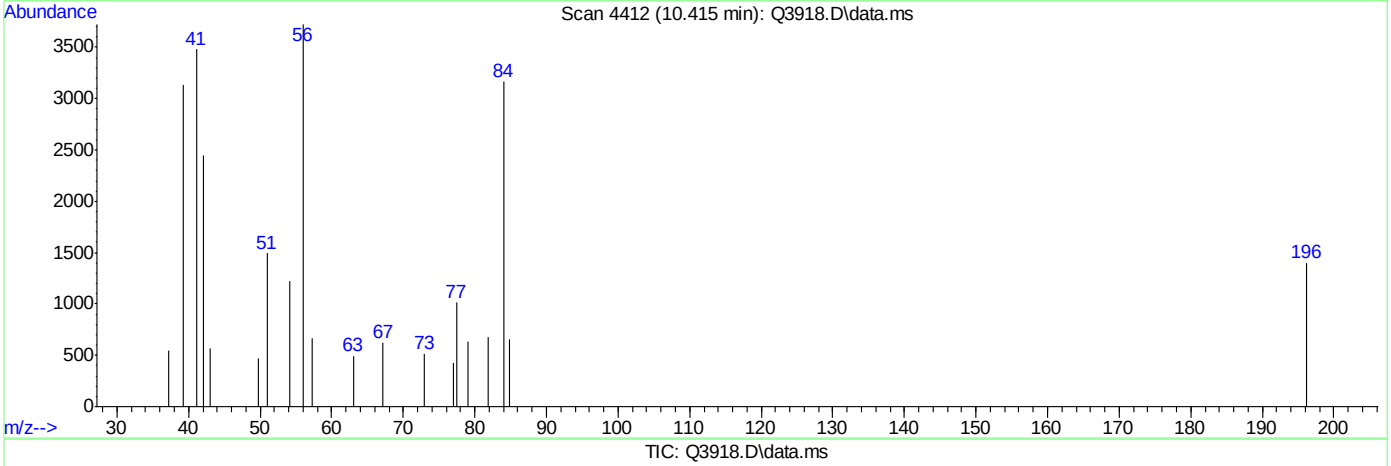
Ion	Exp%	Act%
101.00	100	100
103.00	64.30	20.53#
105.00	10.20	3.35
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3918.D
Acq On : 5 Jul 2007 9:07 pm
Operator : PhilipB
Sample : M66023-2
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 06 07:38:49 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3918.D\data.ms

(37) CYCLOHEXANE (m)

10.415min (+0.000) 0.41PPBV

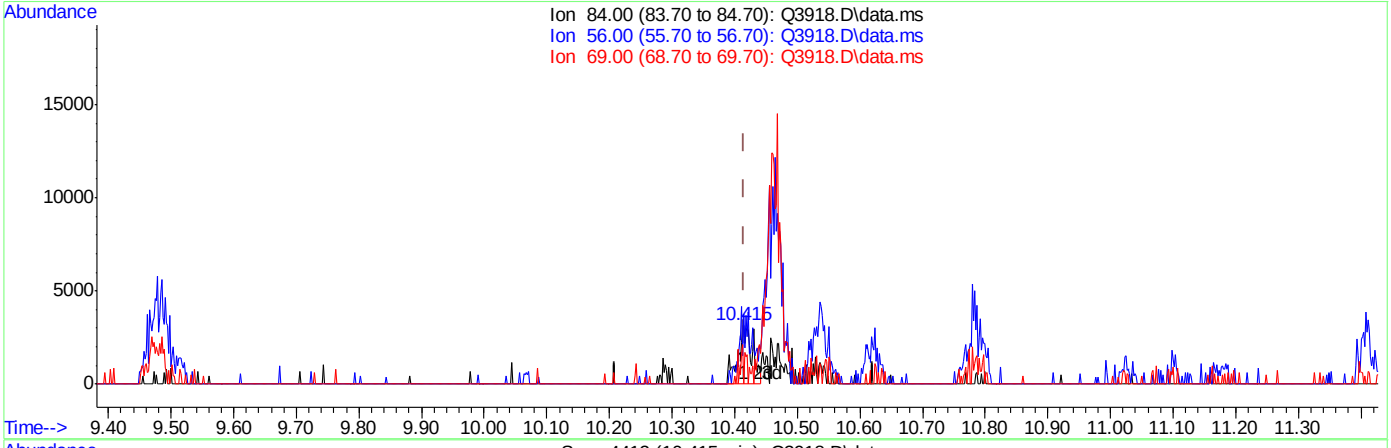
response 4080

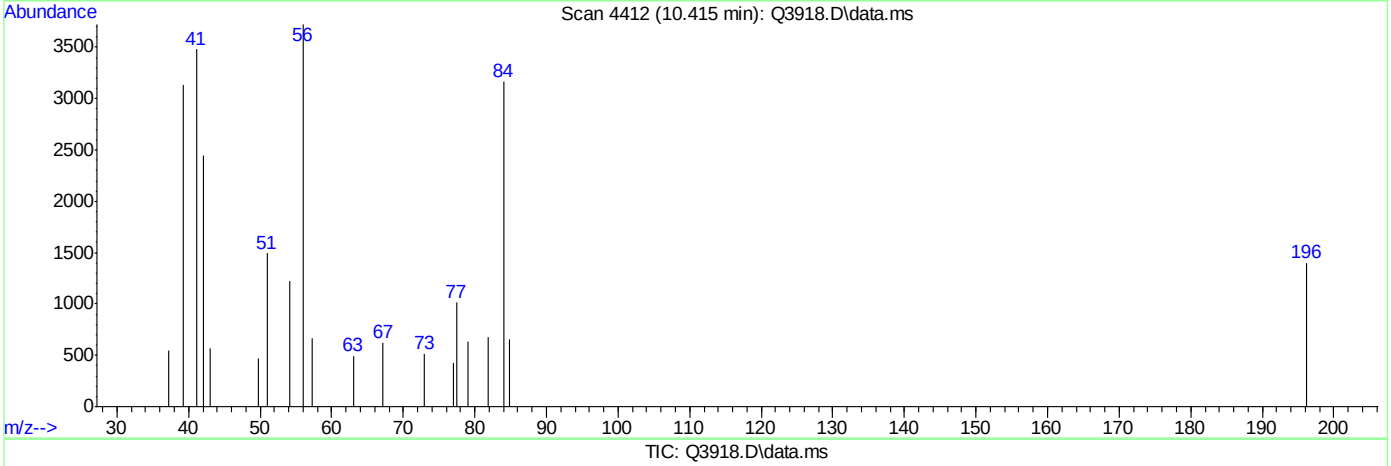
Ion	Exp%	Act%
84.00	100	100
56.00	177.10	49.29#
69.00	37.70	41.79
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3918.D
Acq On : 5 Jul 2007 9:07 pm
Operator : PhilipB
Sample : M66023-2
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 06 07:38:49 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3918.D\data.ms

(37) CYCLOHEXANE (m)

10.415min (+0.000) 0.51PPBV m

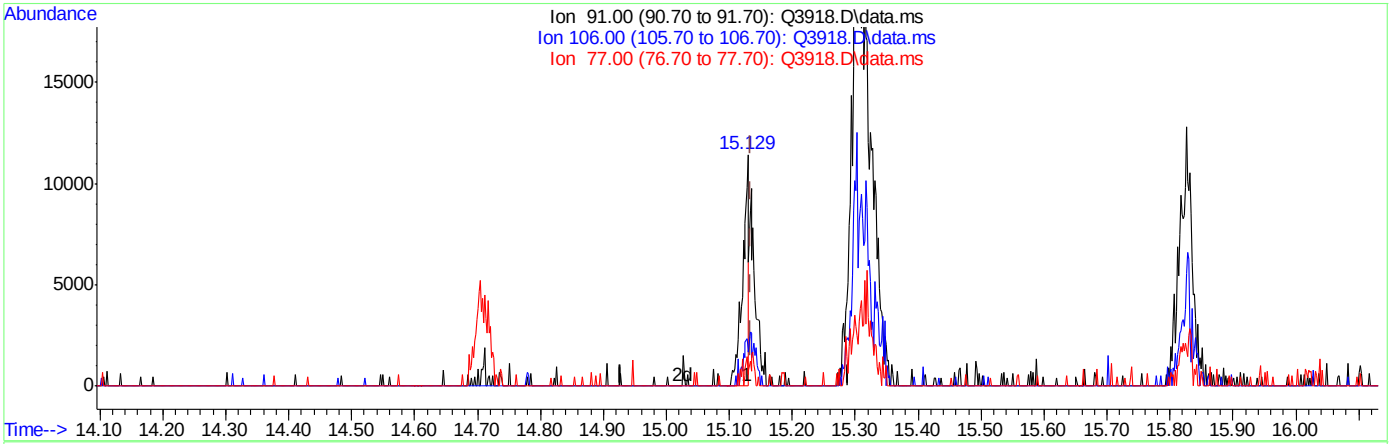
response 5124

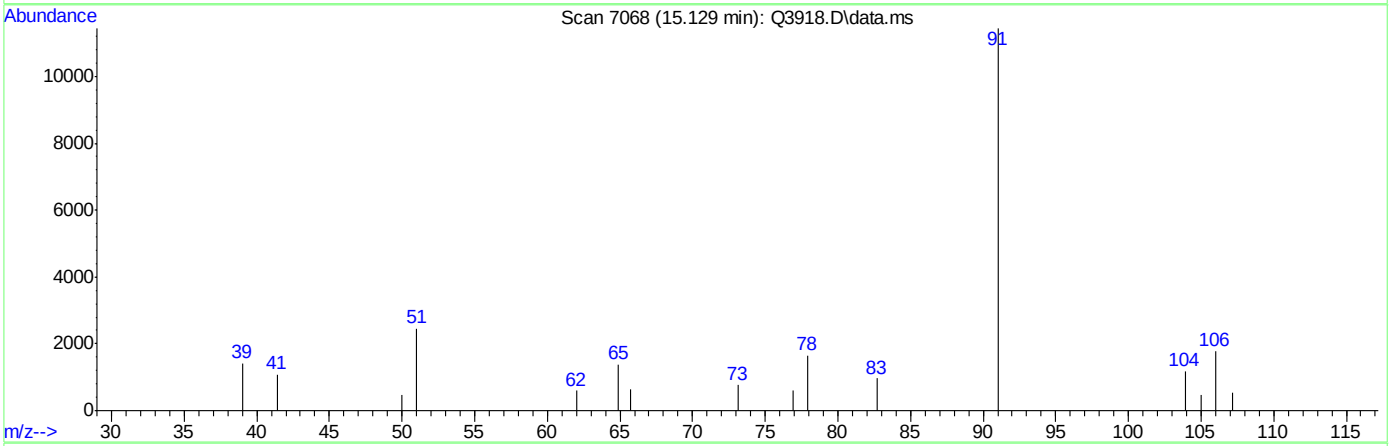
Ion	Exp%	Act%
84.00	100	100
56.00	177.10	39.25#
69.00	37.70	33.27
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3918.D
Acq On : 5 Jul 2007 9:07 pm
Operator : PhilipB
Sample : M66023-2
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 06 07:38:49 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3918.D\data.ms

(55) ETHYLBENZENE (m)

15.129min (-0.005) 0.25PPBV

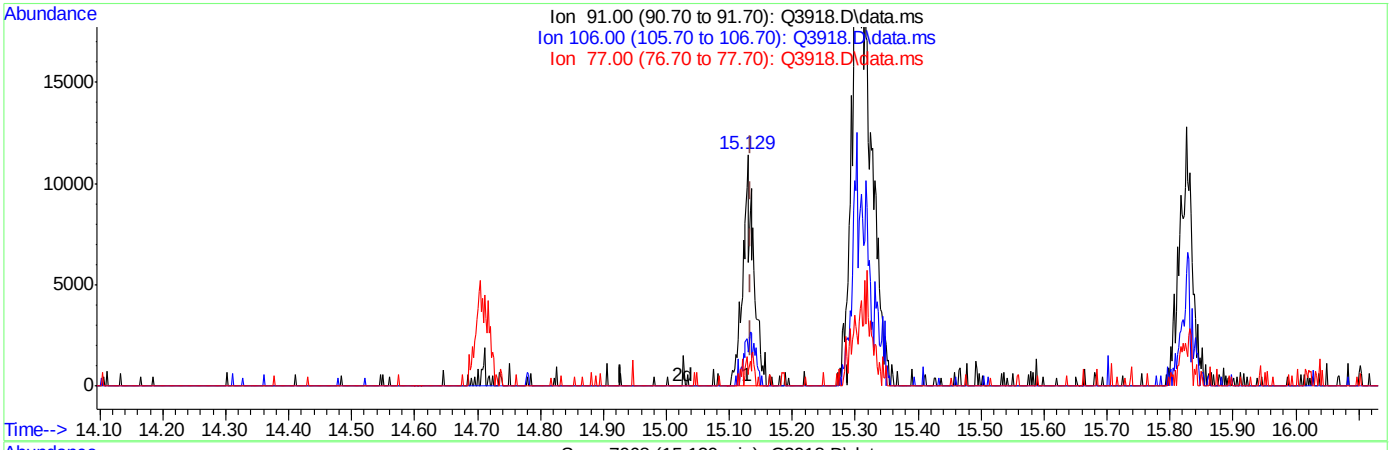
response 7726

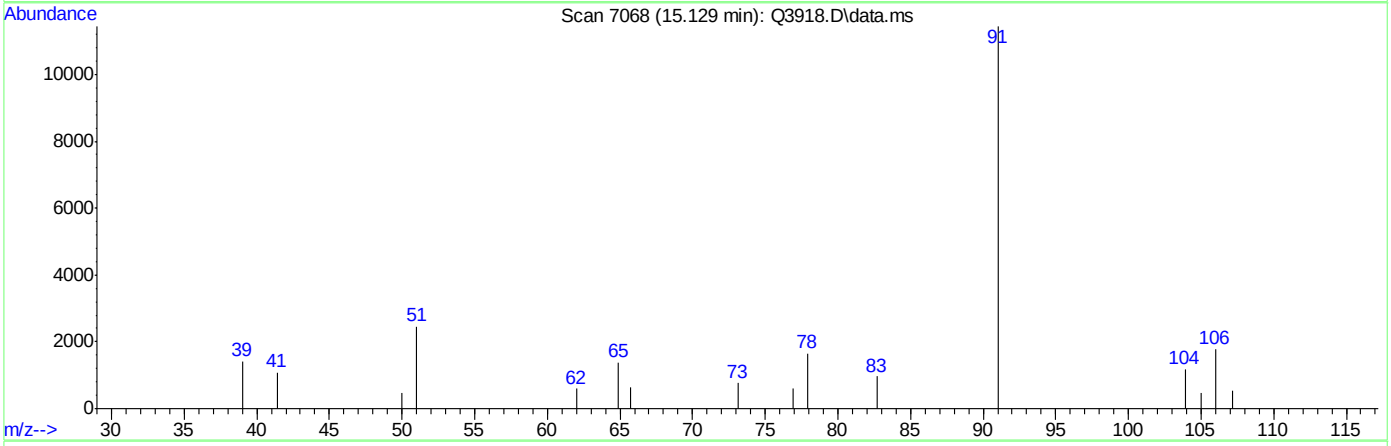
Ion	Exp%	Act%
91.00	100	100
106.00	30.50	38.62
77.00	9.10	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3918.D
Acq On : 5 Jul 2007 9:07 pm
Operator : PhilipB
Sample : M66023-2
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 06 07:38:49 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





(55) ETHYLBENZENE (m)

15.129min (-0.005) 0.46PPBV m

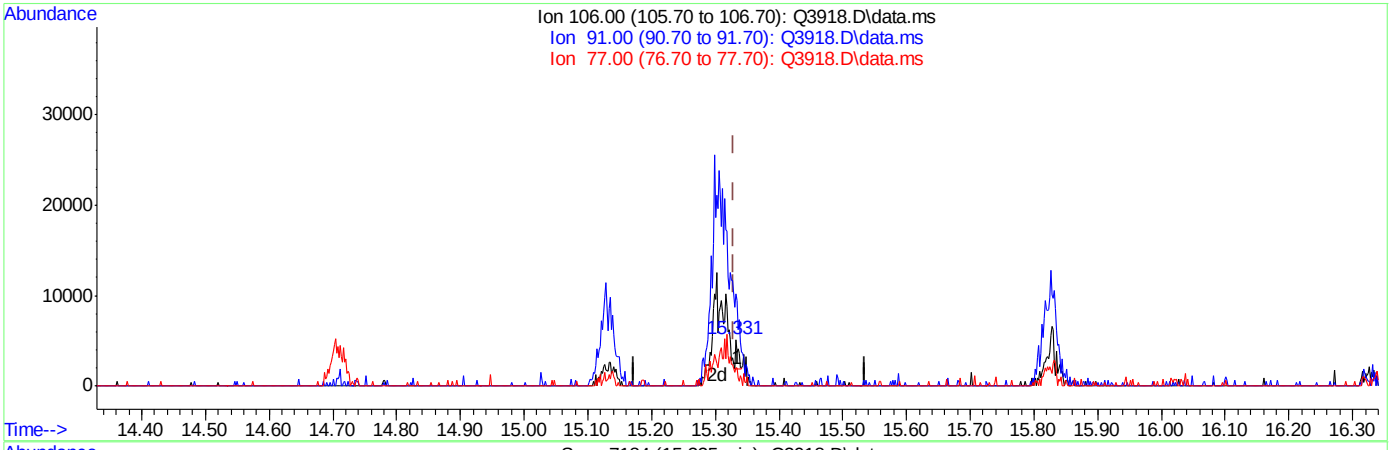
response 14357

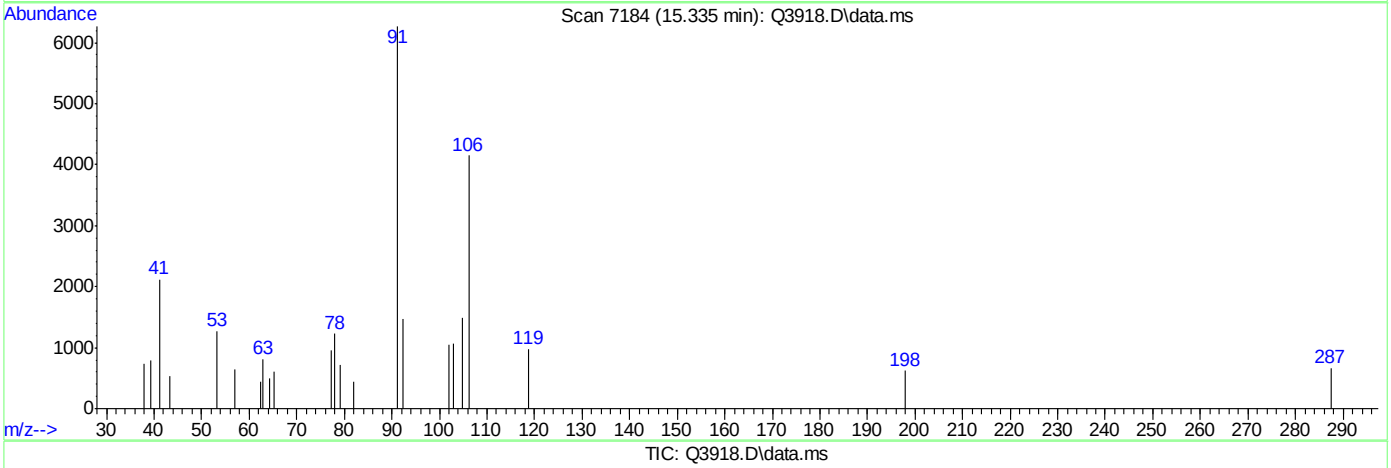
Ion	Exp%	Act%
91.00	100	100
106.00	30.50	20.78
77.00	9.10	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3918.D
Acq On : 5 Jul 2007 9:07 pm
Operator : PhilipB
Sample : M66023-2
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 06 07:38:49 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3918.D\data.ms

(56) m,p-XYLENE (m)

15.335min (+0.006) 0.09PPBV

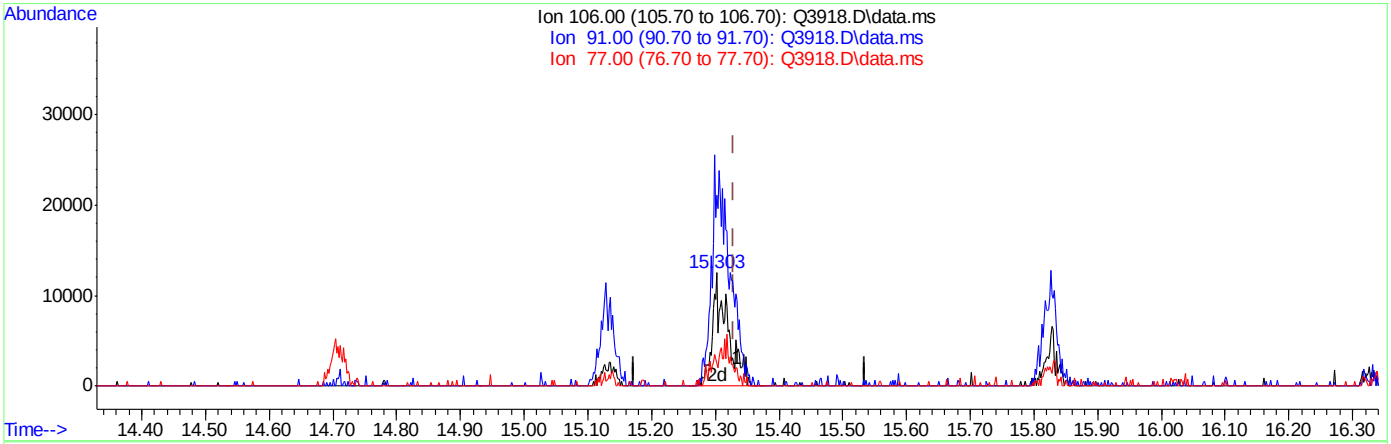
response 1013

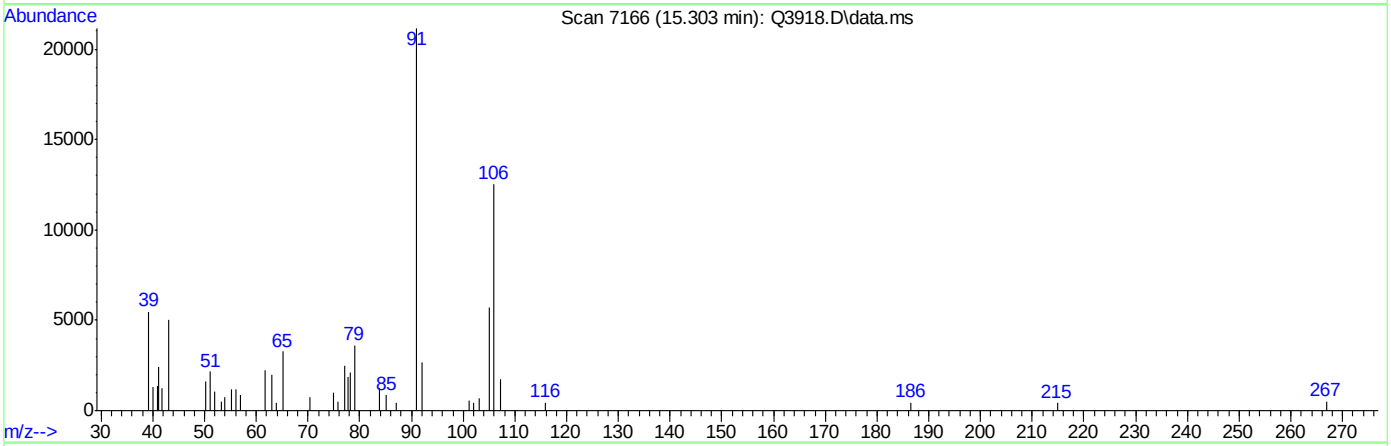
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	151.15#
77.00	27.30	23.27
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3918.D
Acq On : 5 Jul 2007 9:07 pm
Operator : PhilipB
Sample : M66023-2
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 06 07:38:49 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3918.D\data.ms

(56) m,p-XYLENE (m)

15.303min (-0.026) 1.88PPBV m

response 21054

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	168.68
77.00	27.30	19.87#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3915.D
Acq On : 5 Jul 2007 6:55 pm
Operator : PhilipB
Sample : MB (M026)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 06 07:29:29 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration

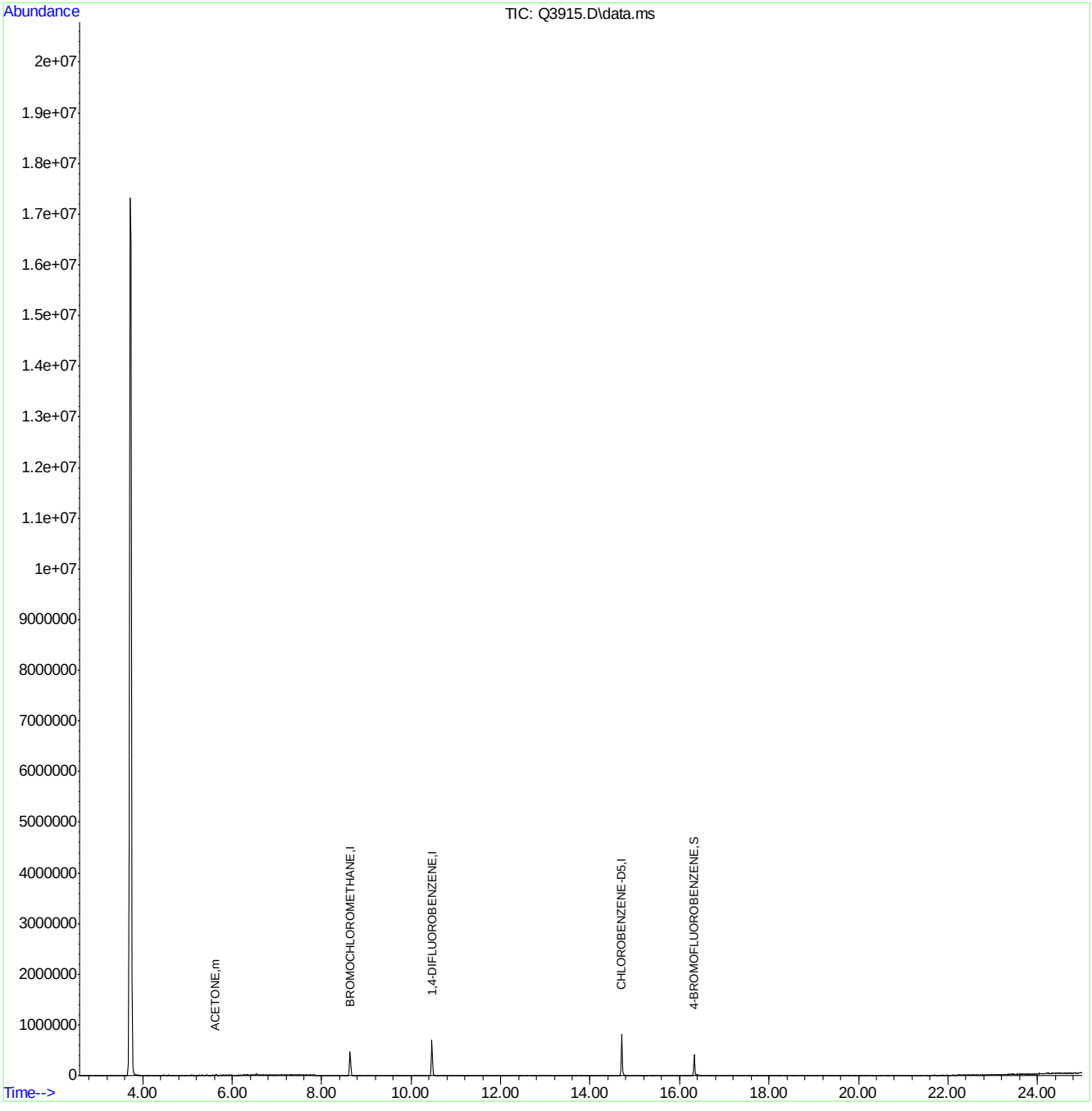
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.632	128	81166	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.460	114	366860	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.708	117	281870	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.327	95	104089	3.81	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 76.20%			
Target Compounds						Qvalue
12) ACETONE	5.616	43	9557	0.31	PPBV	65

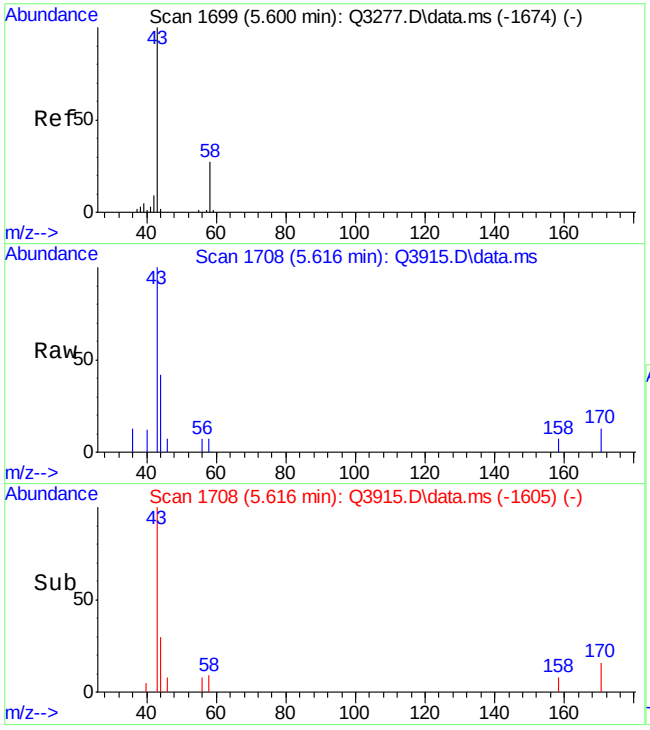
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3915.D
Acq On : 5 Jul 2007 6:55 pm
Operator : PhilipB
Sample : MB (M026)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 06 07:29:29 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration

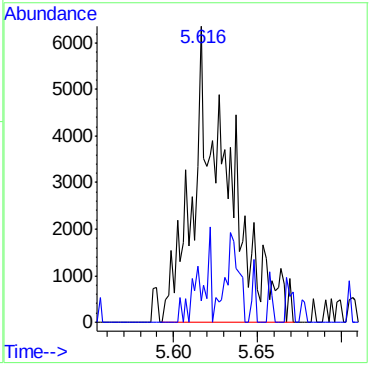




#12
ACETONE
Concen: 0.31 PPBV
RT: 5.616 min Scan# 1708
Delta R.T. 0.027 min
Lab File: Q3915.D
Acq: 5 Jul 2007 6:55 pm

Tgt Ion: 43 Resp: 9557

Ion	Ratio	Lower	Upper
43	100		
58	10.2	9.0	49.0



6.2.1

6

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3633.D
Acq On : 6 Jun 2007 4:10 pm
Operator : PhilipB
Sample : MB (M026)
Misc : MS13699, MSQ198,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 06 16:48:50 2007
Quant Method : C:\msdchem\1\METHODS\Q060507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 14:52:22 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.429	128	47631	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.346	114	197069	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.694	117	166081	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.334	95	73899	4.23	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 84.60%

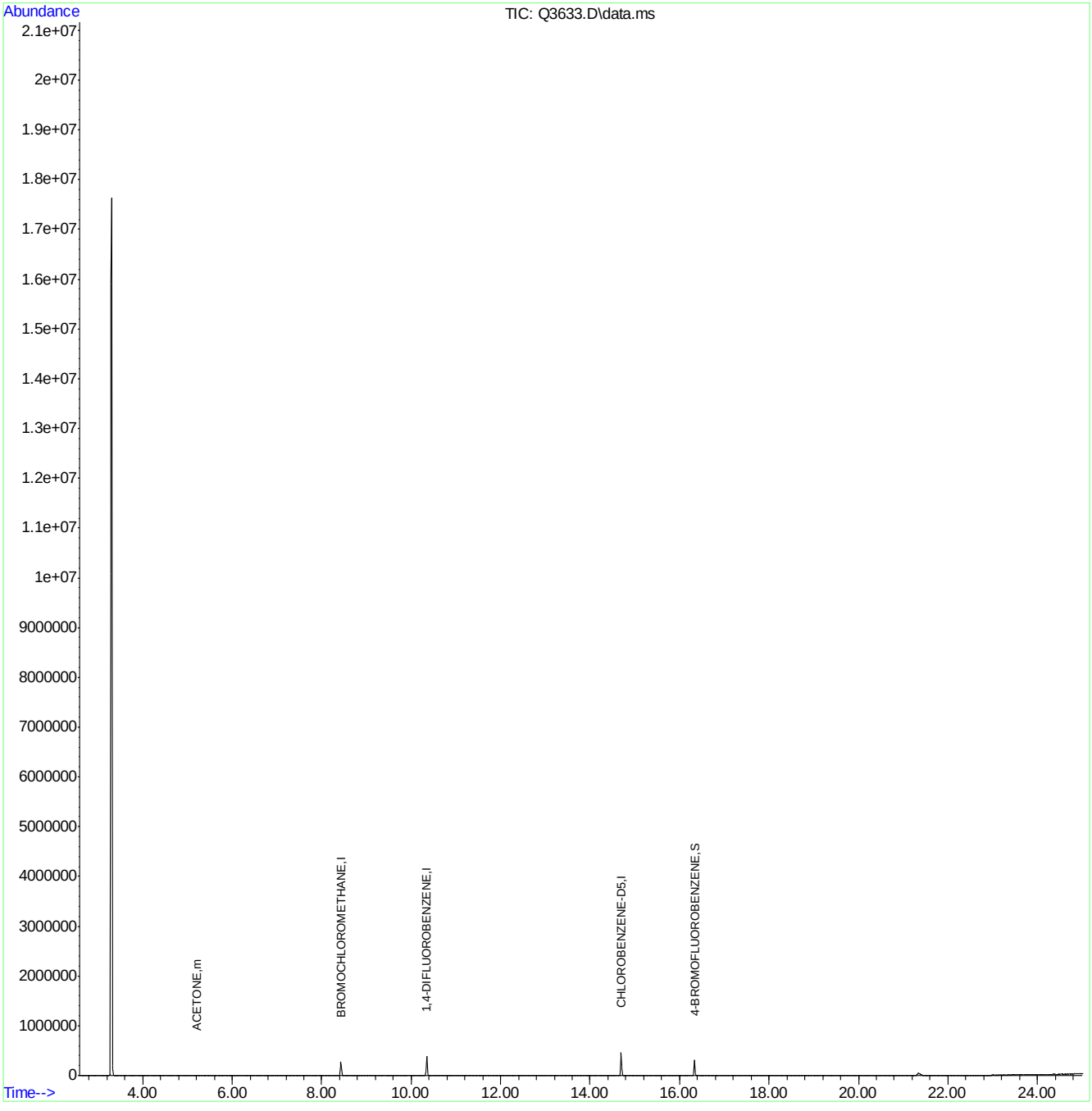
Target Compounds						Qvalue
12) ACETONE	5.221	43	6446	0.26	PPBV	94

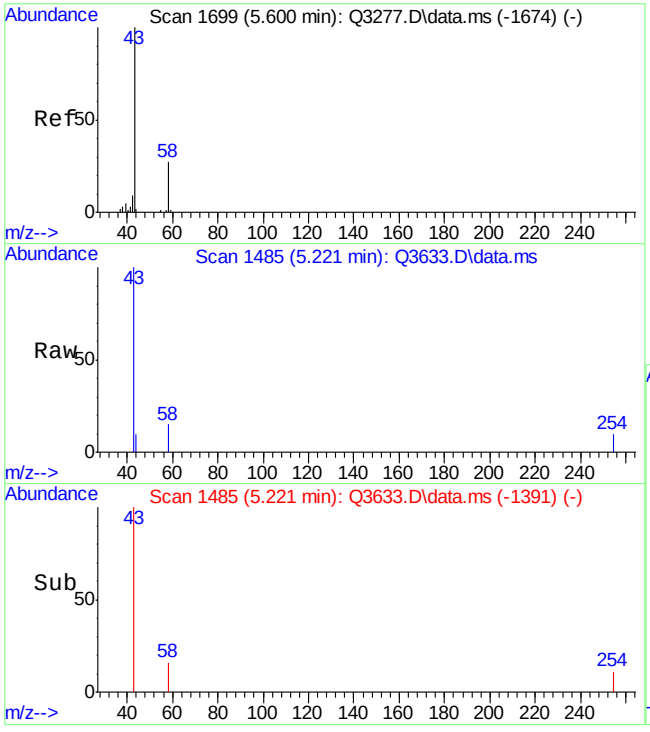
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3633.D
Acq On : 6 Jun 2007 4:10 pm
Operator : PhilipB
Sample : MB (M026)
Misc : MS13699, MSQ198,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 06 16:48:50 2007
Quant Method : C:\msdchem\1\METHODS\Q060507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 14:52:22 2007
Response via : Initial Calibration

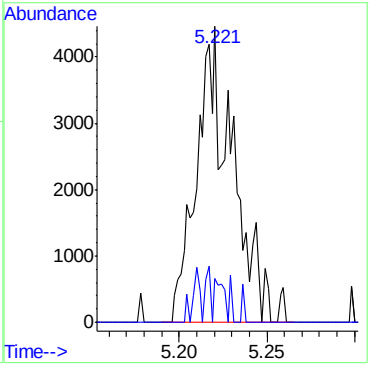




#12
ACETONE
Concen: 0.26 PPBV
RT: 5.221 min Scan# 1485
Delta R.T. 0.012 min
Lab File: Q3633.D
Acq: 6 Jun 2007 4:10 pm

Tgt Ion: 43 Resp: 6446

Ion	Ratio	Lower	Upper
43	100		
58	6.0	0.0	20.3



6.2.2

6

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%

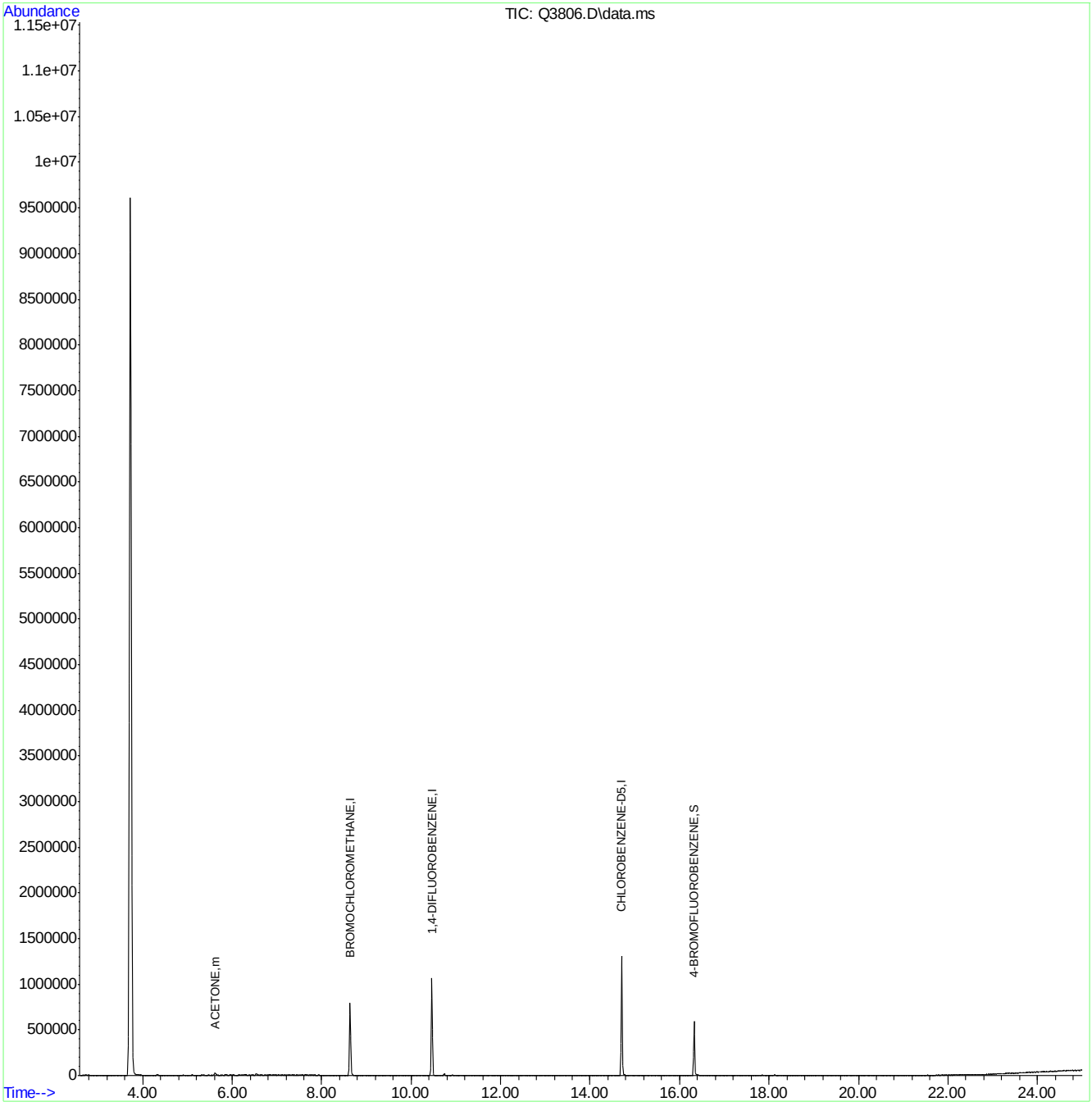
Target Compounds						Qvalue
12) ACETONE	5.613	43	34149	0.90	PPBV	87

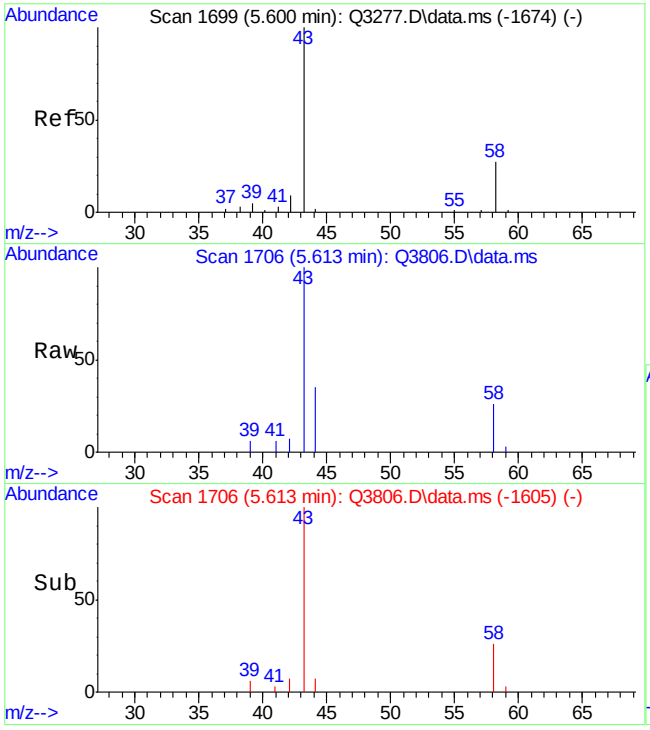
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

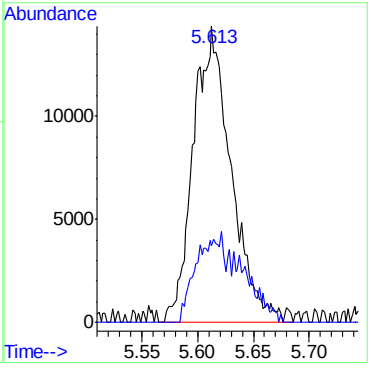




#12
ACETONE
Concen: 0.90 PPBV
RT: 5.613 min Scan# 1706
Delta R.T. 0.024 min
Lab File: Q3806.D
Acq: 26 Jun 2007 9:04 am

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
07/11/07 12:09

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3914A.D
Acq On : 5 Jul 2007 6:11 pm
Operator : PhilipB
Sample : BS (M209)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 06 07:28:46 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.635	128	88212	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.460	114	436786	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.707	117	372107	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.324	95	190971	5.30	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 106.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.037	85	871398	8.65	PPBV	98
3) PROPYLENE	3.960	41	95932	8.17	PPBV	86
4) FREON 114	4.296	85	888123	10.24	PPBV	86
5) CHLOROMETHANE	4.198	50	170096	9.59	PPBV	96
6) VINYL CHLORIDE	4.422	62	222543	9.75	PPBV	99
7) 1,3-BUTADIENE	4.553	39	192181	9.65	PPBV #	66
8) BROMOMETHANE	4.830	94	257132	9.61	PPBV	97
9) CHLOROETHANE	5.000	64	91420	10.29	PPBV	85
10) TRICHLOROFLUOROMETHANE	5.787	101	1154231	10.12	PPBV	97
11) ISOPROPYL ALCOHOL	5.822	45	309242	9.58	PPBV	86
12) ACETONE	5.599	43	300992	9.03	PPBV	87
13) PENTANE	6.143	42	249041	10.00	PPBV	91
14) 1,1-DICHLOROETHYLENE	6.426	96	246188	9.33	PPBV	97
15) CARBON DISULFIDE	6.862	76	855237	10.14	PPBV	98
16) ETHANOL	5.100	45	44143	8.24	PPBV	76
17) BROMOETHENE	5.371	106	235302	9.52	PPBV #	93
18) METHYLENE CHLORIDE	6.537	84	215435	10.59	PPBV	86
19) 3-CHLOROPROPENE	6.662	39	227227	9.70	PPBV #	84
20) FREON 113	6.800	151	495931	9.71	PPBV	96
21) TRANS-1,2-DICHLOROETHY...	7.469	96	238453	9.46	PPBV	90
22) TERTIARY BUTYL ALCOHOL	6.427	59	423968	10.20	PPBV	79
23) METHYL TERTIARY BUTYL ...	7.711	73	443038	9.36	PPBV	91
24) TETRAHYDROFURAN	9.139	42	78902	10.91	PPBV	78
25) HEXANE	8.665	57	151056	9.16	PPBV #	75
26) VINYL ACETATE	7.785	43	355323	9.54	PPBV	93
27) 1,1-DICHLOROETHANE	7.664	63	432431	9.79	PPBV	76
28) METHYL ETHYL KETONE	8.034	43	192016	9.49	PPBV	95
29) cis-1,2-DICHLOROETHYLENE	8.472	96	87391	9.14	PPBV	96
30) ETHYL ACETATE	8.665	43	349567	9.79	PPBV	100
31) CHLOROFORM	8.751	83	345494	9.35	PPBV	98
32) 1,1,1-TRICHLOROETHANE	9.707	97	366878	9.20	PPBV	99
33) CARBON TETRACHLORIDE	10.291	117	488758	9.88	PPBV	95
34) 1,2-DICHLOROETHANE	9.468	62	220190	9.40	PPBV	97
36) BENZENE	10.151	78	251547	8.75	PPBV	90
37) CYCLOHEXANE	10.414	84	110001	8.85	PPBV #	69
38) TRICHLOROETHYLENE	11.150	95	171868	9.79	PPBV #	83
39) 1,2-DICHLOROPROPANE	10.923	63	97499	9.08	PPBV #	73
40) BROMODICHLOROMETHANE	11.109	83	324842	8.50	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.171	57	467489	10.97	PPBV	99
42) 1,4-DIOXANE	11.139	88	50352	10.08	PPBV #	68
43) HEPTANE	11.407	43	170103	10.78	PPBV	88

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3914A.D
Acq On : 5 Jul 2007 6:11 pm
Operator : PhilipB
Sample : BS (M209)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 06 07:28:46 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration

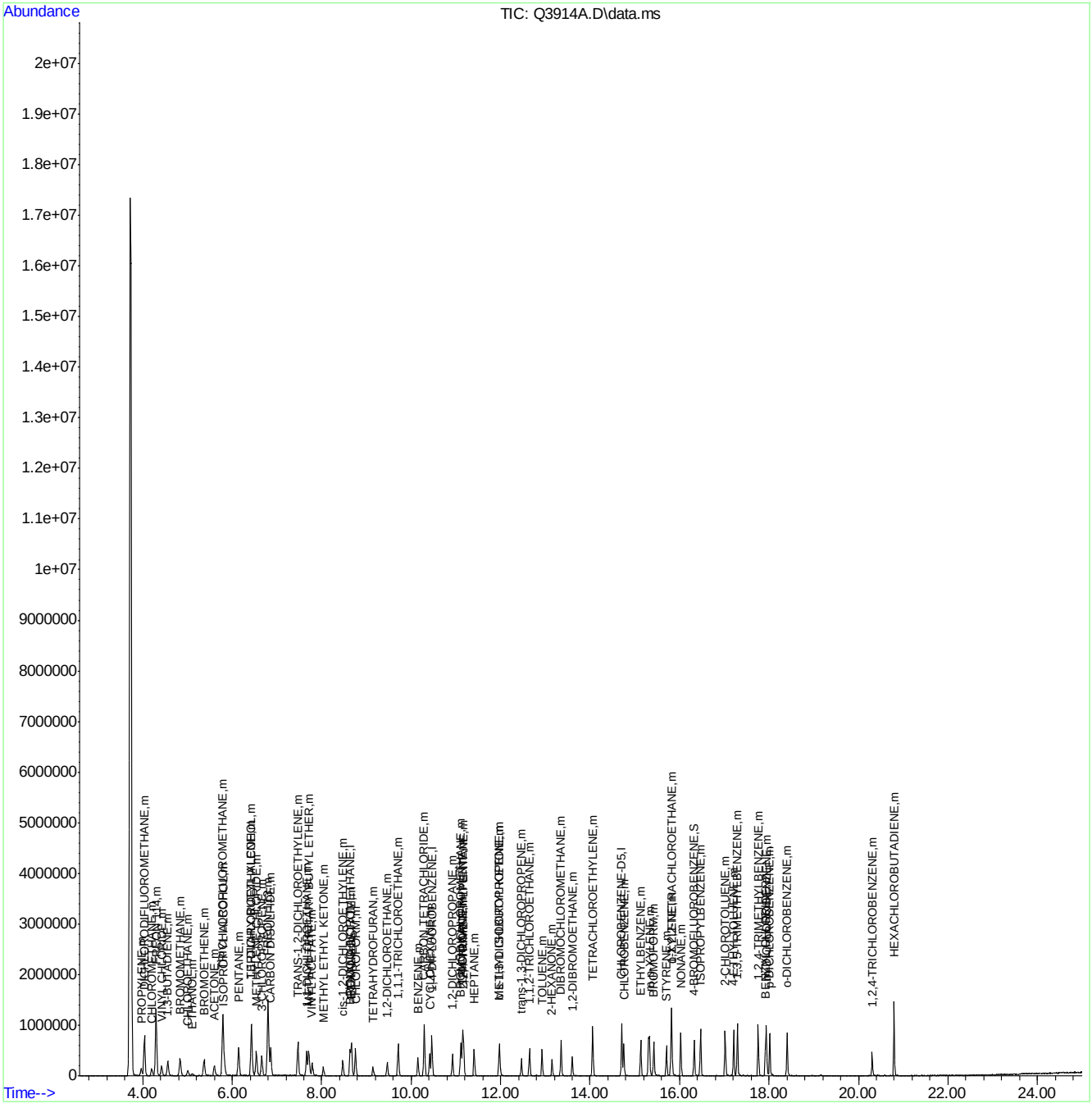
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.981	43	240700	11.45 PPBV	89
45) cis-1,3-DICHLOROPROPENE	11.963	75	169654	11.29 PPBV #	79
46) TOLUENE	12.927	92	161253	10.80 PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.465	75	136310	9.04 PPBV	91
48) 1,1,2-TRICHLOROETHANE	12.646	83	104254	9.34 PPBV	96
50) 2-HEXANONE	13.147	43	193415	9.68 PPBV	86
51) TETRACHLOROETHYLENE	14.059	164	117189	9.79 PPBV	93
52) DIBROMOCHLOROMETHANE	13.353	129	264685	10.19 PPBV	100
53) 1,2-DIBROMOETHANE	13.603	107	171298	9.28 PPBV	96
54) CHLOROBENZENE	14.751	112	218398	9.34 PPBV #	81
55) ETHYLBENZENE	15.134	91	400064	10.60 PPBV	93
56) m,p-XYLENE	15.328	106	288624m	21.08 PPBV	
57) o-XYLENE	15.823	106	152764	10.89 PPBV #	70
58) STYRENE	15.706	104	197897	11.13 PPBV	84
59) NONANE	16.027	43	276338	11.32 PPBV	95
60) BROMOFORM	15.425	173	219526	10.36 PPBV #	35
62) 1,1,2,2-TETRACHLOROETHANE	15.812	83	314354	9.97 PPBV	98
63) ISOPROPYLBENZENE	16.471	105	485497	11.02 PPBV #	100
64) 2-CHLOROTOLUENE	17.019	91	408193	11.49 PPBV	88
65) 4-ETHYLTOLUENE	17.211	105	437413	8.76 PPBV	96
66) 1,3,5-TRIMETHYLBENZENE	17.293	105	452582	11.26 PPBV	88
67) 1,2,4-TRIMETHYLBENZENE	17.756	105	441776	9.34 PPBV	91
68) m-DICHLOROBENZENE	17.940	146	240117	10.11 PPBV	92
69) BENZYL CHLORIDE	17.919	91	304910	9.77 PPBV	95
70) p-DICHLOROBENZENE	18.017	146	214997	7.22 PPBV	95
71) o-DICHLOROBENZENE	18.404	146	217174	7.80 PPBV	93
72) HEXACHLOROBUTADIENE	20.798	225	119101	10.29 PPBV	97
73) 1,2,4-TRICHLOROBENZENE	20.304	180	74924	8.19 PPBV	100

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3914A.D
Acq On : 5 Jul 2007 6:11 pm
Operator : PhilipB
Sample : BS (M209)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 3 Sample Multiplier: 1

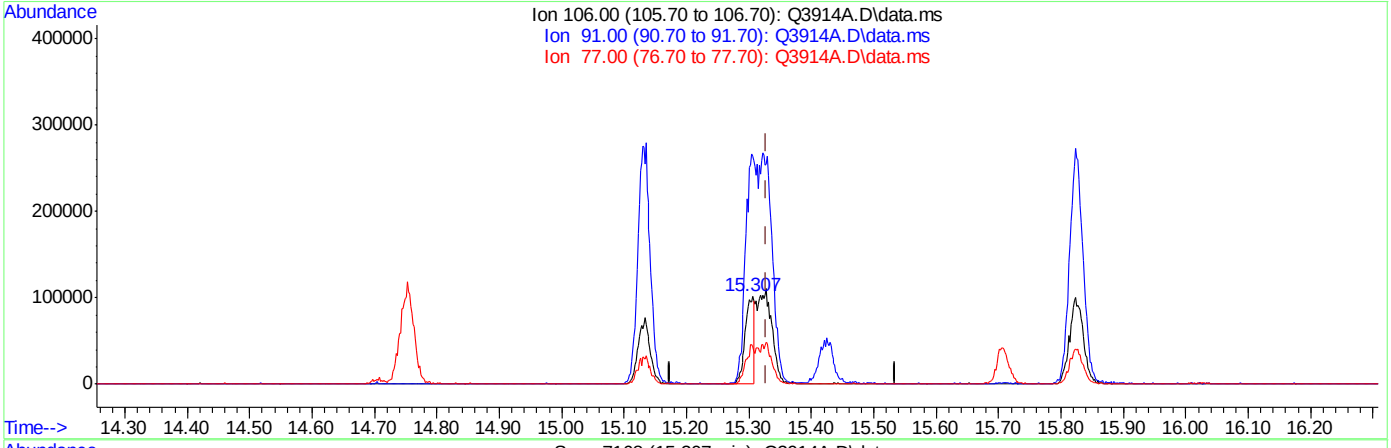
Quant Time: Jul 06 07:28:46 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration

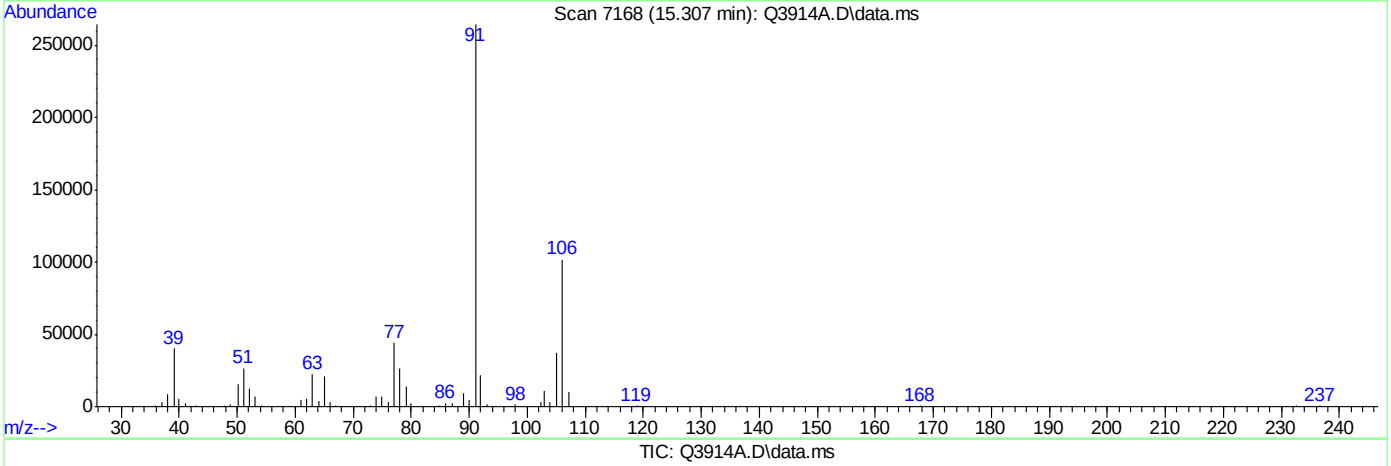


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3914A.D
Acq On : 5 Jul 2007 6:11 pm
Operator : PhilipB
Sample : BS (M209)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 06 07:28:31 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3914A.D\data.ms

(56) m,p-XYLENE (m)

15.307min (-0.022) 7.32PPBV

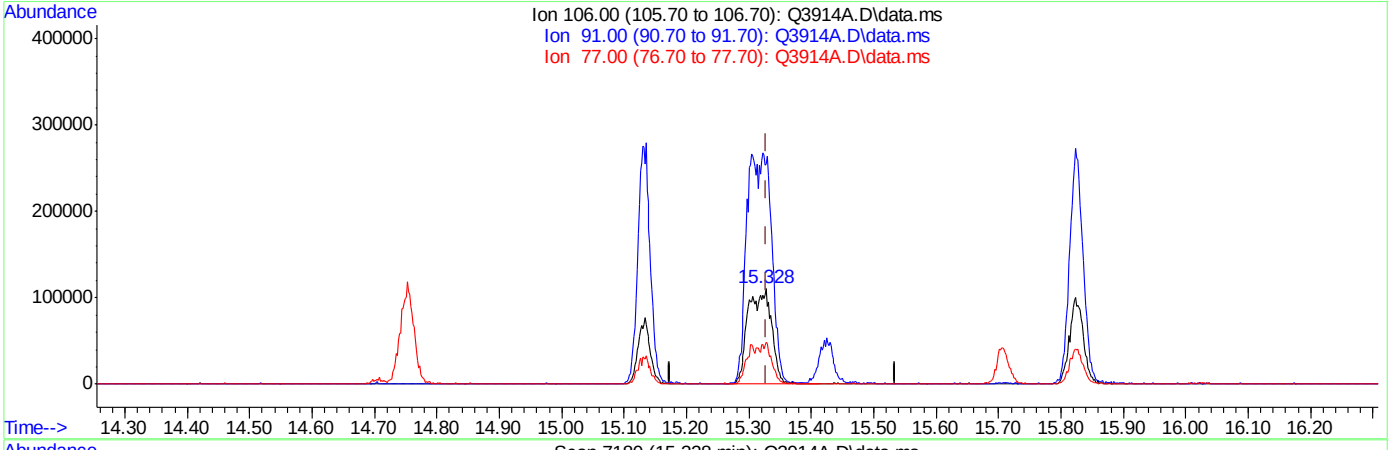
response 100212

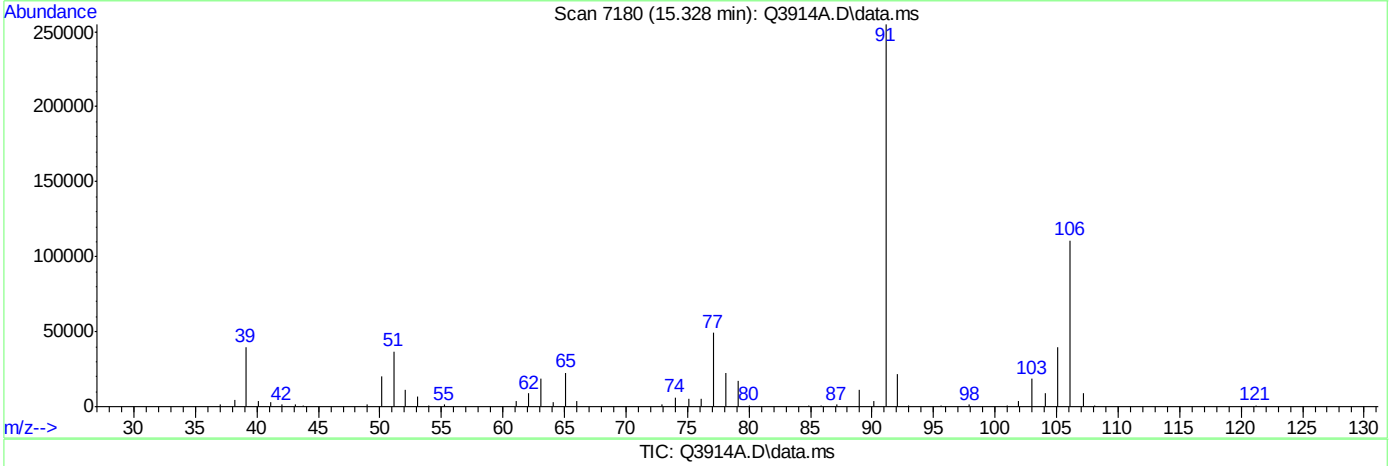
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	259.26#
77.00	27.30	43.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3914A.D
Acq On : 5 Jul 2007 6:11 pm
Operator : PhilipB
Sample : BS (M209)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 06 07:28:31 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3914A.D\data.ms

(56) m,p-XYLENE (m)

15.328min (-0.001) 21.08PPBV m

response 288624

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	230.02
77.00	27.30	44.33#
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
06/08/07 15:47

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3632A.D
Acq On : 6 Jun 2007 3:26 pm
Operator : PhilipB
Sample : BS (M179)
Misc : MS13699, MSQ198,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 06 16:18:02 2007
Quant Method : C:\msdchem\1\METHODS\Q060507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 14:52:22 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.436	128	62280	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.351	114	248885	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	227029	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.334	95	128557	5.38	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 107.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.613	85	665137	8.78	PPBV	84
3) PROPYLENE	3.538	41	83921	10.93	PPBV	92
4) FREON 114	3.875	85	529647	8.92	PPBV #	100
5) CHLOROMETHANE	3.776	50	101621	9.81	PPBV	95
6) VINYL CHLORIDE	4.001	62	106014	9.05	PPBV	74
7) 1,3-BUTADIENE	4.138	39	119482	8.83	PPBV #	100
8) BROMOMETHANE	4.420	94	124777	7.86	PPBV #	100
9) CHLOROETHANE	4.594	64	46344	8.90	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.407	101	839719	8.88	PPBV #	100
11) ISOPROPYL ALCOHOL	5.460	45	251071	9.22	PPBV	95
12) ACETONE	5.201	43	267826	8.16	PPBV	82
13) PENTANE	5.785	42	142848	9.48	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.079	96	173309	9.64	PPBV #	19
15) CARBON DISULFIDE	6.537	76	476390	10.00	PPBV #	60
16) ETHANOL	4.688	45	29291	7.78	PPBV	100
17) BROMOETHENE	4.960	106	141236	8.23	PPBV #	100
18) METHYLENE CHLORIDE	6.205	84	144759	7.94	PPBV #	1
19) 3-CHLOROPROPENE	6.333	39	214469	9.47	PPBV #	1
20) FREON 113	6.484	151	535756	9.36	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.194	96	197907	10.55	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.103	59	350988	9.70	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.455	73	476191	10.53	PPBV #	100
24) TETRAHYDROFURAN	8.963	42	104077	10.69	PPBV #	100
25) HEXANE	8.468	57	113676	9.84	PPBV #	100
26) VINYL ACETATE	7.544	43	426974	10.74	PPBV	87
27) 1,1-DICHLOROETHANE	7.405	63	349266	11.08	PPBV #	100
28) METHYL ETHYL KETONE	7.805	43	241695	10.31	PPBV	92
29) cis-1,2-DICHLOROETHYLENE	8.262	96	86047	10.52	PPBV #	100
30) ETHYL ACETATE	8.474	43	374676	9.87	PPBV	100
31) CHLOROFORM	8.564	83	317724	9.82	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.558	97	396423	10.33	PPBV	94
33) CARBON TETRACHLORIDE	10.165	117	468970	9.67	PPBV	96
34) 1,2-DICHLOROETHANE	9.302	62	275266	10.28	PPBV	98
36) BENZENE	10.018	78	219350	9.92	PPBV	95
37) CYCLOHEXANE	10.289	84	78550	10.73	PPBV #	79
38) TRICHLOROETHYLENE	11.058	95	161768	10.41	PPBV	90
39) 1,2-DICHLOROPROPANE	10.827	63	86717	9.55	PPBV	99
40) BROMODICHLOROMETHANE	11.015	83	325049	9.79	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.079	57	384320	10.41	PPBV	96
42) 1,4-DIOXANE	11.045	88	47150	11.19	PPBV #	70
43) HEPTANE	11.329	43	158169	10.00	PPBV	84

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3632A.D
Acq On : 6 Jun 2007 3:26 pm
Operator : PhilipB
Sample : BS (M179)
Misc : MS13699, MSQ198,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 06 16:18:02 2007
Quant Method : C:\msdchem\1\METHODS\Q060507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 14:52:22 2007
Response via : Initial Calibration

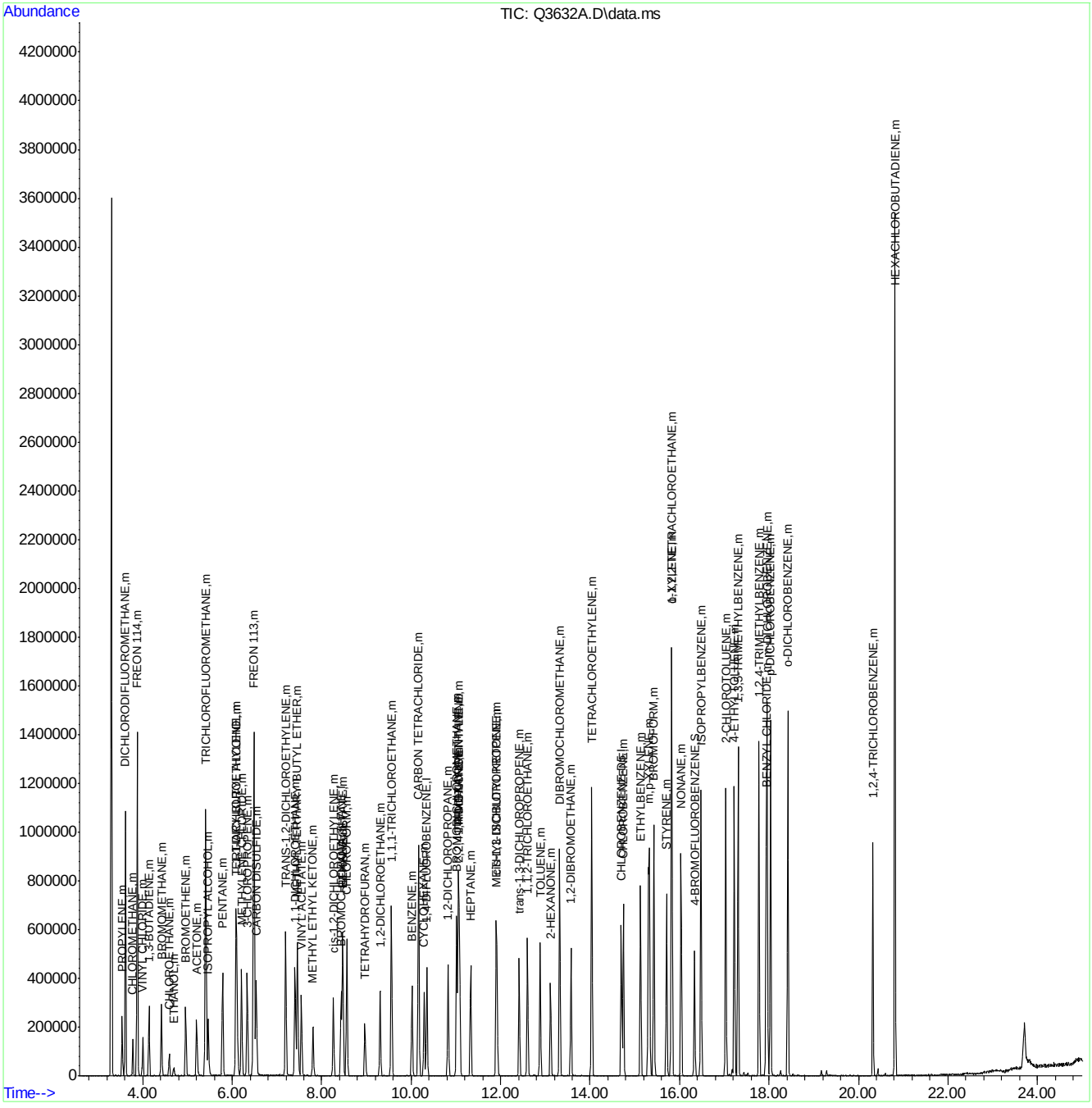
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.918	43	267993	10.52 PPBV	89
45) cis-1,3-DICHLOROPROPENE	11.902	75	171438	10.95 PPBV #	72
46) TOLUENE	12.882	92	171140	10.20 PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.415	75	174579	7.95 PPBV #	99
48) 1,1,2-TRICHLOROETHANE	12.602	83	99980	11.62 PPBV	93
50) 2-HEXANONE	13.115	43	254950	11.11 PPBV	89
51) TETRACHLOROETHYLENE	14.036	164	181183	10.97 PPBV	97
52) DIBROMOCHLOROMETHANE	13.319	129	376399	10.76 PPBV	99
53) 1,2-DIBROMOETHANE	13.573	107	250848	11.37 PPBV	98
54) CHLOROBENZENE	14.742	112	265030	10.17 PPBV	92
55) ETHYLBENZENE	15.129	91	446201	10.14 PPBV	95
56) m,p-XYLENE	15.324	106	347752m	21.94 PPBV	
57) o-XYLENE	15.827	106	194706	10.06 PPBV #	85
58) STYRENE	15.706	104	253987	8.35 PPBV	94
59) NONANE	16.032	43	319444	10.81 PPBV	90
60) BROMOFORM	15.425	173	385817	11.00 PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.819	83	327761	12.15 PPBV	98
63) ISOPROPYLBENZENE	16.481	105	637107	9.82 PPBV	95
64) 2-CHLOROTOLUENE	17.032	91	489204	9.36 PPBV	93
65) 4-ETHYLTOLUENE	17.223	105	586479	8.51 PPBV	95
66) 1,3,5-TRIMETHYLBENZENE	17.307	105	581750	9.18 PPBV	94
67) 1,2,4-TRIMETHYLBENZENE	17.773	105	587293	9.14 PPBV	94
68) m-DICHLOROBENZENE	17.956	146	433027	9.98 PPBV	96
69) BENZYL CHLORIDE	17.935	91	480300	9.80 PPBV	93
70) p-DICHLOROBENZENE	18.033	146	422258	9.83 PPBV	97
71) o-DICHLOROBENZENE	18.419	146	416291	8.48 PPBV	98
72) HEXACHLOROBUTADIENE	20.814	225	432486	15.63 PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.322	180	198581	13.72 PPBV	94

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3632A.D
Acq On : 6 Jun 2007 3:26 pm
Operator : PhilipB
Sample : BS (M179)
Misc : MS13699, MSQ198,,,,,1
ALS Vial : 4 Sample Multiplier: 1

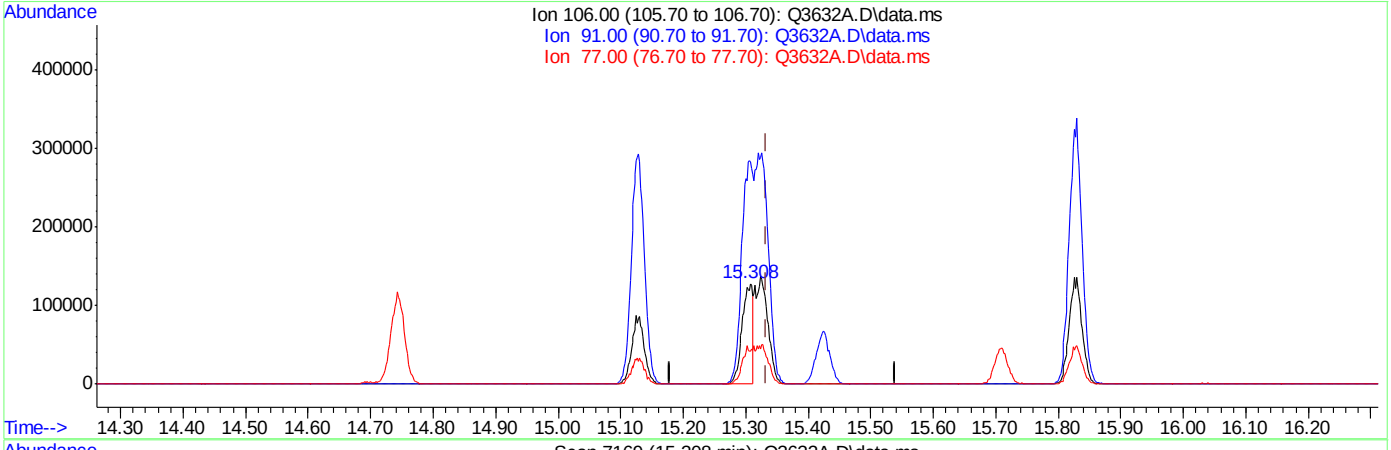
Quant Time: Jun 06 16:18:02 2007
Quant Method : C:\msdchem\1\METHODS\Q060507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 14:52:22 2007
Response via : Initial Calibration

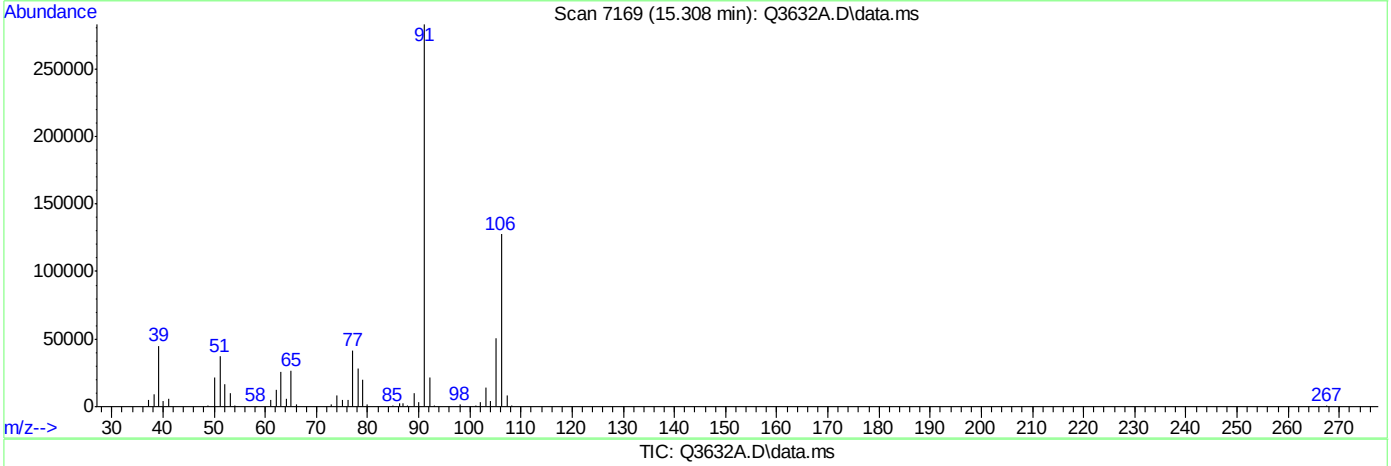


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3632A.D
Acq On : 6 Jun 2007 3:26 pm
Operator : PhilipB
Sample : BS (M179)
Misc : MS13699, MSQ198,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 06 16:17:51 2007
Quant Method : C:\msdchem\1\METHODS\Q060507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 14:52:22 2007
Response via : Initial Calibration





TIC: Q3632A.D\data.ms

(56) m,p-XYLENE (m)

15.308min (-0.026) 10.68PPBV

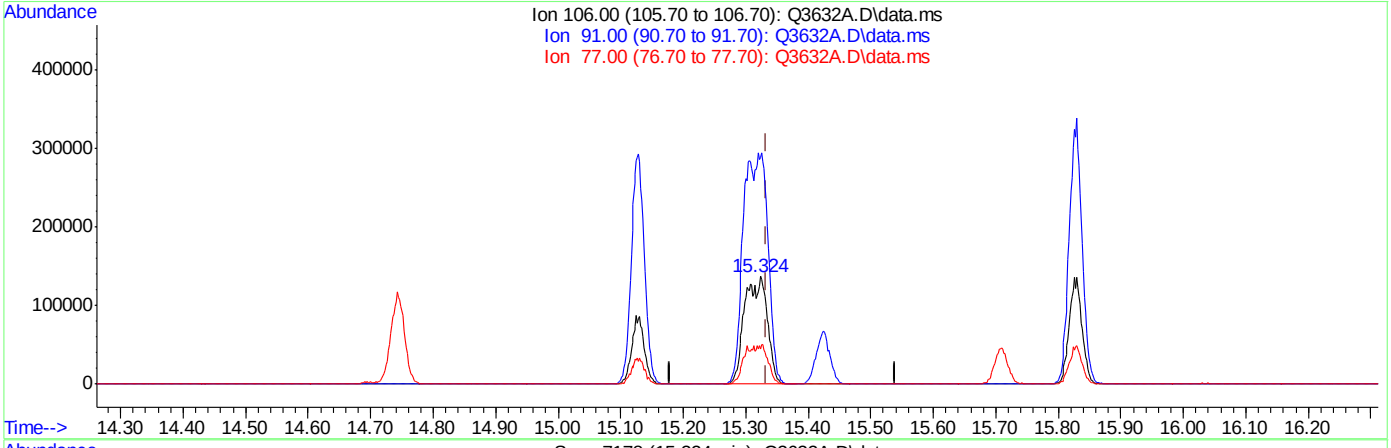
response 151935

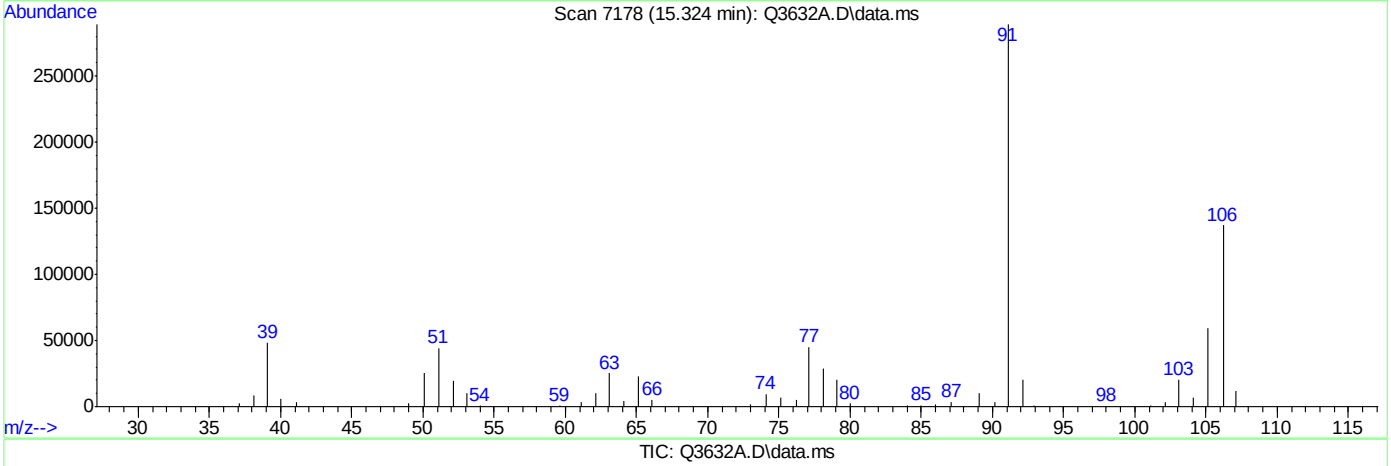
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	221.64
77.00	30.60	32.46
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3632A.D
Acq On : 6 Jun 2007 3:26 pm
Operator : PhilipB
Sample : BS (M179)
Misc : MS13699, MSQ198,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 06 16:17:51 2007
Quant Method : C:\msdchem\1\METHODS\Q060507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 14:52:22 2007
Response via : Initial Calibration





TIC: Q3632A.D\data.ms

(56) m,p-XYLENE (m)

15.324min (-0.010) 21.94PPBV m

response 347752

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	211.08
77.00	30.60	32.99
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 : 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

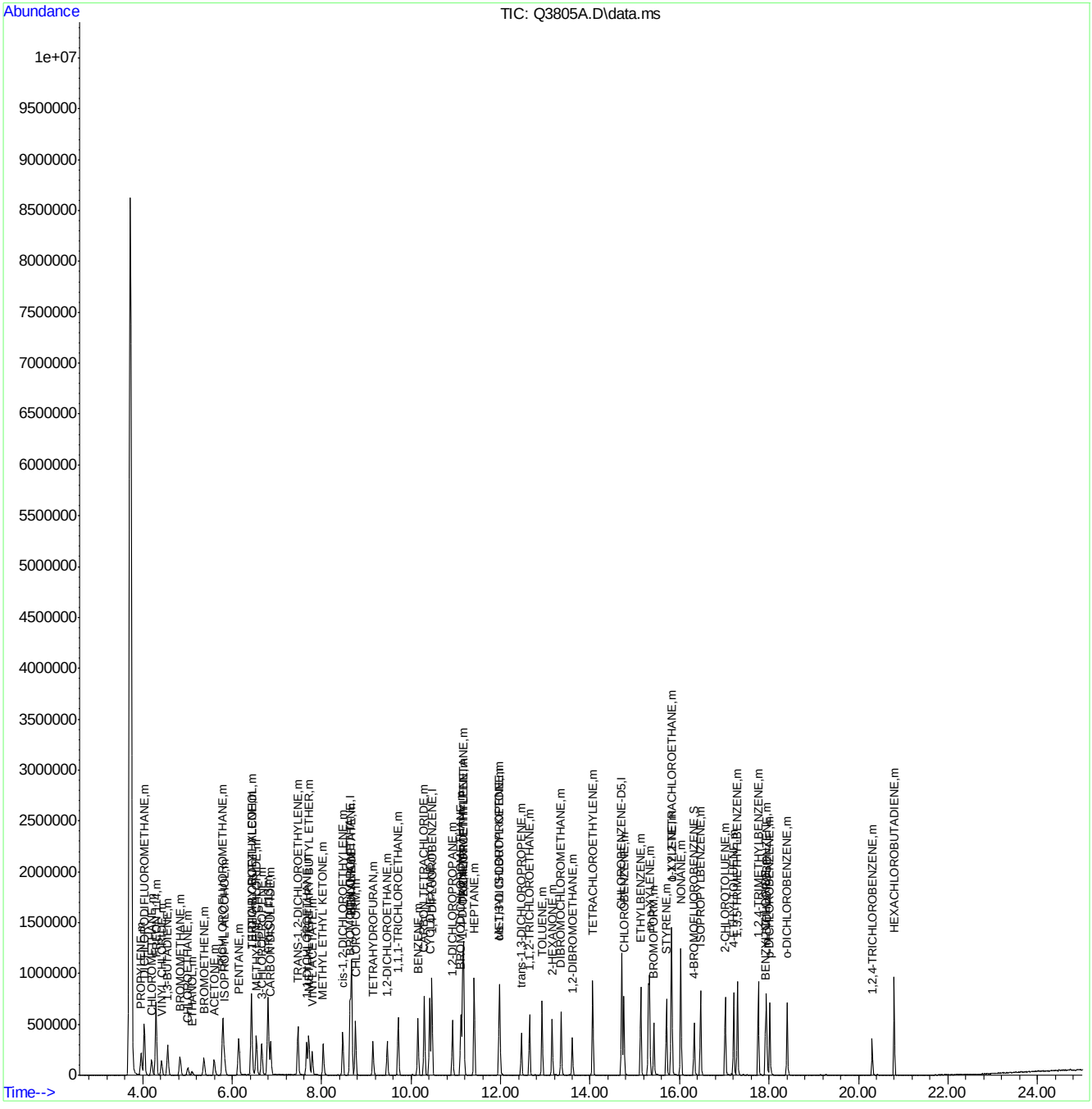
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.979	43	524962	11.29 PPBV	88
45) cis-1,3-DICHLOROPROPENE	11.965	75	218914	10.05 PPBV #	82
46) TOLUENE	12.927	92	242091	9.00 PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.463	75	172780	8.28 PPBV	85
48) 1,1,2-TRICHLOROETHANE	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

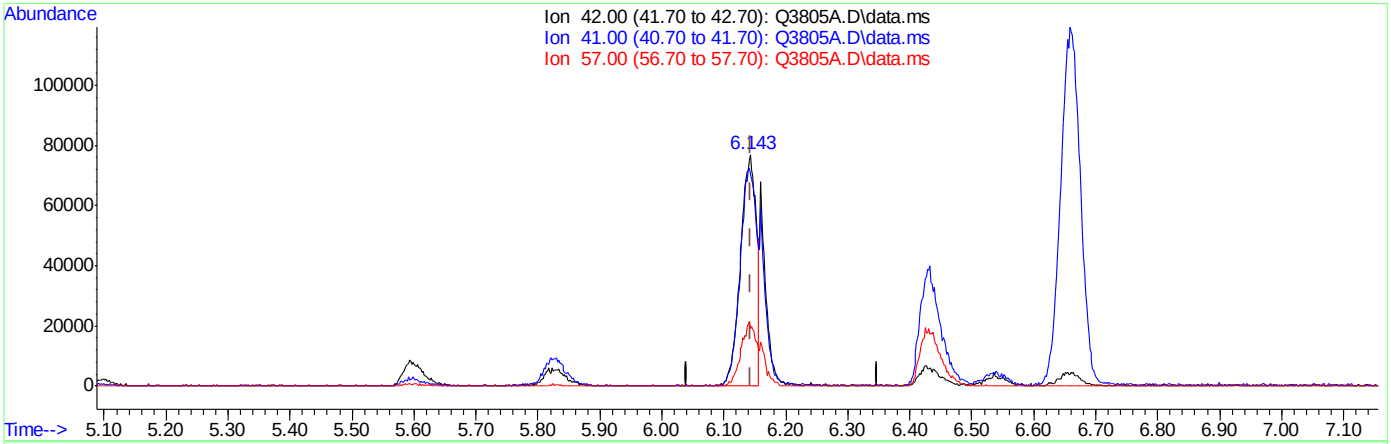
Quant Time: Jun 26 09:18:11 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:41:33 2007
Response via : Initial Calibration

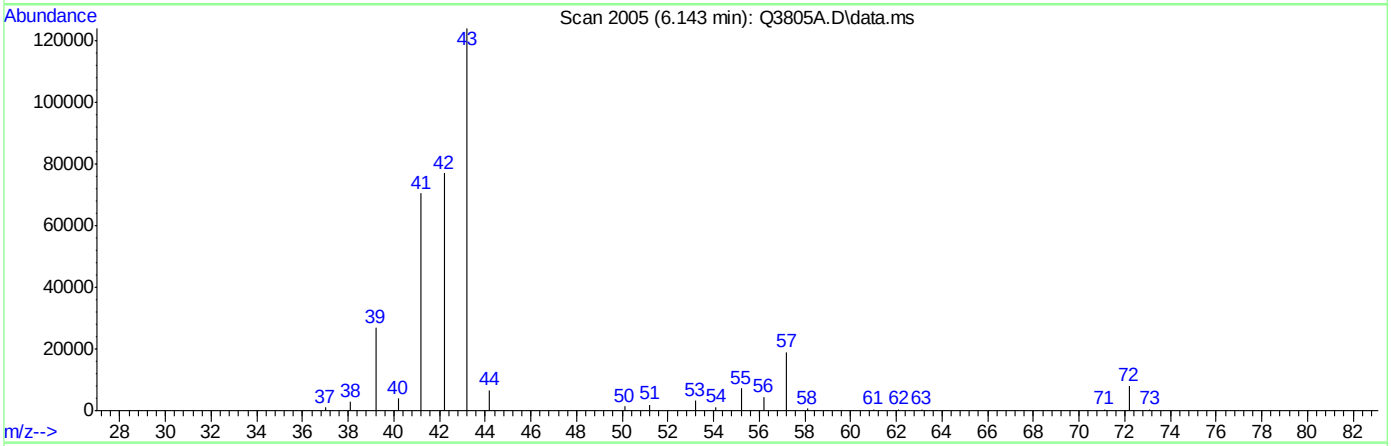


Quantitation Report (Qedit)

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

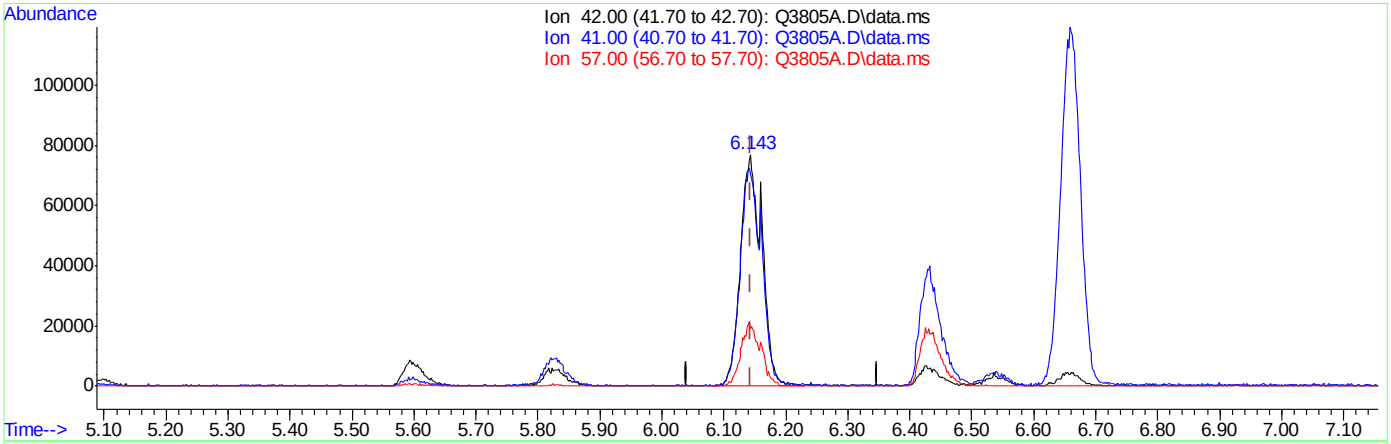
response 137035

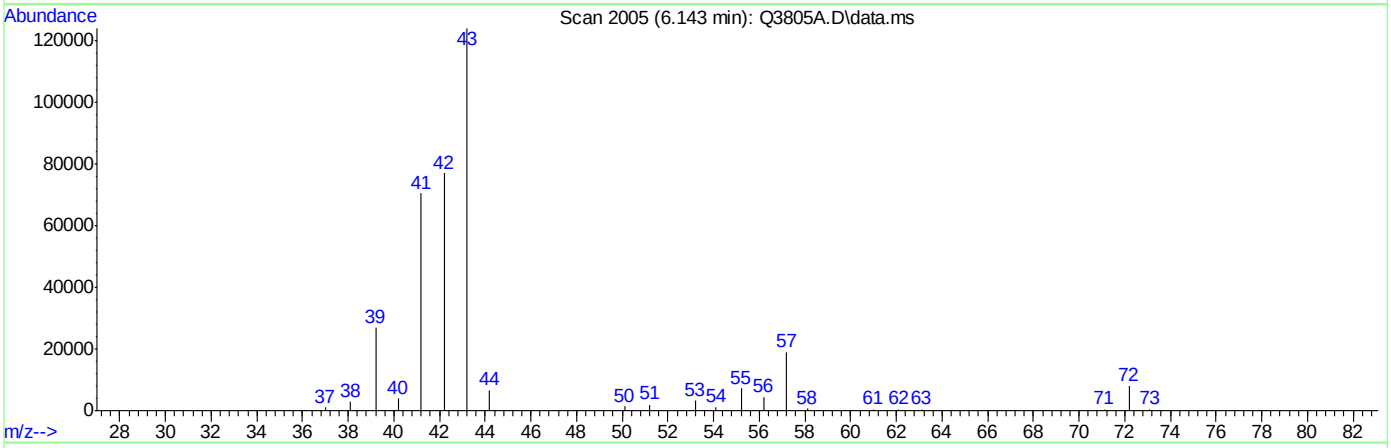
Ion	Exp%	Act%
42.00	100	100
41.00	94.80	127.74#
57.00	28.90	34.36
0.00	0.00	0.00

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

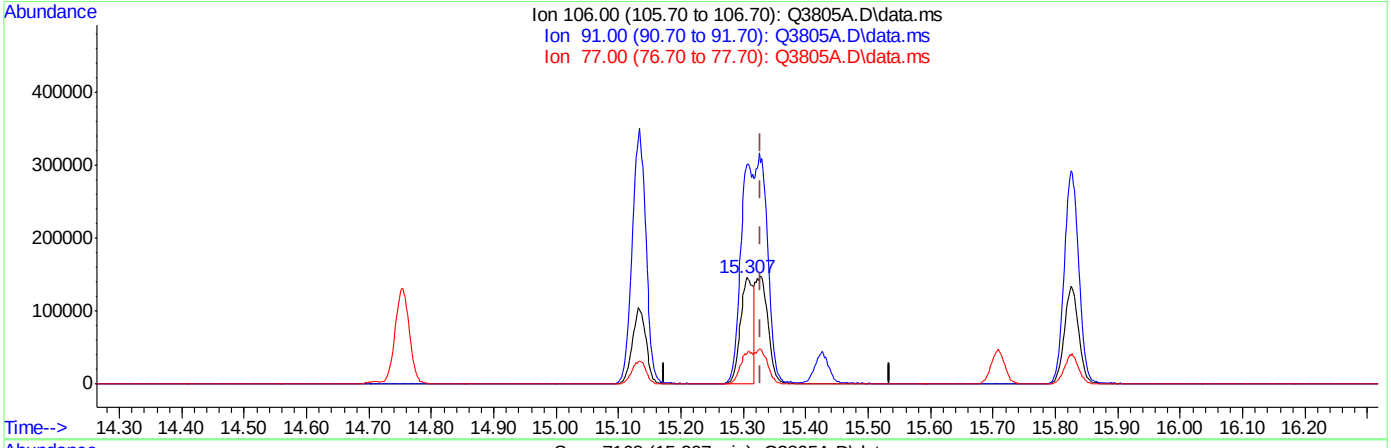
response 185365

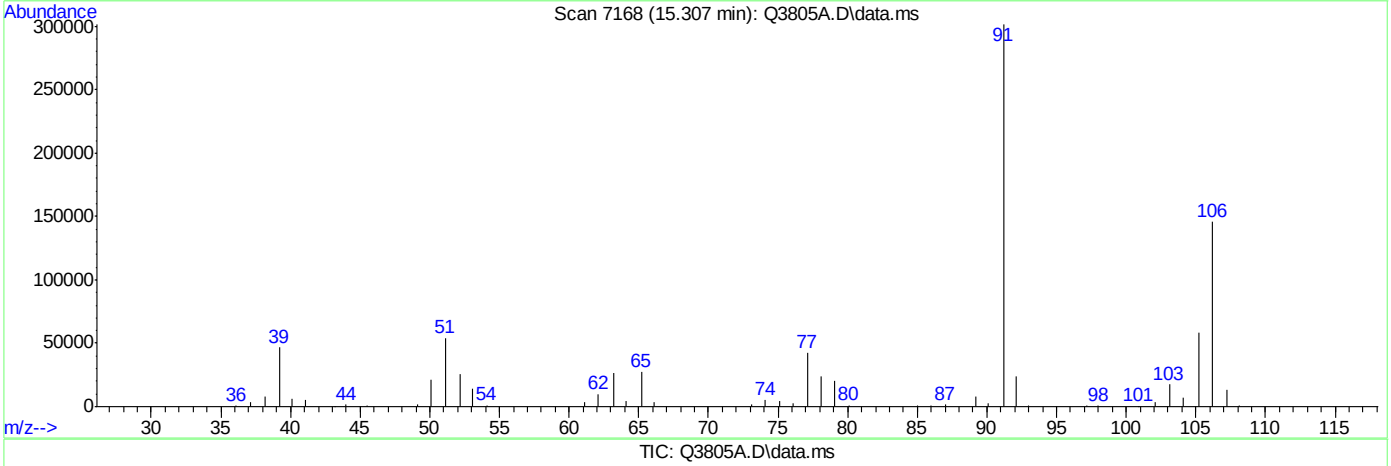
Ion	Exp%	Act%
42.00	100	100
41.00	94.80	94.44
57.00	28.90	25.40
0.00	0.00	0.00

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

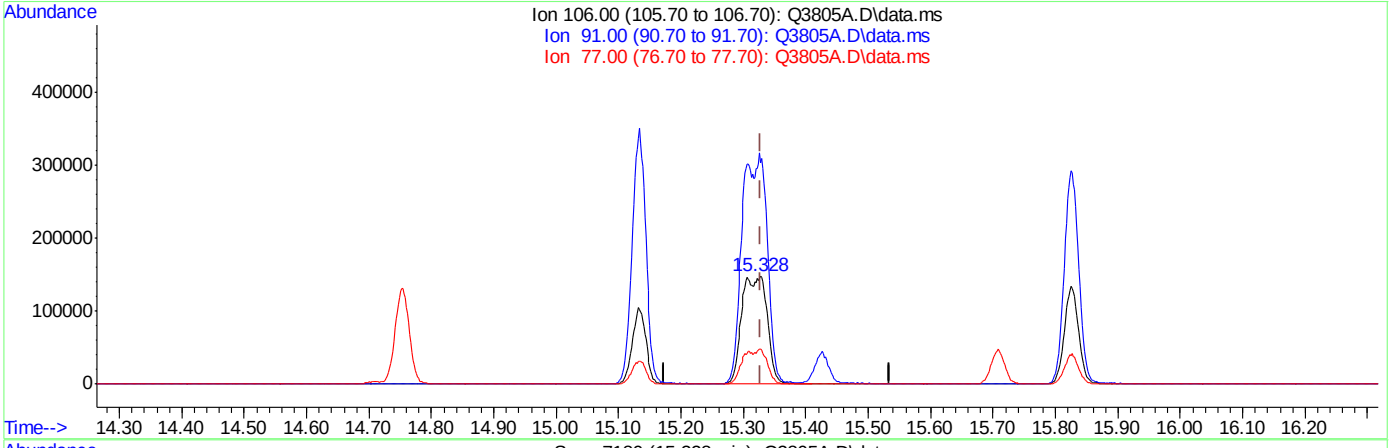
response 214724

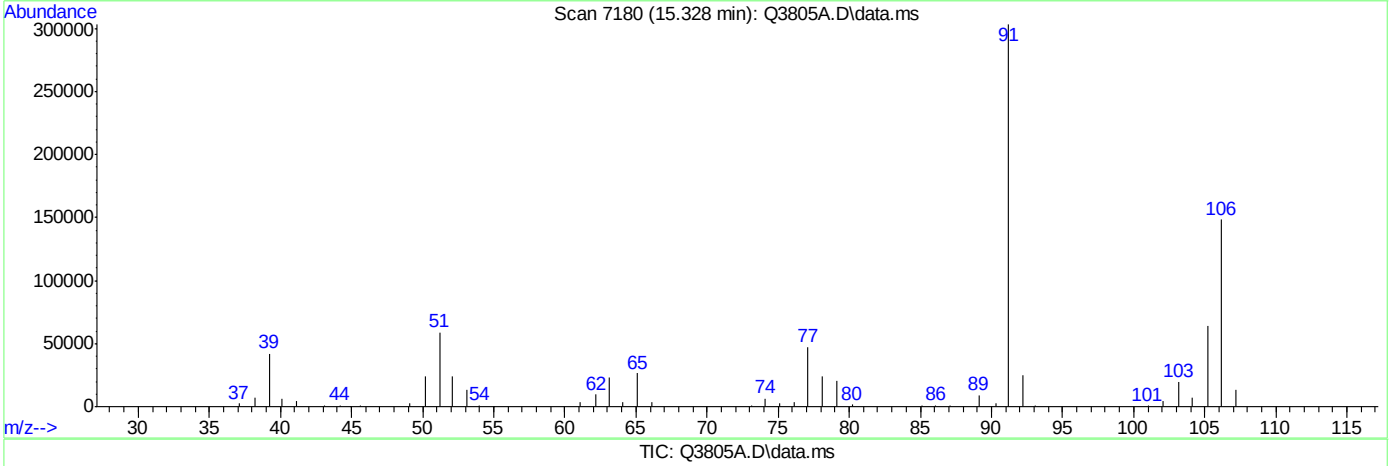
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	206.76
77.00	27.30	29.10
0.00	0.00	0.00

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
07/11/07 12:09

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3921.D
Acq On : 5 Jul 2007 11:18 pm
Operator : PhilipB
Sample : M66014-1DUP
Misc : MS13893, MSQ210,,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 06 08:05:21 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.637	128	84776	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.460	114	414502	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.707	117	347770	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.325	95	134252	3.98	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 79.60%

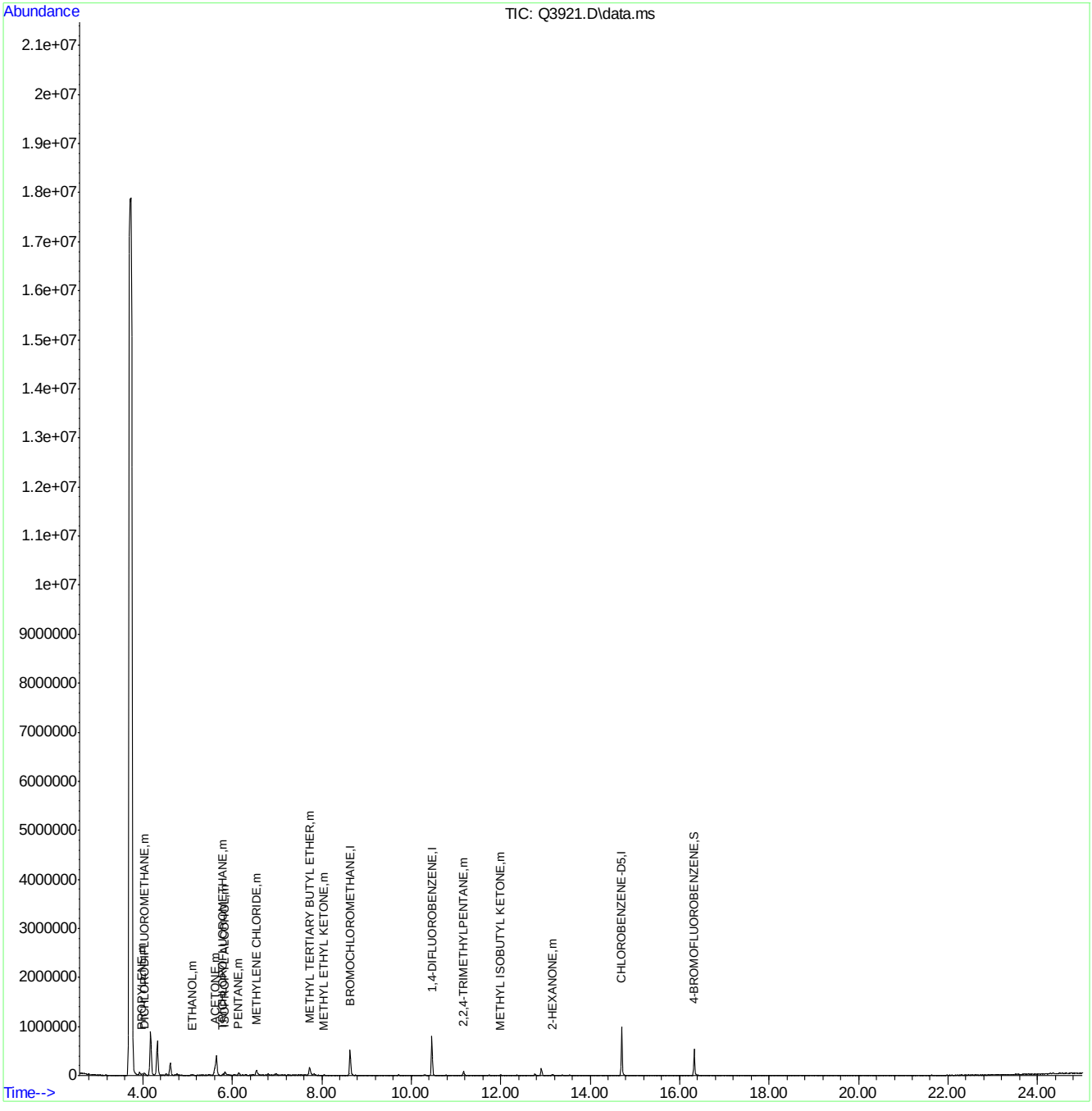
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.035	85	50318	0.52	PPBV	94
3) PROPYLENE	3.985	41	8293m	0.73	PPBV	
10) TRICHLOROFLUOROMETHANE	5.788	101	28530	0.26	PPBV #	27
11) ISOPROPYL ALCOHOL	5.838	45	76115m	2.45	PPBV	
12) ACETONE	5.602	43	162429	5.07	PPBV	66
13) PENTANE	6.140	42	23527m	0.98	PPBV	
16) ETHANOL	5.103	45	14863m	2.89	PPBV	
18) METHYLENE CHLORIDE	6.546	84	50970	1.97	PPBV	41
23) METHYL TERTIARY BUTYL ...	7.723	73	10598	0.23	PPBV #	1
28) METHYL ETHYL KETONE	8.049	43	10096	0.52	PPBV	81
41) 2,2,4-TRIMETHYLPENTANE	11.175	57	46522	1.15	PPBV	90
44) METHYL ISOBUTYL KETONE	11.986	43	7959	0.40	PPBV #	65
50) 2-HEXANONE	13.159	43	14417	0.77	PPBV #	68

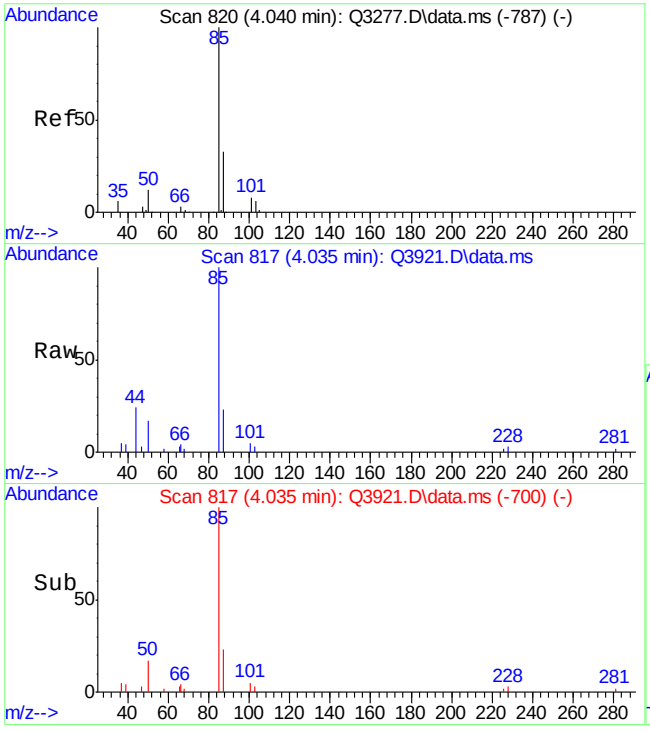
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3921.D
Acq On : 5 Jul 2007 11:18 pm
Operator : PhilipB
Sample : M66014-1DUP
Misc : MS13893, MSQ210,,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 06 08:05:21 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration

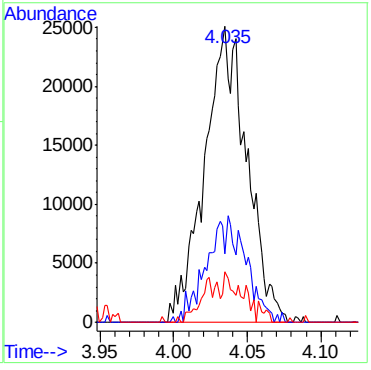


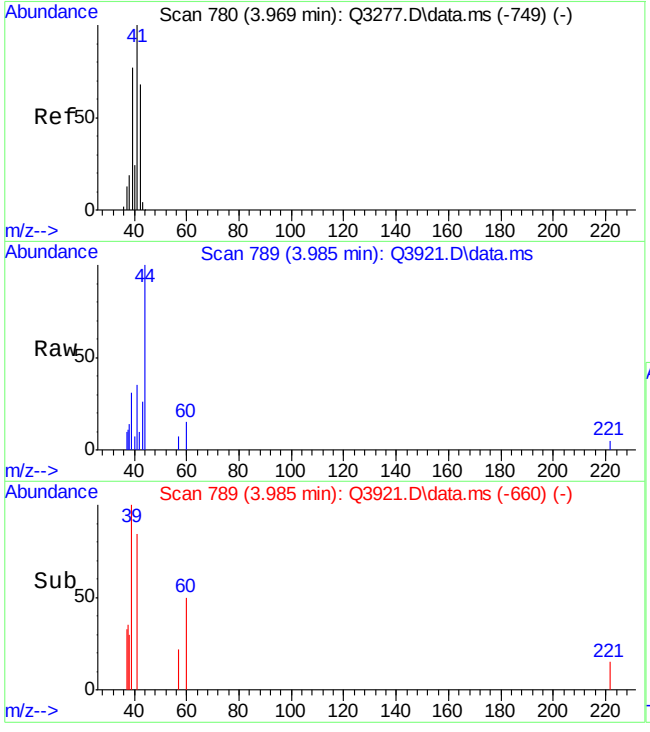


#2
DICHLORODIFLUOROMETHANE
Concen: 0.52 PPBV
RT: 4.035 min Scan# 817
Delta R.T. 0.002 min
Lab File: Q3921.D
Acq: 5 Jul 2007 11:18 pm

Tgt Ion: 85 Resp: 50318

Ion	Ratio	Lower	Upper
85	100		
87	32.9	12.1	52.1
50	7.2	0.0	33.8

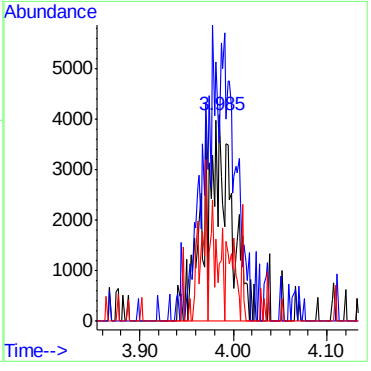


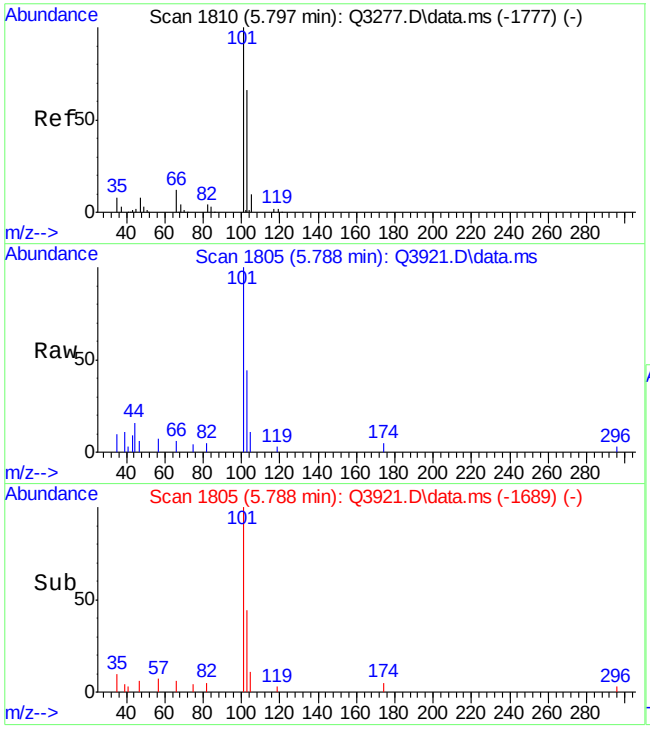


#3
PROPYLENE
Concen: 0.73 PPBV m
RT: 3.985 min Scan# 789
Delta R.T. 0.022 min
Lab File: Q3921.D
Acq: 5 Jul 2007 11:18 pm

Tgt Ion: 41 Resp: 8293

Ion	Ratio	Lower	Upper
41	100		
39	86.6	52.5	92.5
42	27.7	47.8	87.8#

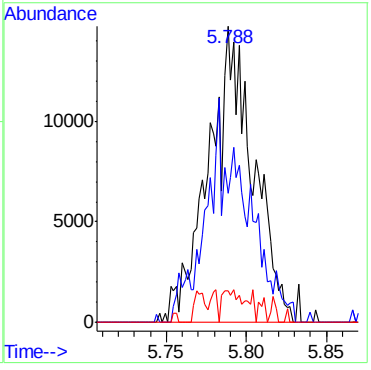


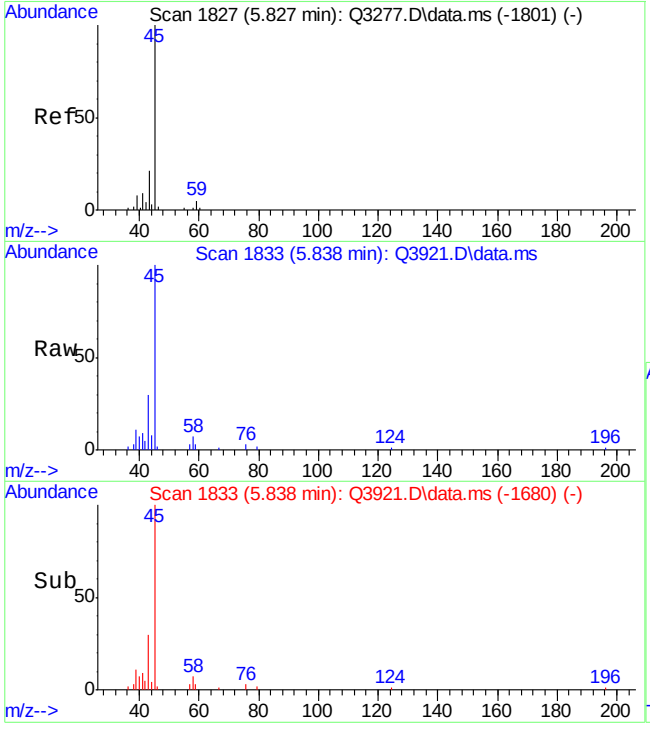


#10
TRICHLOROFLUOROMETHANE
Concen: 0.26 PPBV
RT: 5.788 min Scan# 1805
Delta R.T. -0.000 min
Lab File: Q3921.D
Acq: 5 Jul 2007 11:18 pm

Tgt Ion:101 Resp: 28530

Ion	Ratio	Lower	Upper
101	100		
103	0.0	44.3	84.3#
105	4.0	0.0	30.2

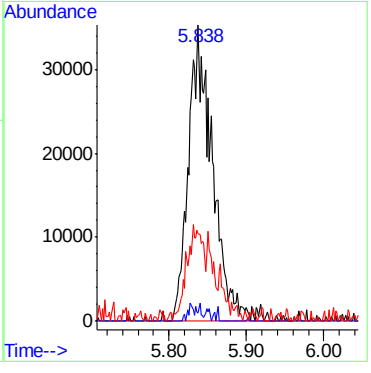


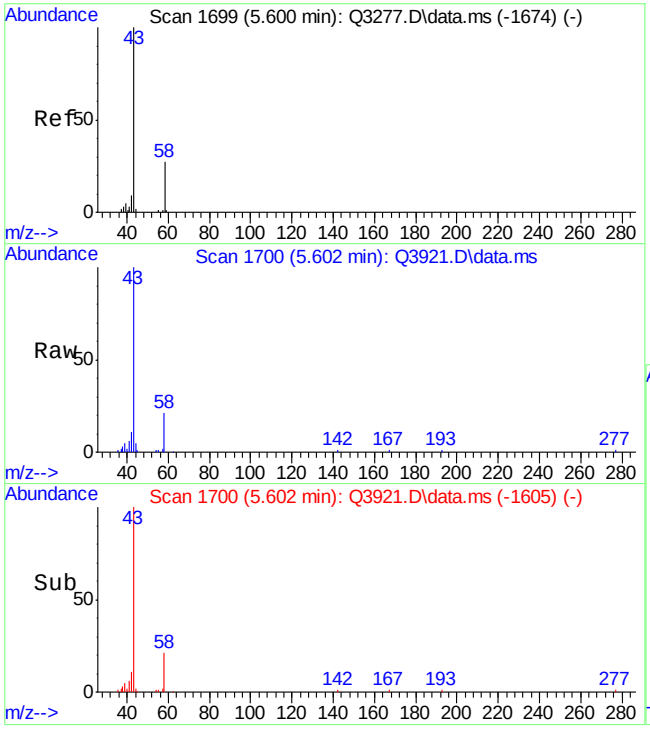


#11
ISOPROPYL ALCOHOL
Concen: 2.45 PPBV m
RT: 5.838 min Scan# 1833
Delta R.T. 0.013 min
Lab File: Q3921.D
Acq: 5 Jul 2007 11:18 pm

Tgt Ion: 45 Resp: 76115

Ion	Ratio	Lower	Upper
45	100		
59	2.9	0.0	23.7
43	29.7	0.0	39.7

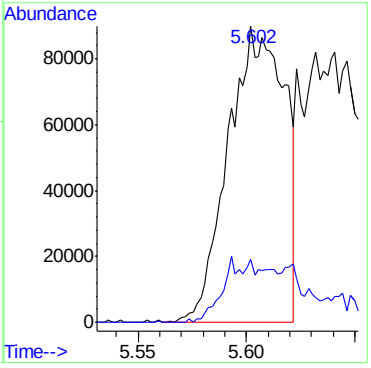


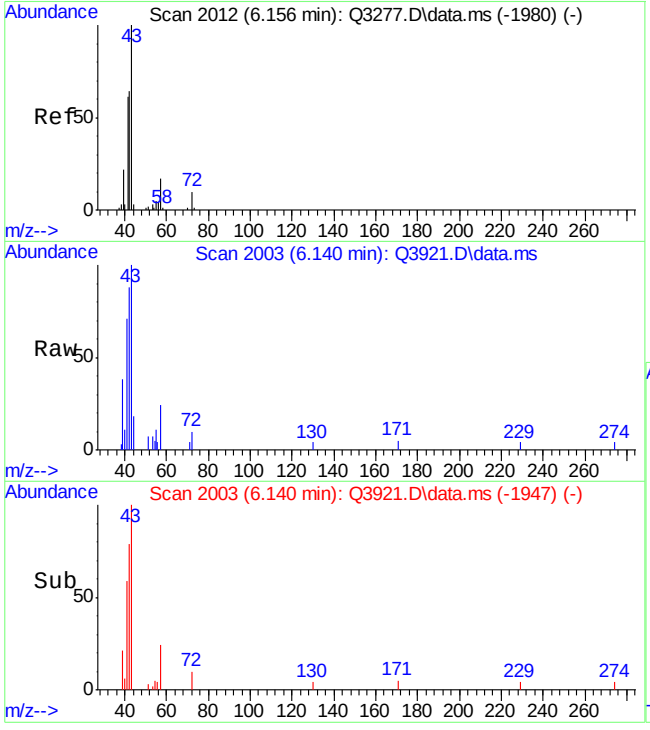


#12
ACETONE
Concen: 5.07 PPBV
RT: 5.602 min Scan# 1700
Delta R.T. 0.013 min
Lab File: Q3921.D
Acq: 5 Jul 2007 11:18 pm

Tgt Ion: 43 Resp: 162429

Ion	Ratio	Lower	Upper
43	100		
58	11.1	9.0	49.0

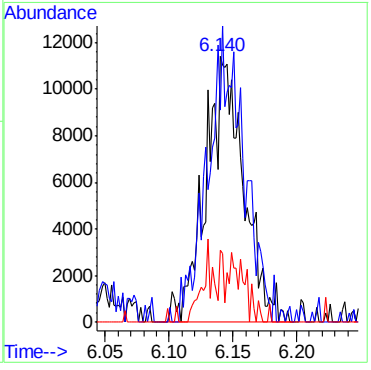


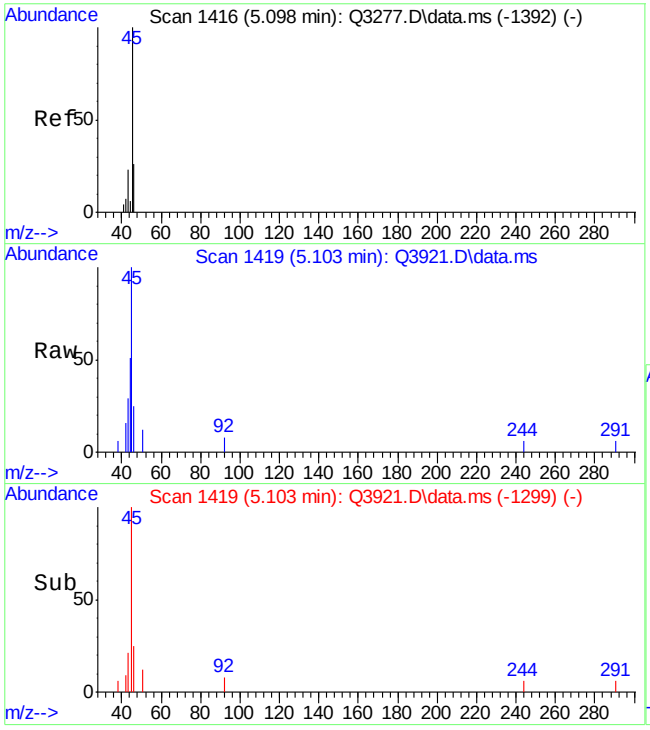


#13
PENTANE
Concen: 0.98 PPBV m
RT: 6.140 min Scan# 2003
Delta R.T. -0.003 min
Lab File: Q3921.D
Acq: 5 Jul 2007 11:18 pm

Tgt Ion: 42 Resp: 23527

Ion	Ratio	Lower	Upper
42	100		
41	102.9	74.8	114.8
57	10.6	8.9	48.9

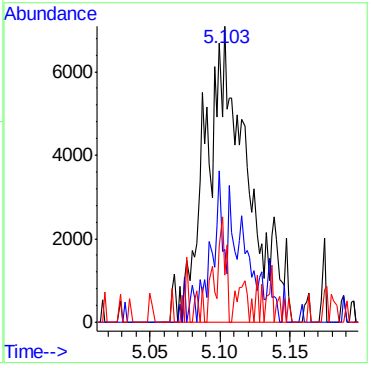


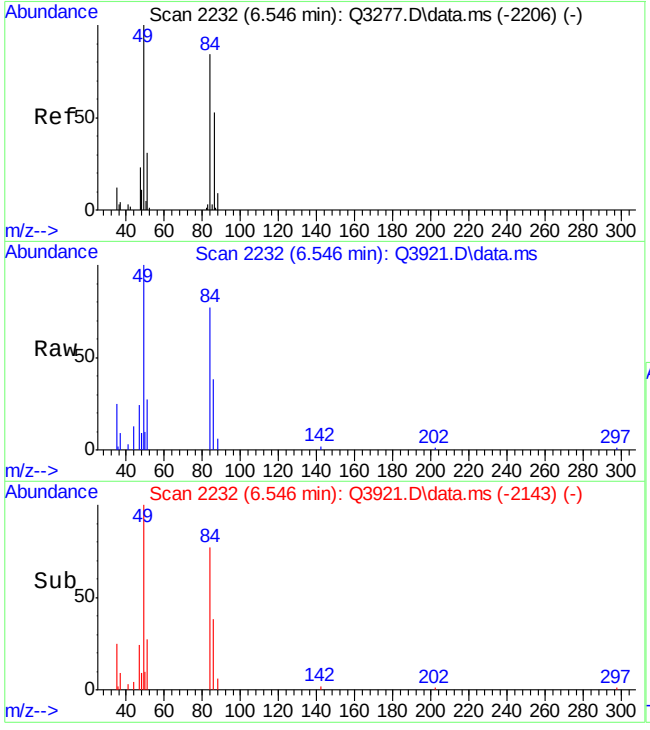


#16
ETHANOL
Concen: 2.89 PPBV m
RT: 5.103 min Scan# 1419
Delta R.T. 0.007 min
Lab File: Q3921.D
Acq: 5 Jul 2007 11:18 pm

Tgt Ion: 45 Resp: 14863

Ion	Ratio	Lower	Upper
45	100		
46	13.4	14.7	54.7#
42	8.8	0.0	28.4

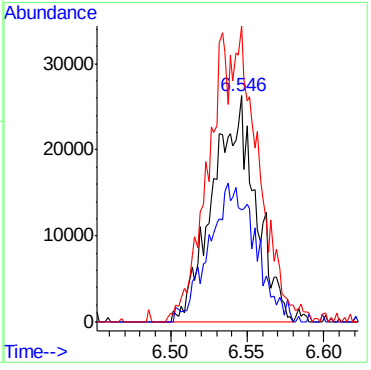


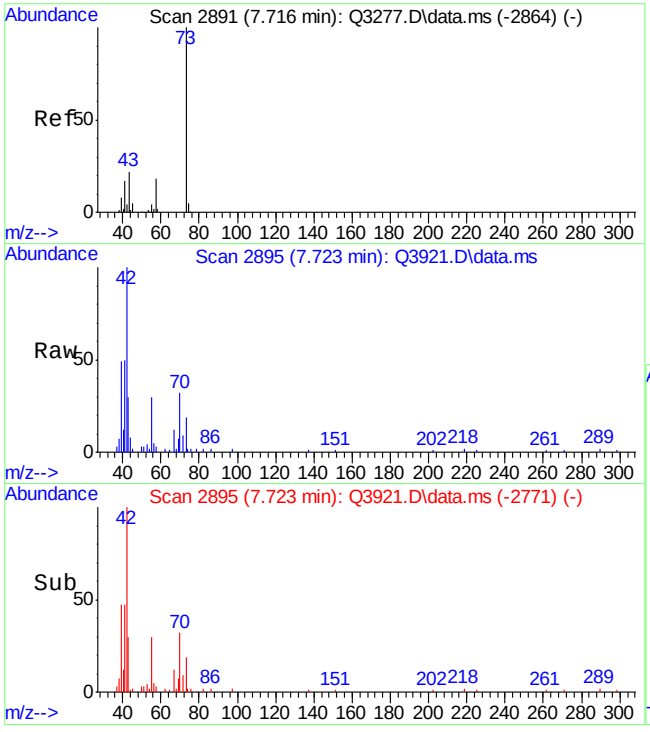


#18
METHYLENE CHLORIDE
Concen: 1.97 PPBV
RT: 6.546 min Scan# 2232
Delta R.T. 0.007 min
Lab File: Q3921.D
Acq: 5 Jul 2007 11:18 pm

Tgt Ion: 84 Resp: 50970

Ion	Ratio	Lower	Upper
84	100		
86	66.6	44.1	84.1
49	62.5	0.0	372.3

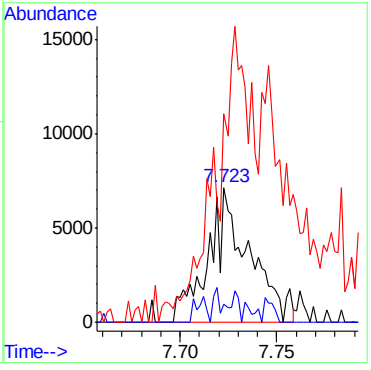


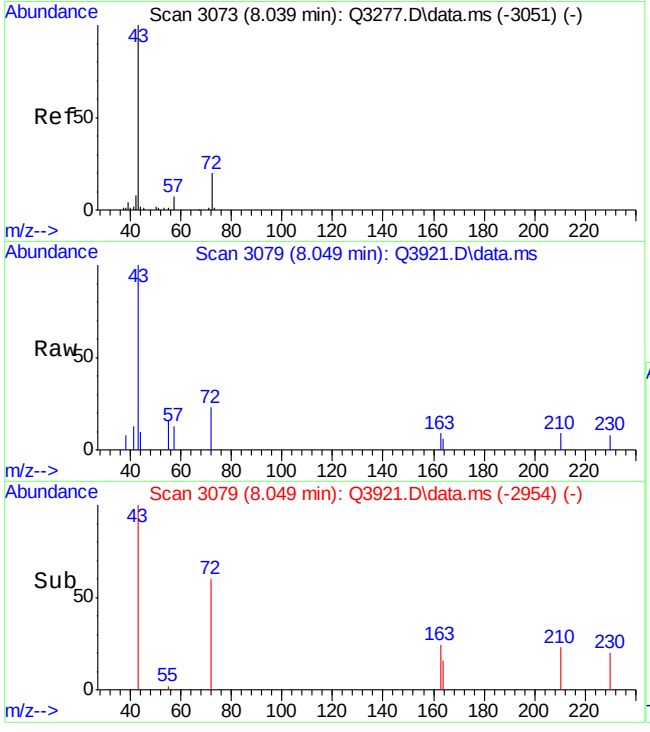


#23
METHYL TERTIARY BUTYL ETHER
Concen: 0.23 PPBV
RT: 7.723 min Scan# 2895
Delta R.T. 0.014 min
Lab File: Q3921.D
Acq: 5 Jul 2007 11:18 pm

Tgt Ion: 73 Resp: 10598

Ion	Ratio	Lower	Upper
73	100		
57	6.3	6.0	46.0
43	160.0	5.9	45.9#

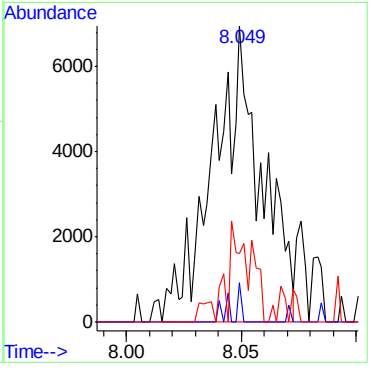


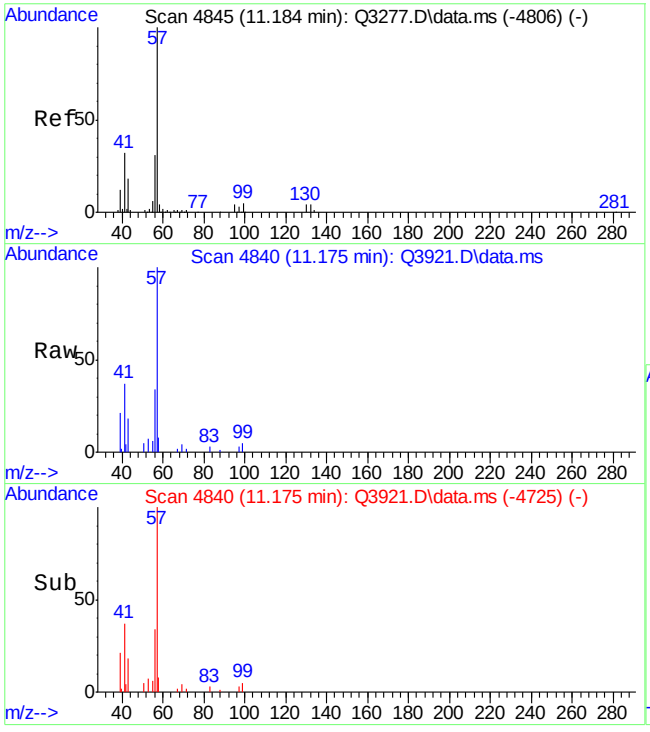


#28
METHYL ETHYL KETONE
Concen: 0.52 PPBV
RT: 8.049 min Scan# 3079
Delta R.T. 0.016 min
Lab File: Q3921.D
Acq: 5 Jul 2007 11:18 pm

Tgt Ion: 43 Resp: 10096

Ion	Ratio	Lower	Upper
43	100		
57	13.1	0.0	27.7
72	23.2	0.0	34.6

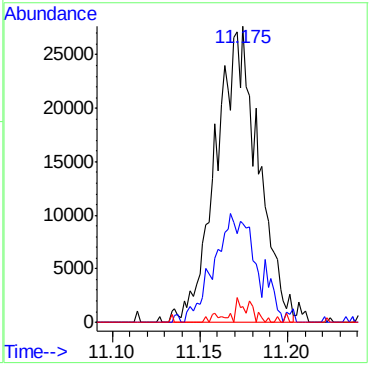


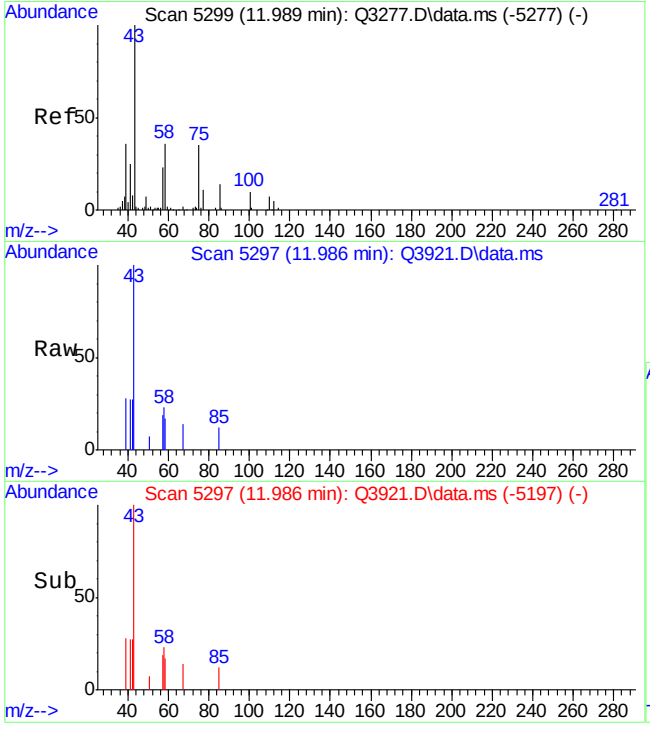


#41
2,2,4-TRIMETHYLPENTANE
Concen: 1.15 PPBV
RT: 11.175 min Scan# 4840
Delta R.T. -0.001 min
Lab File: Q3921.D
Acq: 5 Jul 2007 11:18 pm

Tgt Ion: 57 Resp: 46522

Ion	Ratio	Lower	Upper
57	100		
56	37.7	12.1	52.1
99	2.9	0.0	26.0

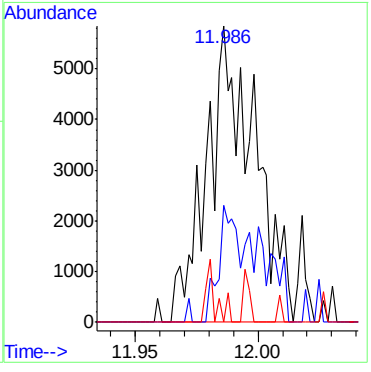


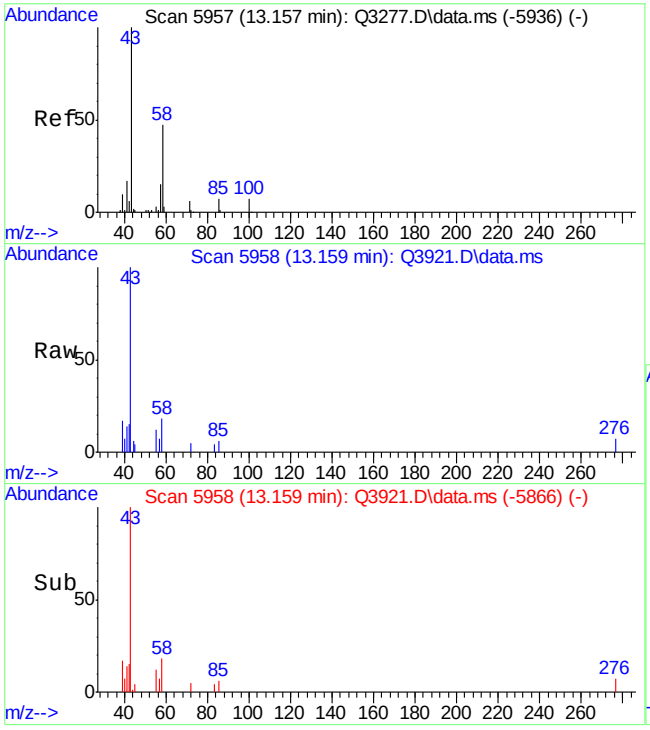


#44
METHYL ISOBUTYL KETONE
Concen: 0.40 PPBV
RT: 11.986 min Scan# 5297
Delta R.T. 0.002 min
Lab File: Q3921.D
Acq: 5 Jul 2007 11:18 pm

Tgt Ion: 43 Resp: 7959

Ion	Ratio	Lower	Upper
43	100		
58	15.6	19.3	59.3#
100	3.2	0.0	28.7

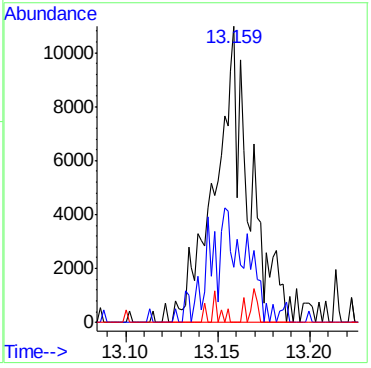




#50
2-HEXANONE
Concen: 0.77 PPBV
RT: 13.159 min Scan# 5958
Delta R.T. 0.008 min
Lab File: Q3921.D
Acq: 5 Jul 2007 11:18 pm

Tgt Ion: 43 Resp: 14417

Ion	Ratio	Lower	Upper
43	100		
58	28.1	32.0	72.0#
100	2.1	0.0	26.2



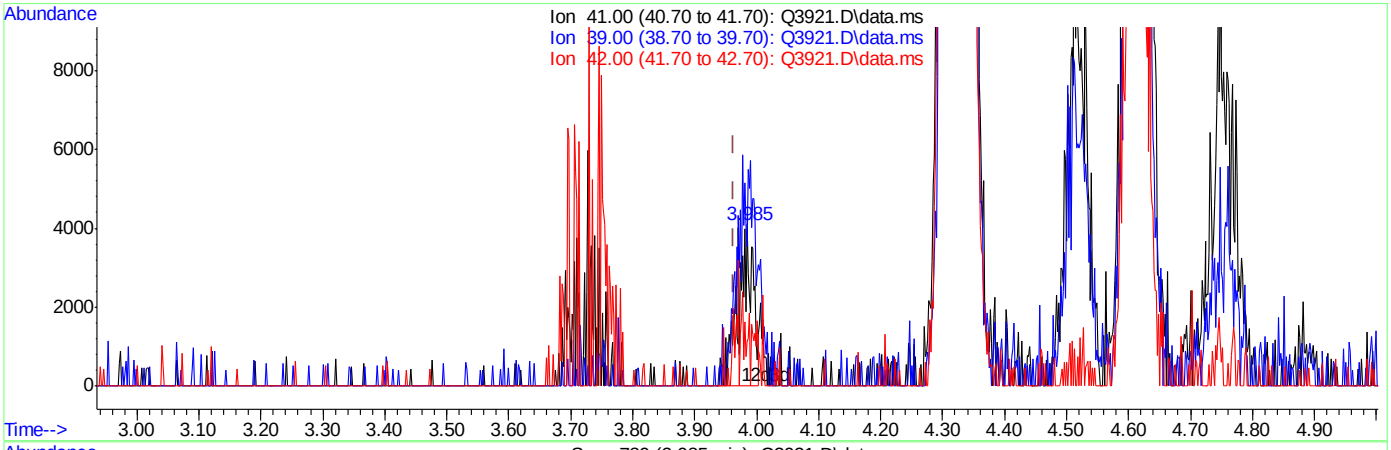
6.4.1

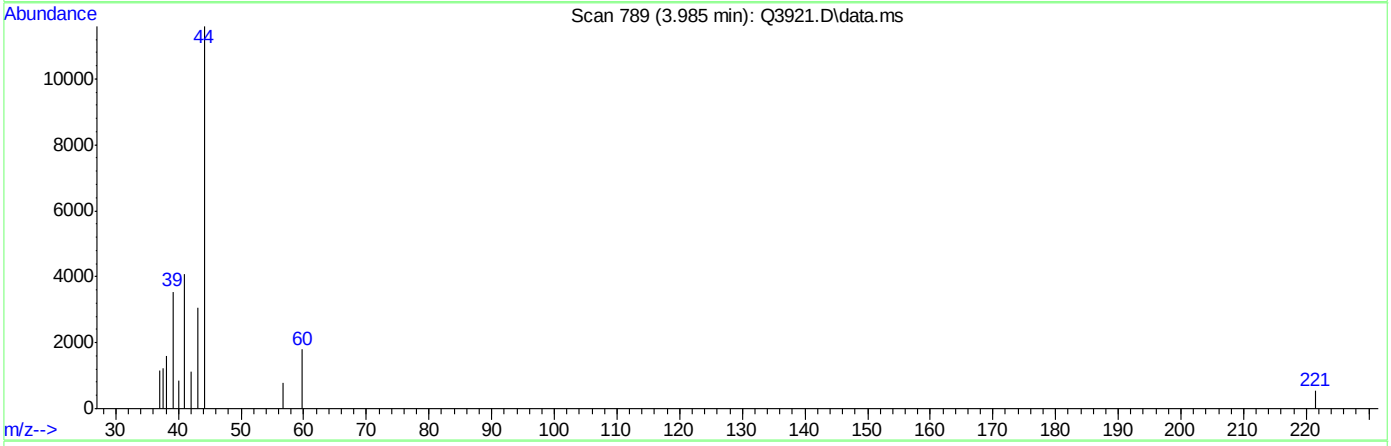
6

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3921.D
Acq On : 5 Jul 2007 11:18 pm
Operator : PhilipB
Sample : M66014-1DUP
Misc : MS13893, MSQ210,,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 06 08:01:51 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3921.D\data.ms

(3) PROPYLENE (m)

3.985min (+0.022) 0.61PPBV

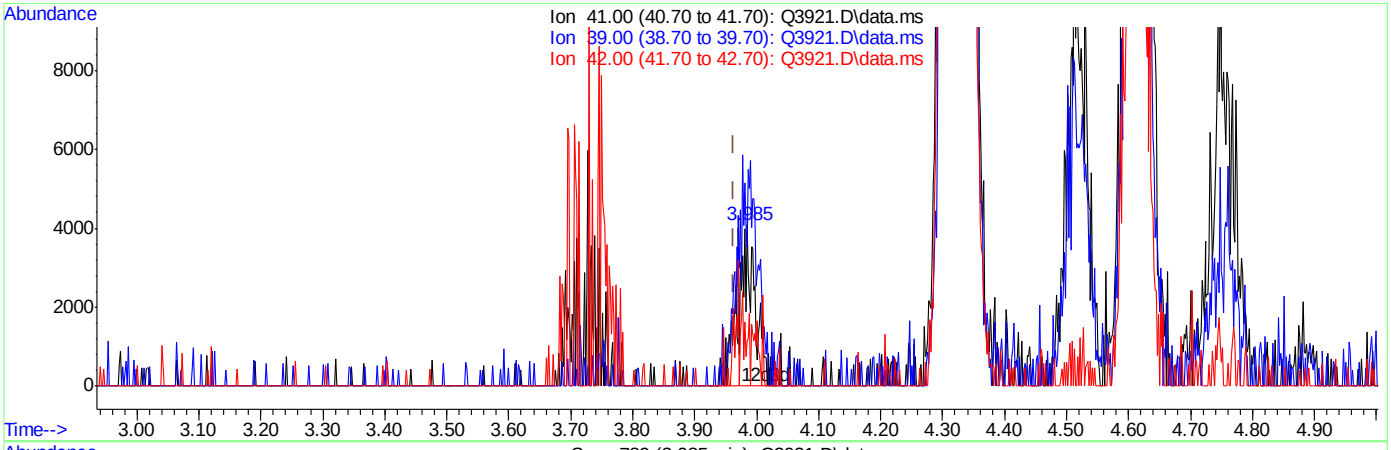
response 6941

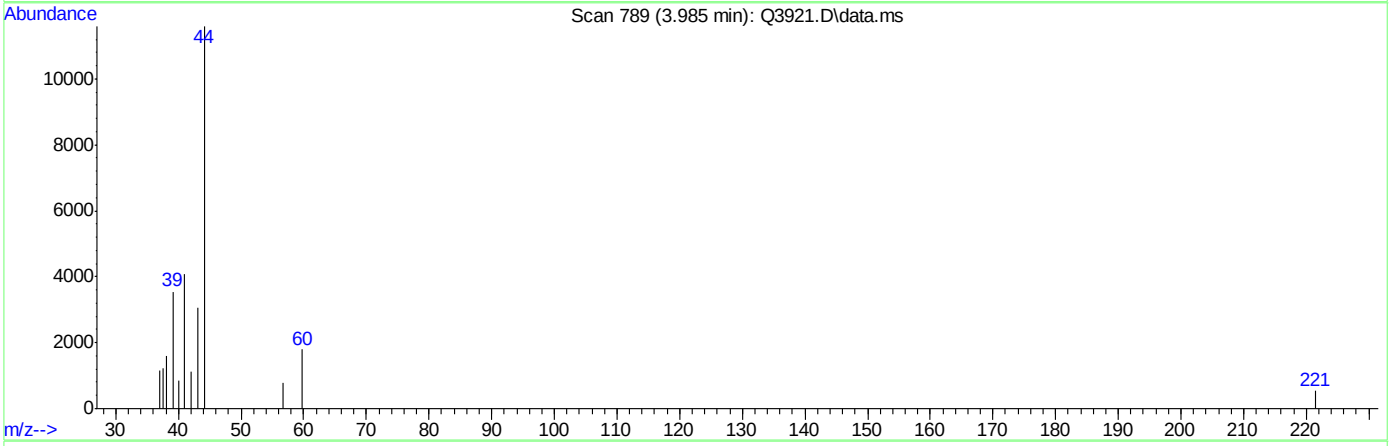
Ion	Exp%	Act%
41.00	100	100
39.00	72.50	86.59
42.00	67.80	27.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3921.D
Acq On : 5 Jul 2007 11:18 pm
Operator : PhilipB
Sample : M66014-1DUP
Misc : MS13893, MSQ210,,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 06 08:01:51 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3921.D\data.ms

(3) PROPYLENE (m)

3.985min (+0.022) 0.73PPBV m

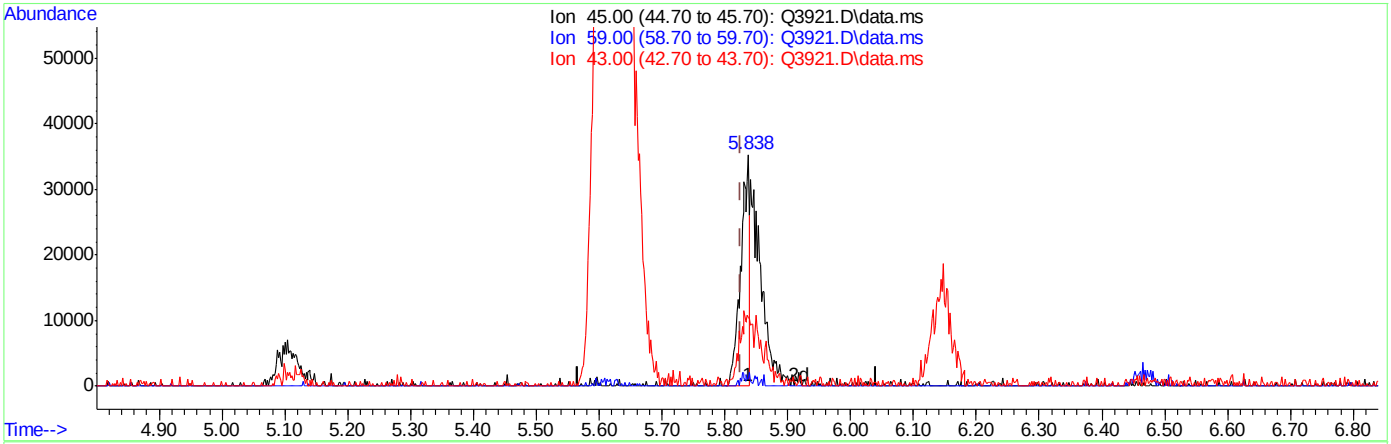
response 8293

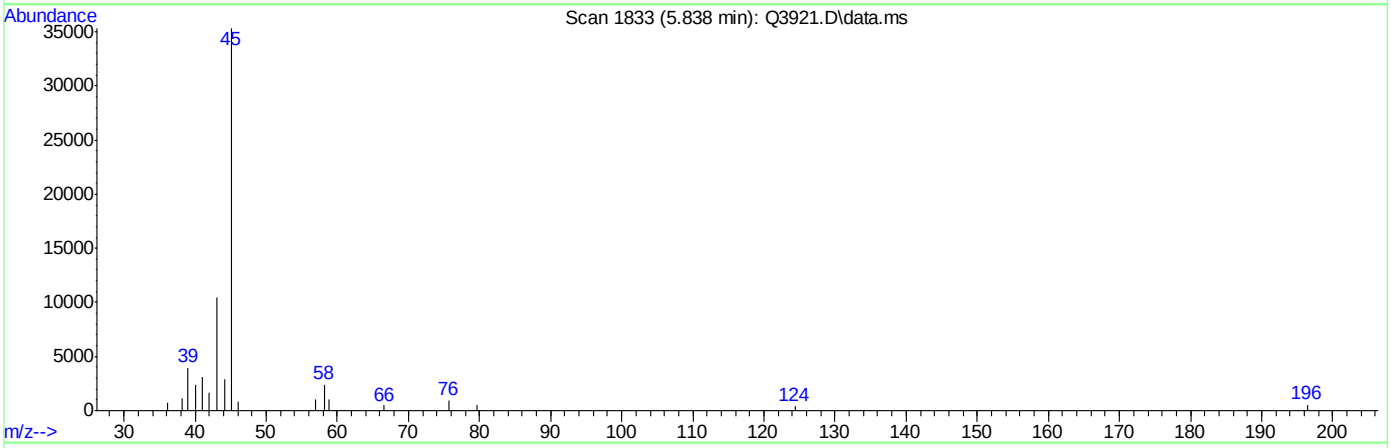
Ion	Exp%	Act%
41.00	100	100
39.00	72.50	86.59
42.00	67.80	27.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3921.D
Acq On    :  5 Jul 2007  11:18 pm
Operator  : PhilipB
Sample    : M66014-1DUP
Misc      : MS13893, MSQ210,,,,,1
ALS Vial  : 11   Sample Multiplier: 1

Quant Time: Jul 06 08:01:51 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration
```



TIC: Q3921.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.838min (+0.013) 1.14PPBV

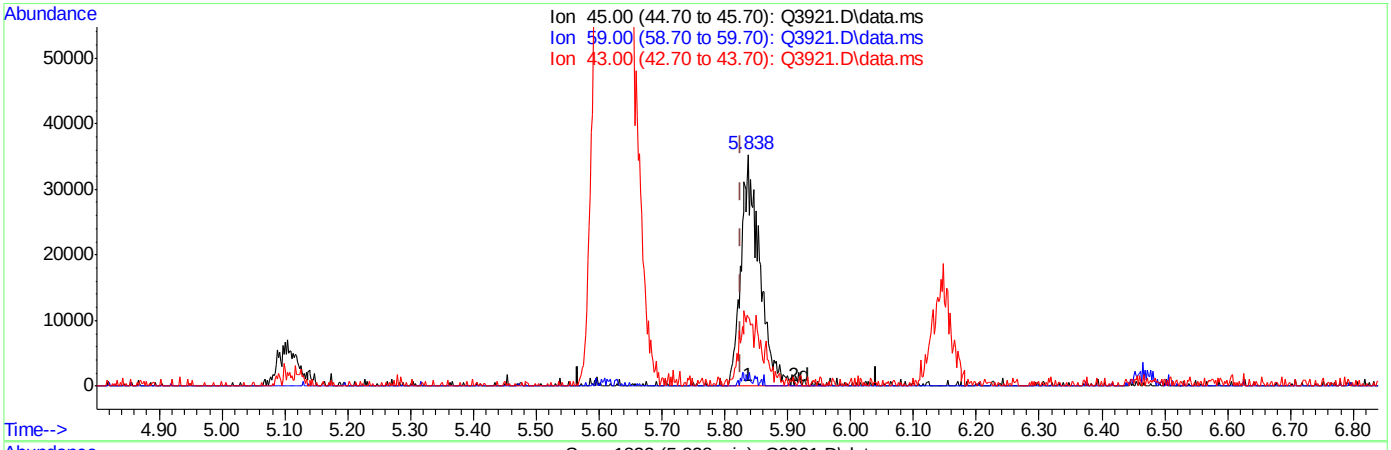
response 35367

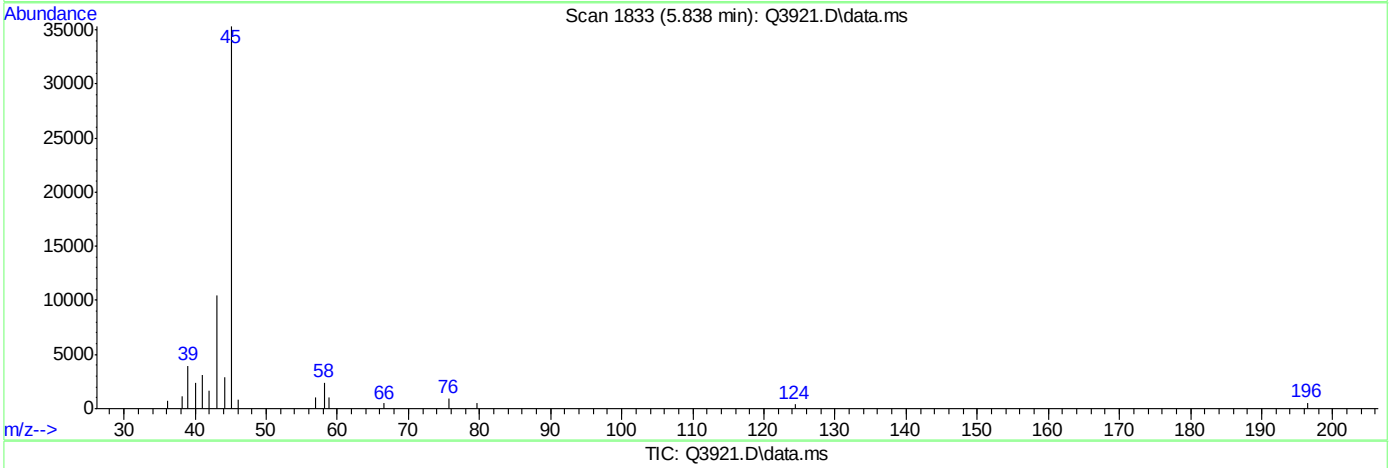
Ion	Exp%	Act%
45.00	100	100
59.00	3.70	2.87
43.00	19.70	29.66
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3921.D
Acq On : 5 Jul 2007 11:18 pm
Operator : PhilipB
Sample : M66014-1DUP
Misc : MS13893, MSQ210,,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 06 08:01:51 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3921.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.838min (+0.013) 2.45PPBV m

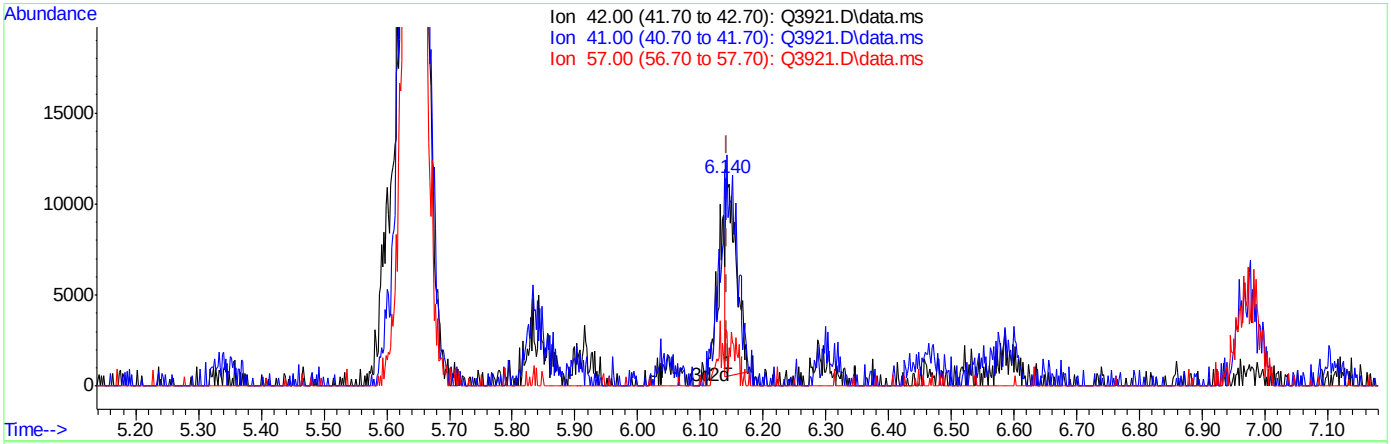
response 76115

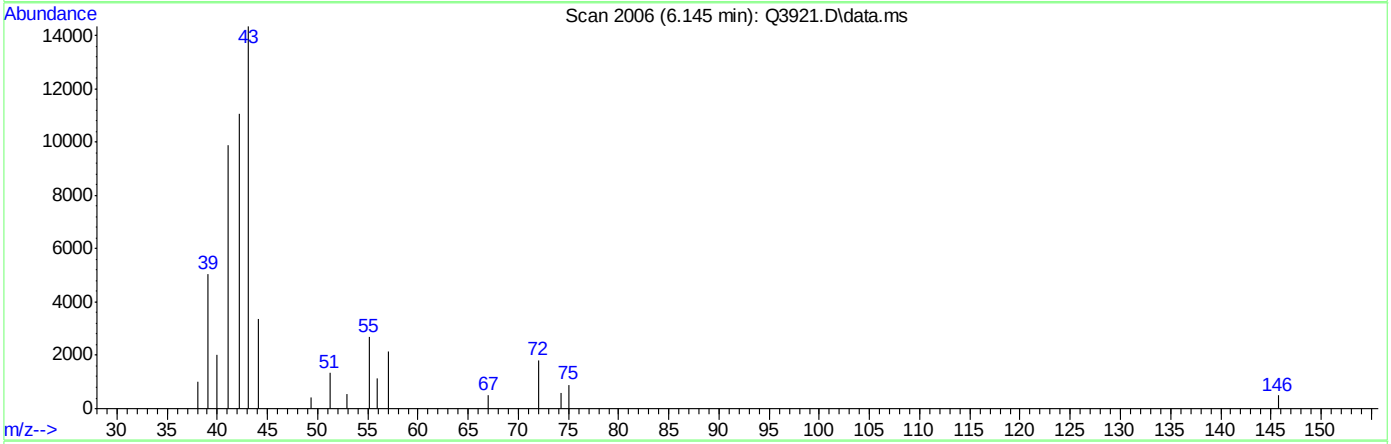
Ion	Exp%	Act%
45.00	100	100
59.00	3.70	2.87
43.00	19.70	29.66
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3921.D
Acq On : 5 Jul 2007 11:18 pm
Operator : PhilipB
Sample : M66014-1DUP
Misc : MS13893, MSQ210,,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 06 08:01:51 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3921.D\data.ms

(13) PENTANE (m)

6.145min (+0.002) 0.54PPBV

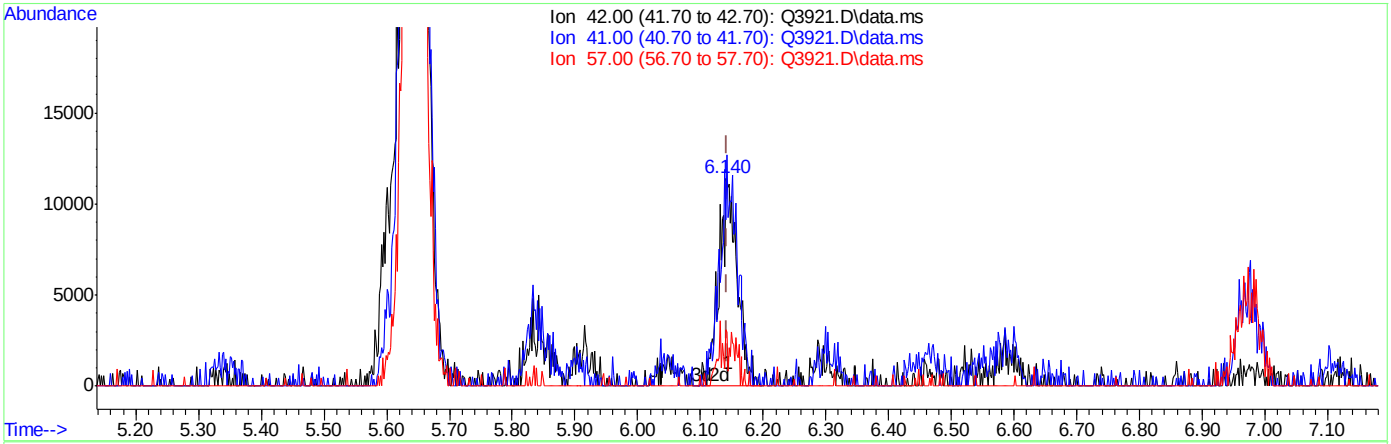
response 12863

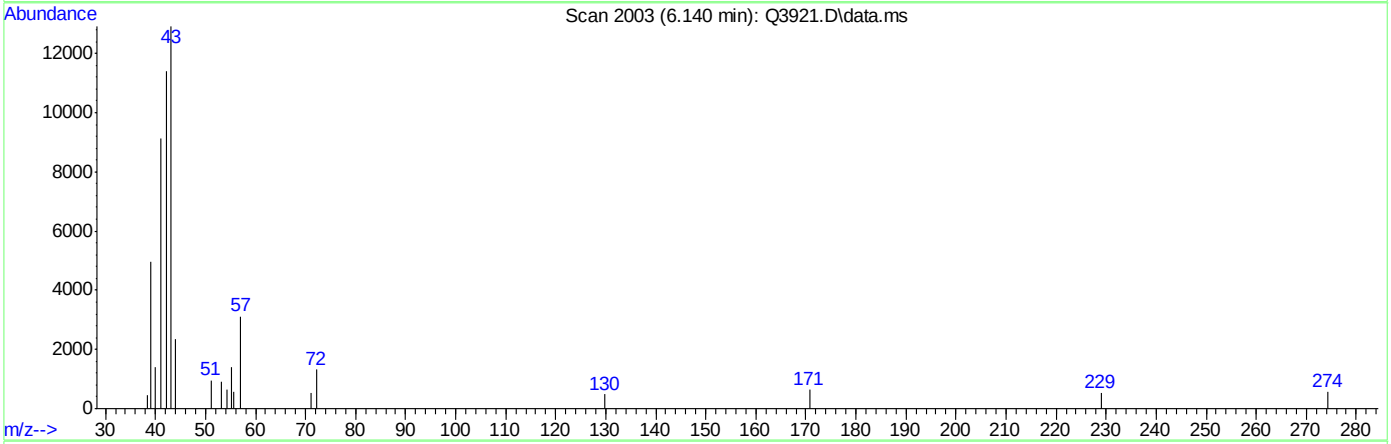
Ion	Exp%	Act%
42.00	100	100
41.00	94.80	188.28#
57.00	28.90	19.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3921.D
Acq On : 5 Jul 2007 11:18 pm
Operator : PhilipB
Sample : M66014-1DUP
Misc : MS13893, MSQ210,,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 06 08:01:51 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3921.D\data.ms

(13) PENTANE (m)

6.140min (-0.003) 0.98PPBV m

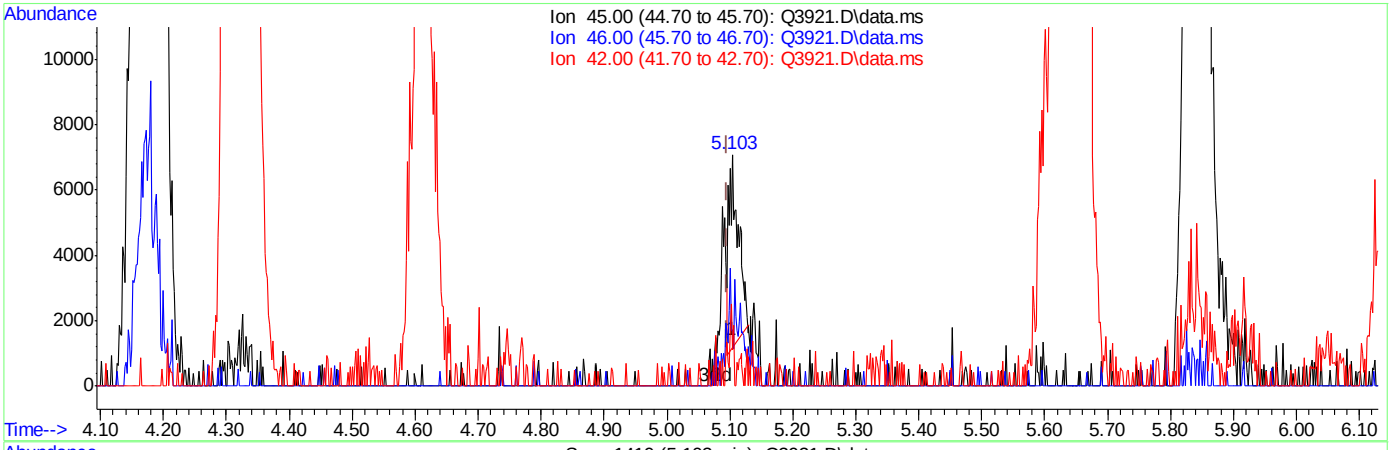
response 23527

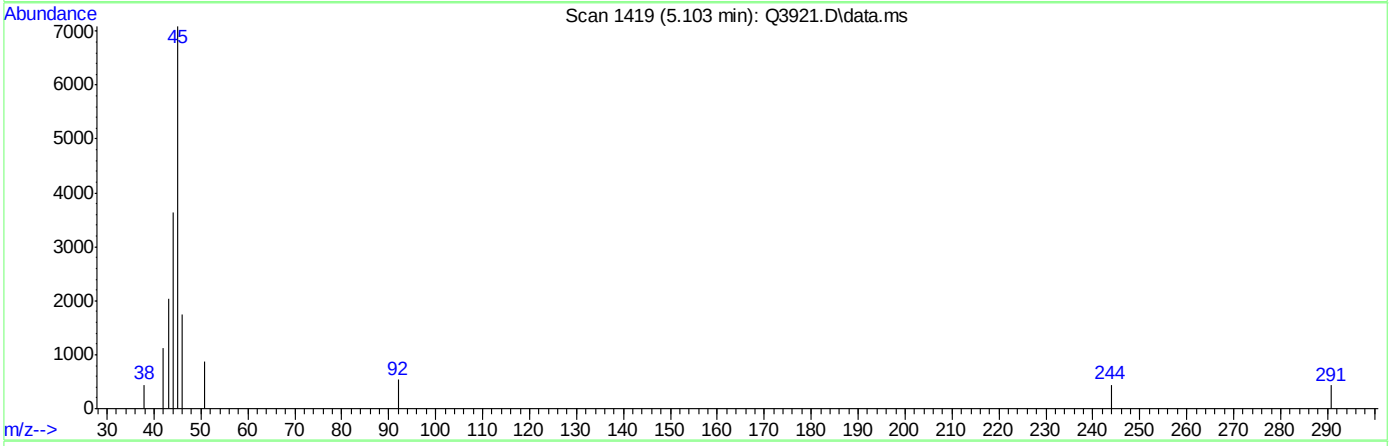
Ion	Exp%	Act%
42.00	100	100
41.00	94.80	102.94
57.00	28.90	10.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3921.D
Acq On : 5 Jul 2007 11:18 pm
Operator : PhilipB
Sample : M66014-1DUP
Misc : MS13893, MSQ210,,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 06 08:01:51 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3921.D\data.ms

(16) ETHANOL (m)

5.103min (+0.007) 1.21PPBV

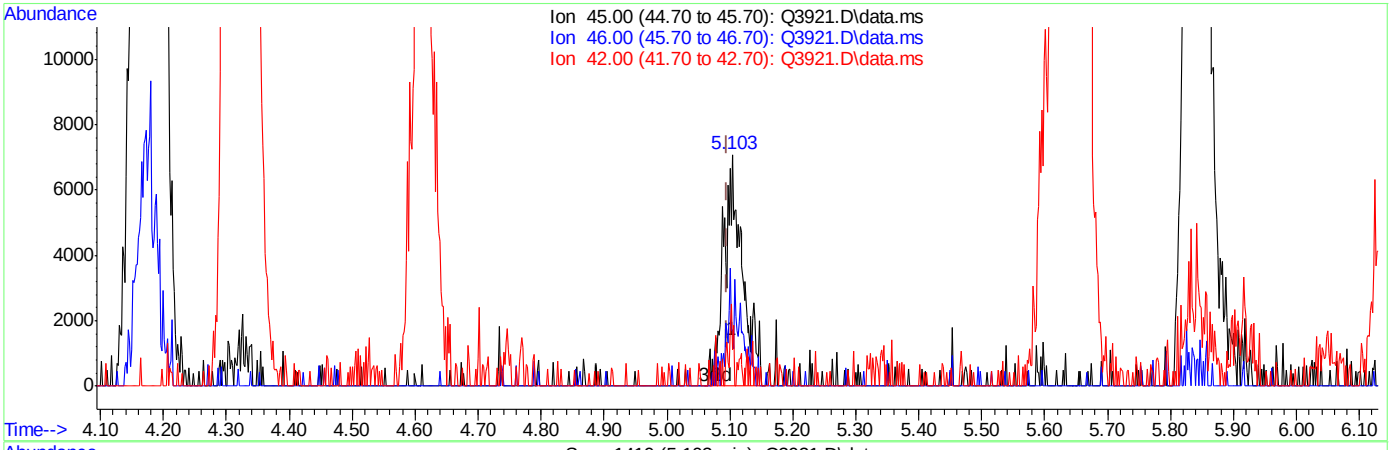
response 6248

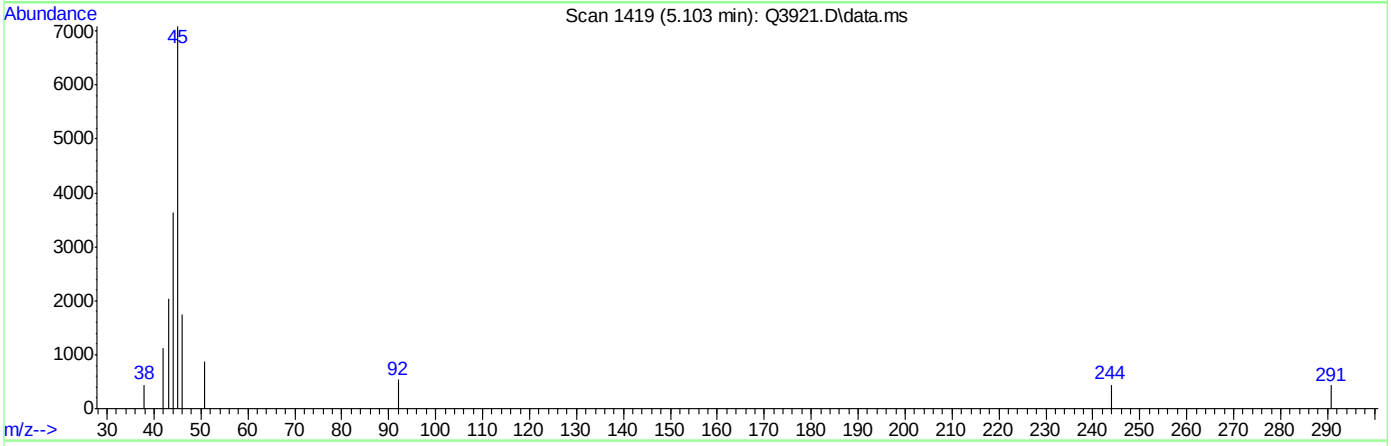
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	31.95
42.00	8.40	20.84
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3921.D
Acq On : 5 Jul 2007 11:18 pm
Operator : PhilipB
Sample : M66014-1DUP
Misc : MS13893, MSQ210,,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 06 08:01:51 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3921.D\data.ms

(16) ETHANOL (m)

5.103min (+0.007) 2.89PPBV m

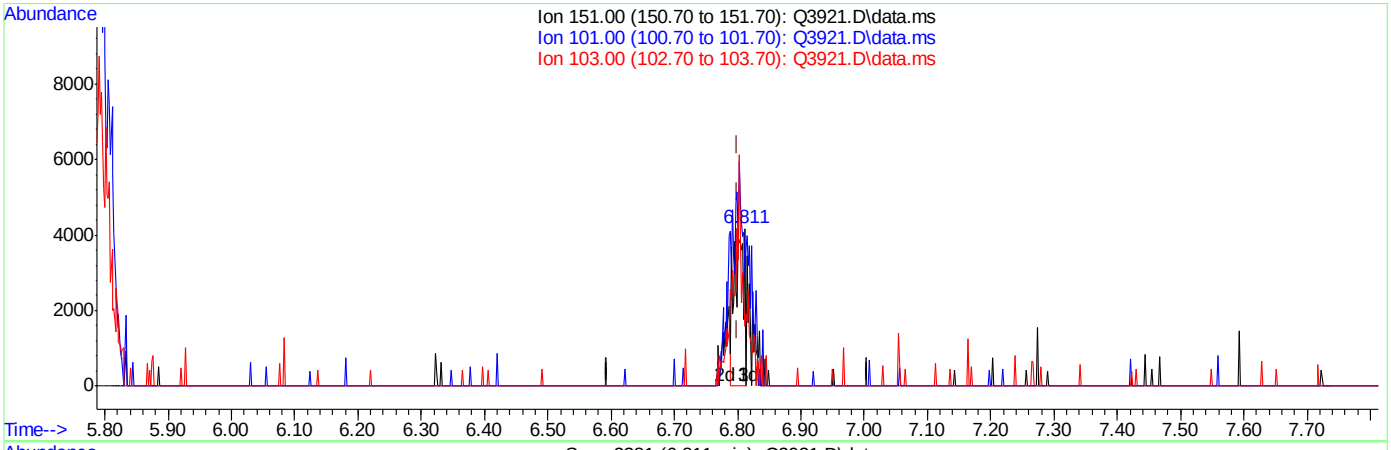
response 14863

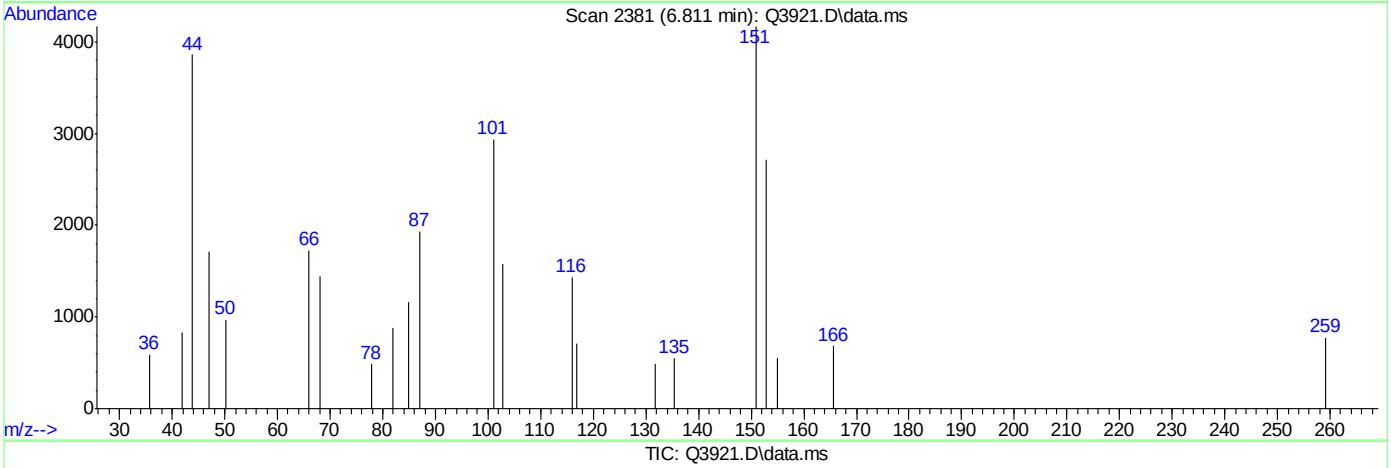
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	13.43#
42.00	8.40	8.76
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3921.D
Acq On : 5 Jul 2007 11:18 pm
Operator : PhilipB
Sample : M66014-1DUP
Misc : MS13893, MSQ210,,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 06 08:01:51 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3921.D\data.ms

(20) FREON 113 (m)

6.811min (+0.011) 0.09PPBV

response 4385

Ion	Exp%	Act%
151.00	100	100
101.00	130.10	253.07#
103.00	83.00	159.06#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3642.D
Acq On : 6 Jun 2007 10:29 pm
Operator : PhilipB
Sample : Cert-02 (M149)
Misc : MS13699, MSQ198,,,,,1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 07 09:36:16 2007
Quant Method : C:\msdchem\1\METHODS\Q060507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 14:52:22 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.433	128	39493	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.348	114	168337	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.694	117	136474	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.332	95	56855	3.96	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 79.20%

Target Compounds	Qvalue

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

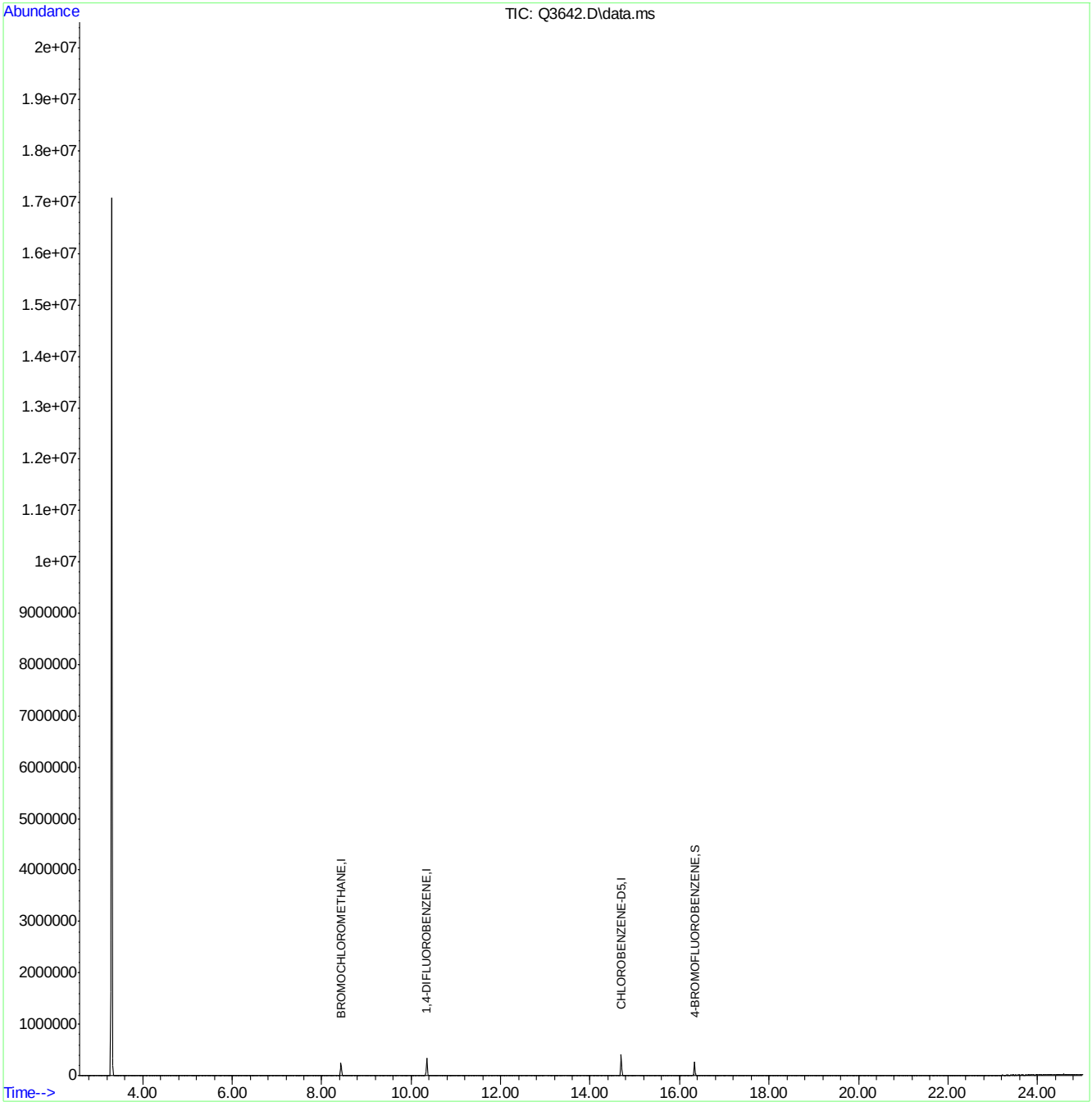
6.5.1

6

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3642.D
Acq On : 6 Jun 2007 10:29 pm
Operator : PhilipB
Sample : Cert-02 (M149)
Misc : MS13699, MSQ198,,,,,1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 07 09:36:16 2007
Quant Method : C:\msdchem\1\METHODS\Q060507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 14:52:22 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3813.D
Acq On : 26 Jun 2007 2:18 pm
Operator : PhilipB
Sample : M65825-20 (M130)
Misc : MS13820, MSQ204,,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 26 14:41:56 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.628	128	115256	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.460	114	524779	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.707	117	434967	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.327	95	155566	4.19	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 83.80%

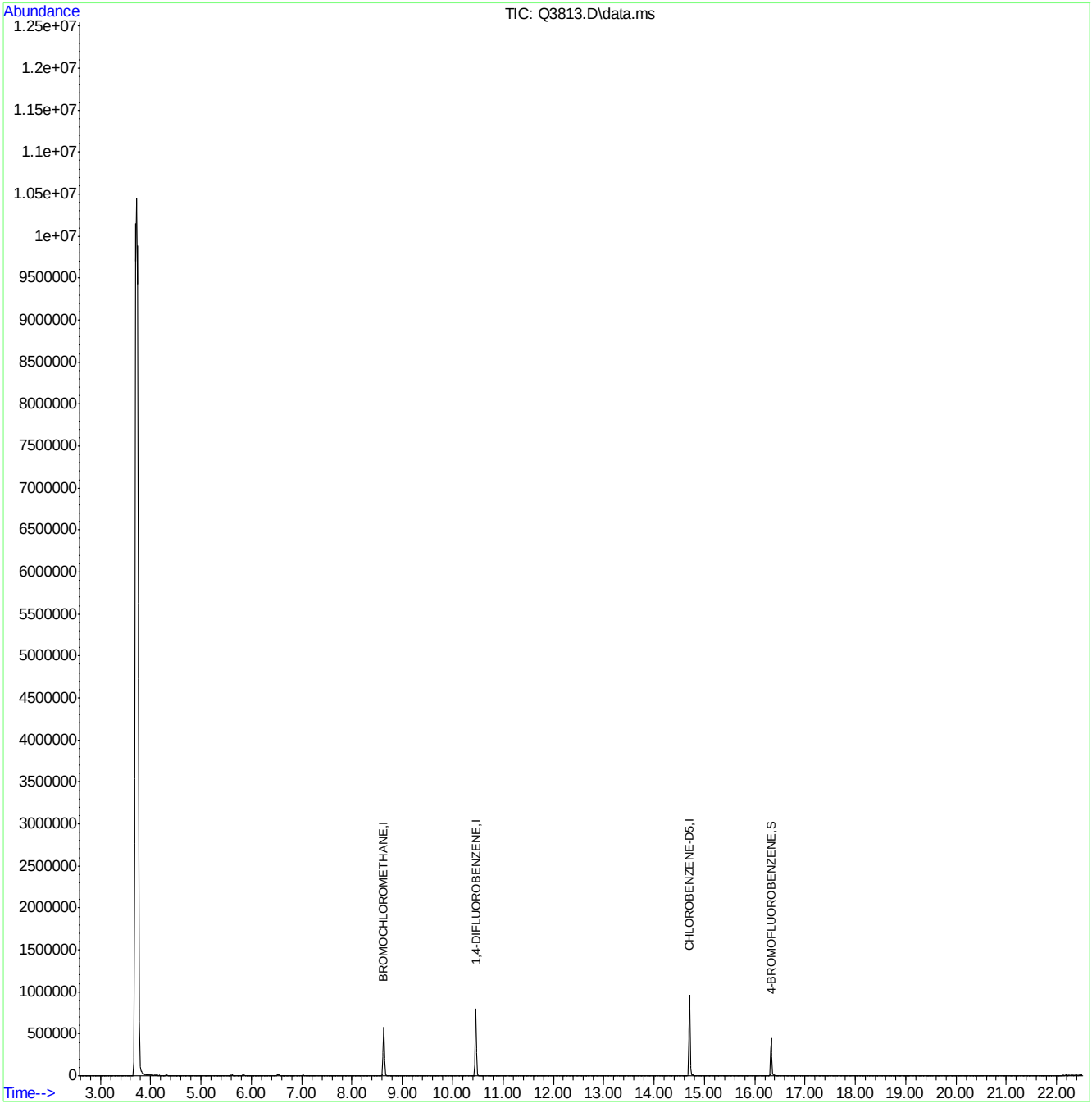
Target Compounds	Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3813.D
Acq On : 26 Jun 2007 2:18 pm
Operator : PhilipB
Sample : M65825-20 (M130)
Misc : MS13820, MSQ204,,,,,1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 26 14:41:56 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

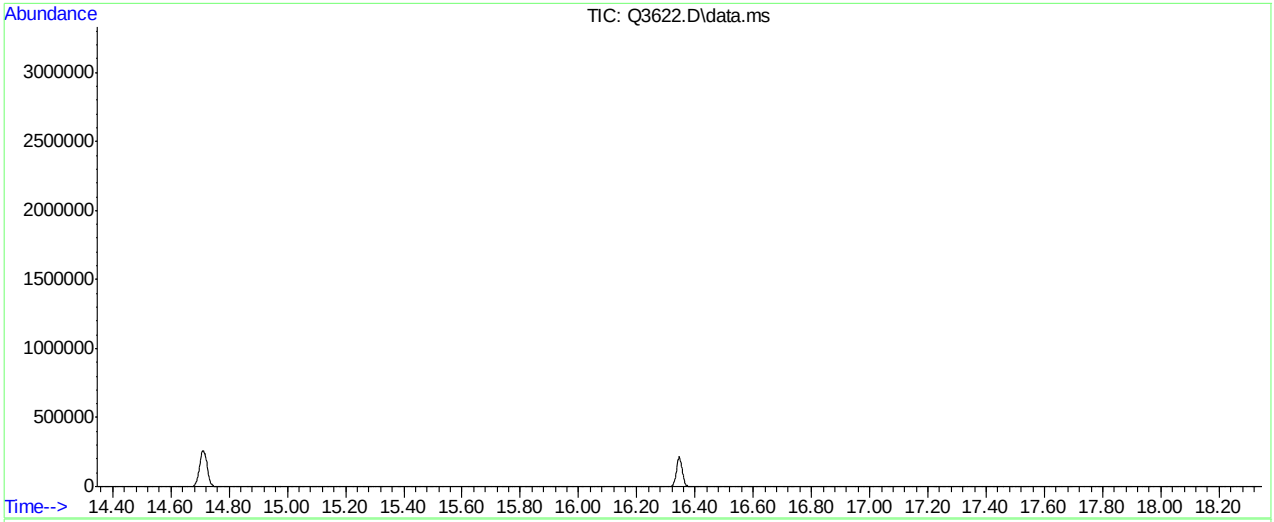


BFB

Data File : C:\msdchem\1\DATA\Q3622.D
Acq On : 5 Jun 2007 3:03 pm
Sample : IC197-4 (M142)
Misc : MS13684, MSQ197,,,,,1
MS Integration Params: LSCINT.P

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

Method : C:\msdchem\1\METHODS\Q060507T.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 16.355 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	33.1	9432	PASS
75	95	30	66	64.1	18250	PASS
95	95	100	100	100.0	28492	PASS
96	95	5	9	7.0	2005	PASS
173	174	0.00	2	1.0	243	PASS
174	95	50	120	85.1	24260	PASS
175	174	4	9	6.5	1576	PASS
176	174	93	101	99.3	24100	PASS
177	176	5	9	6.8	1634	PASS

Q3622.D Q060507T.m Wed Jun 06 09:21:58 2007 RPT1

Average of 16.339 to 16.355 min.: Q3622.D\data.ms
IC197-4 (M142)
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	500	47.30	42	56.80	86	65.05	203
36.30	81	47.95	137	57.10	1451	66.90	42
37.10	2846	48.20	80	58.00	51	68.10	4682
38.05	2676	49.05	1981	60.00	406	69.05	5284
38.90	153	50.05	9432	60.30	57	70.05	490
39.05	1077	51.10	2757	60.90	200	71.90	101
44.05	286	53.00	41	61.05	2328	73.00	1877
44.30	97	55.20	55	62.05	2443	73.30	172
44.90	191	55.75	96	63.05	1790	74.05	7521
45.15	354	56.05	686	63.90	64	75.00	18250
46.90	65	56.40	44	64.80	44	76.05	1823

Average of 16.339 to 16.355 min.: Q3622.D\data.ms
IC197-4 (M142)
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
78.95	3221	93.05	1920	117.90	152	154.60	53
80.00	798	93.30	118	118.75	98	154.80	54
80.95	3331	94.05	4855	119.00	174	159.10	42
81.90	664	95.10	28492	123.70	87	171.90	349
86.85	256	96.05	2005	127.90	50	172.95	243
87.10	486	104.00	152	129.70	54	174.00	24260
87.90	467	105.80	43	137.00	57	174.95	1576
88.20	82	106.05	162	140.95	916	175.25	411
91.10	80	115.80	41	142.30	40	176.05	24100
92.00	1811	115.95	152	142.90	935	177.00	1634
92.90	169	116.85	492	145.00	49	183.30	43

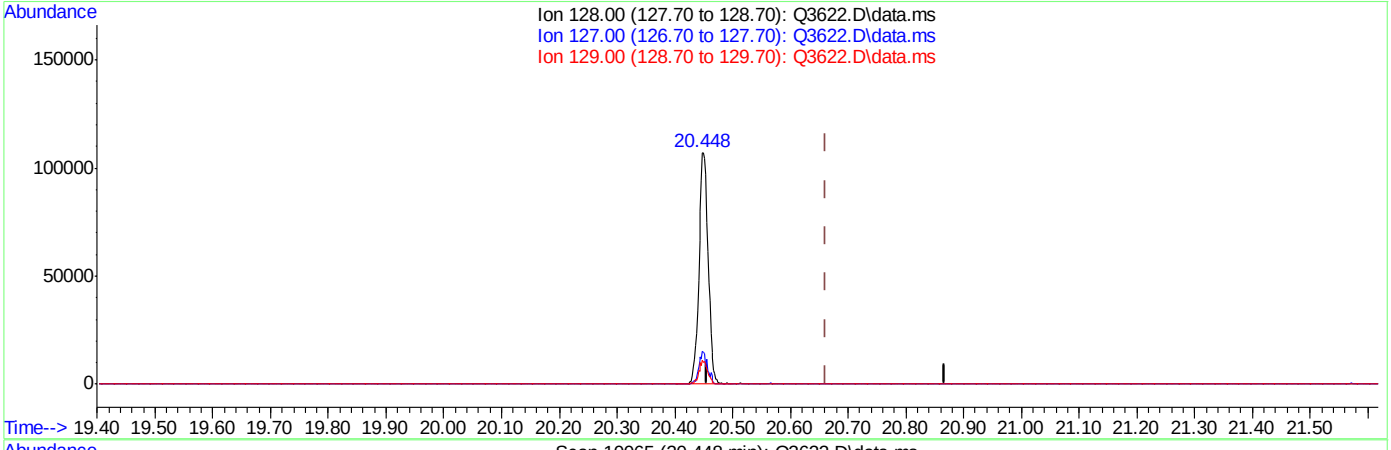
Average of 16.339 to 16.355 min.: Q3622.D\data.ms
IC197-4 (M142)
Modified:subtracted

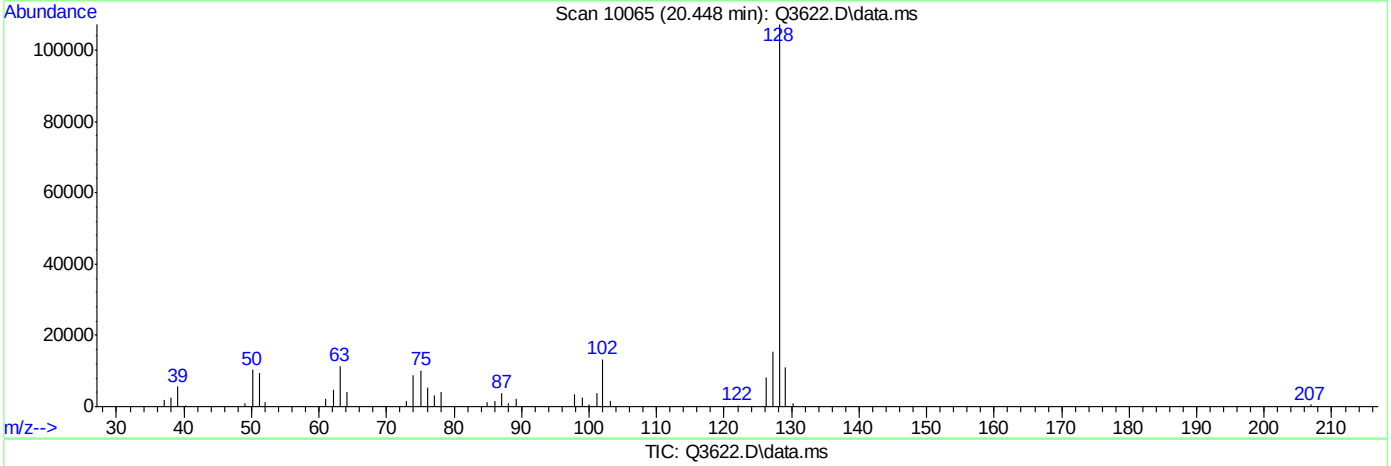
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
258.40	44						

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3622.D
Acq On : 5 Jun 2007 3:03 pm
Operator : PhilipB
Sample : IC197-4 (M142)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 05 15:42:47 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 05 15:42:16 2007
Response via : Initial Calibration





(74) NAPHTHALENE (m)

20.448min (-0.214) 0.00PPBV m

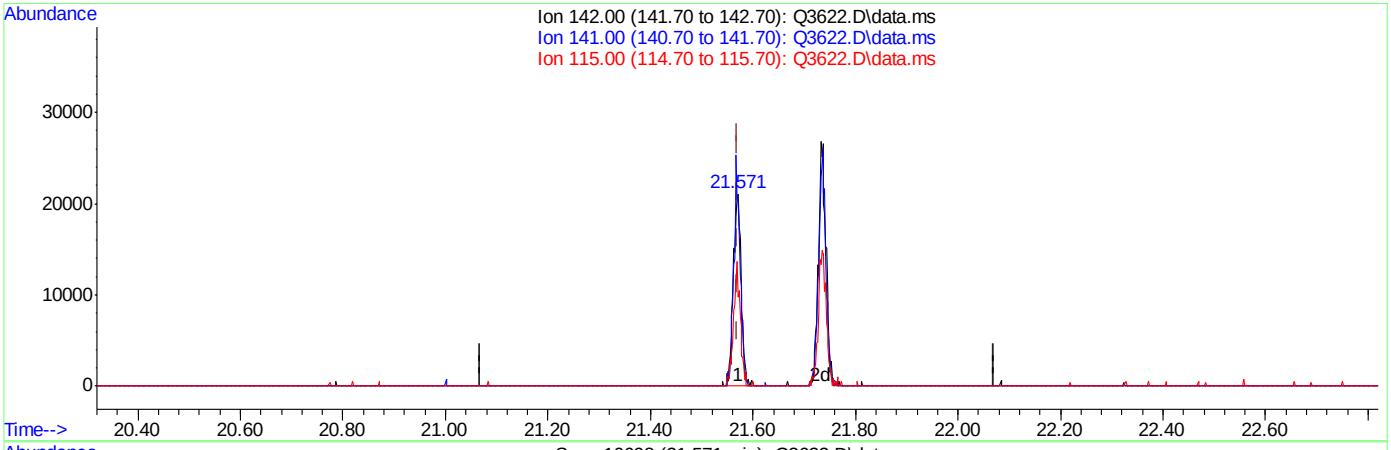
response 116628

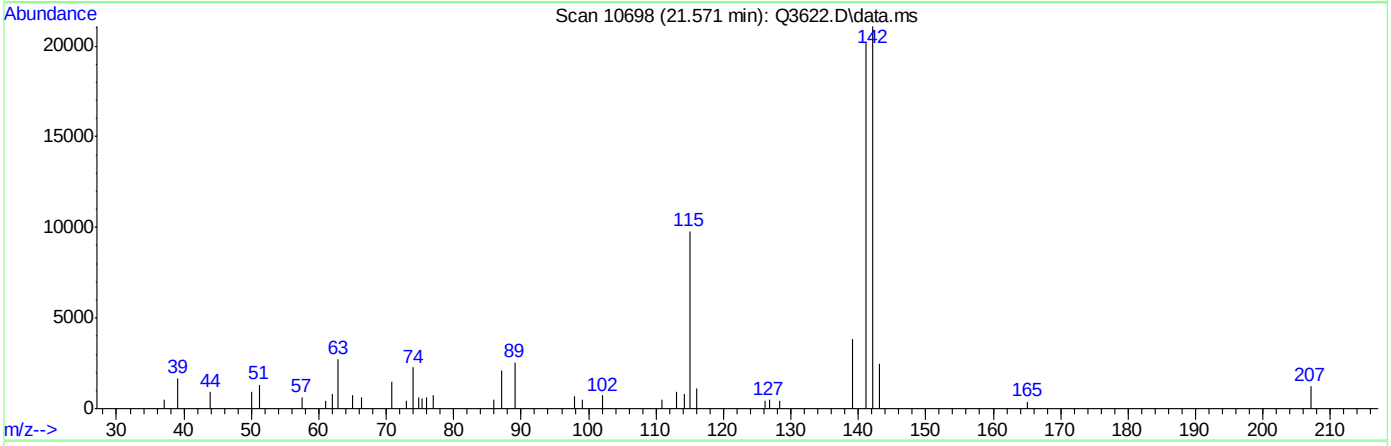
Ion	Exp%	Act%
128.00	100	100
127.00	13.60	0.00
129.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3622.D
Acq On : 5 Jun 2007 3:03 pm
Operator : PhilipB
Sample : IC197-4 (M142)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 05 15:42:47 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 05 15:42:16 2007
Response via : Initial Calibration





TIC: Q3622.D\data.ms

(75) 2-METHYLNAPHTHALENE

21.571min (+0.001) 0.00PPBV

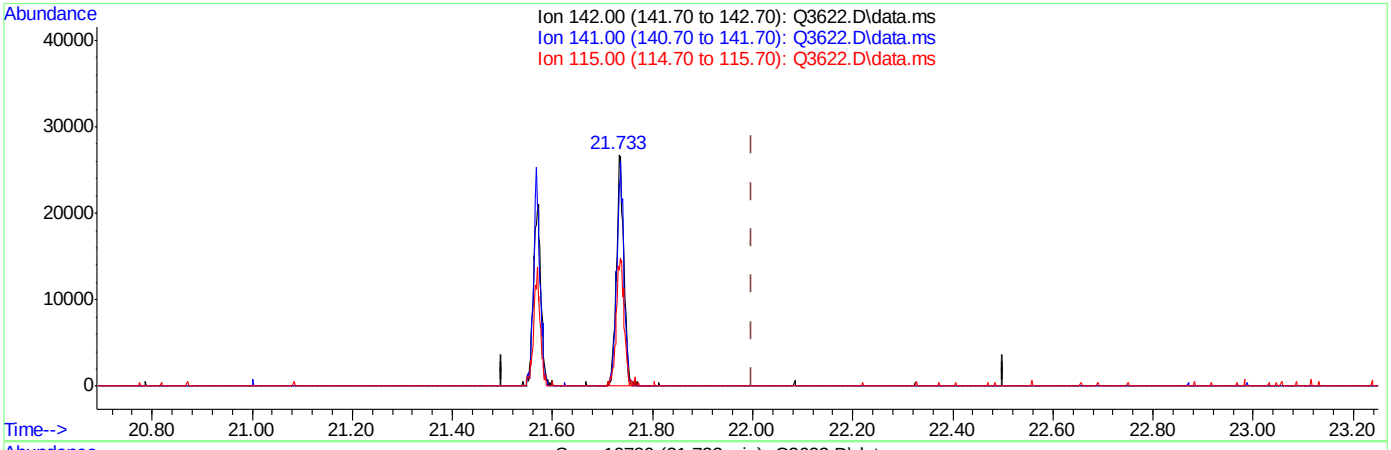
response 22217

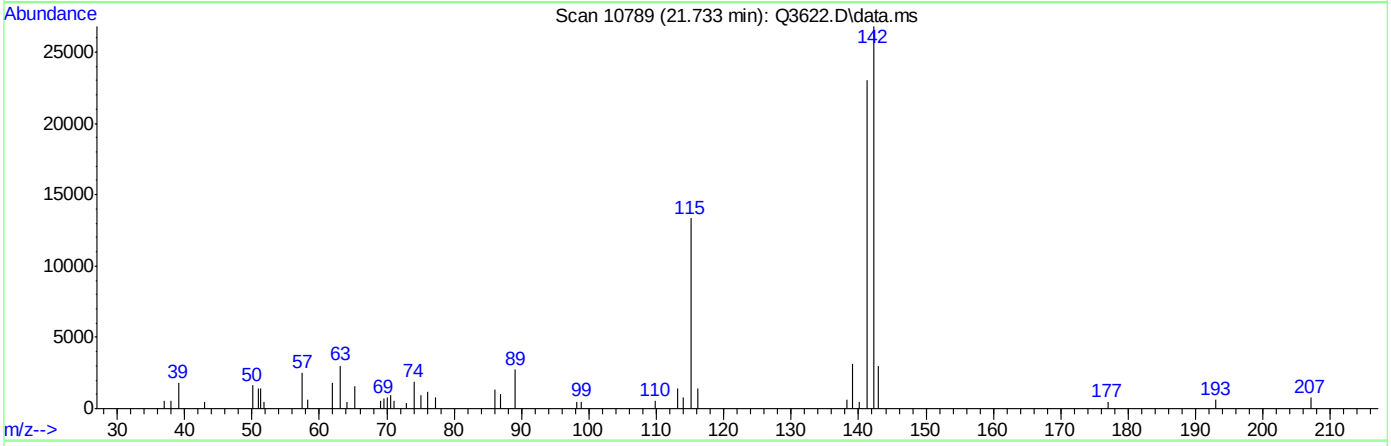
Ion	Exp%	Act%
142.00	100	100
141.00	0.00	97.00#
115.00	0.00	55.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3622.D
Acq On : 5 Jun 2007 3:03 pm
Operator : PhilipB
Sample : IC197-4 (M142)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 05 15:42:47 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 05 15:42:16 2007
Response via : Initial Calibration





TIC: Q3622.D\data.ms

(76) 1-METHYLNAPHTHALENE

21.733min (-0.267) 0.00PPBV m

response 27693

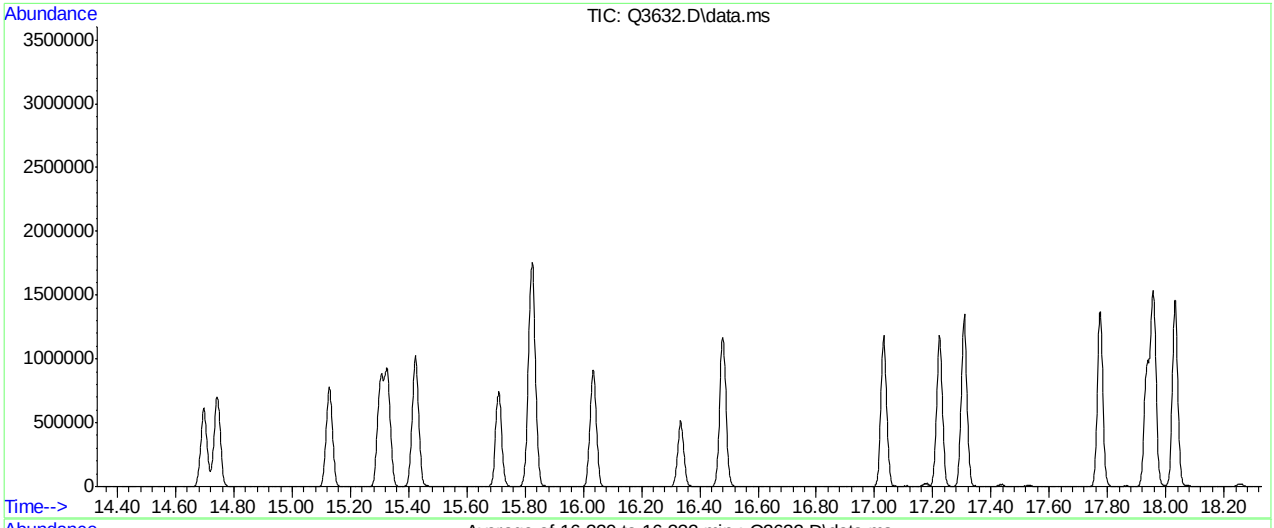
Ion	Exp%	Act%
142.00	100	100
141.00	0.00	0.00
115.00	0.00	0.00
0.00	0.00	0.00

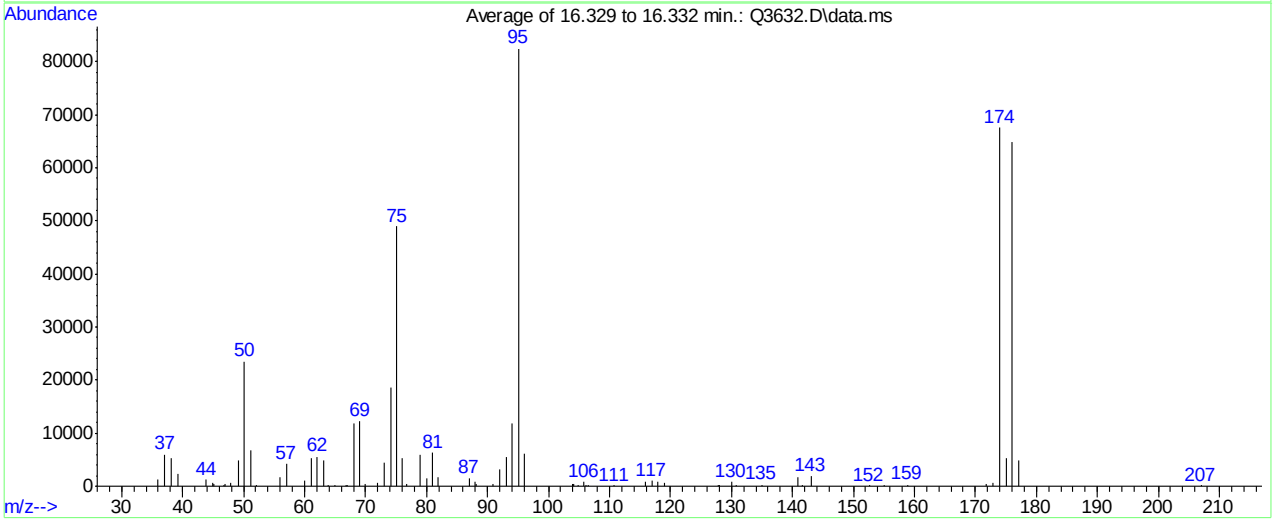
BFB

Data File : C:\msdchem\1\DATA\Q3632.D
Acq On : 6 Jun 2007 3:26 pm
Sample : CC197-10 (M179)
Misc : MS13699, MSQ198,,,,,1
MS Integration Params: LSCINT.P

Vial: 4
Operator: PhilipB
Inst : MAMSQ
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\Q060507T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.329 to 16.332 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	28.4	23450	PASS
75	95	30	66	59.3	48933	PASS
95	95	100	100	100.0	82477	PASS
96	95	5	9	7.4	6092	PASS
173	174	0.00	2	0.9	635	PASS
174	95	50	120	81.9	67576	PASS
175	174	4	9	7.9	5327	PASS
176	174	93	101	96.1	64944	PASS
177	176	5	9	7.6	4930	PASS

Q3632.D Q060507T.m Wed Jun 06 16:18:28 2007 RPT1

Average of 16.329 to 16.332 min.: Q3632.D\data.ms
CC197-10 (M179)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	1317	50.10	23450	66.80	167	79.00	5926
37.10	6027	51.10	6682	67.00	167	80.05	1436
38.10	5330	52.10	202	68.05	11930	81.05	6301
39.15	2408	56.05	1692	69.05	12342	81.95	1744
43.90	1179	57.05	4190	69.95	480	86.95	1549
45.00	731	60.05	1001	71.90	624	87.90	928
45.20	531	61.05	5246	73.05	4496	88.10	503
46.80	231	62.05	5536	74.10	18589	90.95	528
47.00	400	63.10	4768	75.10	48933	92.05	3282
47.95	626	63.80	307	76.05	5333	93.10	5503
49.10	4827	65.00	193	76.80	373	94.10	11756

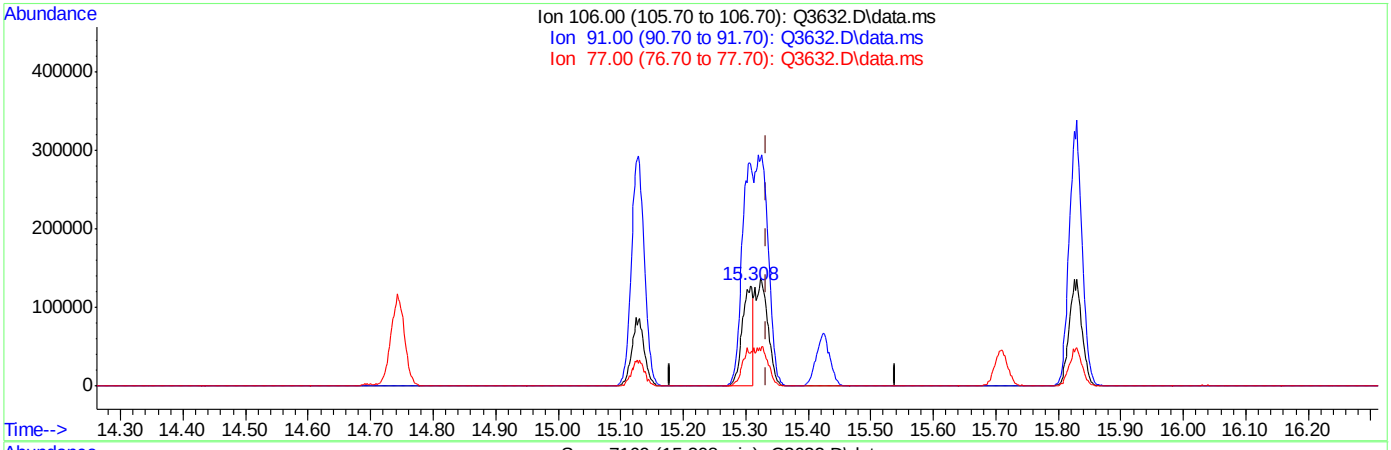
Average of 16.329 to 16.332 min.: Q3632.D\data.ms
CC197-10 (M179)

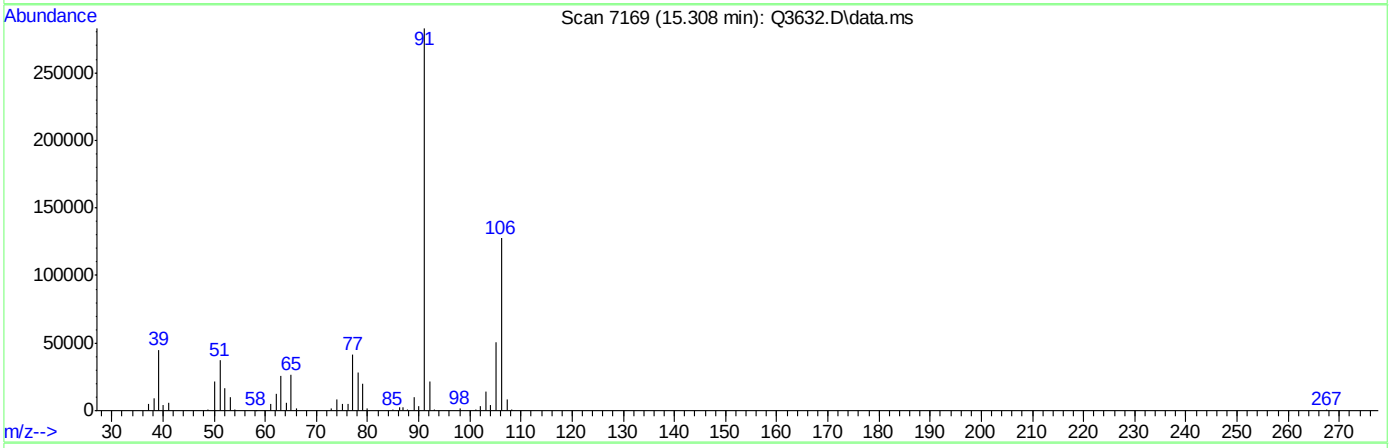
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
95.10	82477	118.00	799	155.00	156		
96.05	6092	119.00	626	158.90	219		
103.90	523	127.80	150	171.85	399		
104.10	389	128.10	231	172.90	635		
104.90	237	130.00	774	174.00	67576		
105.85	845	130.80	286	175.05	5327		
106.10	140	134.95	290	176.00	64944		
106.60	140	140.95	1758	177.05	4930		
110.80	143	141.70	146	207.00	145		
115.90	849	143.05	1923				
116.95	1048	152.60	150				

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3632.D
Acq On : 6 Jun 2007 3:26 pm
Operator : PhilipB
Sample : CC197-10 (M179)
Misc : MS13699, MSQ198,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 06 16:16:39 2007
Quant Method : C:\msdchem\1\METHODS\Q060507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 14:52:22 2007
Response via : Initial Calibration





TIC: Q3632.D\data.ms

(56) m,p-XYLENE (m)

15.308min (-0.026) 10.68PPBV

response 151935

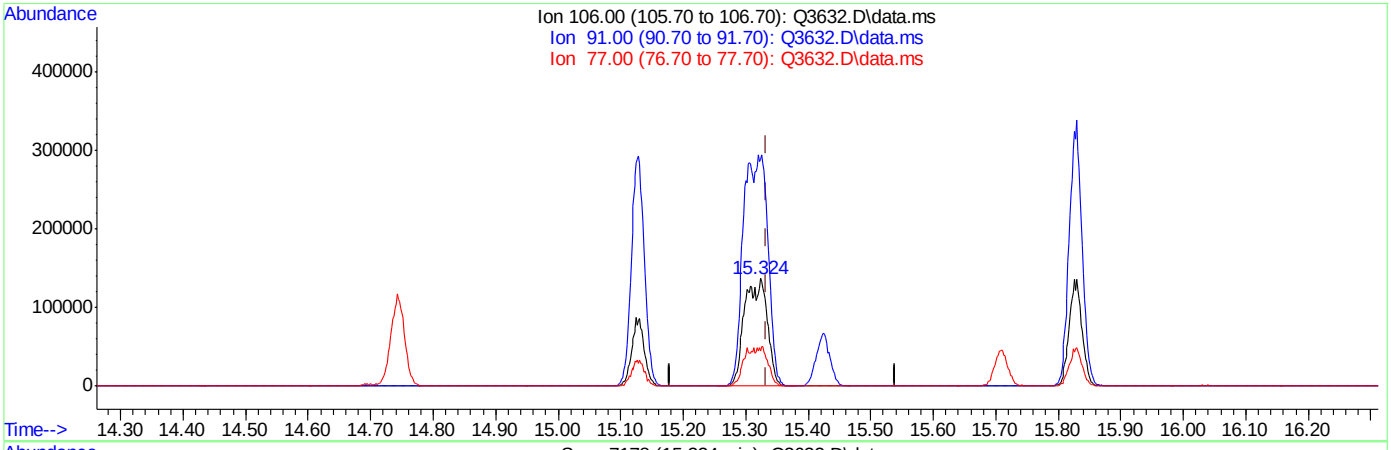
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	221.64
77.00	30.60	32.46
0.00	0.00	0.00

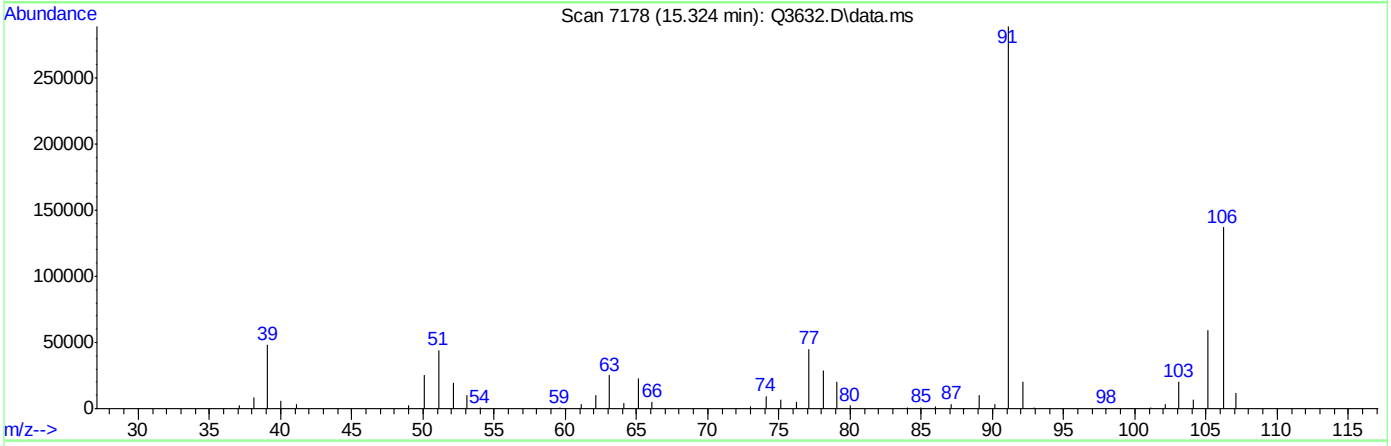
ACCUTEST Laboratories M66023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3632.D
Acq On : 6 Jun 2007 3:26 pm
Operator : PhilipB
Sample : CC197-10 (M179)
Misc : MS13699, MSQ198,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 06 16:16:39 2007
Quant Method : C:\msdchem\1\METHODS\Q060507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 14:52:22 2007
Response via : Initial Calibration





TIC: Q3632.D\data.ms

(56) m,p-XYLENE (m)

15.324min (-0.010) 21.93PPBV m

response 347729

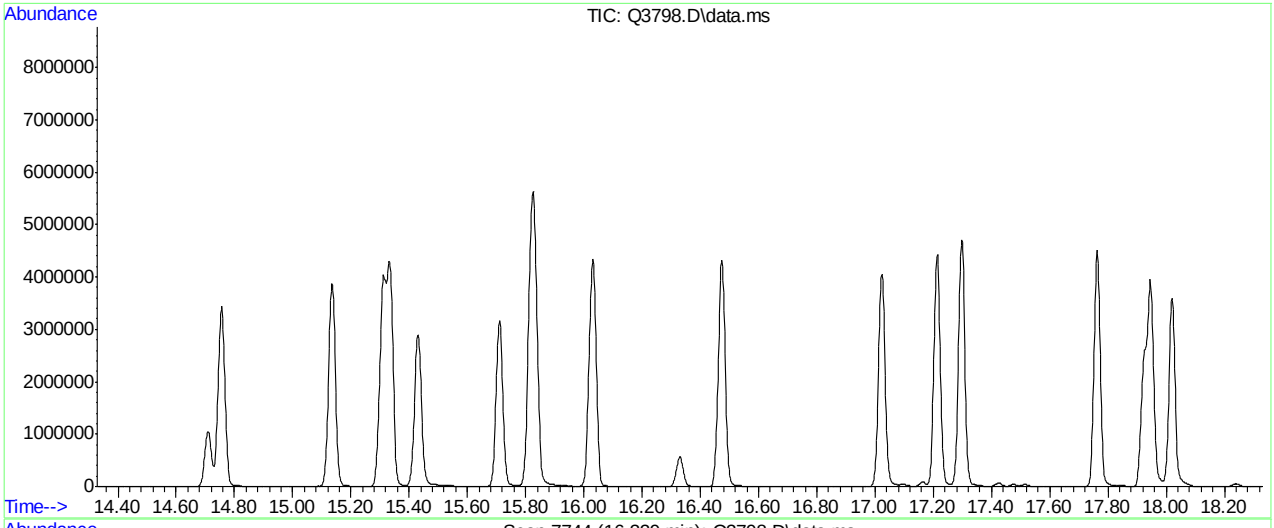
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	211.08
77.00	30.60	32.99
0.00	0.00	0.00

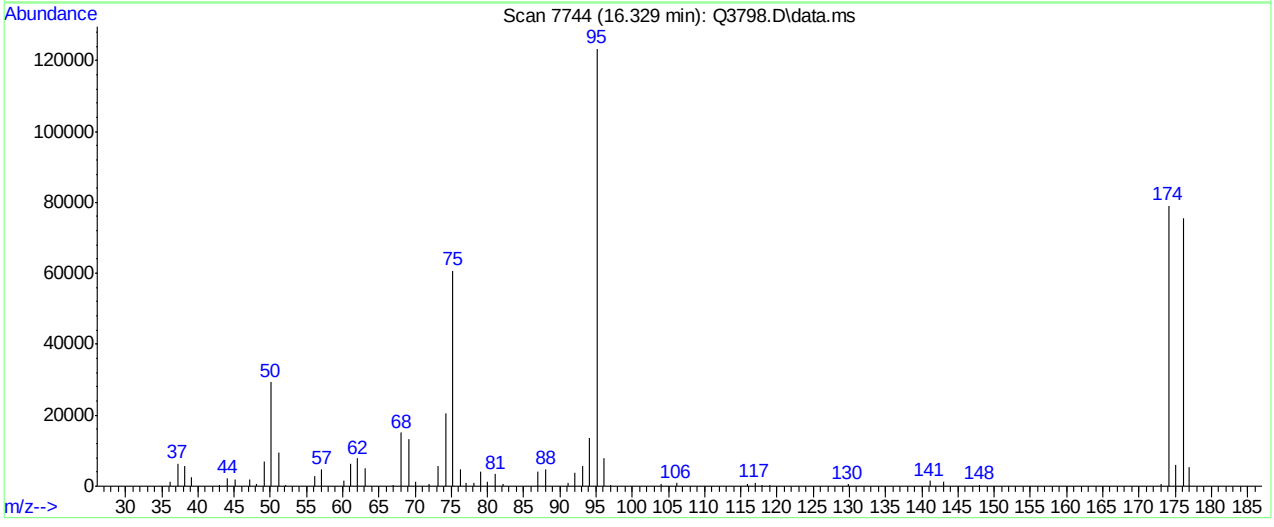
BFB

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

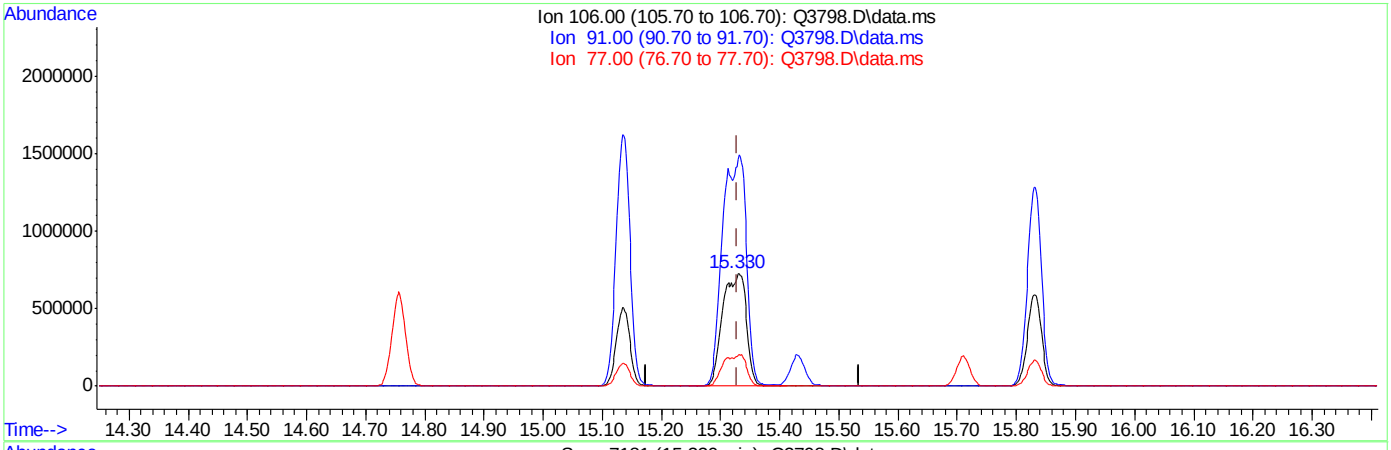
Scan 7744 (16.329 min): Q3798.D\data.ms
IC204-40 (M041)

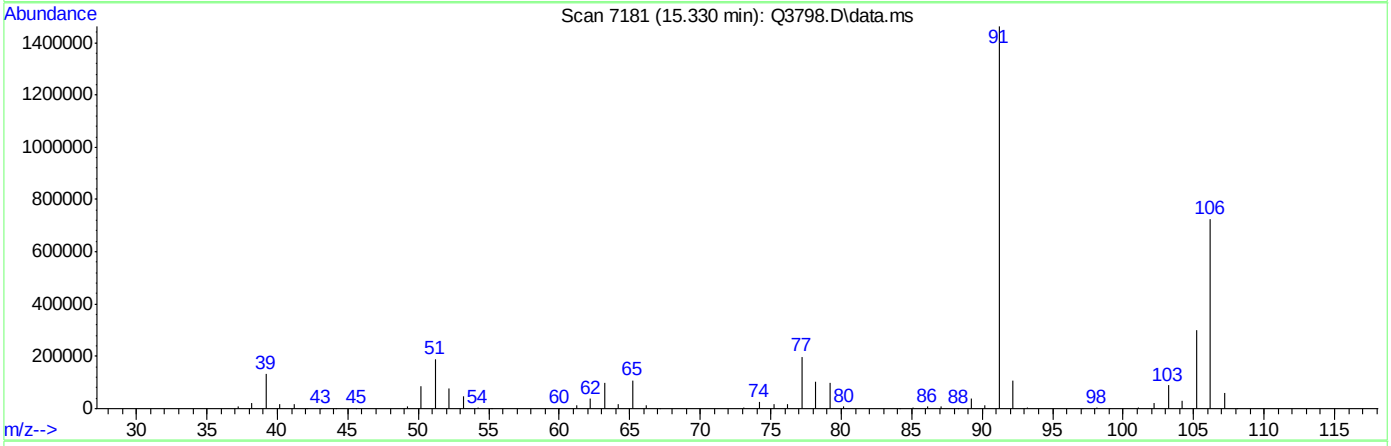
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
106.10	819	175.00	5865				
115.90	535	176.10	75640				
117.00	949	177.00	5522				
118.00	419						
119.00	416						
129.80	577						
141.10	1471						
143.00	1198						
148.00	431						
173.00	655						
174.10	79144						

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

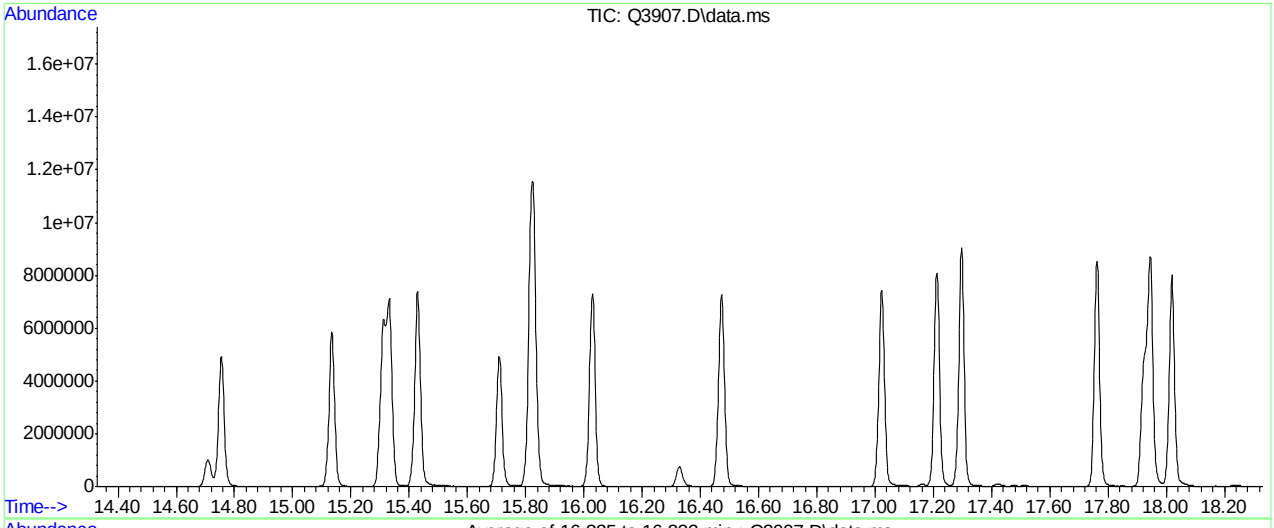
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	201.32
77.00	27.30	27.31
0.00	0.00	0.00

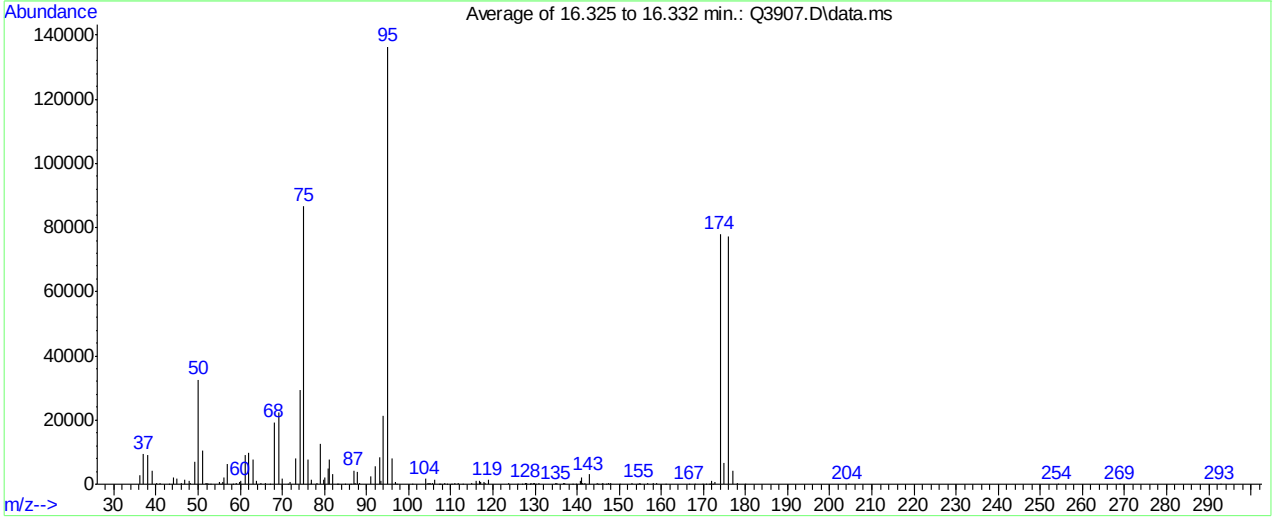
BFB

Data File : C:\msdchem\1\DATA\Q3907.D
Acq On : 5 Jul 2007 1:07 pm
Sample : IC210-40 (M207)
Misc : MS13877, MSQ210,,,,,1
MS Integration Params: LSCINT.P

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

Method : C:\msdchem\1\METHODS\Q070507T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.325 to 16.332 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	24.0	32681	PASS
75	95	30	66	63.6	86785	PASS
95	95	100	100	100.0	136448	PASS
96	95	5	9	5.9	8055	PASS
173	174	0.00	2	1.1	875	PASS
174	95	50	120	57.1	77972	PASS
175	174	4	9	8.3	6488	PASS
176	174	93	101	99.1	77233	PASS
177	176	5	9	5.4	4165	PASS

Q3907.D Q070507T.m Thu Jul 05 18:49:24 2007 RPT1

Average of 16.325 to 16.332 min.: Q3907.D\data.ms
IC210-40 (M207)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	2759	47.95	1066	55.90	732	65.00	527
37.05	9274	48.20	289	56.05	2089	66.10	305
38.05	9113	49.10	6884	57.05	6202	67.10	127
39.10	4215	50.05	32681	58.25	191	68.05	19390
40.05	258	51.05	10591	59.00	299	69.05	22432
41.00	226	51.90	317	59.85	728	69.95	1821
43.10	145	52.05	419	60.10	1181	71.20	106
44.10	2108	52.30	171	61.05	8931	71.95	760
45.00	1805	52.90	101	62.05	9947	73.10	8184
46.00	217	54.95	839	63.15	7560	74.10	29480
46.90	1343	55.30	127	63.95	988	75.05	86785

Average of 16.325 to 16.332 min.: Q3907.D\data.ms
IC210-40 (M207)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
76.05	7749	83.30	92	94.05	21502	106.05	1440
76.80	209	84.90	173	95.05	136448	107.20	161
77.00	1530	86.20	90	96.05	8055	107.40	119
78.15	529	86.95	4234	96.85	597	108.70	193
79.05	12458	87.40	531	97.10	117	109.00	86
79.90	1335	87.85	3910	100.90	158	110.10	97
80.05	1964	88.40	271	104.00	1592	110.95	251
80.90	4898	90.90	2384	104.60	202	111.80	274
81.05	7610	91.95	5571	104.90	453	112.80	95
81.95	3275	93.00	8520	105.15	228	114.95	422
82.90	169	93.30	937	105.75	330	115.90	1095

Average of 16.325 to 16.332 min.: Q3907.D\data.ms
IC210-40 (M207)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
116.10	151	127.80	302	137.00	234	146.05	239
116.80	328	127.95	488	138.90	110	146.90	103
116.90	915	128.70	144	139.70	83	147.40	203
117.05	817	129.00	276	140.80	1215	147.70	159
117.85	758	129.50	202	140.95	1996	148.00	287
118.05	344	129.75	339	141.20	411	150.00	119
118.85	1271	130.10	189	141.85	376	153.10	235
123.65	252	130.95	465	142.90	3095	154.40	109
125.80	88	134.85	262	144.85	269	154.80	443
126.90	110	135.15	263	145.10	123	155.00	118
127.70	425	136.75	327	145.80	91	156.70	310

Average of 16.325 to 16.332 min.: Q3907.D\data.ms
IC210-40 (M207)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
158.15	236	172.85	875				
158.95	254	173.95	77972				
161.00	102	174.95	6488				
166.70	102	175.95	77233				
168.00	142	177.00	4165				
169.80	184	177.95	469				
170.60	90	179.90	137				
171.30	105	204.30	122				
171.60	99	254.10	116				
171.95	972	268.90	94				
172.30	94	292.70	80				

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3622.D
Acq On : 5 Jun 2007 3:03 pm
Operator : PhilipB
Sample : IC197-4 (M142)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 05 15:42:47 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 05 15:42:16 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.427	128	31813	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.349	114	119804	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.710	117	107161	10.00	PPBV	0.01

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.346	95	47274	3.77	PPBV	0.01

Spiked Amount 5.000 Range 57 - 139 Recovery = 75.40%

Target Compounds	Qvalue

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

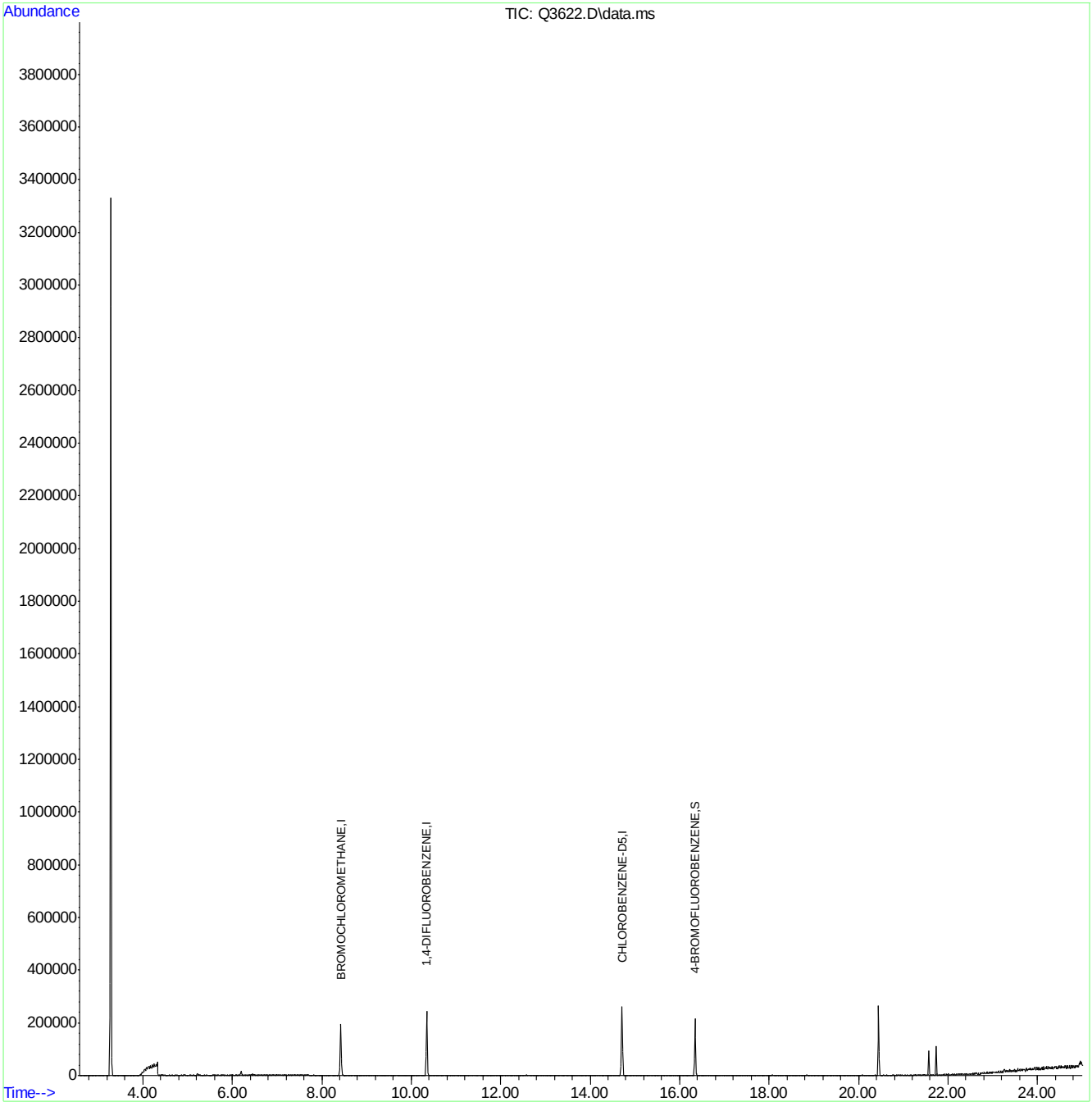
6.7.1

6

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3622.D
Acq On : 5 Jun 2007 3:03 pm
Operator : PhilipB
Sample : IC197-4 (M142)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 1 Sample Multiplier: 1

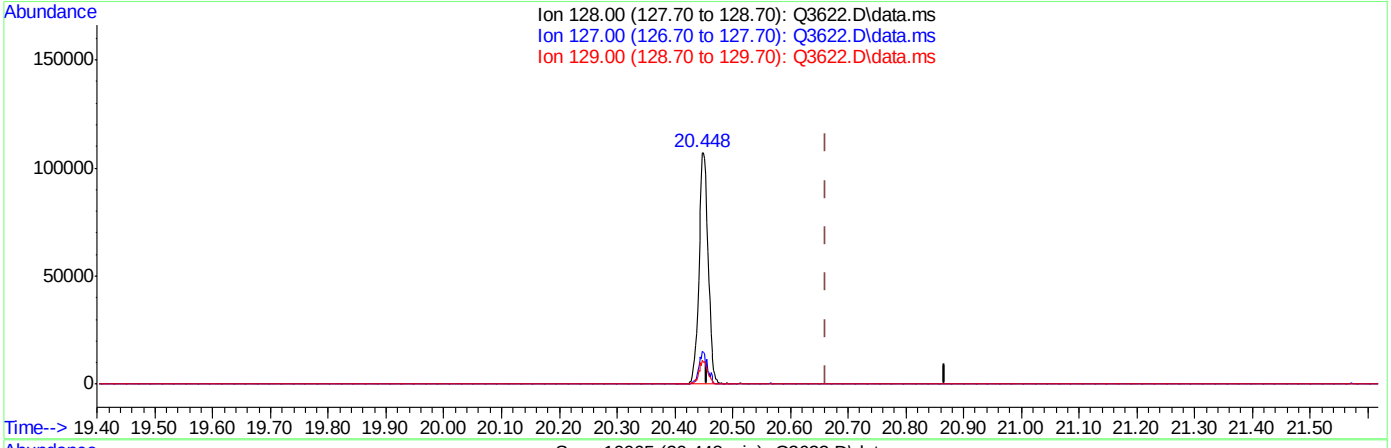
Quant Time: Jun 05 15:42:47 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 05 15:42:16 2007
Response via : Initial Calibration

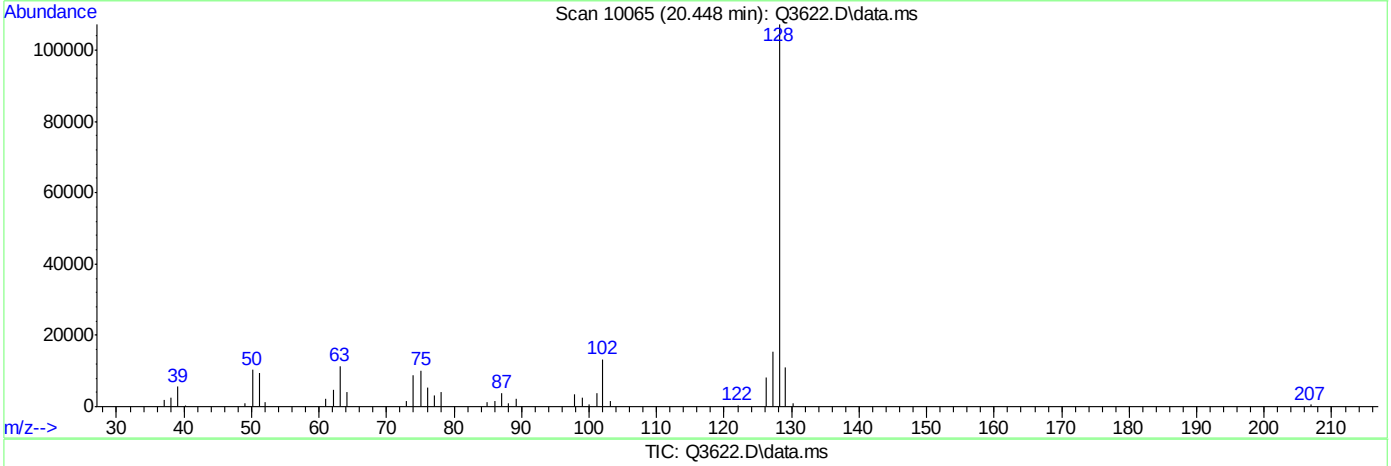


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3622.D
Acq On : 5 Jun 2007 3:03 pm
Operator : PhilipB
Sample : IC197-4 (M142)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 05 15:42:47 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 05 15:42:16 2007
Response via : Initial Calibration





TIC: Q3622.D\data.ms

(74) NAPHTHALENE (m)

20.448min (-0.214) 0.00PPBV m

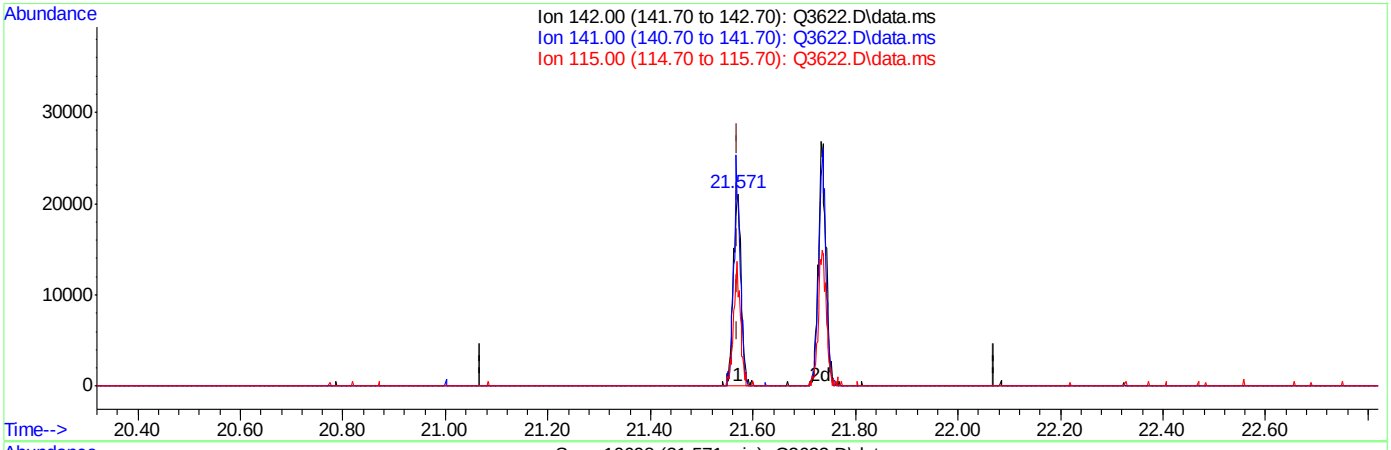
response 116628

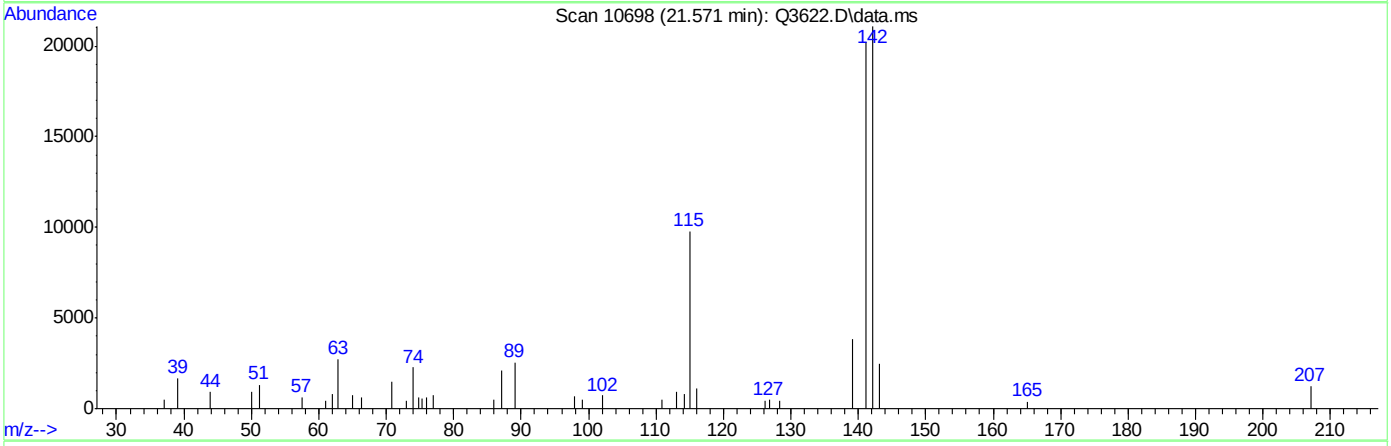
Ion	Exp%	Act%
128.00	100	100
127.00	13.60	0.00
129.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3622.D
Acq On : 5 Jun 2007 3:03 pm
Operator : PhilipB
Sample : IC197-4 (M142)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 05 15:42:47 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 05 15:42:16 2007
Response via : Initial Calibration





TIC: Q3622.D\data.ms

(75) 2-METHYLNAPHTHALENE

21.571min (+0.001) 0.00PPBV

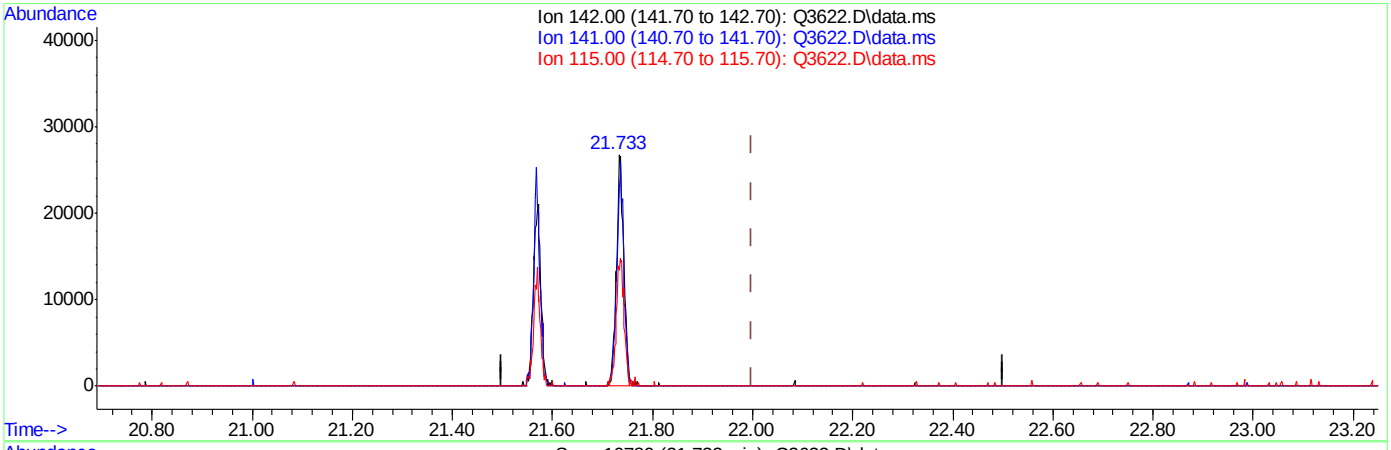
response 22217

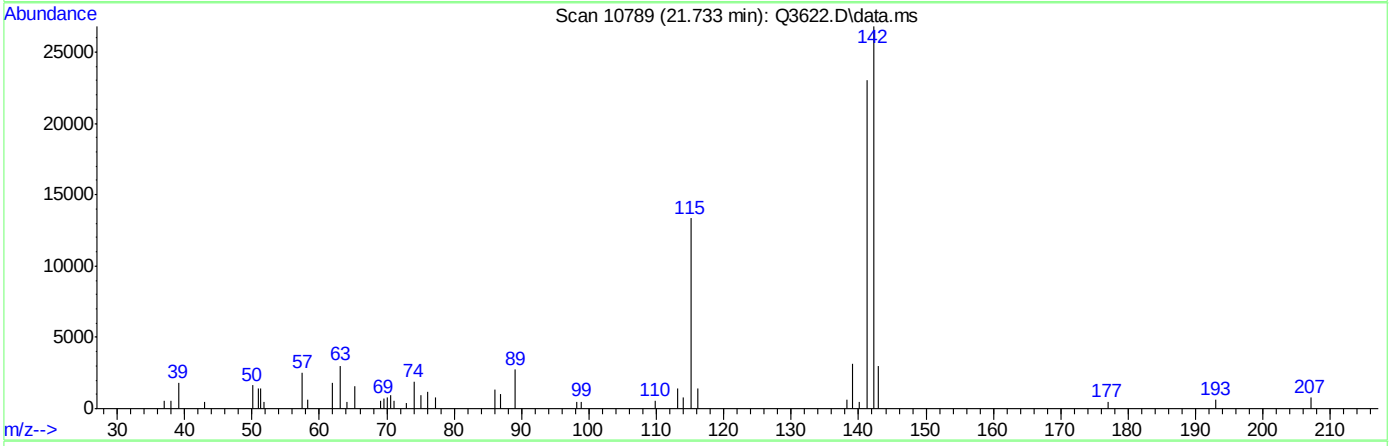
Ion	Exp%	Act%
142.00	100	100
141.00	0.00	97.00#
115.00	0.00	55.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3622.D
Acq On : 5 Jun 2007 3:03 pm
Operator : PhilipB
Sample : IC197-4 (M142)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 05 15:42:47 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 05 15:42:16 2007
Response via : Initial Calibration





TIC: Q3622.D\data.ms

(76) 1-METHYLNAPHTHALENE

21.733min (-0.267) 0.00PPBV m

response 27693

Ion	Exp%	Act%
142.00	100	100
141.00	0.00	0.00
115.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
06/08/07 12:42

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3623.D
Acq On : 5 Jun 2007 3:47 pm
Operator : PhilipB
Sample : IC197-40 (M109)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 05 16:40:46 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 05 15:46:38 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.436	128	37516	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.353	114	170488	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.701	117	177287	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.341	95	101271	5.03	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 100.60%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	3.611	85	1625125	49.59	PPBV		85
3) PROPYLENE	3.540	41	186617	28.71	PPBV		91
4) FREON 114	3.877	85	1439395	58.23	PPBV	#	100
5) CHLOROMETHANE	3.781	50	250455	31.03	PPBV		94
6) VINYL CHLORIDE	4.001	62	287713	41.55	PPBV		74
7) 1,3-BUTADIENE	4.140	39	358886	37.64	PPBV	#	100
8) BROMOMETHANE	4.420	94	364115	61.44	PPBV	#	100
9) CHLOROETHANE	4.596	64	135834	49.53	PPBV	#	100
10) TRICHLOROFLUOROMETHANE	5.410	101	2279864	70.88	PPBV	#	100
11) ISOPROPYL ALCOHOL	5.469	45	676422	39.86	PPBV		96
12) ACETONE	5.208	43	828081	39.14	PPBV		84
13) PENTANE	5.790	42	378305	43.89	PPBV	#	100
14) 1,1-DICHLOROETHYLENE	6.090	96	444220	79.36	PPBV	#	10
15) CARBON DISULFIDE	6.543	76	1203160	79.00	PPBV	#	54
16) ETHANOL	4.699	45	97122	32.30	PPBV	#	100
17) BROMOETHENE	4.965	106	408028	74.41	PPBV	#	100
18) METHYLENE CHLORIDE	6.213	84	352562	65.41	PPBV	#	1
19) 3-CHLOROPROPENE	6.339	39	581260	49.16	PPBV	#	1
20) FREON 113	6.489	151	1365727	134.02	PPBV	#	100
21) TRANS-1,2-DICHLOROETHY...	7.199	96	471071	86.09	PPBV	#	100
22) TERTIARY BUTYL ALCOHOL	6.113	59	927129	55.15	PPBV	#	100
23) METHYL TERTIARY BUTYL ...	7.460	73	1237217	59.78	PPBV	#	100
24) TETRAHYDROFURAN	8.969	42	323488	35.44	PPBV	#	100
25) HEXANE	8.475	57	359360	37.80	PPBV	#	100
26) VINYL ACETATE	7.551	43	1166831	49.95	PPBV		91
27) 1,1-DICHLOROETHANE	7.411	63	872942	56.14	PPBV	#	100
28) METHYL ETHYL KETONE	7.808	43	724668	33.99	PPBV		94
29) cis-1,2-DICHLOROETHYLENE	8.266	96	271451	59.38	PPBV	#	100
30) ETHYL ACETATE	8.481	43	1219552	37.12	PPBV		100
31) CHLOROFORM	8.571	83	957323	52.00	PPBV	#	100
32) 1,1,1-TRICHLOROETHANE	9.563	97	1189355	57.92	PPBV		93
33) CARBON TETRACHLORIDE	10.172	117	1558320	72.05	PPBV		95
34) 1,2-DICHLOROETHANE	9.311	62	806538	44.82	PPBV		99
36) BENZENE	10.025	78	746513	59.94	PPBV		94
37) CYCLOHEXANE	10.296	84	262872	61.60	PPBV	#	77
38) TRICHLOROETHYLENE	11.063	95	624660	82.10	PPBV		92
39) 1,2-DICHLOROPROPANE	10.831	63	289883	51.38	PPBV		94
40) BROMODICHLOROMETHANE	11.024	83	1142132	66.91	PPBV		100
41) 2,2,4-TRIMETHYLPENTANE	11.088	57	1369188	51.41	PPBV	#	96
42) 1,4-DIOXANE	11.052	88	171948	87.82	PPBV	#	65
43) HEPTANE	11.335	43	579645	43.71	PPBV		84

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3623.D
Acq On : 5 Jun 2007 3:47 pm
Operator : PhilipB
Sample : IC197-40 (M109)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 05 16:40:46 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 05 15:46:38 2007
Response via : Initial Calibration

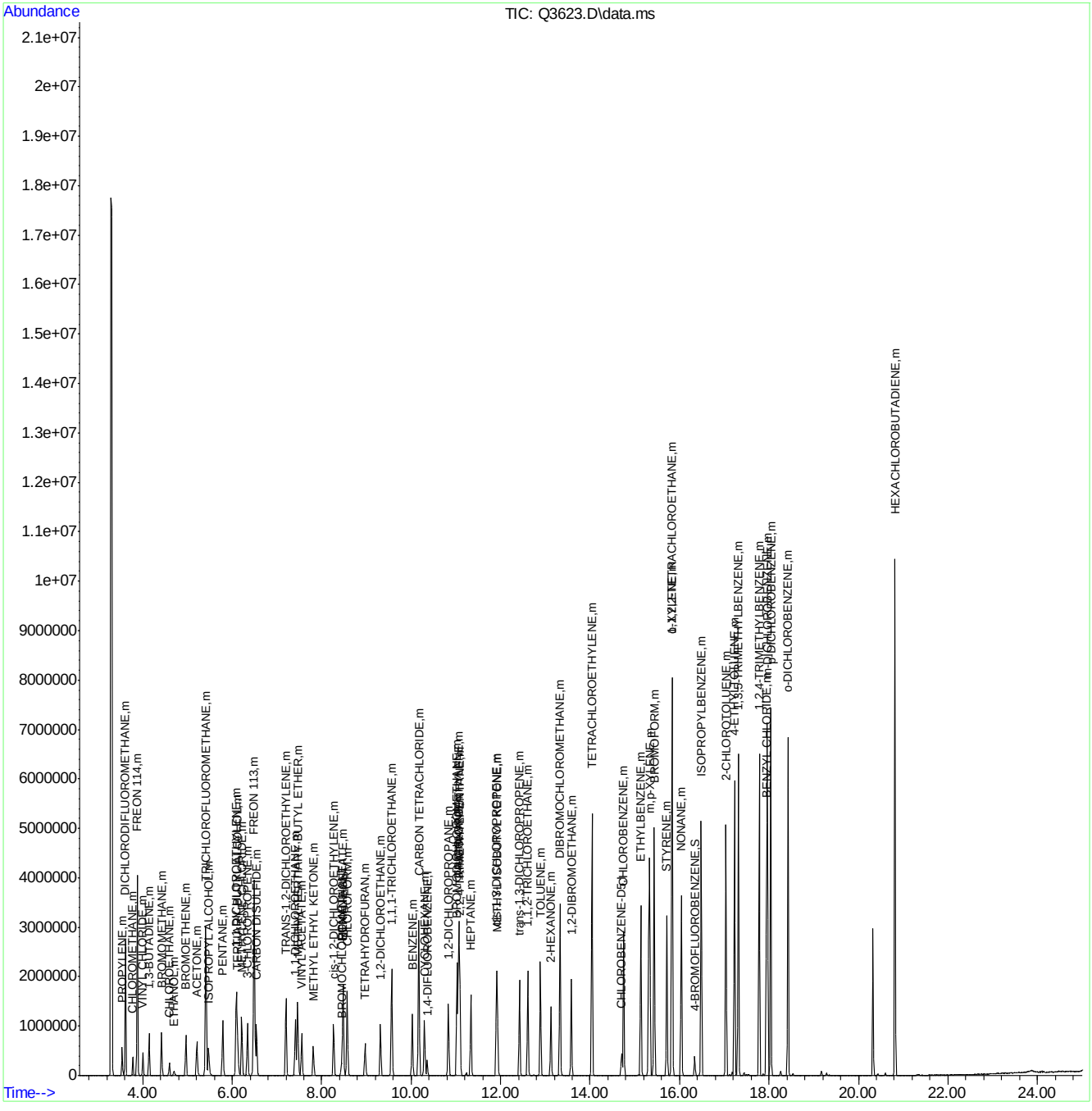
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.926	43	979380	50.14 PPBV	91
45) cis-1,3-DICHLOROPROPENE	11.904	75	601738	74.29 PPBV #	75
46) TOLUENE	12.891	92	701192	80.51 PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.421	75	734078	88.21 PPBV #	99
48) 1,1,2-TRICHLOROETHANE	12.607	83	380659	76.15 PPBV	95
50) 2-HEXANONE	13.124	43	951600	49.83 PPBV	90
51) TETRACHLOROETHYLENE	14.041	164	824330	140.97 PPBV	95
52) DIBROMOCHLOROMETHANE	13.328	129	1512519	98.45 PPBV	98
53) 1,2-DIBROMOETHANE	13.581	107	959571	86.08 PPBV	98
54) CHLOROBENZENE	14.747	112	1146590	90.53 PPBV	95
55) ETHYLBENZENE	15.133	91	1997112	73.85 PPBV	95
56) m,p-XYLENE	15.335	106	1622690m	182.77 PPBV	
57) o-XYLENE	15.834	106	980297	105.38 PPBV	96
58) STYRENE	15.715	104	1162418	112.48 PPBV	97
59) NONANE	16.040	43	1254927	50.31 PPBV	92
60) BROMOFORM	15.433	173	1923682	165.61 PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.828	83	1500128	99.76 PPBV	97
63) ISOPROPYLBENZENE	16.485	105	2838396	91.72 PPBV	97
64) 2-CHLOROTOLUENE	17.037	91	2124140	87.22 PPBV	97
65) 4-ETHYLTOLUENE	17.229	105	2969300	111.26 PPBV	96
66) 1,3,5-TRIMETHYLBENZENE	17.314	105	2787245	107.39 PPBV	96
67) 1,2,4-TRIMETHYLBENZENE	17.781	105	2819502	120.90 PPBV	95
68) m-DICHLOROBENZENE	17.963	146	2252926	102.28 PPBV	97
69) BENZYL CHLORIDE	17.942	91	2139437	81.08 PPBV	97
70) p-DICHLOROBENZENE	18.038	146	2204567	116.75 PPBV	98
71) o-DICHLOROBENZENE	18.425	146	2021936	96.65 PPBV	98
72) HEXACHLOROBUTADIENE	20.815	225	1417822	234.15 PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.324	180	702108	Below Cal	94

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3623.D
Acq On : 5 Jun 2007 3:47 pm
Operator : PhilipB
Sample : IC197-40 (M109)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 2 Sample Multiplier: 1

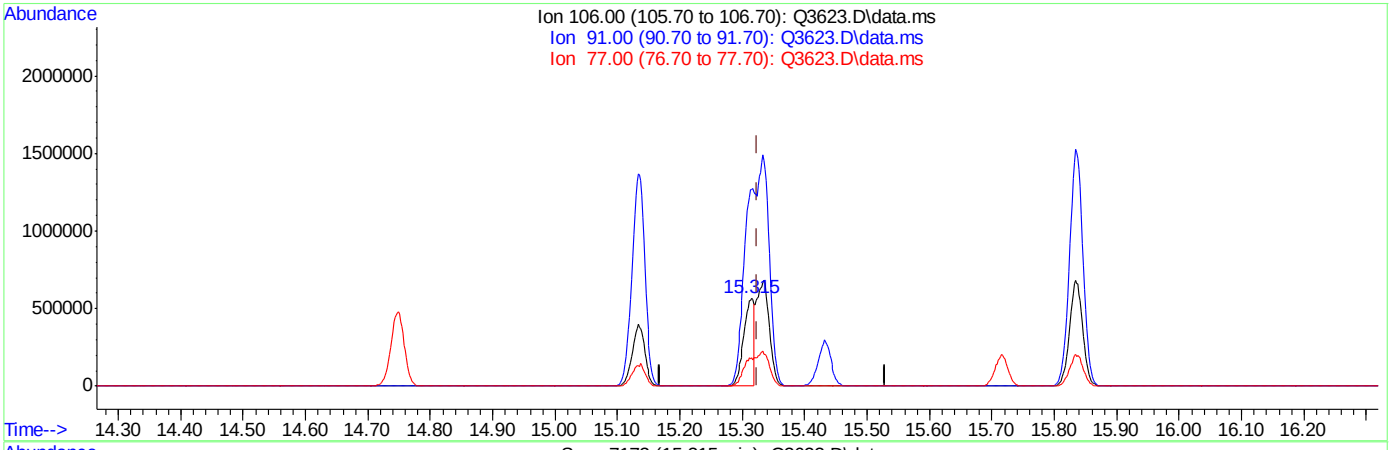
Quant Time: Jun 05 16:40:46 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 05 15:46:38 2007
Response via : Initial Calibration

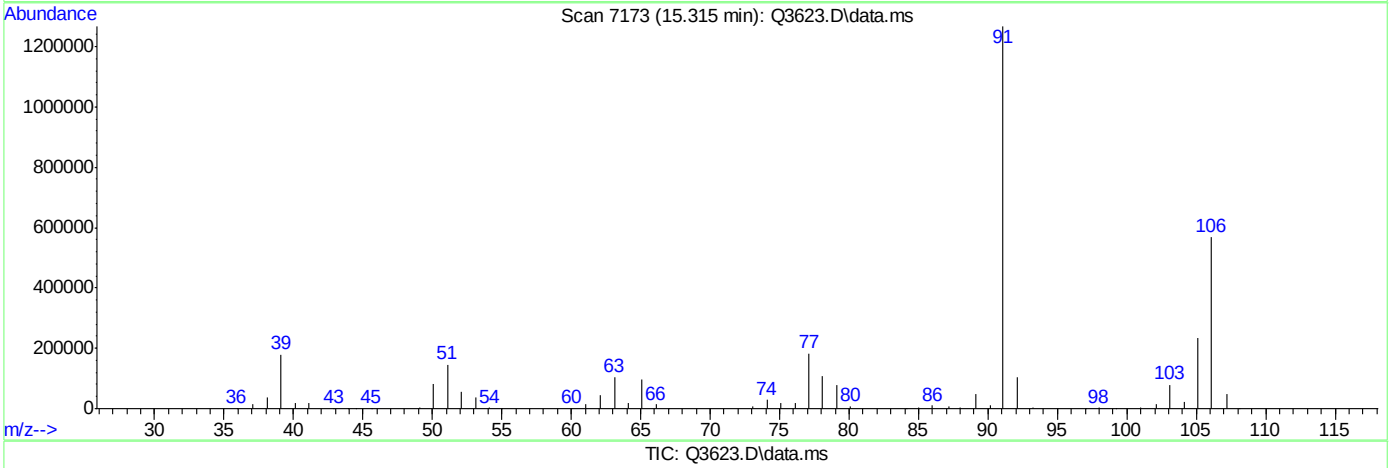


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3623.D
Acq On : 5 Jun 2007 3:47 pm
Operator : PhilipB
Sample : IC197-40 (M109)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 05 16:39:45 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 05 15:46:38 2007
Response via : Initial Calibration





TIC: Q3623.D\data.ms

(56) m,p-XYLENE (m)

15.315min (-0.009) 73.27PPBV

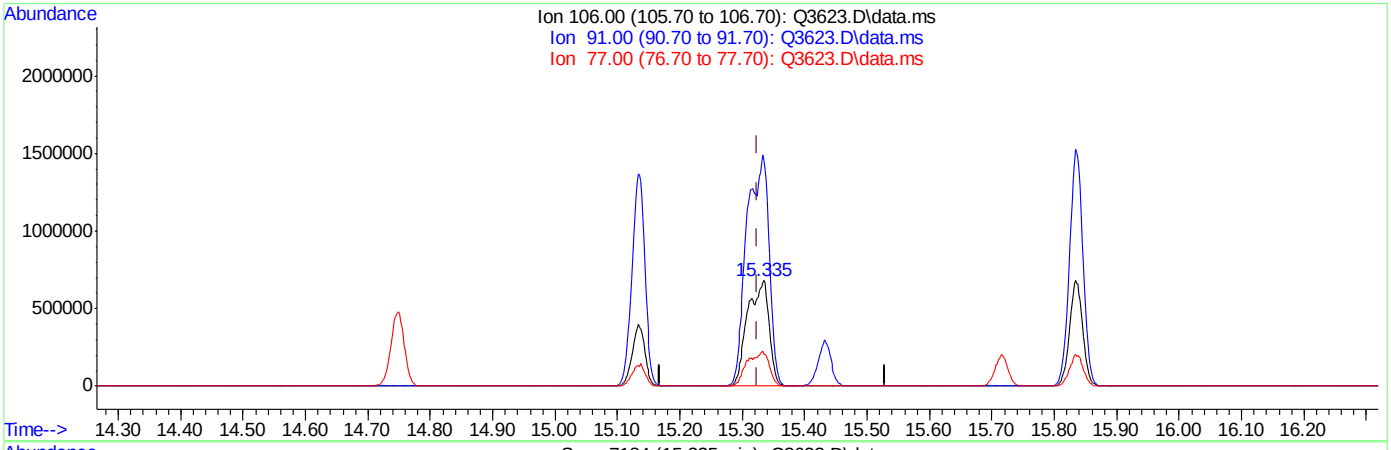
response 650517

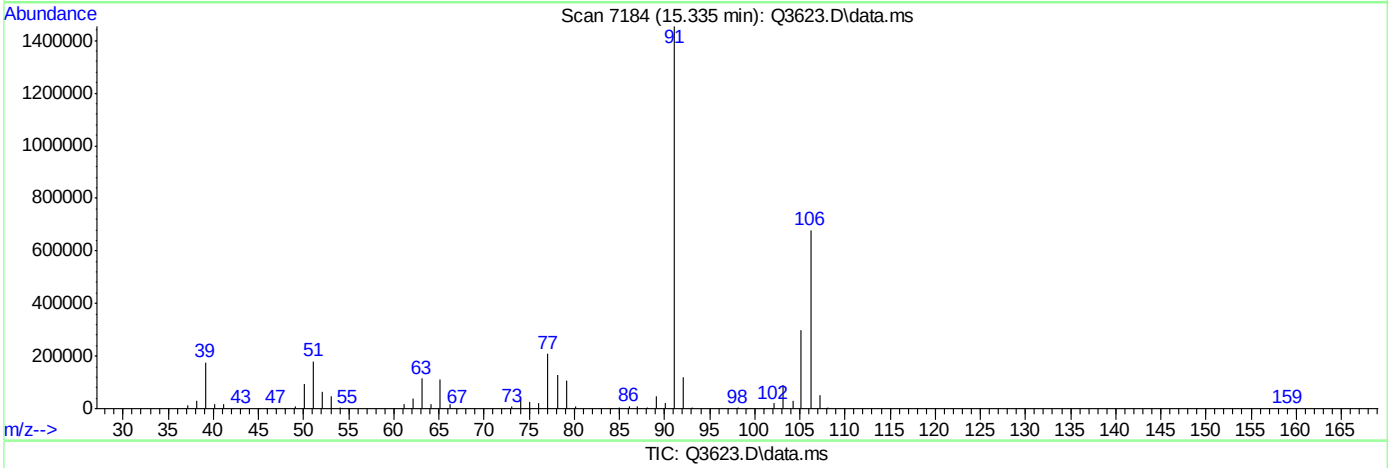
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	222.73
77.00	30.60	32.10
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3623.D
Acq On : 5 Jun 2007 3:47 pm
Operator : PhilipB
Sample : IC197-40 (M109)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 05 16:39:45 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 05 15:46:38 2007
Response via : Initial Calibration





TIC: Q3623.D\data.ms

(56) m,p-XYLENE (m)

15.335min (+0.011) 182.77PPBV m

response 1622690

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	214.28
77.00	30.60	30.58
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
06/08/07 12:42

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3624.D
Acq On : 5 Jun 2007 4:30 pm
Operator : PhilipB
Sample : IC197-20 (M109)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 05 16:58:51 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 05 16:41:14 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.433	128	42635	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.353	114	176235	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.701	117	187505	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.338	95	104800	5.52	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 110.40%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	3.613	85	1341148	29.05	PPBV		87
3) PROPYLENE	3.540	41	119998	22.63	PPBV		86
4) FREON 114	3.875	85	1092034	26.70	PPBV	#	100
5) CHLOROMETHANE	3.778	50	172791	24.28	PPBV		97
6) VINYL CHLORIDE	4.003	62	216642	26.50	PPBV		74
7) 1,3-BUTADIENE	4.138	39	217569	21.34	PPBV	#	100
8) BROMOMETHANE	4.418	94	297726	28.78	PPBV	#	100
9) CHLOROETHANE	4.590	64	96126	24.91	PPBV	#	100
10) TRICHLOROFLUOROMETHANE	5.409	101	1542136	23.81	PPBV	#	100
11) ISOPROPYL ALCOHOL	5.464	45	418157	21.76	PPBV		93
12) ACETONE	5.206	43	491770	20.90	PPBV		81
13) PENTANE	5.787	42	220665	20.53	PPBV	#	100
14) 1,1-DICHLOROETHYLENE	6.088	96	276959	21.94	PPBV	#	19
15) CARBON DISULFIDE	6.539	76	716454	20.96	PPBV	#	58
16) ETHANOL	4.693	45	60850	22.05	PPBV	#	100
17) BROMOETHENE	4.961	106	295829	25.52	PPBV	#	100
18) METHYLENE CHLORIDE	6.213	84	244743	24.43	PPBV	#	1
19) 3-CHLOROPROPENE	6.339	39	333375	20.19	PPBV	#	1
20) FREON 113	6.486	151	915582	23.60	PPBV	#	100
21) TRANS-1,2-DICHLOROETHY...	7.196	96	282689	21.12	PPBV	#	100
22) TERTIARY BUTYL ALCOHOL	6.106	59	546888	20.76	PPBV	#	100
23) METHYL TERTIARY BUTYL ...	7.459	73	677954	19.29	PPBV	#	100
24) TETRAHYDROFURAN	8.971	42	149655	16.28	PPBV	#	100
25) HEXANE	8.475	57	159523	15.62	PPBV	#	100
26) VINYL ACETATE	7.551	43	598669	18.06	PPBV		91
27) 1,1-DICHLOROETHANE	7.407	63	472310	19.04	PPBV	#	100
28) METHYL ETHYL KETONE	7.806	43	323712	15.72	PPBV		91
29) cis-1,2-DICHLOROETHYLENE	8.264	96	125935	16.33	PPBV	#	100
30) ETHYL ACETATE	8.475	43	537453	15.51	PPBV		100
31) CHLOROFORM	8.570	83	450828	16.58	PPBV	#	100
32) 1,1,1-TRICHLOROETHANE	9.565	97	556128	16.46	PPBV		92
33) CARBON TETRACHLORIDE	10.170	117	712566	16.09	PPBV		95
34) 1,2-DICHLOROETHANE	9.308	62	391287	17.08	PPBV		98
36) BENZENE	10.021	78	353314	18.31	PPBV		95
37) CYCLOHEXANE	10.293	84	116103	17.09	PPBV	#	74
38) TRICHLOROETHYLENE	11.058	95	255566	15.83	PPBV		90
39) 1,2-DICHLOROPROPANE	10.827	63	145560	19.43	PPBV		90
40) BROMODICHLOROMETHANE	11.020	83	519278	17.59	PPBV		99
41) 2,2,4-TRIMETHYLPENTANE	11.084	57	555534	15.70	PPBV	#	95
42) 1,4-DIOXANE	11.051	88	67927	15.29	PPBV	#	57
43) HEPTANE	11.333	43	246763	16.47	PPBV		83

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3624.D
Acq On : 5 Jun 2007 4:30 pm
Operator : PhilipB
Sample : IC197-20 (M109)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 05 16:58:51 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 05 16:41:14 2007
Response via : Initial Calibration

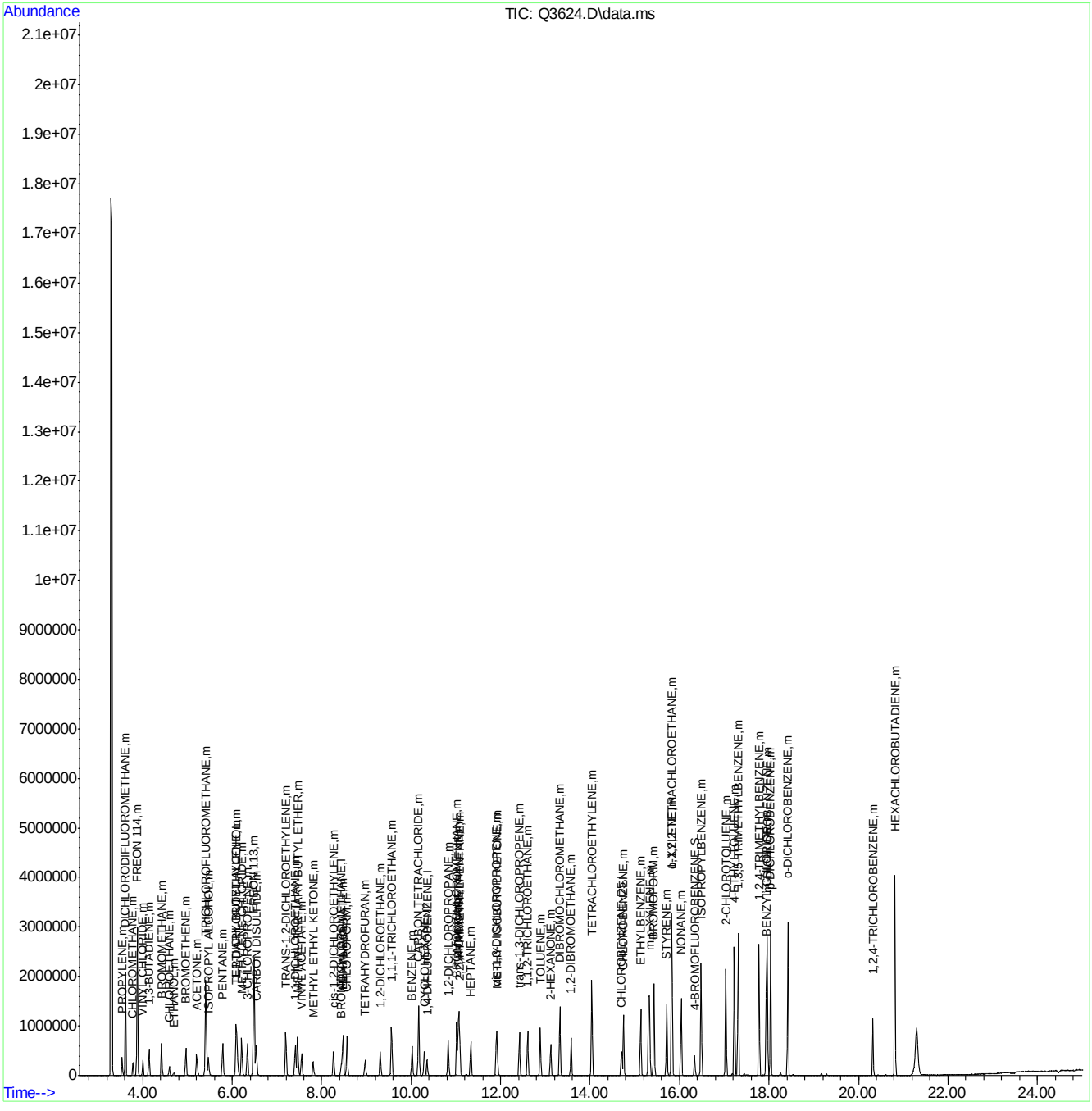
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.924	43	398657	15.75 PPBV	91
45) cis-1,3-DICHLOROPROPENE	11.904	75	245945	15.82 PPBV #	70
46) TOLUENE	12.884	92	281529	15.54 PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.417	75	332039	17.50 PPBV #	100
48) 1,1,2-TRICHLOROETHANE	12.605	83	158685	16.13 PPBV	95
50) 2-HEXANONE	13.120	43	433811	17.24 PPBV	91
51) TETRACHLOROETHYLENE	14.039	164	297138	13.63 PPBV	96
52) DIBROMOCHLOROMETHANE	13.321	129	583301	14.59 PPBV	97
53) 1,2-DIBROMOETHANE	13.576	107	367761	14.49 PPBV	99
54) CHLOROBENZENE	14.744	112	462937	15.27 PPBV	92
55) ETHYLBENZENE	15.131	91	759255	14.38 PPBV	96
56) m,p-XYLENE	15.328	106	607052m	28.30 PPBV	
57) o-XYLENE	15.830	106	385052	14.86 PPBV	95
58) STYRENE	15.711	104	534666	17.40 PPBV	96
59) NONANE	16.038	43	523353	15.77 PPBV	91
60) BROMOFORM	15.425	173	693460	13.63 PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.823	83	602576	15.19 PPBV	97
63) ISOPROPYLBENZENE	16.483	105	1274210	16.98 PPBV	97
64) 2-CHLOROTOLUENE	17.035	91	949498	16.91 PPBV	96
65) 4-ETHYLTOLUENE	17.225	105	1343721	17.12 PPBV	96
66) 1,3,5-TRIMETHYLBENZENE	17.312	105	1291002	17.52 PPBV	96
67) 1,2,4-TRIMETHYLBENZENE	17.777	105	1181701	15.85 PPBV	94
68) m-DICHLOROBENZENE	17.960	146	836968	14.05 PPBV	98
69) BENZYL CHLORIDE	17.939	91	909612	16.08 PPBV	95
70) p-DICHLOROBENZENE	18.034	146	837620	14.37 PPBV	99
71) o-DICHLOROBENZENE	18.421	146	979137	18.31 PPBV	98
72) HEXACHLOROBUTADIENE	20.814	225	512777	13.68 PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.322	180	257321	13.86 PPBV	93

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3624.D
Acq On : 5 Jun 2007 4:30 pm
Operator : PhilipB
Sample : IC197-20 (M109)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 2 Sample Multiplier: 1

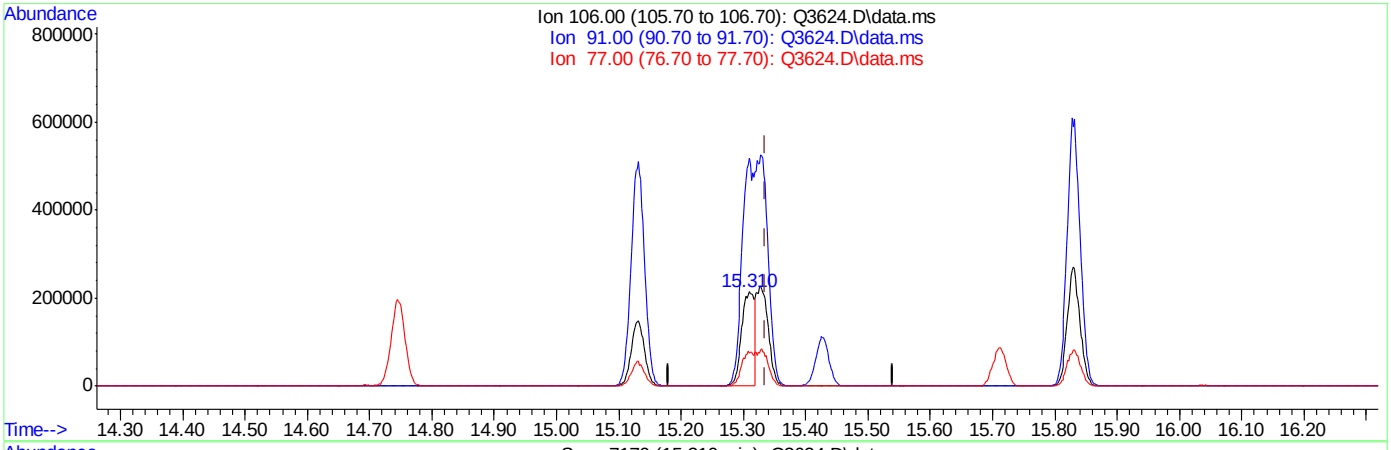
Quant Time: Jun 05 16:58:51 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 05 16:41:14 2007
Response via : Initial Calibration

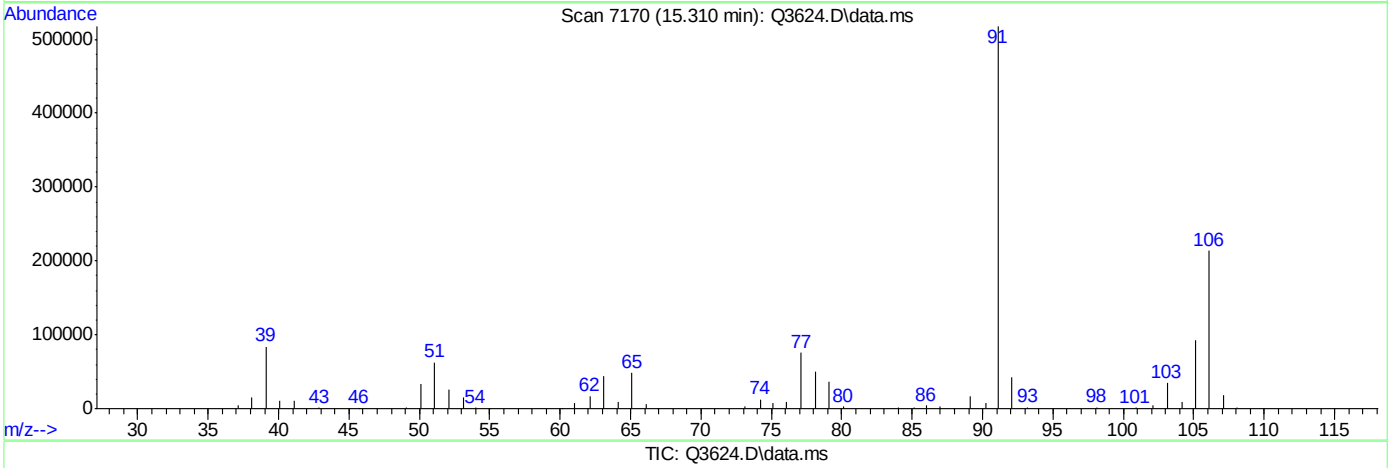


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3624.D
Acq On : 5 Jun 2007 4:30 pm
Operator : PhilipB
Sample : IC197-20 (M109)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 05 16:58:07 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 05 16:41:14 2007
Response via : Initial Calibration





TIC: Q3624.D\data.ms

(56) m,p-XYLENE (m)

15.310min (-0.025) 14.49PPBV

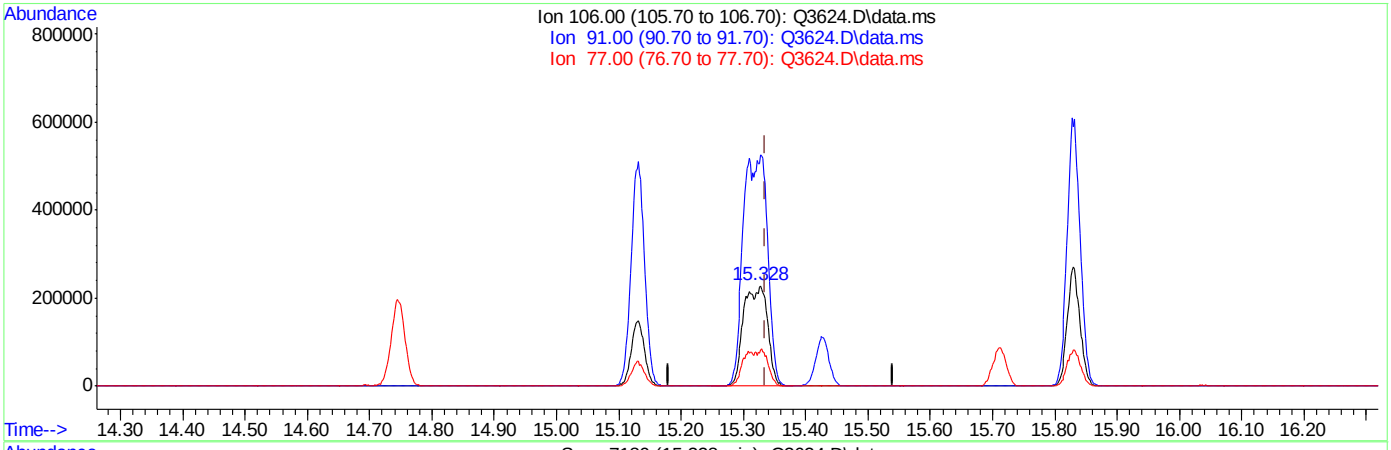
response 310747

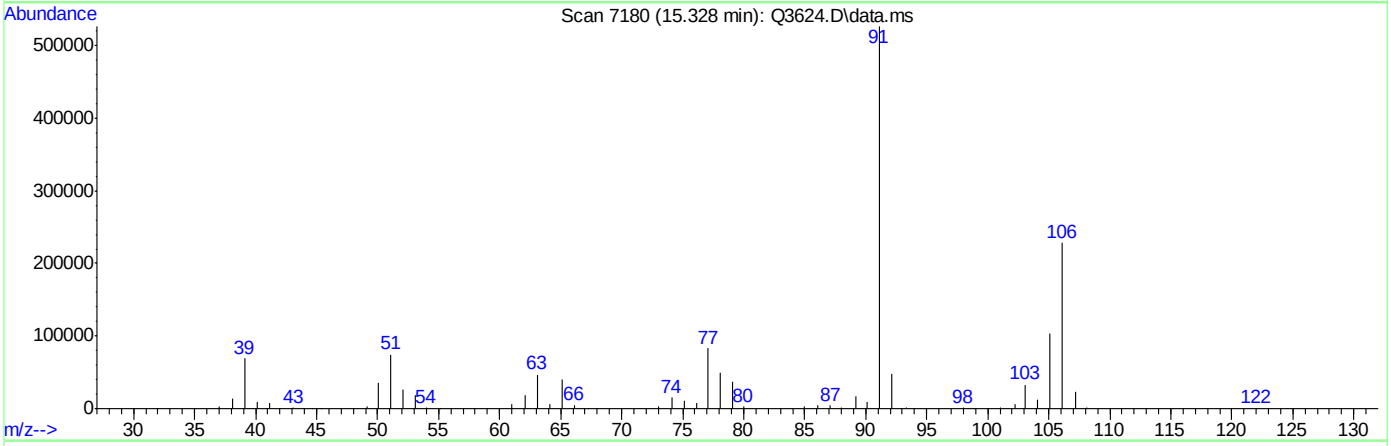
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	242.27
77.00	30.60	35.51
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3624.D
Acq On : 5 Jun 2007 4:30 pm
Operator : PhilipB
Sample : IC197-20 (M109)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 05 16:58:07 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 05 16:41:14 2007
Response via : Initial Calibration





TIC: Q3624.D\data.ms

(56) m,p-XYLENE (m)

15.328min (-0.007) 28.30PPBV m

response 607052

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	230.46
77.00	30.60	36.48
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
06/08/07 12:42

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3625.D
Acq On : 5 Jun 2007 5:14 pm
Operator : PhilipB
Sample : ICC197-10 (M109)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 06 09:05:32 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 05 16:59:00 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.435	128	47153	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.351	114	198354	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.698	117	180740	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.336	95	116844	6.17	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 123.40%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.611	85	719480	11.49	PPBV	87
3) PROPYLENE	3.538	41	57976	9.28	PPBV	94
4) FREON 114	3.875	85	536525	10.16	PPBV #	100
5) CHLOROMETHANE	3.778	50	89798	10.31	PPBV	92
6) VINYL CHLORIDE	3.999	62	107708	10.25	PPBV	73
7) 1,3-BUTADIENE	4.140	39	108581	9.32	PPBV #	100
8) BROMOMETHANE	4.418	94	149393	10.71	PPBV #	100
9) CHLOROETHANE	4.590	64	46450	9.69	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.409	101	774282	9.87	PPBV #	100
11) ISOPROPYL ALCOHOL	5.462	45	209128	9.42	PPBV	96
12) ACETONE	5.206	43	242292	9.11	PPBV	82
13) PENTANE	5.785	42	113401	9.41	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.085	96	141068	9.64	PPBV #	21
15) CARBON DISULFIDE	6.537	76	344574	8.90	PPBV #	57
16) ETHANOL	4.688	45	29623	9.23	PPBV #	100
17) BROMOETHENE	4.961	106	163312	11.19	PPBV #	100
18) METHYLENE CHLORIDE	6.209	84	117408	9.54	PPBV #	1
19) 3-CHLOROPROPENE	6.335	39	149965	8.17	PPBV #	1
20) FREON 113	6.482	151	405046	8.66	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.198	96	136789	8.99	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.104	59	262944	8.86	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.453	73	333418	8.73	PPBV #	100
24) TETRAHYDROFURAN	8.971	42	72113	7.82	PPBV #	100
25) HEXANE	8.472	57	78876	7.84	PPBV #	100
26) VINYL ACETATE	7.545	43	287211	8.23	PPBV	90
27) 1,1-DICHLOROETHANE	7.405	63	233501	8.72	PPBV #	100
28) METHYL ETHYL KETONE	7.805	43	159592	7.85	PPBV	90
29) cis-1,2-DICHLOROETHYLENE	8.261	96	60857	7.86	PPBV #	100
30) ETHYL ACETATE	8.472	43	257559	7.57	PPBV	100
31) CHLOROFORM	8.562	83	217187	7.90	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.560	97	275709	8.09	PPBV	92
33) CARBON TETRACHLORIDE	10.165	117	338254	7.66	PPBV	98
34) 1,2-DICHLOROETHANE	9.308	62	190130	8.09	PPBV	99
36) BENZENE	10.020	78	169564	8.15	PPBV	95
37) CYCLOHEXANE	10.291	84	58352	8.23	PPBV #	78
38) TRICHLOROETHYLENE	11.058	95	115521	7.10	PPBV	90
39) 1,2-DICHLOROPROPANE	10.825	63	67664	8.14	PPBV	93
40) BROMODICHLOROMETHANE	11.017	83	244363	7.83	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.079	57	259564	7.30	PPBV	98
42) 1,4-DIOXANE	11.047	88	33136	7.51	PPBV #	64
43) HEPTANE	11.331	43	113899	7.41	PPBV	85

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3625.D
Acq On : 5 Jun 2007 5:14 pm
Operator : PhilipB
Sample : ICC197-10 (M109)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 06 09:05:32 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 05 16:59:00 2007
Response via : Initial Calibration

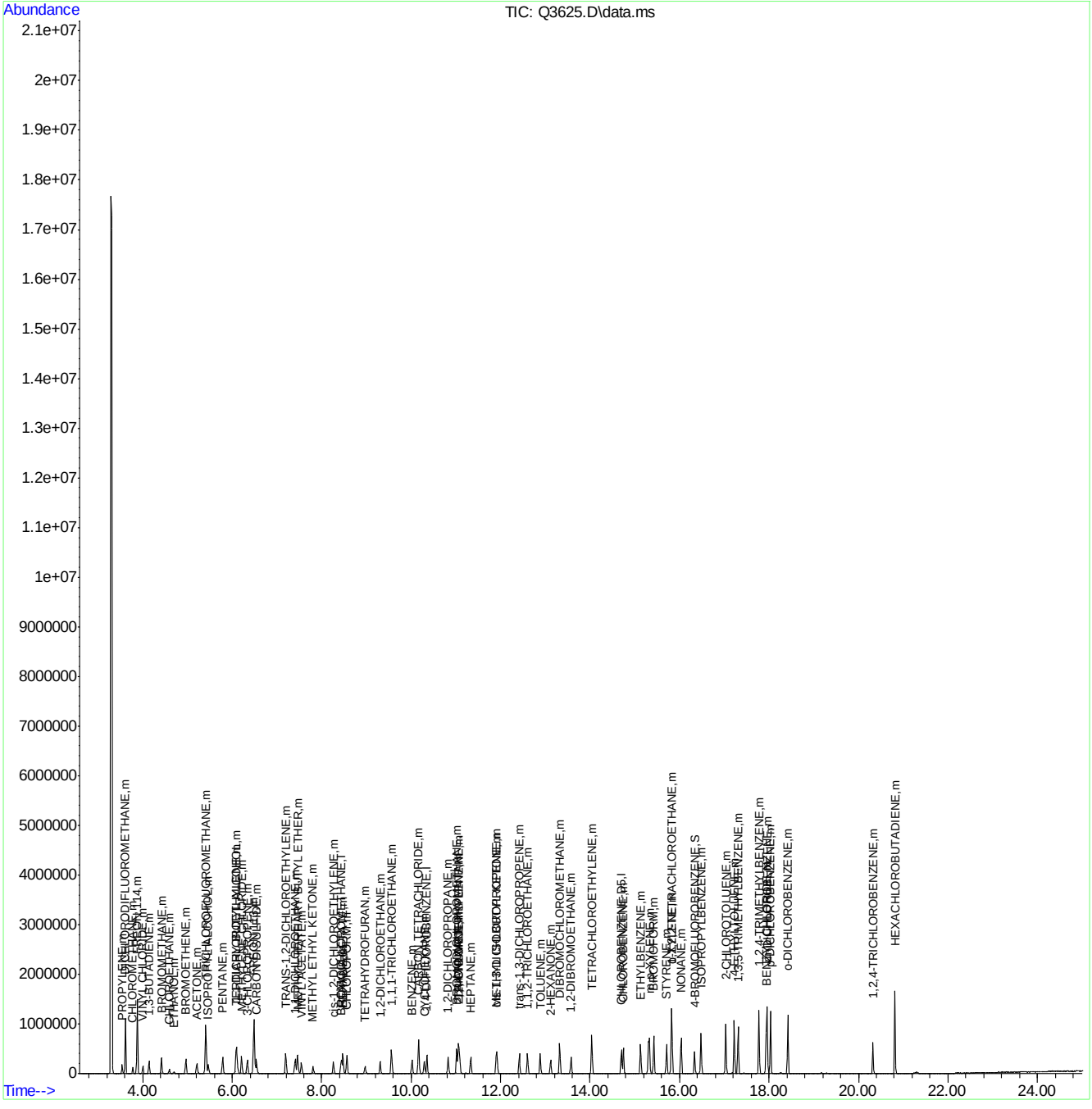
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.917	43	205855	8.09	PPBV	91
45) cis-1,3-DICHLOROPROPENE	11.899	75	128657	8.21	PPBV #	75
46) TOLUENE	12.882	92	126199	6.96	PPBV	97
47) trans-1,3-DICHLOROPROPENE	12.415	75	149850	7.49	PPBV #	99
48) 1,1,2-TRICHLOROETHANE	12.596	83	70618	7.06	PPBV	93
50) 2-HEXANONE	13.115	43	185047	8.19	PPBV	91
51) TETRACHLOROETHYLENE	14.039	164	117359	6.64	PPBV	97
52) DIBROMOCHLOROMETHANE	13.322	129	262884	7.89	PPBV	97
53) 1,2-DIBROMOETHANE	13.574	107	169701	8.05	PPBV	100
54) CHLOROBENZENE	14.742	112	191557	7.43	PPBV	91
55) ETHYLBENZENE	15.127	91	354084	8.09	PPBV	94
56) m,p-XYLENE	15.321	106	264069m	14.96	PPBV	
57) o-XYLENE	15.827	106	153484	7.05	PPBV	89
58) STYRENE	15.708	104	206409	7.45	PPBV	95
59) NONANE	16.032	43	262844	9.19	PPBV	91
60) BROMOFORM	15.424	173	283464	6.88	PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.818	83	243616	7.24	PPBV	97
63) ISOPROPYLBENZENE	16.480	105	454165	6.79	PPBV	95
64) 2-CHLOROTOLUENE	17.032	91	429120	8.59	PPBV	94
65) 4-ETHYLTOLUENE	17.223	105	534766	7.62	PPBV	95
66) 1,3,5-TRIMETHYLBENZENE	17.310	105	420886	6.32	PPBV	94
67) 1,2,4-TRIMETHYLBENZENE	17.773	105	561620	8.72	PPBV	96
68) m-DICHLOROBENZENE	17.958	146	393271	8.05	PPBV	98
69) BENZYL CHLORIDE	17.935	91	420622	8.55	PPBV	94
70) p-DICHLOROBENZENE	18.033	146	377608	7.82	PPBV	98
71) o-DICHLOROBENZENE	18.420	146	342149	6.93	PPBV	99
72) HEXACHLOROBUTADIENE	20.814	225	182311	5.99	PPBV	97
73) 1,2,4-TRICHLOROBENZENE	20.324	180	126669	8.36	PPBV	96

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3625.D
Acq On : 5 Jun 2007 5:14 pm
Operator : PhilipB
Sample : ICC197-10 (M109)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 2 Sample Multiplier: 1

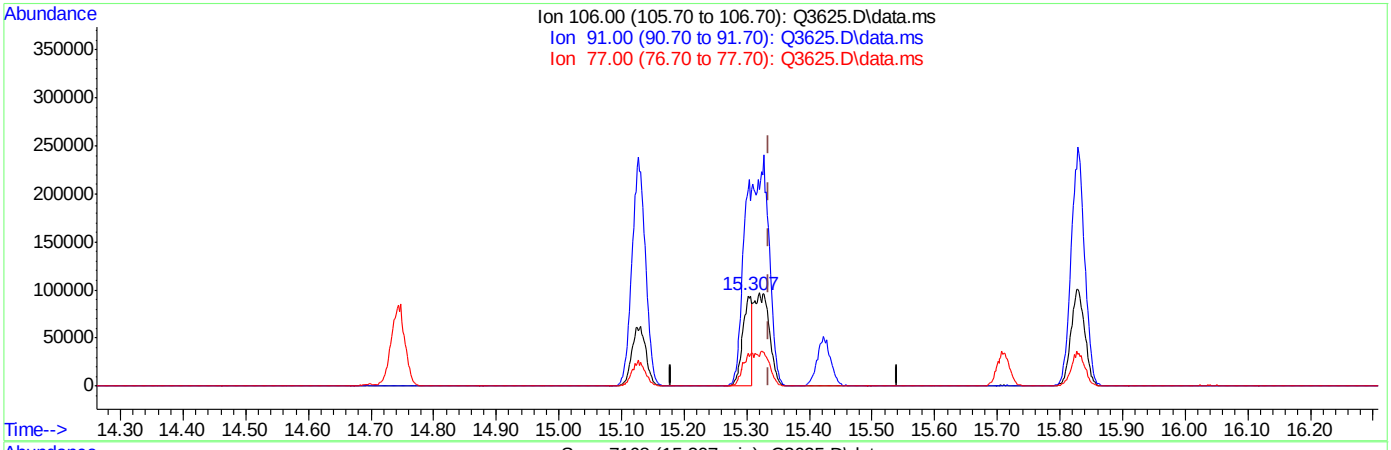
Quant Time: Jun 06 09:05:32 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 05 16:59:00 2007
Response via : Initial Calibration

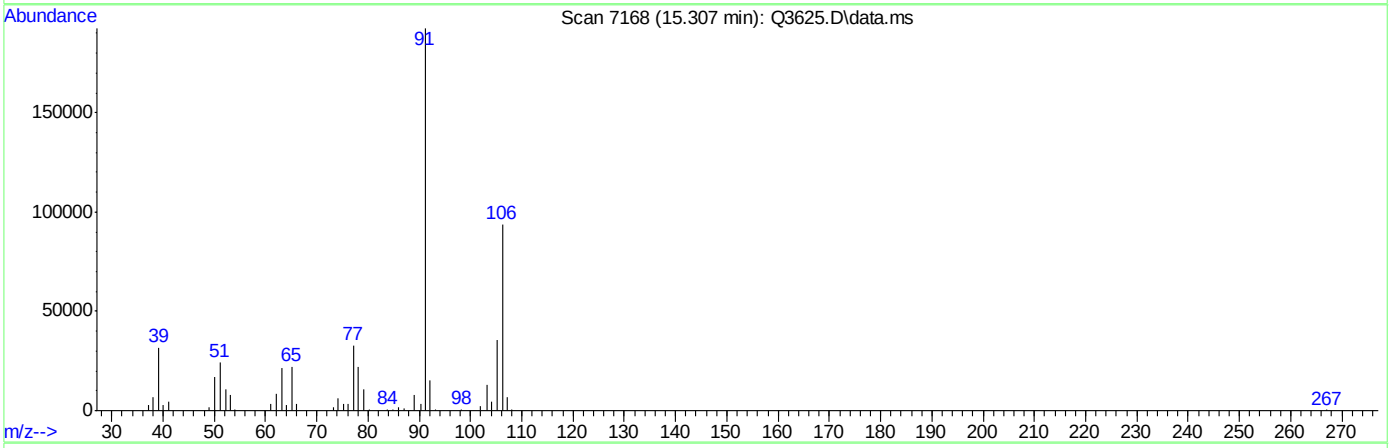


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3625.D
Acq On : 5 Jun 2007 5:14 pm
Operator : PhilipB
Sample : ICC197-10 (M109)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 06 09:04:57 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 05 16:59:00 2007
Response via : Initial Calibration





TIC: Q3625.D\data.ms

(56) m,p-XYLENE (m)

15.307min (-0.028) 5.47PPBV

response 96515

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	205.08
77.00	30.60	35.01
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 06/08/07 12:42

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3626.D
Acq On : 5 Jun 2007 5:58 pm
Operator : PhilipB
Sample : IC197-5 (M109)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 06 09:06:22 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:05:40 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.435	128	39678	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.353	114	168900	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.694	117	147506	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.336	95	82546	5.05	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 101.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.611	85	249829	4.52	PPBV	85
3) PROPYLENE	3.543	41	29336	5.72	PPBV	90
4) FREON 114	3.874	85	187909	4.21	PPBV #	100
5) CHLOROMETHANE	3.779	50	37655	5.08	PPBV	89
6) VINYL CHLORIDE	4.005	62	37241	4.18	PPBV	72
7) 1,3-BUTADIENE	4.140	39	41456	4.33	PPBV #	100
8) BROMOMETHANE	4.415	94	46167	3.84	PPBV #	100
9) CHLOROETHANE	4.587	64	17157	4.30	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.409	101	299011	4.55	PPBV #	100
11) ISOPROPYL ALCOHOL	5.464	45	87381	4.77	PPBV	90
12) ACETONE	5.206	43	99173	4.57	PPBV	83
13) PENTANE	5.781	42	47330	4.76	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.085	96	62830	5.16	PPBV #	17
15) CARBON DISULFIDE	6.541	76	166031	5.29	PPBV #	56
16) ETHANOL	4.695	45	10936	4.16	PPBV #	100
17) BROMOETHENE	4.965	106	48003	3.76	PPBV #	100
18) METHYLENE CHLORIDE	6.211	84	58942	5.78	PPBV #	1
19) 3-CHLOROPROPENE	6.339	39	74097	5.11	PPBV #	2
20) FREON 113	6.486	151	193202	5.14	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.196	96	69814	5.64	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.103	59	121500	5.06	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.462	73	172712	5.61	PPBV #	100
24) TETRAHYDROFURAN	8.972	42	32246	4.48	PPBV #	100
25) HEXANE	8.470	57	37627	4.79	PPBV #	100
26) VINYL ACETATE	7.544	43	146752	5.31	PPBV	83
27) 1,1-DICHLOROETHANE	7.402	63	122072	5.66	PPBV #	100
28) METHYL ETHYL KETONE	7.805	43	78671	4.95	PPBV	92
29) cis-1,2-DICHLOROETHYLENE	8.261	96	28401	4.69	PPBV #	100
30) ETHYL ACETATE	8.474	43	123678	4.70	PPBV	100
31) CHLOROFORM	8.562	83	105289	4.89	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.558	97	131345	4.89	PPBV	91
33) CARBON TETRACHLORIDE	10.165	117	162926	4.75	PPBV	96
34) 1,2-DICHLOROETHANE	9.306	62	93843	5.07	PPBV	97
36) BENZENE	10.020	78	74756	4.50	PPBV	93
37) CYCLOHEXANE	10.295	84	23805	4.19	PPBV #	64
38) TRICHLOROETHYLENE	11.060	95	53956	4.31	PPBV #	85
39) 1,2-DICHLOROPROPANE	10.827	63	31226	4.70	PPBV	93
40) BROMODICHLOROMETHANE	11.019	83	112382	4.56	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.083	57	125471	4.56	PPBV	98
42) 1,4-DIOXANE	11.049	88	13882	4.03	PPBV #	36
43) HEPTANE	11.329	43	52176	4.36	PPBV	83

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3626.D
Acq On : 5 Jun 2007 5:58 pm
Operator : PhilipB
Sample : IC197-5 (M109)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 06 09:06:22 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:05:40 2007
Response via : Initial Calibration

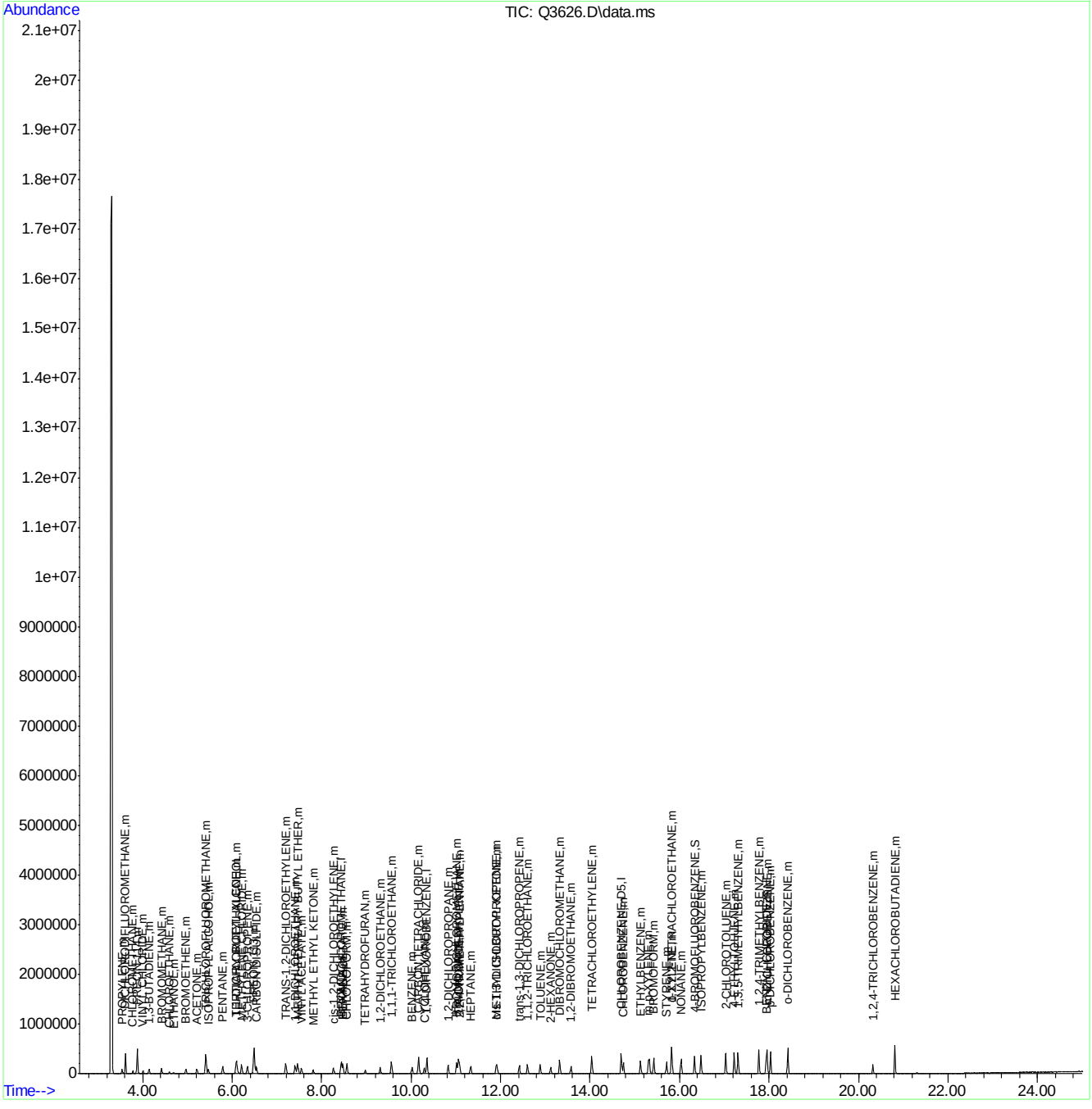
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.920	43	86898	4.28	PPBV	89
45) cis-1,3-DICHLOROPROPENE	11.899	75	53015	4.22	PPBV #	65
46) TOLUENE	12.882	92	55920	4.03	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.416	75	64074	4.10	PPBV #	97
48) 1,1,2-TRICHLOROETHANE	12.600	83	33212	4.32	PPBV	92
50) 2-HEXANONE	13.117	43	78802	4.55	PPBV	88
51) TETRACHLOROETHYLENE	14.032	164	51182	4.00	PPBV	97
52) DIBROMOCHLOROMETHANE	13.317	129	112093	4.43	PPBV	98
53) 1,2-DIBROMOETHANE	13.573	107	70591	4.39	PPBV	99
54) CHLOROBENZENE	14.744	112	81562	4.24	PPBV	91
55) ETHYLBENZENE	15.129	91	142553	4.26	PPBV	94
56) m,p-XYLENE	15.301	106	100745m	7.63	PPBV	
57) o-XYLENE	15.827	106	59052	3.69	PPBV #	84
58) STYRENE	15.706	104	77874	3.76	PPBV	93
59) NONANE	16.032	43	99457	4.38	PPBV	89
60) BROMOFORM	15.424	173	117336	3.89	PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.818	83	95679	3.84	PPBV	97
63) ISOPROPYLBENZENE	16.482	105	197339	4.05	PPBV	94
64) 2-CHLOROTOLUENE	17.032	91	167711	4.32	PPBV	91
65) 4-ETHYLTOLUENE	17.223	105	203010	3.85	PPBV	93
66) 1,3,5-TRIMETHYLBENZENE	17.305	105	183412	3.84	PPBV	91
67) 1,2,4-TRIMETHYLBENZENE	17.774	105	205482	4.08	PPBV	91
68) m-DICHLOROBENZENE	17.956	146	129197	3.46	PPBV	99
69) BENZYL CHLORIDE	17.932	91	140813	3.69	PPBV	92
70) p-DICHLOROBENZENE	18.033	146	127291	3.48	PPBV	98
71) o-DICHLOROBENZENE	18.421	146	147598	4.08	PPBV	97
72) HEXACHLOROBUTADIENE	20.814	225	63862	2.97	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.324	180	34930	2.99	PPBV	96

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3626.D
Acq On : 5 Jun 2007 5:58 pm
Operator : PhilipB
Sample : IC197-5 (M109)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 06 09:06:22 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:05:40 2007
Response via : Initial Calibration

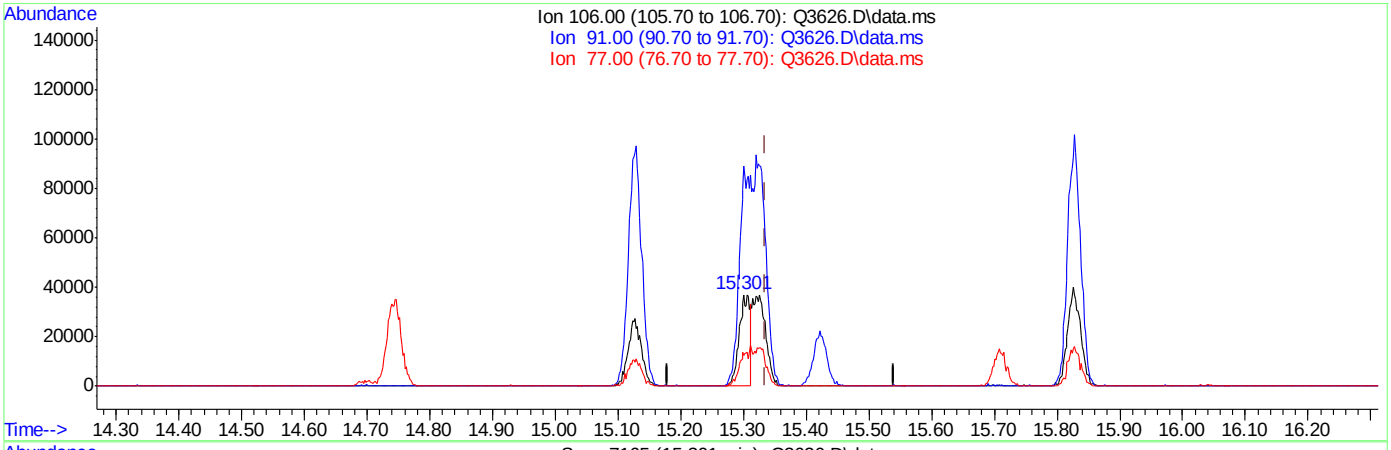


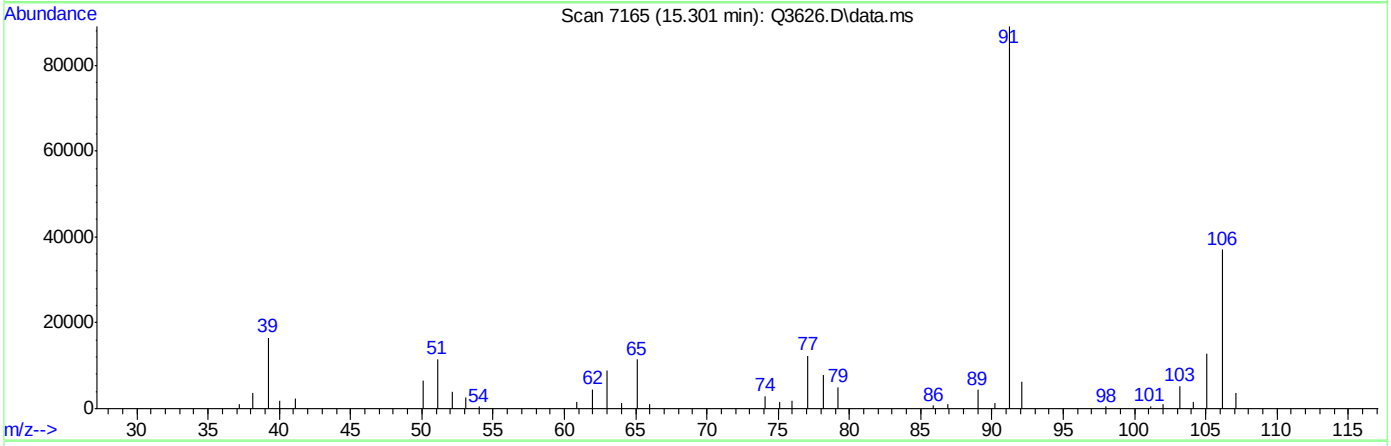
ACCUTEST Laboratories M66023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3626.D
Acq On : 5 Jun 2007 5:58 pm
Operator : PhilipB
Sample : IC197-5 (M109)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 06 09:05:44 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:05:40 2007
Response via : Initial Calibration





(56) m,p-XYLENE (m)

15.301min (-0.034) 3.49PPBV

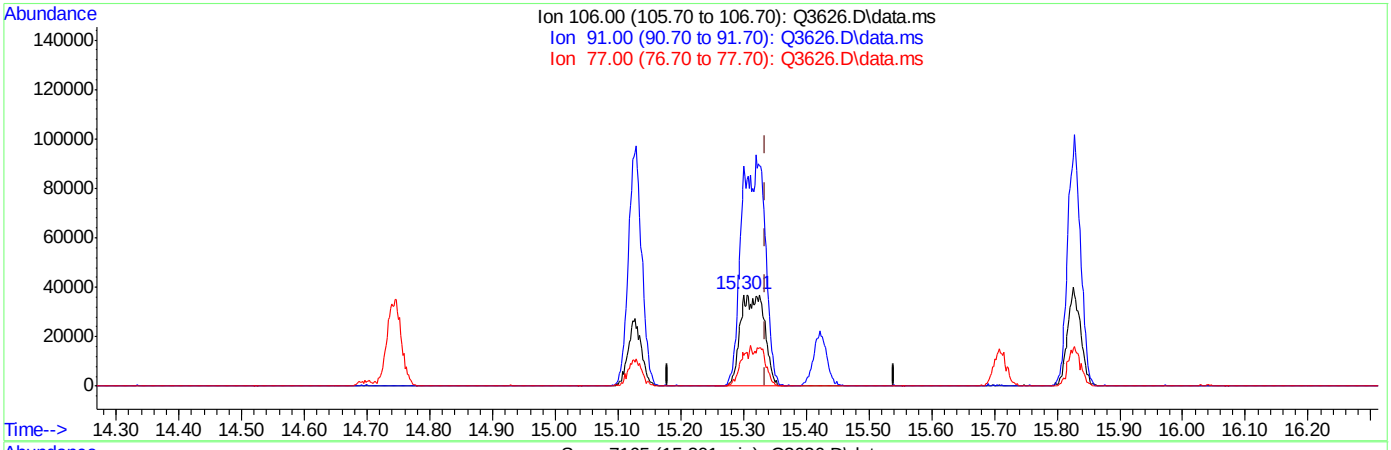
response 46067

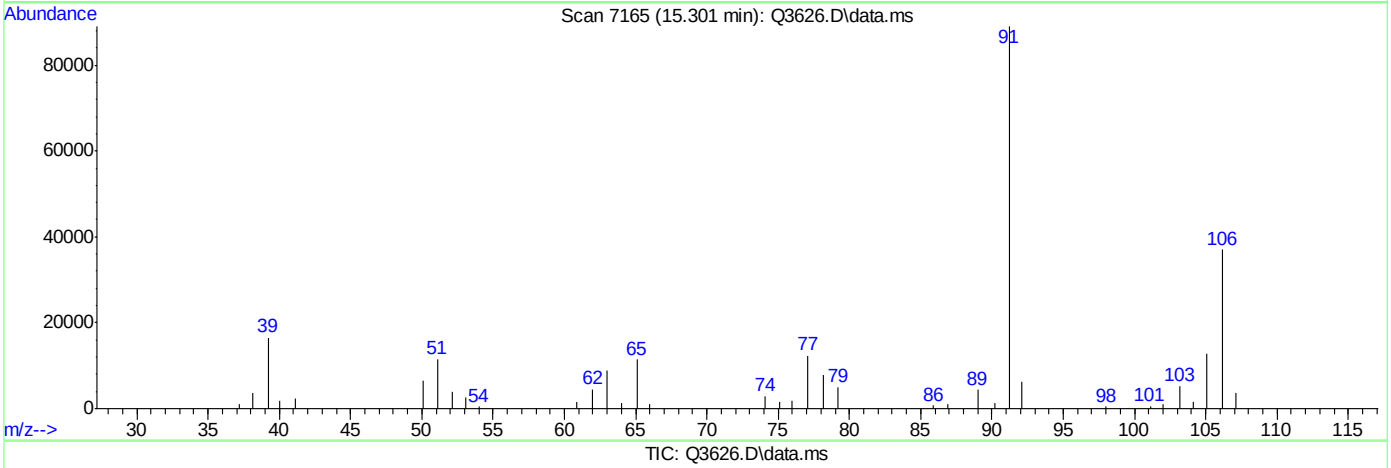
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	240.79
77.00	30.60	33.41
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3626.D
Acq On : 5 Jun 2007 5:58 pm
Operator : PhilipB
Sample : IC197-5 (M109)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 06 09:05:44 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:05:40 2007
Response via : Initial Calibration





TIC: Q3626.D\data.ms

(56) m,p-XYLENE (m)

15.301min (-0.034) 7.63PPBV m

response 100745

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	240.79
77.00	30.60	33.41
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 06/08/07 12:42

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3627.D
Acq On : 5 Jun 2007 6:41 pm
Operator : PhilipB
Sample : IC197-2 (M109)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 06 09:07:07 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:06:31 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.435	128	46804	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.350	114	196316	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.698	117	164393	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.331	95	83185	4.55	PPBV	-0.01
Spiked Amount 5.000	Range 57 - 139		Recovery = 91.00%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.609	85	97258	1.53	PPBV	86
3) PROPYLENE	3.538	41	10742	1.71	PPBV	96
4) FREON 114	3.874	85	74867	1.48	PPBV #	100
5) CHLOROMETHANE	3.778	50	15448	1.76	PPBV	96
6) VINYL CHLORIDE	4.001	62	16693	1.66	PPBV	73
7) 1,3-BUTADIENE	4.134	39	18453	1.69	PPBV #	100
8) BROMOMETHANE	4.415	94	19510	1.46	PPBV #	100
9) CHLOROETHANE	4.592	64	7474	1.65	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.409	101	137557	1.82	PPBV #	100
11) ISOPROPYL ALCOHOL	5.458	45	37403	1.75	PPBV	97
12) ACETONE	5.210	43	45936	1.83	PPBV	83
13) PENTANE	5.790	42	22848	1.97	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.087	96	27060	1.87	PPBV #	15
15) CARBON DISULFIDE	6.539	76	74341	1.98	PPBV #	53
16) ETHANOL	4.688	45	5147	1.73	PPBV #	100
17) BROMOETHENE	4.965	106	22193	1.57	PPBV #	100
18) METHYLENE CHLORIDE	6.211	84	26899	2.15	PPBV #	1
19) 3-CHLOROPROPENE	6.337	39	34949	2.03	PPBV #	5
20) FREON 113	6.486	151	87133	1.95	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.194	96	31394	2.08	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.112	59	53061	1.87	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.464	73	42906	1.15	PPBV #	100
24) TETRAHYDROFURAN	8.969	42	13531	1.64	PPBV #	100
25) HEXANE	8.467	57	16298	1.78	PPBV #	100
26) VINYL ACETATE	7.542	43	39434	1.19	PPBV	79
27) 1,1-DICHLOROETHANE	7.404	63	32978	1.25	PPBV #	100
28) METHYL ETHYL KETONE	7.810	43	34061	1.82	PPBV	92
29) cis-1,2-DICHLOROETHYLENE	8.257	96	12572	1.79	PPBV #	100
30) ETHYL ACETATE	8.468	43	53998	1.77	PPBV #	100
31) CHLOROFORM	8.559	83	49885	1.98	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.556	97	59181	1.88	PPBV	92
33) CARBON TETRACHLORIDE	10.167	117	71956	1.80	PPBV	98
34) 1,2-DICHLOROETHANE	9.304	62	41629	1.90	PPBV	98
36) BENZENE	10.020	78	32689	1.74	PPBV	94
37) CYCLOHEXANE	10.289	84	11172	1.76	PPBV #	77
38) TRICHLOROETHYLENE	11.056	95	23784	1.69	PPBV	86
39) 1,2-DICHLOROPROPANE	10.824	63	13645	1.79	PPBV	94
40) BROMODICHLOROMETHANE	11.015	83	49389	1.76	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.074	57	53484	1.71	PPBV	94
42) 1,4-DIOXANE	11.056	88	5980m	1.57	PPBV	
43) HEPTANE	11.329	43	22315	1.66	PPBV	86

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3627.D
Acq On : 5 Jun 2007 6:41 pm
Operator : PhilipB
Sample : IC197-2 (M109)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 06 09:07:07 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:06:31 2007
Response via : Initial Calibration

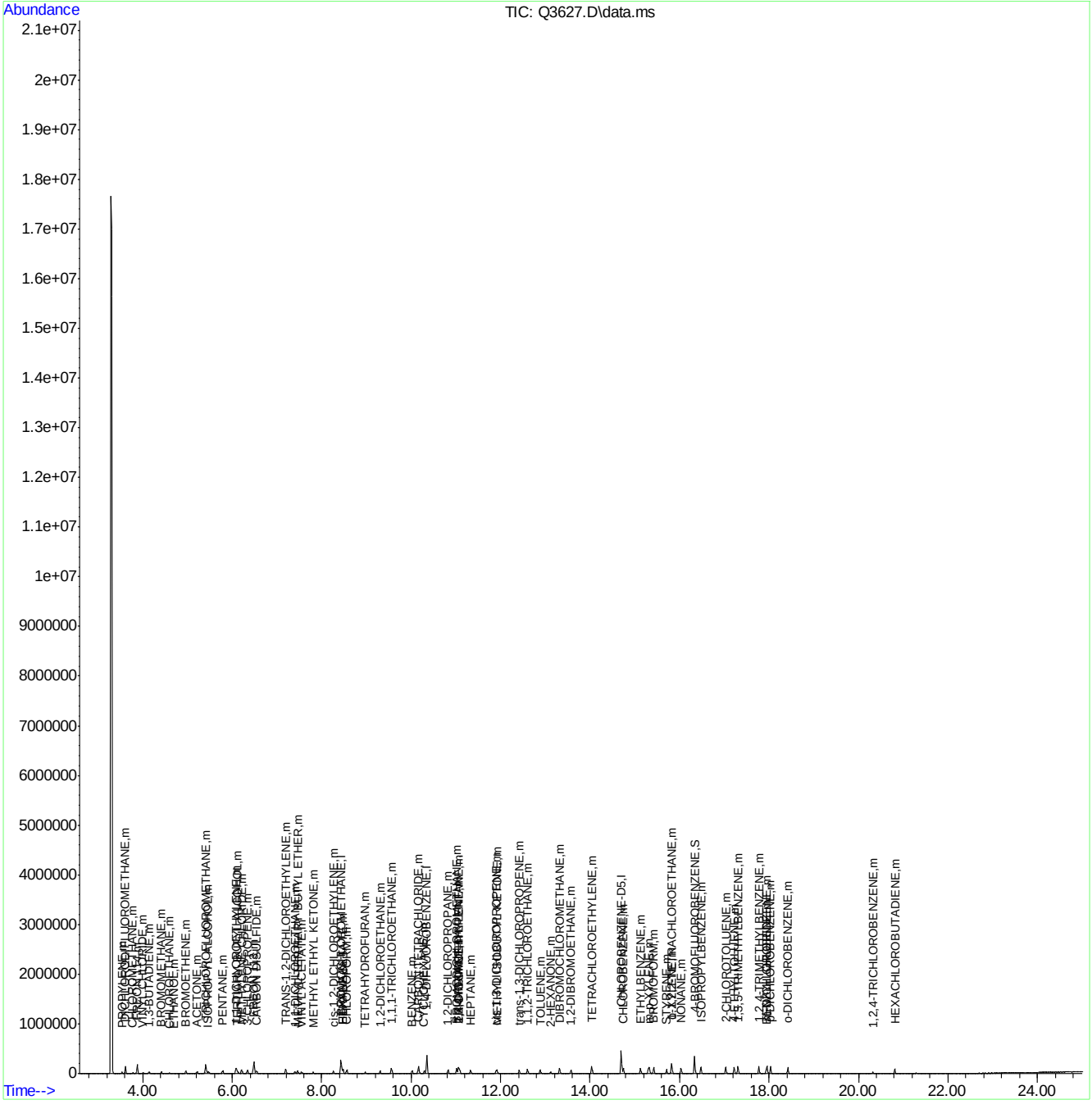
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.920	43	35839	1.58	PPBV	90
45) cis-1,3-DICHLOROPROPENE	11.897	75	21357	1.52	PPBV #	62
46) TOLUENE	12.879	92	23498	1.53	PPBV	91
47) trans-1,3-DICHLOROPROPENE	12.414	75	24125	1.39	PPBV #	100
48) 1,1,2-TRICHLOROETHANE	12.598	83	15407	1.79	PPBV	91
50) 2-HEXANONE	13.117	43	30002	1.59	PPBV	84
51) TETRACHLOROETHYLENE	14.038	164	21975	1.62	PPBV	98
52) DIBROMOCHLOROMETHANE	13.319	129	47653	1.74	PPBV	97
53) 1,2-DIBROMOETHANE	13.571	107	29325	1.69	PPBV #	5
54) CHLOROBENZENE	14.740	112	34602	1.68	PPBV	90
55) ETHYLBENZENE	15.126	91	57970	1.62	PPBV	93
56) m,p-XYLENE	15.307	106	42761m	3.09	PPBV	
57) o-XYLENE	15.825	106	21090	1.26	PPBV #	79
58) STYRENE	15.710	104	28909	1.34	PPBV	92
59) NONANE	16.033	43	36877	1.50	PPBV	87
60) BROMOFORM	15.420	173	46514	1.47	PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.821	83	35099	1.34	PPBV	97
63) ISOPROPYLBENZENE	16.478	105	71611	1.38	PPBV	93
64) 2-CHLOROTOLUENE	17.032	91	50618	1.21	PPBV	89
65) 4-ETHYLTOLUENE	17.220	105	63843	1.15	PPBV	95
66) 1,3,5-TRIMETHYLBENZENE	17.309	105	62646	1.25	PPBV	92
67) 1,2,4-TRIMETHYLBENZENE	17.774	105	57402	1.07	PPBV	91
68) m-DICHLOROBENZENE	17.956	146	41131	1.07	PPBV	96
69) BENZYL CHLORIDE	17.932	91	34236	0.86	PPBV	88
70) p-DICHLOROBENZENE	18.029	146	39885	1.06	PPBV	94
71) o-DICHLOROBENZENE	18.420	146	32246	0.84	PPBV	96
72) HEXACHLOROBUTADIENE	20.812	225	10613	0.49	PPBV	96
73) 1,2,4-TRICHLOROBENZENE	20.329	180	7623	0.65	PPBV	96

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3627.D
Acq On : 5 Jun 2007 6:41 pm
Operator : PhilipB
Sample : IC197-2 (M109)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 2 Sample Multiplier: 1

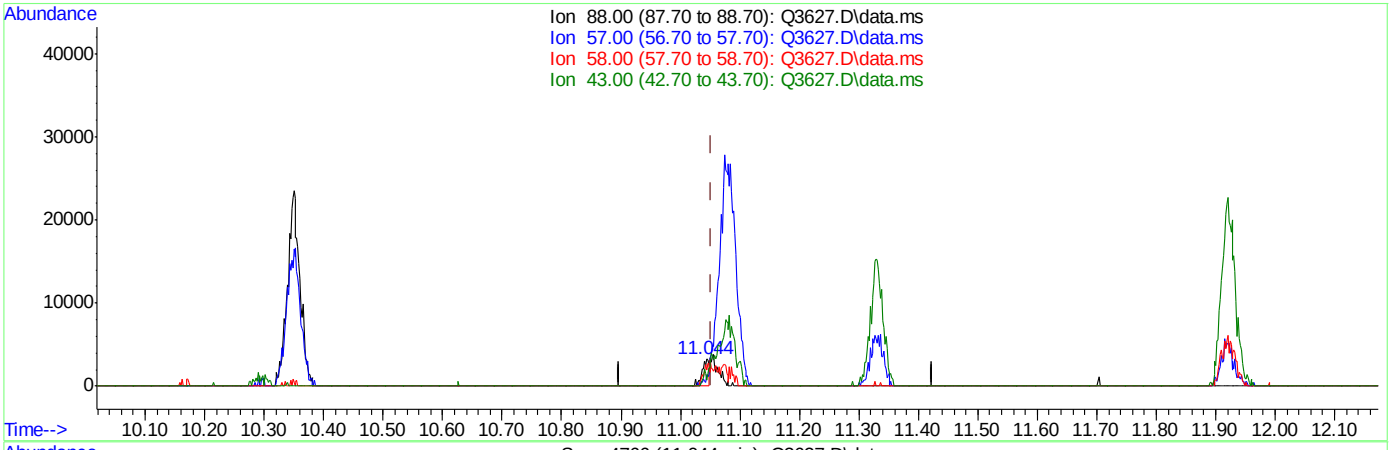
Quant Time: Jun 06 09:07:07 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:06:31 2007
Response via : Initial Calibration

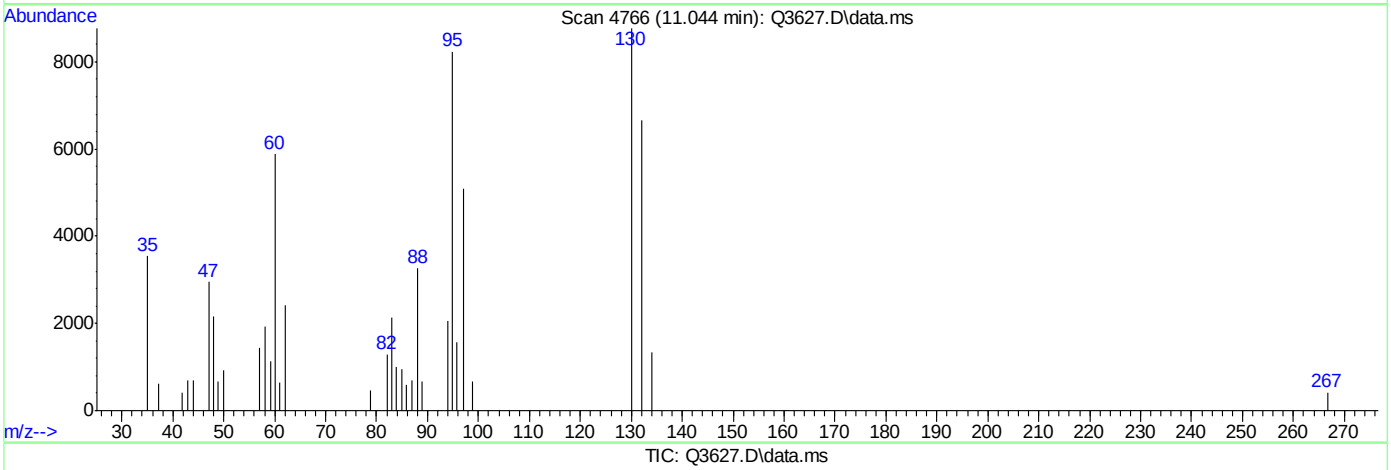


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3627.D
Acq On : 5 Jun 2007 6:41 pm
Operator : PhilipB
Sample : IC197-2 (M109)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 06 09:06:34 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:06:31 2007
Response via : Initial Calibration





TIC: Q3627.D\data.ms

(42) 1,4-DIOXANE (m)

11.044min (-0.009) 0.63PPBV

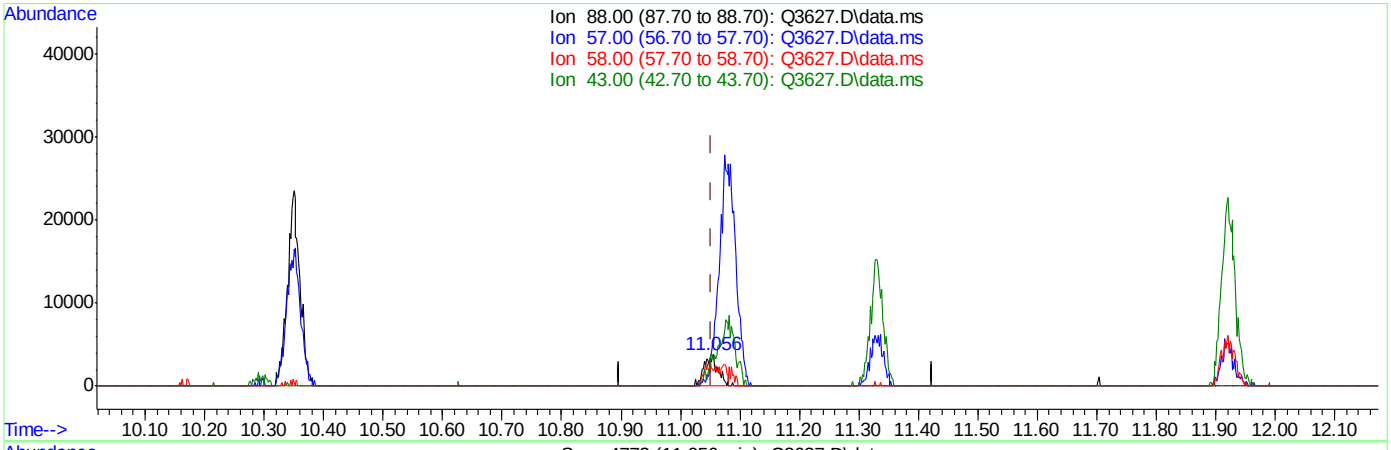
response 2385

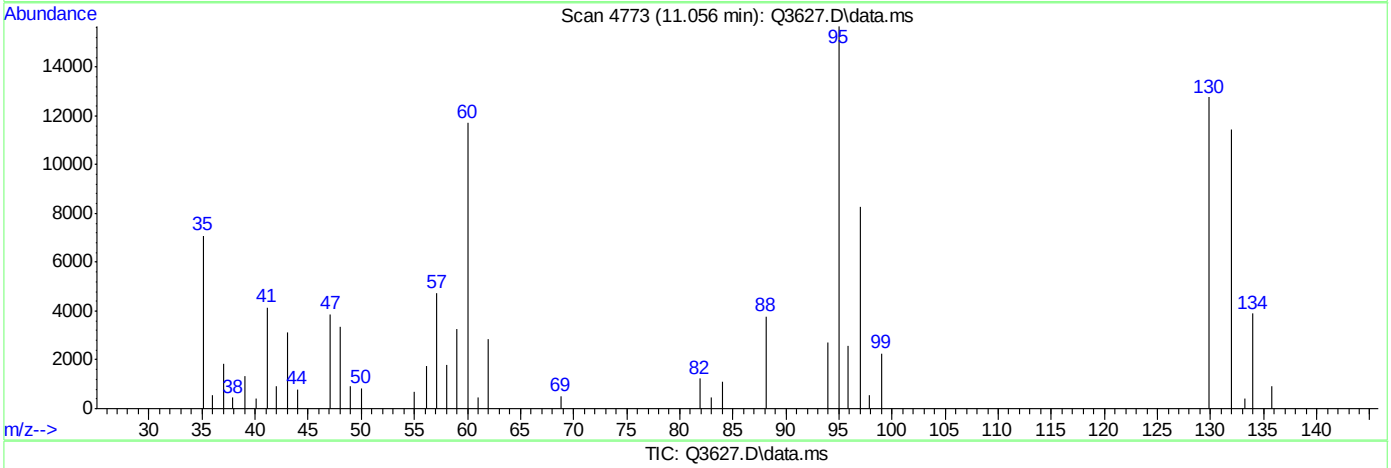
Ion	Exp%	Act%
88.00	100	100
57.00	23.90	44.25#
58.00	54.80	59.11
43.00	32.10	21.48

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3627.D
Acq On : 5 Jun 2007 6:41 pm
Operator : PhilipB
Sample : IC197-2 (M109)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 06 09:06:34 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:06:31 2007
Response via : Initial Calibration





TIC: Q3627.D\data.ms

(42) 1,4-DIOXANE (m)

11.056min (+0.004) 1.57PPBV m

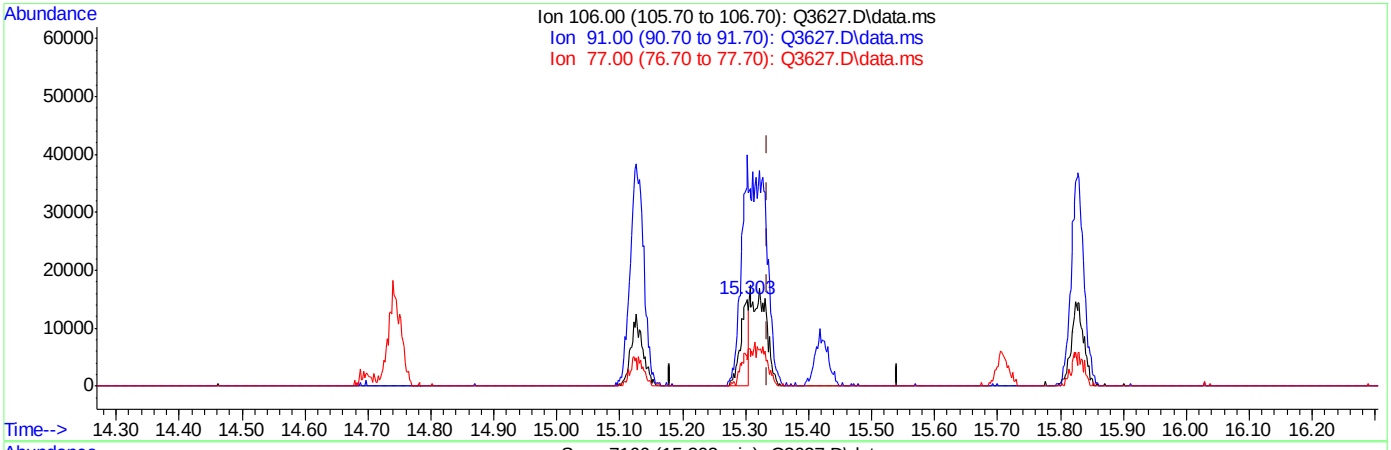
response 5980

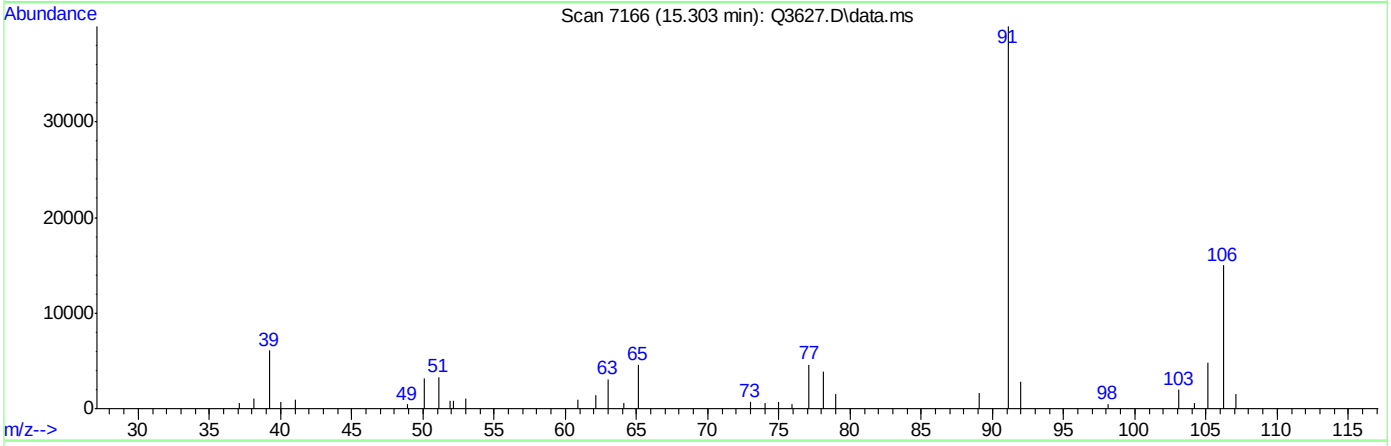
Ion	Exp%	Act%
88.00	100	100
57.00	23.90	126.17#
58.00	54.80	47.31
43.00	32.10	83.44#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3627.D
Acq On : 5 Jun 2007 6:41 pm
Operator : PhilipB
Sample : IC197-2 (M109)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 06 09:06:34 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:06:31 2007
Response via : Initial Calibration





TIC: Q3627.D\data.ms

(56) m,p-XYLENE (m)

15.303min (-0.032) 1.02PPBV

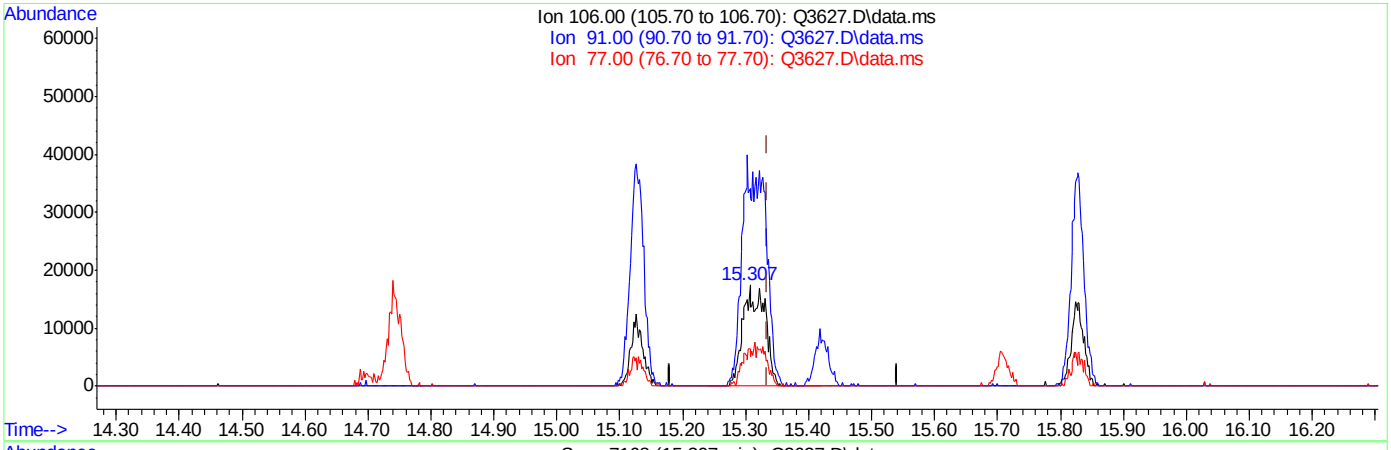
response 14153

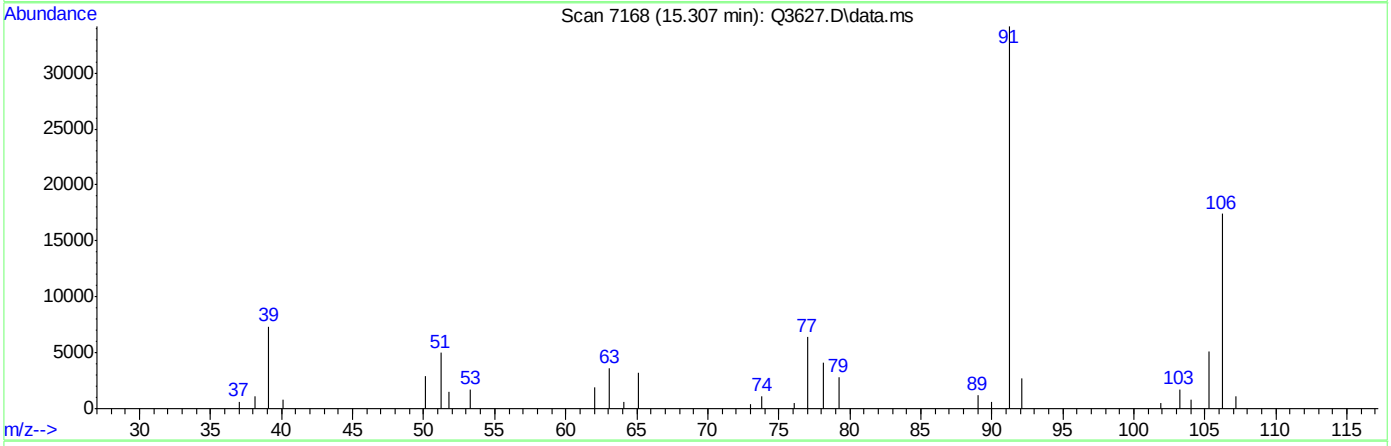
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	266.92#
77.00	30.60	30.80
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3627.D
Acq On : 5 Jun 2007 6:41 pm
Operator : PhilipB
Sample : IC197-2 (M109)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 06 09:06:34 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:06:31 2007
Response via : Initial Calibration





TIC: Q3627.D\data.ms

(56) m,p-XYLENE (m)

15.307min (-0.028) 3.09PPBV m

response 42761

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	196.01
77.00	30.60	36.56
0.00	0.00	0.00

Q3628.D

Manual Integrations APPROVED (compounds with "m" flag)

Doug Yargeau 06/08/07 12:42

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3628.D
Acq On : 5 Jun 2007 7:25 pm
Operator : PhilipB
Sample : IC197-.5 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:09:36 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:07:28 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.427	128	48570	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.349	114	205818	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.694	117	169653	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.332	95	80167	4.32	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 86.40%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.612	85	19931	0.32	PPBV	88
3) PROPYLENE	3.543	41	2167	0.34	PPBV #	63
4) FREON 114	3.875	85	14464	0.29	PPBV #	100
5) CHLOROMETHANE	3.776	50	3114	0.35	PPBV	90
6) VINYL CHLORIDE	4.005	62	2983	0.30	PPBV #	66
7) 1,3-BUTADIENE	4.143	39	4183	0.38	PPBV #	100
8) BROMOMETHANE	4.411	94	4360	0.33	PPBV #	100
9) CHLOROETHANE	4.592	64	1413	0.31	PPBV	100
10) TRICHLOROFLUOROMETHANE	5.407	101	28292	0.37	PPBV #	100
11) ISOPROPYL ALCOHOL	5.469	45	9716	0.45	PPBV	77
12) ACETONE	5.222	43	12839	0.50	PPBV	82
13) PENTANE	5.783	42	5289	0.44	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.086	96	5947	0.40	PPBV #	50
15) CARBON DISULFIDE	6.543	76	14260	0.37	PPBV #	99
16) ETHANOL	4.691	45	1304	0.43	PPBV #	100
17) BROMOETHENE	4.960	106	5061	0.36	PPBV #	100
18) METHYLENE CHLORIDE	6.209	84	11712	0.89	PPBV #	1
19) 3-CHLOROPROPENE	6.340	39	8221	0.46	PPBV #	49
20) FREON 113	6.486	151	18599	0.40	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.192	96	5849	0.37	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.117	59	11896	0.41	PPBV	100
23) METHYL TERTIARY BUTYL ...	7.467	73	17070	0.48	PPBV #	100
24) TETRAHYDROFURAN	8.978	42	2113	0.26	PPBV #	100
25) HEXANE	8.470	57	3764	0.40	PPBV #	100
26) VINYL ACETATE	7.547	43	14095	0.45	PPBV	84
27) 1,1-DICHLOROETHANE	7.402	63	11516	0.46	PPBV #	100
28) METHYL ETHYL KETONE	7.813	43	7191	0.38	PPBV	80
29) cis-1,2-DICHLOROETHYLENE	8.266	96	2371	0.33	PPBV #	100
30) ETHYL ACETATE	8.479	43	11395	0.37	PPBV #	100
31) CHLOROFORM	8.561	83	11489	0.44	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.554	97	12355	0.38	PPBV	94
33) CARBON TETRACHLORIDE	10.165	117	15791	0.39	PPBV	92
34) 1,2-DICHLOROETHANE	9.306	62	8218	0.37	PPBV #	95
36) BENZENE	10.018	78	6825	0.36	PPBV	90
37) CYCLOHEXANE	10.294	84	1944	0.30	PPBV #	69
38) TRICHLOROETHYLENE	11.052	95	4440	0.31	PPBV #	85
39) 1,2-DICHLOROPROPANE	10.827	63	3012m	0.39	PPBV	
40) BROMODICHLOROMETHANE	11.017	83	10688	0.37	PPBV	96
41) 2,2,4-TRIMETHYLPENTANE	11.075	57	11905	0.37	PPBV	96
42) 1,4-DIOXANE	11.065	88	813m	0.21	PPBV	
43) HEPTANE	11.333	43	5173m	0.38	PPBV	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3628.D
Acq On : 5 Jun 2007 7:25 pm
Operator : PhilipB
Sample : IC197-.5 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:09:36 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:07:28 2007
Response via : Initial Calibration

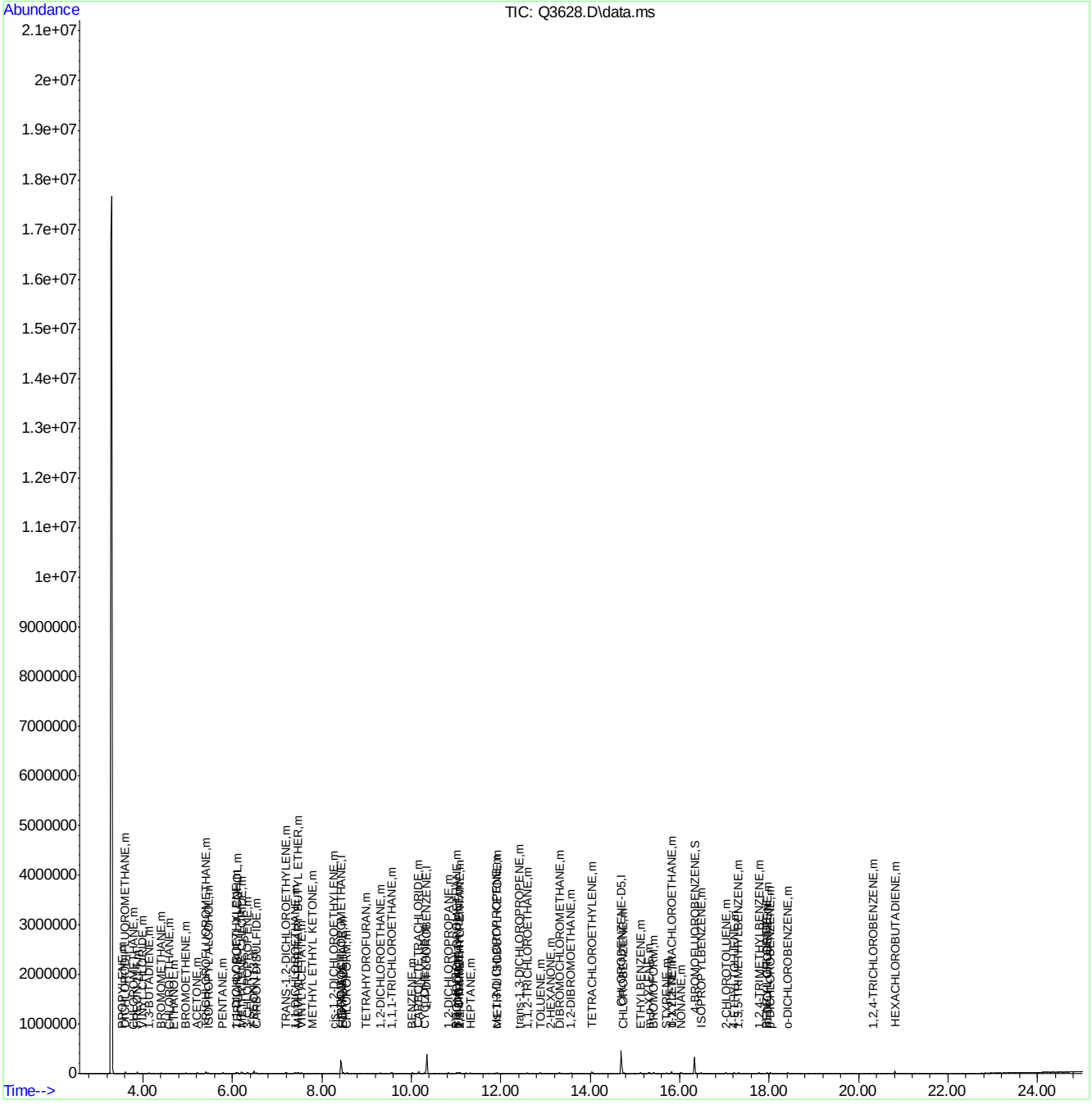
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.934	43	6096	0.27 PPBV #	78
45) cis-1,3-DICHLOROPROPENE	11.904	75	3864	0.28 PPBV	90
46) TOLUENE	12.877	92	4264	0.28 PPBV	94
47) trans-1,3-DICHLOROPROPENE	12.415	75	3420	0.20 PPBV #	90
48) 1,1,2-TRICHLOROETHANE	12.596	83	2902	0.33 PPBV #	86
50) 2-HEXANONE	13.127	43	4754	0.25 PPBV #	65
51) TETRACHLOROETHYLENE	14.032	164	4875	0.36 PPBV #	46
52) DIBROMOCHLOROMETHANE	13.319	129	9635	0.35 PPBV	85
53) 1,2-DIBROMOETHANE	13.569	107	5993	0.34 PPBV #	87
54) CHLOROBENZENE	14.737	112	6922	0.34 PPBV #	80
55) ETHYLBENZENE	15.127	91	9570	0.27 PPBV	95
56) m,p-XYLENE	15.326	106	7287m	0.53 PPBV	
57) o-XYLENE	15.828	106	3799m	0.24 PPBV	
58) STYRENE	15.704	104	3838m	0.18 PPBV	
59) NONANE	16.031	43	6089	0.25 PPBV #	68
60) BROMOFORM	15.422	173	8066	0.26 PPBV #	69
62) 1,1,2,2-TETRACHLOROETHANE	15.814	83	7102	0.28 PPBV	95
63) ISOPROPYLBENZENE	16.480	105	12544	0.25 PPBV	89
64) 2-CHLOROTOLUENE	17.024	91	8504m	0.21 PPBV	
65) 4-ETHYLTOLUENE	17.225	105	9539	0.18 PPBV	86
66) 1,3,5-TRIMETHYLBENZENE	17.310	105	10284	0.22 PPBV #	59
67) 1,2,4-TRIMETHYLBENZENE	17.777	105	8460	0.17 PPBV #	62
68) m-DICHLOROBENZENE	17.956	146	6541	0.18 PPBV	81
69) BENZYL CHLORIDE	17.935	91	5508	0.15 PPBV	94
70) p-DICHLOROBENZENE	18.029	146	5805	0.16 PPBV	99
71) o-DICHLOROBENZENE	18.416	146	5637	0.16 PPBV	93
72) HEXACHLOROBUTADIENE	20.821	225	4892	0.26 PPBV	90
73) 1,2,4-TRICHLOROBENZENE	20.325	180	1665m	0.16 PPBV	

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3628.D
Acq On : 5 Jun 2007 7:25 pm
Operator : PhilipB
Sample : IC197-.5 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:09:36 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:07:28 2007
Response via : Initial Calibration

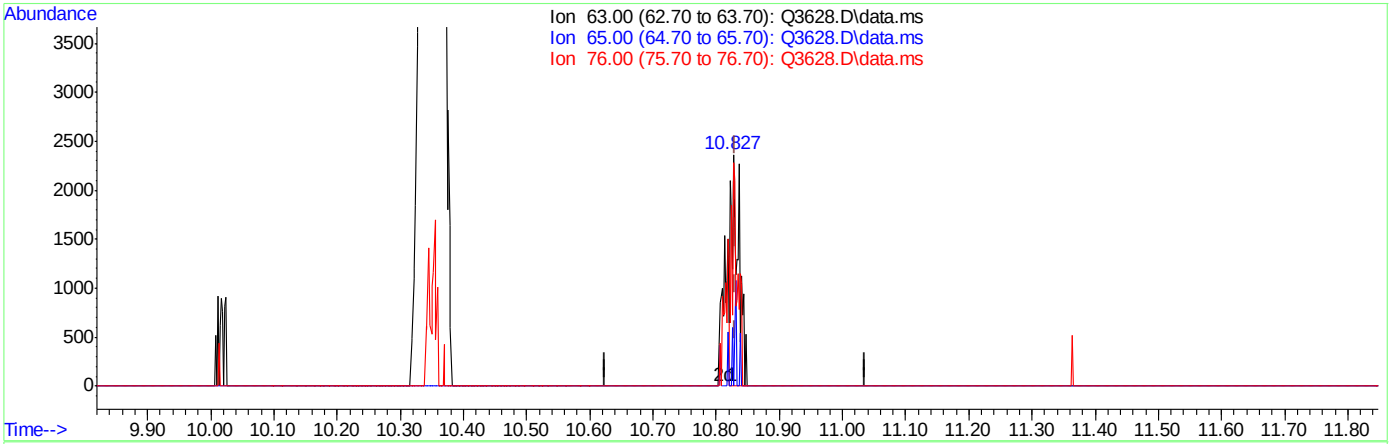


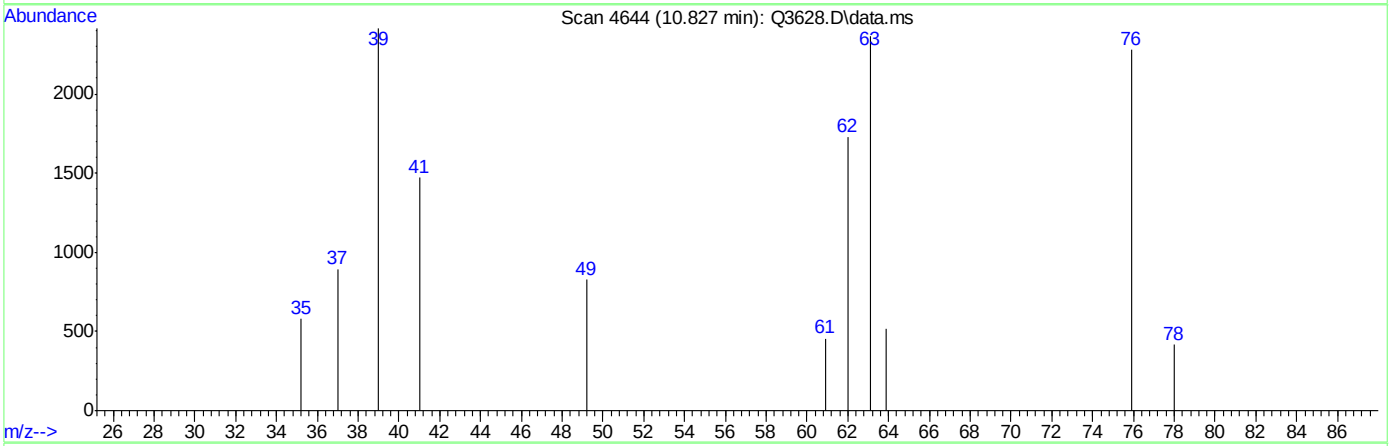
Q053007T.m Wed Jun 06 09:09:40 2007 RPT1 Page: 3

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3628.D
Acq On : 5 Jun 2007 7:25 pm
Operator : PhilipB
Sample : IC197-.5 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:07:39 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:07:28 2007
Response via : Initial Calibration





TIC: Q3628.D\data.ms

(39) 1,2-DICHLOROPROPANE (m)

10.827min (-0.004) 0.26PPBV

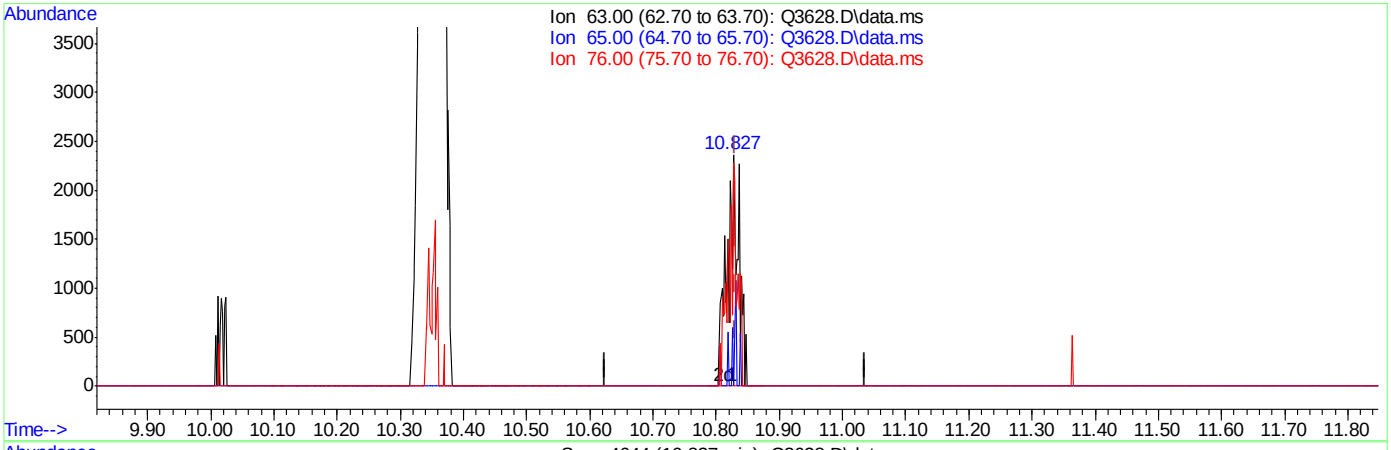
response 1996

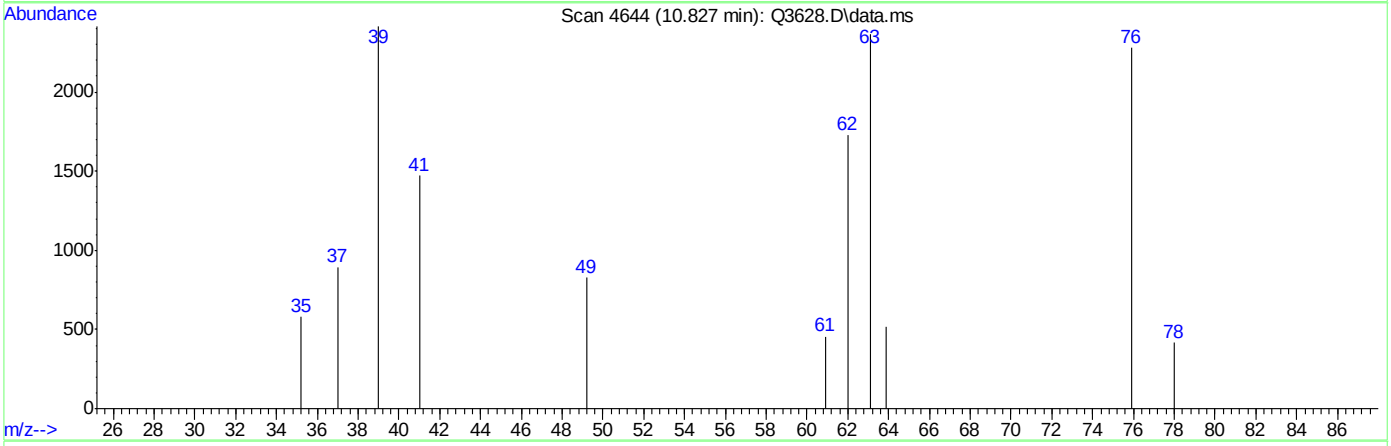
Ion	Exp%	Act%
63.00	100	100
65.00	30.30	14.73
76.00	92.00	110.67
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3628.D
Acq On : 5 Jun 2007 7:25 pm
Operator : PhilipB
Sample : IC197-.5 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:07:39 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:07:28 2007
Response via : Initial Calibration





TIC: Q3628.D\data.ms

(39) 1,2-DICHLOROPROPANE (m)

10.827min (-0.004) 0.39PPBV m

response 3012

Ion	Exp%	Act%
63.00	100	100
65.00	30.30	9.76#
76.00	92.00	73.34
0.00	0.00	0.00

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Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3628.D
Acq On : 5 Jun 2007 7:25 pm
Operator : PhilipB
Sample : IC197-.5 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:07:39 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
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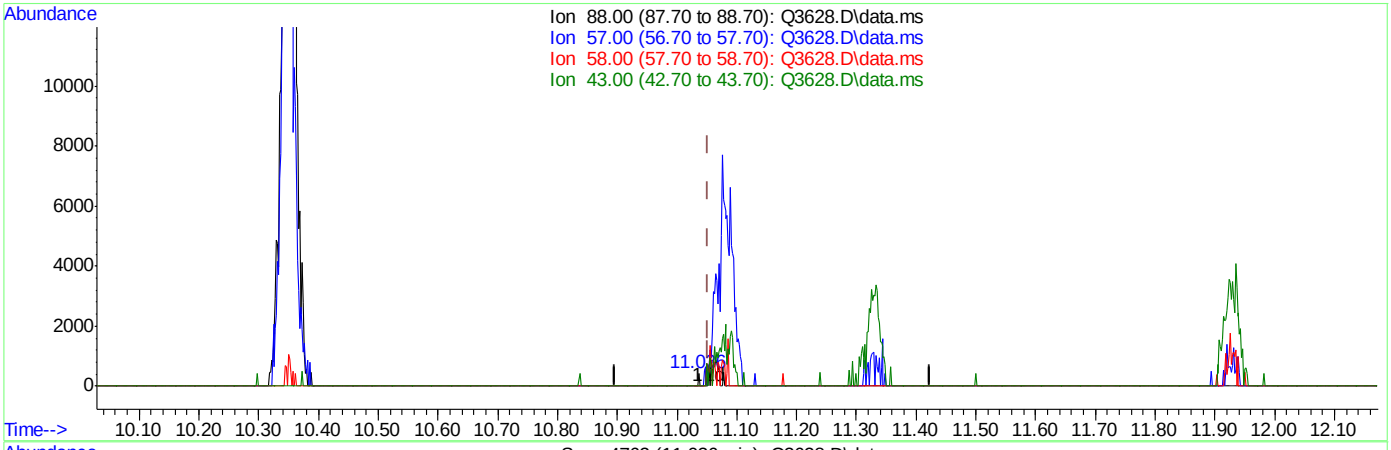
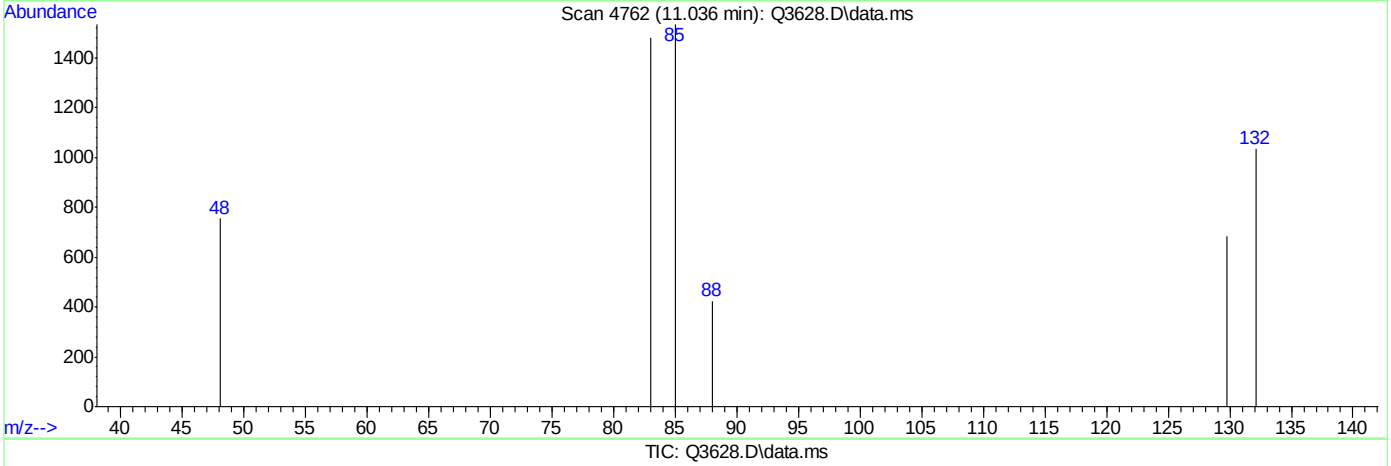




TIC: Q3628.D\data.ms

(42) 1,4-DIOXANE (m)

11.036min (-0.016) 0.01PPBV

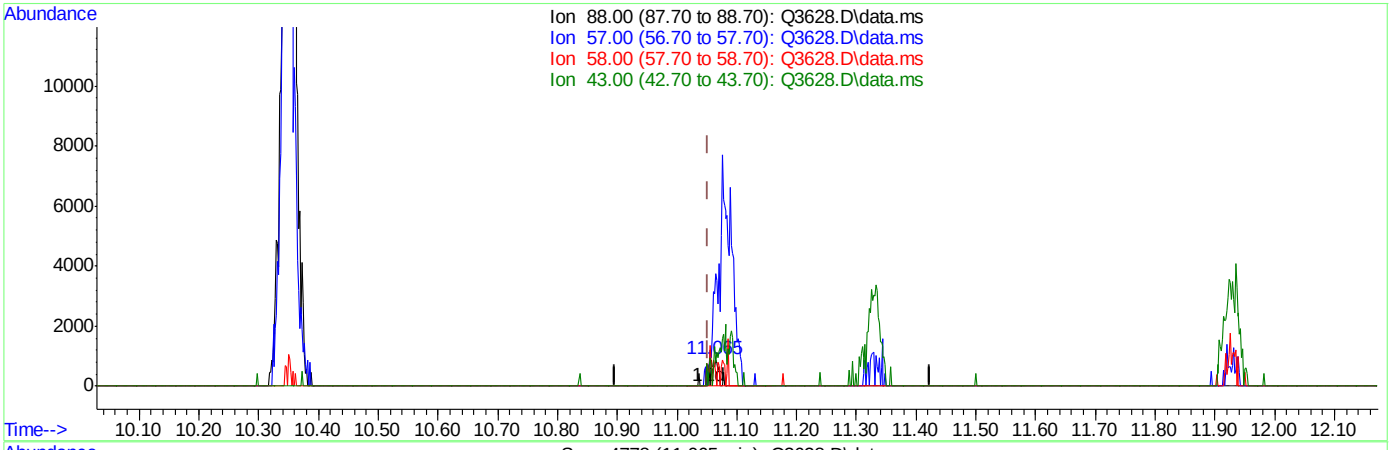
response 45

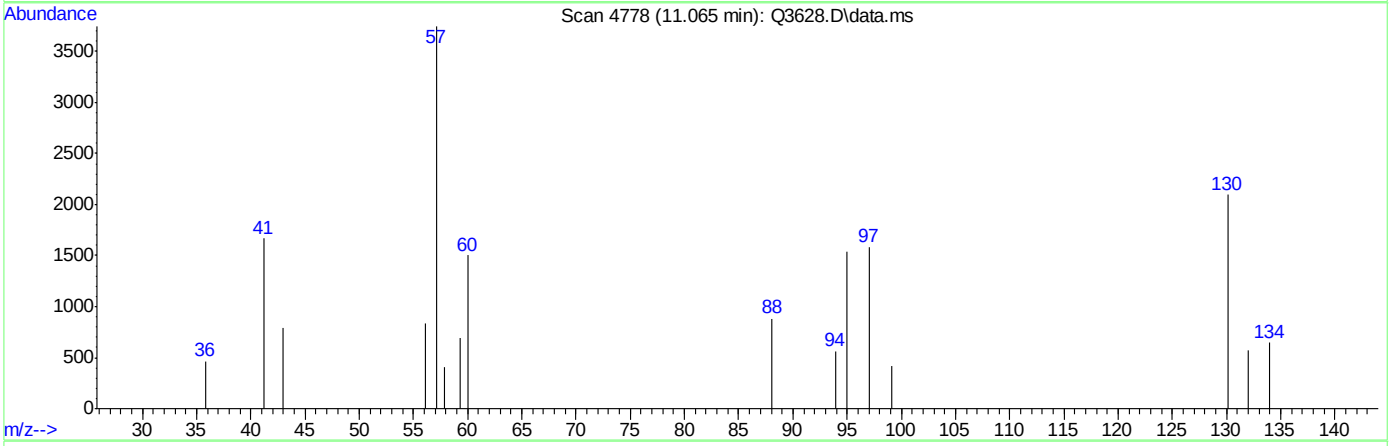
Ion	Exp%	Act%
88.00	100	100
57.00	23.90	0.00#
58.00	54.80	0.00#
43.00	32.10	0.00#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3628.D
Acq On : 5 Jun 2007 7:25 pm
Operator : PhilipB
Sample : IC197-.5 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:07:39 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:07:28 2007
Response via : Initial Calibration





TIC: Q3628.D\data.ms

(42) 1,4-DIOXANE (m)

11.065min (+0.012) 0.21PPBV m

response 813

Ion	Exp%	Act%
88.00	100	100
57.00	23.90	425.68#
58.00	54.80	46.59
43.00	32.10	89.55#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3628.D
Acq On : 5 Jun 2007 7:25 pm
Operator : PhilipB
Sample : IC197-.5 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:07:39 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
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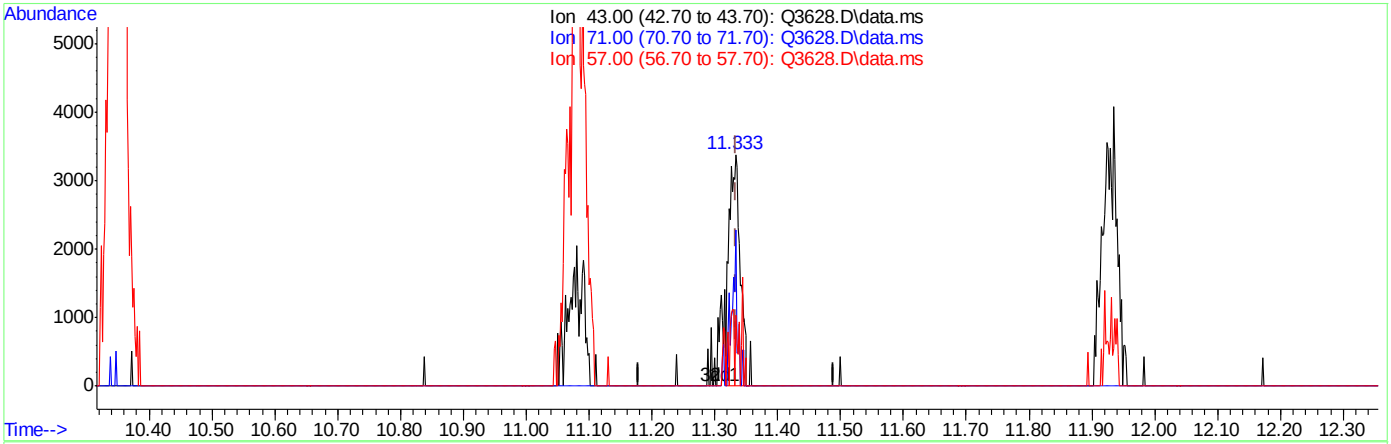
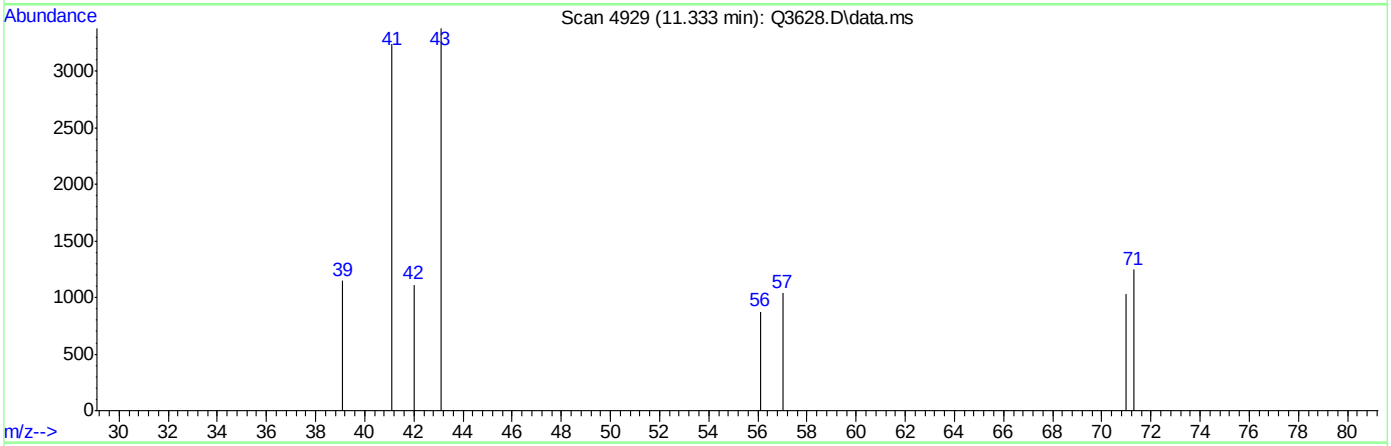
Response via : Initial Calibration





TIC: Q3628.D\data.ms

(43) HEPTANE (m)

11.333min (-0.002) 0.30PPBV

response 4114

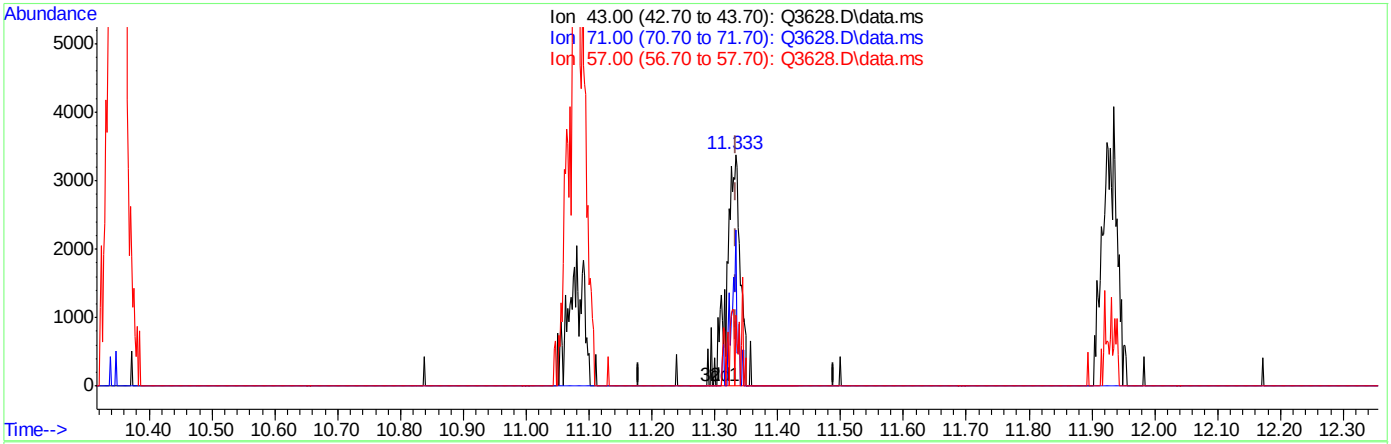
Ion	Exp%	Act%
43.00	100	100
71.00	52.40	36.56
57.00	48.00	19.88#
0.00	0.00	0.00

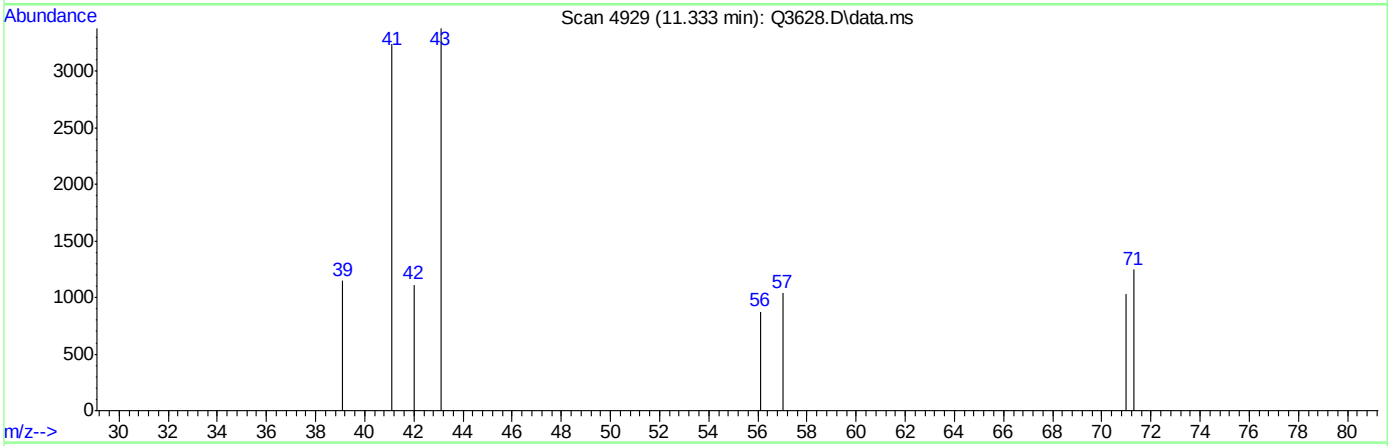
ACCUTEST Laboratories M66023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3628.D
Acq On : 5 Jun 2007 7:25 pm
Operator : PhilipB
Sample : IC197-.5 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:07:39 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:07:28 2007
Response via : Initial Calibration





TIC: Q3628.D\data.ms

(43) HEPTANE (m)

11.333min (-0.002) 0.38PPBV m

response 5173

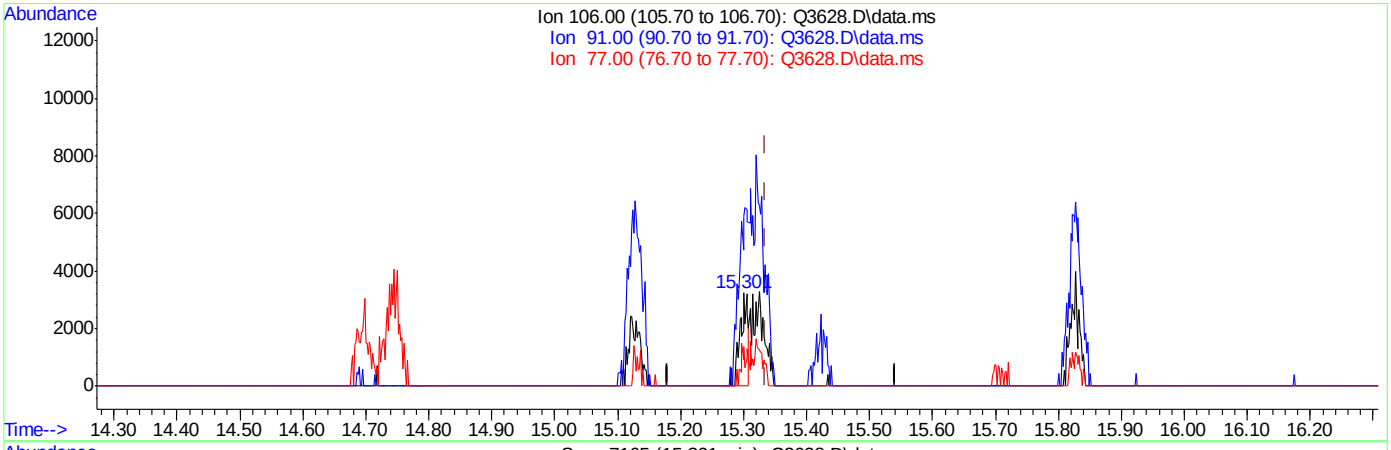
Ion	Exp%	Act%
43.00	100	100
71.00	52.40	29.07#
57.00	48.00	15.81#
0.00	0.00	0.00

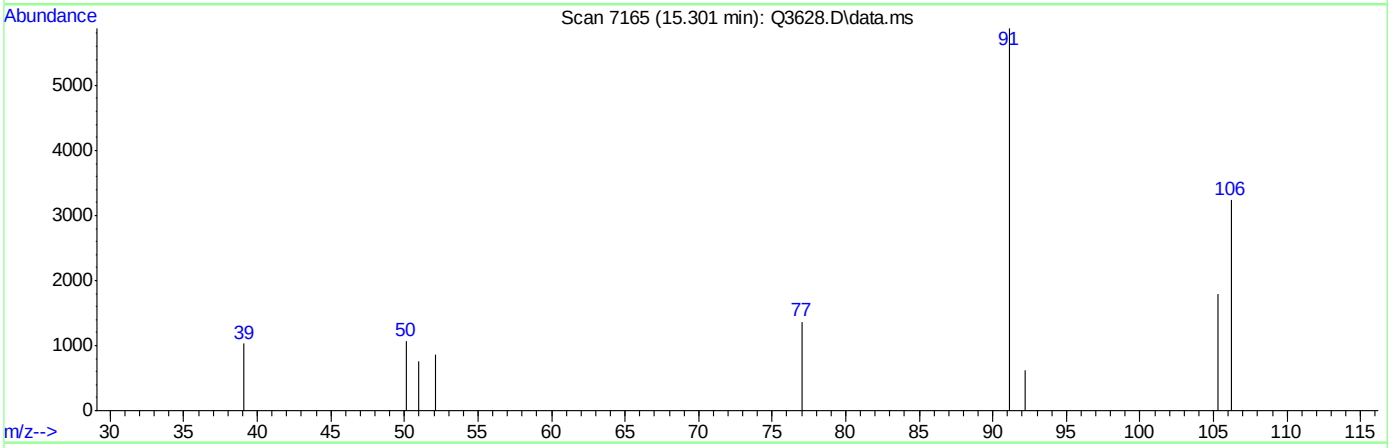
ACCUTEST Laboratories M66023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3628.D
Acq On : 5 Jun 2007 7:25 pm
Operator : PhilipB
Sample : IC197-.5 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:07:39 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:07:28 2007
Response via : Initial Calibration





TIC: Q3628.D\data.ms

(56) m,p-XYLENE (m)

15.301min (-0.034) 0.21PPBV

response 2885

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	181.47
77.00	30.60	42.16#
0.00	0.00	0.00

ACCUTEST Laboratories M66023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3628.D
Acq On : 5 Jun 2007 7:25 pm
Operator : PhilipB
Sample : IC197-.5 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:07:39 2007
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Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:07:28 2007
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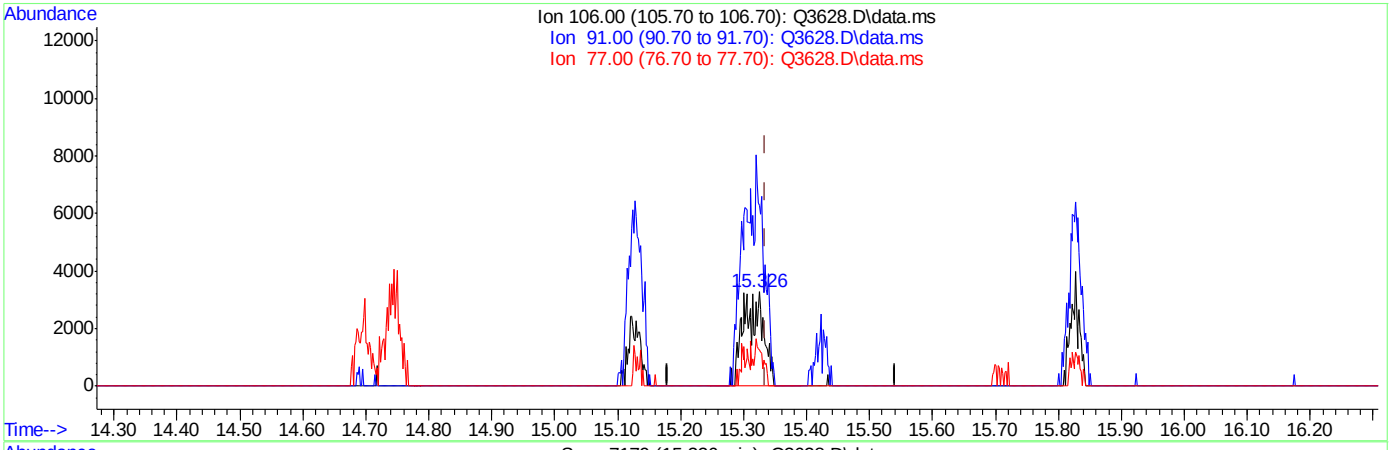

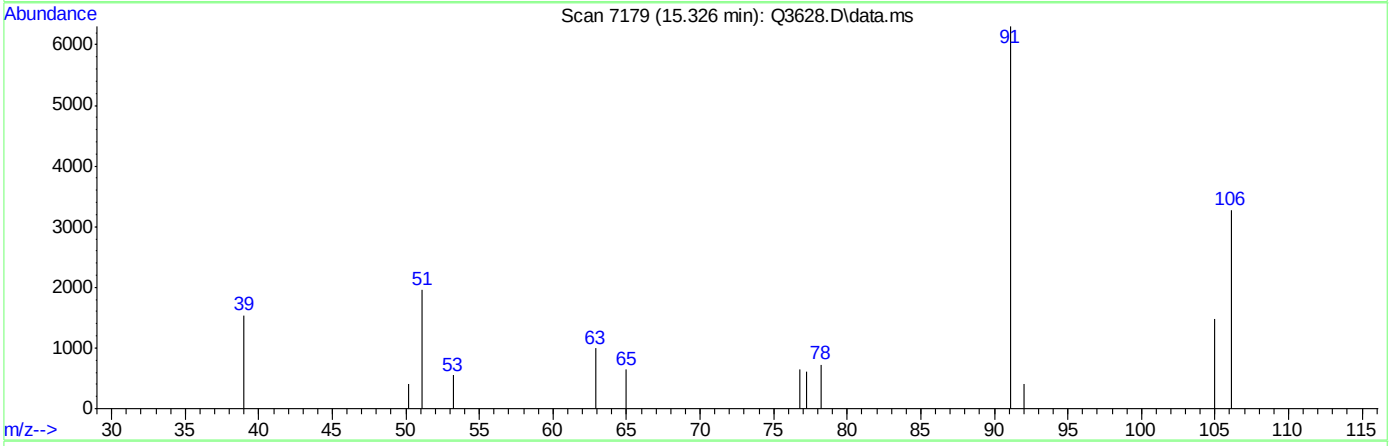

TIC: Q3628.D\data.ms

(56) m,p-XYLENE (m)

15.326min (-0.009) 0.53PPBV m

response 7287

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	192.52
77.00	30.60	19.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3628.D
Acq On : 5 Jun 2007 7:25 pm
Operator : PhilipB
Sample : IC197-.5 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:07:39 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:07:28 2007
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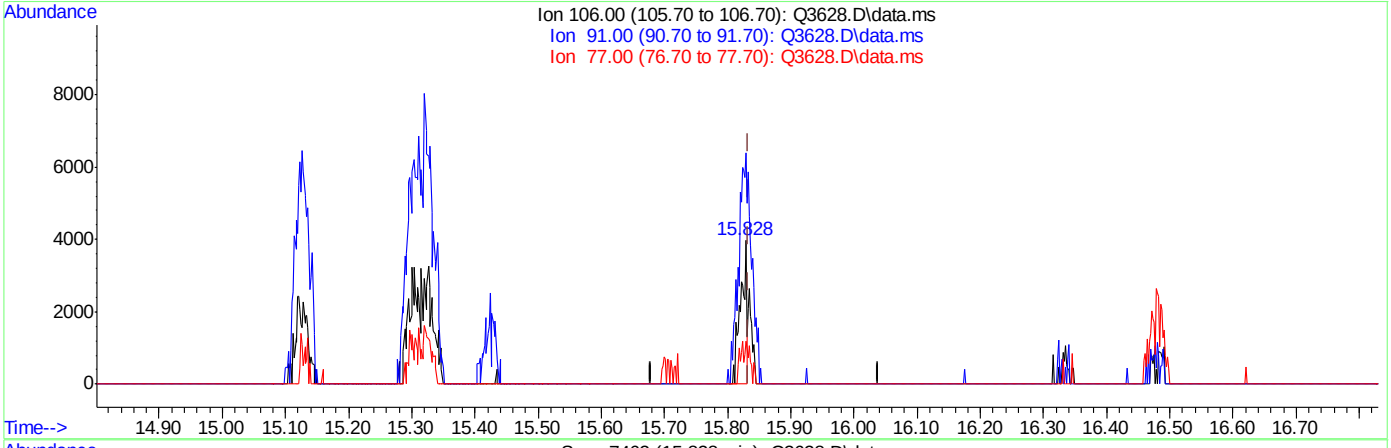
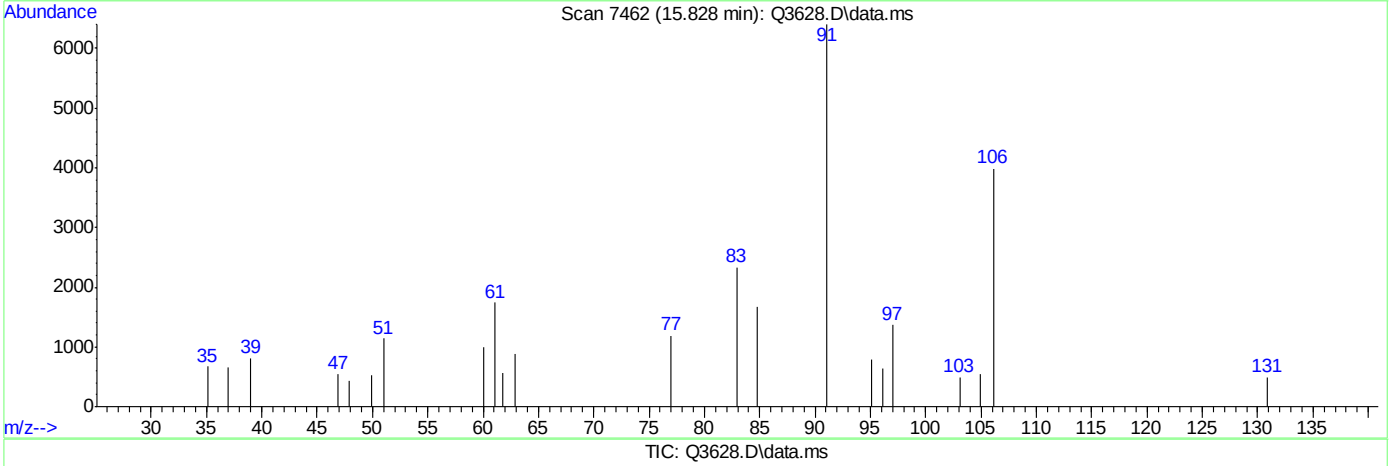




TIC: Q3628.D\data.ms

(57) o-XYLENE (m)

15.828min (-0.005) 0.17PPBV

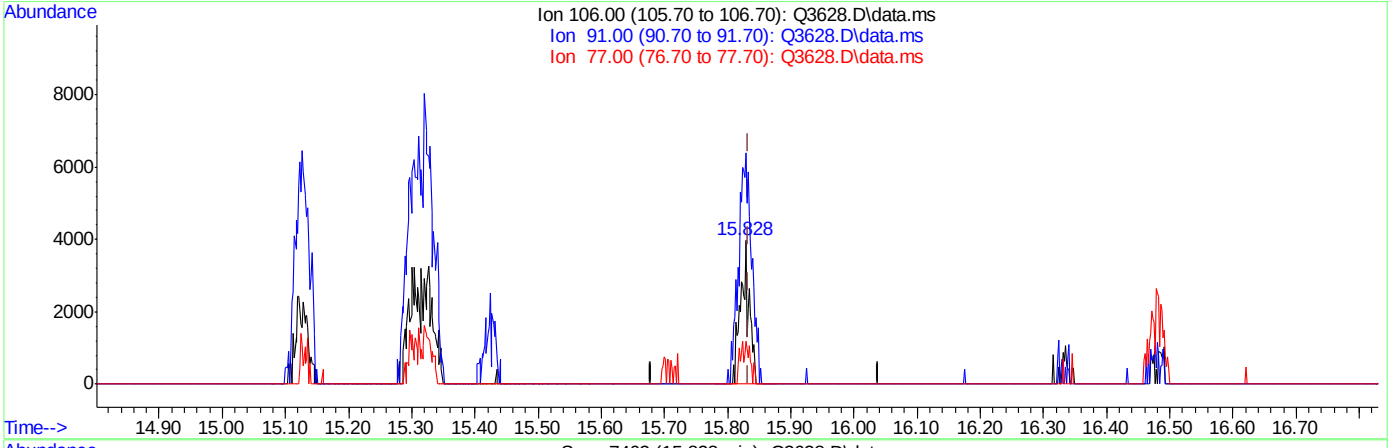
response 2646

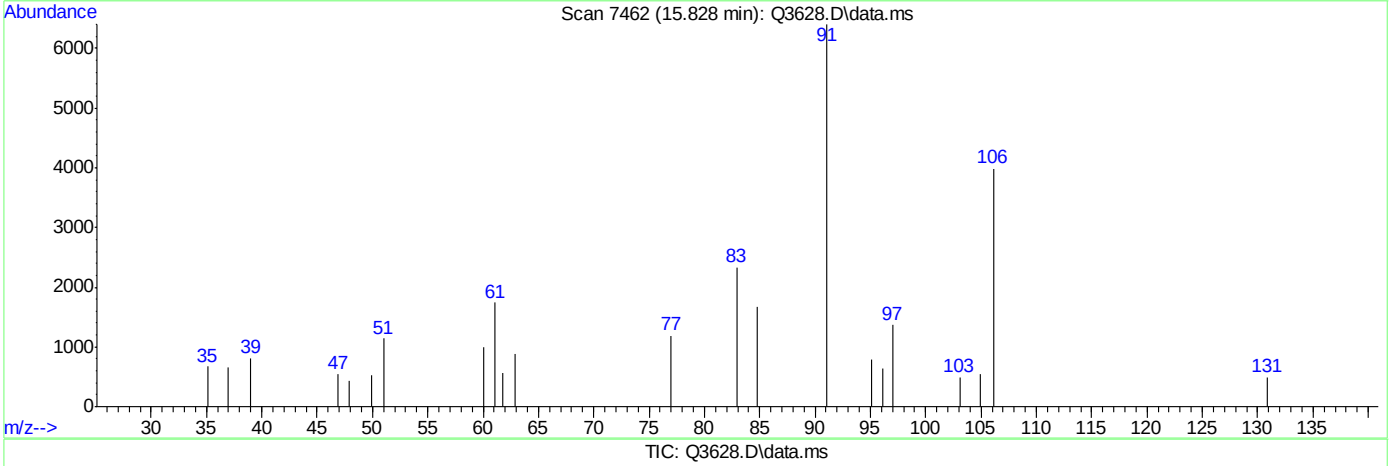
Ion	Exp%	Act%
106.00	100	100
91.00	223.70	347.01#
77.00	30.00	47.47
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3628.D
Acq On : 5 Jun 2007 7:25 pm
Operator : PhilipB
Sample : IC197-.5 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:07:39 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:07:28 2007
Response via : Initial Calibration





TIC: Q3628.D\data.ms

(57) o-XYLENE (m)

15.828min (-0.005) 0.24PPBV m

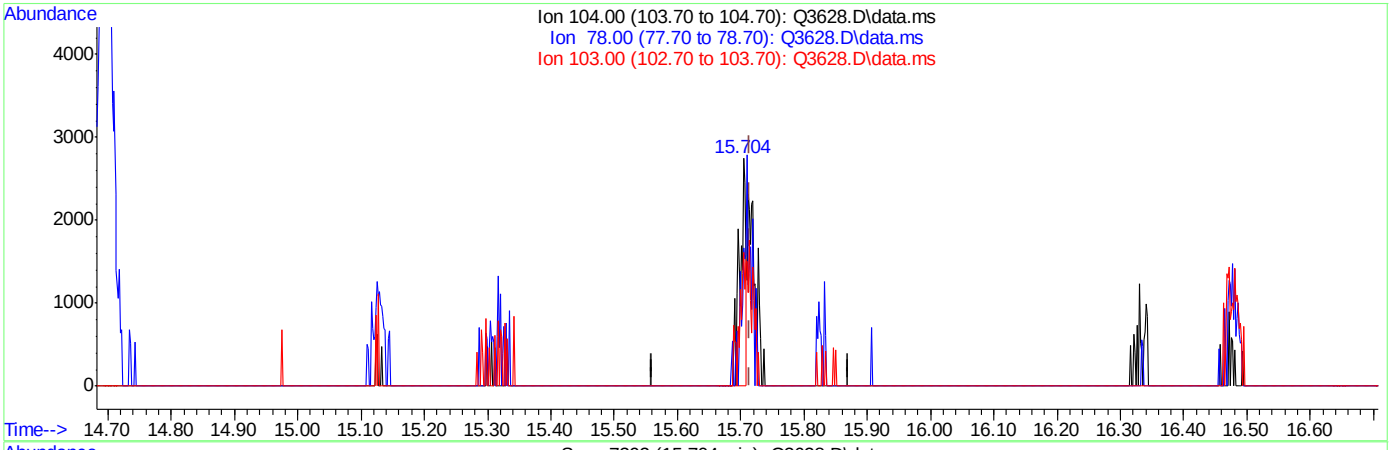
response 3799

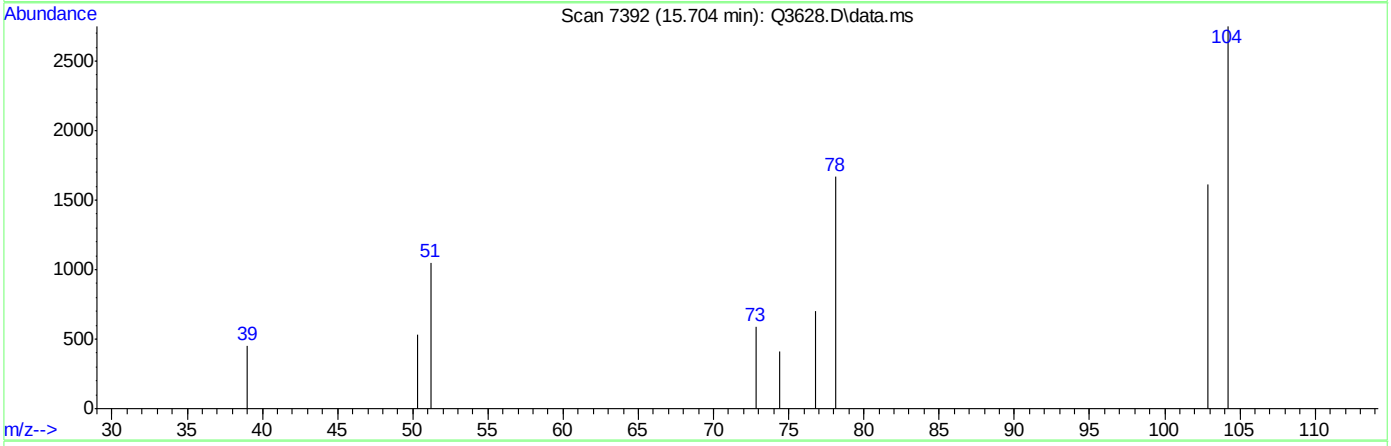
Ion	Exp%	Act%
106.00	100	100
91.00	223.70	241.70
77.00	30.00	33.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3628.D
Acq On : 5 Jun 2007 7:25 pm
Operator : PhilipB
Sample : IC197-.5 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:07:39 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:07:28 2007
Response via : Initial Calibration





TIC: Q3628.D\data.ms

(58) STYRENE (m)

15.704min (-0.011) 0.09PPBV

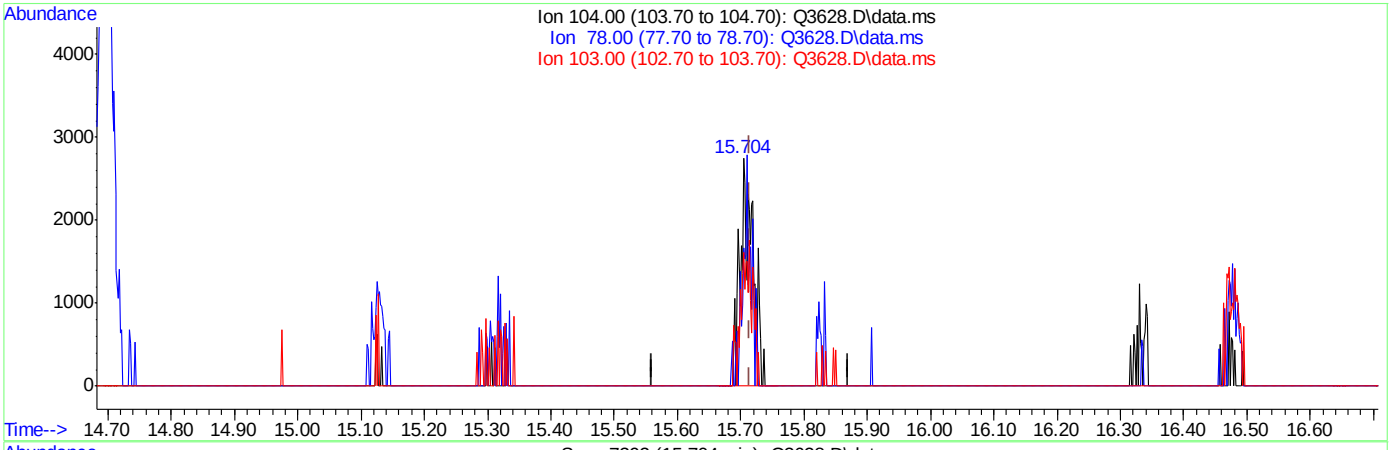
response 1781

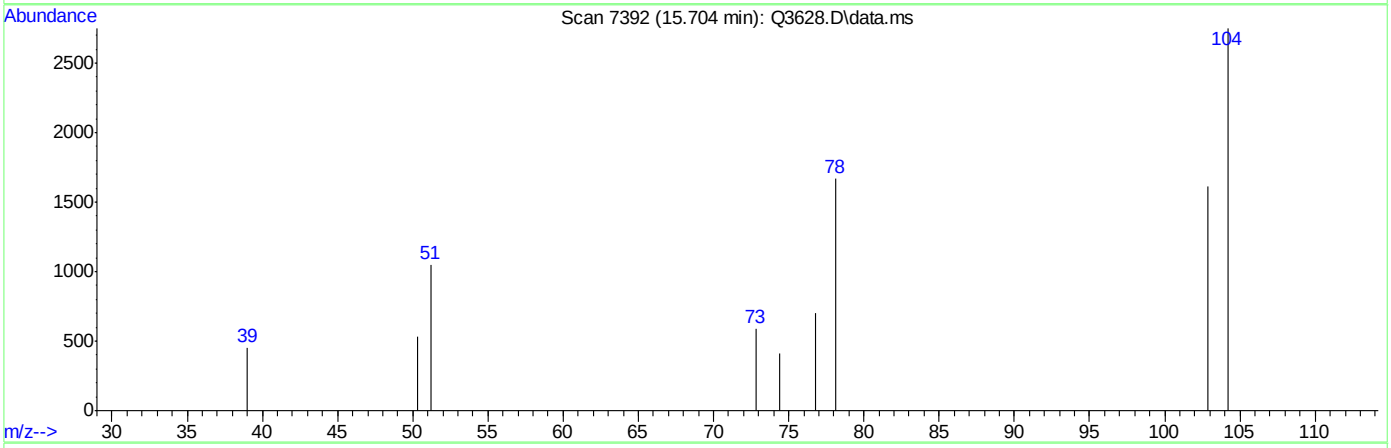
Ion	Exp%	Act%
104.00	100	100
78.00	55.00	84.39#
103.00	47.20	127.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3628.D
Acq On : 5 Jun 2007 7:25 pm
Operator : PhilipB
Sample : IC197-.5 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:07:39 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:07:28 2007
Response via : Initial Calibration





TIC: Q3628.D\data.ms

(58) STYRENE (m)

15.704min (-0.011) 0.18PPBV m

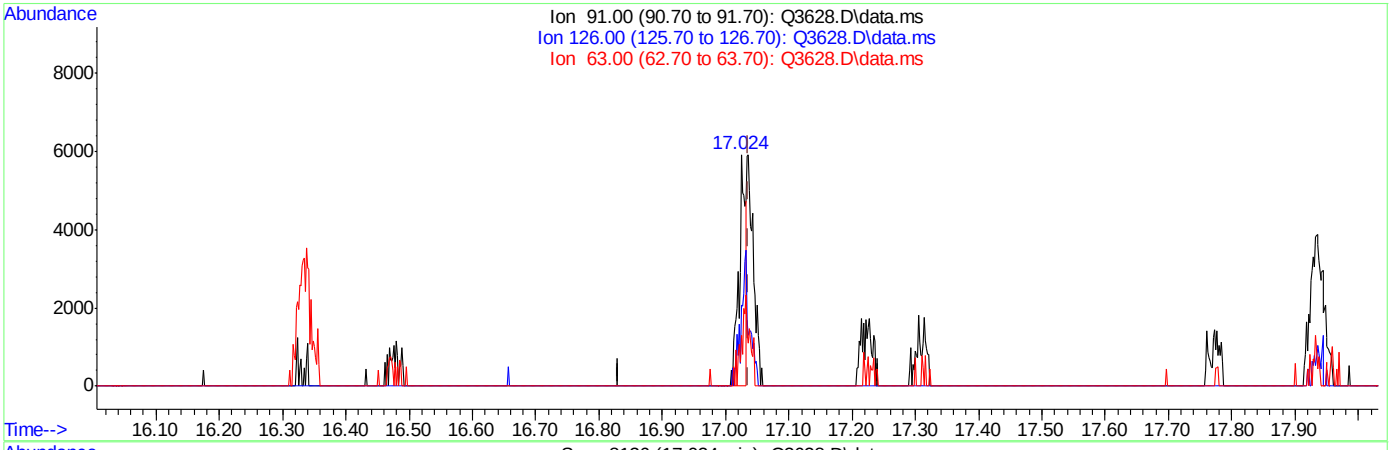
response 3838

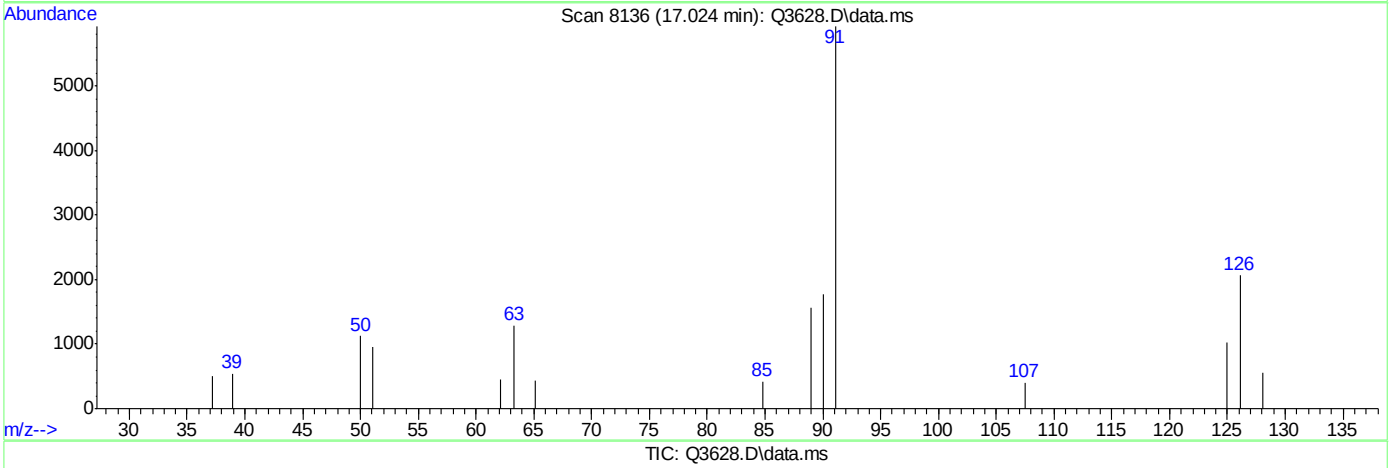
Ion	Exp%	Act%
104.00	100	100
78.00	55.00	39.16
103.00	47.20	59.22
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3628.D
Acq On : 5 Jun 2007 7:25 pm
Operator : PhilipB
Sample : IC197-.5 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:07:39 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:07:28 2007
Response via : Initial Calibration





TIC: Q3628.D\data.ms

(64) 2-CHLOROTOLUENE (m)

17.024min (-0.013) 0.11PPBV

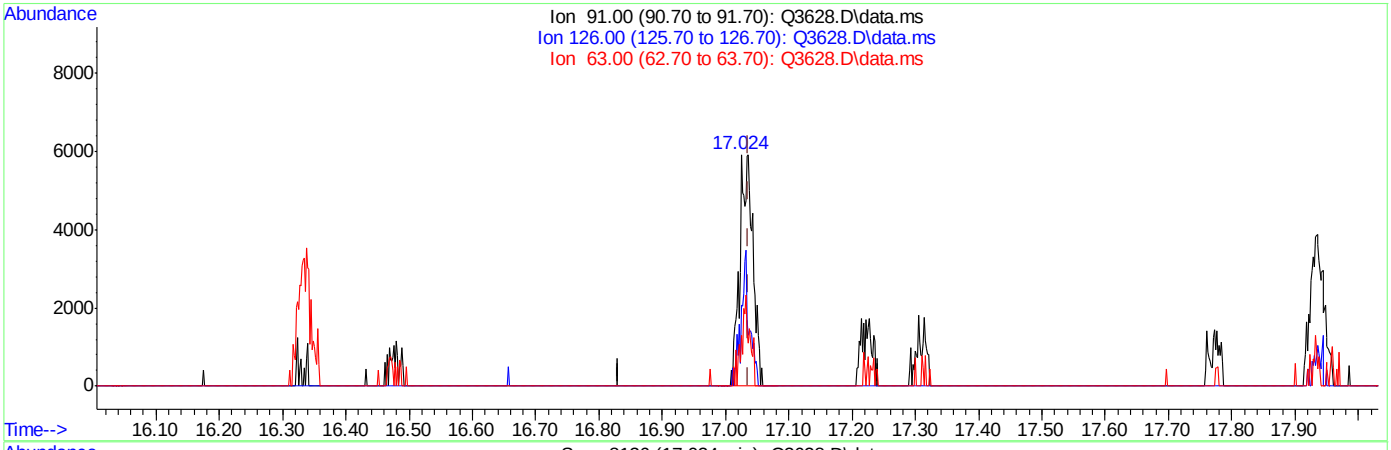
response 4203

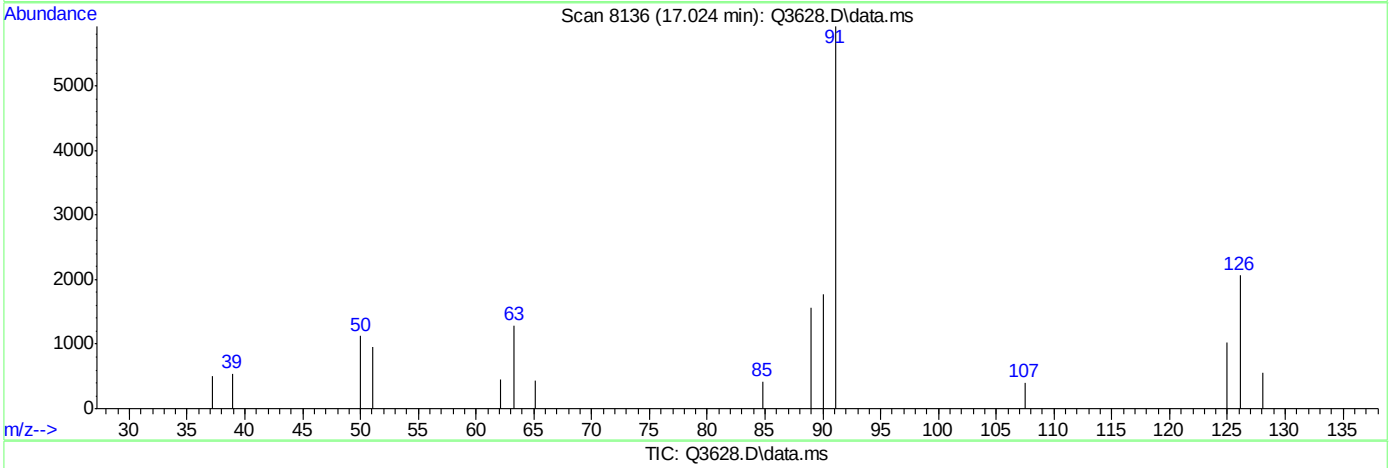
Ion	Exp%	Act%
91.00	100	100
126.00	36.10	75.14#
63.00	18.60	49.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3628.D
Acq On : 5 Jun 2007 7:25 pm
Operator : PhilipB
Sample : IC197-.5 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:07:39 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:07:28 2007
Response via : Initial Calibration





TIC: Q3628.D\data.ms

(64) 2-CHLOROTOLUENE (m)

17.024min (-0.013) 0.21PPBV m

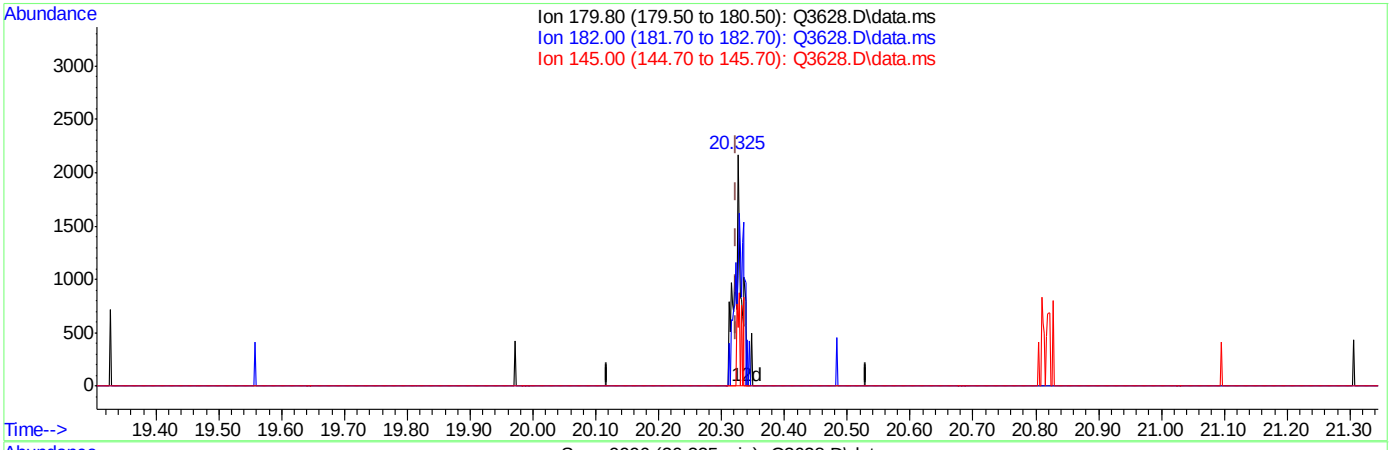
response 8504

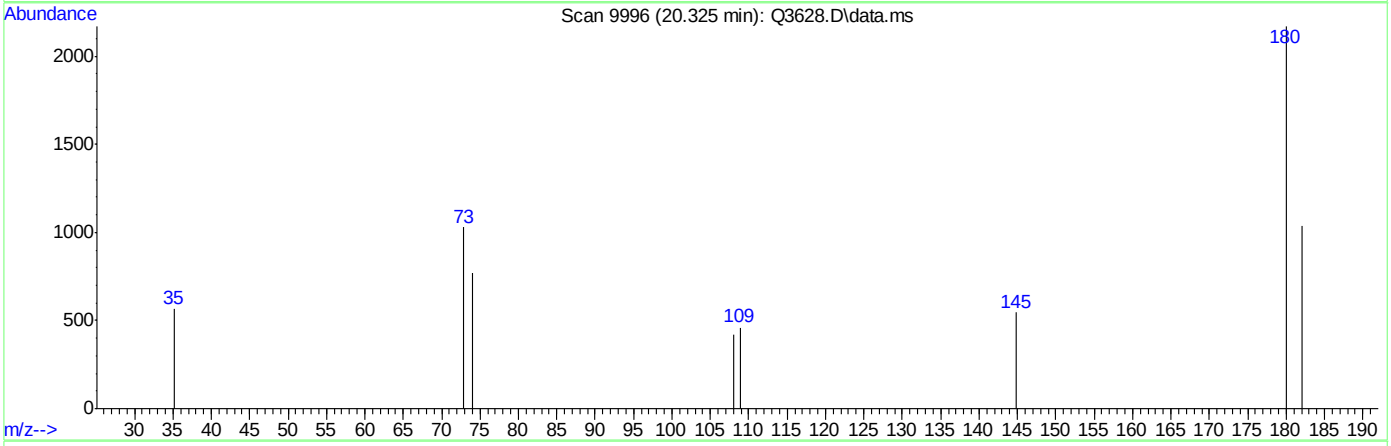
Ion	Exp%	Act%
91.00	100	100
126.00	36.10	37.14
63.00	18.60	24.44
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3628.D
Acq On : 5 Jun 2007 7:25 pm
Operator : PhilipB
Sample : IC197-.5 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:07:39 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:07:28 2007
Response via : Initial Calibration





TIC: Q3628.D\data.ms

(73) 1,2,4-TRICHLOROBENZENE (m)

20.325min (+0.002) 0.15PPBV

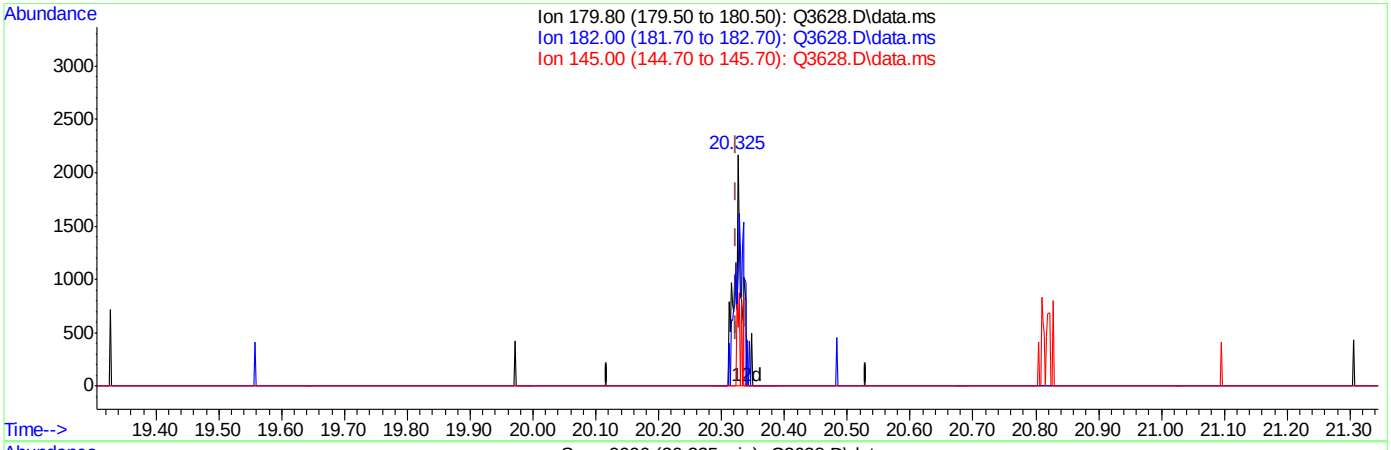
response 1611

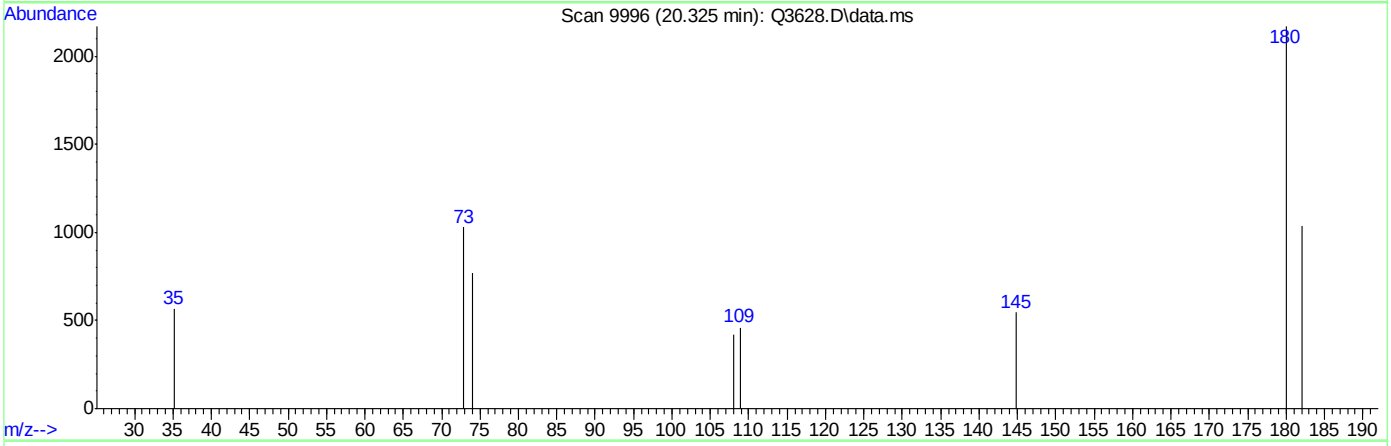
Ion	Exp%	Act%
179.80	100	100
182.00	91.20	102.79
145.00	35.30	25.08
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3628.D
Acq On : 5 Jun 2007 7:25 pm
Operator : PhilipB
Sample : IC197-.5 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:07:39 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:07:28 2007
Response via : Initial Calibration





TIC: Q3628.D\data.ms

(73) 1,2,4-TRICHLOROBENZENE (m)

20.325min (+0.002) 0.16PPBV m

response 1665

Ion	Exp%	Act%
179.80	100	100
182.00	91.20	99.46
145.00	35.30	24.26
0.00	0.00	0.00

Manual Integrations
APPROVED
(compounds with "m" flag)

Doug Yargeau
06/08/07 12:42

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3629.D
Acq On : 5 Jun 2007 8:08 pm
Operator : PhilipB
Sample : IC197-.2 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 14:55:15 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:09:45 2007
Response via : Initial Calibration

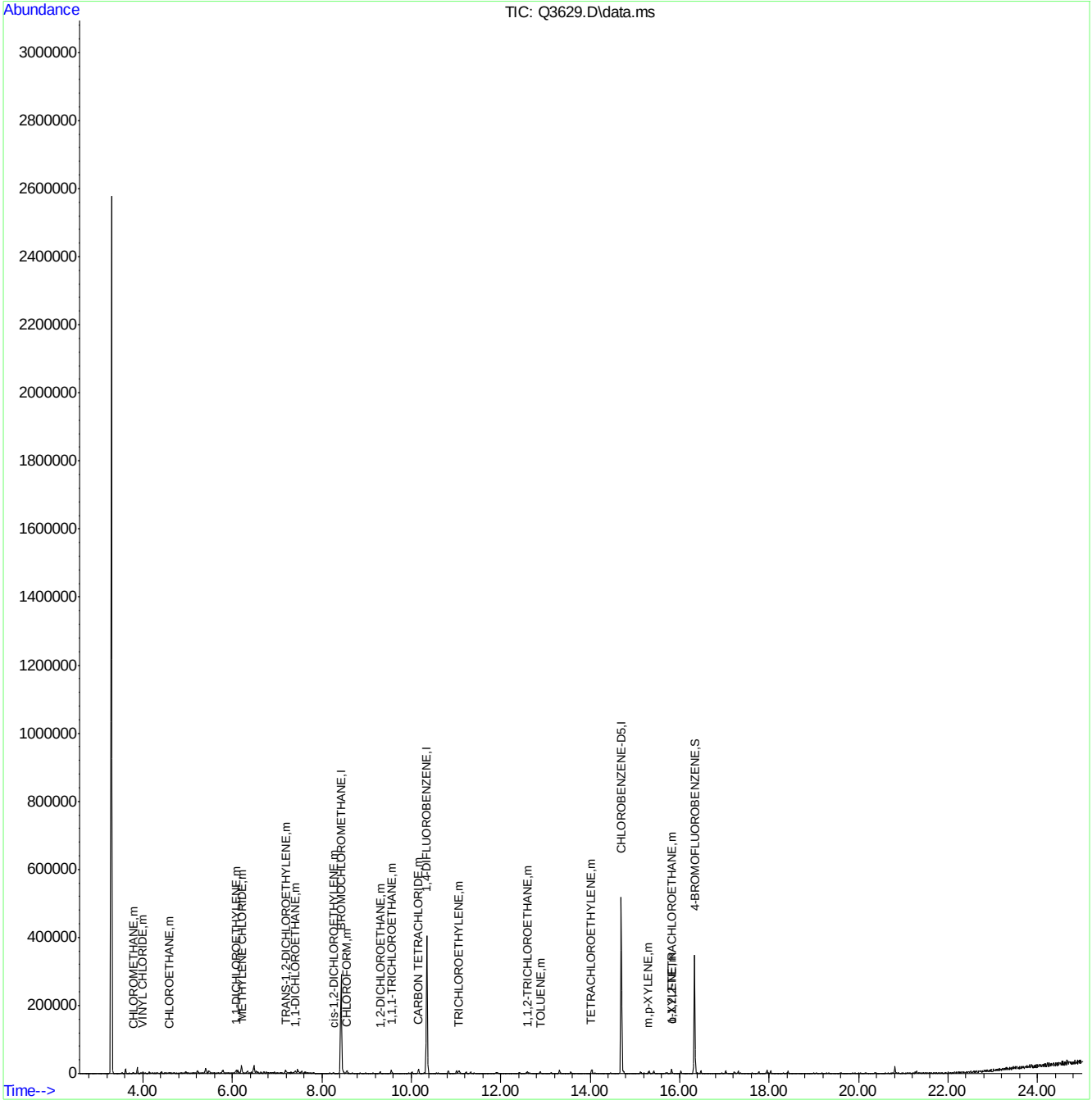
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.433	128	51070	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.346	114	222957	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.694	117	186647	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.334	95	84272	4.21	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 84.20%			
Target Compounds						Qvalue
5) CHLOROMETHANE	3.778	50	1242	0.14	PPBV	95
6) VINYL CHLORIDE	4.001	62	1565m	0.16	PPBV	
9) CHLOROETHANE	4.592	64	604m	0.13	PPBV	
14) 1,1-DICHLOROETHYLENE	6.090	96	2547m	0.17	PPBV	
18) METHYLENE CHLORIDE	6.205	84	6465m	0.41	PPBV	
21) TRANS-1,2-DICHLOROETHY...	7.194	96	2510m	0.16	PPBV	
27) 1,1-DICHLOROETHANE	7.412	63	4807	0.18	PPBV	100
29) cis-1,2-DICHLOROETHYLENE	8.264	96	880m	0.12	PPBV	
31) CHLOROFORM	8.562	83	4843	0.18	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.551	97	4925	0.15	PPBV	95
33) CARBON TETRACHLORIDE	10.165	117	6303	0.15	PPBV #	58
34) 1,2-DICHLOROETHANE	9.313	62	3618	0.16	PPBV #	62
38) TRICHLOROETHYLENE	11.049	95	1487m	0.10	PPBV	
46) TOLUENE	12.879	92	1538m	0.10	PPBV	
48) 1,1,2-TRICHLOROETHANE	12.595	83	895m	0.10	PPBV	
51) TETRACHLOROETHYLENE	14.027	164	2060	0.15	PPBV #	11
56) m,p-XYLENE	15.296	106	2820m	0.20	PPBV	
57) o-XYLENE	15.826	106	1511m	0.09	PPBV	
62) 1,1,2,2-TETRACHLOROETHANE	15.818	83	3629	0.14	PPBV	82

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3629.D
Acq On : 5 Jun 2007 8:08 pm
Operator : PhilipB
Sample : IC197-.2 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

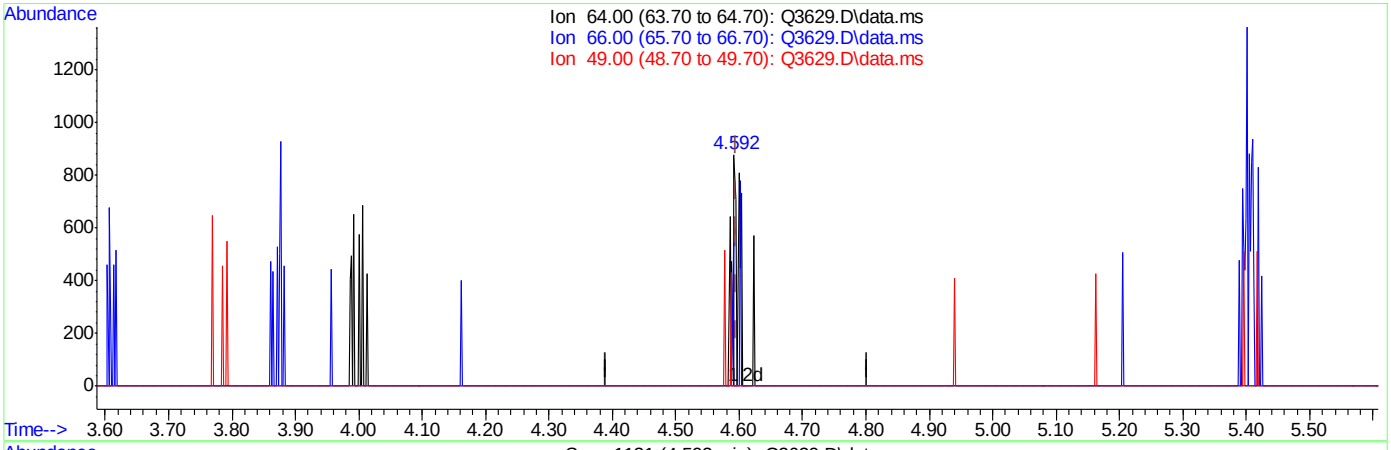
Quant Time: Jun 06 14:55:15 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:09:45 2007
Response via : Initial Calibration

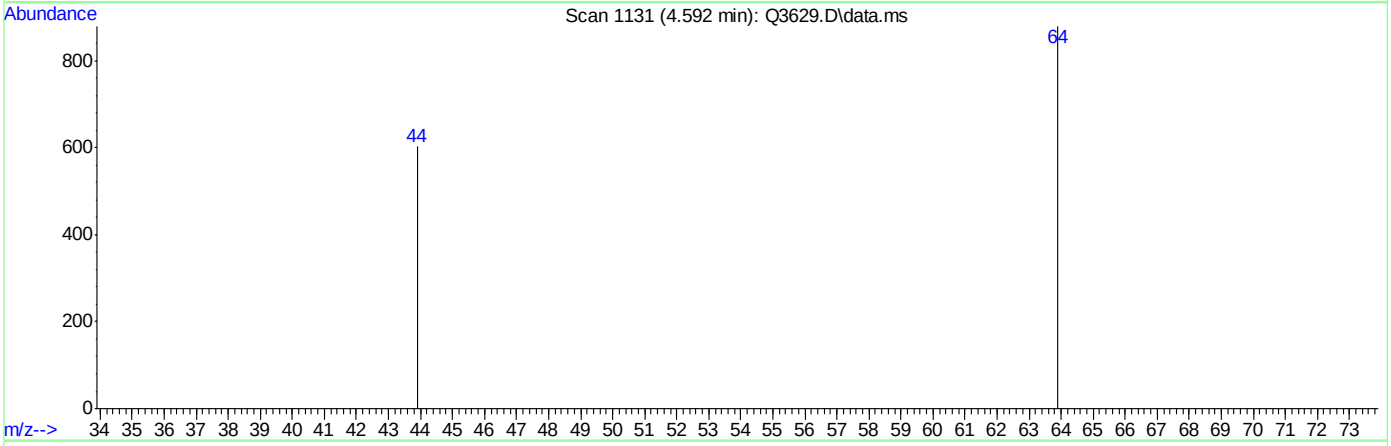


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3629.D
Acq On : 5 Jun 2007 8:08 pm
Operator : PhilipB
Sample : IC197-.2 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:09:50 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:09:45 2007
Response via : Initial Calibration





TIC: Q3629.D\data.ms

(9) CHLOROETHANE (m)

4.592min (-0.004) 0.11PPBV

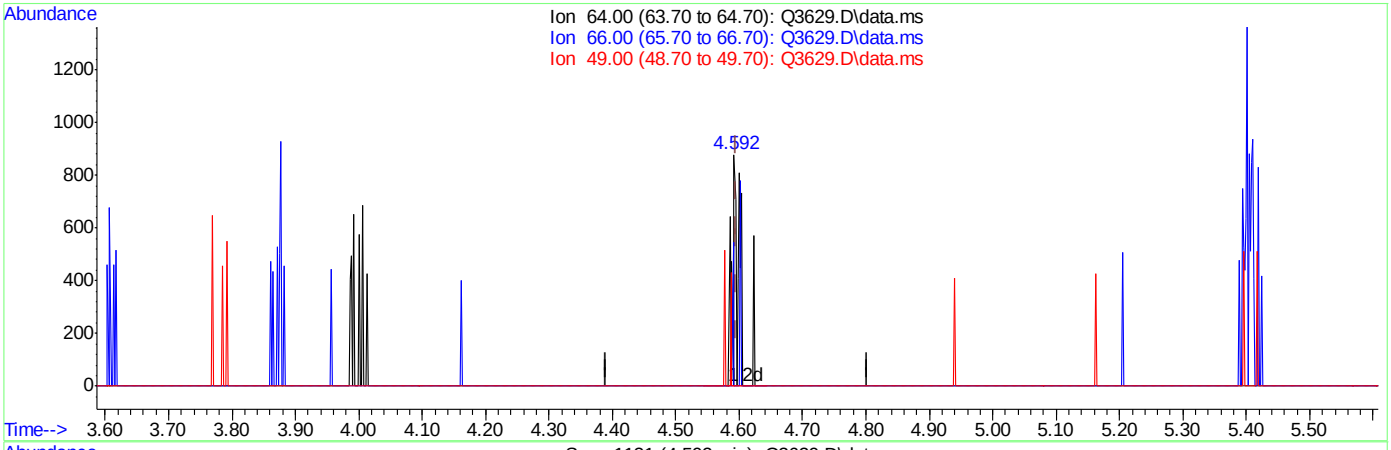
response 474

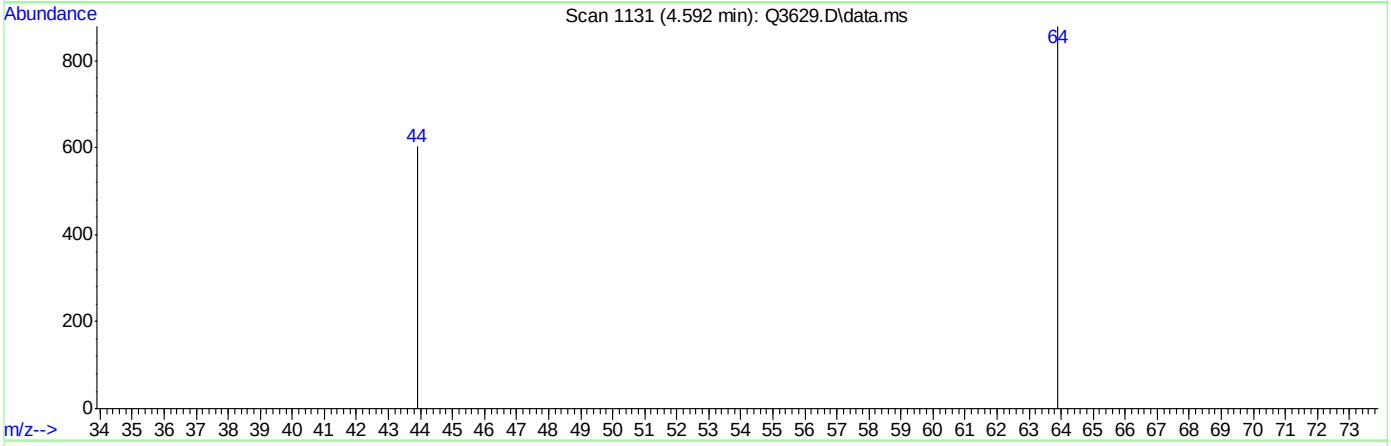
Ion	Exp%	Act%
64.00	100	100
66.00	0.00	12.24
49.00	0.00	9.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3629.D
Acq On : 5 Jun 2007 8:08 pm
Operator : PhilipB
Sample : IC197-.2 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:09:50 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:09:45 2007
Response via : Initial Calibration





TIC: Q3629.D\data.ms

(9) CHLOROETHANE (m)

4.592min (-0.004) 0.13PPBV m

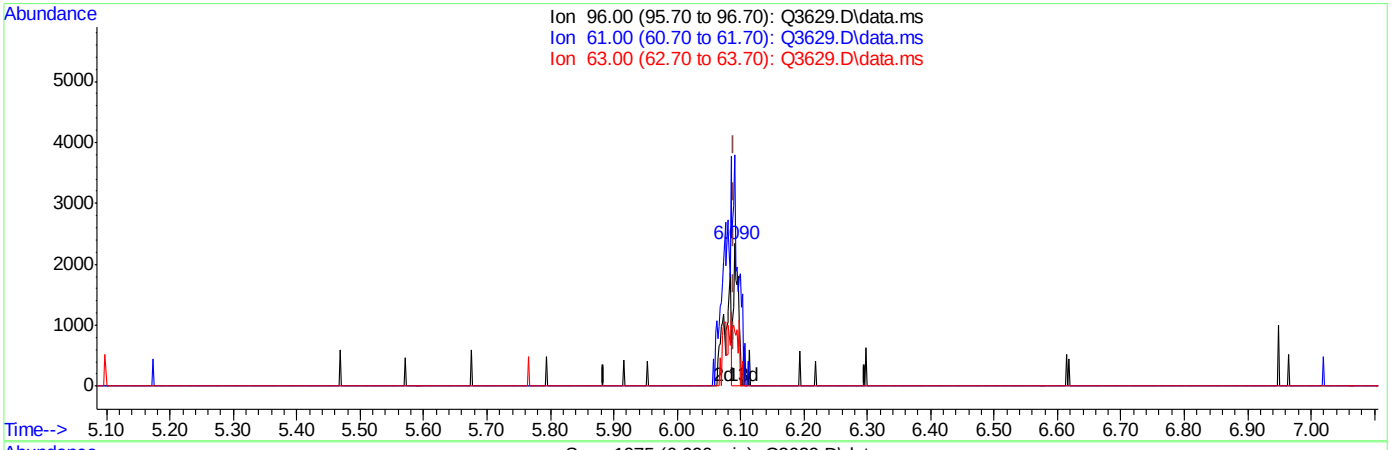
response 604

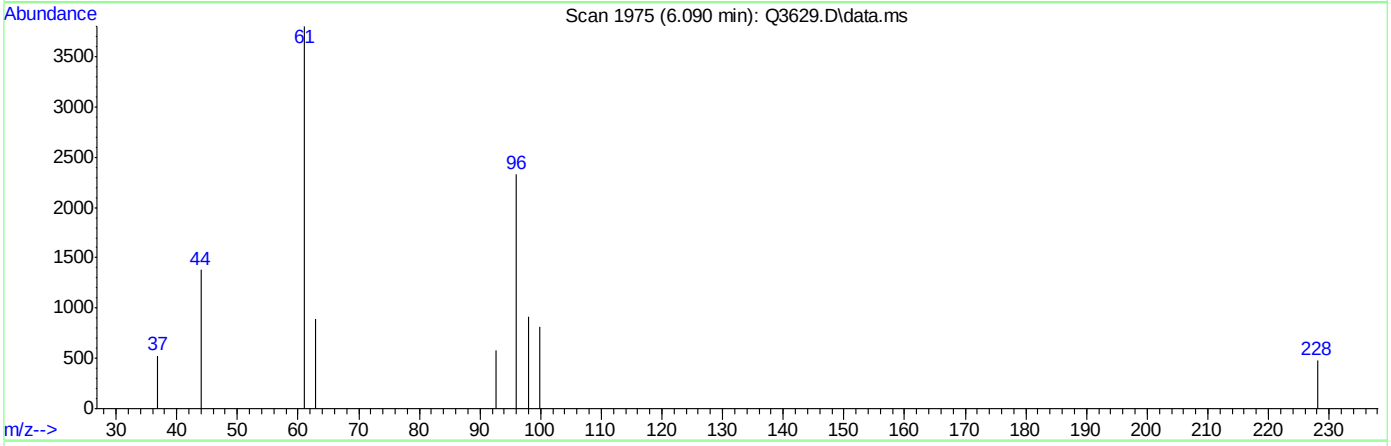
Ion	Exp%	Act%
64.00	100	100
66.00	0.00	9.60
49.00	0.00	7.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3629.D
Acq On : 5 Jun 2007 8:08 pm
Operator : PhilipB
Sample : IC197-.2 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:09:50 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:09:45 2007
Response via : Initial Calibration





TIC: Q3629.D\data.ms

(14) 1,1-DICHLOROETHYLENE (m)

6.090min (-0.000) 0.09PPBV

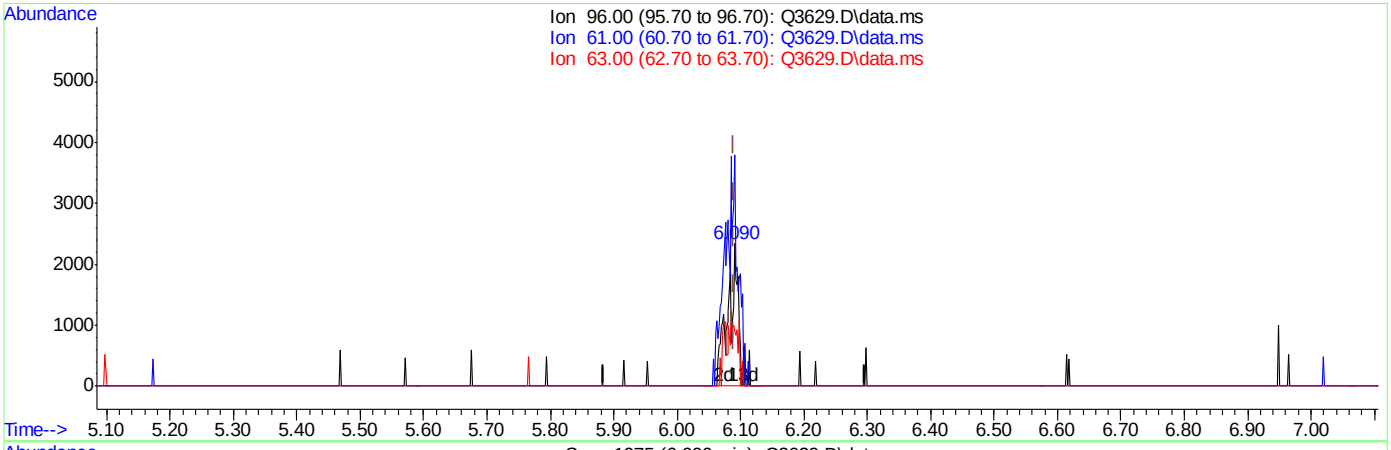
response 1284

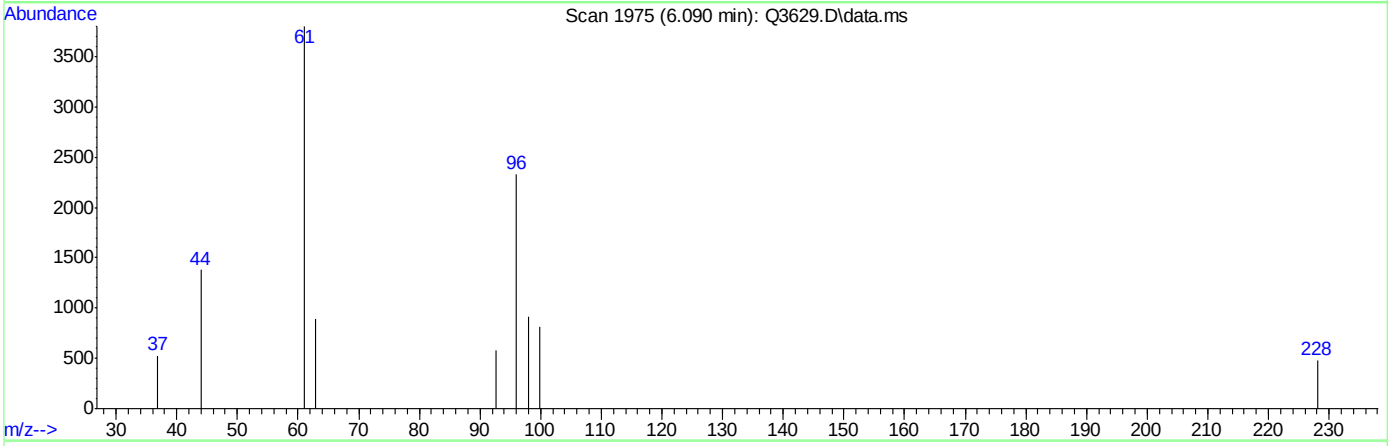
Ion	Exp%	Act%
96.00	100	100
61.00	0.10	400.55#
63.00	0.00	115.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3629.D
Acq On : 5 Jun 2007 8:08 pm
Operator : PhilipB
Sample : IC197-.2 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:09:50 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:09:45 2007
Response via : Initial Calibration





TIC: Q3629.D\data.ms

(14) 1,1-DICHLOROETHYLENE (m)

6.090min (-0.000) 0.17PPBV m

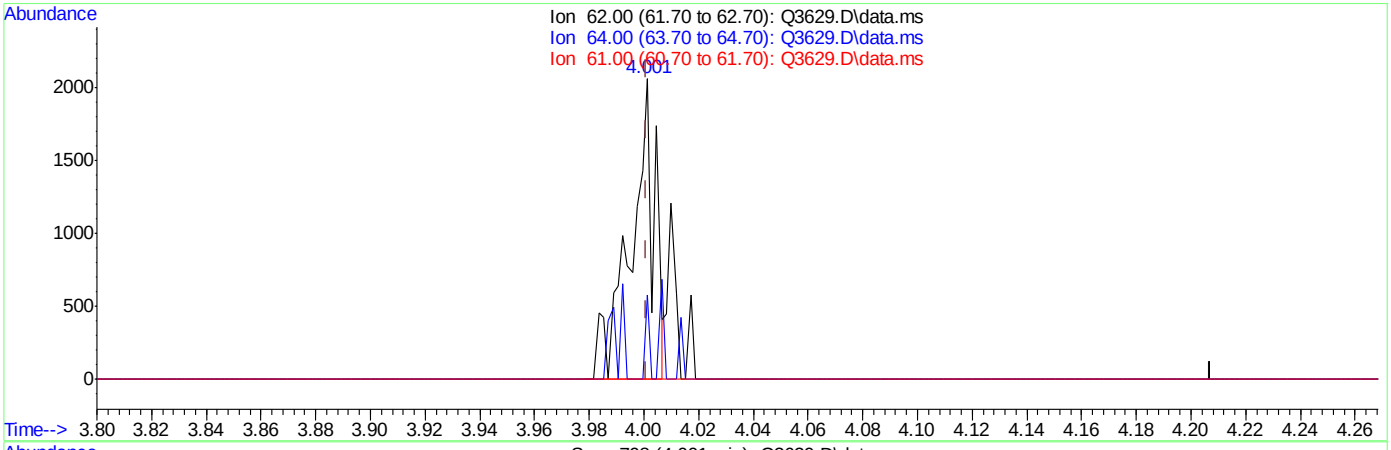
response 2547

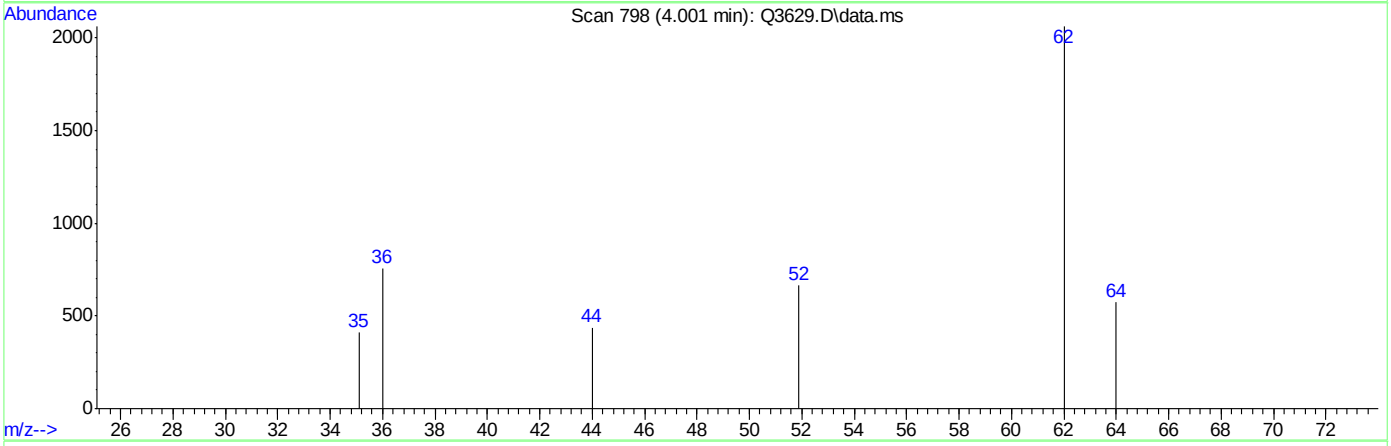
Ion	Exp%	Act%
96.00	100	100
61.00	0.10	201.92#
63.00	0.00	58.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3629.D
Acq On : 5 Jun 2007 8:08 pm
Operator : PhilipB
Sample : IC197-.2 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:09:50 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:09:45 2007
Response via : Initial Calibration





TIC: Q3629.D\data.ms

(6) VINYL CHLORIDE (m)

4.001min (-0.000) 0.13PPBV

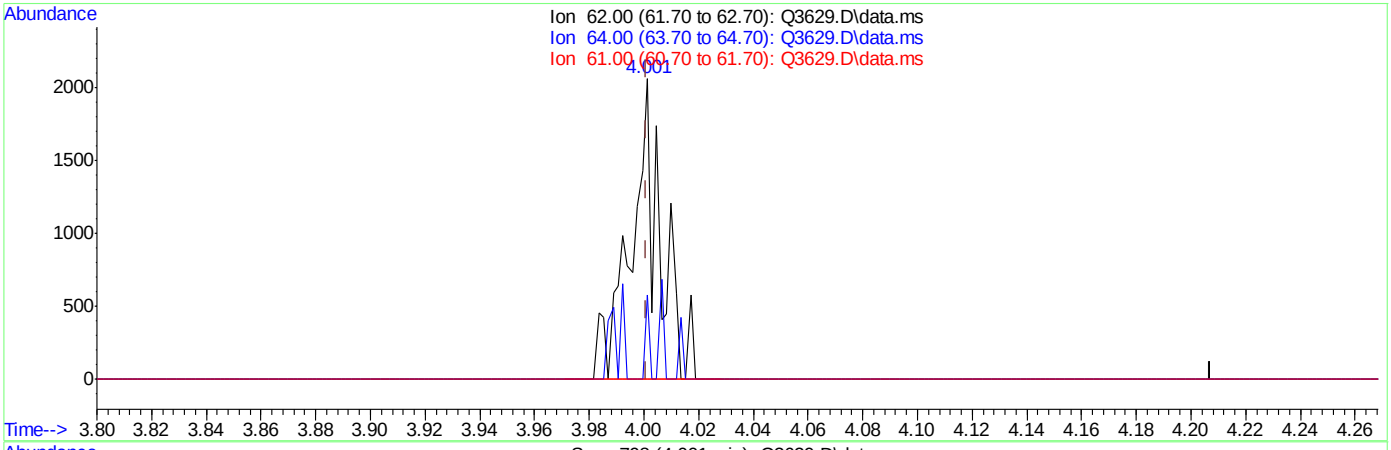
response 1265

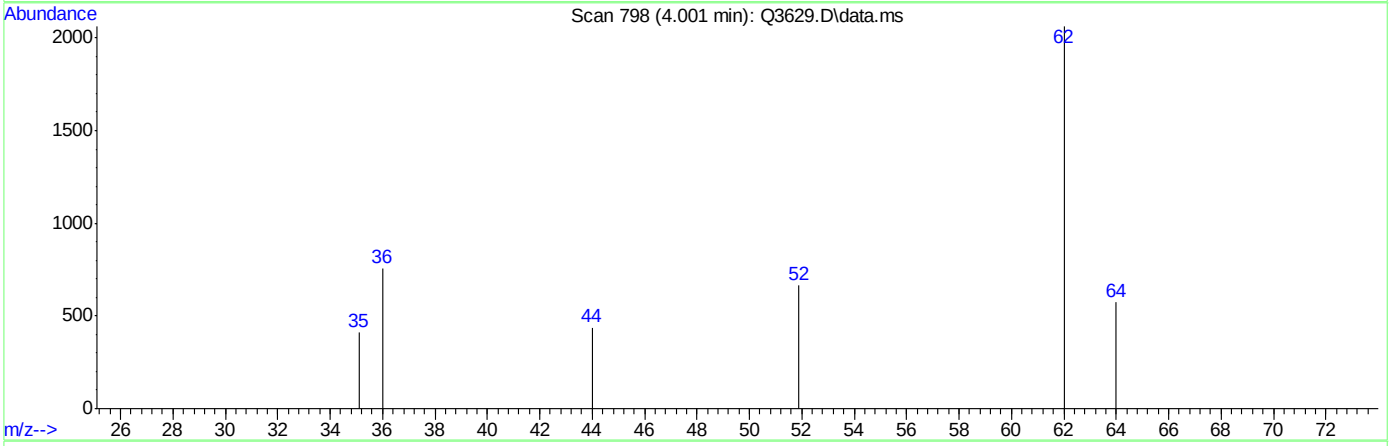
Ion	Exp%	Act%
62.00	100	100
64.00	49.80	9.41#
61.00	2.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3629.D
Acq On : 5 Jun 2007 8:08 pm
Operator : PhilipB
Sample : IC197-.2 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:09:50 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:09:45 2007
Response via : Initial Calibration





TIC: Q3629.D\data.ms

(6) VINYL CHLORIDE (m)

4.001min (-0.000) 0.16PPBV m

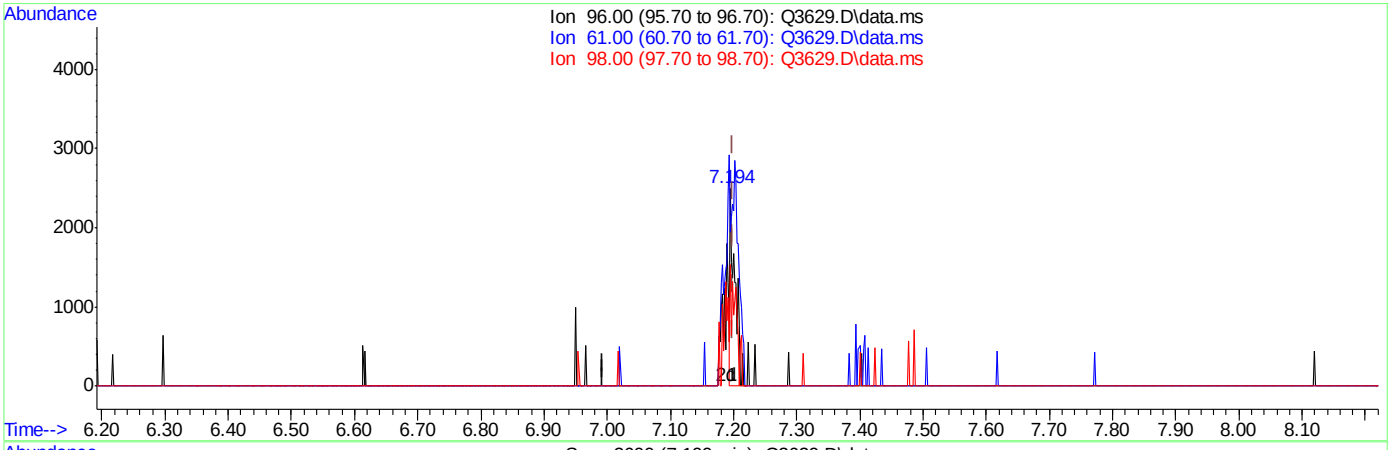
response 1565

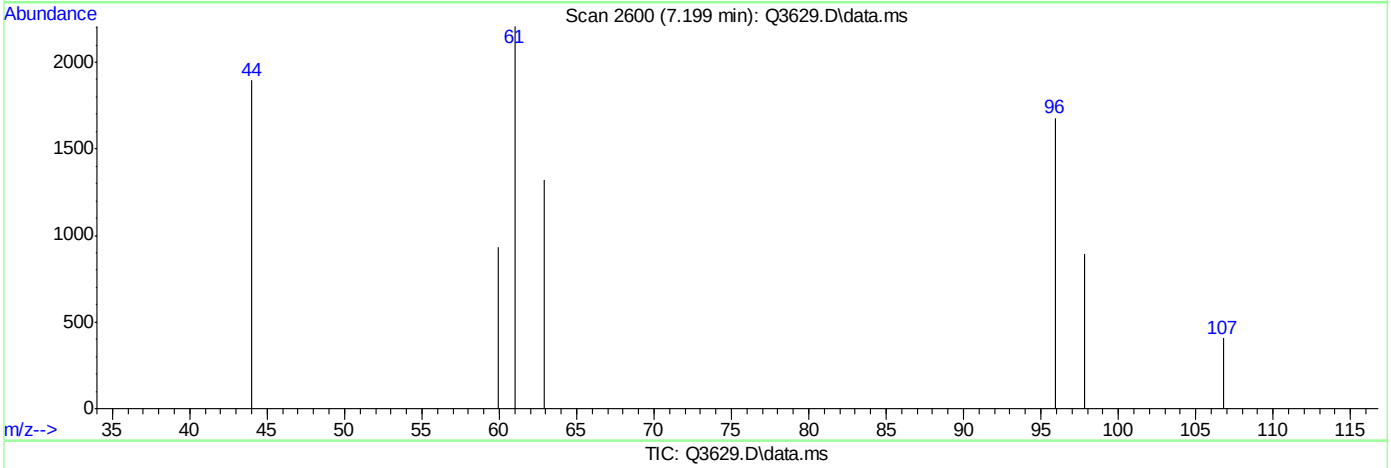
Ion	Exp%	Act%
62.00	100	100
64.00	49.80	7.60#
61.00	2.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3629.D
Acq On : 5 Jun 2007 8:08 pm
Operator : PhilipB
Sample : IC197-.2 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:09:50 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:09:45 2007
Response via : Initial Calibration





TIC: Q3629.D\data.ms

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

7.199min (-0.000) 0.09PPBV

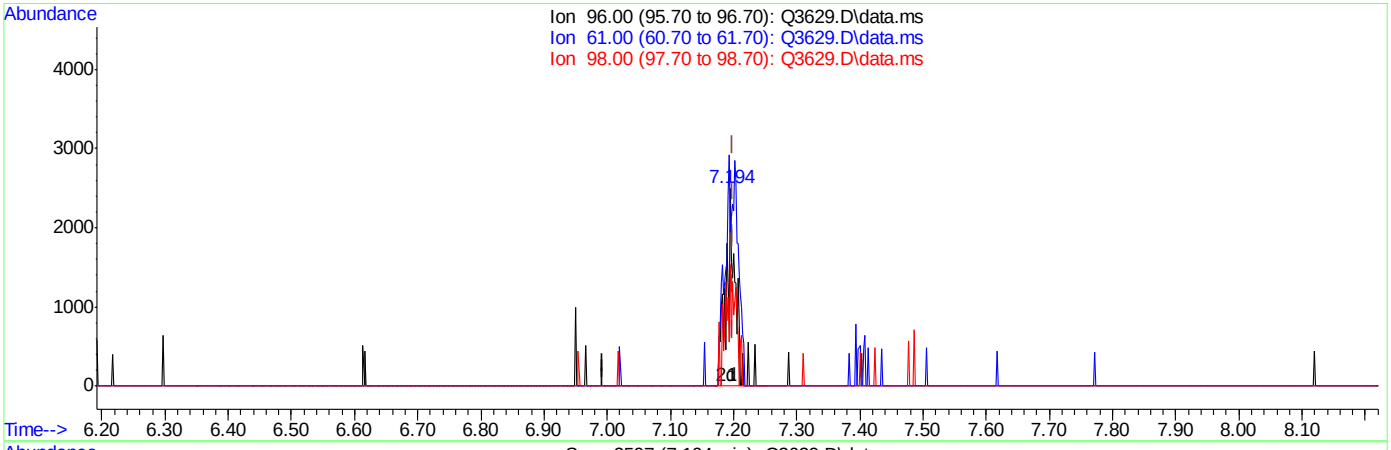
response 1375

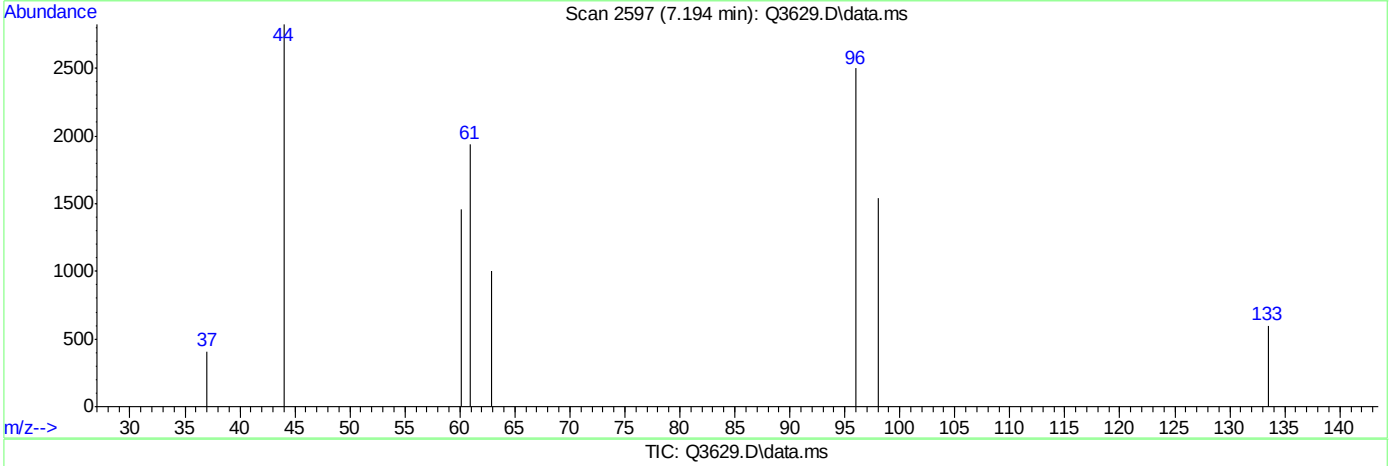
Ion	Exp%	Act%
96.00	100	100
61.00	0.00	289.89#
98.00	0.00	73.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3629.D
Acq On : 5 Jun 2007 8:08 pm
Operator : PhilipB
Sample : IC197-.2 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:09:50 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:09:45 2007
Response via : Initial Calibration





TIC: Q3629.D\data.ms

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

7.194min (-0.005) 0.16PPBV m

response 2510

Ion	Exp%	Act%
96.00	100	100
61.00	0.00	158.80#
98.00	0.00	40.08#
0.00	0.00	0.00

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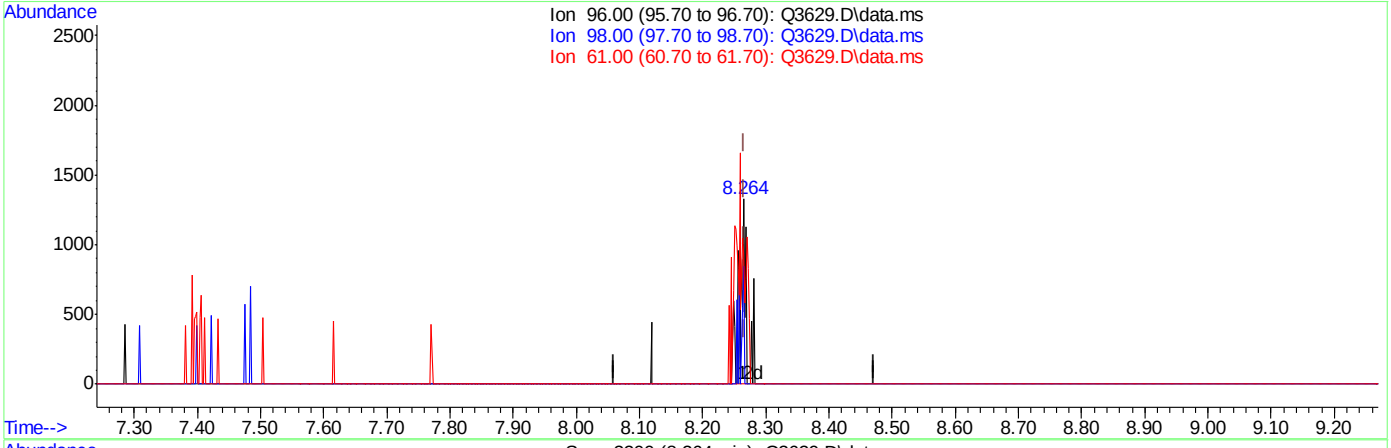
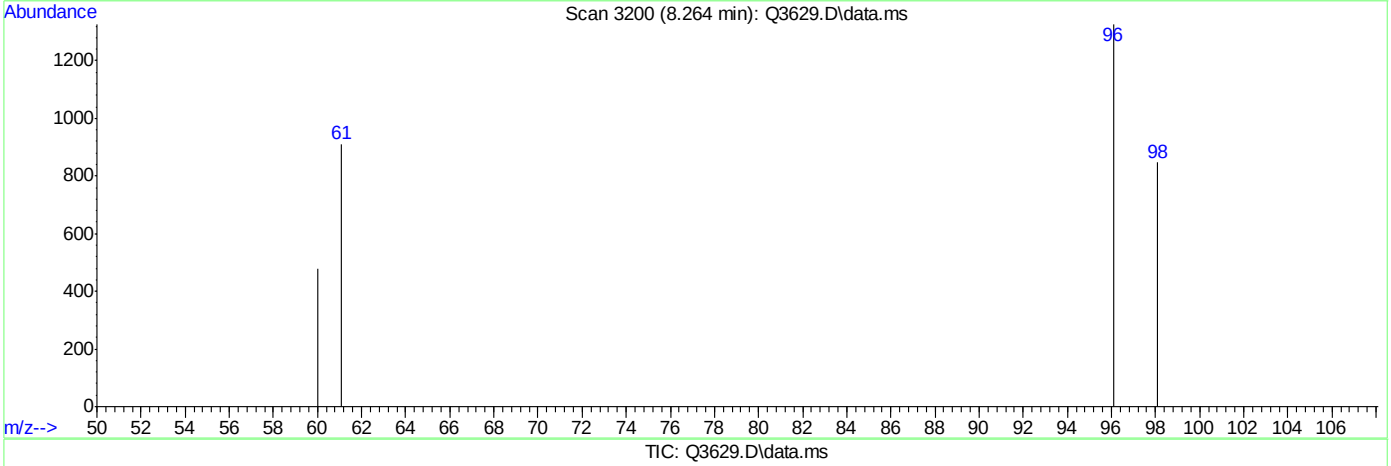
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3629.D
Acq On : 5 Jun 2007 8:08 pm
Operator : PhilipB
Sample : IC197-.2 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:09:50 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:09:45 2007
Response via : Initial Calibration





TIC: Q3629.D\data.ms

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

8.264min (-0.002) 0.11PPBV

response 750

Ion	Exp%	Act%
96.00	100	100
98.00	0.00	30.27#
61.00	0.00	208.80#
0.00	0.00	0.00

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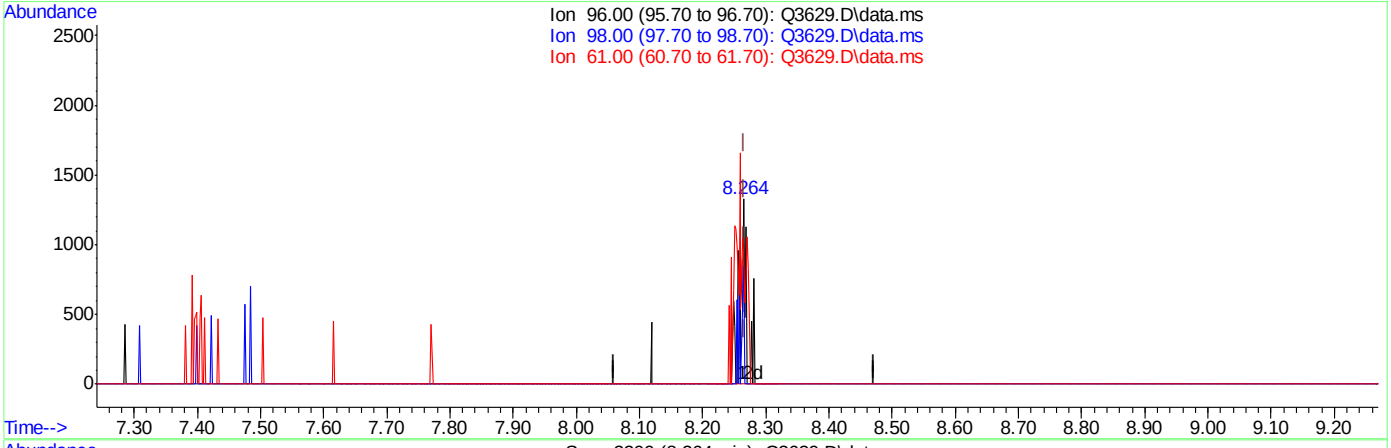
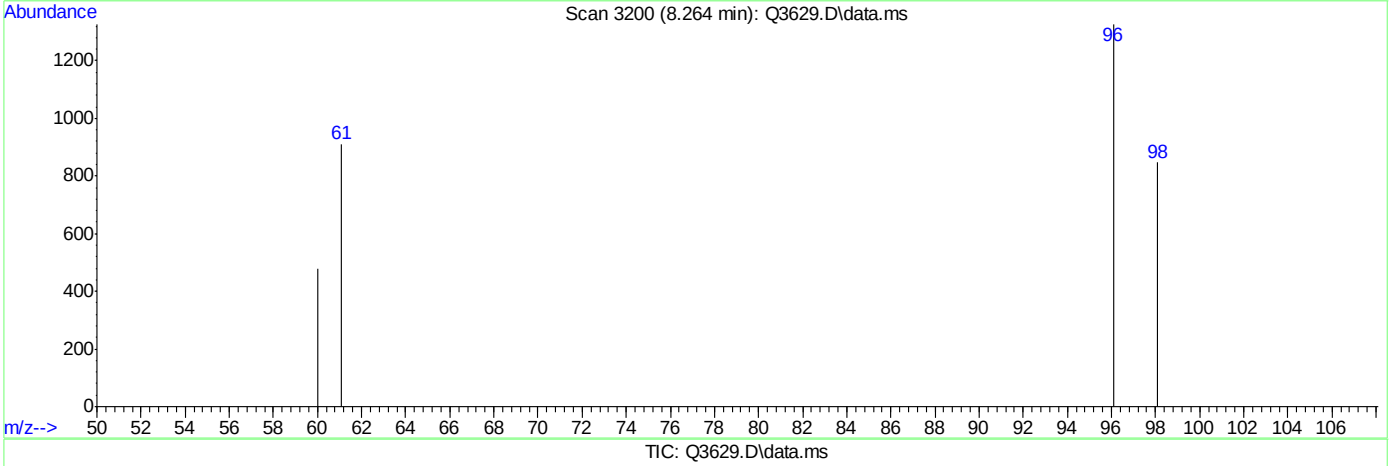
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3629.D
Acq On : 5 Jun 2007 8:08 pm
Operator : PhilipB
Sample : IC197-.2 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:09:50 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:09:45 2007
Response via : Initial Calibration





TIC: Q3629.D\data.ms

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

8.264min (-0.002) 0.12PPBV m

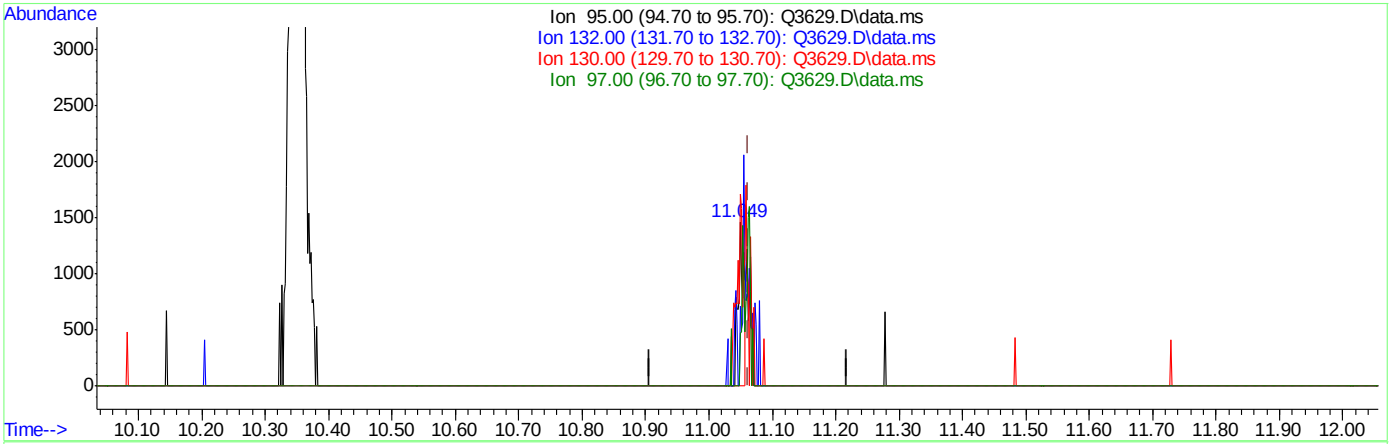
response 880

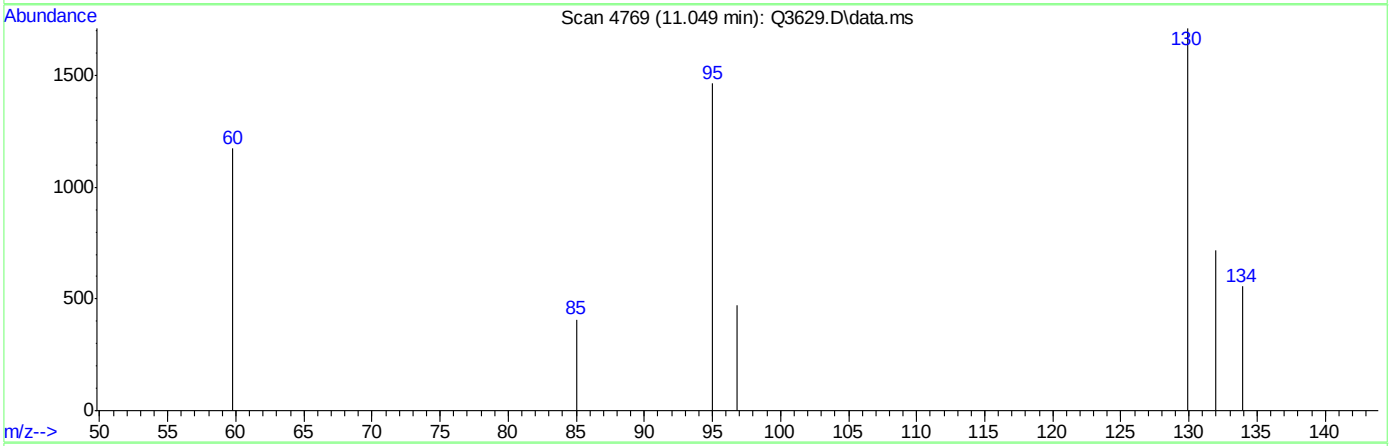
Ion	Exp%	Act%
96.00	100	100
98.00	0.00	25.80#
61.00	0.00	177.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3629.D
Acq On : 5 Jun 2007 8:08 pm
Operator : PhilipB
Sample : IC197-.2 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:09:50 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:09:45 2007
Response via : Initial Calibration





TIC: Q3629.D\data.ms

(38) TRICHLOROETHYLENE (m)

11.049min (-0.014) 0.06PPBV

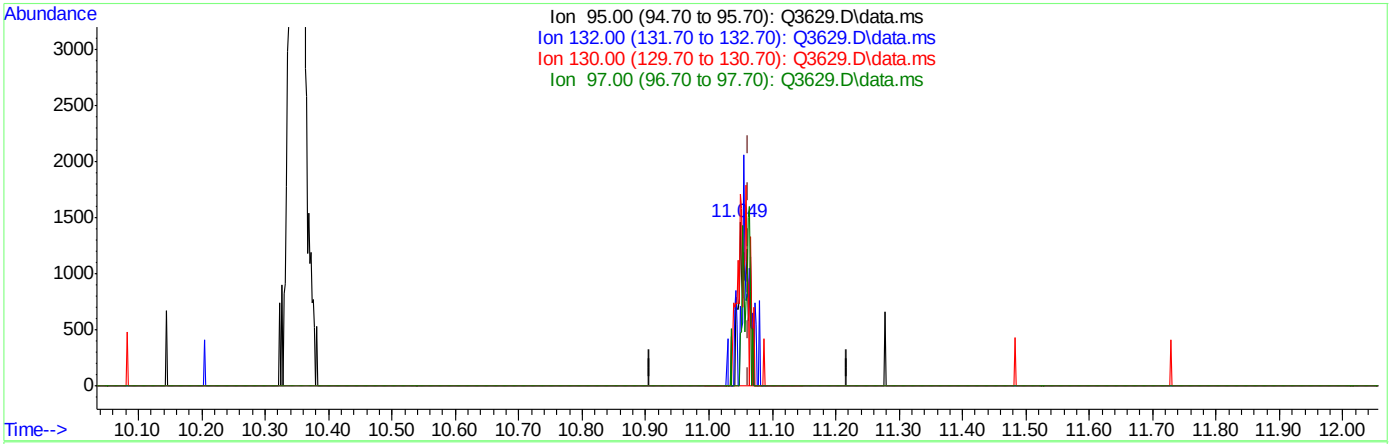
response 885

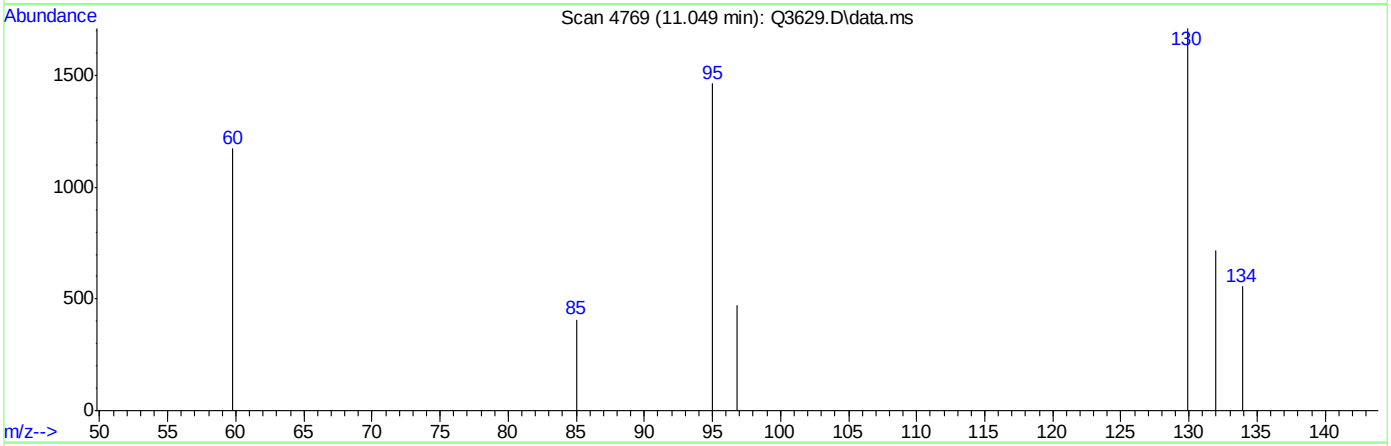
Ion	Exp%	Act%
95.00	100	100
132.00	101.00	146.21#
130.00	98.30	181.24#
97.00	65.70	47.23

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3629.D
Acq On : 5 Jun 2007 8:08 pm
Operator : PhilipB
Sample : IC197-.2 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:09:50 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:09:45 2007
Response via : Initial Calibration





TIC: Q3629.D\data.ms

(38) TRICHLOROETHYLENE (m)

11.049min (-0.014) 0.10PPBV m

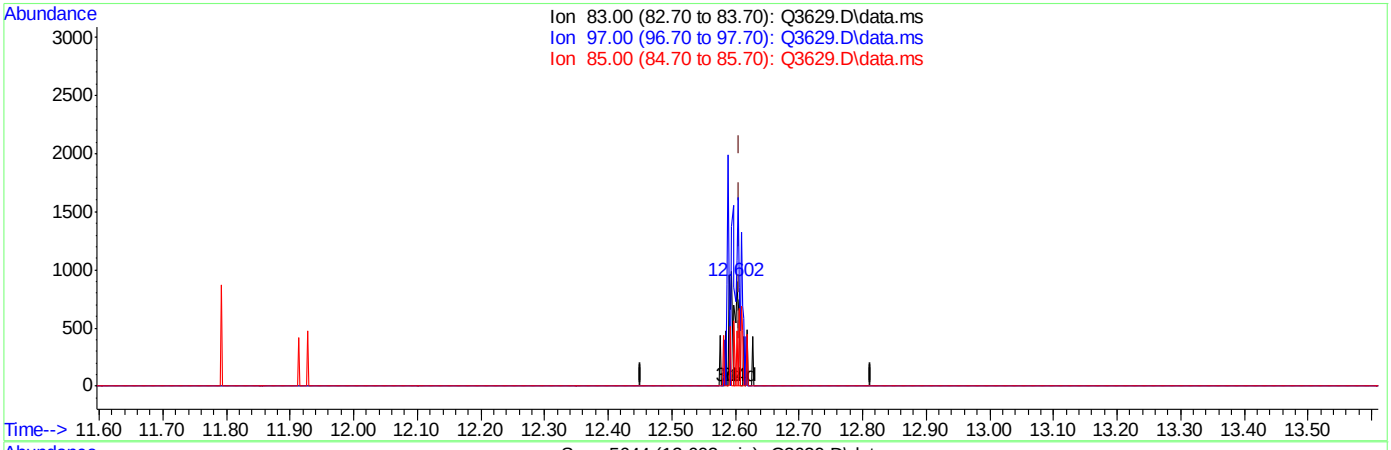
response 1487

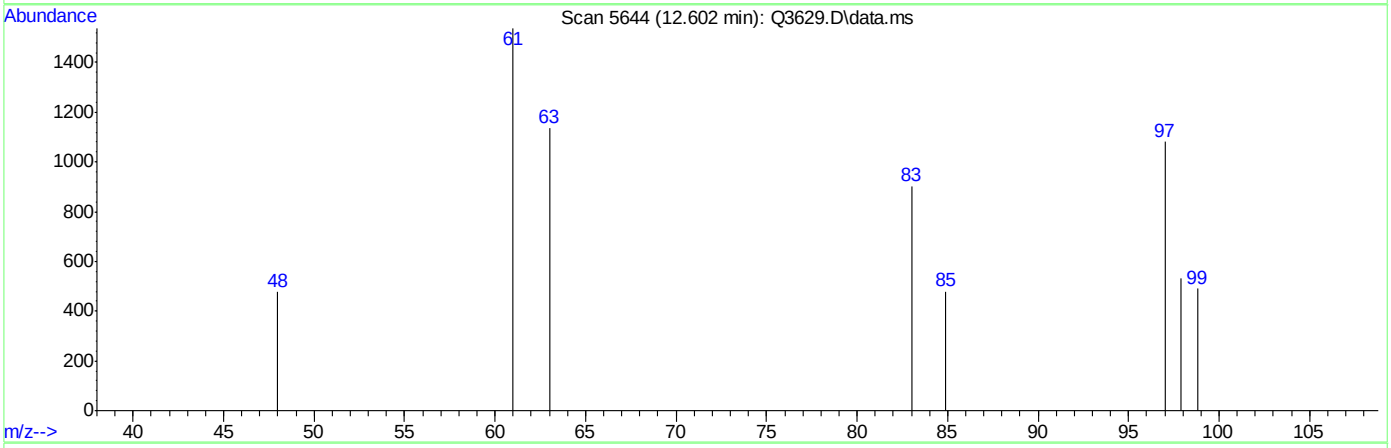
Ion	Exp%	Act%
95.00	100	100
132.00	101.00	87.02
130.00	98.30	107.87
97.00	65.70	28.11#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3629.D
Acq On : 5 Jun 2007 8:08 pm
Operator : PhilipB
Sample : IC197-.2 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:09:50 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:09:45 2007
Response via : Initial Calibration





TIC: Q3629.D\data.ms

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

12.602min (-0.005) 0.04PPBV

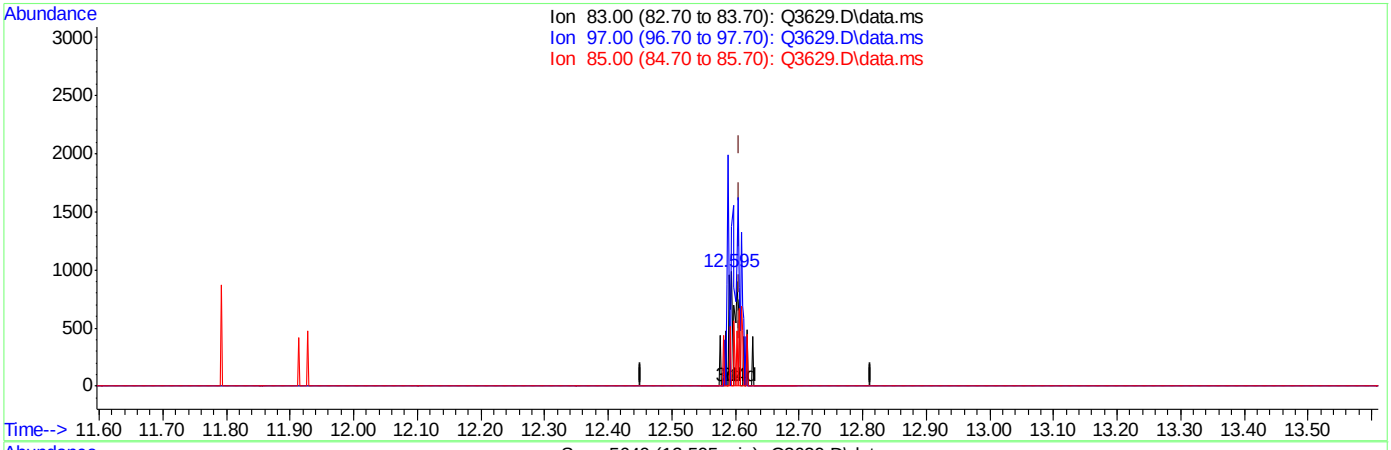
response 377

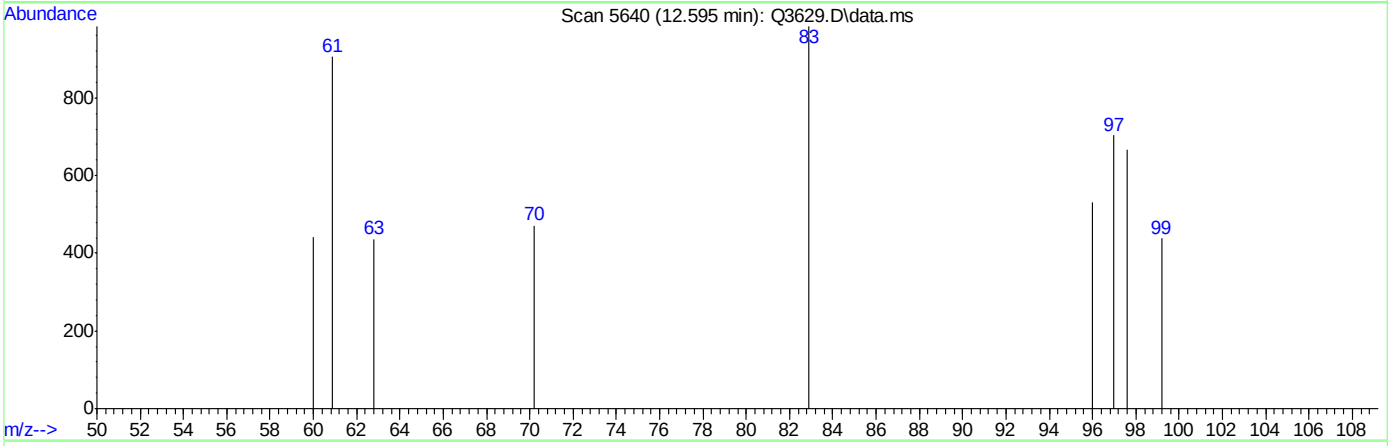
Ion	Exp%	Act%
83.00	100	100
97.00	121.10	326.79#
85.00	65.40	30.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3629.D
Acq On : 5 Jun 2007 8:08 pm
Operator : PhilipB
Sample : IC197-.2 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:09:50 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:09:45 2007
Response via : Initial Calibration





TIC: Q3629.D\data.ms

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

12.595min (-0.013) 0.10PPBV m

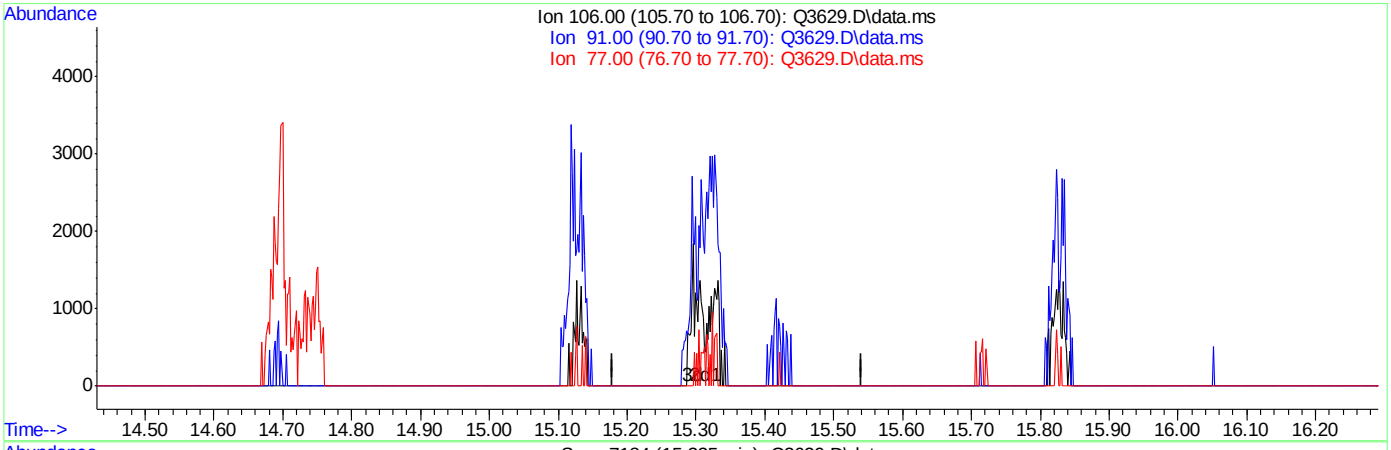
response 895

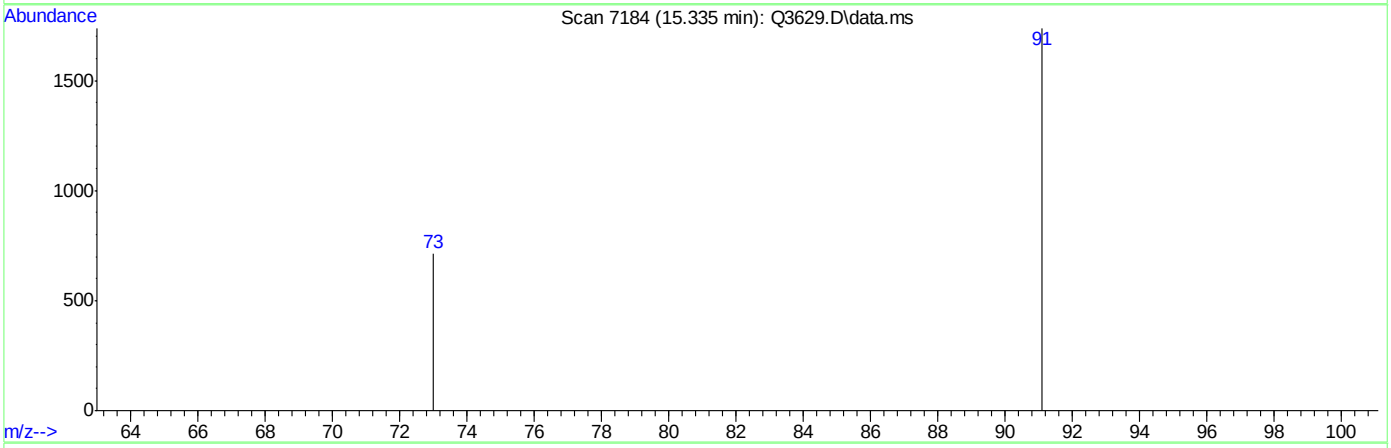
Ion	Exp%	Act%
83.00	100	100
97.00	121.10	137.65
85.00	65.40	12.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3629.D
Acq On : 5 Jun 2007 8:08 pm
Operator : PhilipB
Sample : IC197-.2 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:09:45 2007
Response via : Initial Calibration





TIC: Q3629.D\data.ms

(56) m,p-XYLENE (m)

15.335min 0.00PPBV d

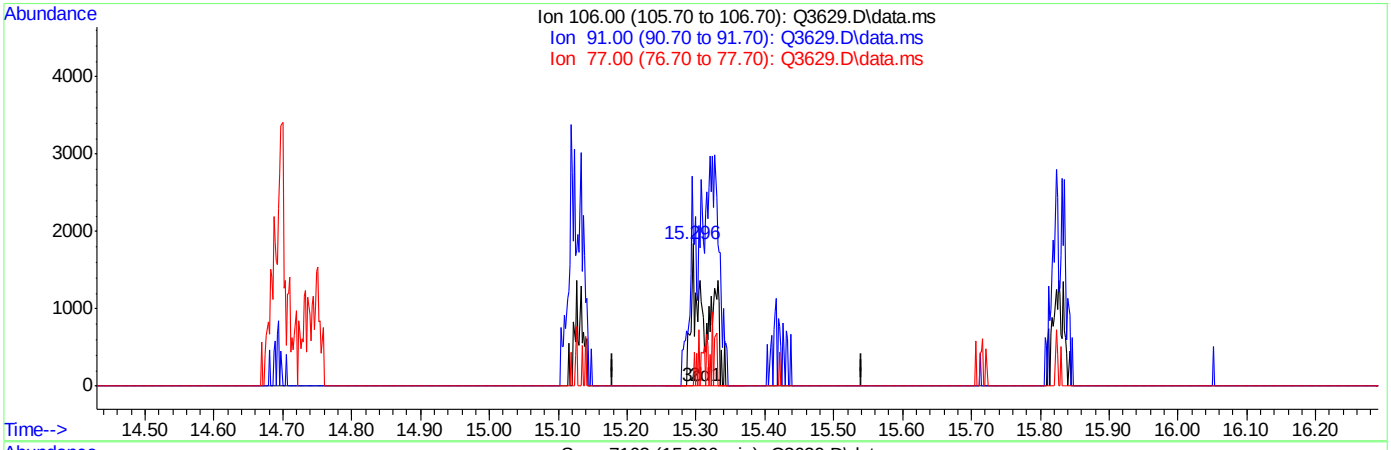
response 0

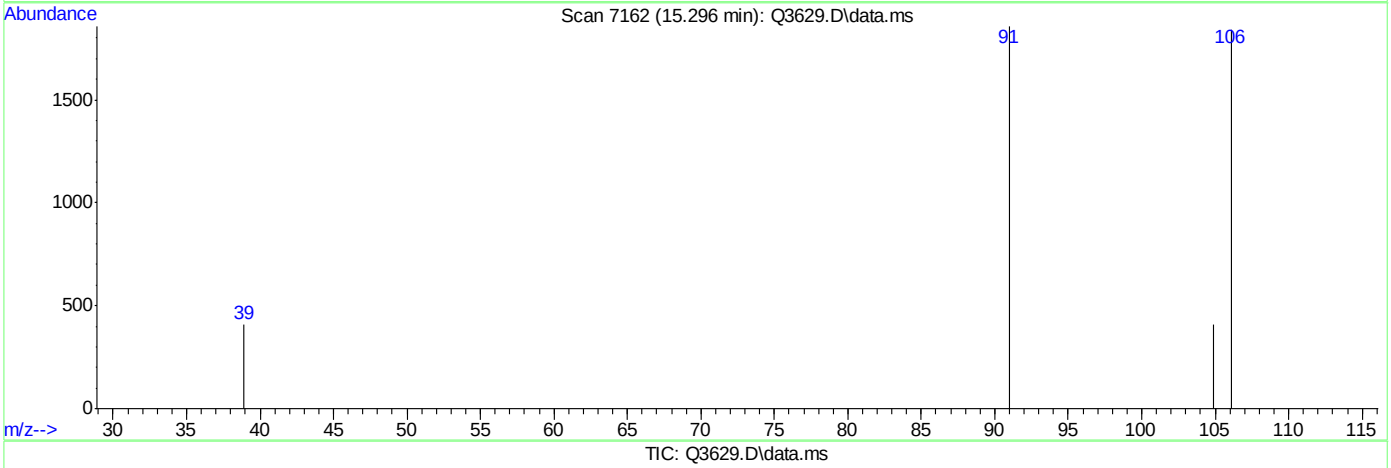
Ion	Exp%	Act%
106.00	100	0.00
91.00	204.20	0.00
77.00	30.60	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3629.D
Acq On : 5 Jun 2007 8:08 pm
Operator : PhilipB
Sample : IC197-.2 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:09:45 2007
Response via : Initial Calibration





TIC: Q3629.D\data.ms

(56) m,p-XYLENE (m)

15.296min (-0.039) 0.20PPBV m

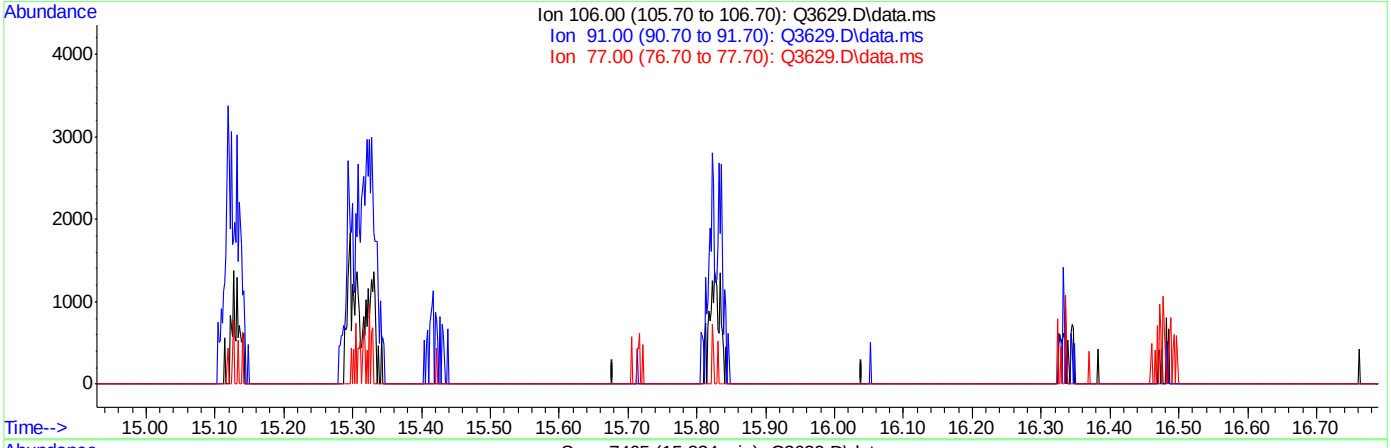
response 2820

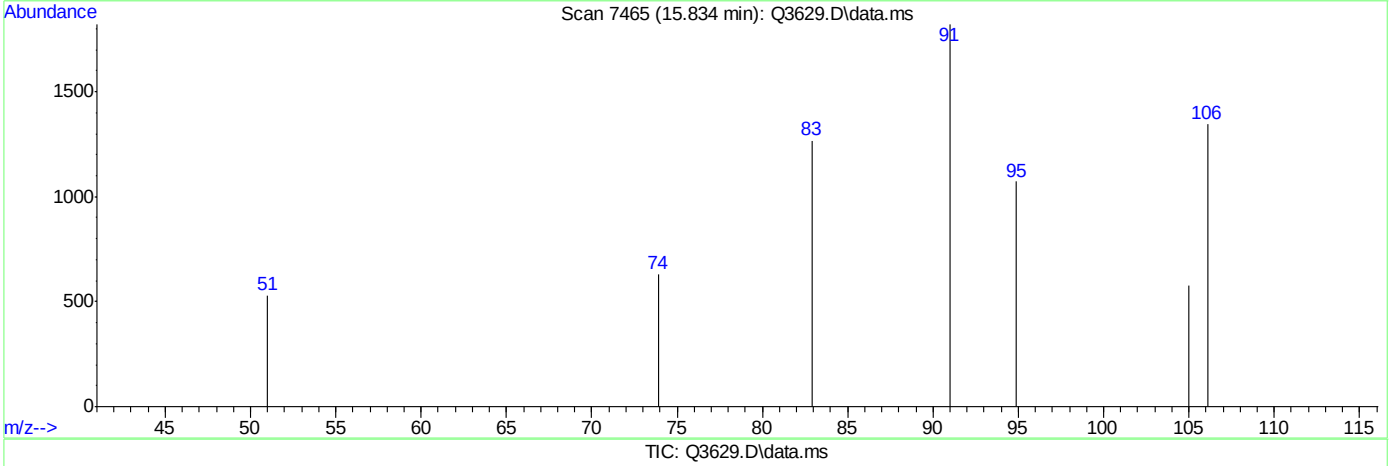
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	100.92#
77.00	30.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3629.D
Acq On : 5 Jun 2007 8:08 pm
Operator : PhilipB
Sample : IC197-.2 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:15:29 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:09:45 2007
Response via : Initial Calibration





TIC: Q3629.D\data.ms

(57) o-XYLENE (m)

15.834min 0.00PPBV d

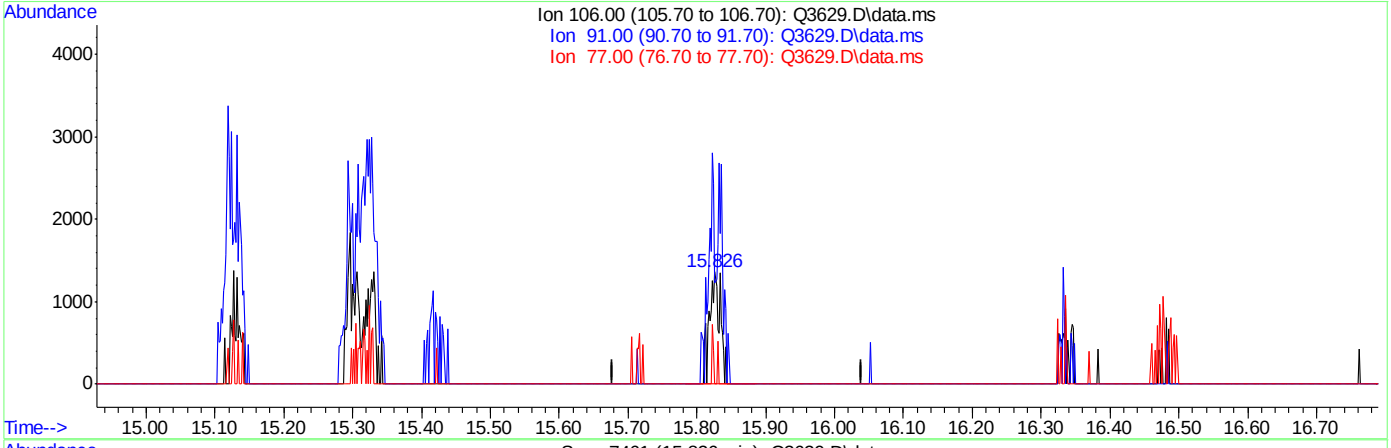
response 0

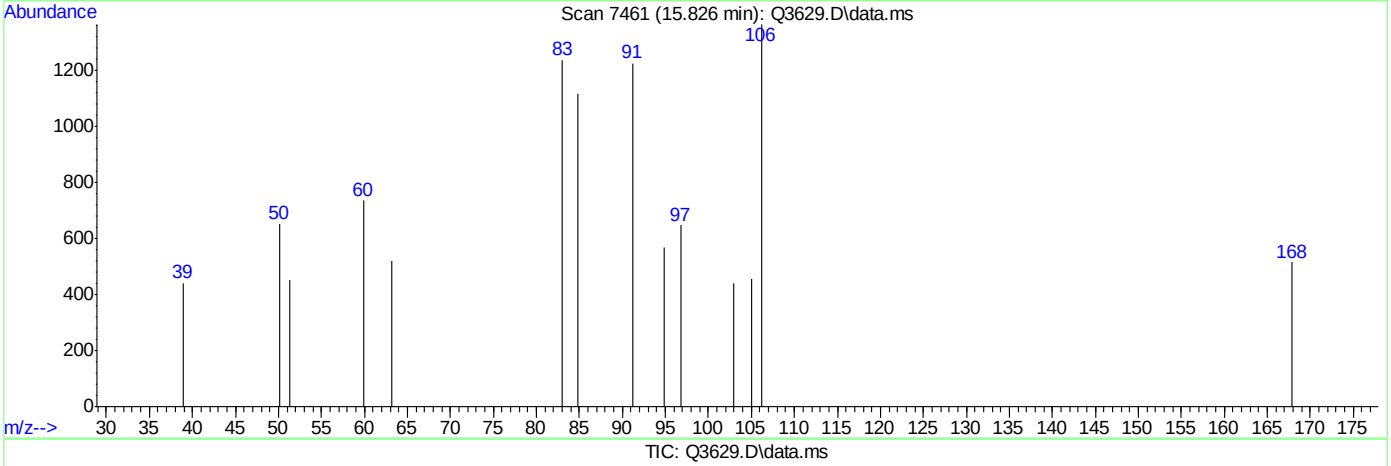
Ion	Exp%	Act%
106.00	100	0.00
91.00	223.70	0.00
77.00	30.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3629.D
Acq On : 5 Jun 2007 8:08 pm
Operator : PhilipB
Sample : IC197-.2 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:15:29 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:09:45 2007
Response via : Initial Calibration





TIC: Q3629.D\data.ms

(57) o-XYLENE (m)

15.826min (-0.007) 0.09PPBV m

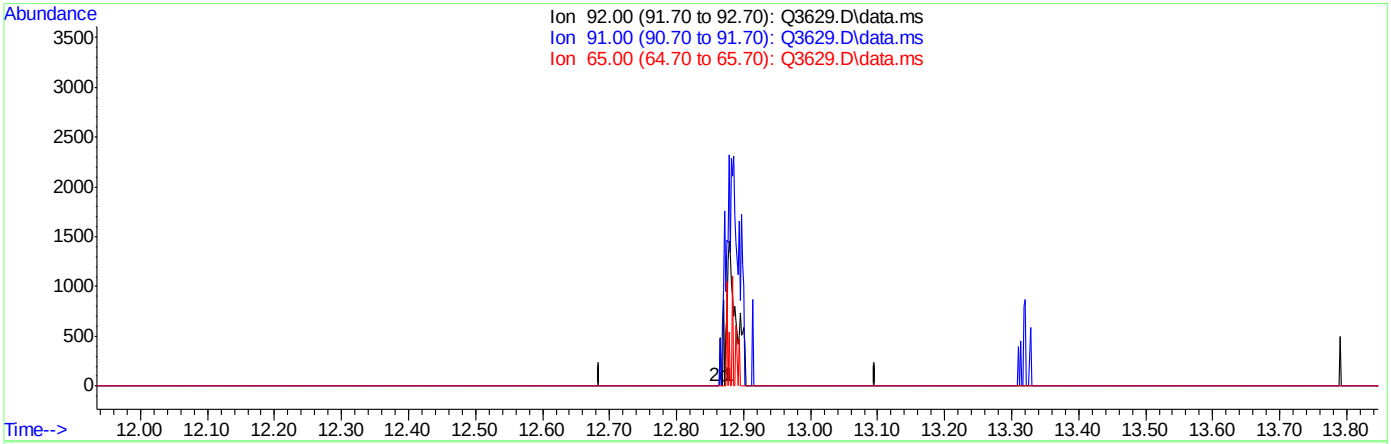
response 1511

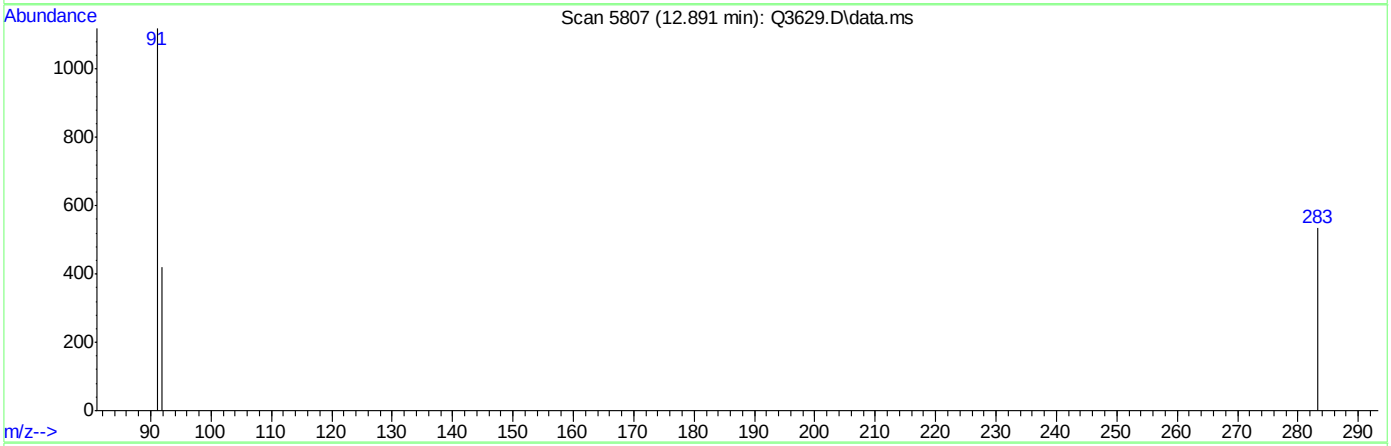
Ion	Exp%	Act%
106.00	100	100
91.00	223.70	0.00#
77.00	30.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3629.D
Acq On : 5 Jun 2007 8:08 pm
Operator : PhilipB
Sample : IC197-.2 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:16:02 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:09:45 2007
Response via : Initial Calibration





TIC: Q3629.D\data.ms

(46) TOLUENE (m)

12.891min 0.00PPBV d

response 0

Ion	Exp%	Act%
92.00	100	0.00
91.00	170.80	0.00
65.00	22.90	0.00
0.00	0.00	0.00

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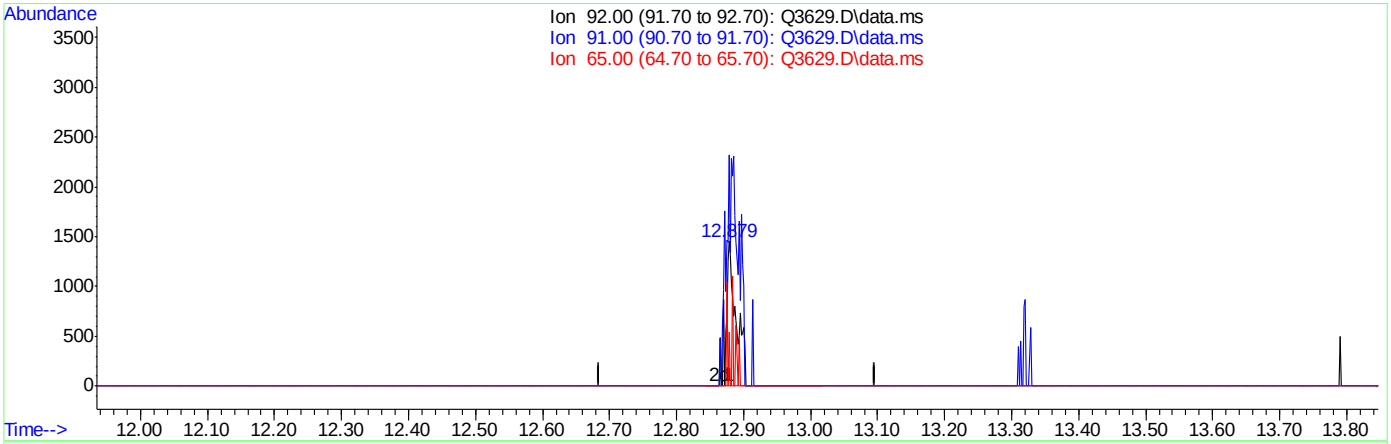
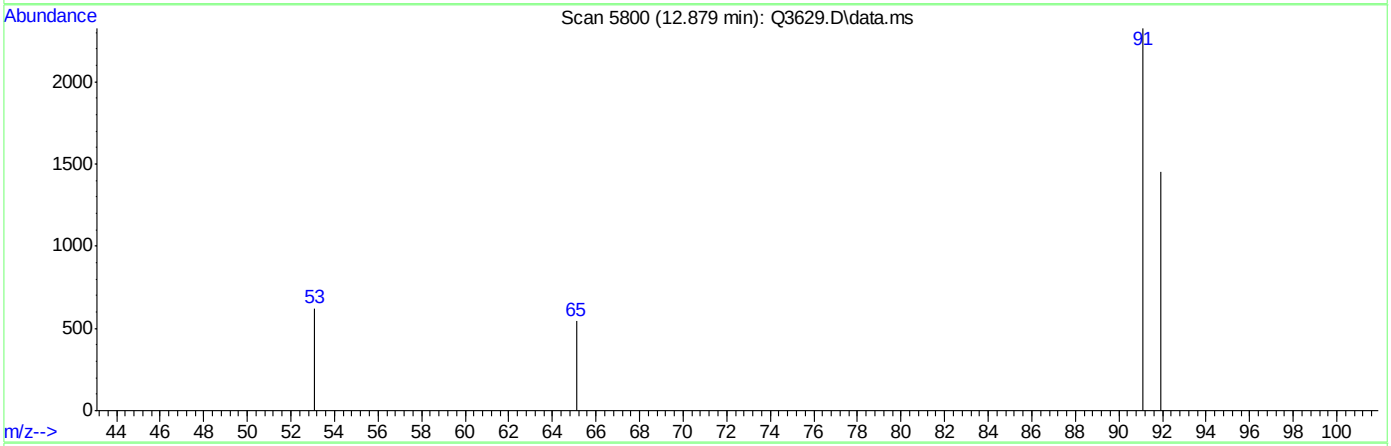
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3629.D
Acq On : 5 Jun 2007 8:08 pm
Operator : PhilipB
Sample : IC197-.2 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:16:02 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:09:45 2007
Response via : Initial Calibration





TIC: Q3629.D\data.ms

(46) TOLUENE (m)

12.879min (-0.012) 0.10PPBV m

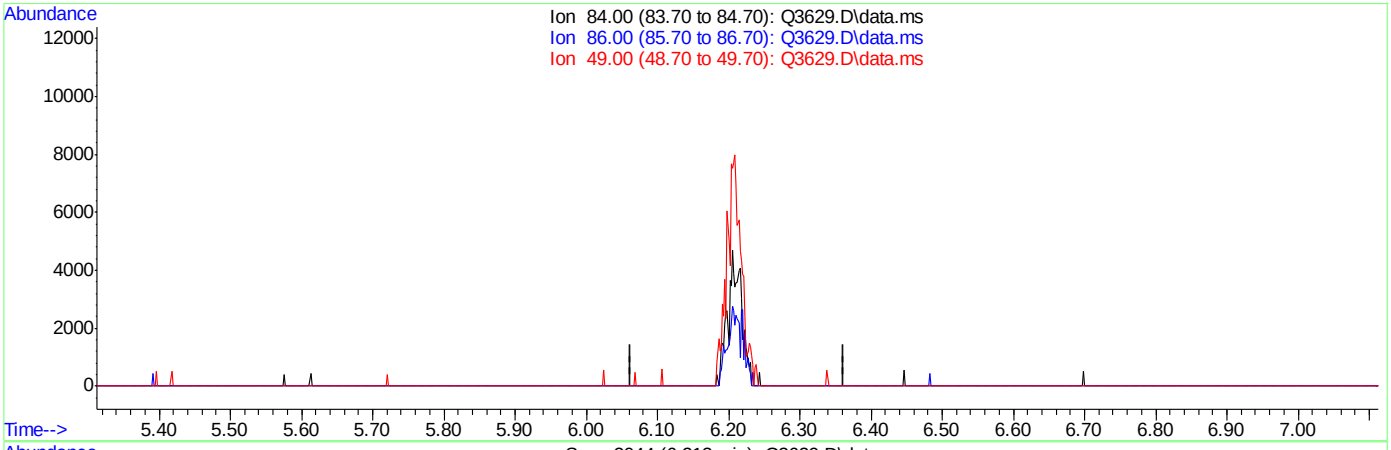
response 1538

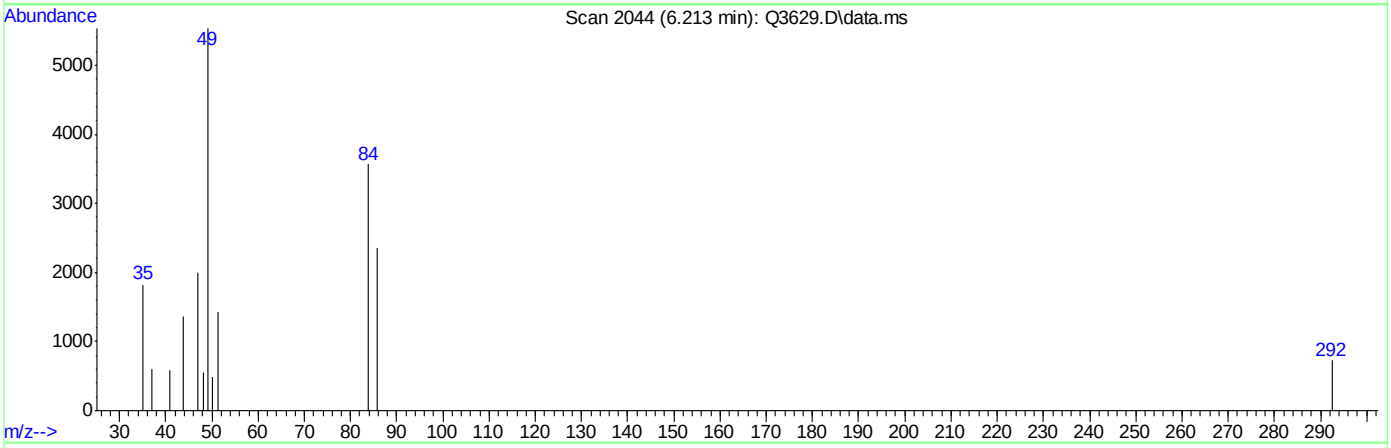
Ion	Exp%	Act%
92.00	100	100
91.00	170.80	0.00#
65.00	22.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3629.D
Acq On : 5 Jun 2007 8:08 pm
Operator : PhilipB
Sample : IC197-.2 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:18:15 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:09:45 2007
Response via : Initial Calibration





TIC: Q3629.D\data.ms

(18) METHYLENE CHLORIDE (m)

6.213min 0.00PPBV d

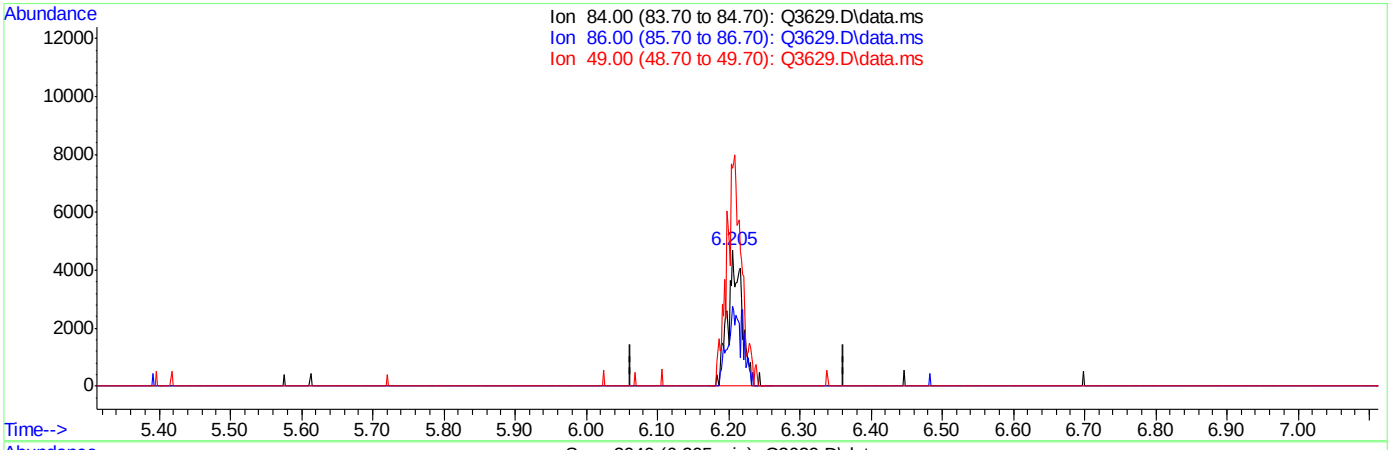
response 0

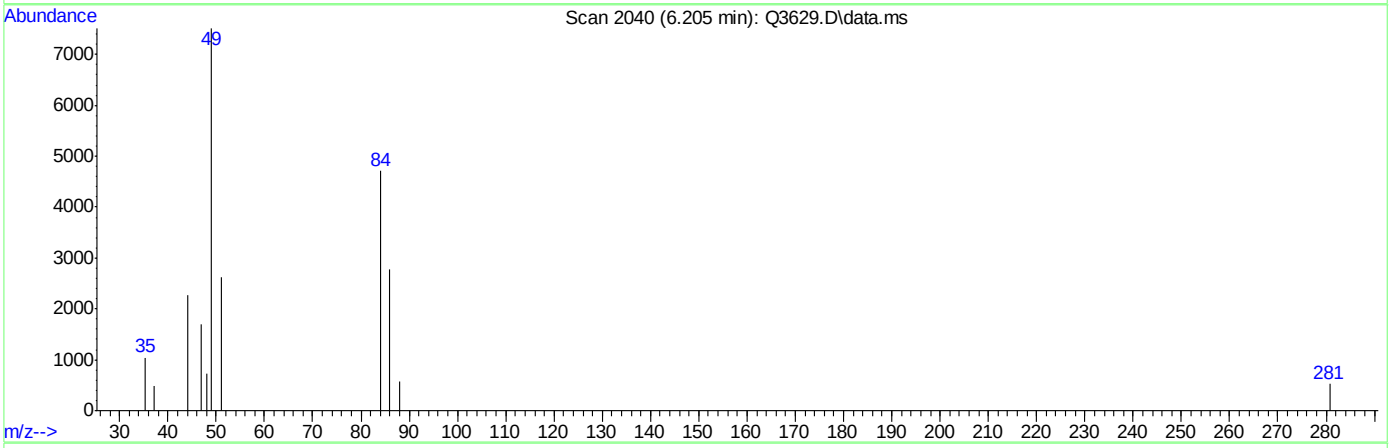
Ion	Exp%	Act%
84.00	100	0.00
86.00	1.10	0.00
49.00	4.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3629.D
Acq On : 5 Jun 2007 8:08 pm
Operator : PhilipB
Sample : IC197-.2 (M122)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 09:18:15 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 09:09:45 2007
Response via : Initial Calibration





TIC: Q3629.D\data.ms

(18) METHYLENE CHLORIDE (m)

6.205min (-0.007) 0.41PPBV m

response 6465

Ion	Exp%	Act%
84.00	100	100
86.00	1.10	0.00
49.00	4.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
06/08/07 12:42

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3631.D
Acq On : 6 Jun 2007 2:41 pm
Operator : PhilipB
Sample : ICV197-10 (M179)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 06 15:10:15 2007
Quant Method : C:\msdchem\1\METHODS\Q060507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 14:52:22 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.433	128	59824	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.351	114	245625	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.698	117	223252	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.334	95	124950	5.32	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 106.40%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.614	85	514439	7.07	PPBV	82
3) PROPYLENE	3.542	41	58041	7.87	PPBV	87
4) FREON 114	3.877	85	418671	7.34	PPBV #	100
5) CHLOROMETHANE	3.779	50	73770	7.41	PPBV	95
6) VINYL CHLORIDE	4.001	62	81238	7.22	PPBV	72
7) 1,3-BUTADIENE	4.140	39	102949	7.92	PPBV #	100
8) BROMOMETHANE	4.420	94	107995	7.08	PPBV #	100
9) CHLOROETHANE	4.594	64	41902	8.38	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.409	101	761304	8.38	PPBV #	100
11) ISOPROPYL ALCOHOL	5.458	45	226505	8.65	PPBV	89
12) ACETONE	5.204	43	267711	8.49	PPBV	84
13) PENTANE	5.781	42	135453	9.36	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.085	96	151246	8.76	PPBV #	13
15) CARBON DISULFIDE	6.539	76	433518	9.47	PPBV #	55
16) ETHANOL	4.688	45	28800	7.96	PPBV	100
17) BROMOETHENE	4.963	106	123907	7.52	PPBV #	100
18) METHYLENE CHLORIDE	6.213	84	126756	7.21	PPBV #	1
19) 3-CHLOROPROPENE	6.337	39	208434	9.58	PPBV #	1
20) FREON 113	6.482	151	462976	8.42	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.194	96	180045	9.99	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.103	59	326869	9.40	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.457	73	455617	10.48	PPBV #	100
24) TETRAHYDROFURAN	8.969	42	106704	11.41	PPBV #	100
25) HEXANE	8.470	57	120719	10.88	PPBV #	100
26) VINYL ACETATE	7.542	43	431444	11.30	PPBV	90
27) 1,1-DICHLOROETHANE	7.405	63	337144	11.13	PPBV #	100
28) METHYL ETHYL KETONE	7.801	43	251057	11.15	PPBV	95
29) cis-1,2-DICHLOROETHYLENE	8.261	96	87337	11.12	PPBV #	100
30) ETHYL ACETATE	8.474	43	399875	10.96	PPBV	100
31) CHLOROFORM	8.564	83	323090	10.39	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.560	97	391422	10.61	PPBV	91
33) CARBON TETRACHLORIDE	10.167	117	487684	10.47	PPBV	97
34) 1,2-DICHLOROETHANE	9.304	62	274845	10.68	PPBV	99
36) BENZENE	10.014	78	233457	10.69	PPBV	95
37) CYCLOHEXANE	10.291	84	80877	11.20	PPBV #	71
38) TRICHLOROETHYLENE	11.054	95	166232	10.77	PPBV	88
39) 1,2-DICHLOROPROPANE	10.827	63	89293	9.96	PPBV	94
40) BROMODICHLOROMETHANE	11.017	83	323130	9.86	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.081	57	405665	11.14	PPBV #	95
42) 1,4-DIOXANE	11.049	88	49945	11.88	PPBV #	60
43) HEPTANE	11.327	43	168080	10.77	PPBV	83

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3631.D
Acq On : 6 Jun 2007 2:41 pm
Operator : PhilipB
Sample : ICV197-10 (M179)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 06 15:10:15 2007
Quant Method : C:\msdchem\1\METHODS\Q060507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 14:52:22 2007
Response via : Initial Calibration

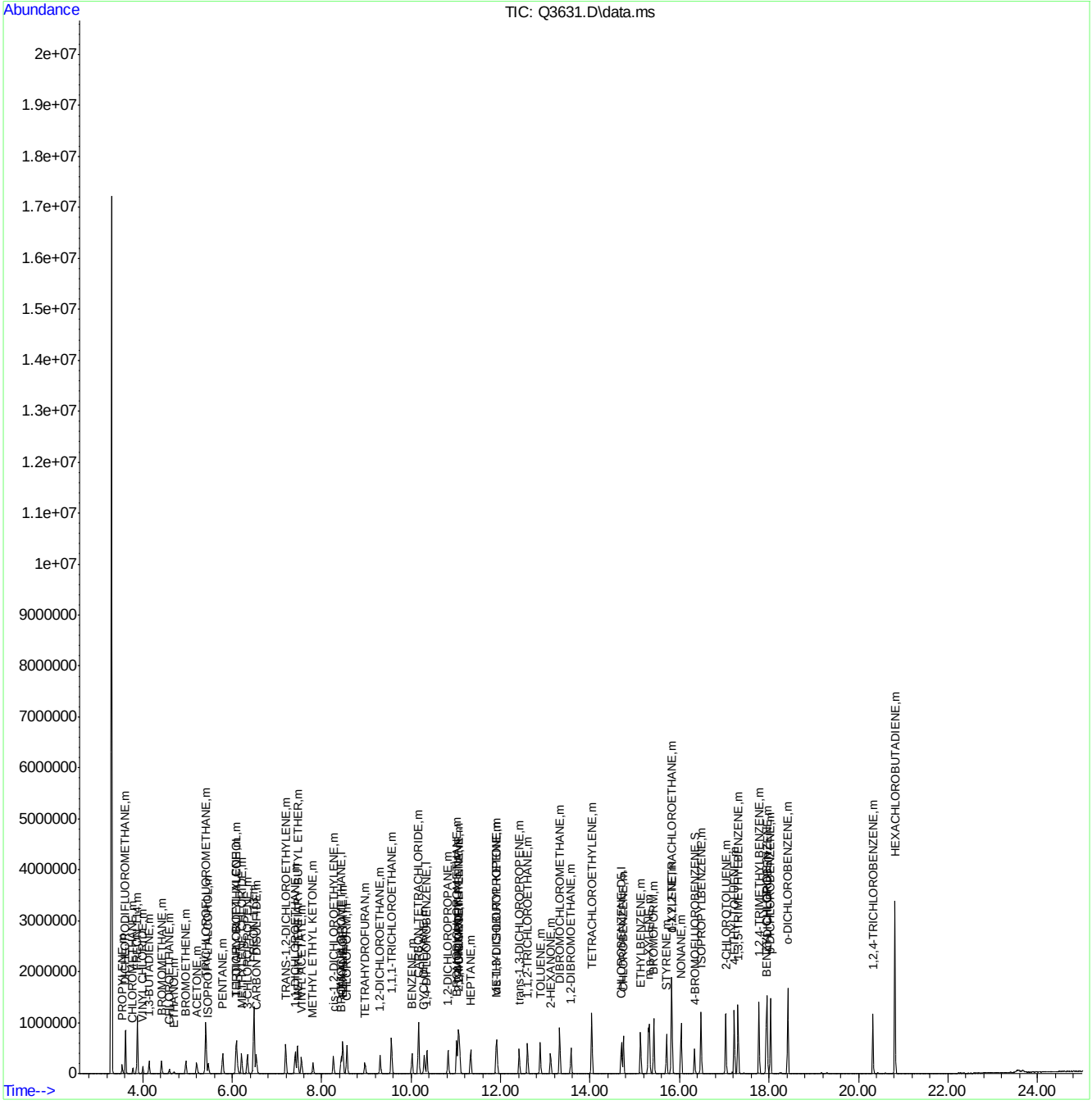
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.922	43	285968	11.38 PPBV	90
45) cis-1,3-DICHLOROPROPENE	11.901	75	180201	11.66 PPBV #	71
46) TOLUENE	12.886	92	183080	10.91 PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.417	75	180375	8.25 PPBV #	100
48) 1,1,2-TRICHLOROETHANE	12.602	83	104888	12.35 PPBV	94
50) 2-HEXANONE	13.118	43	277777	12.31 PPBV	87
51) TETRACHLOROETHYLENE	14.036	164	173189	10.66 PPBV	96
52) DIBROMOCHLOROMETHANE	13.317	129	369344	10.73 PPBV	99
53) 1,2-DIBROMOETHANE	13.574	107	246616	11.37 PPBV	100
54) CHLOROBENZENE	14.744	112	274818	10.73 PPBV	92
55) ETHYLBENZENE	15.129	91	468206	10.83 PPBV	94
56) m,p-XYLENE	15.330	106	354191m	22.57 PPBV	
57) o-XYLENE	15.828	106	209277	10.82 PPBV #	86
58) STYRENE	15.709	104	273726	9.00 PPBV	93
59) NONANE	16.034	43	344356	11.85 PPBV	90
60) BROMOFORM	15.422	173	400477	11.48 PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.821	83	352751	13.30 PPBV	96
63) ISOPROPYLBENZENE	16.481	105	660633	10.27 PPBV	94
64) 2-CHLOROTOLUENE	17.032	91	508071	9.83 PPBV	92
65) 4-ETHYLTOLUENE	17.221	105	607371	8.90 PPBV	94
66) 1,3,5-TRIMETHYLBENZENE	17.307	105	592251	9.45 PPBV	93
67) 1,2,4-TRIMETHYLBENZENE	17.775	105	593912	9.37 PPBV	93
68) m-DICHLOROBENZENE	17.958	146	429284	10.05 PPBV	98
69) BENZYL CHLORIDE	17.935	91	484472	10.02 PPBV	92
70) p-DICHLOROBENZENE	18.034	146	415278	9.84 PPBV	97
71) o-DICHLOROBENZENE	18.419	146	515292	10.31 PPBV	99
72) HEXACHLOROBUTADIENE	20.814	225	414549	15.35 PPBV	97
73) 1,2,4-TRICHLOROBENZENE	20.324	180	253060	16.71 PPBV	95

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3631.D
Acq On : 6 Jun 2007 2:41 pm
Operator : PhilipB
Sample : ICV197-10 (M179)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 4 Sample Multiplier: 1

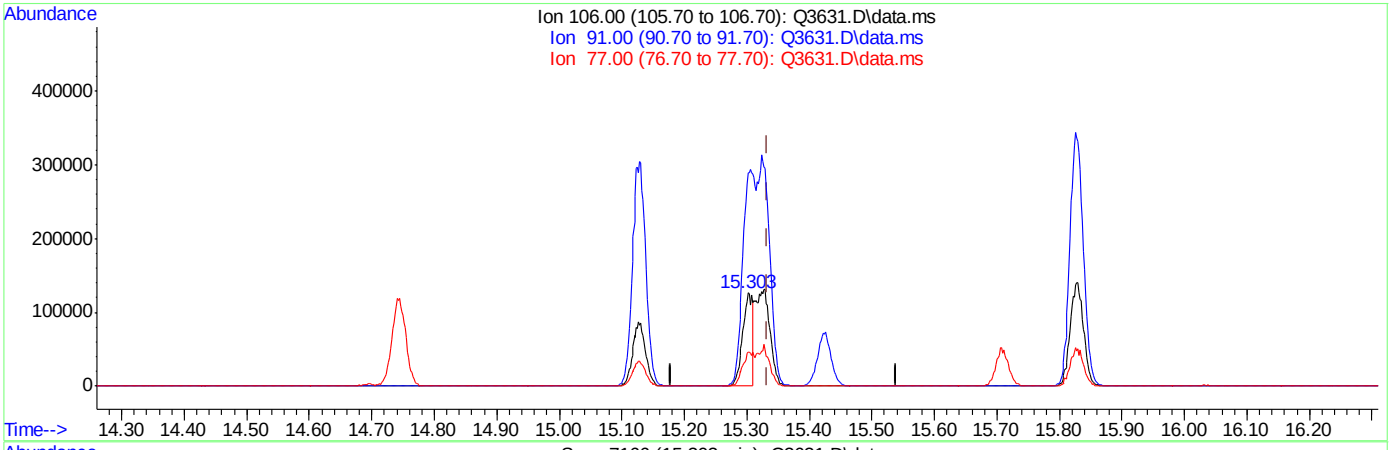
Quant Time: Jun 06 15:10:15 2007
Quant Method : C:\msdchem\1\METHODS\Q060507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 14:52:22 2007
Response via : Initial Calibration

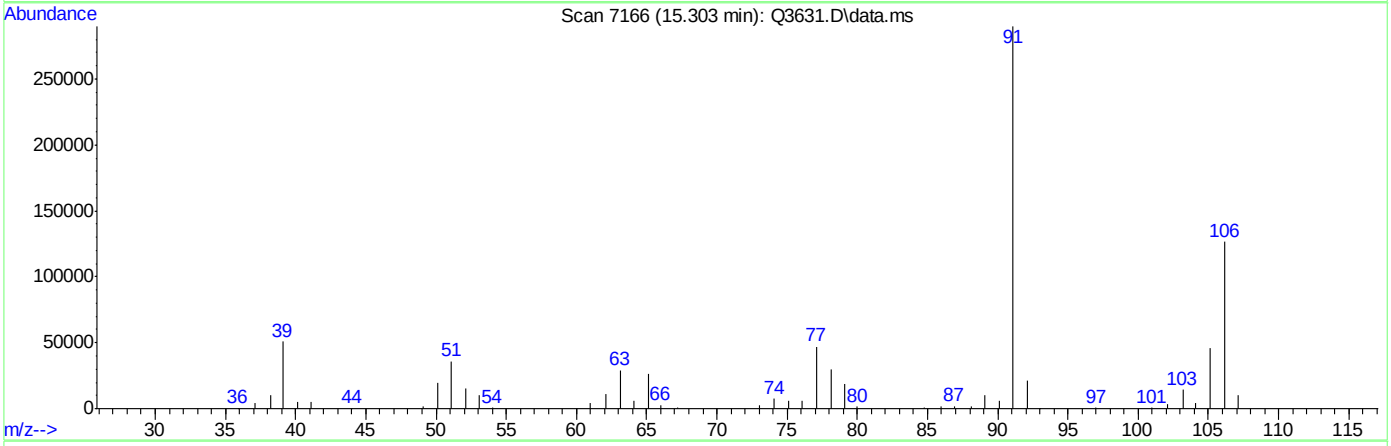


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3631.D
Acq On : 6 Jun 2007 2:41 pm
Operator : PhilipB
Sample : ICV197-10 (M179)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 06 15:09:56 2007
Quant Method : C:\msdchem\1\METHODS\Q060507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 14:52:22 2007
Response via : Initial Calibration





TIC: Q3631.D\data.ms

(56) m,p-XYLENE (m)

15.303min (-0.031) 10.06PPBV

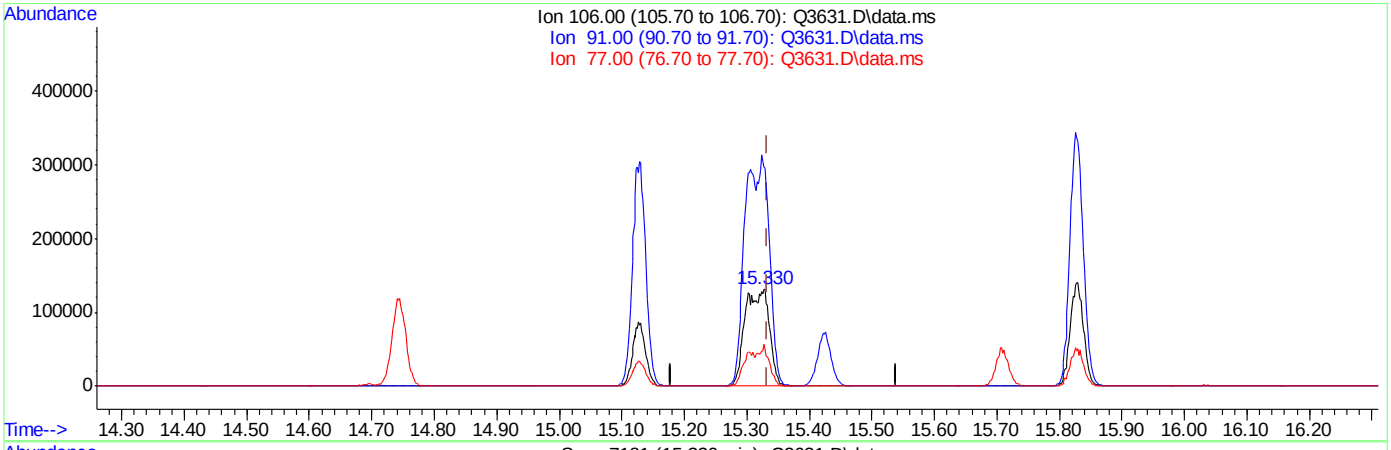
response 140154

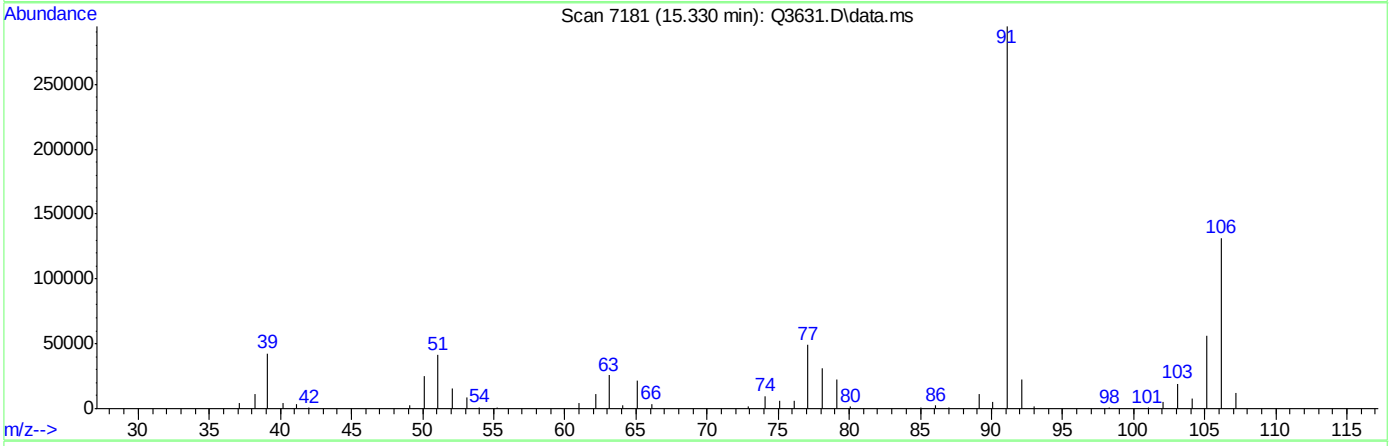
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	229.36
77.00	30.60	37.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3631.D
Acq On : 6 Jun 2007 2:41 pm
Operator : PhilipB
Sample : ICV197-10 (M179)
Misc : MS13684, MSQ197,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 06 15:09:56 2007
Quant Method : C:\msdchem\1\METHODS\Q060507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 14:52:22 2007
Response via : Initial Calibration





TIC: Q3631.D\data.ms

(56) m,p-XYLENE (m)

15.330min (-0.004) 22.57PPBV m

response 354191

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	223.93
77.00	30.60	37.28#
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
06/08/07 15:47

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3632.D
Acq On : 6 Jun 2007 3:26 pm
Operator : PhilipB
Sample : CC197-10 (M179)
Misc : MS13699, MSQ198,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 06 16:16:56 2007
Quant Method : C:\msdchem\1\METHODS\Q060507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 14:52:22 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.436	128	62280	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.351	114	248885	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	227029	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.334	95	128557	5.38	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 107.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.613	85	665137	8.78	PPBV	84
3) PROPYLENE	3.538	41	83921	10.93	PPBV	92
4) FREON 114	3.875	85	529647	8.92	PPBV #	100
5) CHLOROMETHANE	3.776	50	101621	9.81	PPBV	95
6) VINYL CHLORIDE	4.001	62	106014	9.05	PPBV	74
7) 1,3-BUTADIENE	4.138	39	119482	8.83	PPBV #	100
8) BROMOMETHANE	4.420	94	124777	7.86	PPBV #	100
9) CHLOROETHANE	4.594	64	46344	8.90	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.407	101	839719	8.88	PPBV #	100
11) ISOPROPYL ALCOHOL	5.460	45	251071	9.22	PPBV	95
12) ACETONE	5.201	43	267826	8.16	PPBV	82
13) PENTANE	5.785	42	142848	9.48	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.079	96	173309	9.64	PPBV #	19
15) CARBON DISULFIDE	6.537	76	476390	10.00	PPBV #	60
16) ETHANOL	4.688	45	29291	7.78	PPBV	100
17) BROMOETHENE	4.960	106	141236	8.23	PPBV #	100
18) METHYLENE CHLORIDE	6.205	84	144759	7.94	PPBV #	1
19) 3-CHLOROPROPENE	6.333	39	214469	9.47	PPBV #	1
20) FREON 113	6.484	151	535756	9.36	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.194	96	197907	10.55	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.103	59	350988	9.70	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.455	73	476191	10.53	PPBV #	100
24) TETRAHYDROFURAN	8.963	42	104077	10.69	PPBV #	100
25) HEXANE	8.468	57	113676	9.84	PPBV #	100
26) VINYL ACETATE	7.544	43	426974	10.74	PPBV	87
27) 1,1-DICHLOROETHANE	7.405	63	349266	11.08	PPBV #	100
28) METHYL ETHYL KETONE	7.805	43	241695	10.31	PPBV	92
29) cis-1,2-DICHLOROETHYLENE	8.262	96	86047	10.52	PPBV #	100
30) ETHYL ACETATE	8.474	43	374676	9.87	PPBV	100
31) CHLOROFORM	8.564	83	317724	9.82	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.558	97	396423	10.33	PPBV	94
33) CARBON TETRACHLORIDE	10.165	117	468970	9.67	PPBV	96
34) 1,2-DICHLOROETHANE	9.302	62	275266	10.28	PPBV	98
36) BENZENE	10.018	78	219350	9.92	PPBV	95
37) CYCLOHEXANE	10.289	84	78550	10.73	PPBV #	79
38) TRICHLOROETHYLENE	11.058	95	161768	10.41	PPBV	90
39) 1,2-DICHLOROPROPANE	10.827	63	86717	9.55	PPBV	99
40) BROMODICHLOROMETHANE	11.015	83	325049	9.79	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.079	57	384320	10.41	PPBV	96
42) 1,4-DIOXANE	11.045	88	47150	11.19	PPBV #	70
43) HEPTANE	11.329	43	158169	10.00	PPBV	84

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3632.D
Acq On : 6 Jun 2007 3:26 pm
Operator : PhilipB
Sample : CC197-10 (M179)
Misc : MS13699, MSQ198,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 06 16:16:56 2007
Quant Method : C:\msdchem\1\METHODS\Q060507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 14:52:22 2007
Response via : Initial Calibration

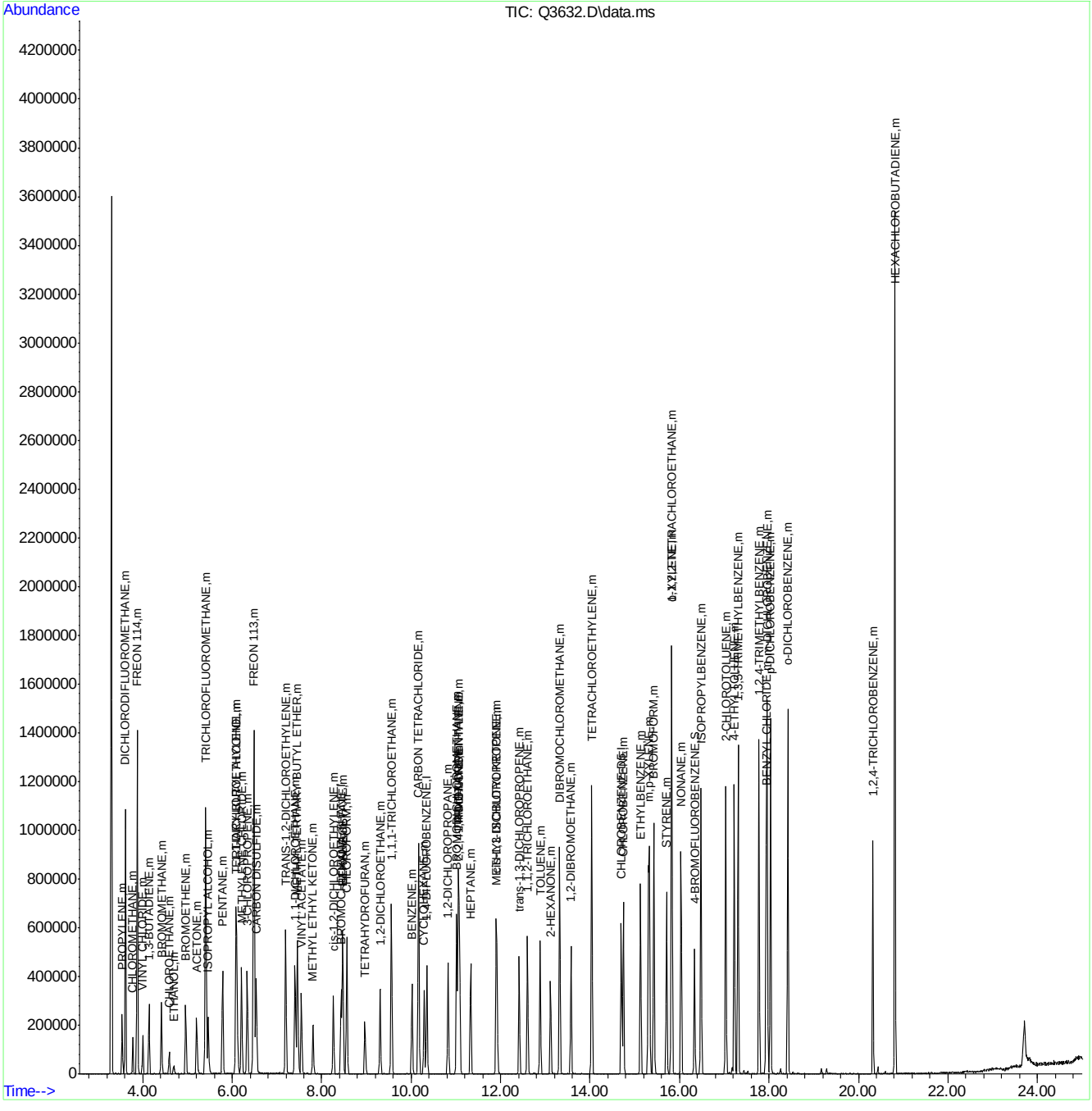
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.918	43	267993	10.52 PPBV	89
45) cis-1,3-DICHLOROPROPENE	11.902	75	171438	10.95 PPBV #	72
46) TOLUENE	12.882	92	171140	10.20 PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.415	75	174579	7.95 PPBV #	99
48) 1,1,2-TRICHLOROETHANE	12.602	83	99980	11.62 PPBV	93
50) 2-HEXANONE	13.115	43	254950	11.11 PPBV	89
51) TETRACHLOROETHYLENE	14.036	164	181183	10.97 PPBV	97
52) DIBROMOCHLOROMETHANE	13.319	129	376399	10.76 PPBV	99
53) 1,2-DIBROMOETHANE	13.573	107	250848	11.37 PPBV	98
54) CHLOROBENZENE	14.742	112	265030	10.17 PPBV	92
55) ETHYLBENZENE	15.129	91	446201	10.14 PPBV	95
56) m,p-XYLENE	15.324	106	347729m	21.93 PPBV	
57) o-XYLENE	15.827	106	194706	10.06 PPBV #	85
58) STYRENE	15.706	104	253987	8.35 PPBV	94
59) NONANE	16.032	43	319444	10.81 PPBV	90
60) BROMOFORM	15.425	173	385817	11.00 PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.819	83	327761	12.15 PPBV	98
63) ISOPROPYLBENZENE	16.481	105	637107	9.82 PPBV	95
64) 2-CHLOROTOLUENE	17.032	91	489204	9.36 PPBV	93
65) 4-ETHYLTOLUENE	17.223	105	586479	8.51 PPBV	95
66) 1,3,5-TRIMETHYLBENZENE	17.307	105	581750	9.18 PPBV	94
67) 1,2,4-TRIMETHYLBENZENE	17.773	105	587293	9.14 PPBV	94
68) m-DICHLOROBENZENE	17.956	146	433027	9.98 PPBV	96
69) BENZYL CHLORIDE	17.935	91	480300	9.80 PPBV	93
70) p-DICHLOROBENZENE	18.033	146	422258	9.83 PPBV	97
71) o-DICHLOROBENZENE	18.419	146	416291	8.48 PPBV	98
72) HEXACHLOROBUTADIENE	20.814	225	432486	15.63 PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.322	180	198581	13.72 PPBV	94

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3632.D
Acq On : 6 Jun 2007 3:26 pm
Operator : PhilipB
Sample : CC197-10 (M179)
Misc : MS13699, MSQ198,,,,,1
ALS Vial : 4 Sample Multiplier: 1

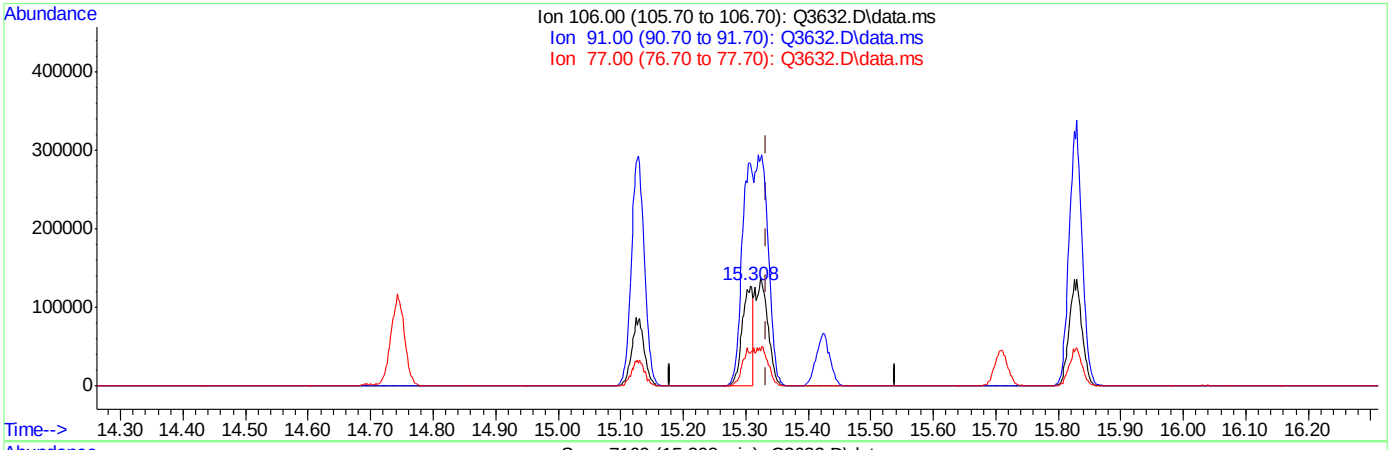
Quant Time: Jun 06 16:16:56 2007
Quant Method : C:\msdchem\1\METHODS\Q060507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 14:52:22 2007
Response via : Initial Calibration

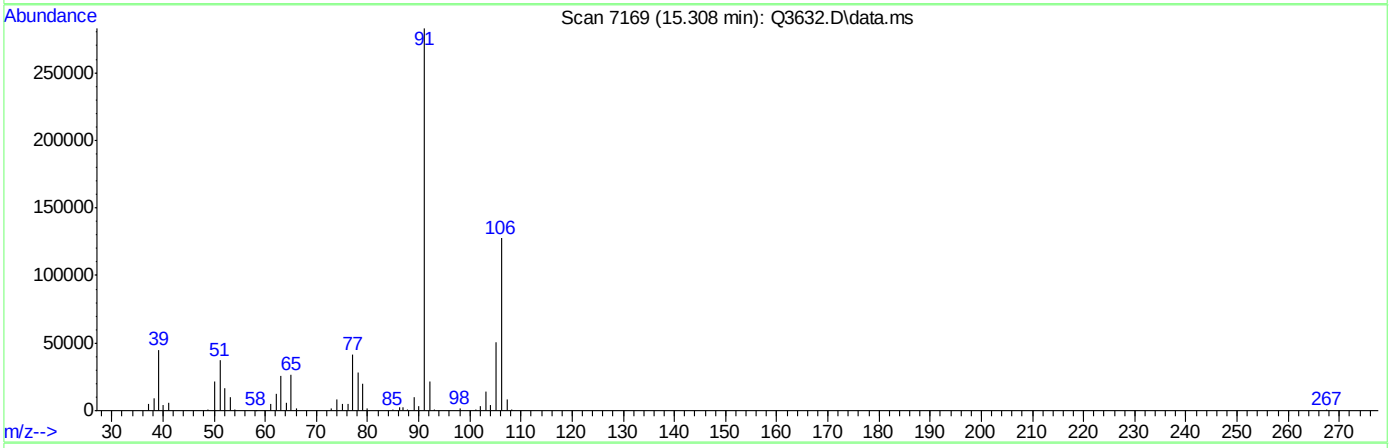


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3632.D
Acq On : 6 Jun 2007 3:26 pm
Operator : PhilipB
Sample : CC197-10 (M179)
Misc : MS13699, MSQ198,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 06 16:16:39 2007
Quant Method : C:\msdchem\1\METHODS\Q060507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 14:52:22 2007
Response via : Initial Calibration





TIC: Q3632.D\data.ms

(56) m,p-XYLENE (m)

15.308min (-0.026) 10.68PPBV

response 151935

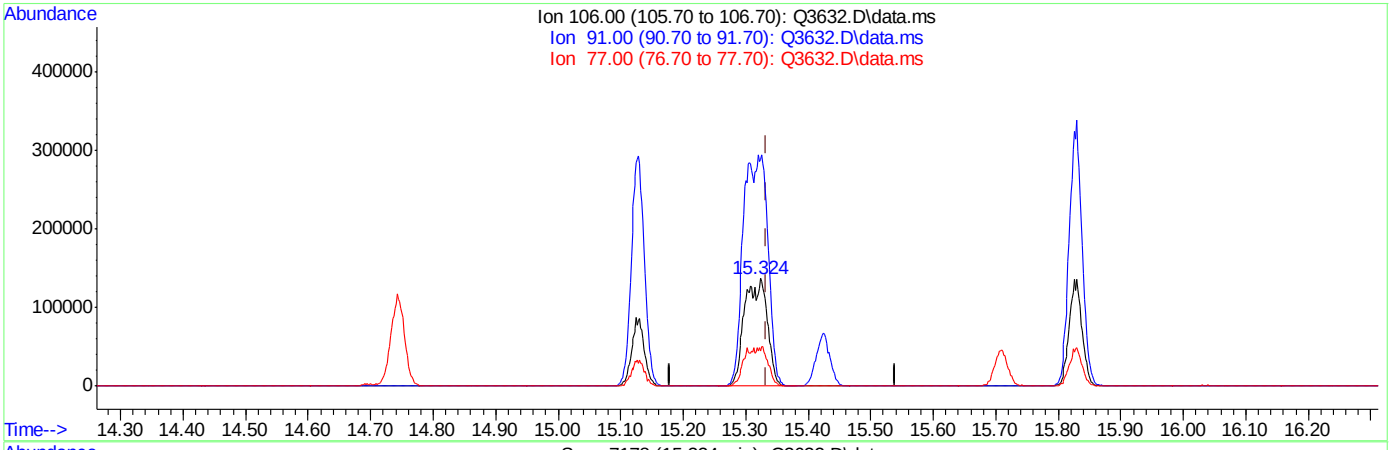
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	221.64
77.00	30.60	32.46
0.00	0.00	0.00

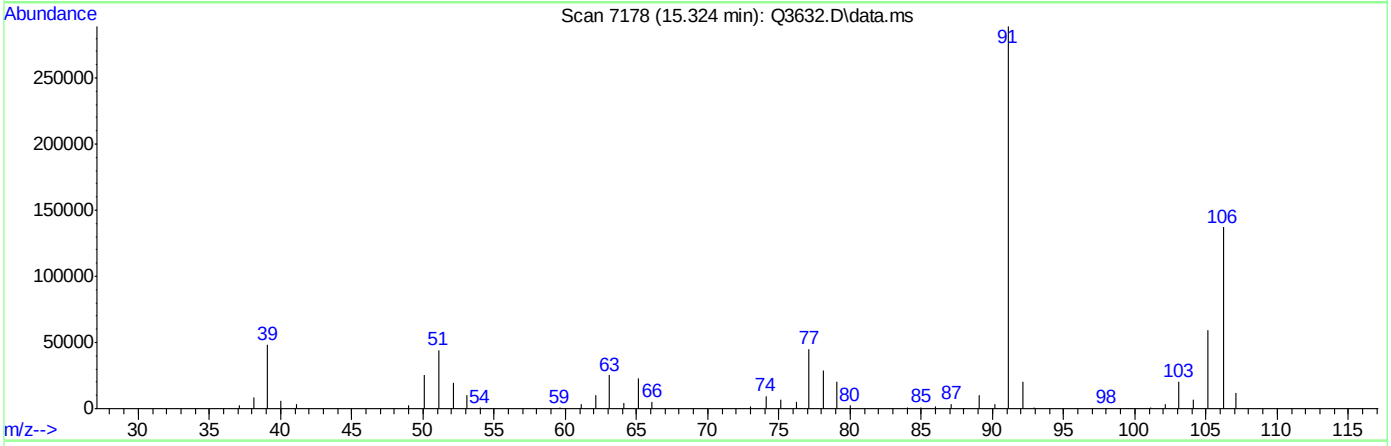
ACCUTEST Laboratories M66023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3632.D
Acq On : 6 Jun 2007 3:26 pm
Operator : PhilipB
Sample : CC197-10 (M179)
Misc : MS13699, MSQ198,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 06 16:16:39 2007
Quant Method : C:\msdchem\1\METHODS\Q060507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 14:52:22 2007
Response via : Initial Calibration





TIC: Q3632.D\data.ms

(56) m,p-XYLENE (m)

15.324min (-0.010) 21.93PPBV m

response 347729

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	211.08
77.00	30.60	32.99
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 : 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

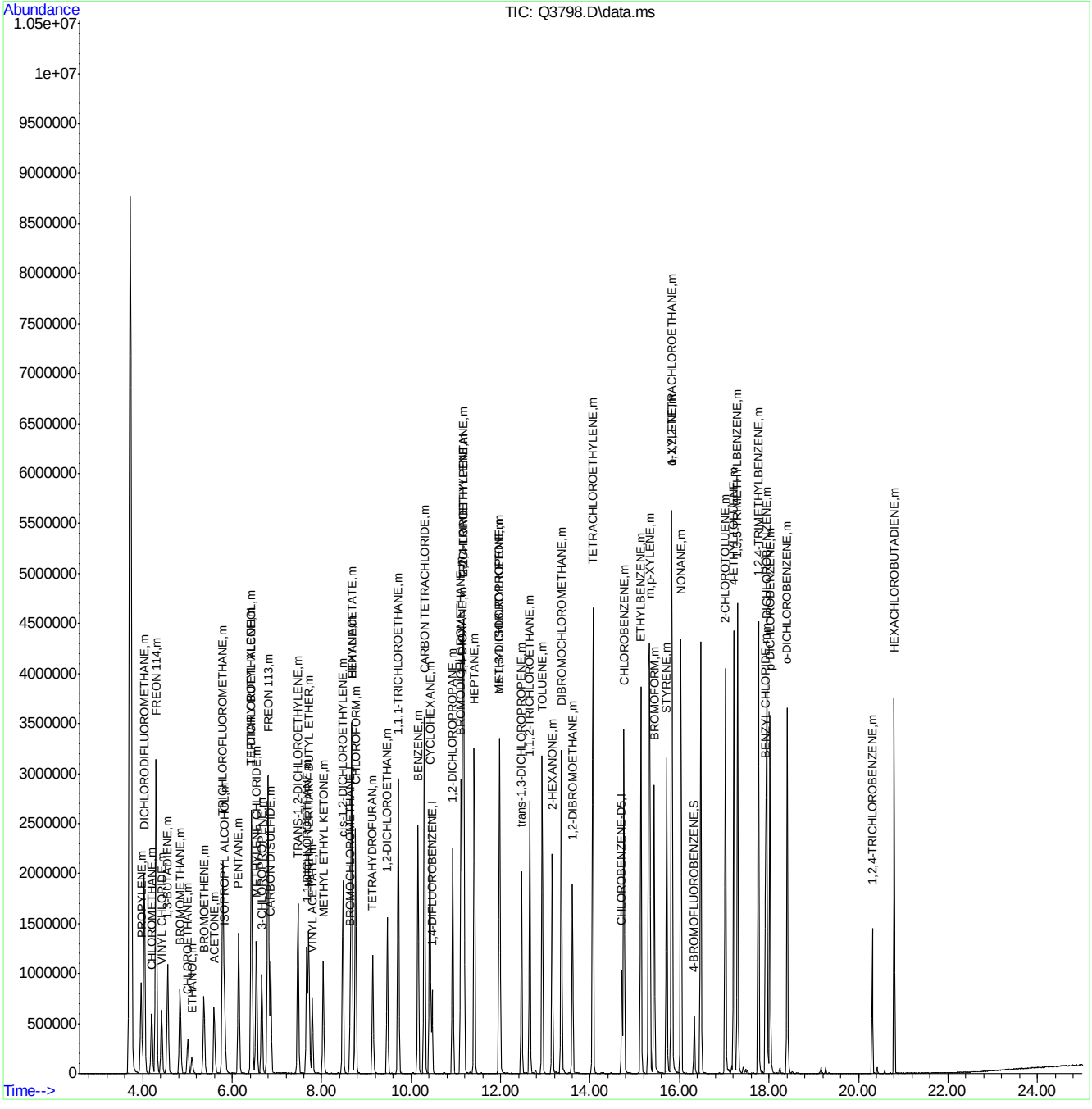
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.984	43	1663372	40.00	PPBV	100
45) cis-1,3-DICHLOROPROPENE	11.965	75	1006882	40.00	PPBV	100
46) TOLUENE	12.928	92	1198081	39.99	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.467	75	957829	40.01	PPBV	100
48) 1,1,2-TRICHLOROETHANE	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

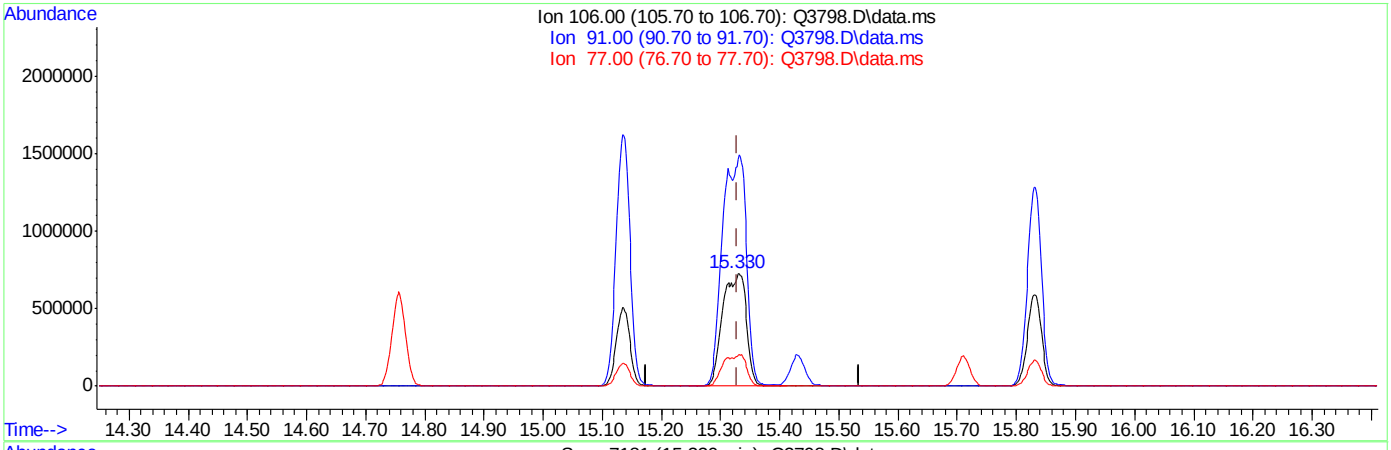
Quant Time: Jun 25 16:55:41 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 16:54:56 2007
Response via : Initial Calibration

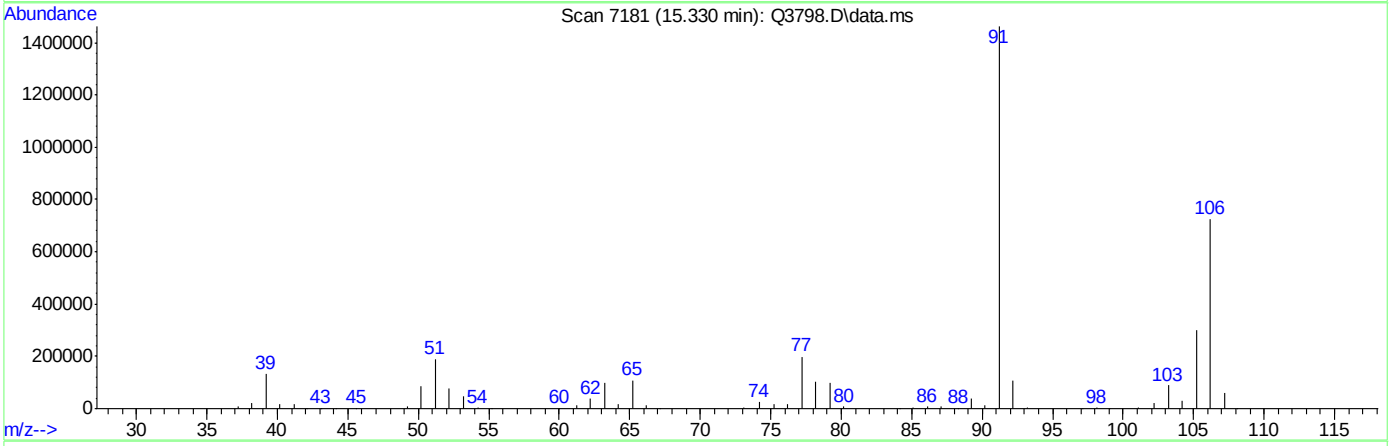


Quantitation Report (Qedit)

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

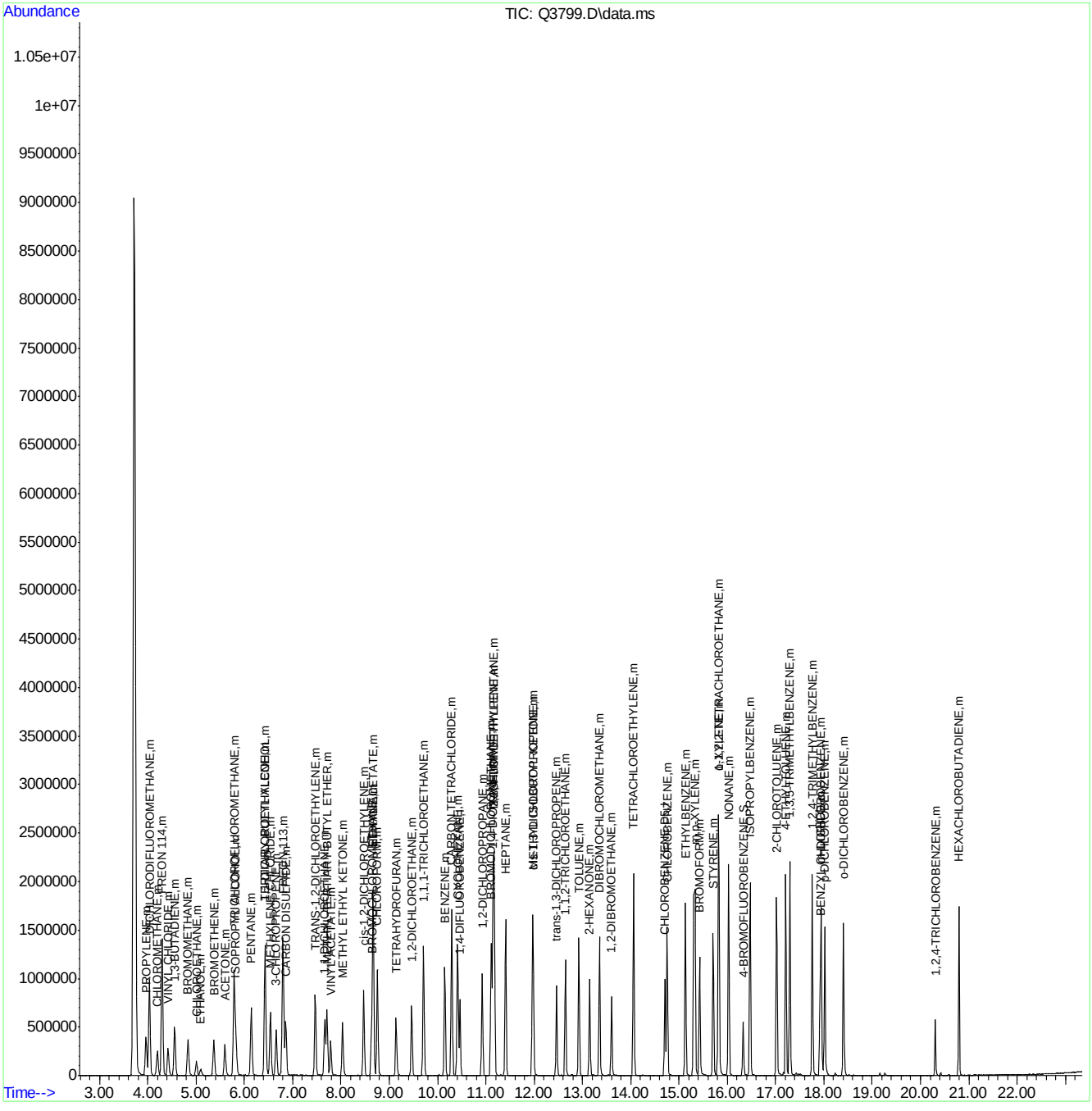
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.981	43	872977	23.04 PPBV	95
45) cis-1,3-DICHLOROPROPENE	11.965	75	442661	19.30 PPBV	92
46) TOLUENE	12.927	92	514808	18.87 PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.463	75	416126	19.07 PPBV	96
48) 1,1,2-TRICHLOROETHANE	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

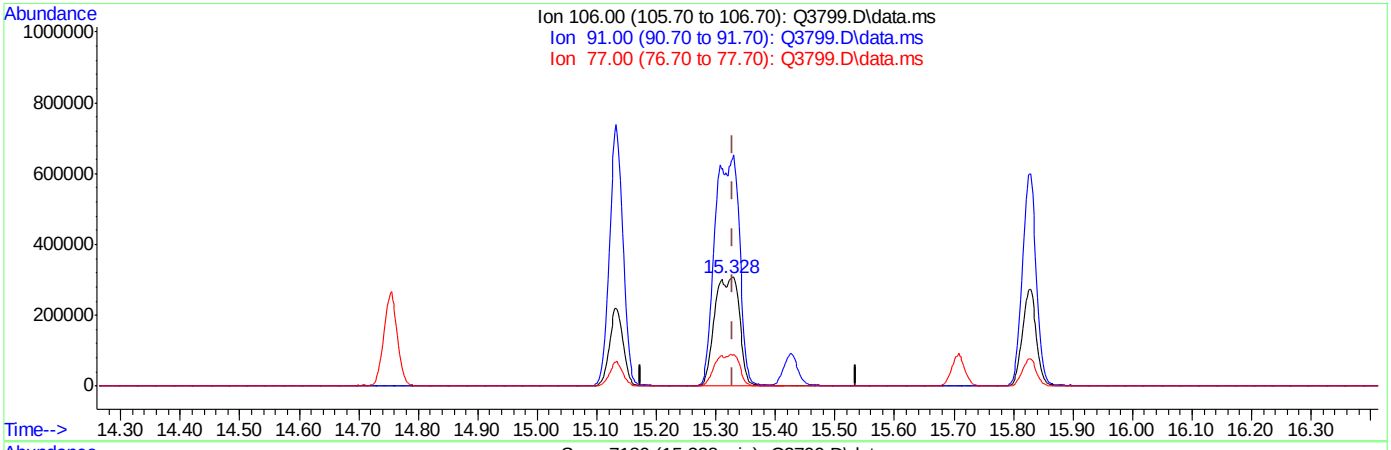
Quant Time: Jun 25 17:05:42 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 16:55:48 2007
Response via : Initial Calibration

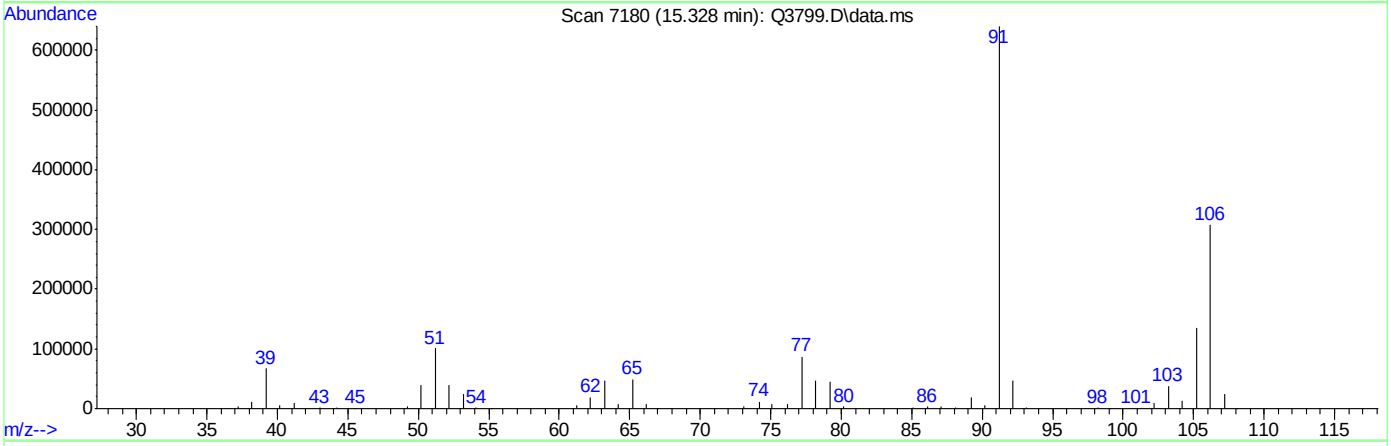


Quantitation Report (Qedit)

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

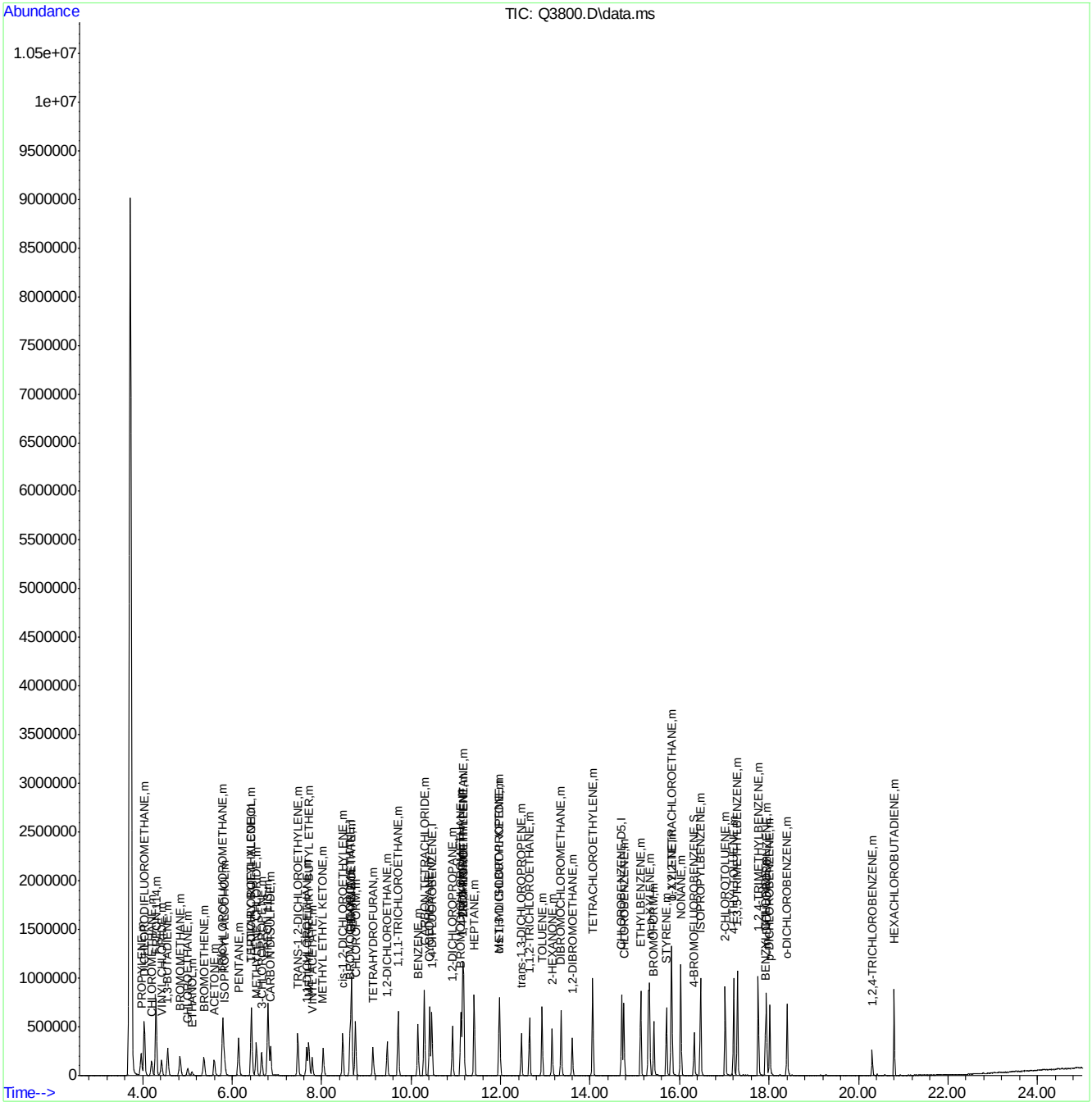
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.981	43	433696	12.95	PPBV	92
45) cis-1,3-DICHLOROPROPENE	11.963	75	211913	11.45	PPBV	89
46) TOLUENE	12.925	92	245415	11.27	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.465	75	197063	11.26	PPBV	93
48) 1,1,2-TRICHLOROETHANE	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

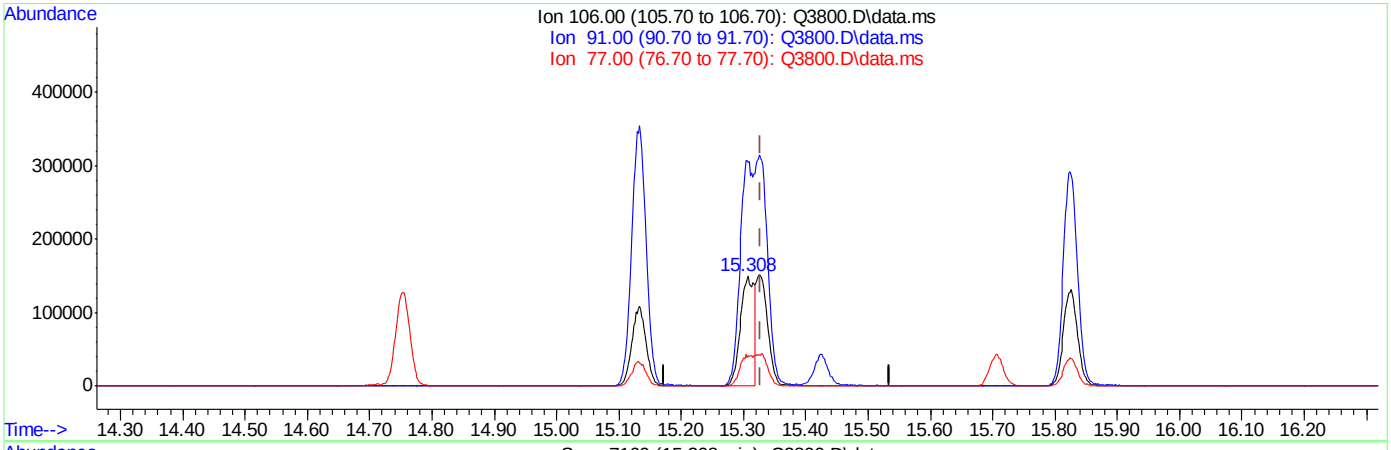
Quant Time: Jun 26 08:30:17 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 17:06:59 2007
Response via : Initial Calibration

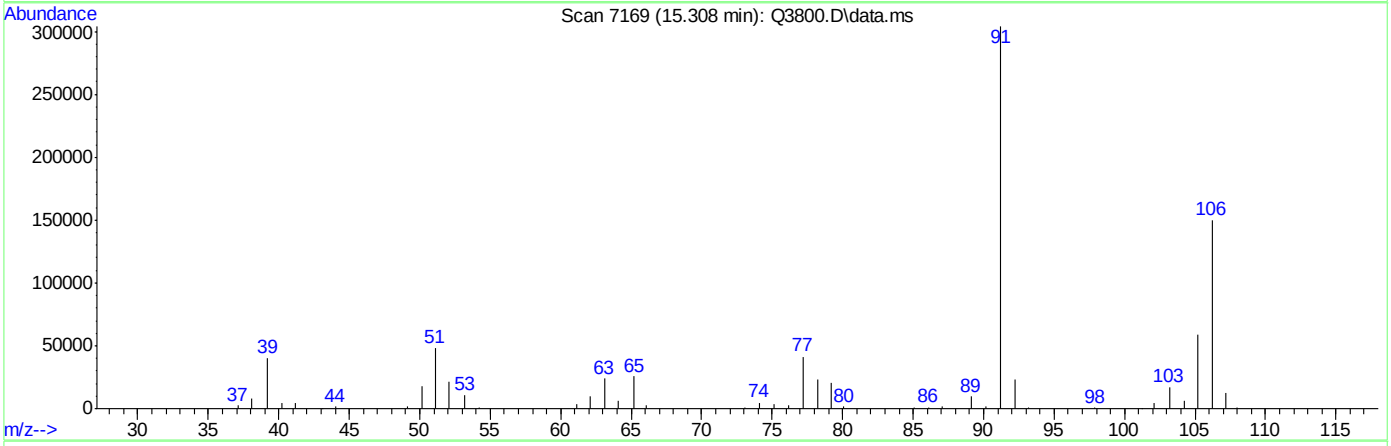


Quantitation Report (Qedit)

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

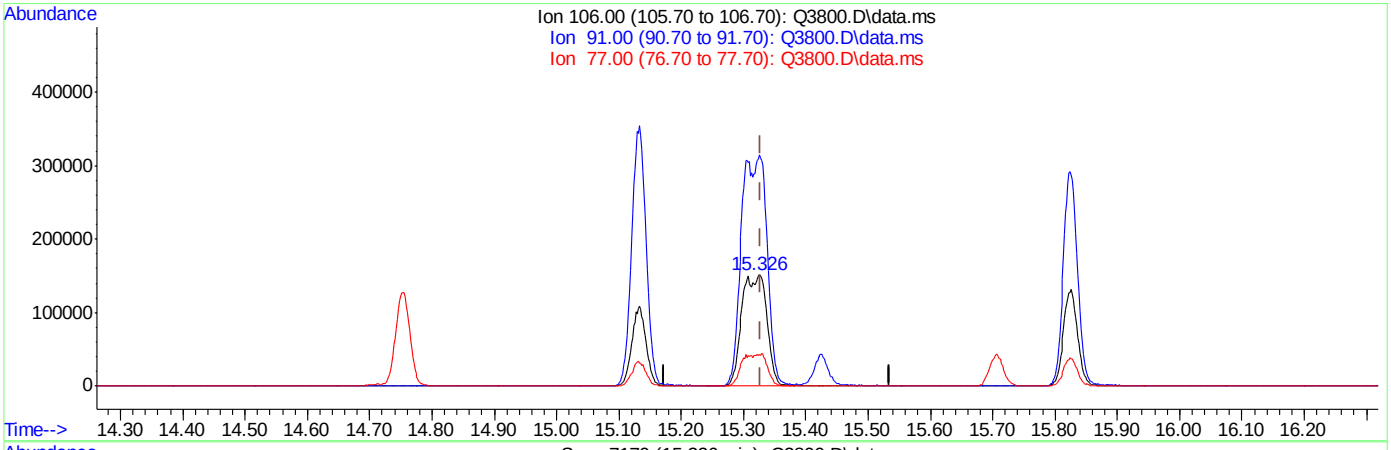
response 233599

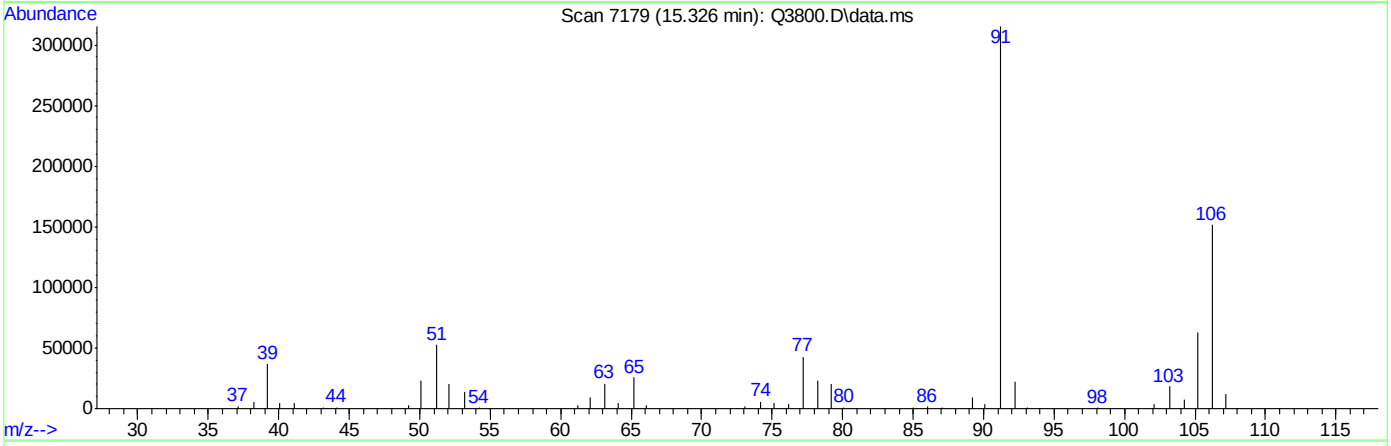
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	202.86
77.00	27.30	27.45
0.00	0.00	0.00

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

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

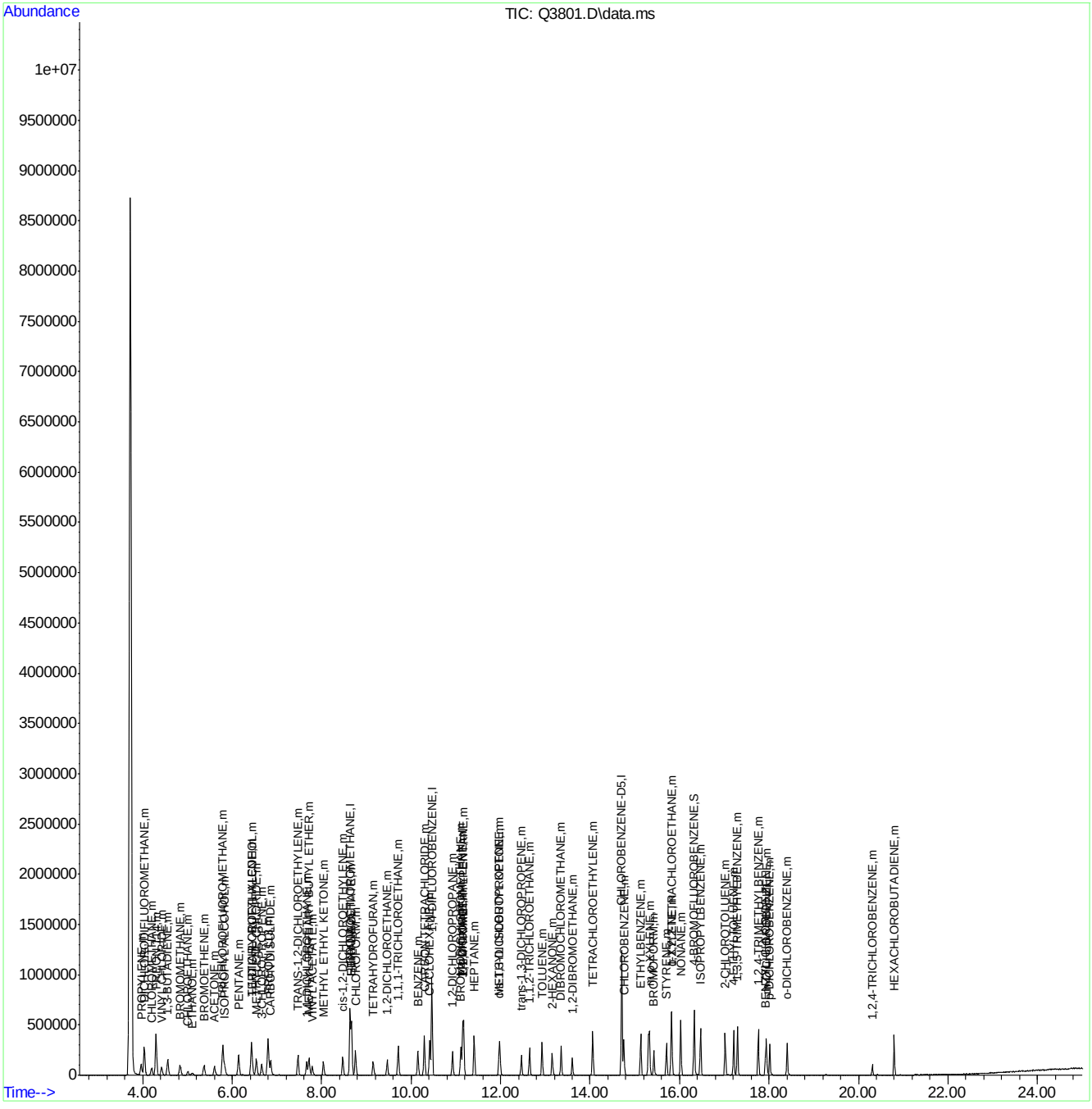
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.982	43	206988	3.75	PPBV	91
45) cis-1,3-DICHLOROPROPENE	11.963	75	94253	3.24	PPBV	84
46) TOLUENE	12.927	92	112841	3.31	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.462	75	88837	3.24	PPBV	92
48) 1,1,2-TRICHLOROETHANE	12.644	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

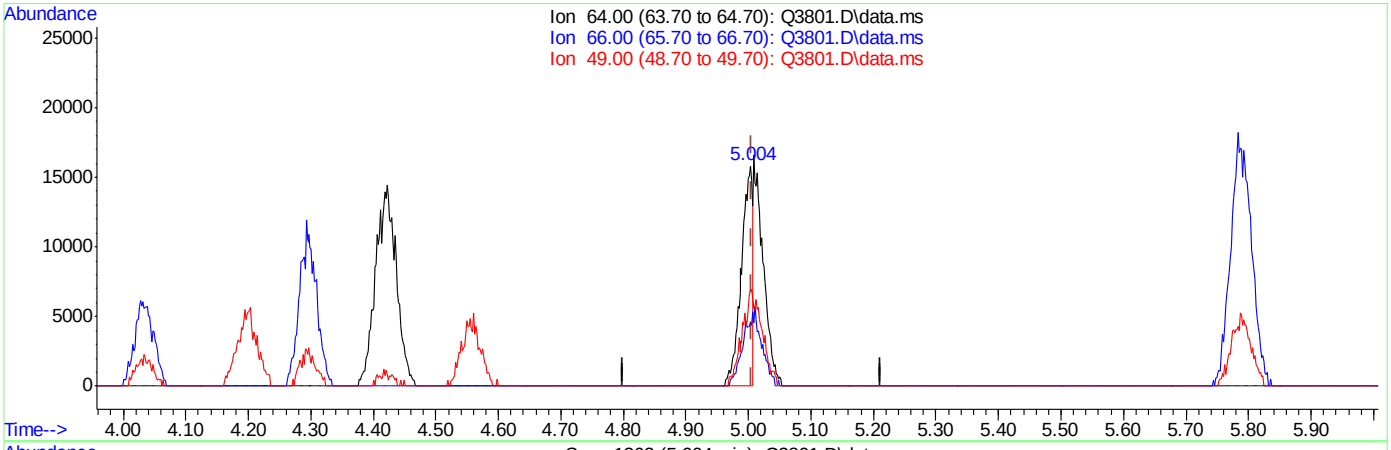


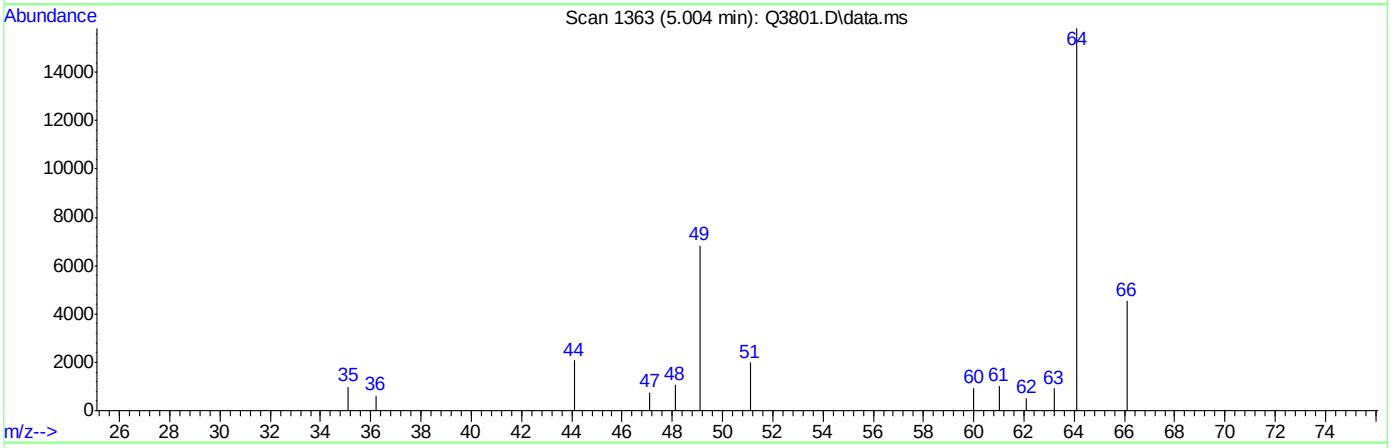
ACCUTEST Laboratories M66023

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

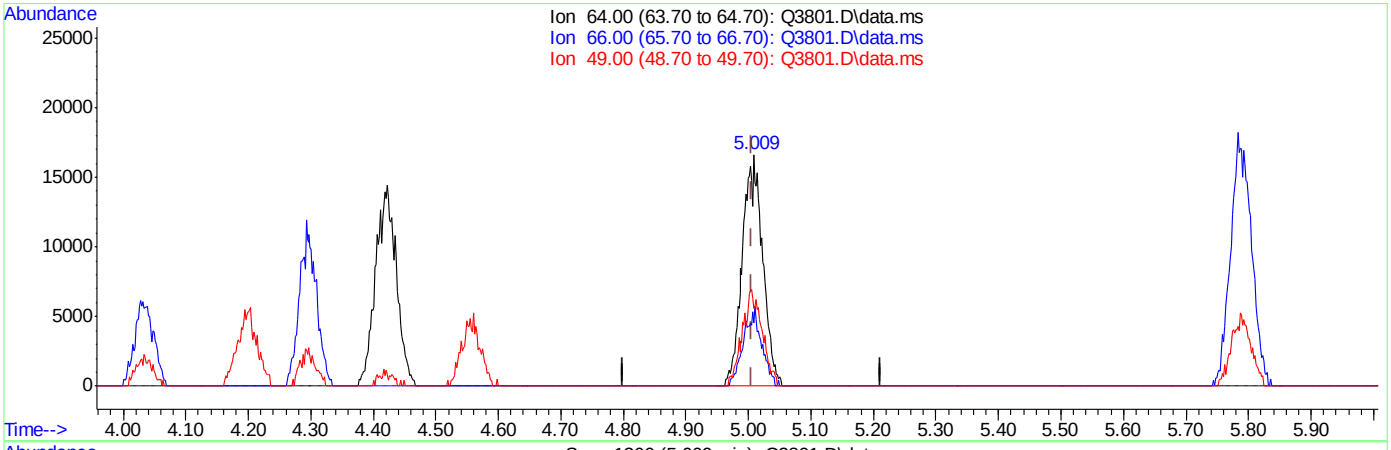
response 20145

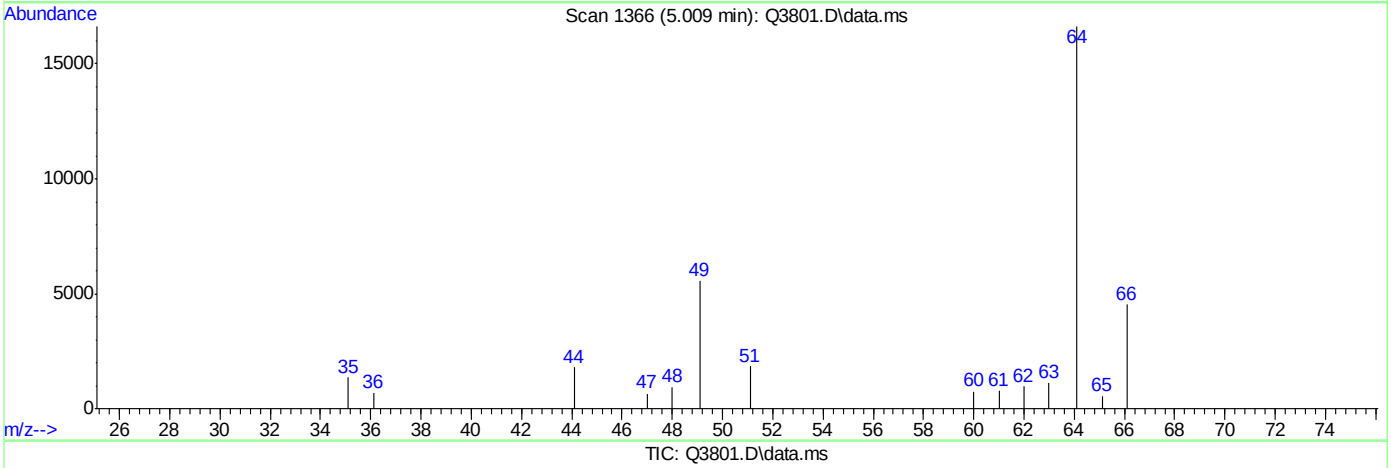
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	56.69#
49.00	36.50	76.78#
0.00	0.00	0.00

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

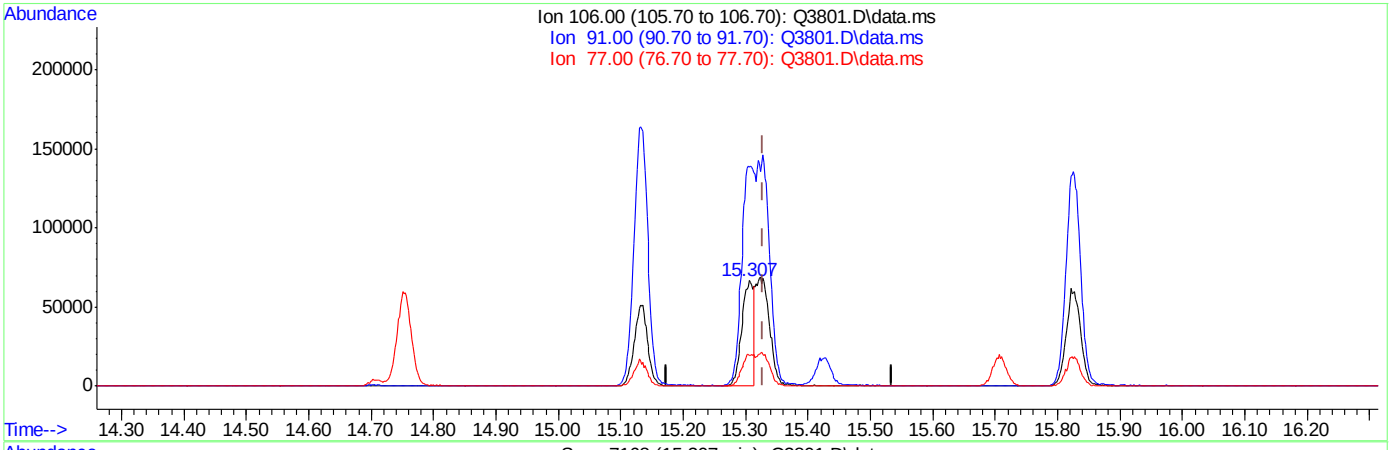
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	30.16
49.00	36.50	40.85
0.00	0.00	0.00

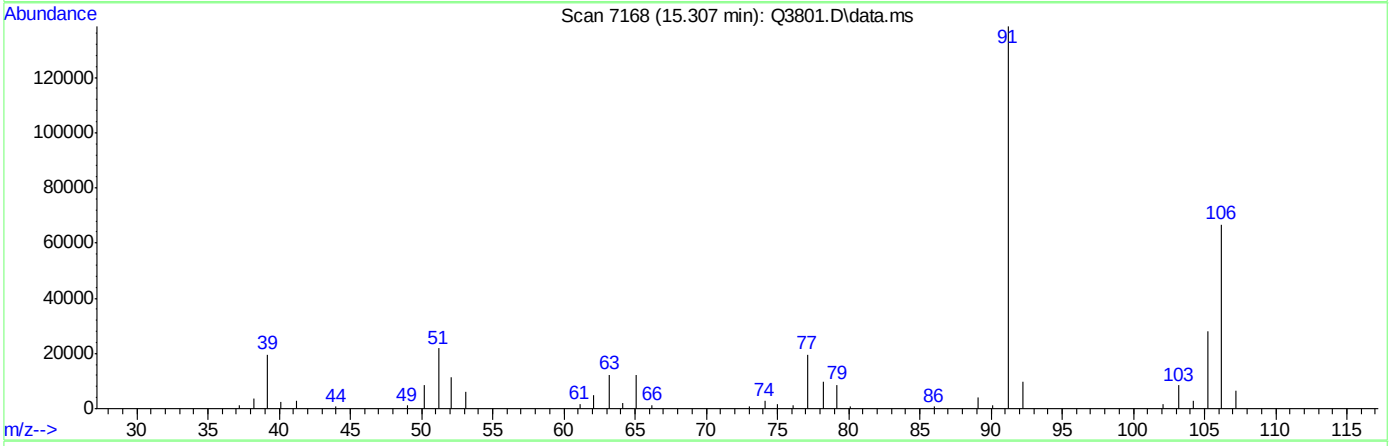
ACCUTEST Laboratories M66023

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

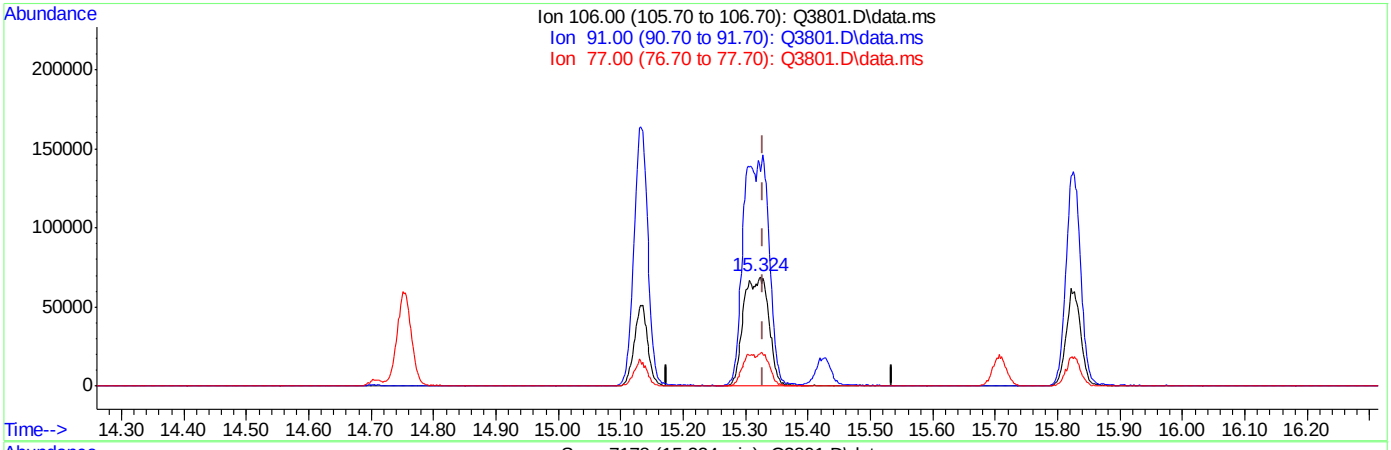
response 89207

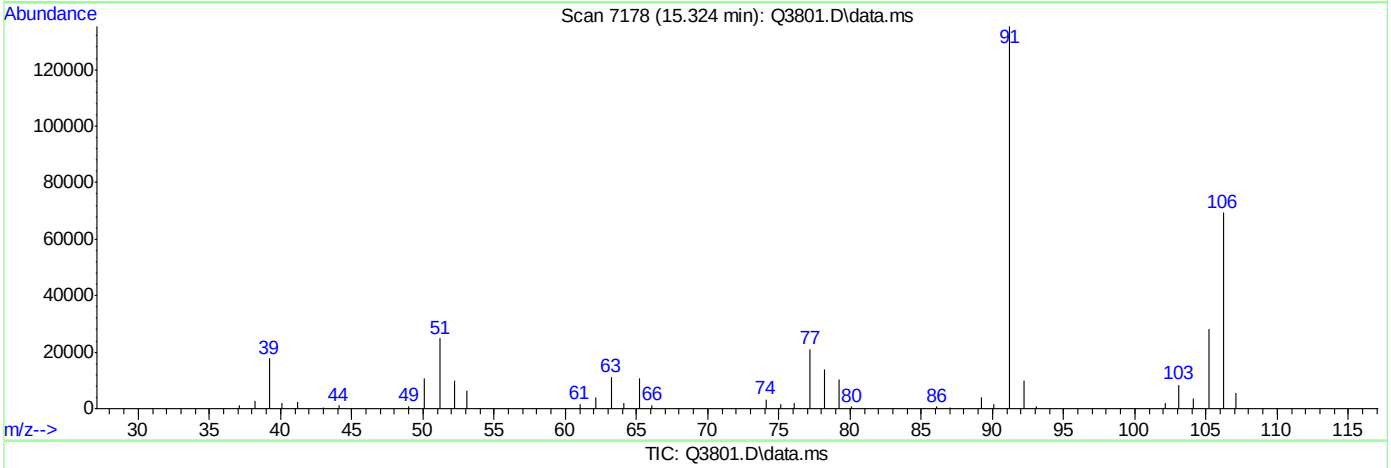
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	207.45
77.00	27.30	29.33
0.00	0.00	0.00

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

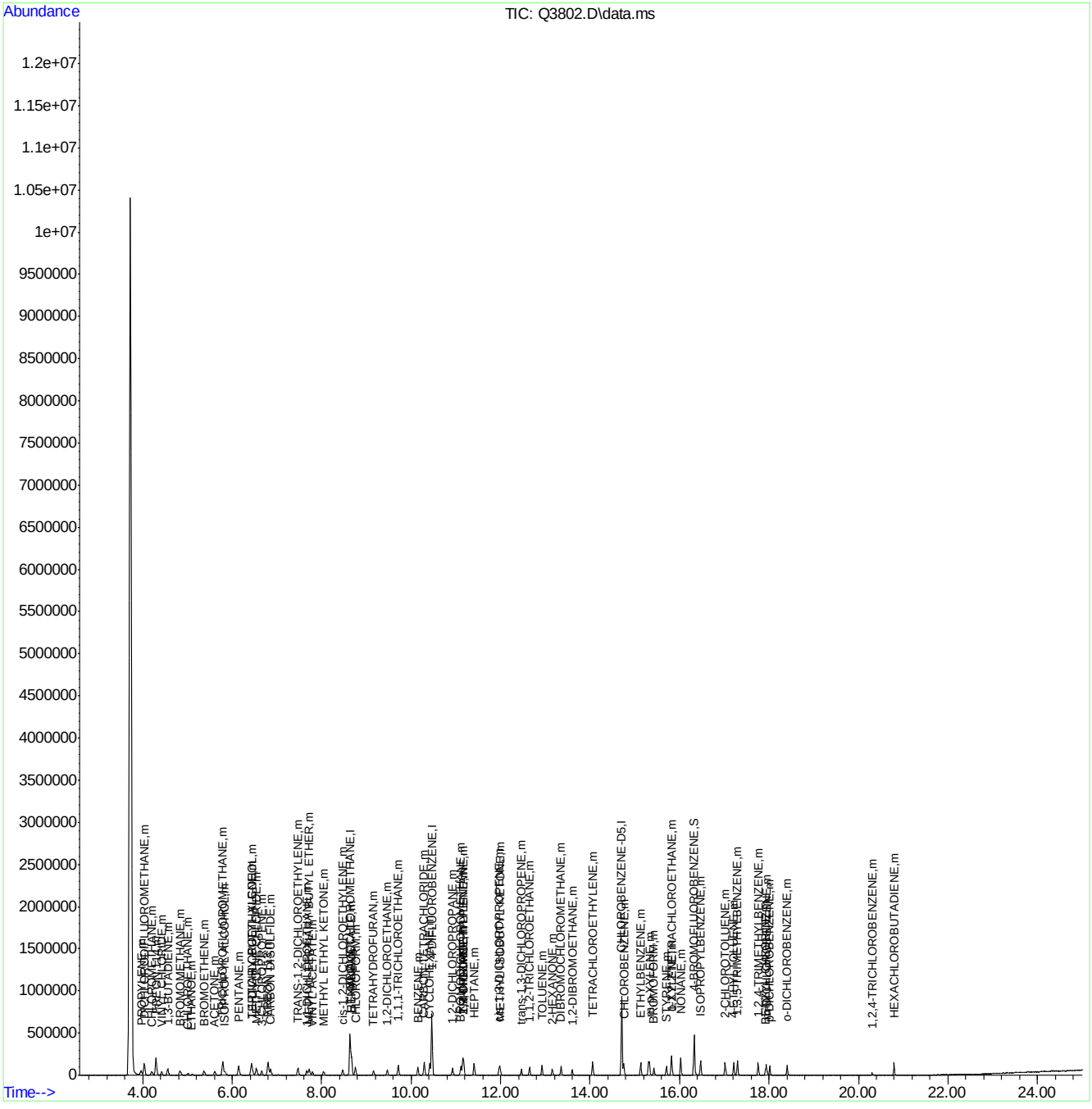
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.984	43	76480	2.02	PPBV	89
45) cis-1,3-DICHLOROPROPENE	11.963	75	33566	1.73	PPBV #	76
46) TOLUENE	12.925	92	39674	1.74	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.465	75	30146	1.65	PPBV	88
48) 1,1,2-TRICHLOROETHANE	12.643	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

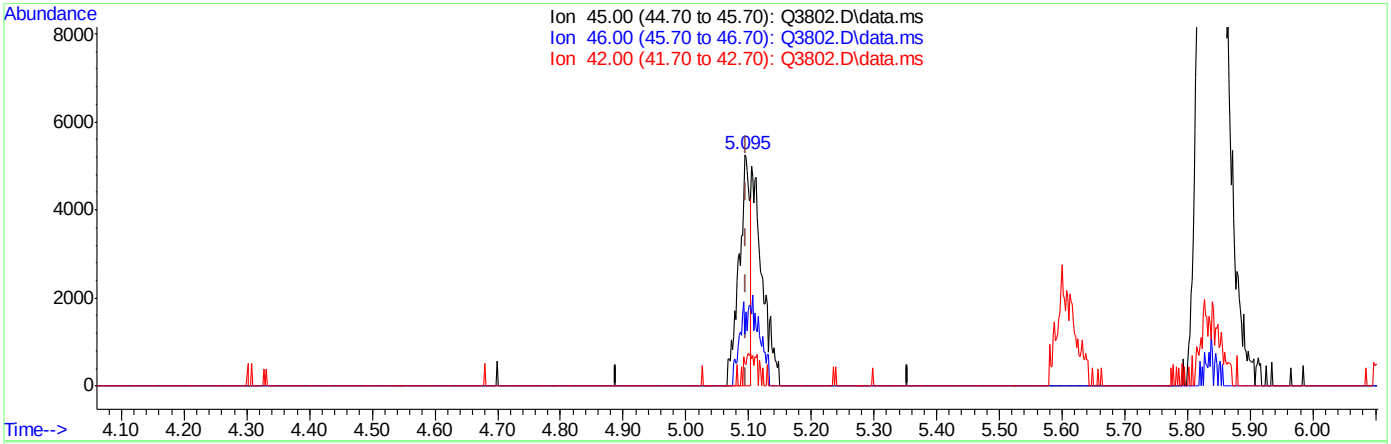
Quant Time: Jun 26 08:31:58 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:31:20 2007
Response via : Initial Calibration

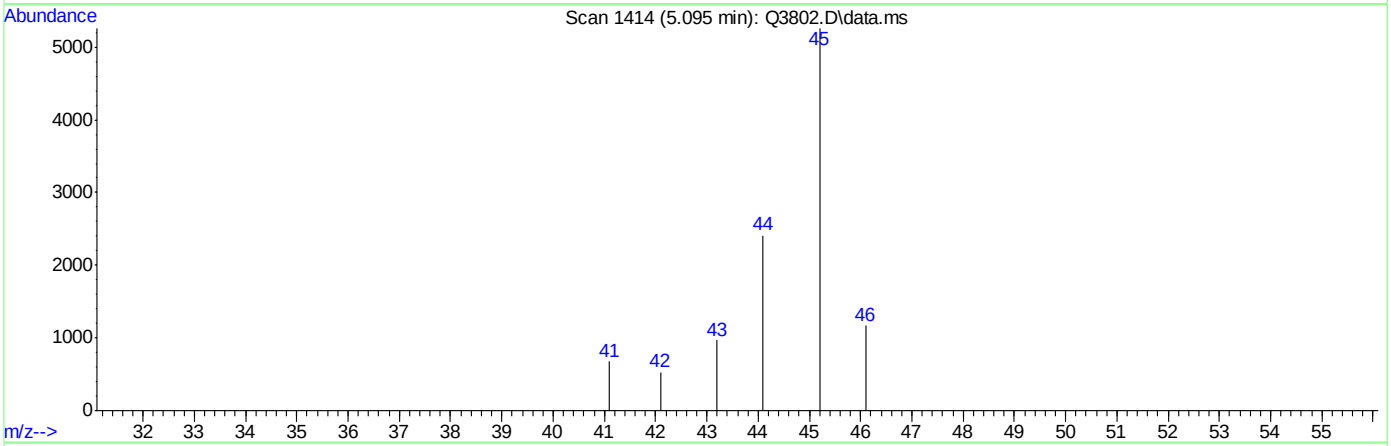


Quantitation Report (Qedit)

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

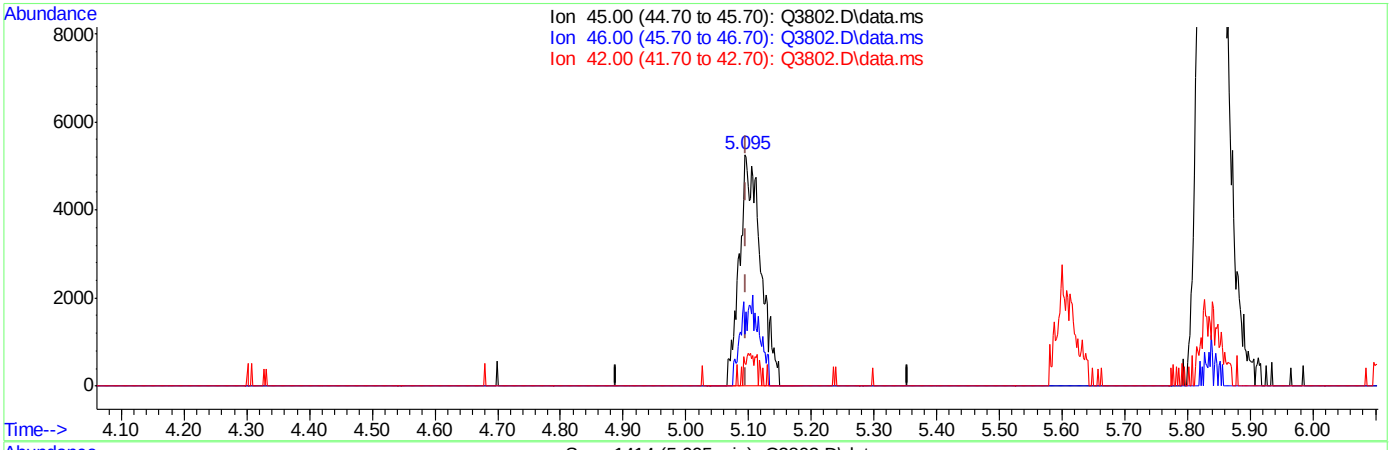
response 6231

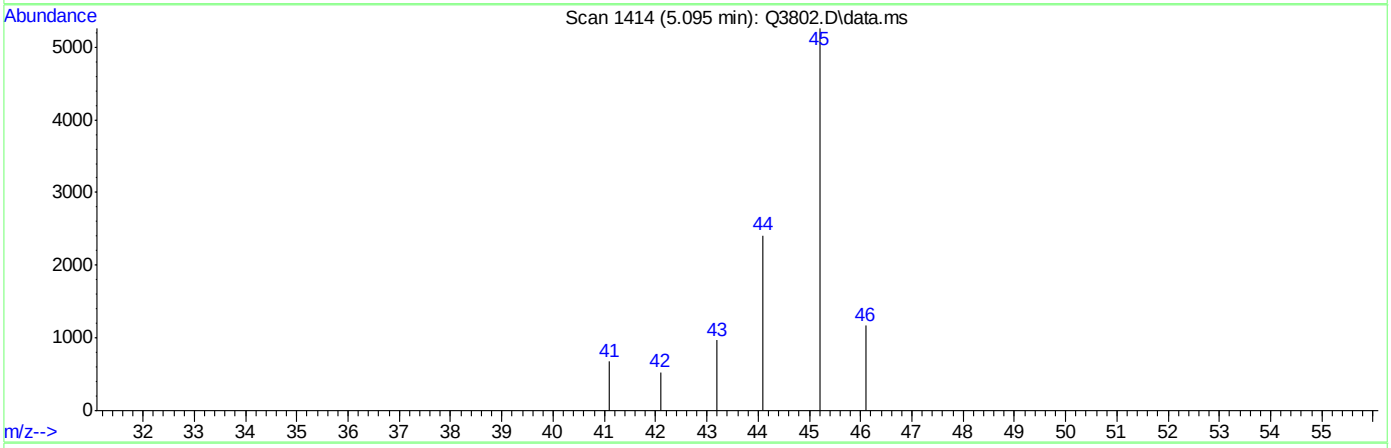
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	65.06#
42.00	8.40	18.33
0.00	0.00	0.00

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

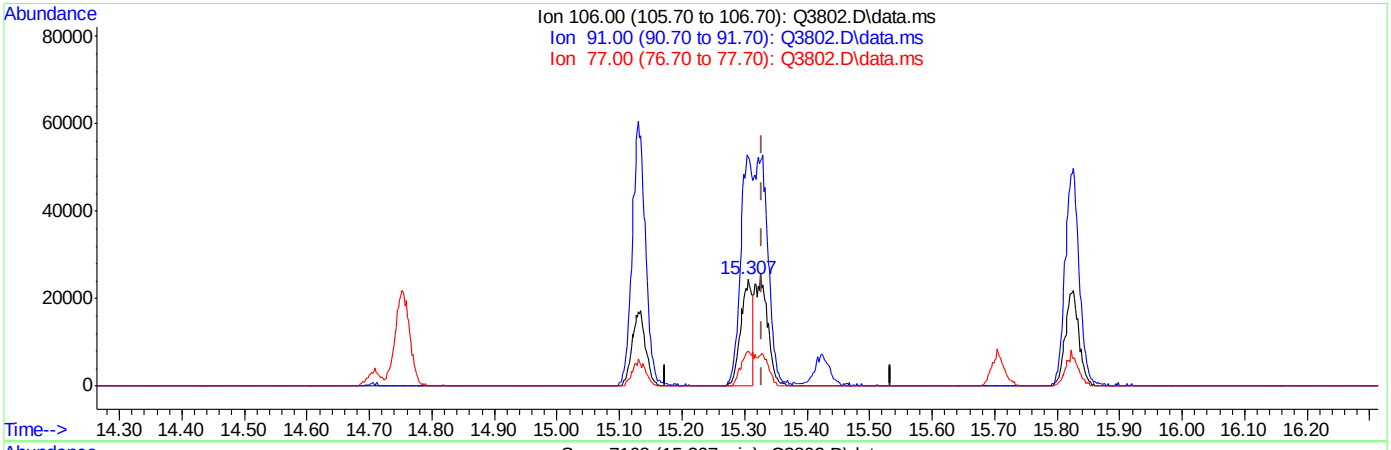
response 12315

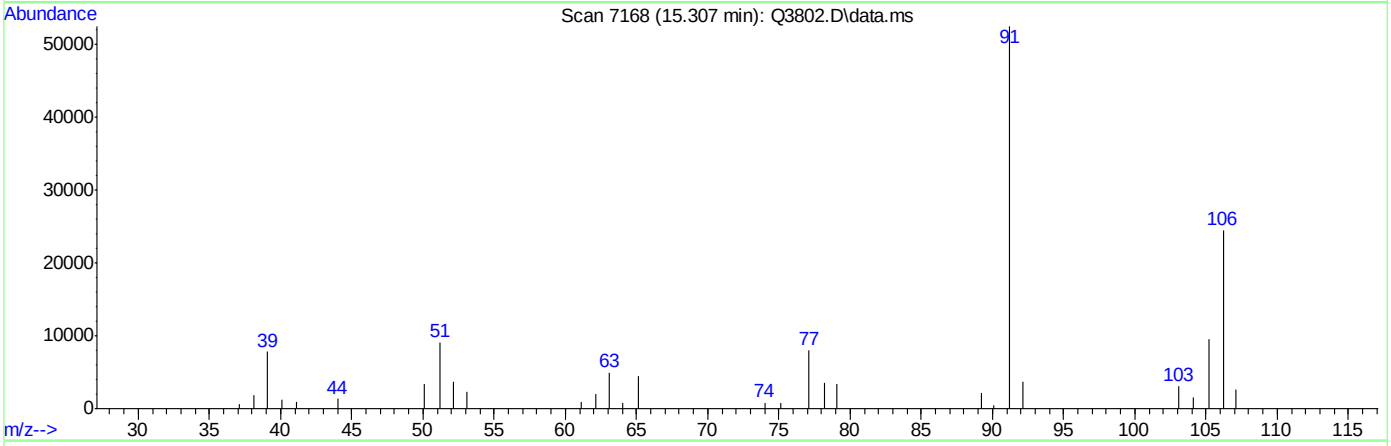
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	32.92
42.00	8.40	9.27
0.00	0.00	0.00

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

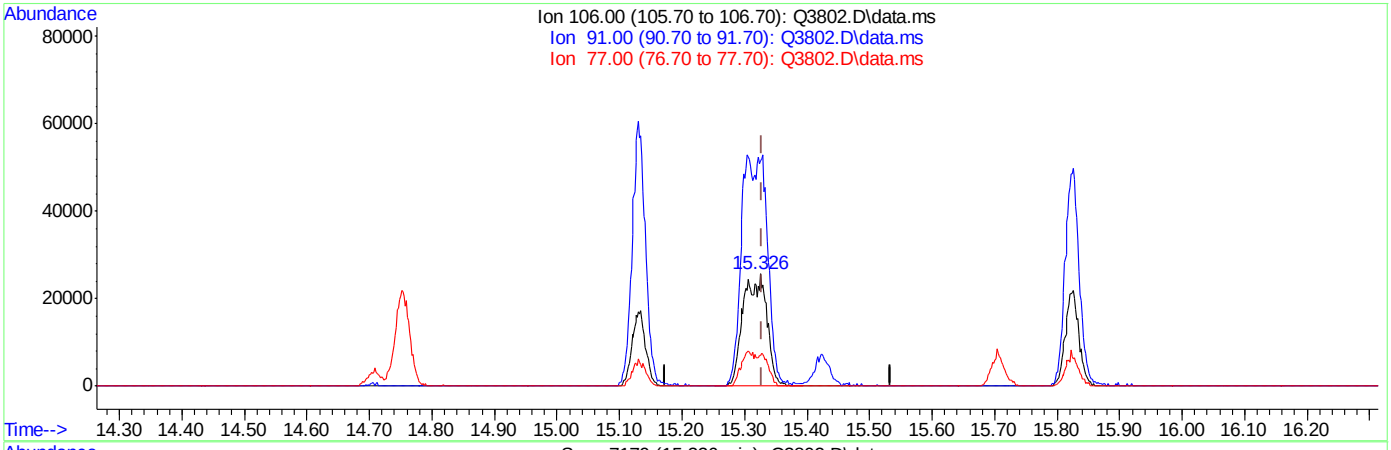
response 32110

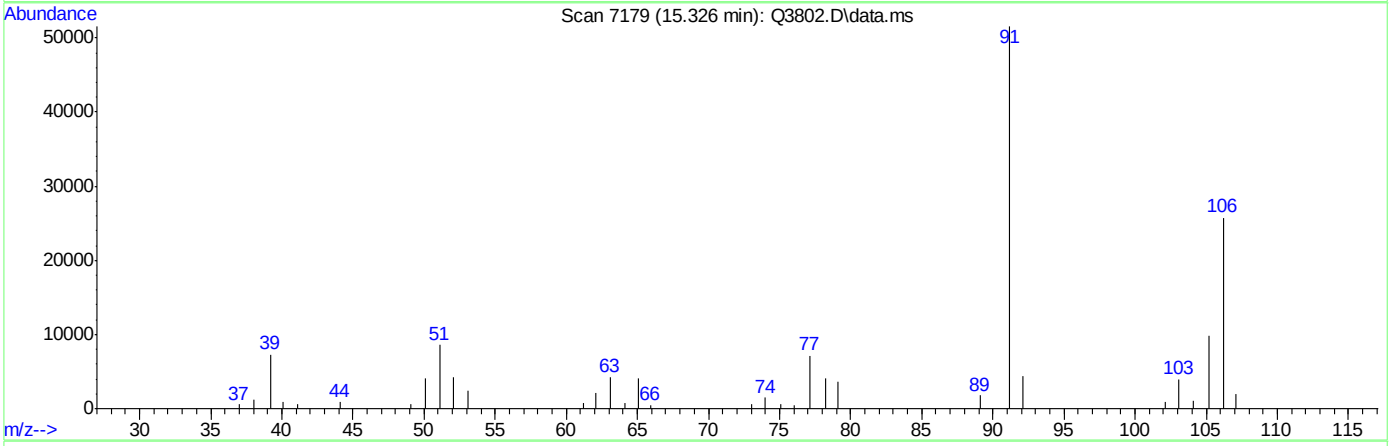
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	213.96
77.00	27.30	32.71
0.00	0.00	0.00

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

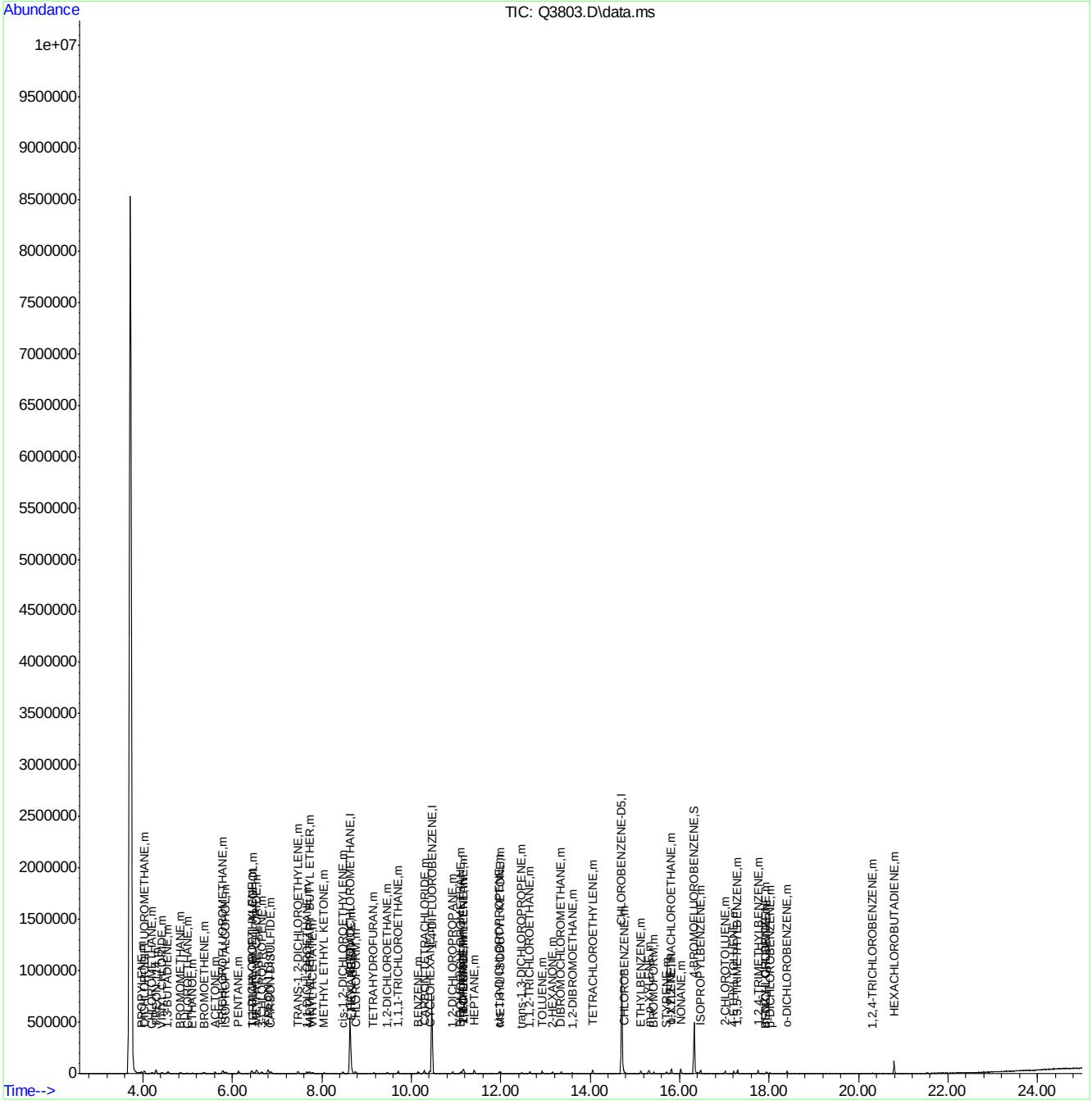
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.993	43	14880	0.39	PPBV		82
45) cis-1,3-DICHLOROPROPENE	11.957	75	5874	0.31	PPBV	#	66
46) TOLUENE	12.921	92	7912	0.36	PPBV		92
47) trans-1,3-DICHLOROPROPENE	12.461	75	4441	0.25	PPBV		85
48) 1,1,2-TRICHLOROETHANE	12.644	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

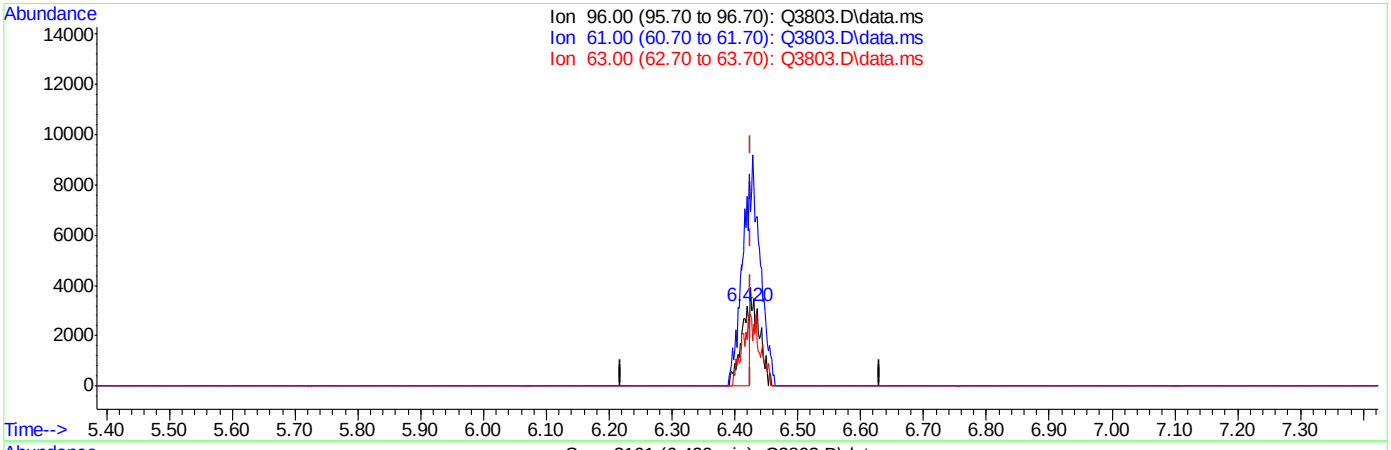


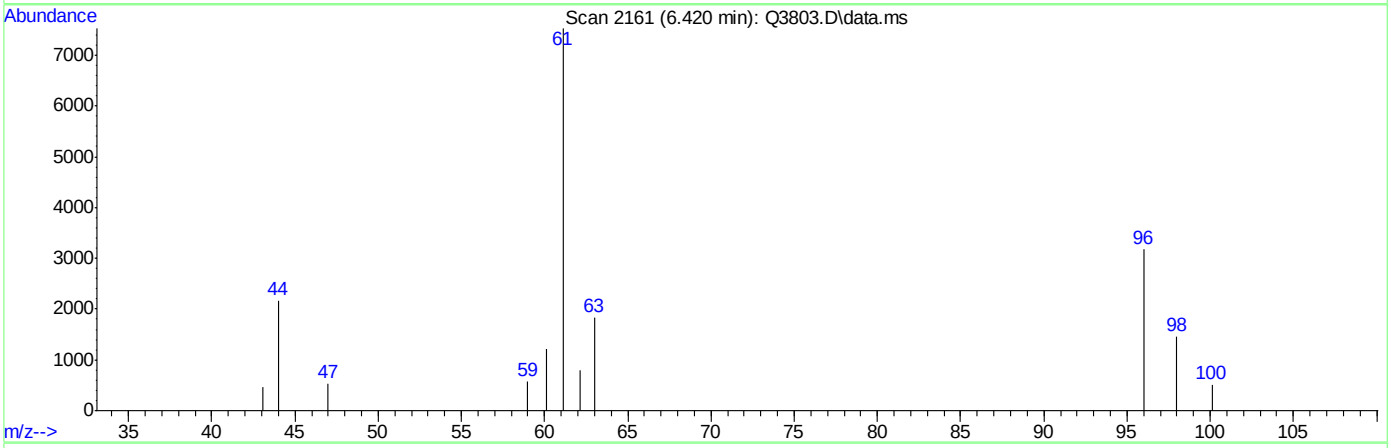
ACCUTEST Laboratories M66023

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

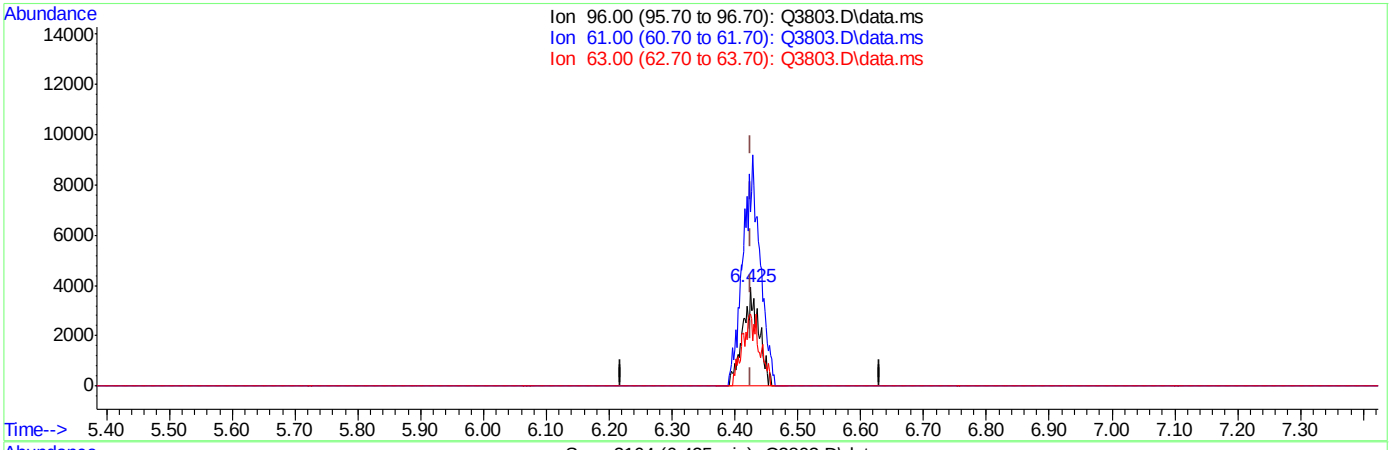
Ion	Exp%	Act%
96.00	100	100
61.00	213.40	539.79#
63.00	65.80	169.47#
0.00	0.00	0.00

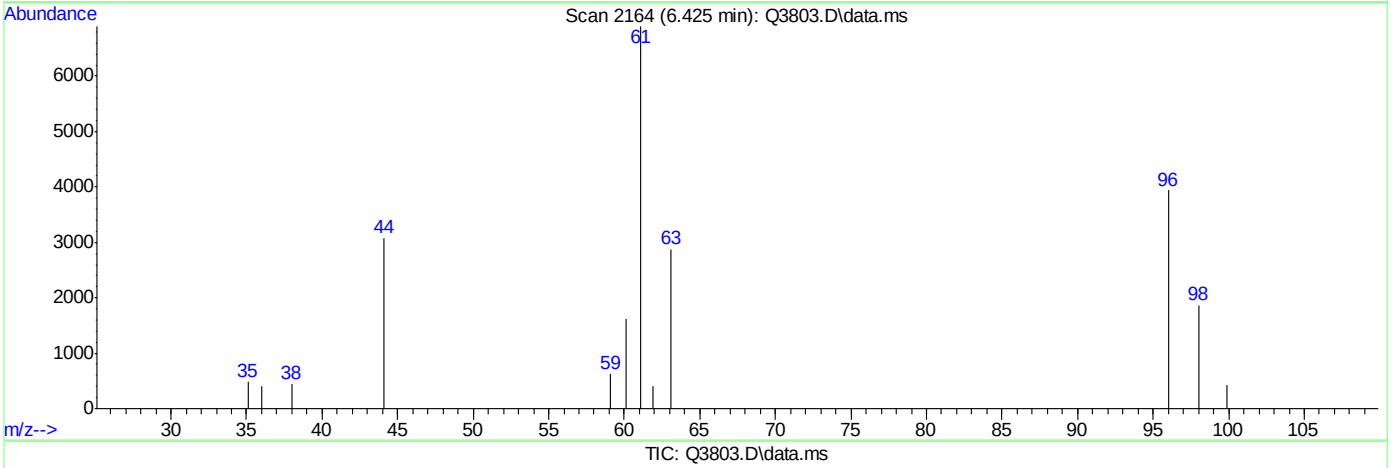
ACCUTEST Laboratories M66023

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

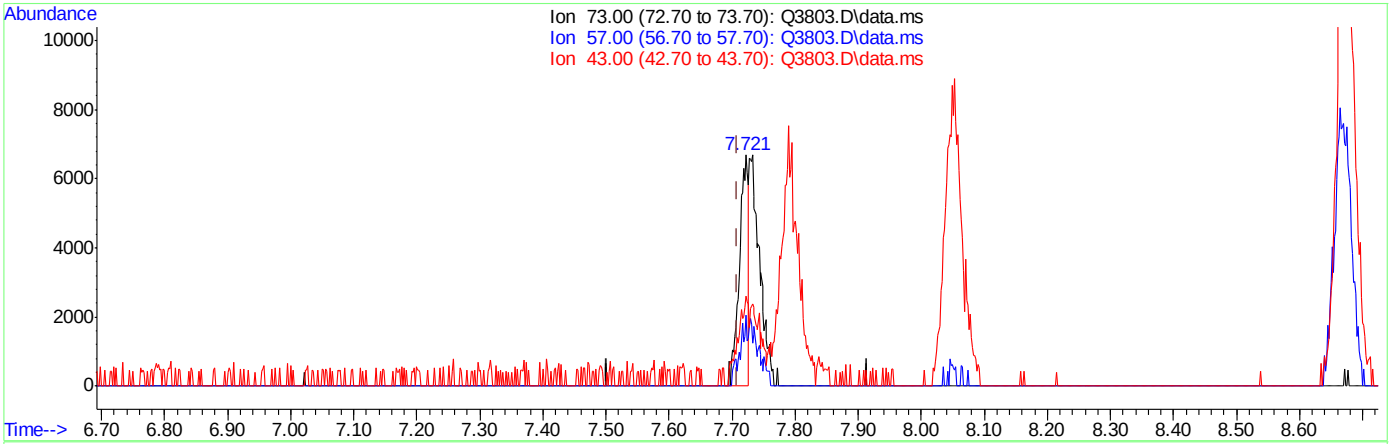
response 7110

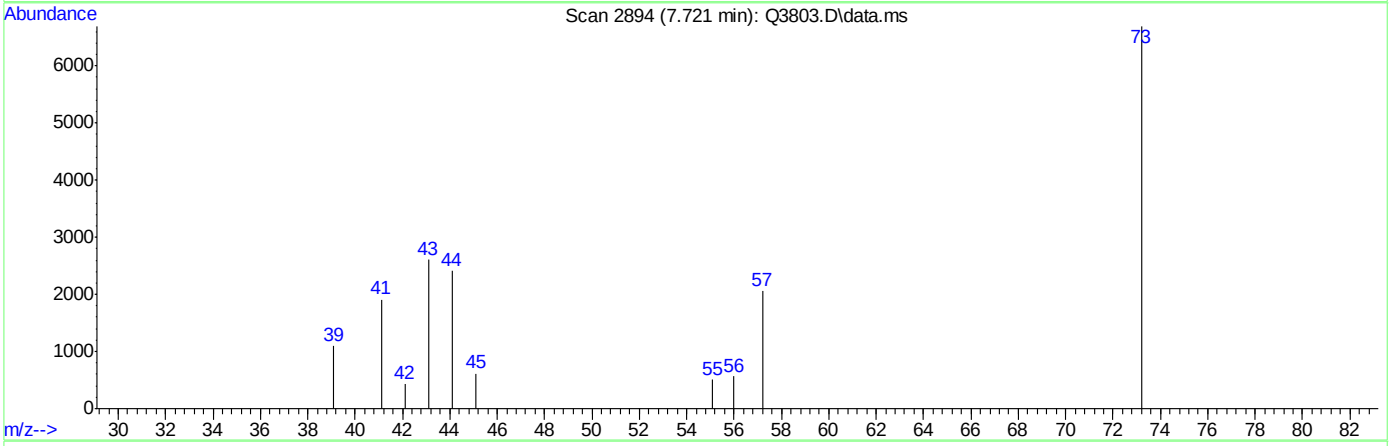
Ion	Exp%	Act%
96.00	100	100
61.00	213.40	252.43#
63.00	65.80	79.25
0.00	0.00	0.00

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





(23) METHYL TERTIARY BUTYL ETHER (m)

7.721min (+0.012) 0.21PPBV

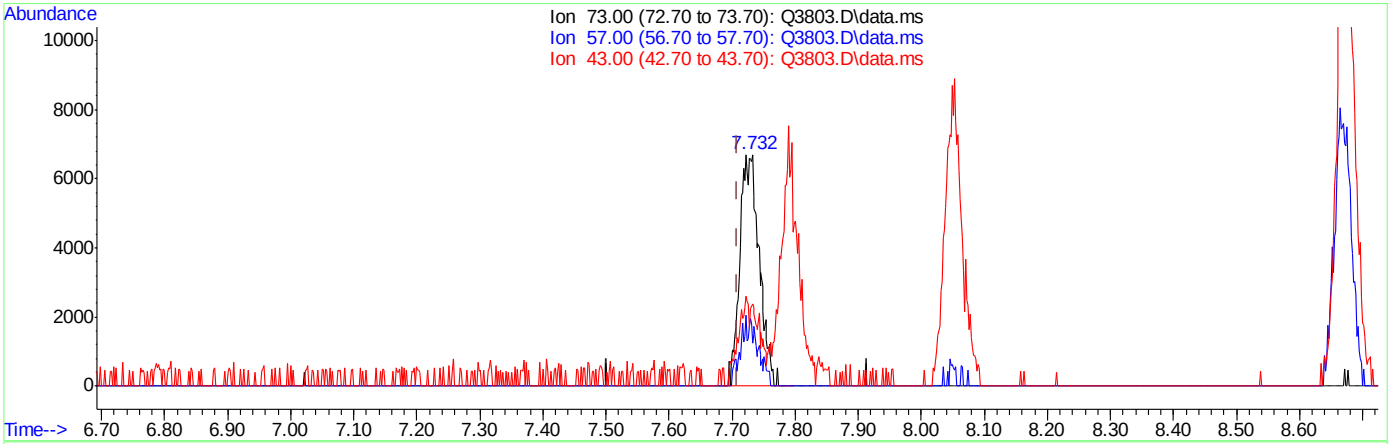
response 6461

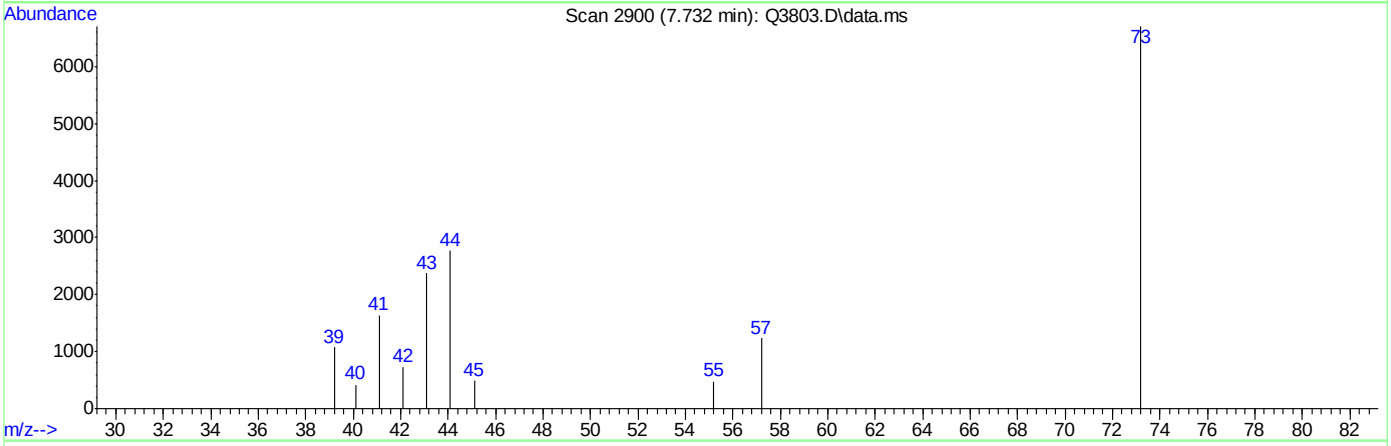
Ion	Exp%	Act%
73.00	100	100
57.00	26.00	59.68#
43.00	25.90	92.65#
0.00	0.00	0.00

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

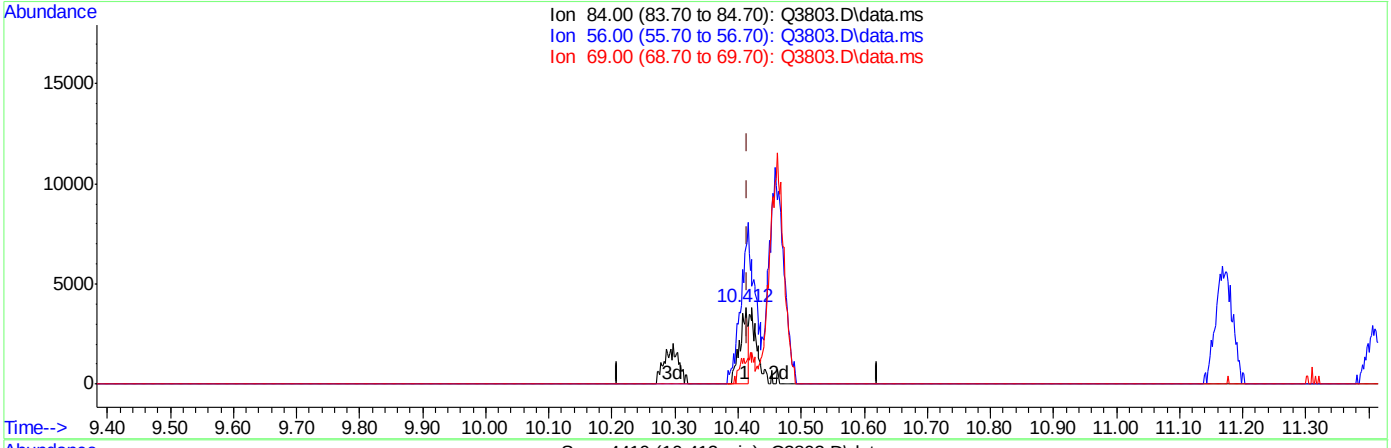
response 14541

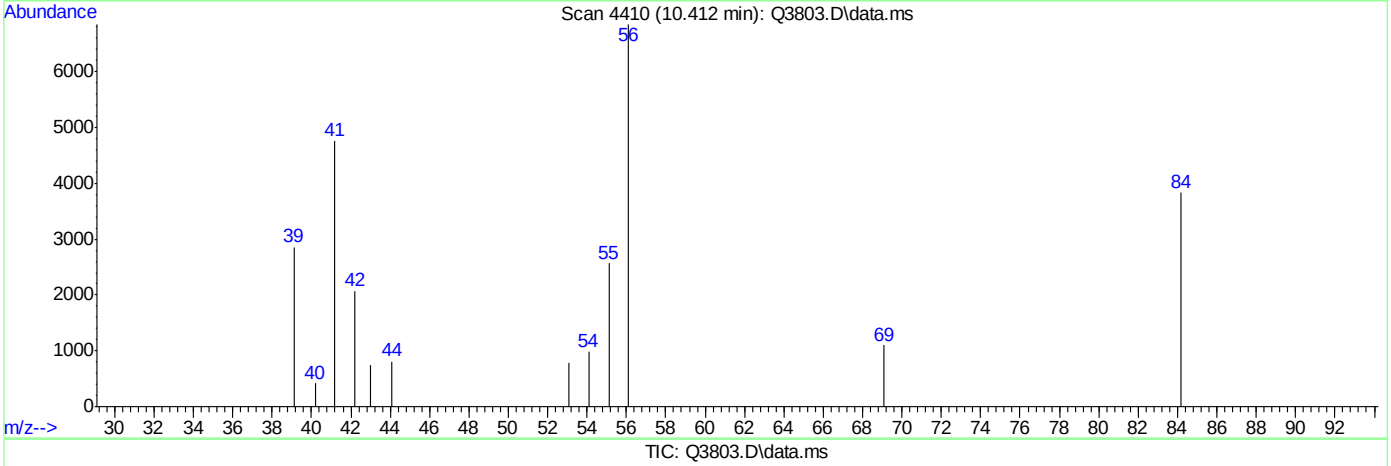
Ion	Exp%	Act%
73.00	100	100
57.00	26.00	26.52
43.00	25.90	41.17
0.00	0.00	0.00

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

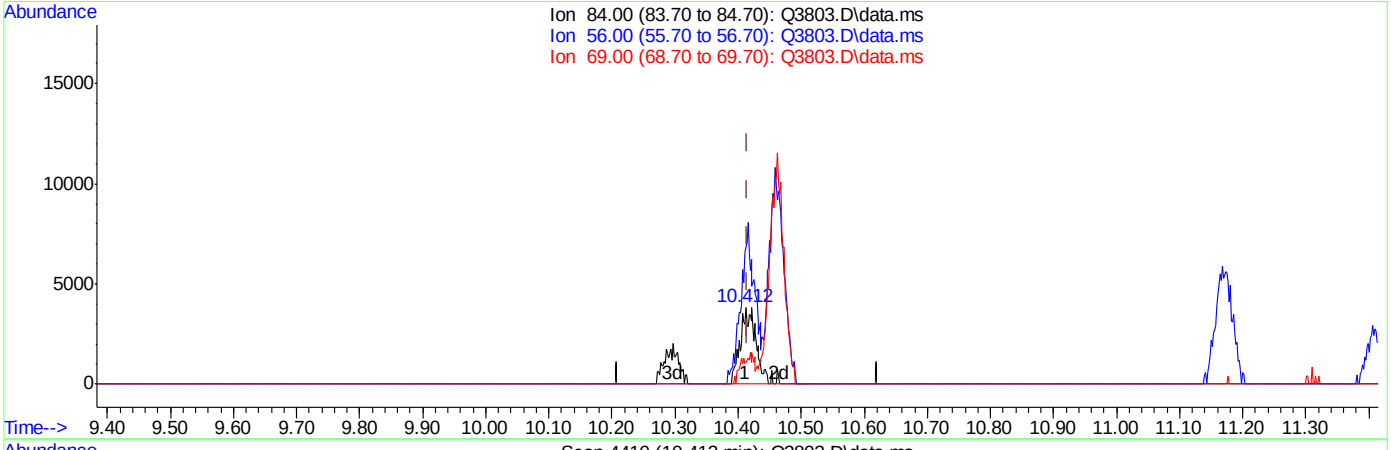
response 3349

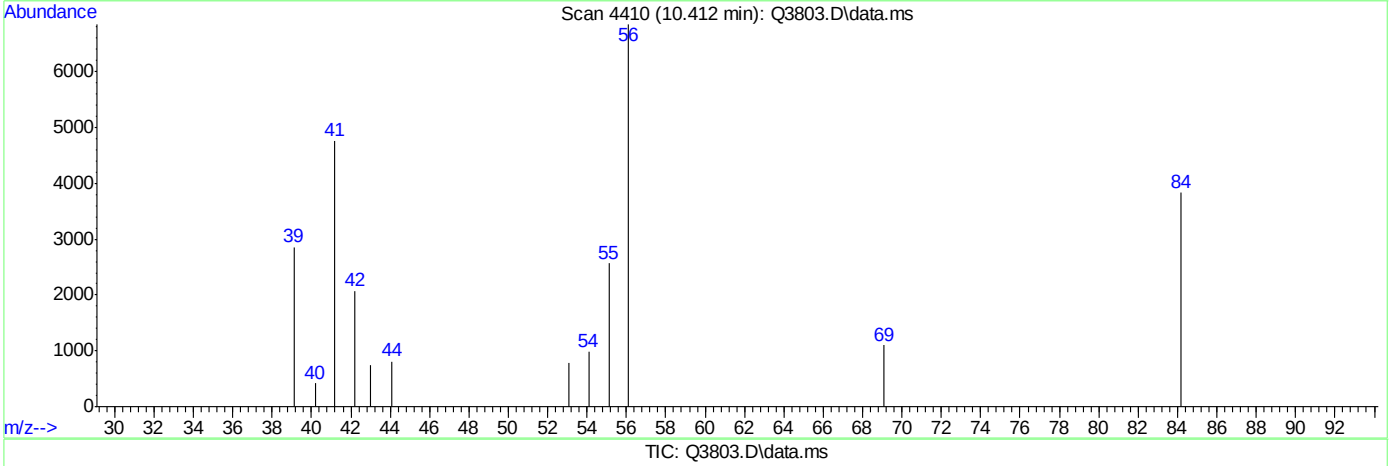
Ion	Exp%	Act%
84.00	100	100
56.00	177.10	371.93#
69.00	37.70	29.59
0.00	0.00	0.00

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
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
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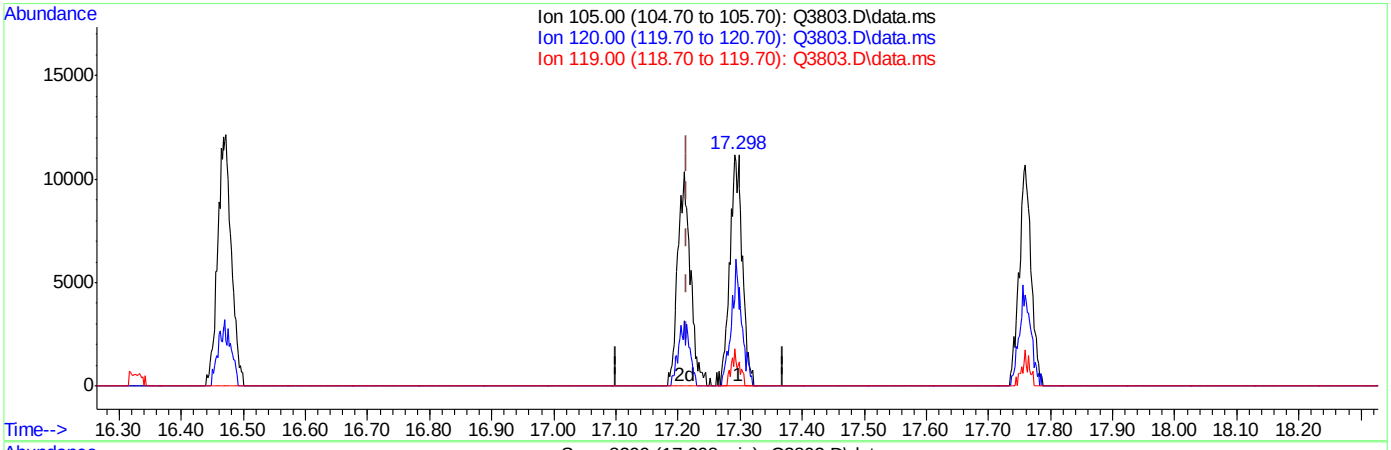
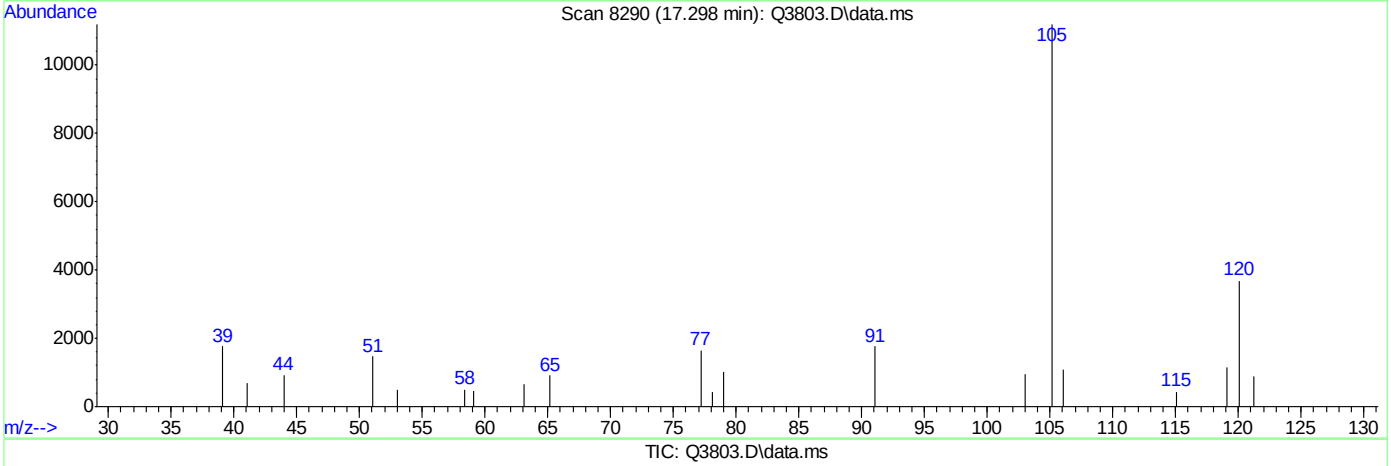




TIC: Q3803.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.298min (+0.083) 0.33PPBV

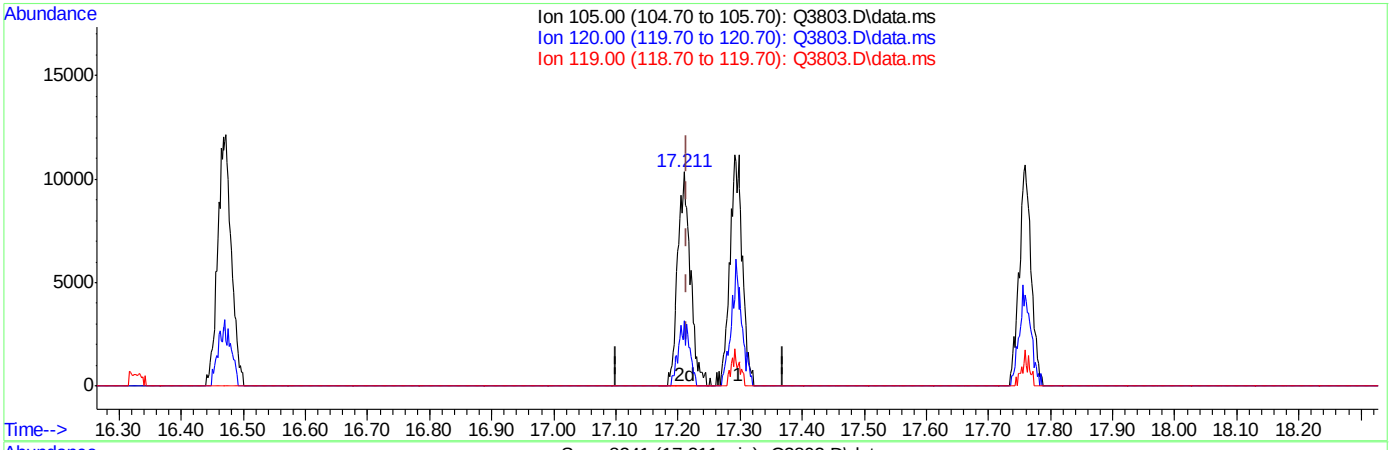
response 16496

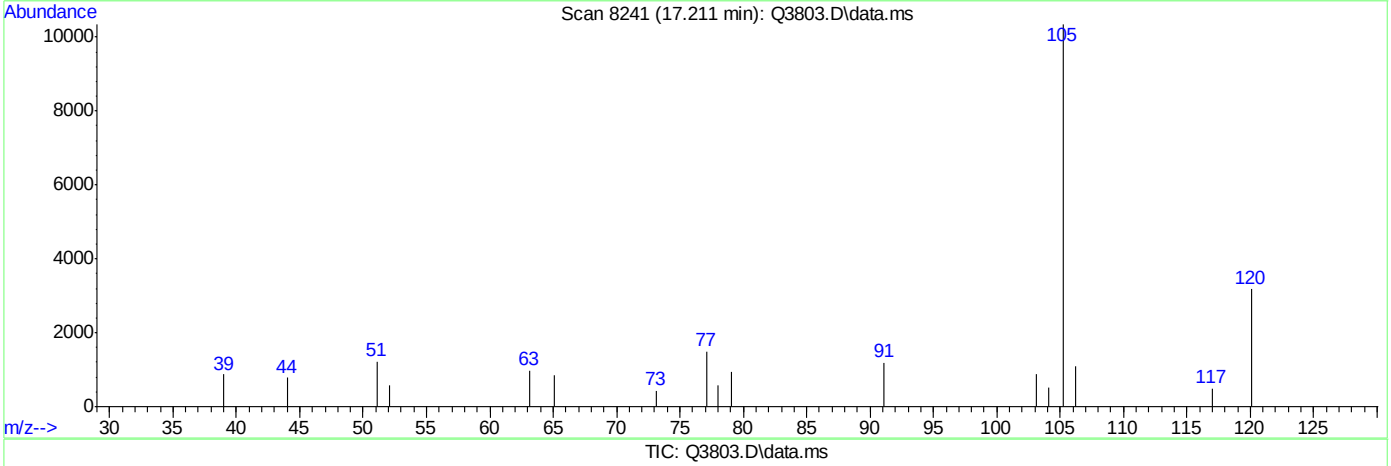
Ion	Exp%	Act%
105.00	100	100
120.00	29.20	44.95
119.00	2.10	9.77
0.00	0.00	0.00

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

(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

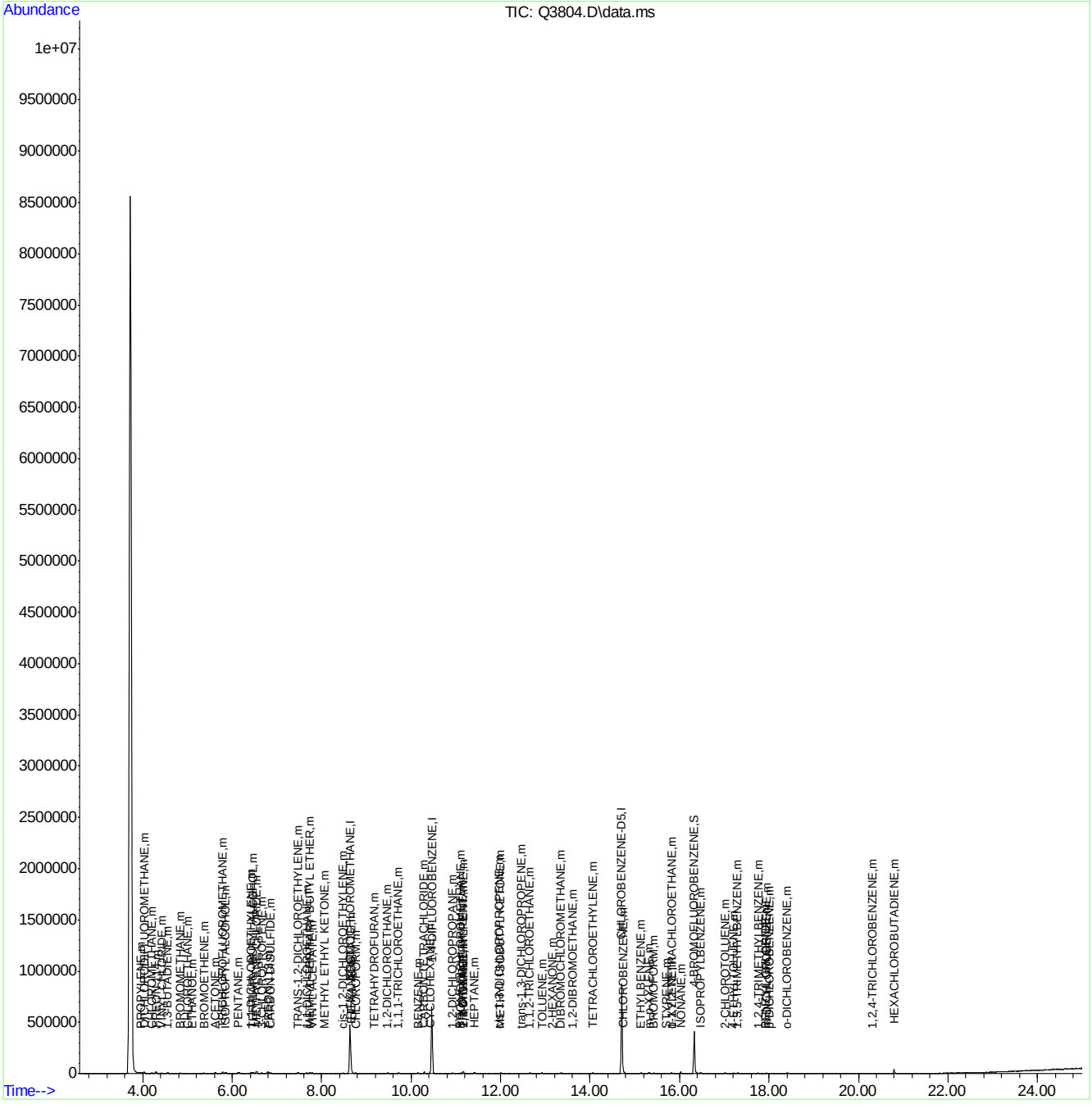
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.998	43	5606	0.18 PPBV #	57
45) cis-1,3-DICHLOROPROPENE	11.959	75	2037	0.13 PPBV #	67
46) TOLUENE	12.930	92	3229	0.18 PPBV	90
47) trans-1,3-DICHLOROPROPENE	12.467	75	1526	0.11 PPBV #	67
48) 1,1,2-TRICHLOROETHANE	12.646	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)

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

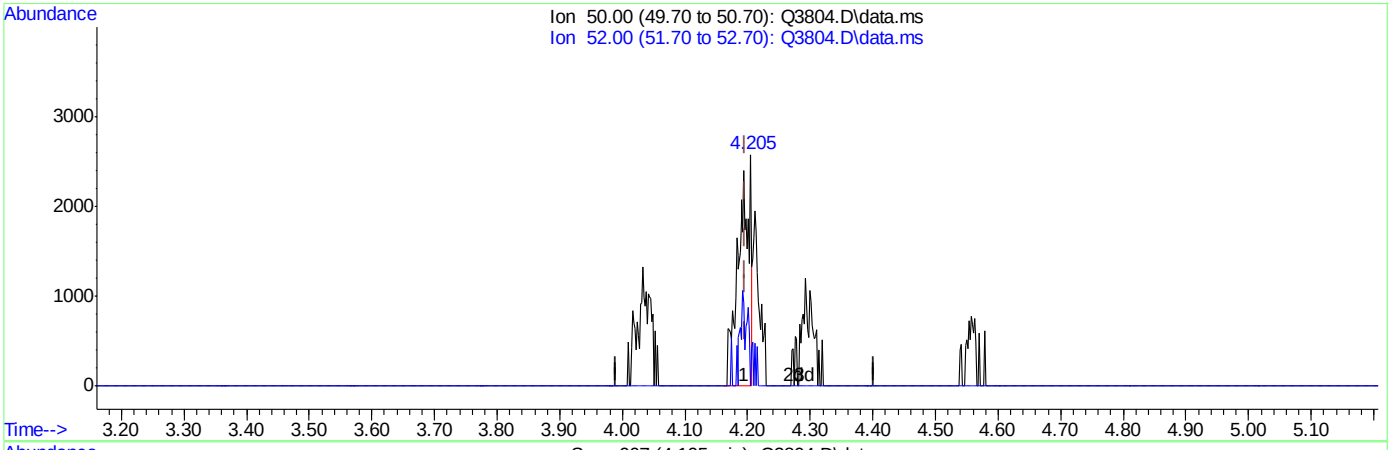


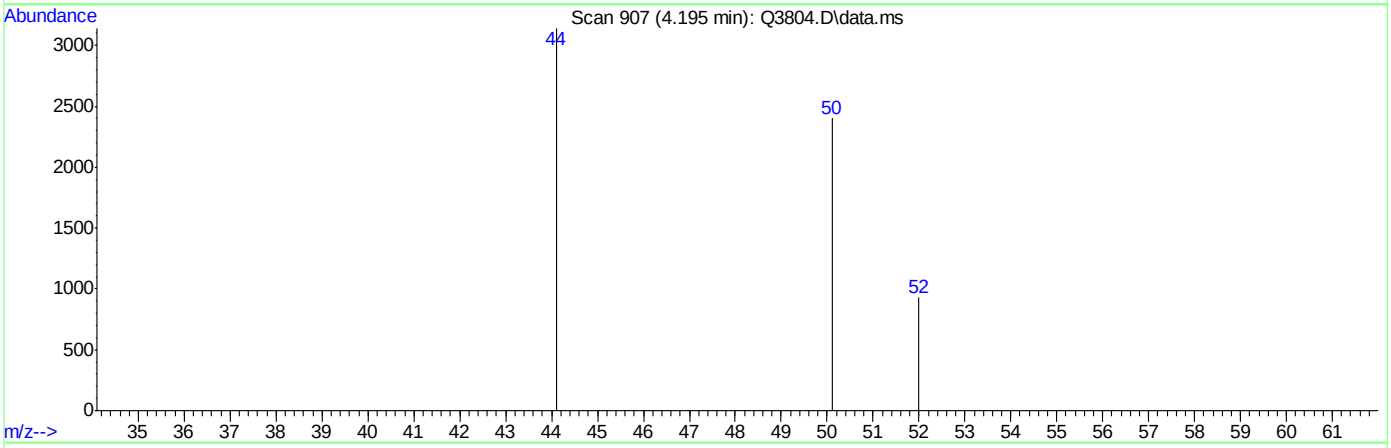
ACCUTEST Laboratories M66023

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

(5) CHLOROMETHANE (m)

4.195min (-0.002) 0.19PPBV

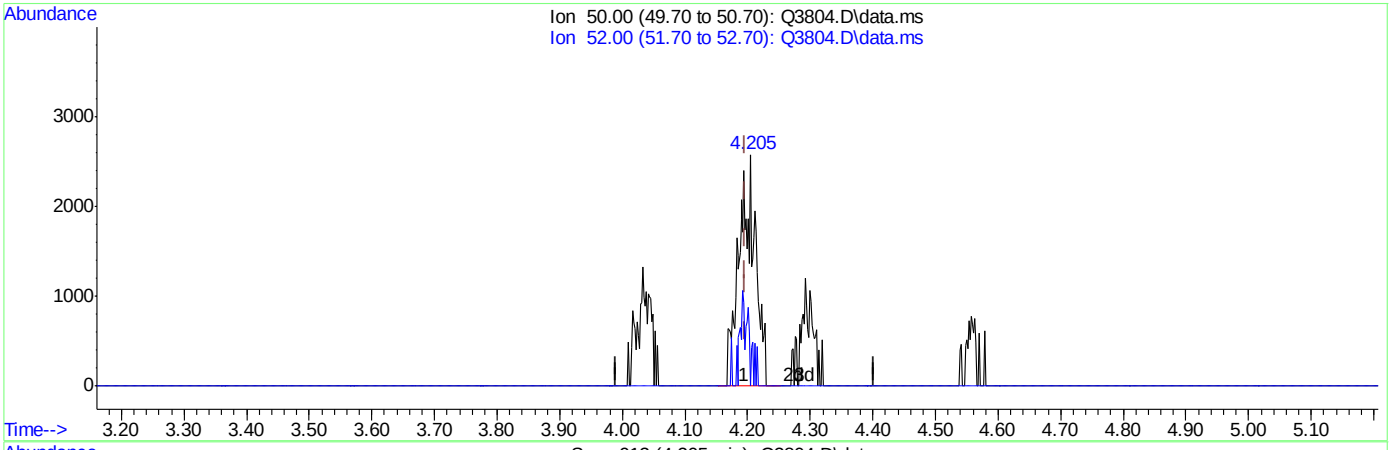
response 3380

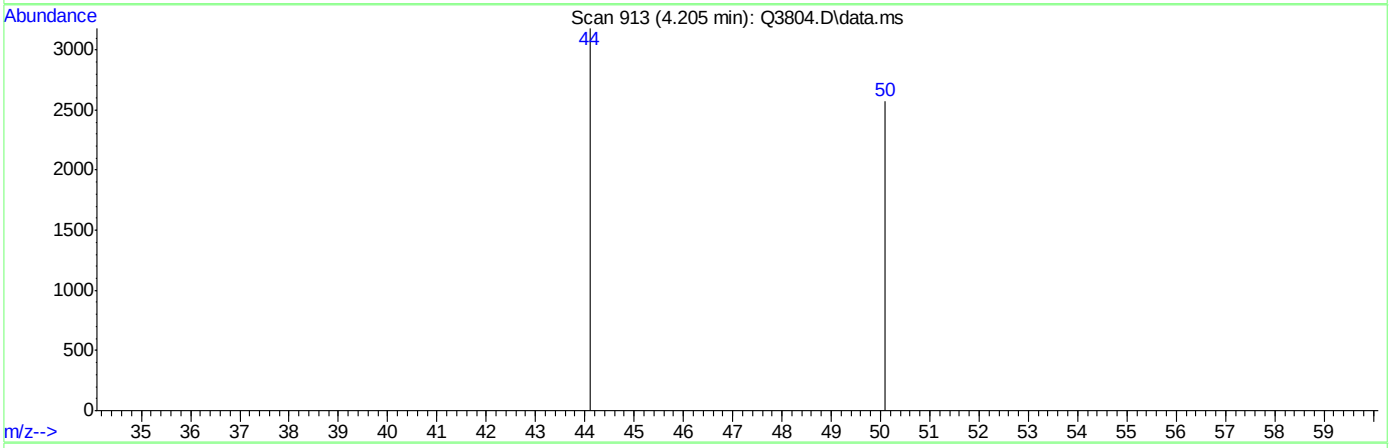
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	40.93
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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

(5) CHLOROMETHANE (m)

4.205min (+0.009) 0.27PPBV m

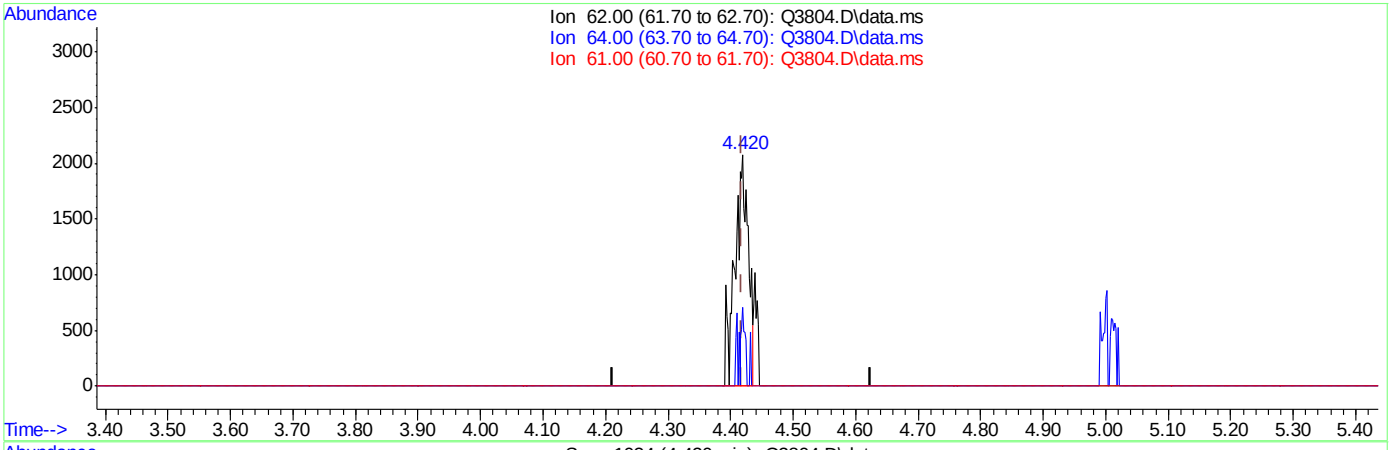
response 4770

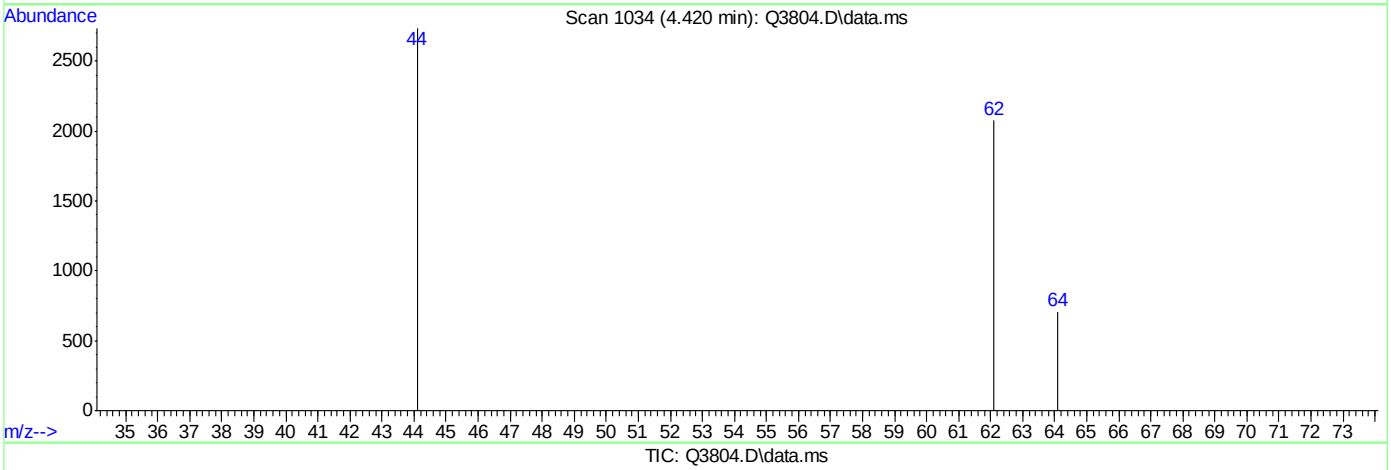
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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





TIC: Q3804.D\data.ms

(6) VINYL CHLORIDE (m)

4.420min (+0.002) 0.19PPBV

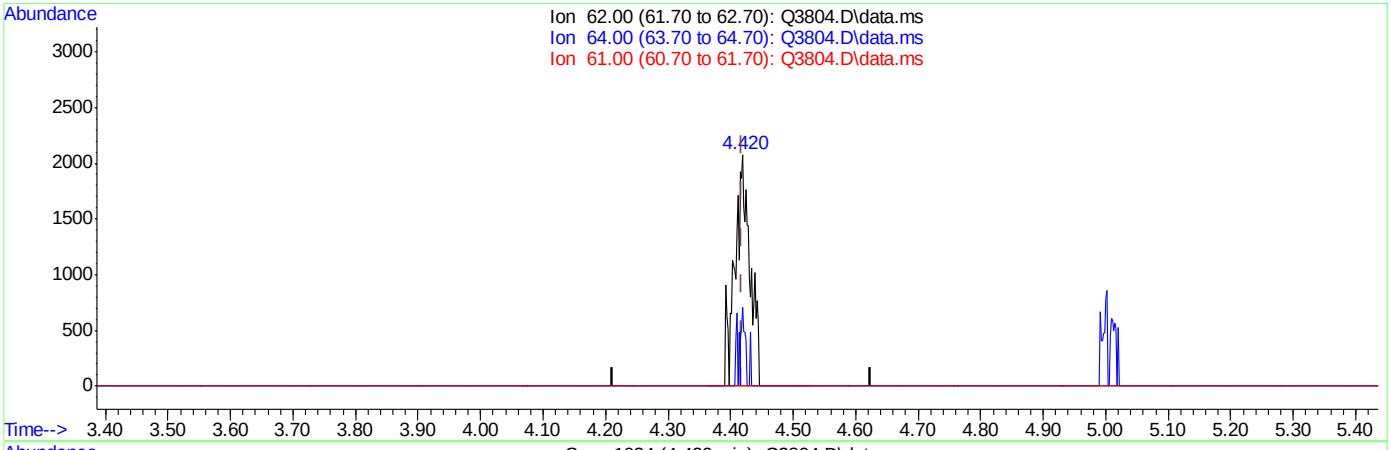
response 3251

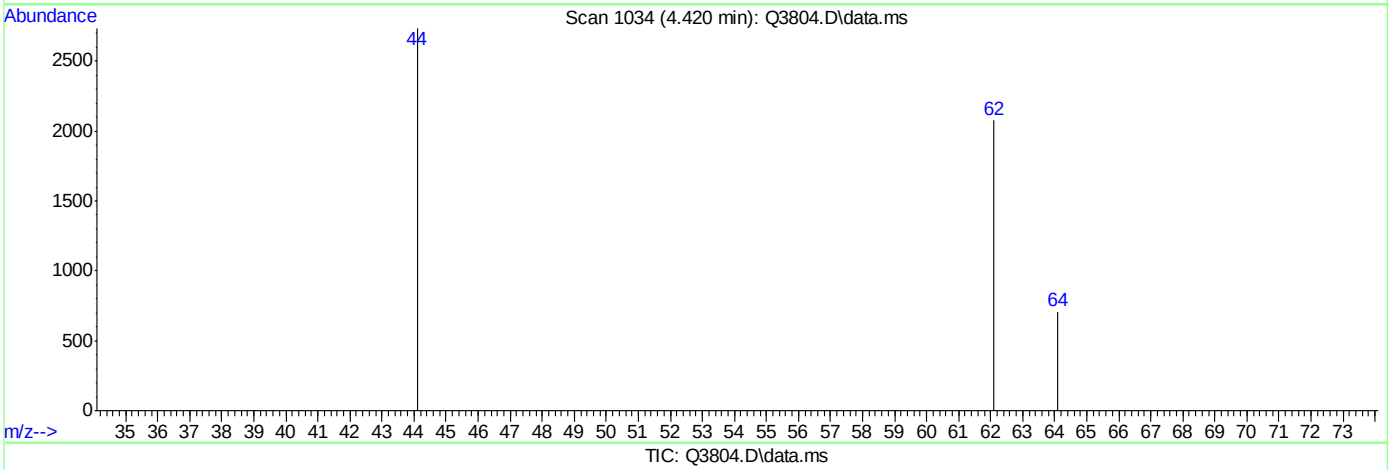
Ion	Exp%	Act%
62.00	100	100
64.00	30.40	10.03#
61.00	8.60	0.00
0.00	0.00	0.00

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

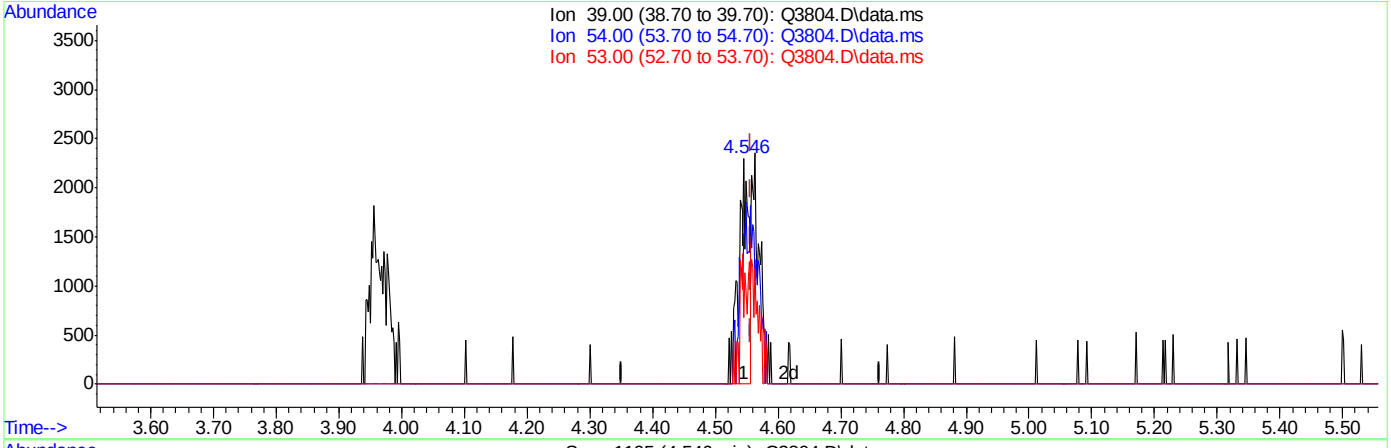
response 3645

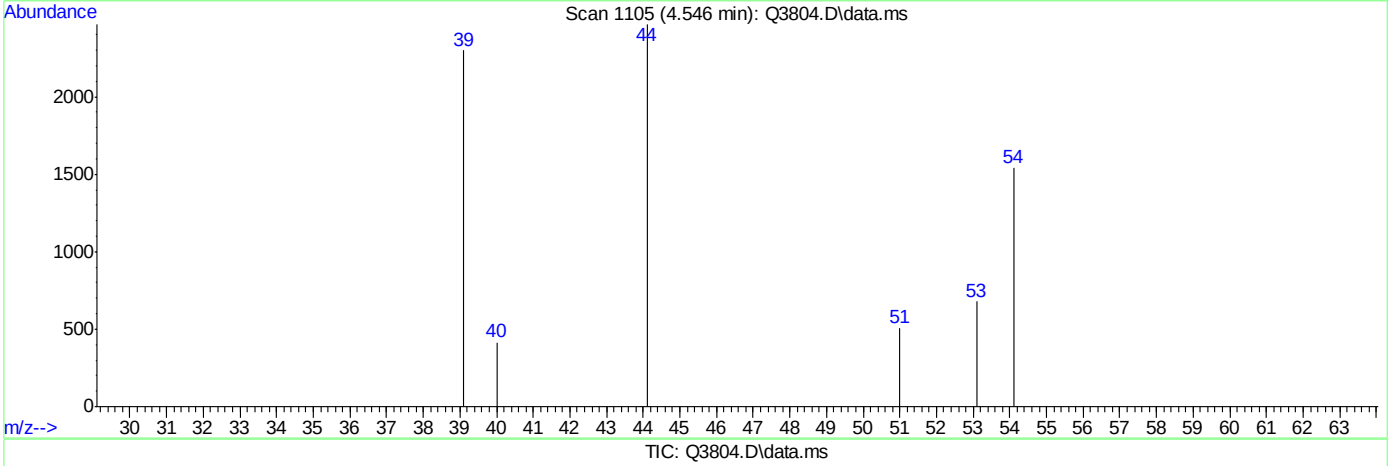
Ion	Exp%	Act%
62.00	100	100
64.00	30.40	8.94#
61.00	8.60	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3804.D
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)

4.546min (-0.011) 0.19PPBV

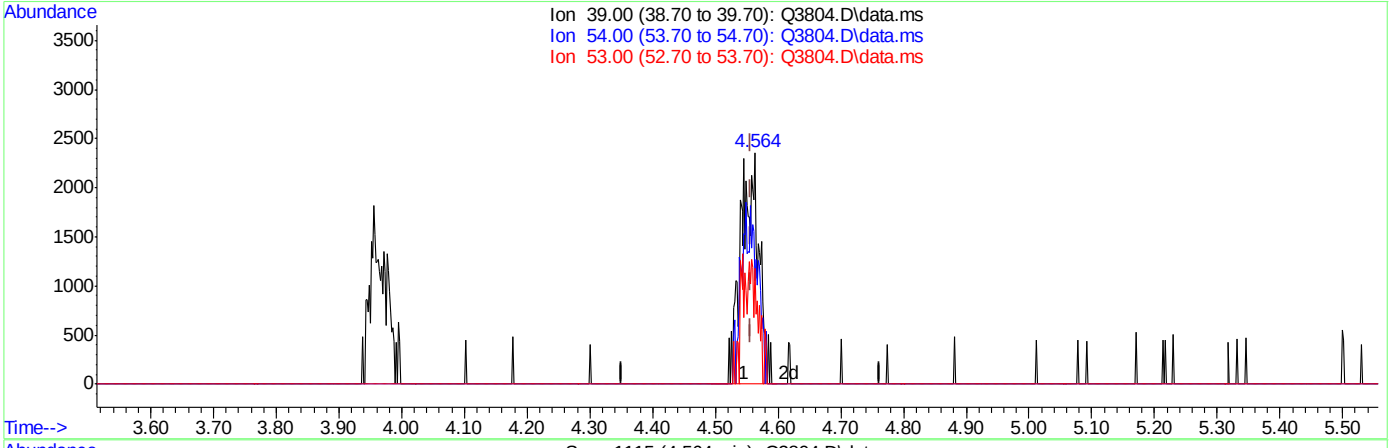
response 2605

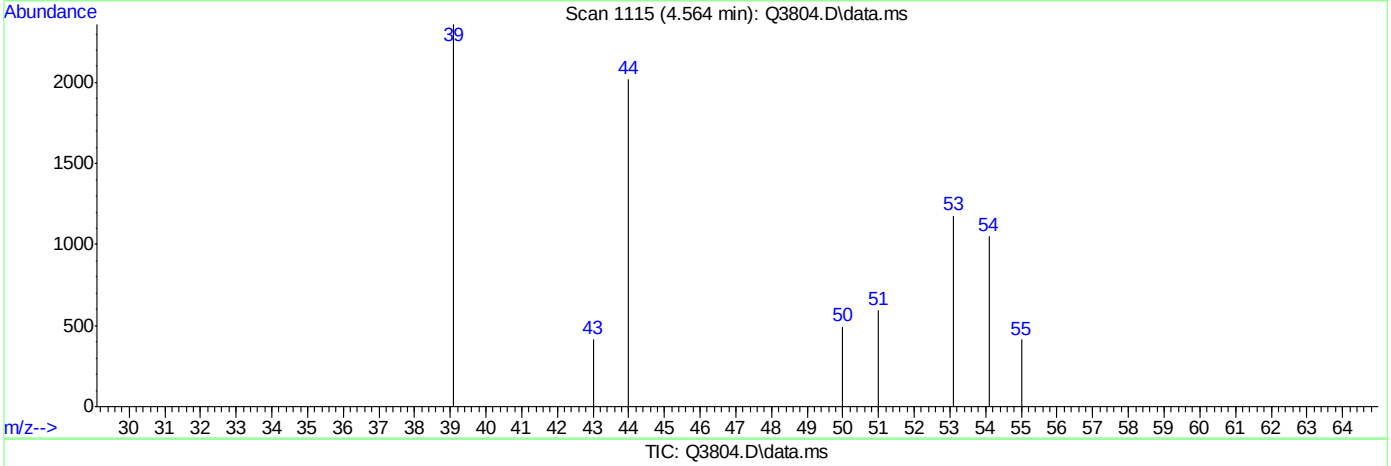
Ion	Exp%	Act%
39.00	100	100
54.00	111.20	130.60
53.00	75.80	83.76
0.00	0.00	0.00

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

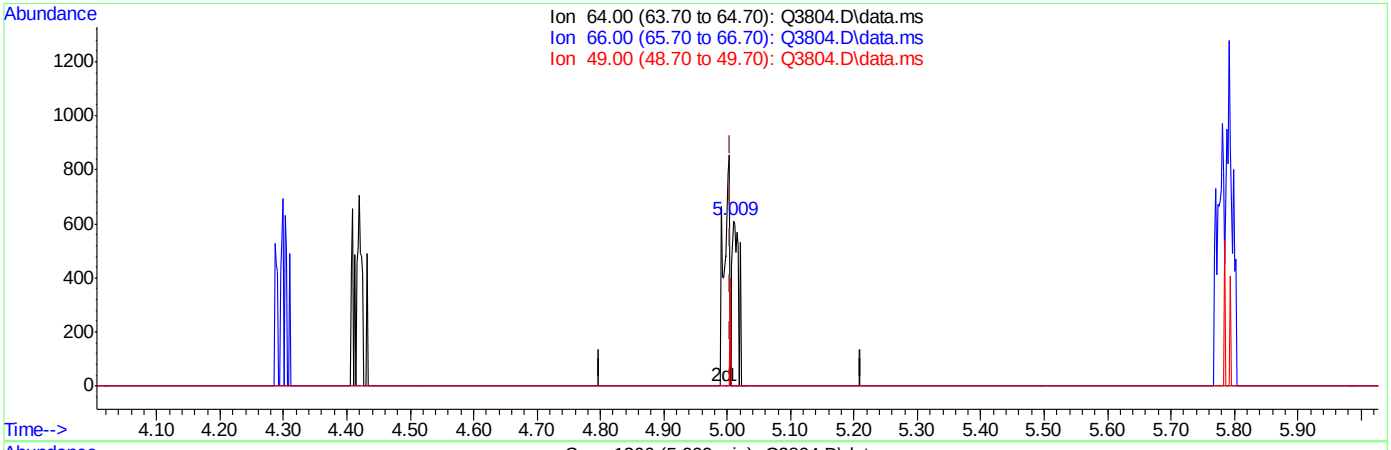
response 4694

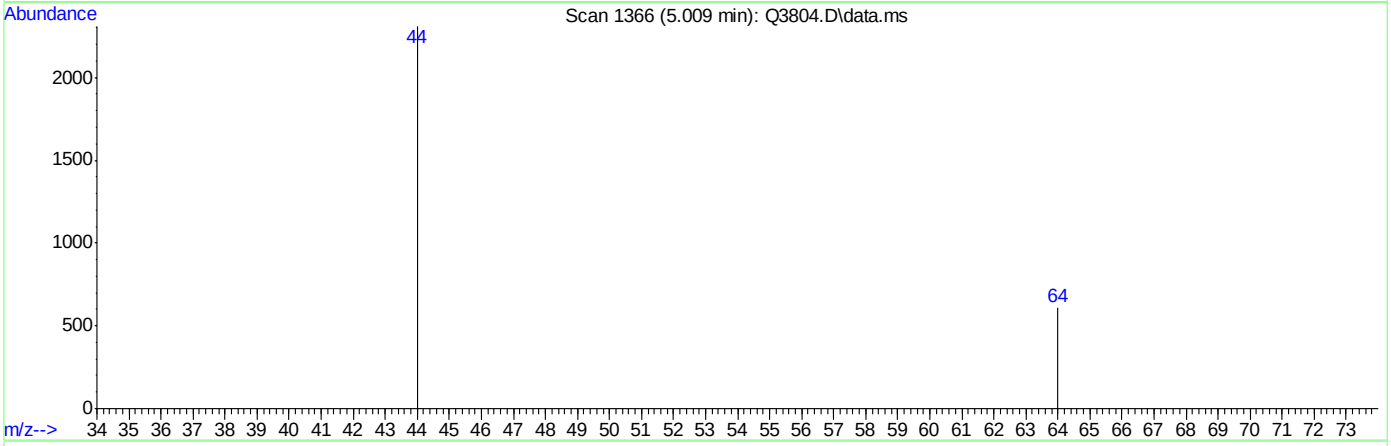
Ion	Exp%	Act%
39.00	100	100
54.00	111.20	72.48#
53.00	75.80	46.48#
0.00	0.00	0.00

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

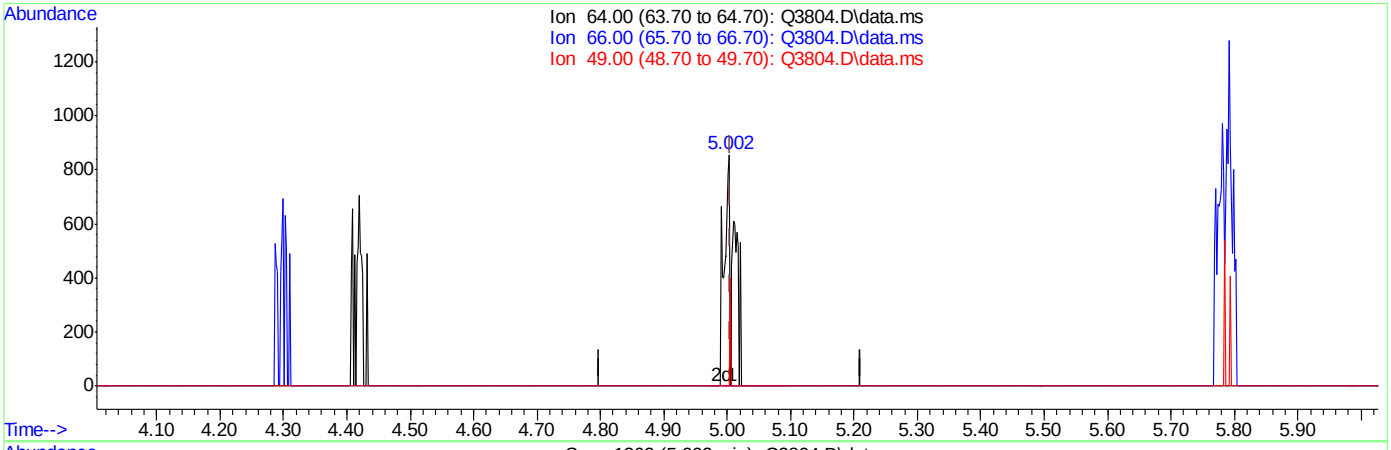
response 401

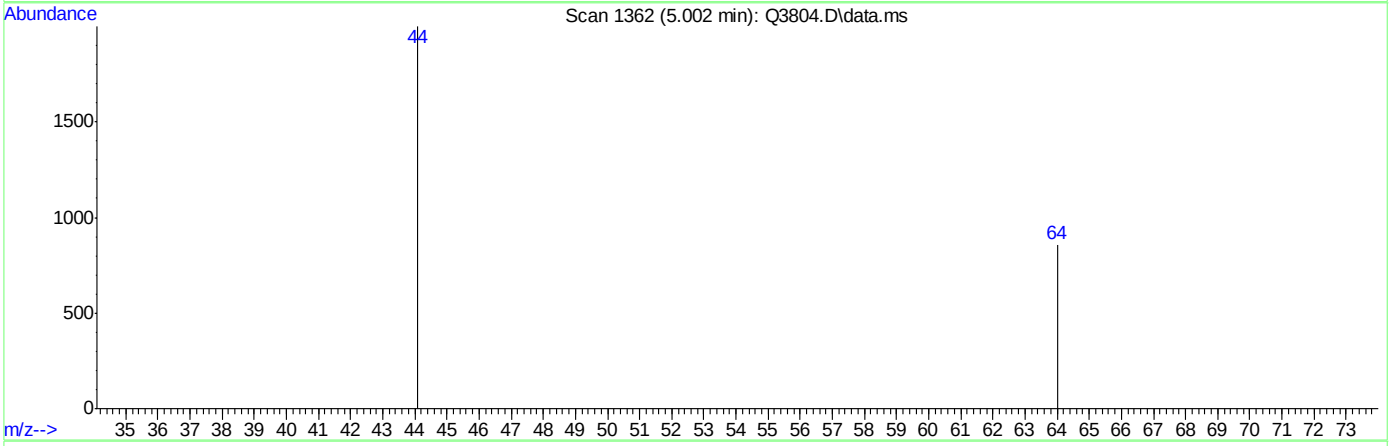
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	0.00#
49.00	36.50	0.00#
0.00	0.00	0.00

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

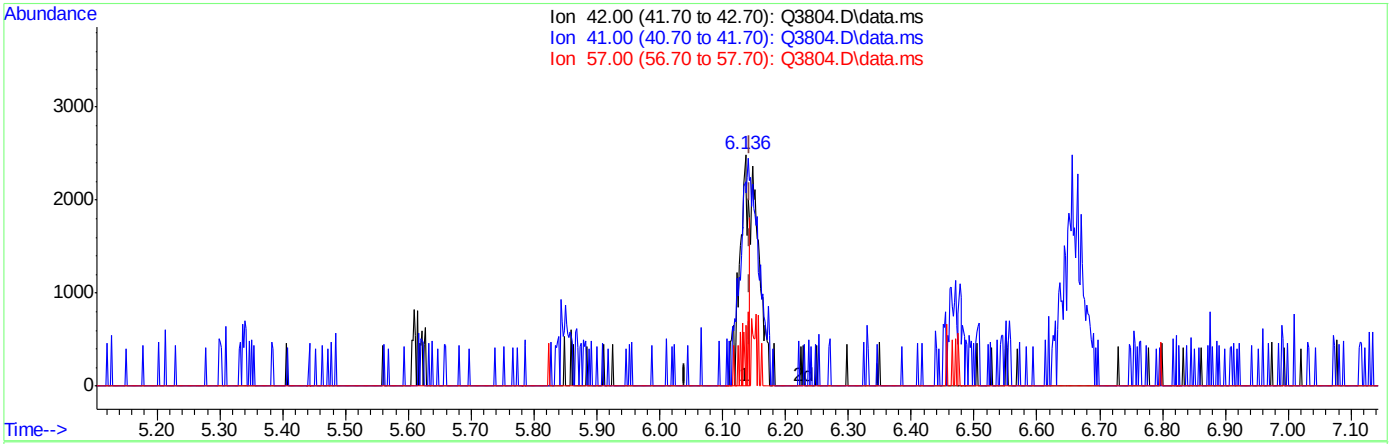
response 835

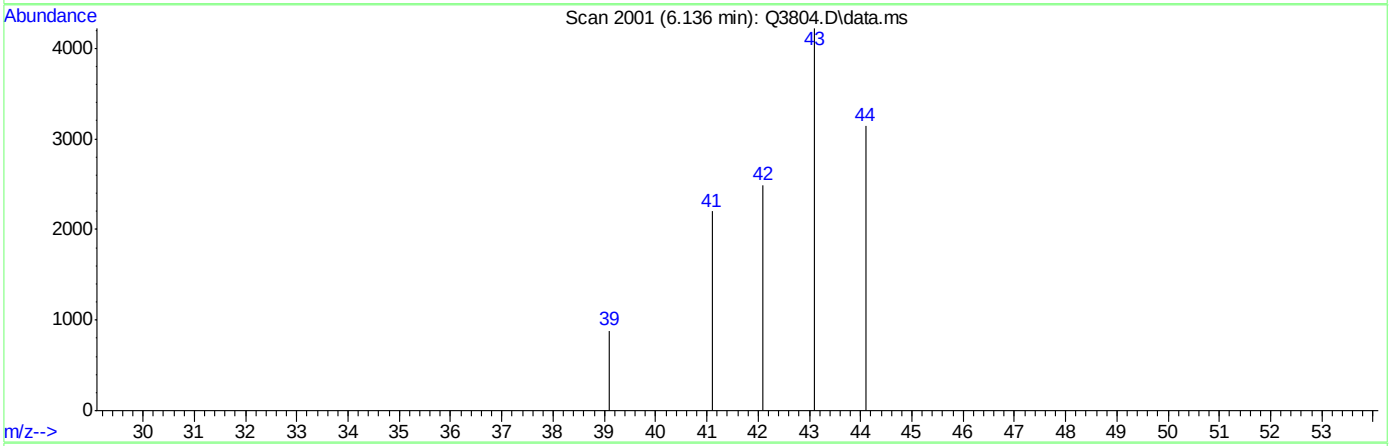
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	0.00#
49.00	36.50	0.00#
0.00	0.00	0.00

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

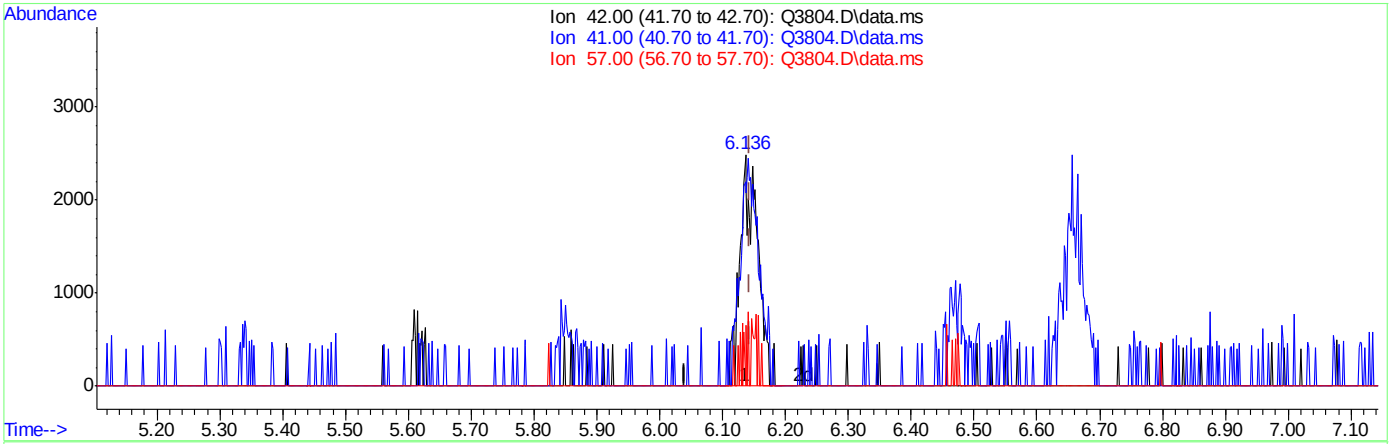
response 2637

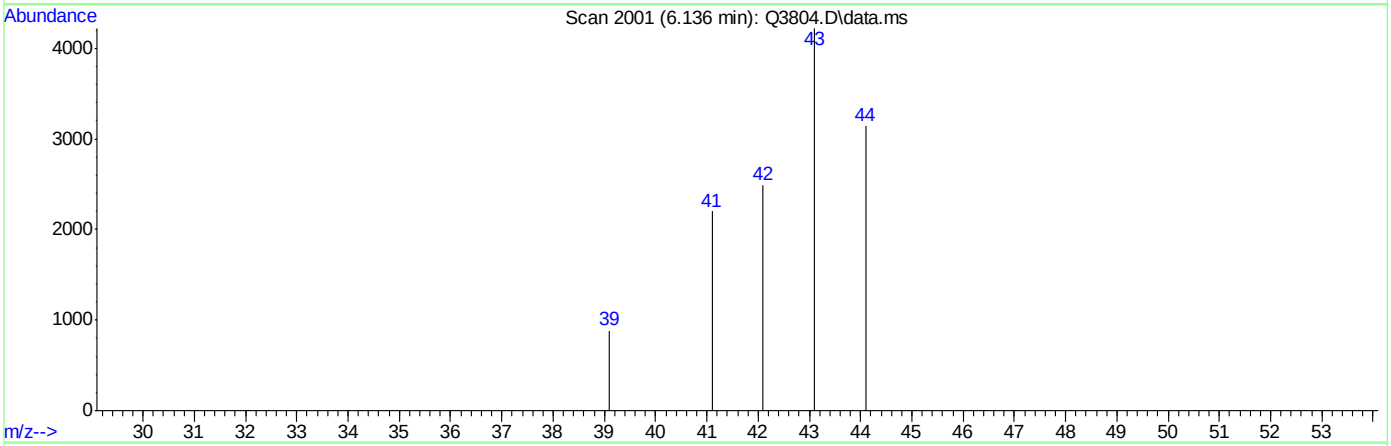
Ion	Exp%	Act%
42.00	100	100
41.00	94.80	199.05#
57.00	28.90	20.67
0.00	0.00	0.00

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

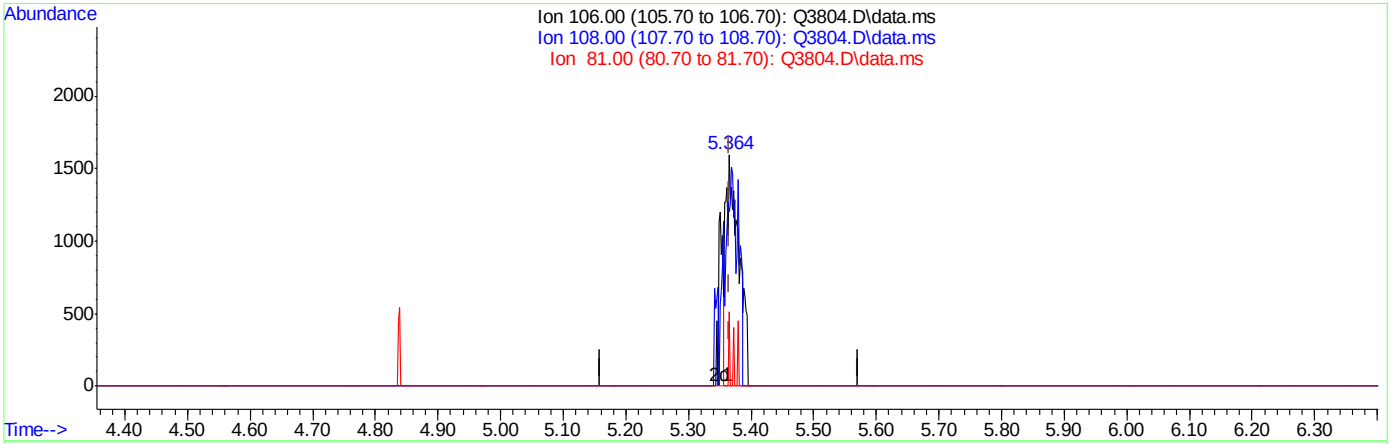
response 5022

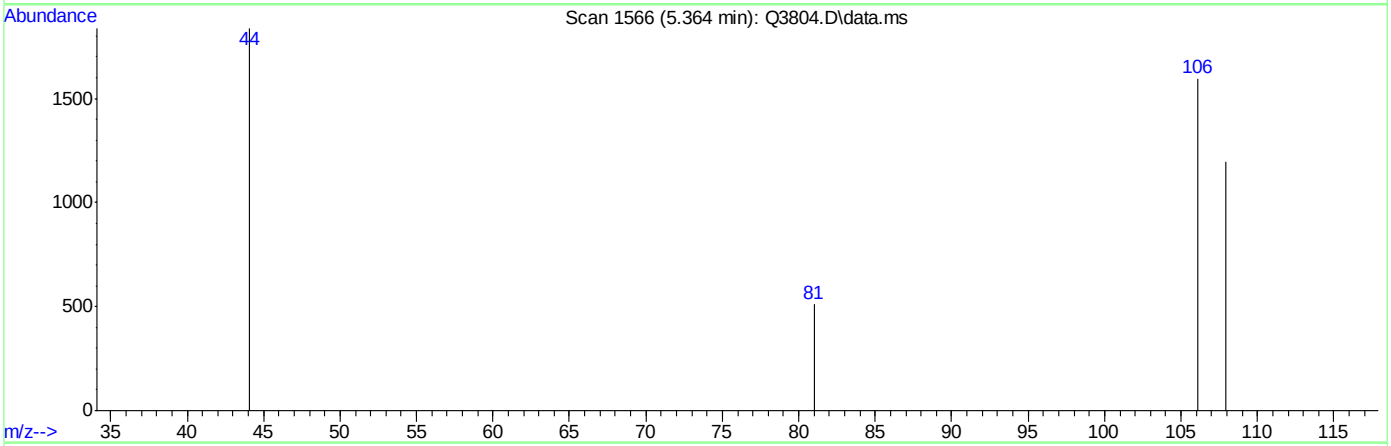
Ion	Exp%	Act%
42.00	100	100
41.00	94.80	104.52
57.00	28.90	10.85
0.00	0.00	0.00

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

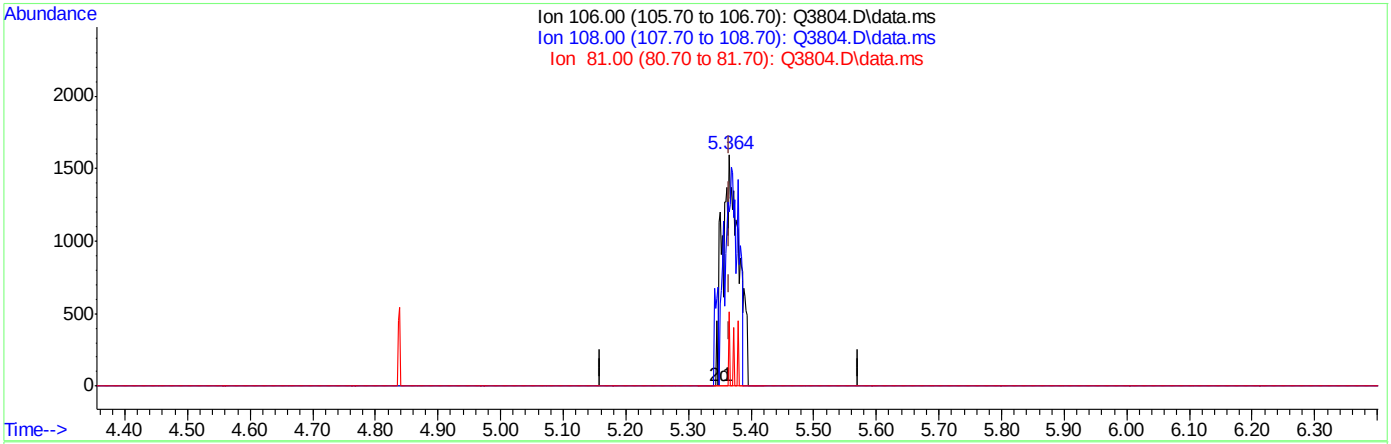
response 2359

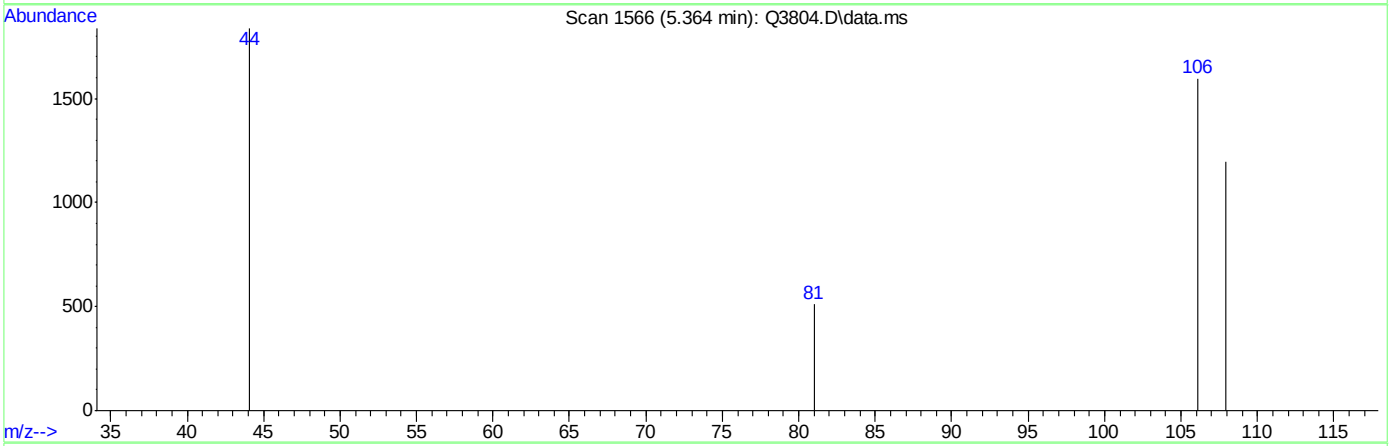
Ion	Exp%	Act%
106.00	100	100
108.00	94.00	96.61
81.00	16.80	0.00#
0.00	0.00	0.00

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

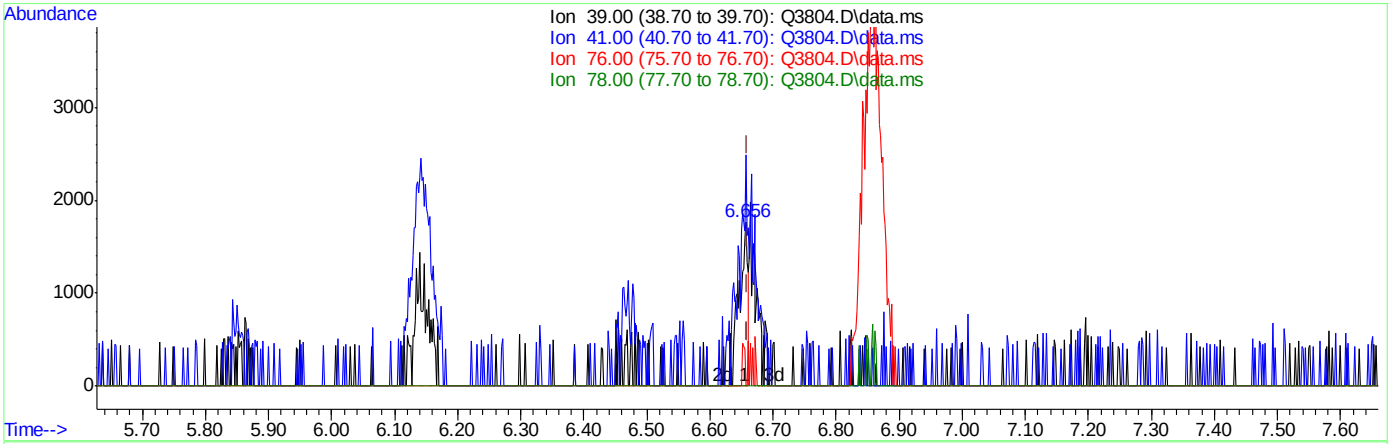
response 2928

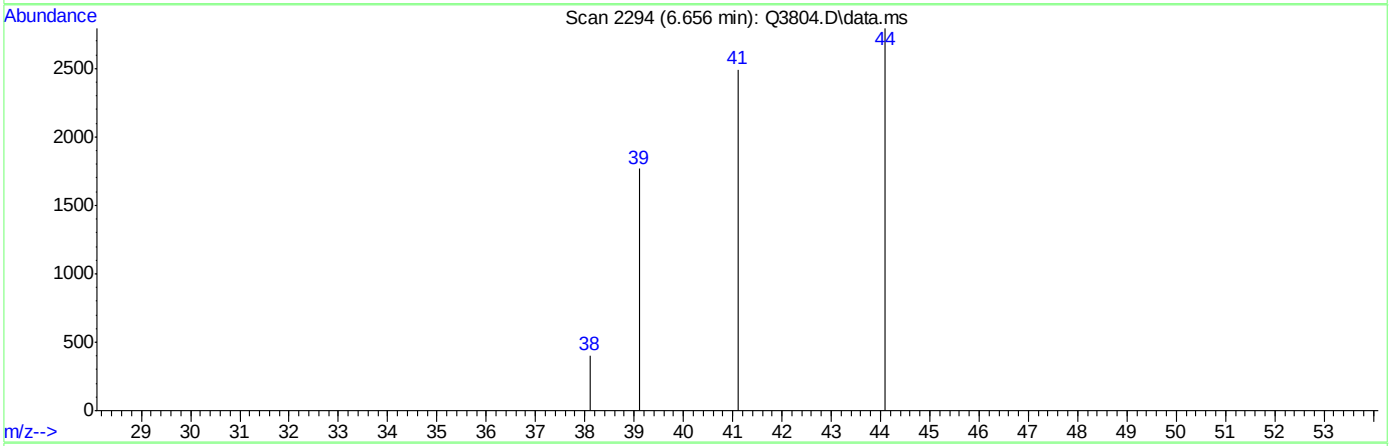
Ion	Exp%	Act%
106.00	100	100
108.00	94.00	77.83
81.00	16.80	0.00#
0.00	0.00	0.00

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

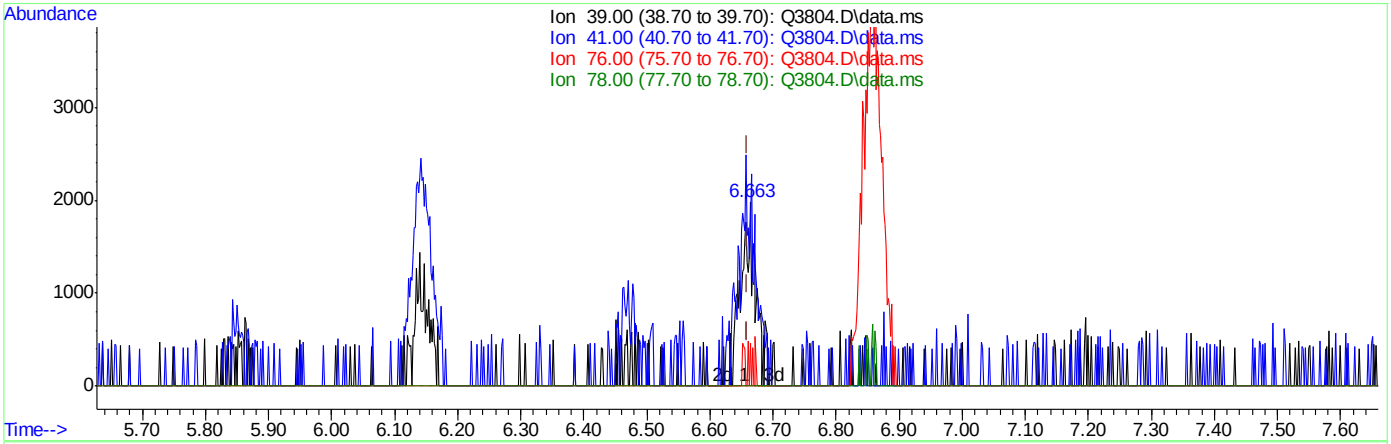
Ion	Exp%	Act%
39.00	100	100
41.00	130.80	266.71#
76.00	38.00	20.08
78.00	12.20	0.00

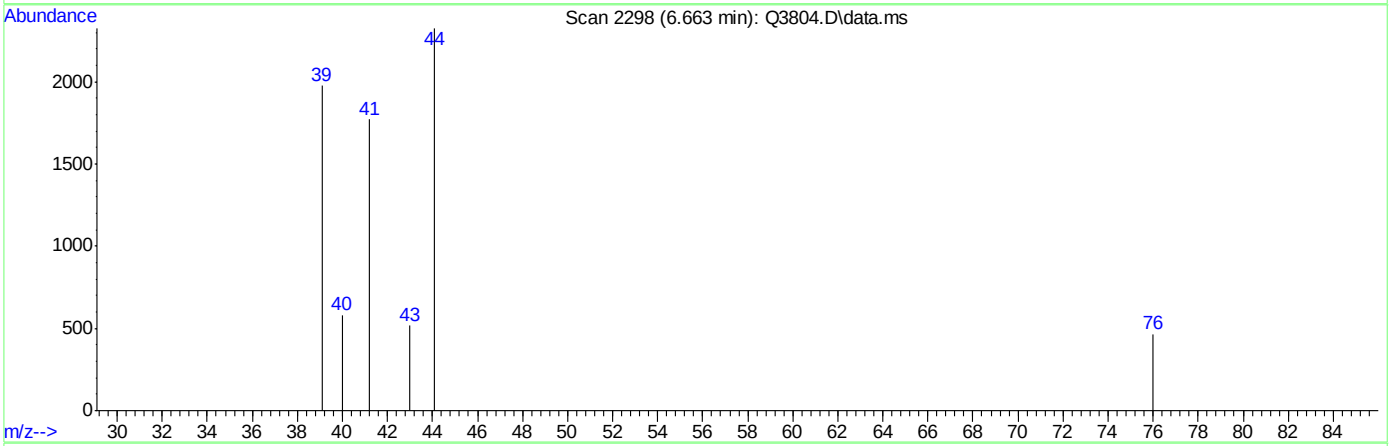
ACCUTEST Laboratories M66023

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

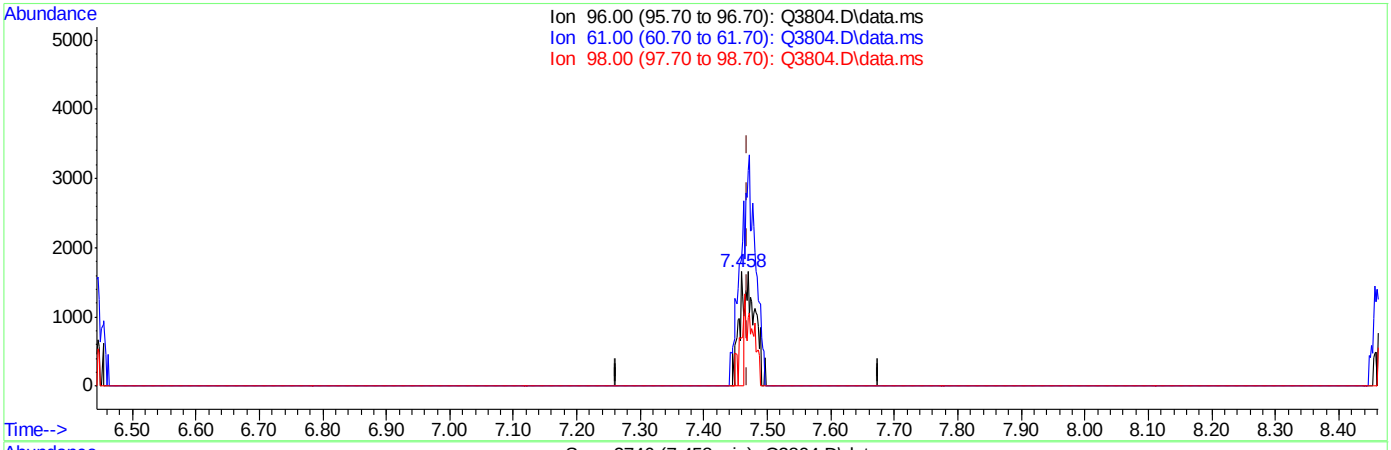
response 3473

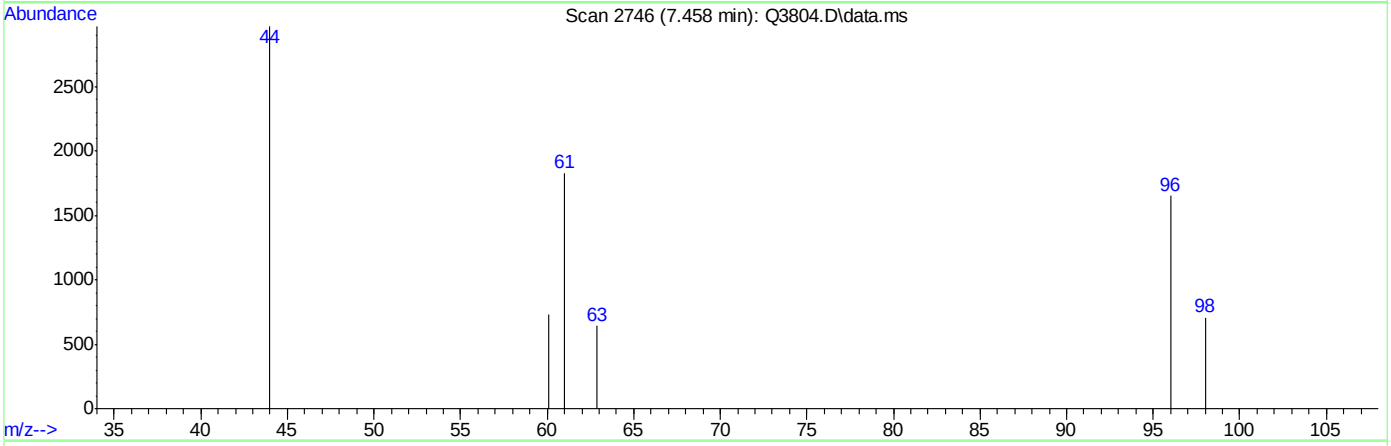
Ion	Exp%	Act%
39.00	100	100
41.00	130.80	129.63
76.00	38.00	9.76#
78.00	12.20	0.00

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

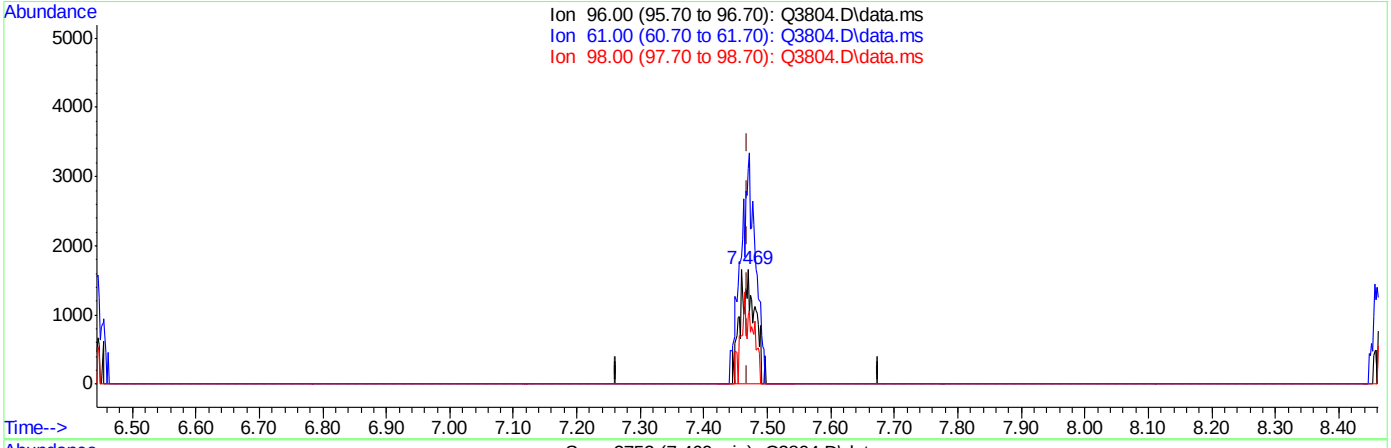
response 888

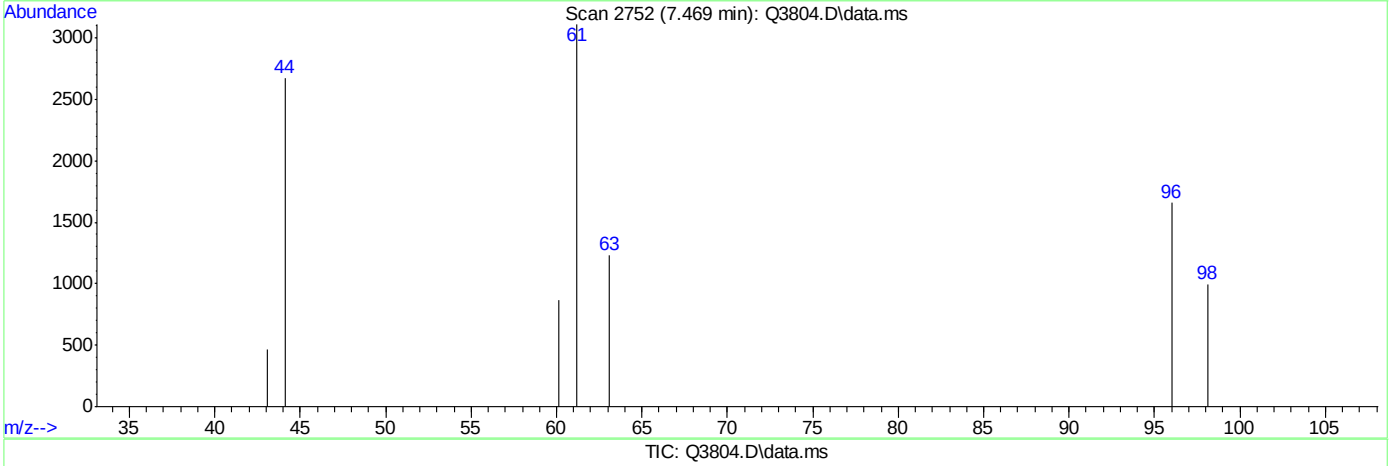
Ion	Exp%	Act%
96.00	100	100
61.00	181.00	600.00#
98.00	63.30	186.26#
0.00	0.00	0.00

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

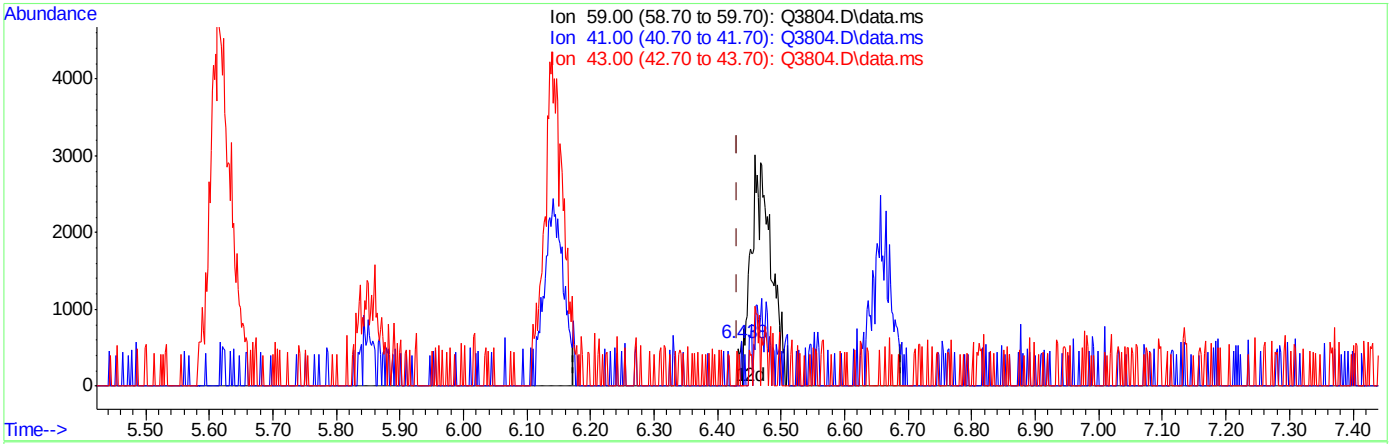
response 2676

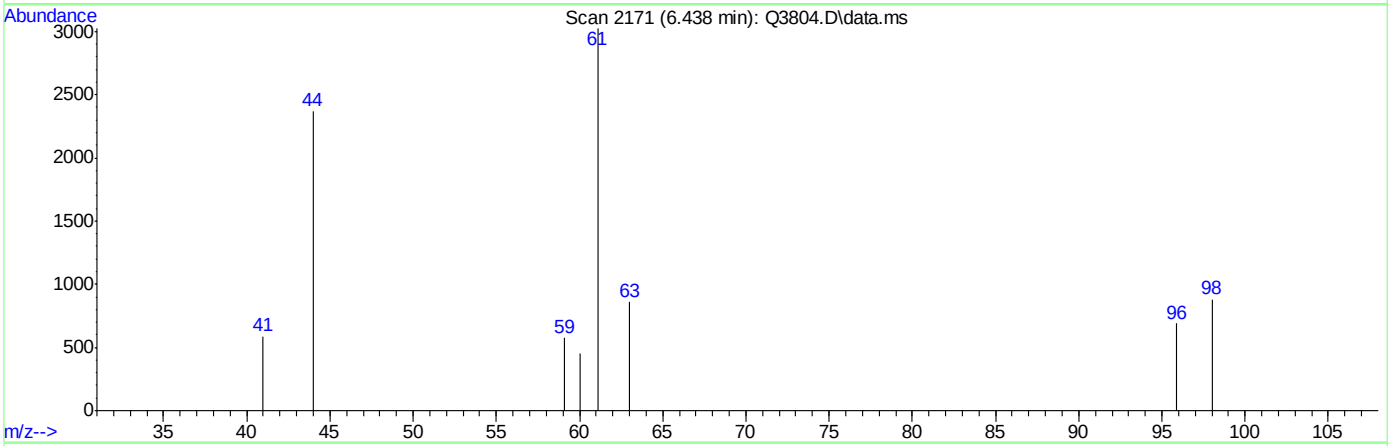
Ion	Exp%	Act%
96.00	100	100
61.00	181.00	199.10
98.00	63.30	61.81
0.00	0.00	0.00

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

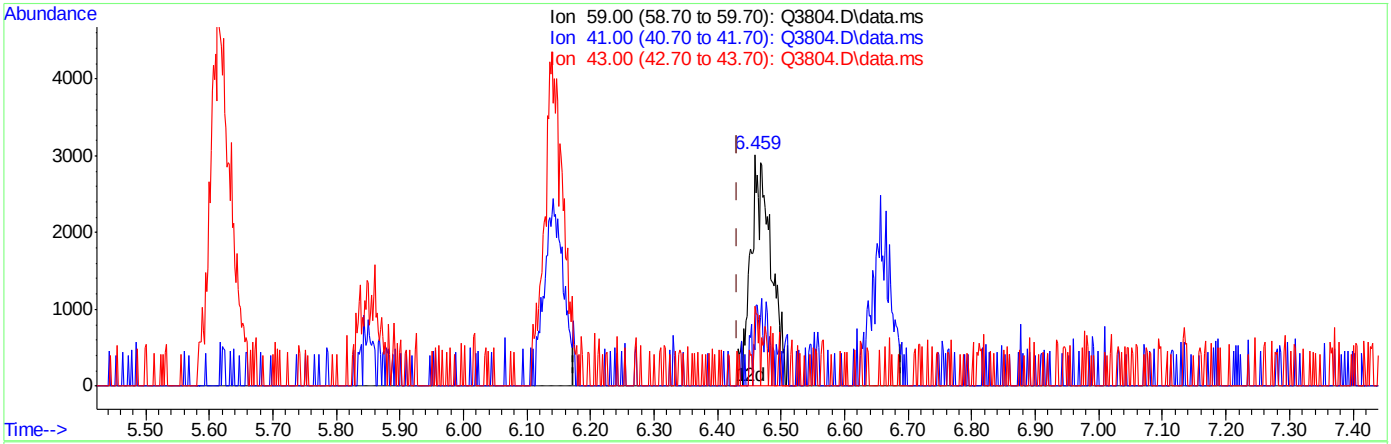
response 203

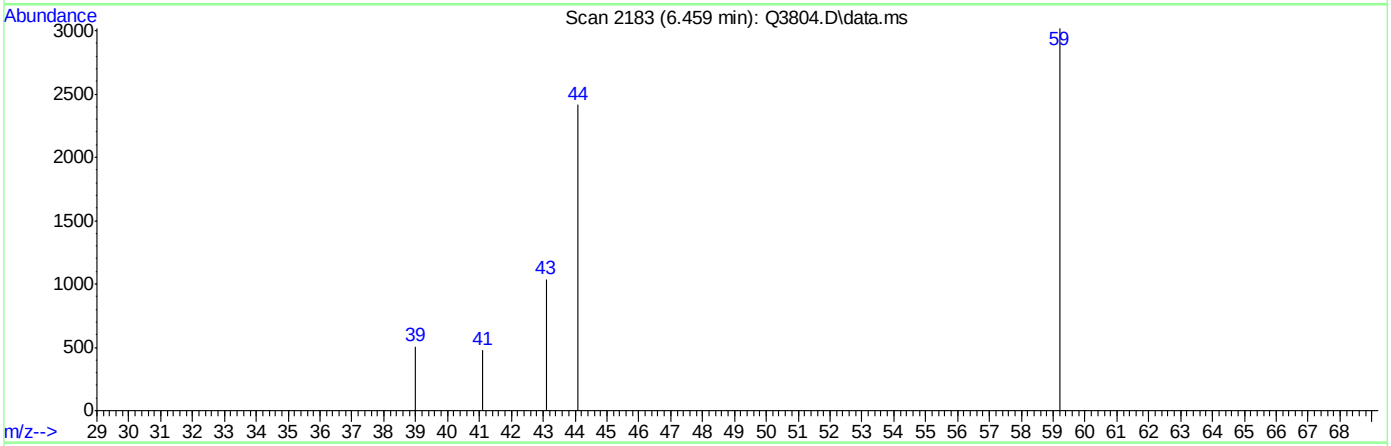
Ion	Exp%	Act%
59.00	100	100
41.00	16.40	0.00
43.00	13.40	0.00
0.00	0.00	0.00

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





(22) TERTIARY BUTYL ALCOHOL (m)

6.459min (+0.028) 0.23PPBV m

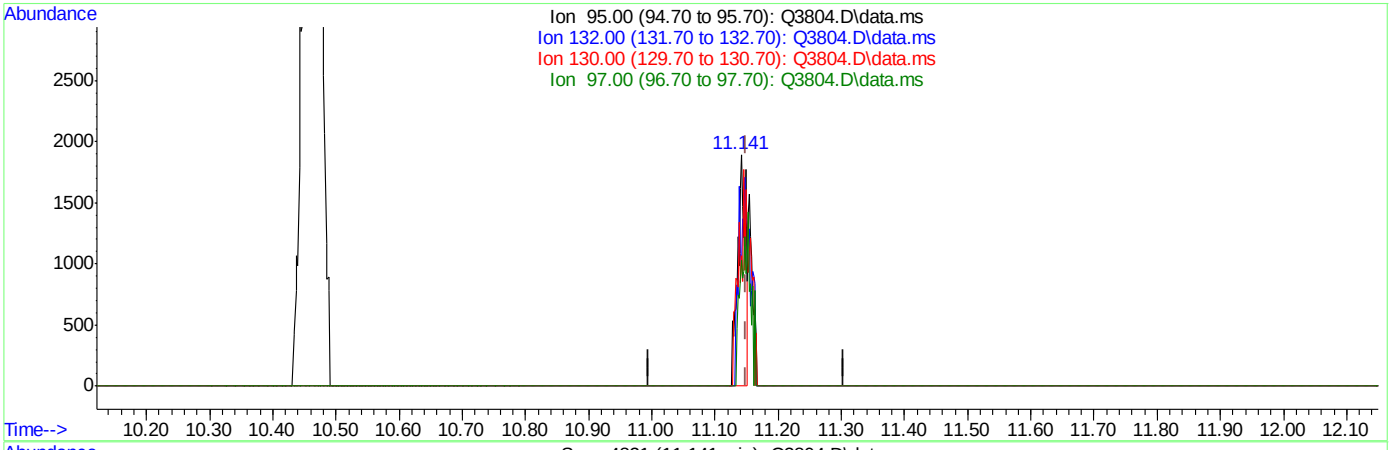
response 6643

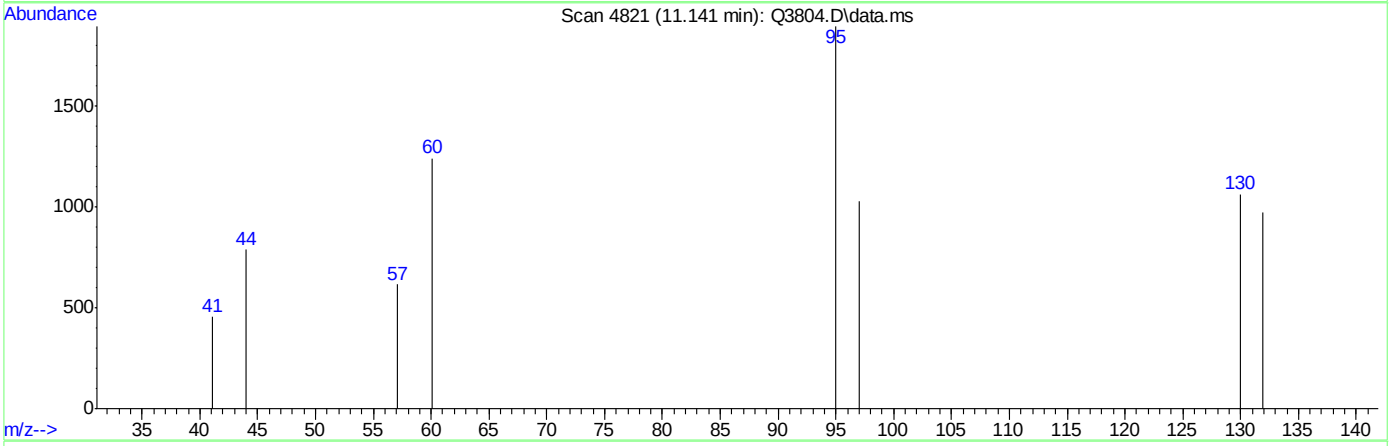
Ion	Exp%	Act%
59.00	100	100
41.00	16.40	0.00
43.00	13.40	0.00
0.00	0.00	0.00

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

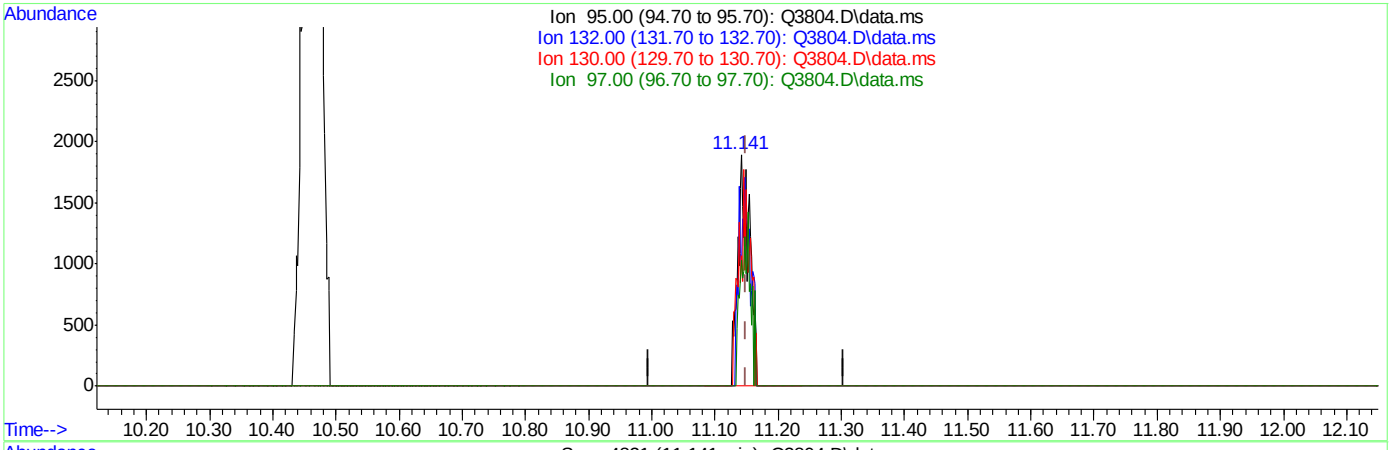
response 1633

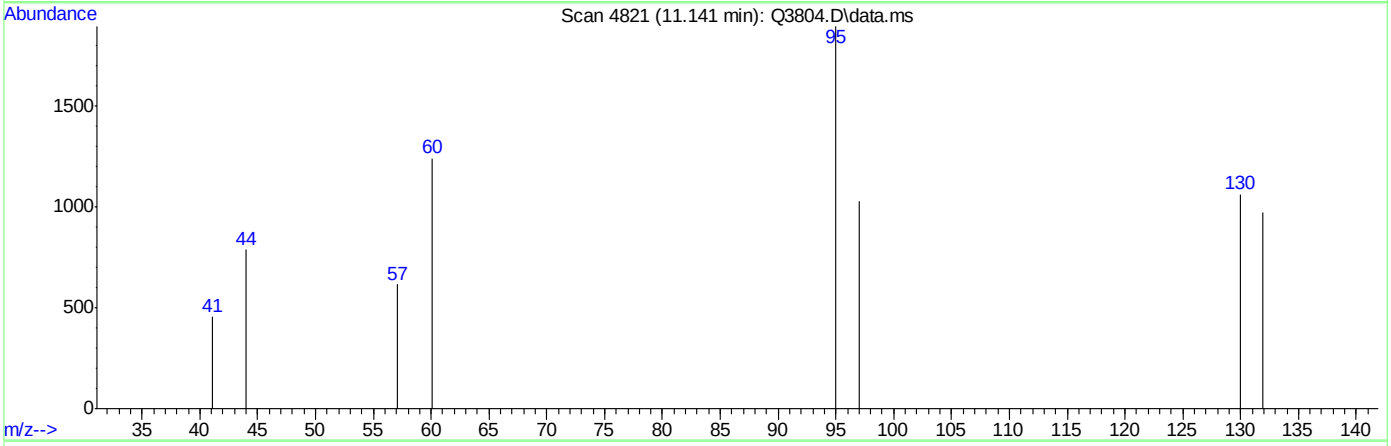
Ion	Exp%	Act%
95.00	100	100
132.00	92.20	128.29#
130.00	90.60	129.58#
97.00	64.20	90.94#

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

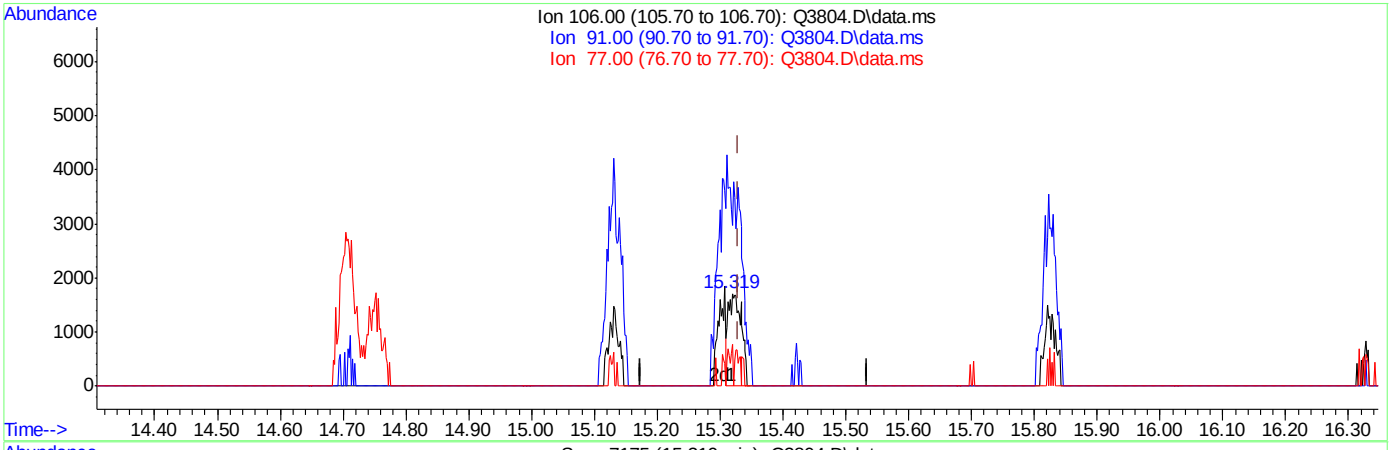
response 2437

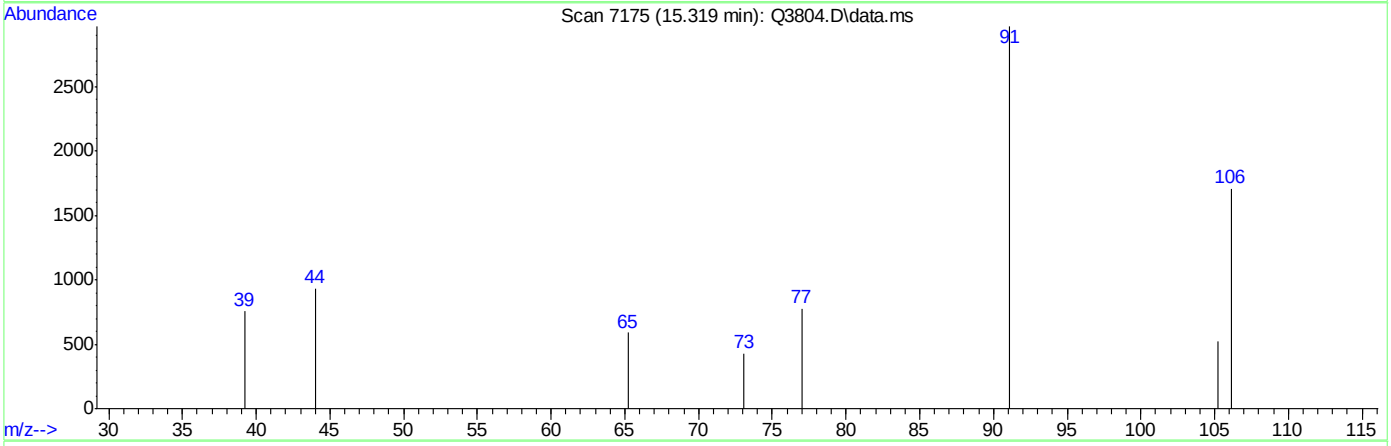
Ion	Exp%	Act%
95.00	100	100
132.00	92.20	85.97
130.00	90.60	86.83
97.00	64.20	60.94

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

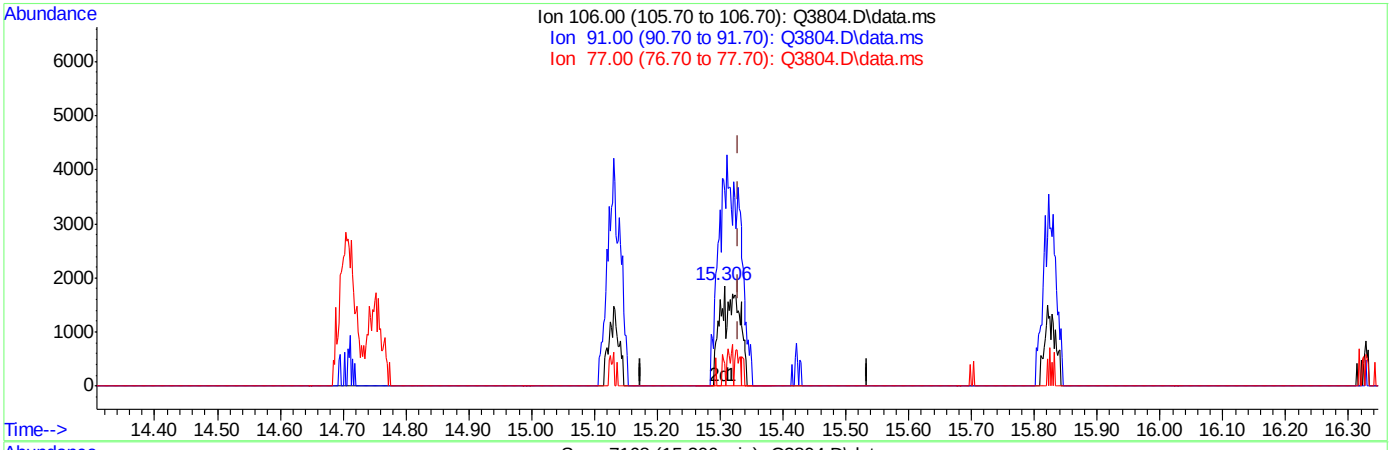
response 2599

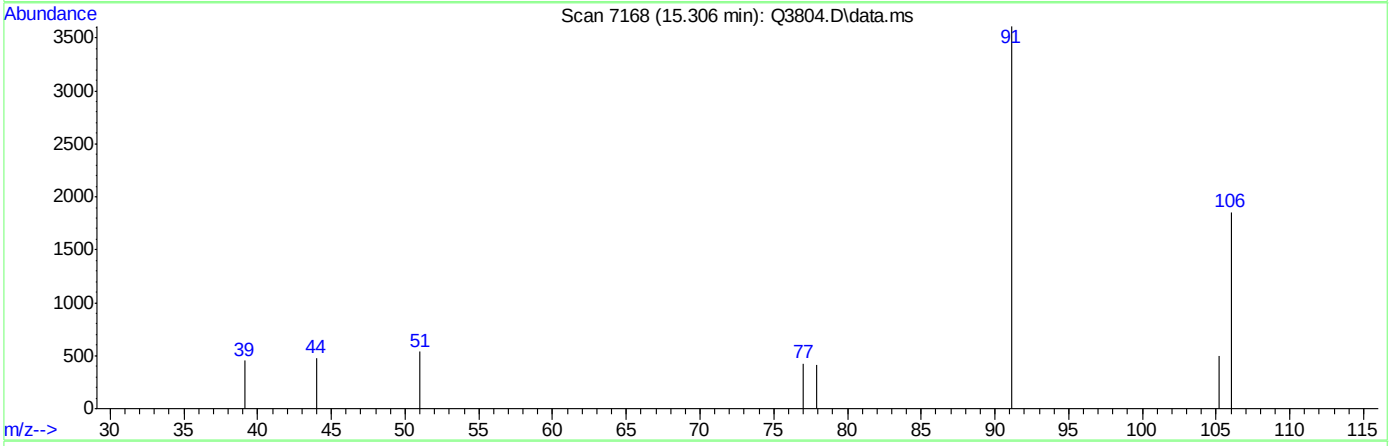
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	173.79
77.00	27.30	45.47#
0.00	0.00	0.00

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

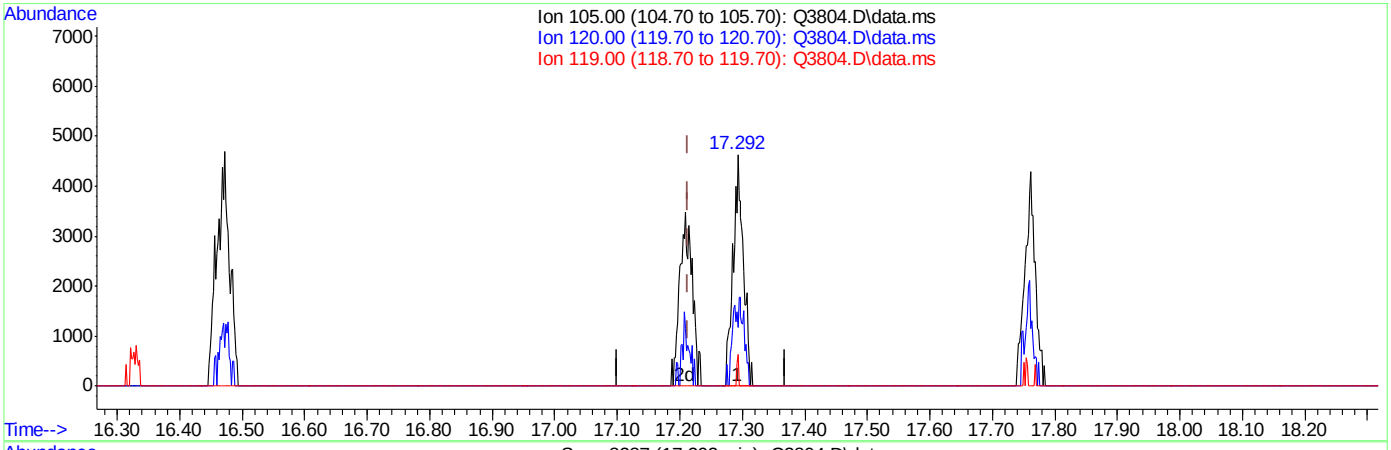
response 3976

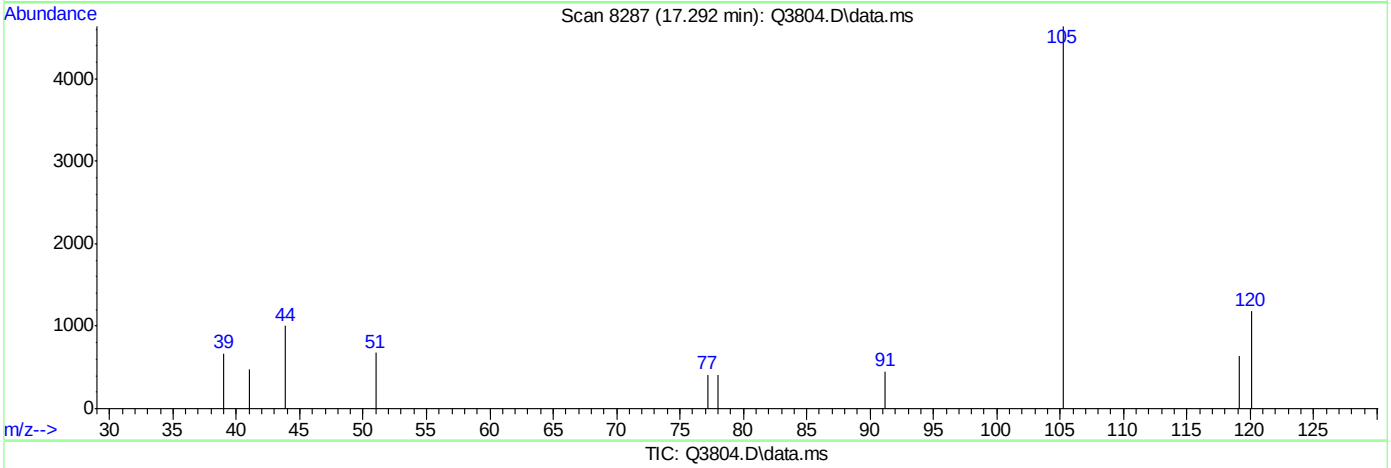
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	194.35
77.00	27.30	22.89
0.00	0.00	0.00

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

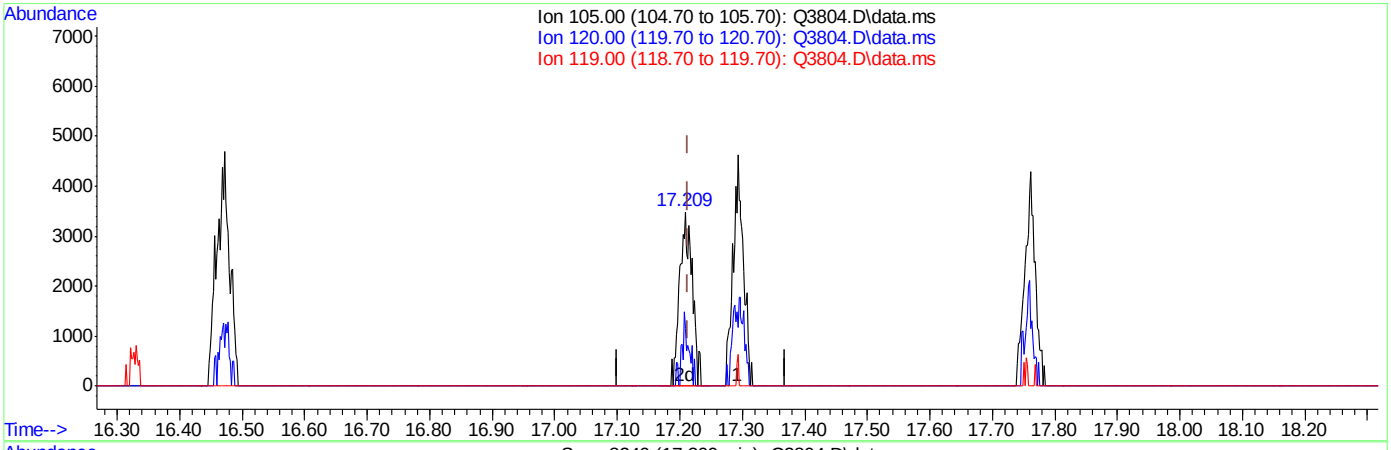
response 5556

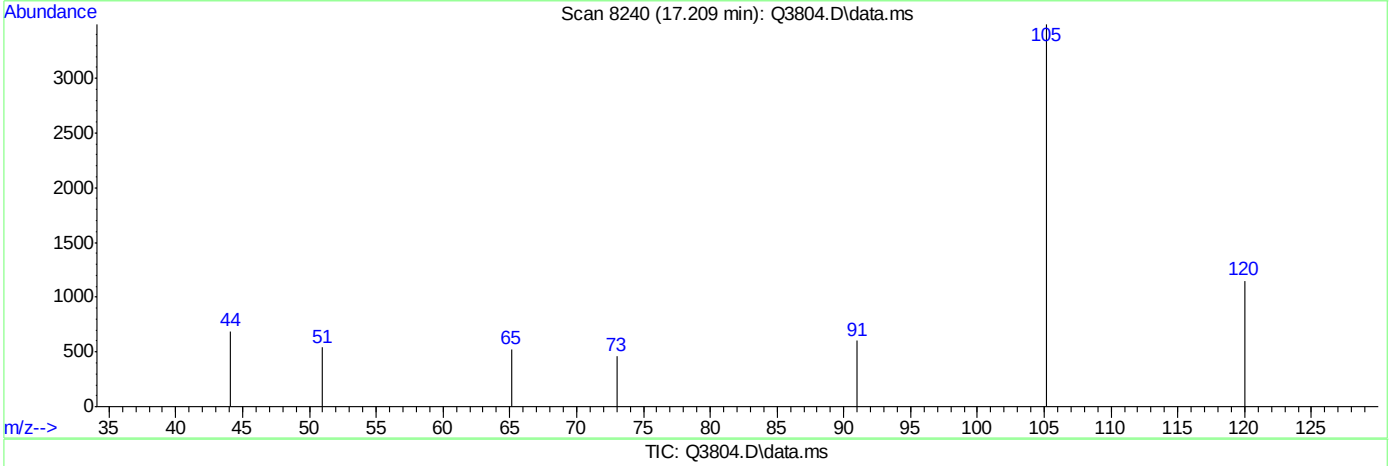
Ion	Exp%	Act%
105.00	100	100
120.00	29.20	41.40
119.00	2.10	2.09
0.00	0.00	0.00

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

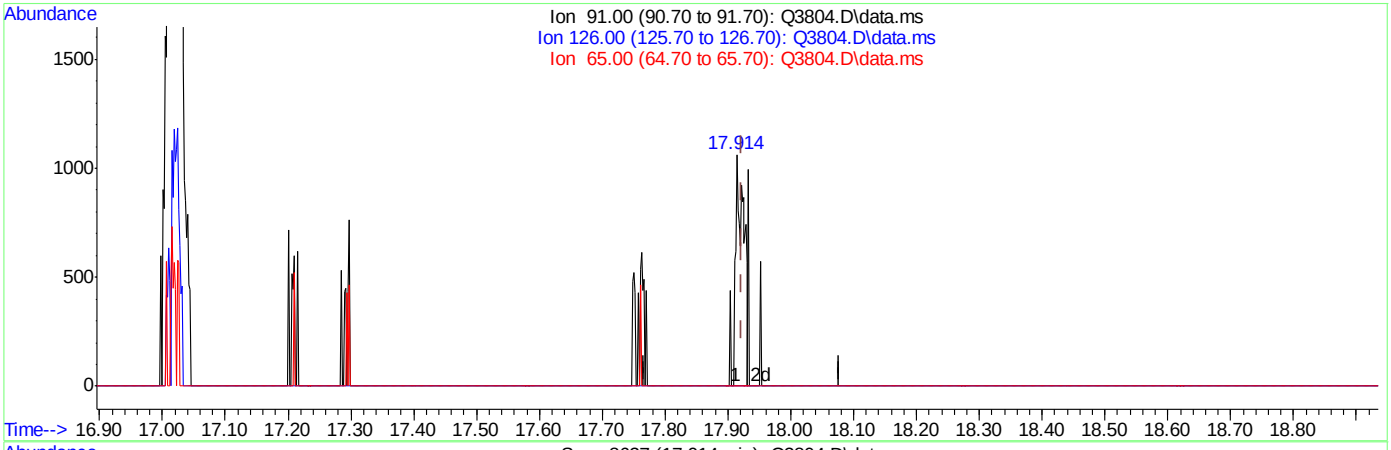
response 4817

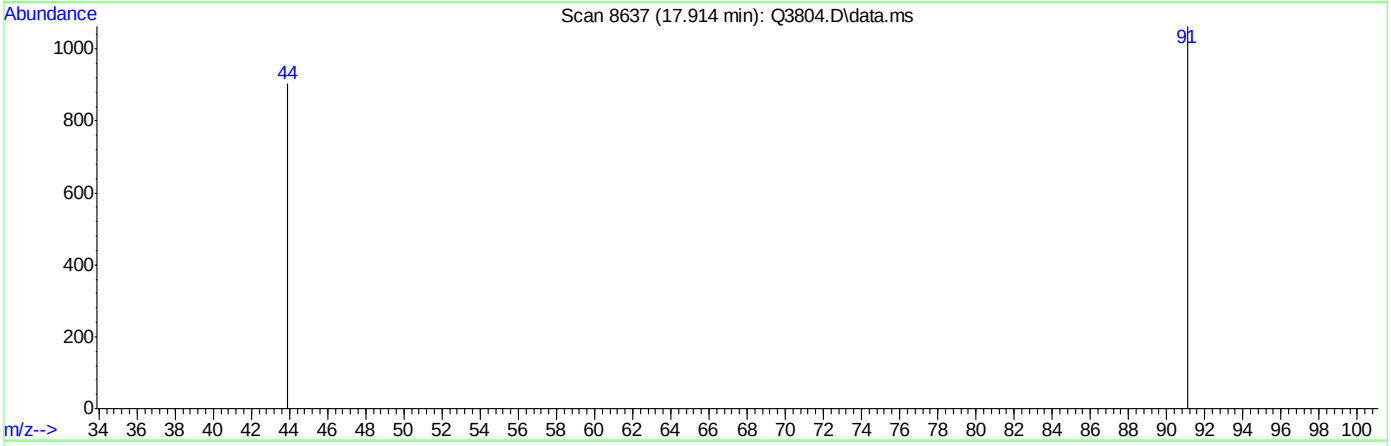
Ion	Exp%	Act%
105.00	100	100
120.00	29.20	47.75
119.00	2.10	2.41
0.00	0.00	0.00

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

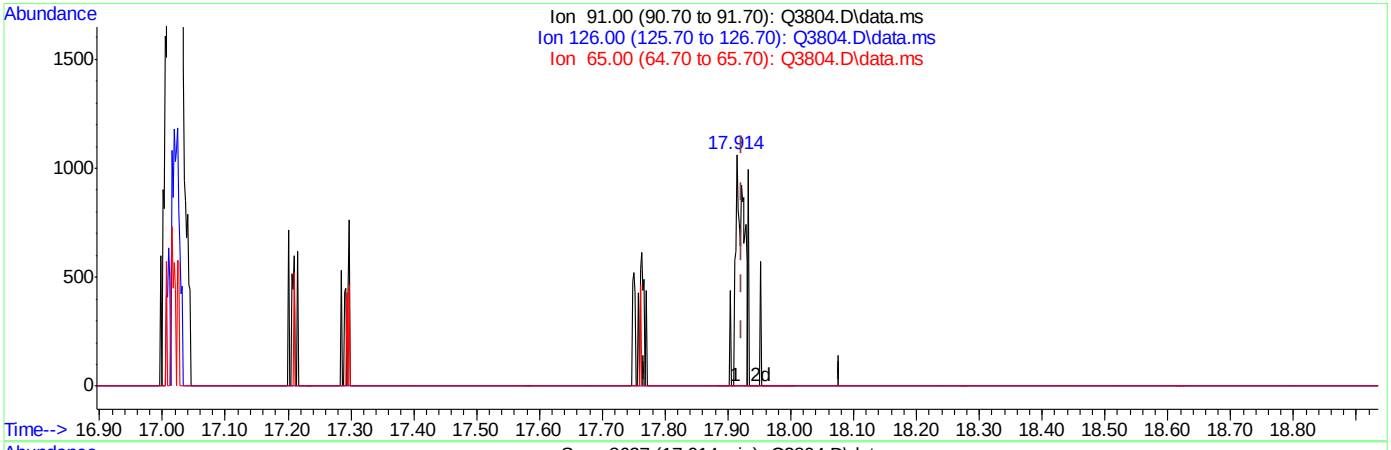
response 1117

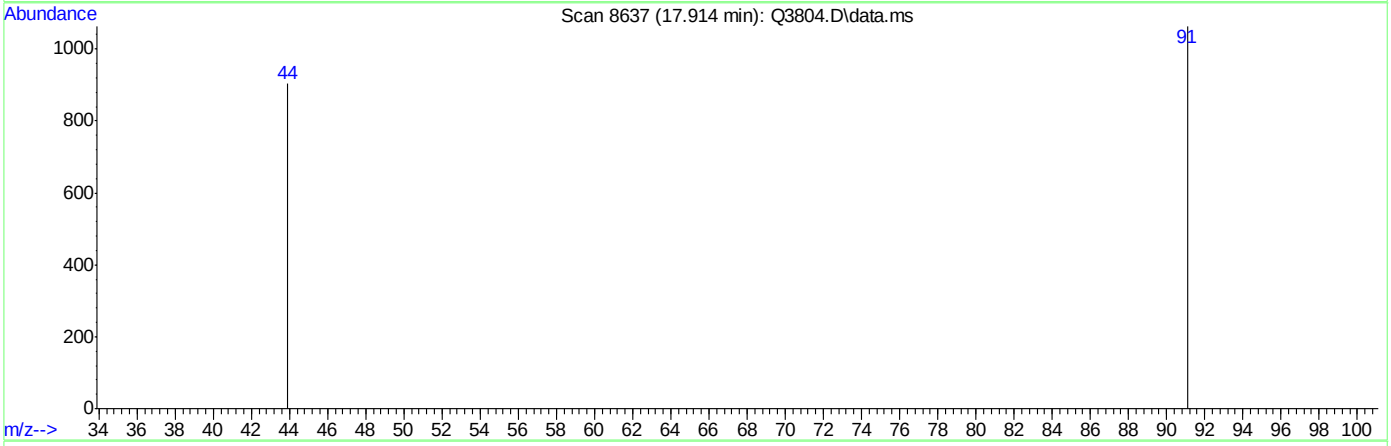
Ion	Exp%	Act%
91.00	100	100
126.00	19.00	0.00
65.00	13.90	0.00
0.00	0.00	0.00

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

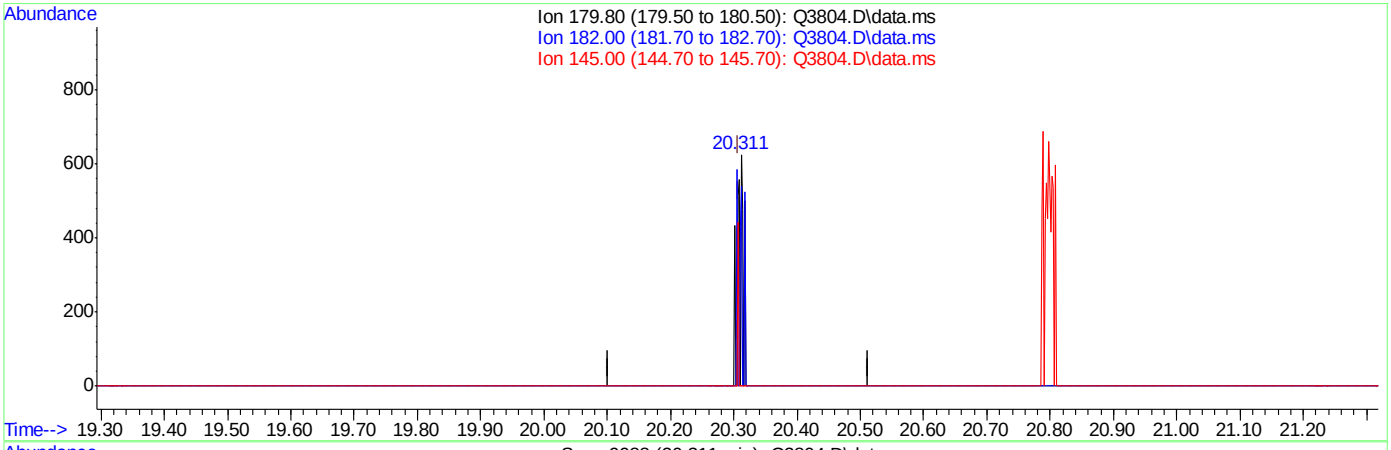
response 1178

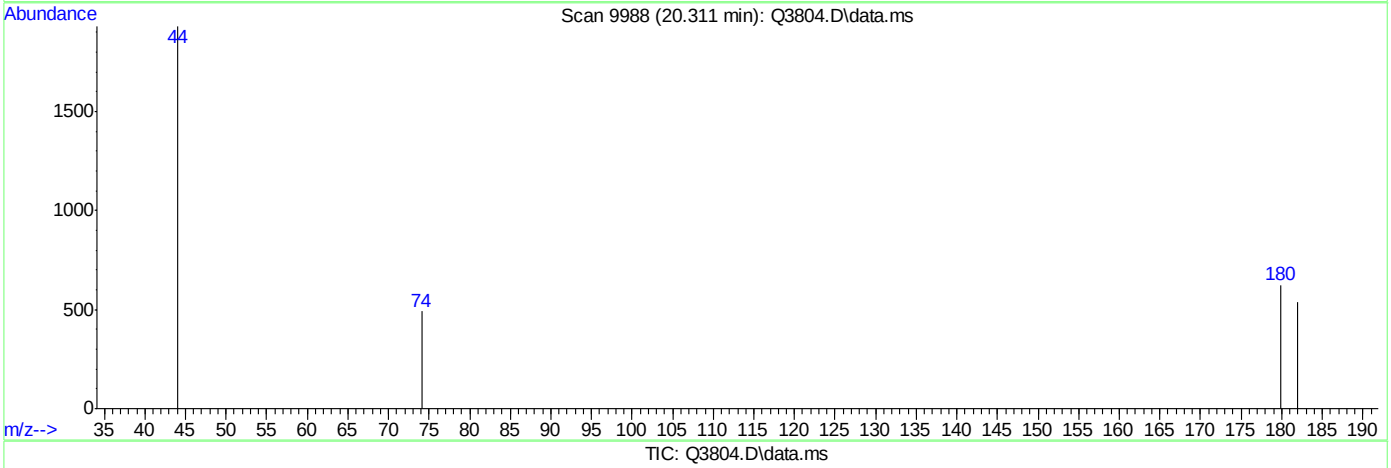
Ion	Exp%	Act%
91.00	100	100
126.00	19.00	0.00
65.00	13.90	0.00
0.00	0.00	0.00

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

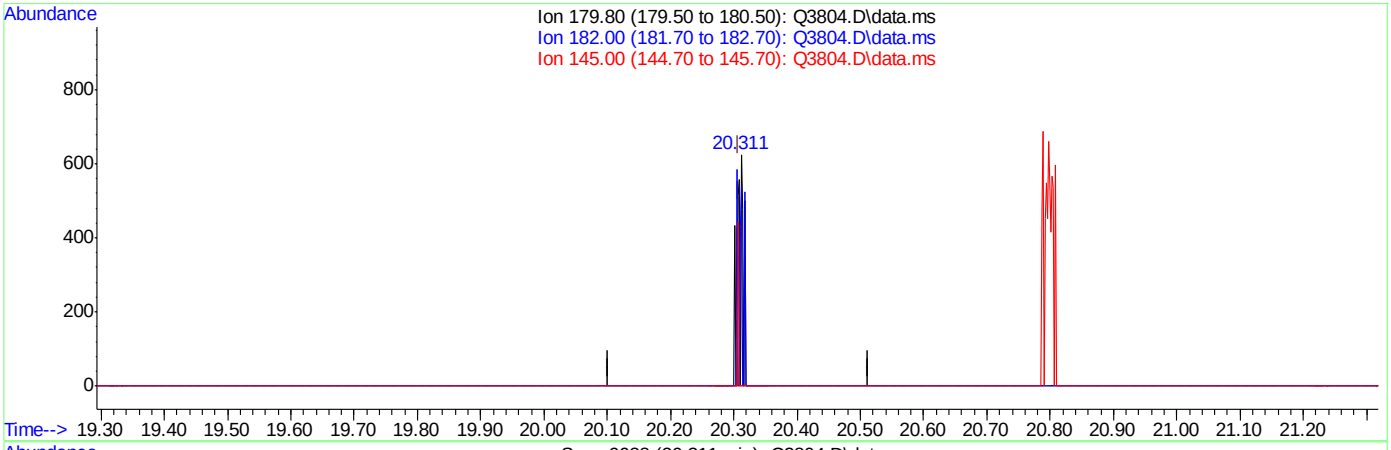
response 331

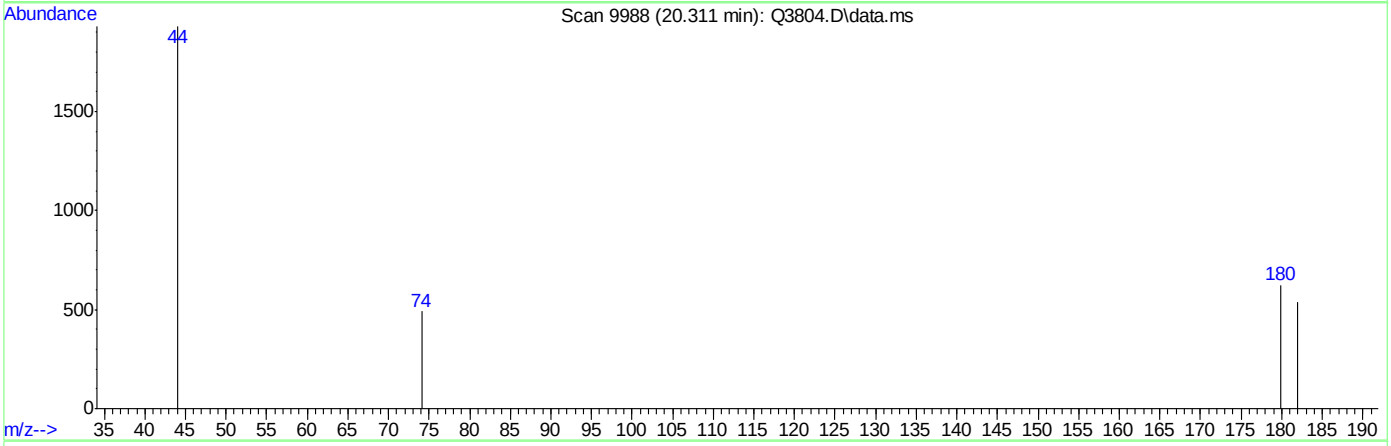
Ion	Exp%	Act%
179.80	100	100
182.00	95.40	66.77#
145.00	38.00	0.00#
0.00	0.00	0.00

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

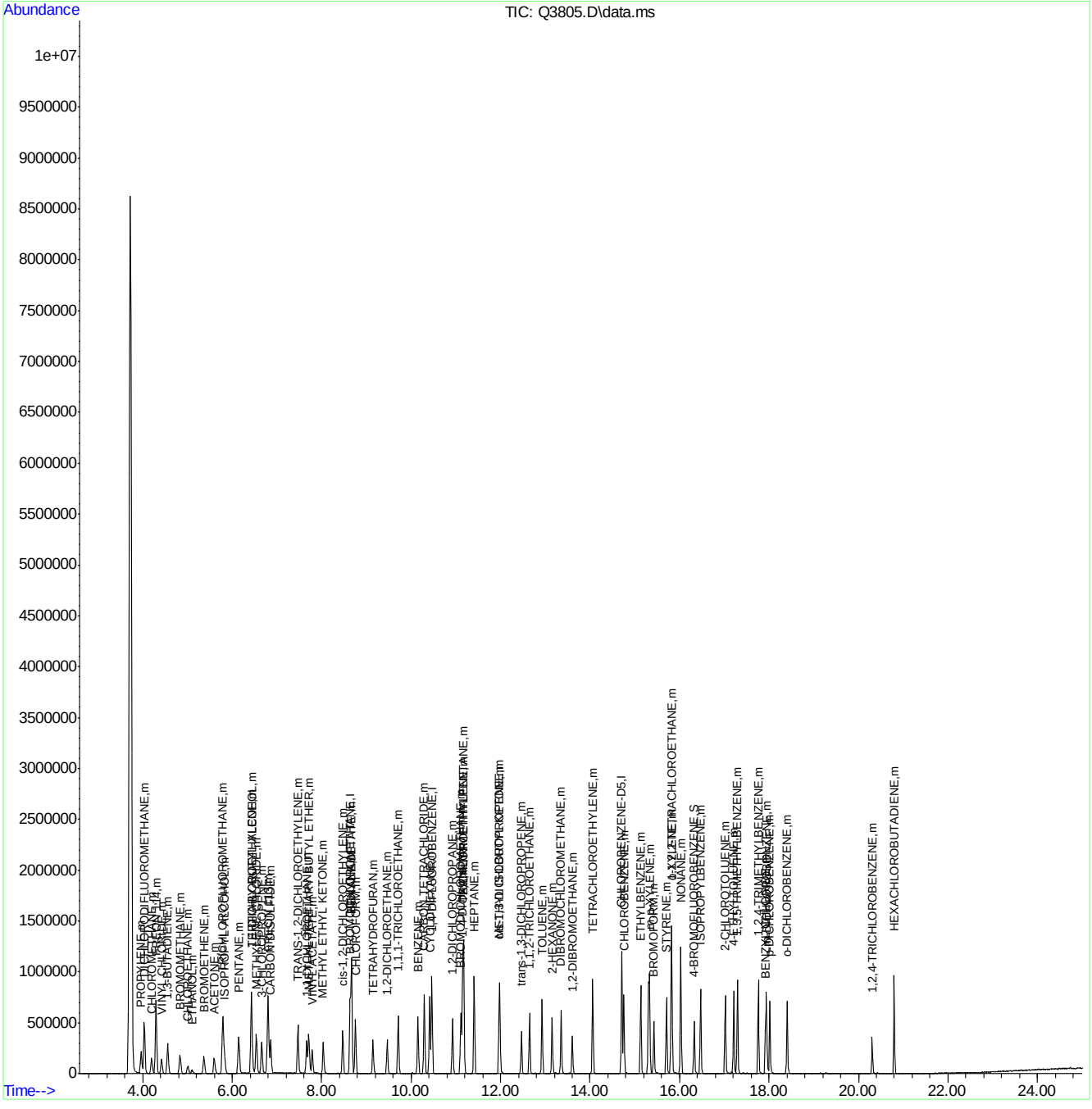
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.979	43	524962	11.29 PPBV	88
45) cis-1,3-DICHLOROPROPENE	11.965	75	218914	10.05 PPBV #	82
46) TOLUENE	12.927	92	242091	9.00 PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.463	75	172780	8.28 PPBV	85
48) 1,1,2-TRICHLOROETHANE	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

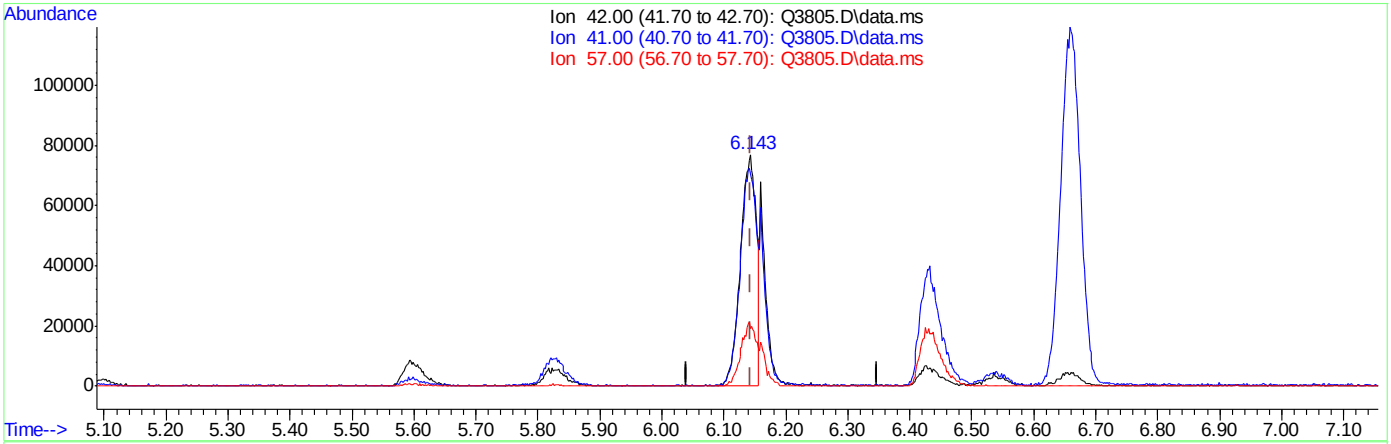
Quant Time: Jun 26 08:42:12 2007
Quant Method : C:\msdchem\1\METHODS\Q062507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 26 08:41:33 2007
Response via : Initial Calibration

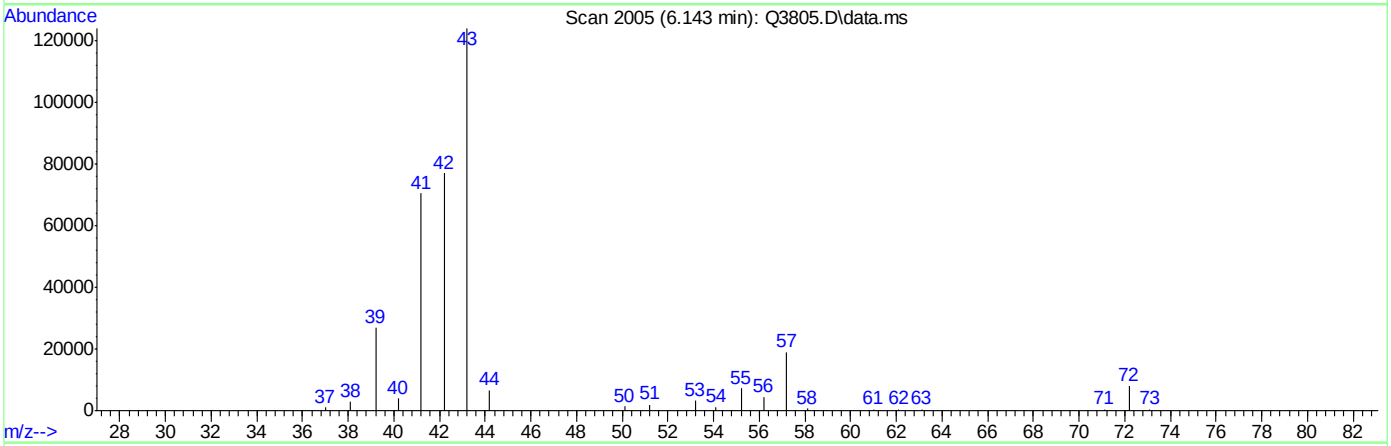


Quantitation Report (Qedit)

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

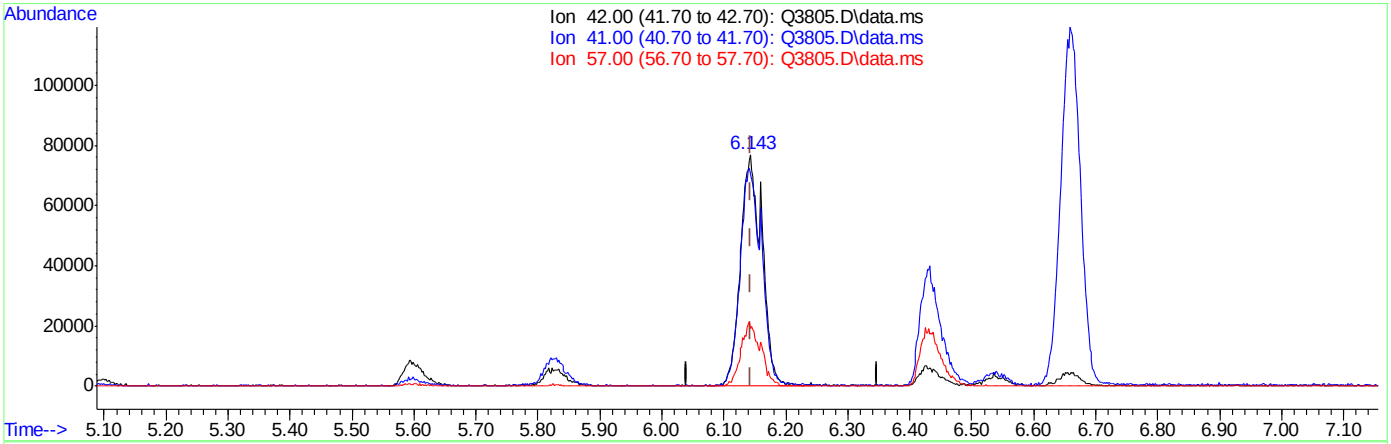
response 137035

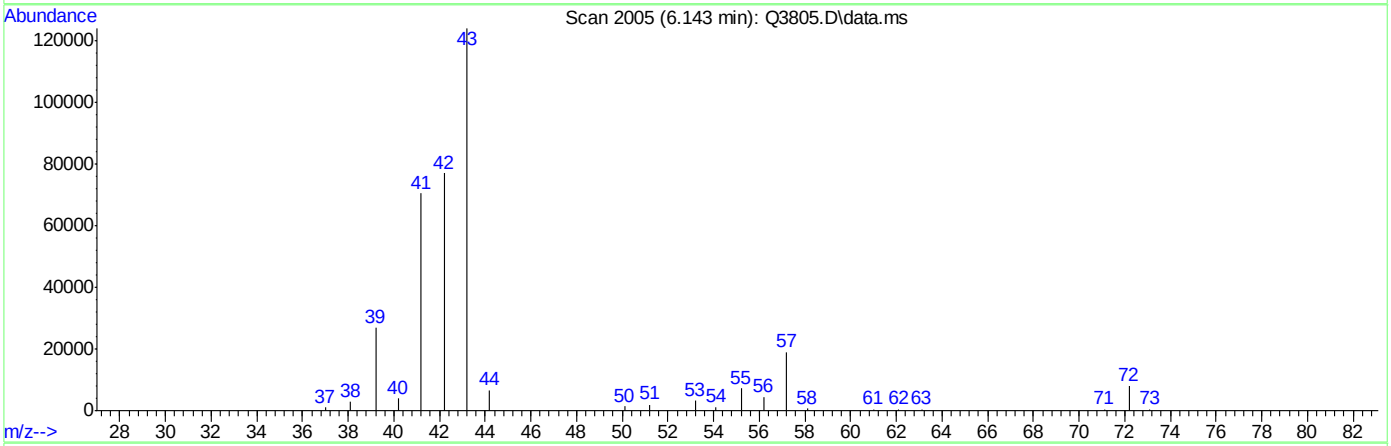
Ion	Exp%	Act%
42.00	100	100
41.00	94.80	127.74#
57.00	28.90	34.36
0.00	0.00	0.00

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

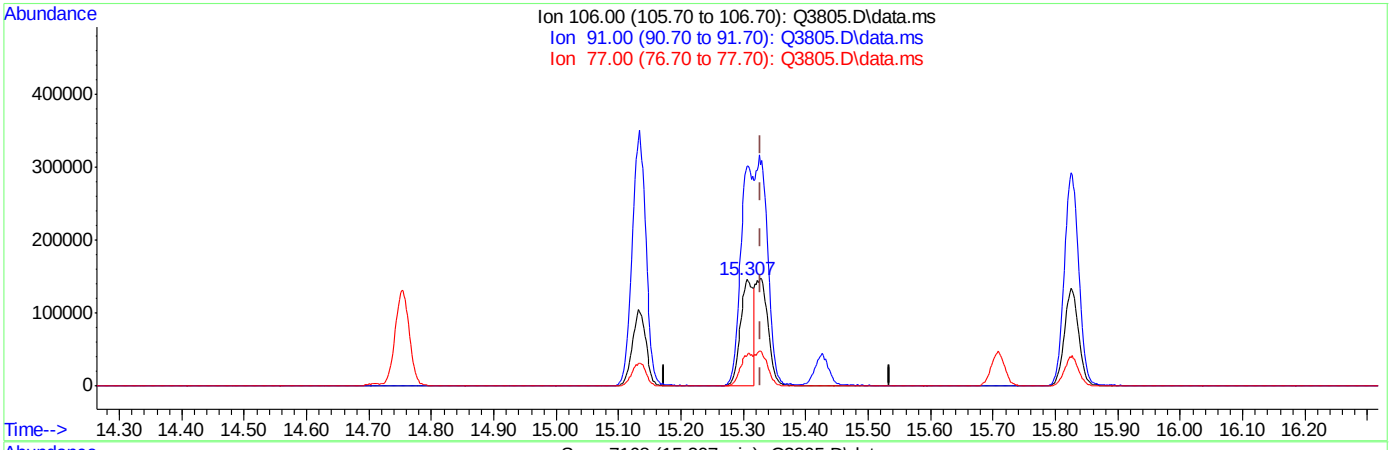
response 185802

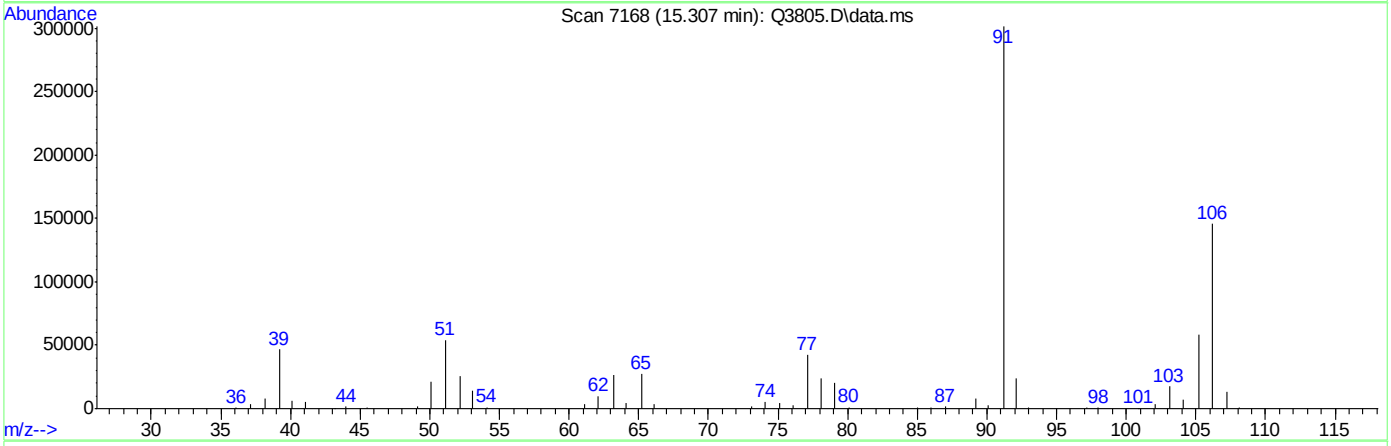
Ion	Exp%	Act%
42.00	100	100
41.00	94.80	94.21
57.00	28.90	25.34
0.00	0.00	0.00

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





TIC: Q3805.D\data.ms

(56) m,p-XYLENE (m)

15.307min (-0.022) 10.03PPBV

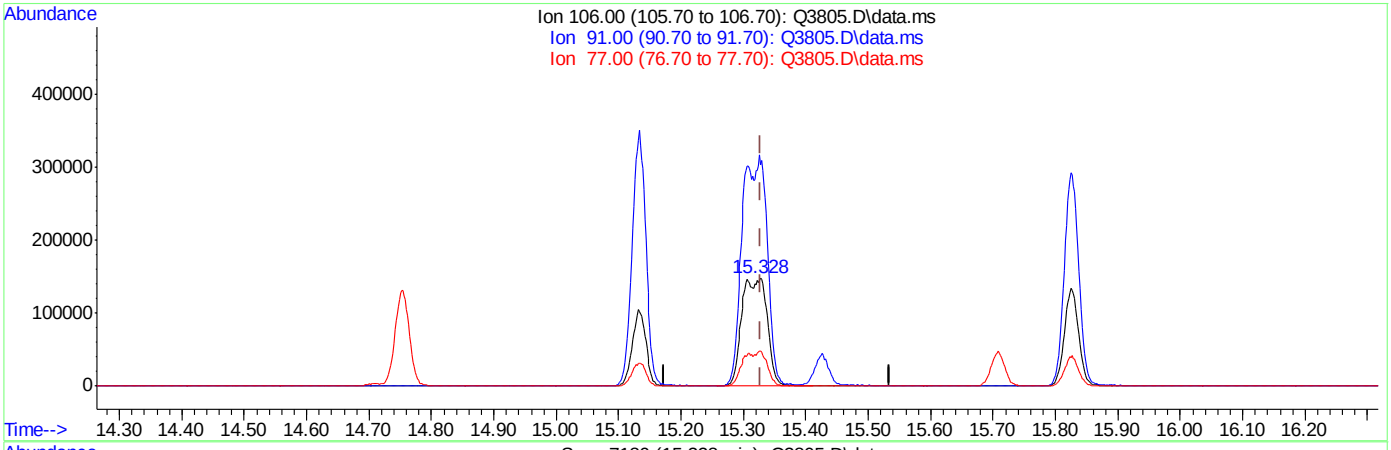
response 214724

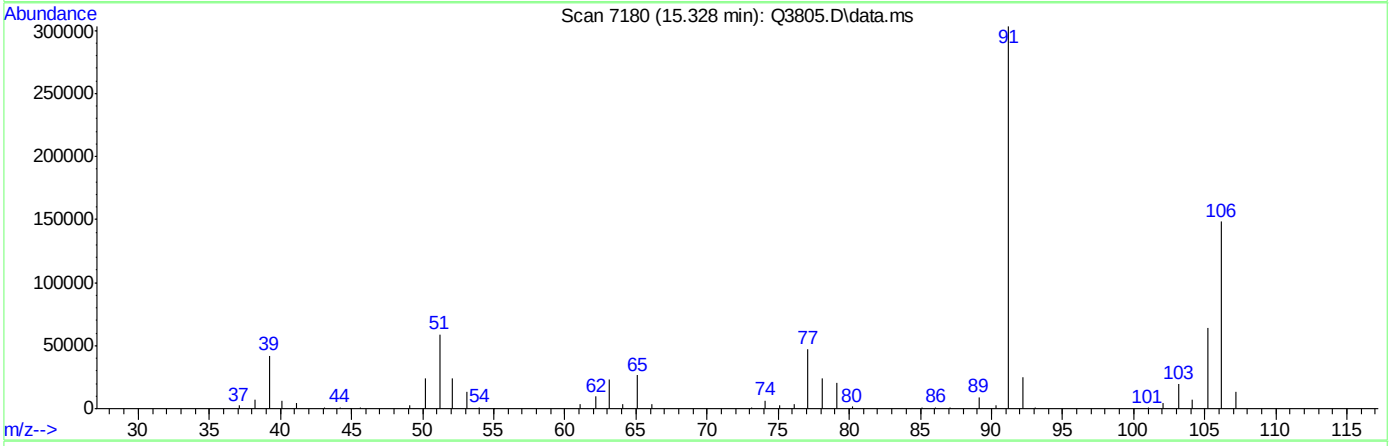
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	206.76
77.00	27.30	29.10
0.00	0.00	0.00

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 : Q3907.D
Acq On : 5 Jul 2007 1:07 pm
Operator : PhilipB
Sample : IC210-40 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:12:59 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:12:46 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	99860	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.465	114	406621	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.710	117	373200	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.331	95	212217	5.00	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 100.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.033	85	3464611	40.00	PPBV	98
3) PROPYLENE	3.960	41	327203	40.00	PPBV #	79
4) FREON 114	4.296	85	3711248	40.00	PPBV	90
5) CHLOROMETHANE	4.197	50	628354	40.00	PPBV	100
6) VINYL CHLORIDE	4.418	62	914289	40.00	PPBV	97
7) 1,3-BUTADIENE	4.559	39	823468	40.00	PPBV #	67
8) BROMOMETHANE	4.830	94	1056810	40.00	PPBV	98
9) CHLOROETHANE	5.006	64	410443	40.00	PPBV	96
10) TRICHLOROFLUOROMETHANE	5.787	101	4464287	40.00	PPBV	97
11) ISOPROPYL ALCOHOL	5.824	45	1347625	40.00	PPBV	90
12) ACETONE	5.591	43	1346945	40.00	PPBV	88
13) PENTANE	6.140	42	939245	40.00	PPBV	91
14) 1,1-DICHLOROETHYLENE	6.426	96	1113702	40.00	PPBV #	87
15) CARBON DISULFIDE	6.862	76	3380185	40.00	PPBV	99
16) ETHANOL	5.095	45	204907	40.00	PPBV	96
17) BROMOETHENE	5.368	106	1008001	40.00	PPBV #	94
18) METHYLENE CHLORIDE	6.537	84	938486	40.00	PPBV	84
19) 3-CHLOROPROPENE	6.660	39	1079319	40.00	PPBV #	84
20) FREON 113	6.798	151	2201237	40.00	PPBV	98
21) TRANS-1,2-DICHLOROETHY...	7.467	96	1076849	40.00	PPBV #	84
22) TERTIARY BUTYL ALCOHOL	6.429	59	1835809	40.00	PPBV	83
23) METHYL TERTIARY BUTYL ...	7.707	73	2186824	40.00	PPBV	92
24) TETRAHYDROFURAN	9.137	42	386327	40.00	PPBV	72
25) HEXANE	8.667	57	1042474	40.00	PPBV #	79
26) VINYL ACETATE	7.789	43	1822140	40.00	PPBV	96
27) 1,1-DICHLOROETHANE	7.663	63	2027110	40.00	PPBV	94
28) METHYL ETHYL KETONE	8.030	43	1095809	40.00	PPBV	93
29) cis-1,2-DICHLOROETHYLENE	8.474	96	588037	40.00	PPBV	97
30) ETHYL ACETATE	8.667	43	2443252	40.00	PPBV	100
31) CHLOROFORM	8.759	83	2091541	40.00	PPBV	97
32) 1,1,1-TRICHLOROETHANE	9.711	97	2310901	40.00	PPBV	97
33) CARBON TETRACHLORIDE	10.293	117	2842894	40.00	PPBV	95
34) 1,2-DICHLOROETHANE	9.466	62	1223363	40.00	PPBV	99
36) BENZENE	10.153	78	1694527	40.00	PPBV	89
37) CYCLOHEXANE	10.417	84	731510	40.00	PPBV #	66
38) TRICHLOROETHYLENE	11.150	95	1492644	40.00	PPBV	93
39) 1,2-DICHLOROPROPANE	10.926	63	583446	40.00	PPBV #	72
40) BROMODICHLOROMETHANE	11.109	83	2273207	40.00	PPBV	96
41) 2,2,4-TRIMETHYLPENTANE	11.175	57	3765868	40.00	PPBV #	96
42) 1,4-DIOXANE	11.138	88	415262	40.00	PPBV	89
43) HEPTANE	11.411	43	1267585	40.00	PPBV	86

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3907.D
Acq On : 5 Jul 2007 1:07 pm
Operator : PhilipB
Sample : IC210-40 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:12:59 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:12:46 2007
Response via : Initial Calibration

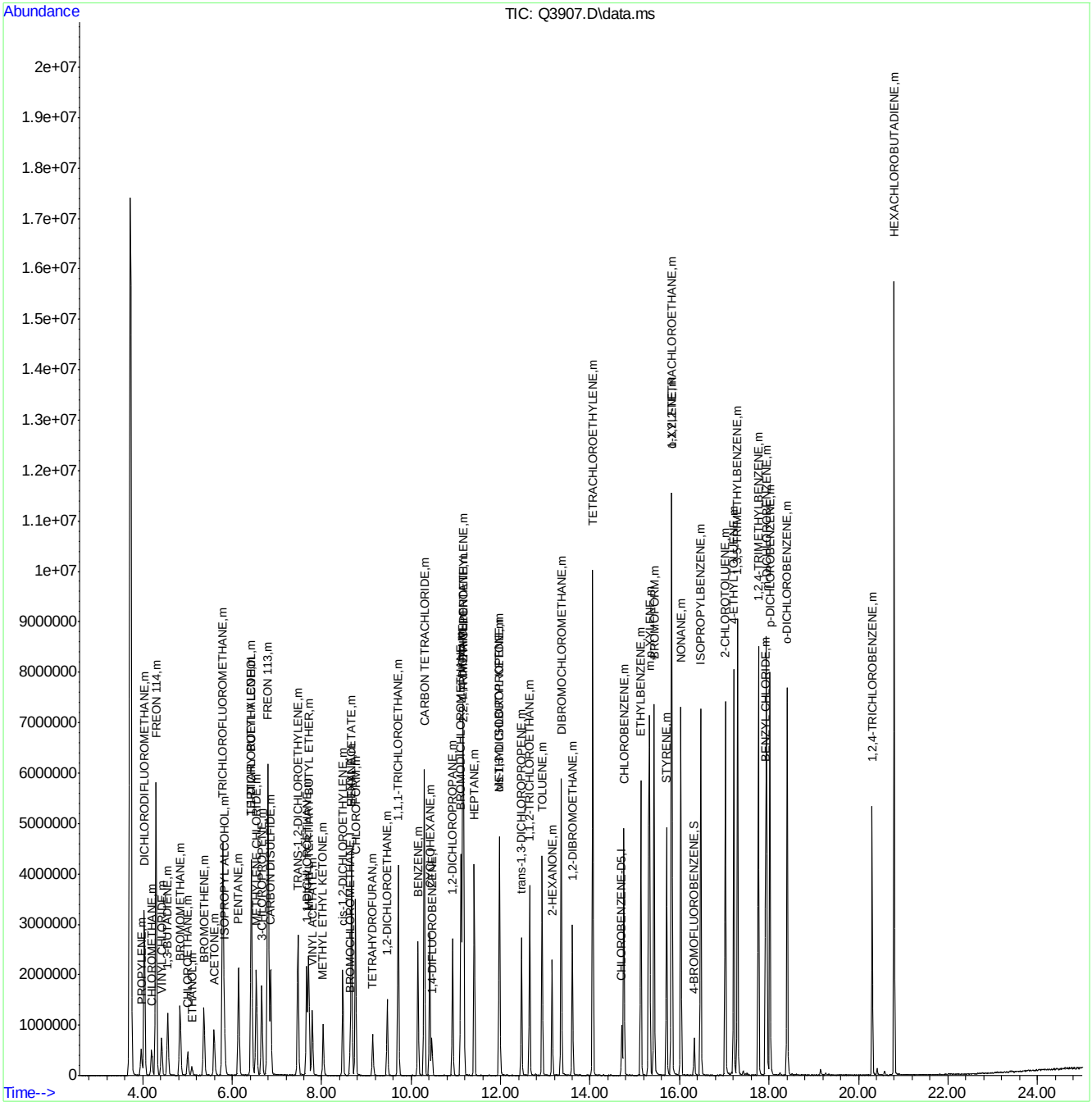
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.979	43	1614633	40.00	PPBV		90
45) cis-1,3-DICHLOROPROPENE	11.965	75	1273491	40.00	PPBV		91
46) TOLUENE	12.927	92	1350727	40.00	PPBV		99
47) trans-1,3-DICHLOROPROPENE	12.465	75	1092044	40.00	PPBV		95
48) 1,1,2-TRICHLOROETHANE	12.652	83	728717	40.00	PPBV		96
50) 2-HEXANONE	13.150	43	1286389	40.00	PPBV		88
51) TETRACHLOROETHYLENE	14.062	164	1391421	40.00	PPBV		96
52) DIBROMOCHLOROMETHANE	13.356	129	2279352	40.00	PPBV		99
53) 1,2-DIBROMOETHANE	13.606	107	1369029	40.00	PPBV		97
54) CHLOROBENZENE	14.753	112	1717249	40.00	PPBV		88
55) ETHYLBENZENE	15.136	91	3236915	40.00	PPBV		93
56) m,p-XYLENE	15.333	106	2524312	80.00	PPBV	#	81
57) o-XYLENE	15.827	106	1430884	40.00	PPBV	#	82
58) STYRENE	15.708	104	1709015	40.00	PPBV		92
59) NONANE	16.031	43	2311778	40.00	PPBV		95
60) BROMOFORM	15.427	173	2536427	40.00	PPBV		100
62) 1,1,2,2-TETRACHLOROETHANE	15.820	83	2660276	40.00	PPBV		96
63) ISOPROPYLBENZENE	16.473	105	3916381	40.00	PPBV	#	100
64) 2-CHLOROTOLUENE	17.021	91	3373193	40.00	PPBV		93
65) 4-ETHYLTOLUENE	17.211	105	3995295	40.00	PPBV		95
66) 1,3,5-TRIMETHYLBENZENE	17.298	105	3867930	40.00	PPBV		92
67) 1,2,4-TRIMETHYLBENZENE	17.763	105	3689819	40.00	PPBV		94
68) m-DICHLOROBENZENE	17.944	146	2425865	40.00	PPBV		98
69) BENZYL CHLORIDE	17.923	91	2706831	40.00	PPBV		95
70) p-DICHLOROBENZENE	18.020	146	2221846	40.00	PPBV		98
71) o-DICHLOROBENZENE	18.405	146	2016237	40.00	PPBV		98
72) HEXACHLOROBUTADIENE	20.798	225	1908224	40.00	PPBV		100
73) 1,2,4-TRICHLOROBENZENE	20.306	180	997056	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 : Q3907.D
Acq On : 5 Jul 2007 1:07 pm
Operator : PhilipB
Sample : IC210-40 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:12:59 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:12:46 2007
Response via : Initial Calibration



ACCUTEST Laboratories M66023

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
07/11/07 12:09

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3908.D
Acq On : 5 Jul 2007 1:51 pm
Operator : PhilipB
Sample : IC210-20 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:14:26 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:14:07 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	92534	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.461	114	435167	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.710	117	371736	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.323	95	202101	5.00	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 100.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.035	85	2222973	20.00	PPBV	97
3) PROPYLENE	3.960	41	300237	20.00	PPBV	91
4) FREON 114	4.296	85	1906563	20.00	PPBV	93
5) CHLOROMETHANE	4.203	50	424761	20.00	PPBV	97
6) VINYL CHLORIDE	4.416	62	513117	20.00	PPBV	98
7) 1,3-BUTADIENE	4.560	39	472340	20.00	PPBV #	67
8) BROMOMETHANE	4.832	94	582763	20.00	PPBV	98
9) CHLOROETHANE	5.002	64	221959	20.00	PPBV	88
10) TRICHLOROFLUOROMETHANE	5.790	101	2065670	20.00	PPBV	97
11) ISOPROPYL ALCOHOL	5.824	45	652725	20.00	PPBV	93
12) ACETONE	5.593	43	738277	20.00	PPBV	88
13) PENTANE	6.141	42	459279	20.00	PPBV	90
14) 1,1-DICHLOROETHYLENE	6.422	96	507141	20.00	PPBV	98
15) CARBON DISULFIDE	6.857	76	1337988	20.00	PPBV	95
16) ETHANOL	5.096	45	128555	20.00	PPBV	97
17) BROMOETHENE	5.368	106	547907	20.00	PPBV #	95
18) METHYLENE CHLORIDE	6.539	84	416363	20.00	PPBV	87
19) 3-CHLOROPROPENE	6.660	39	467121	20.00	PPBV #	78
20) FREON 113	6.800	151	815906	20.00	PPBV	86
21) TRANS-1,2-DICHLOROETHY...	7.467	96	419830	20.00	PPBV	96
22) TERTIARY BUTYL ALCOHOL	6.424	59	987038	20.00	PPBV	84
23) METHYL TERTIARY BUTYL ...	7.710	73	1013418	20.00	PPBV	90
24) TETRAHYDROFURAN	9.135	42	185304	20.00	PPBV	82
25) HEXANE	8.669	57	293839	20.00	PPBV #	73
26) VINYL ACETATE	7.788	43	755626	20.00	PPBV	96
27) 1,1-DICHLOROETHANE	7.666	63	893369	20.00	PPBV	94
28) METHYL ETHYL KETONE	8.030	43	409266	20.00	PPBV	98
29) cis-1,2-DICHLOROETHYLENE	8.468	96	199270	20.00	PPBV	95
30) ETHYL ACETATE	8.667	43	696814	20.00	PPBV	99
31) CHLOROFORM	8.756	83	676992	20.00	PPBV	98
32) 1,1,1-TRICHLOROETHANE	9.709	97	726663	20.00	PPBV	99
33) CARBON TETRACHLORIDE	10.293	117	877508	20.00	PPBV	94
34) 1,2-DICHLOROETHANE	9.466	62	434744	20.00	PPBV	100
36) BENZENE	10.147	78	550231	20.00	PPBV	91
37) CYCLOHEXANE	10.415	84	226810	20.00	PPBV #	70
38) TRICHLOROETHYLENE	11.148	95	339960	20.00	PPBV	84
39) 1,2-DICHLOROPROPANE	10.924	63	200740	20.00	PPBV	79
40) BROMODICHLOROMETHANE	11.109	83	661236	20.00	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.173	57	961857	20.00	PPBV	98
42) 1,4-DIOXANE	11.132	88	108576	20.00	PPBV	91
43) HEPTANE	11.411	43	381468	20.00	PPBV	88

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3908.D
Acq On : 5 Jul 2007 1:51 pm
Operator : PhilipB
Sample : IC210-20 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:14:26 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:14:07 2007
Response via : Initial Calibration

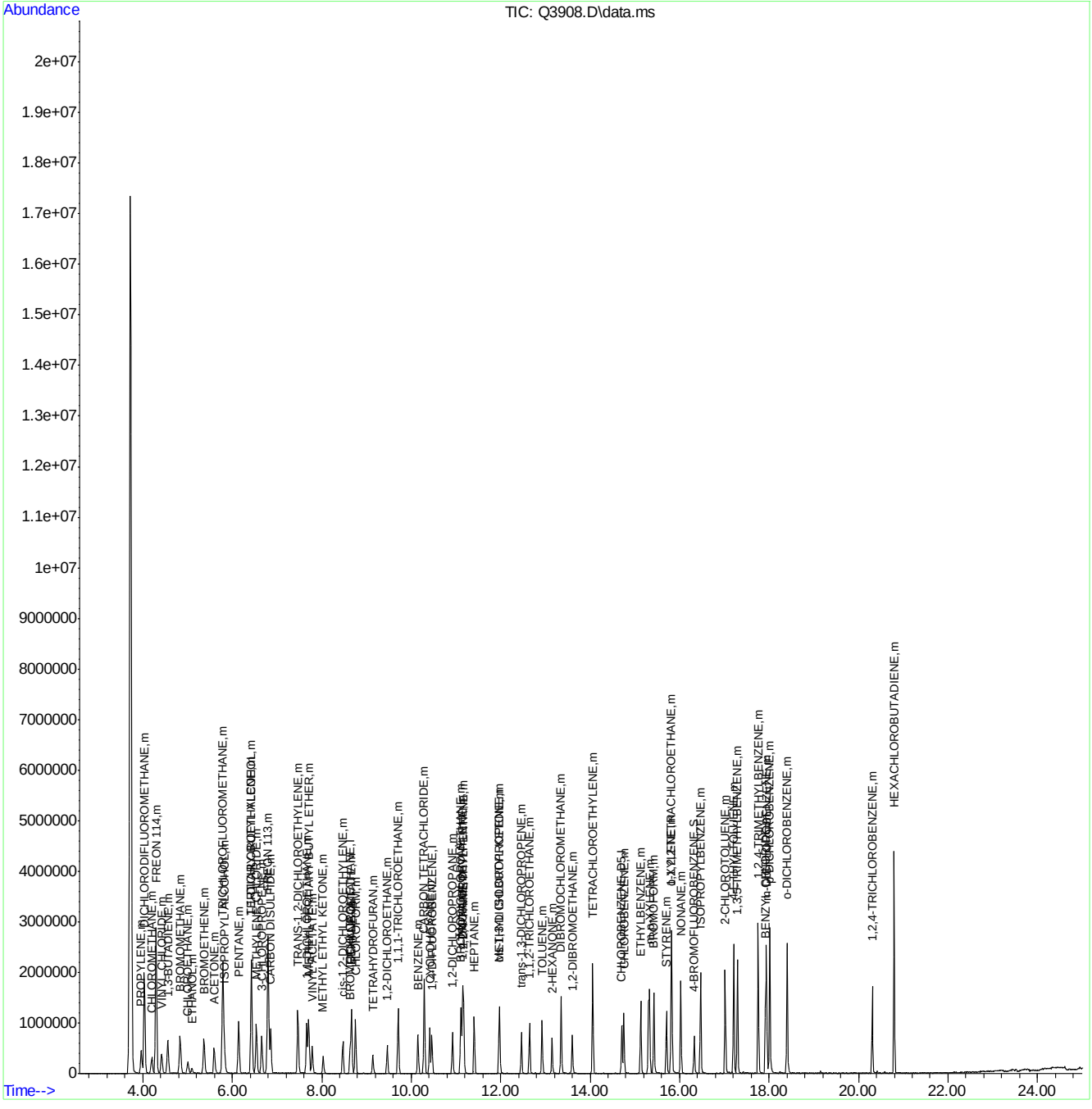
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.977	43	531788	20.00 PPBV	88
45) cis-1,3-DICHLOROPROPENE	11.964	75	348397	20.00 PPBV #	80
46) TOLUENE	12.925	92	347112	20.00 PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.463	75	330243	20.00 PPBV	93
48) 1,1,2-TRICHLOROETHANE	12.646	83	215242	20.00 PPBV	94
50) 2-HEXANONE	13.148	43	464704	20.00 PPBV	85
51) TETRACHLOROETHYLENE	14.062	164	251993	20.00 PPBV	92
52) DIBROMOCHLOROMETHANE	13.352	129	559594	20.00 PPBV	99
53) 1,2-DIBROMOETHANE	13.601	107	369852	20.00 PPBV	96
54) CHLOROBENZENE	14.754	112	460481	20.00 PPBV	86
55) ETHYLBENZENE	15.131	91	855467	20.00 PPBV	94
56) m,p-XYLENE	15.328	106	624918m	40.00 PPBV	
57) o-XYLENE	15.826	106	333009	20.00 PPBV #	73
58) STYRENE	15.707	104	449969	20.00 PPBV	90
59) NONANE	16.027	43	627450	20.00 PPBV	97
60) BROMOFORM	15.429	173	521995	20.00 PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.814	83	682467	20.00 PPBV	97
63) ISOPROPYLBENZENE	16.472	105	1098618	20.00 PPBV #	100
64) 2-CHLOROTOLUENE	17.019	91	936845	20.00 PPBV	91
65) 4-ETHYLTOLUENE	17.211	105	1391246	20.00 PPBV	97
66) 1,3,5-TRIMETHYLBENZENE	17.296	105	1017717	20.00 PPBV	92
67) 1,2,4-TRIMETHYLBENZENE	17.756	105	1288801	20.00 PPBV	96
68) m-DICHLOROBENZENE	17.940	146	685667	20.00 PPBV	97
69) BENZYL CHLORIDE	17.922	91	860679	20.00 PPBV	95
70) p-DICHLOROBENZENE	18.016	146	877128	20.00 PPBV	97
71) o-DICHLOROBENZENE	18.402	146	795939	20.00 PPBV	98
72) HEXACHLOROBUTADIENE	20.797	225	445940	20.00 PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.308	180	321508	20.00 PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3908.D
Acq On : 5 Jul 2007 1:51 pm
Operator : PhilipB
Sample : IC210-20 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

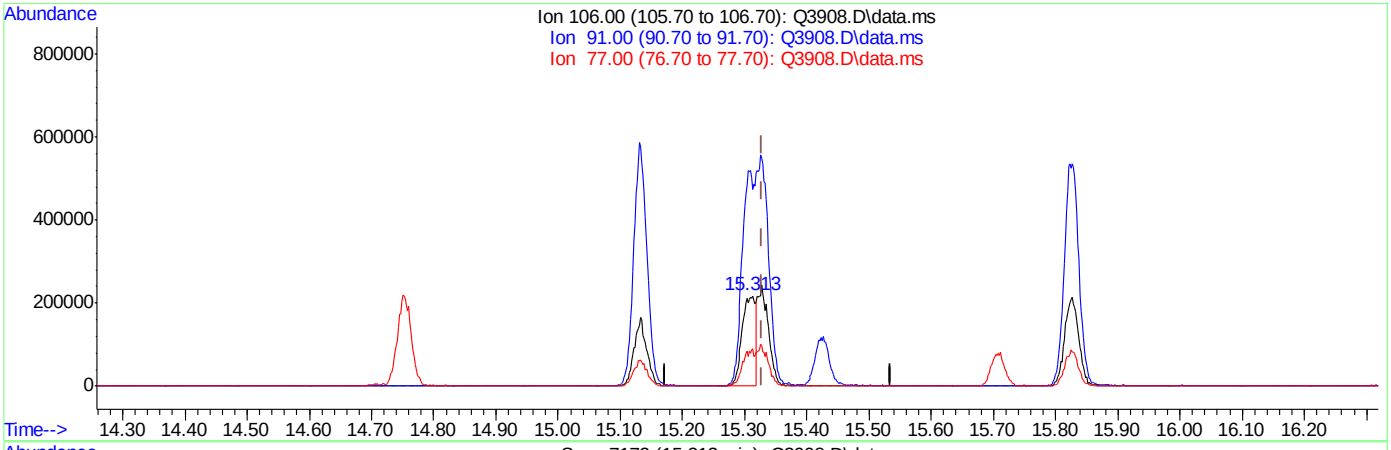
Quant Time: Jul 05 16:14:26 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:14:07 2007
Response via : Initial Calibration

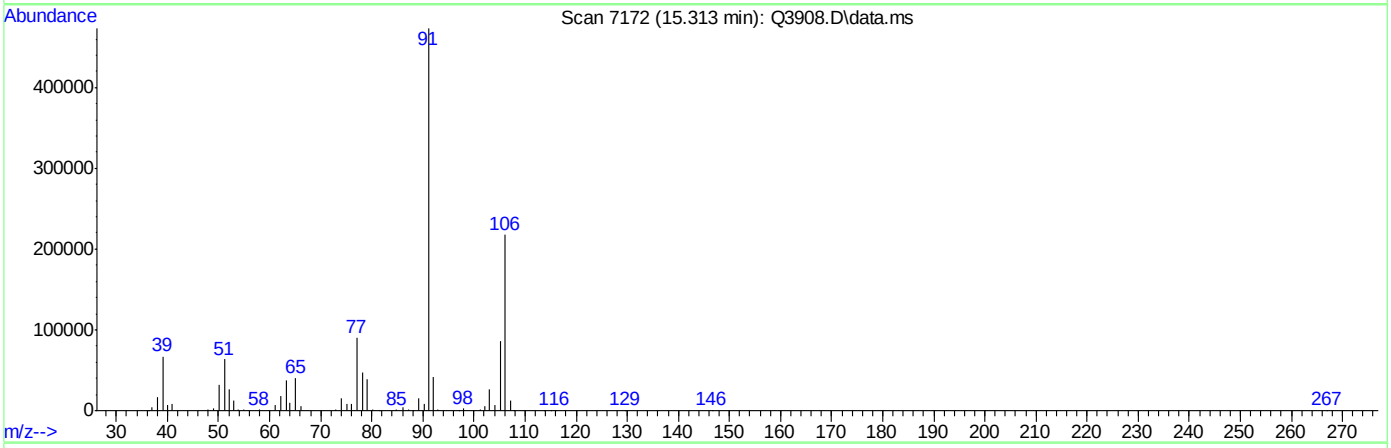


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3908.D
Acq On : 5 Jul 2007 1:51 pm
Operator : PhilipB
Sample : IC210-20 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:14:10 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:14:07 2007
Response via : Initial Calibration





TIC: Q3908.D\data.ms

(56) m,p-XYLENE (m)

15.313min (-0.016) 21.13PPBV

response 330043

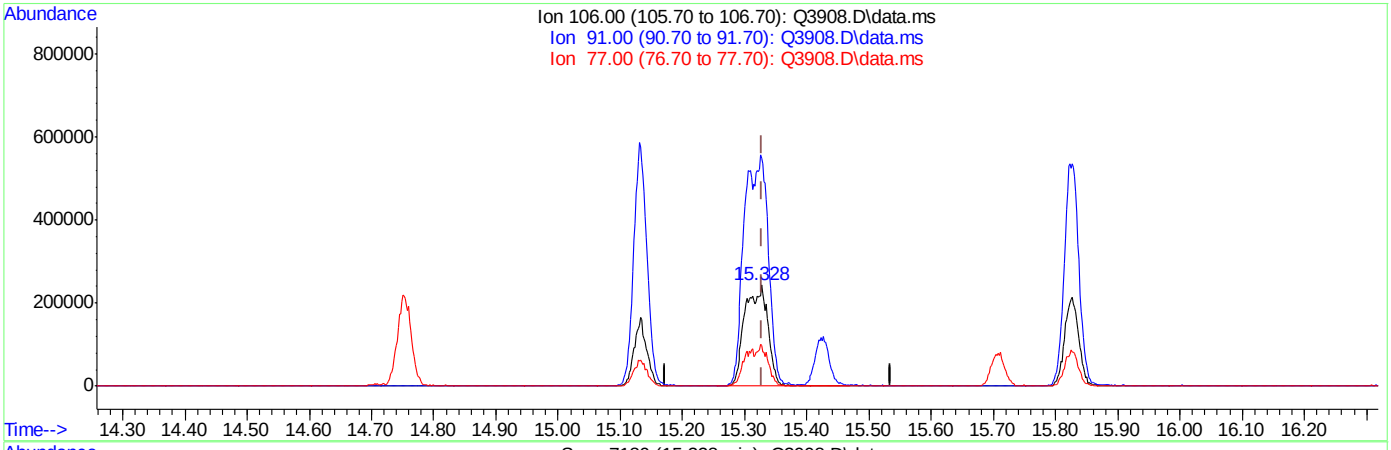
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	217.47
77.00	27.30	41.35#
0.00	0.00	0.00

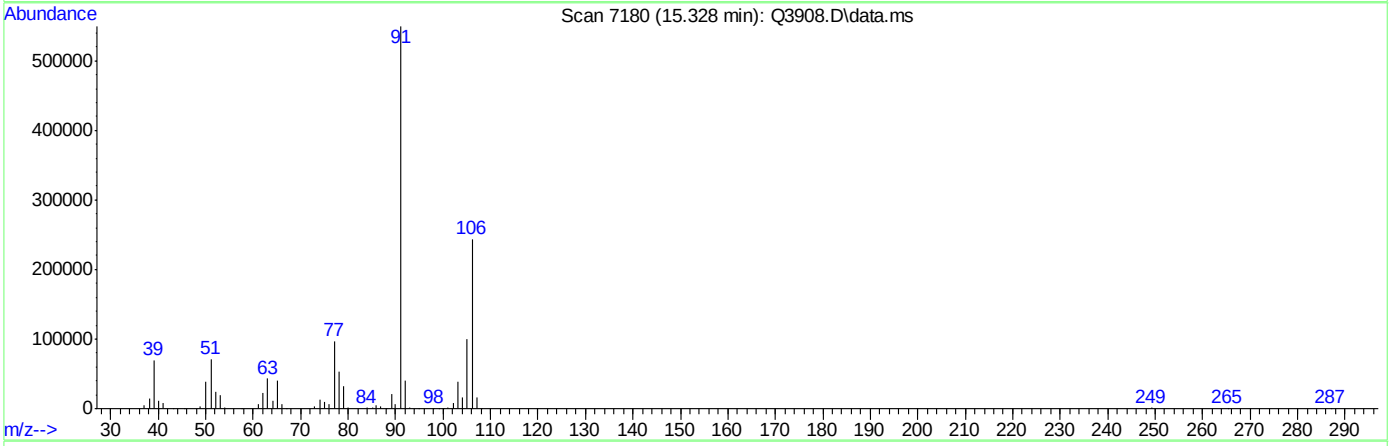
ACCUTEST Laboratories M66023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3908.D
Acq On : 5 Jul 2007 1:51 pm
Operator : PhilipB
Sample : IC210-20 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:14:10 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:14:07 2007
Response via : Initial Calibration





TIC: Q3908.D\data.ms

(56) m,p-XYLENE (m)

15.328min (-0.001) 40.00PPBV m

response 624918

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	225.78
77.00	27.30	39.85#
0.00	0.00	0.00

ACCUTEST Laboratories M66023

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 07/11/07 12:09

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3909.D
Acq On : 5 Jul 2007 2:35 pm
Operator : PhilipB
Sample : ICC210-10 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:16:12 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:15:52 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.637	128	94184	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.462	114	436970	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.705	117	357707	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.324	95	184548	5.00	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 100.00%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.035	85	1149989	10.00	PPBV		96
3) PROPYLENE	3.962	41	130327	10.00	PPBV		88
4) FREON 114	4.292	85	979232	10.00	PPBV		89
5) CHLOROMETHANE	4.207	50	201224	10.00	PPBV		88
6) VINYL CHLORIDE	4.418	62	246226	10.00	PPBV		99
7) 1,3-BUTADIENE	4.564	39	204553	10.00	PPBV	#	65
8) BROMOMETHANE	4.832	94	264193	10.00	PPBV		99
9) CHLOROETHANE	5.006	64	88219	10.00	PPBV		94
10) TRICHLOROFLUOROMETHANE	5.789	101	1261833	10.00	PPBV		96
11) ISOPROPYL ALCOHOL	5.822	45	325351	10.00	PPBV		79
12) ACETONE	5.595	43	311389	10.00	PPBV		86
13) PENTANE	6.142	42	250685	10.00	PPBV		91
14) 1,1-DICHLOROETHYLENE	6.422	96	298504	10.00	PPBV		92
15) CARBON DISULFIDE	6.855	76	924513	10.00	PPBV		97
16) ETHANOL	5.096	45	44854	10.00	PPBV		95
17) BROMOETHENE	5.371	106	262655	10.00	PPBV	#	92
18) METHYLENE CHLORIDE	6.537	84	233181	10.00	PPBV		82
19) 3-CHLOROPROPENE	6.660	39	239673	10.00	PPBV	#	84
20) FREON 113	6.800	151	543886	10.00	PPBV		97
21) TRANS-1,2-DICHLOROETHY...	7.469	96	270836	10.00	PPBV	#	88
22) TERTIARY BUTYL ALCOHOL	6.431	59	468673	10.00	PPBV		84
23) METHYL TERTIARY BUTYL ...	7.712	73	504885	10.00	PPBV		90
24) TETRAHYDROFURAN	9.141	42	95735	10.00	PPBV		73
25) HEXANE	8.673	57	166413	10.00	PPBV	#	73
26) VINYL ACETATE	7.785	43	395176	10.00	PPBV		94
27) 1,1-DICHLOROETHANE	7.664	63	464911	10.00	PPBV		95
28) METHYL ETHYL KETONE	8.032	43	222679	10.00	PPBV		84
29) cis-1,2-DICHLOROETHYLENE	8.470	96	109953	10.00	PPBV		98
30) ETHYL ACETATE	8.665	43	372611	10.00	PPBV		99
31) CHLOROFORM	8.752	83	402728	10.00	PPBV		99
32) 1,1,1-TRICHLOROETHANE	9.707	97	444501	10.00	PPBV		99
33) CARBON TETRACHLORIDE	10.289	117	576315	10.00	PPBV		94
34) 1,2-DICHLOROETHANE	9.468	62	264014	10.00	PPBV		96
36) BENZENE	10.149	78	296279	10.00	PPBV		90
37) CYCLOHEXANE	10.412	84	136458	10.00	PPBV	#	68
38) TRICHLOROETHYLENE	11.148	95	197184	10.00	PPBV		84
39) 1,2-DICHLOROPROPANE	10.925	63	109467	10.00	PPBV	#	70
40) BROMODICHLOROMETHANE	11.106	83	387694	10.00	PPBV		98
41) 2,2,4-TRIMETHYLPENTANE	11.170	57	511575	10.00	PPBV	#	96
42) 1,4-DIOXANE	11.138	88	61560	10.00	PPBV		88
43) HEPTANE	11.409	43	187118	10.00	PPBV		87

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3909.D
Acq On : 5 Jul 2007 2:35 pm
Operator : PhilipB
Sample : ICC210-10 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:16:12 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:15:52 2007
Response via : Initial Calibration

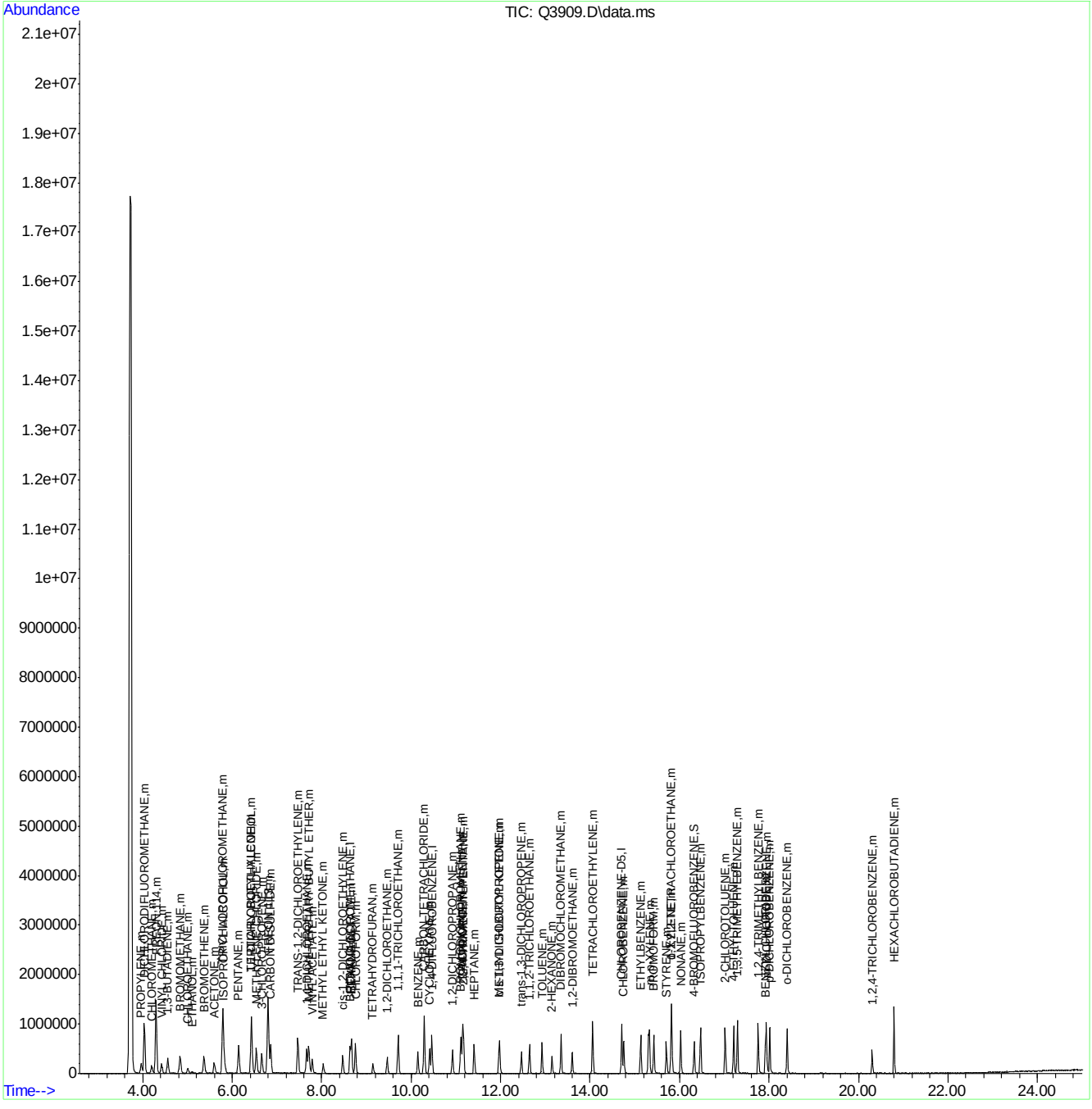
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.983	43	262956	10.00 PPBV	89
45) cis-1,3-DICHLOROPROPENE	11.967	75	192554	10.00 PPBV #	82
46) TOLUENE	12.923	92	188668	10.00 PPBV	95
47) trans-1,3-DICHLOROPROPENE	12.465	75	193632	10.00 PPBV	93
48) 1,1,2-TRICHLOROETHANE	12.644	83	122905	10.00 PPBV	93
50) 2-HEXANONE	13.147	43	225958	10.00 PPBV	86
51) TETRACHLOROETHYLENE	14.057	164	135279	10.00 PPBV	93
52) DIBROMOCHLOROMETHANE	13.353	129	304300	10.00 PPBV	99
53) 1,2-DIBROMOETHANE	13.599	107	204324	10.00 PPBV	96
54) CHLOROBENZENE	14.751	112	254813	10.00 PPBV	86
55) ETHYLBENZENE	15.131	91	463654	10.00 PPBV	90
56) m,p-XYLENE	15.326	106	319948m	20.00 PPBV	
57) o-XYLENE	15.823	106	171762	10.00 PPBV #	74
58) STYRENE	15.704	104	222052	10.00 PPBV	88
59) NONANE	16.025	43	276384	10.00 PPBV	94
60) BROMOFORM	15.424	173	266180	10.00 PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.811	83	336218	10.00 PPBV	98
63) ISOPROPYLBENZENE	16.469	105	518517	10.00 PPBV #	100
64) 2-CHLOROTOLUENE	17.019	91	428465	10.00 PPBV	89
65) 4-ETHYLTOLUENE	17.207	105	484267	10.00 PPBV	96
66) 1,3,5-TRIMETHYLBENZENE	17.291	105	473798	10.00 PPBV	89
67) 1,2,4-TRIMETHYLBENZENE	17.758	105	454714	10.00 PPBV	91
68) m-DICHLOROBENZENE	17.939	146	256113	10.00 PPBV	95
69) BENZYL CHLORIDE	17.917	91	316109	10.00 PPBV	94
70) p-DICHLOROBENZENE	18.017	146	253709	10.00 PPBV	92
71) o-DICHLOROBENZENE	18.400	146	234915	10.00 PPBV	95
72) HEXACHLOROBUTADIENE	20.800	225	115036	10.00 PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.306	180	76874	10.00 PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3909.D
Acq On : 5 Jul 2007 2:35 pm
Operator : PhilipB
Sample : ICC210-10 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

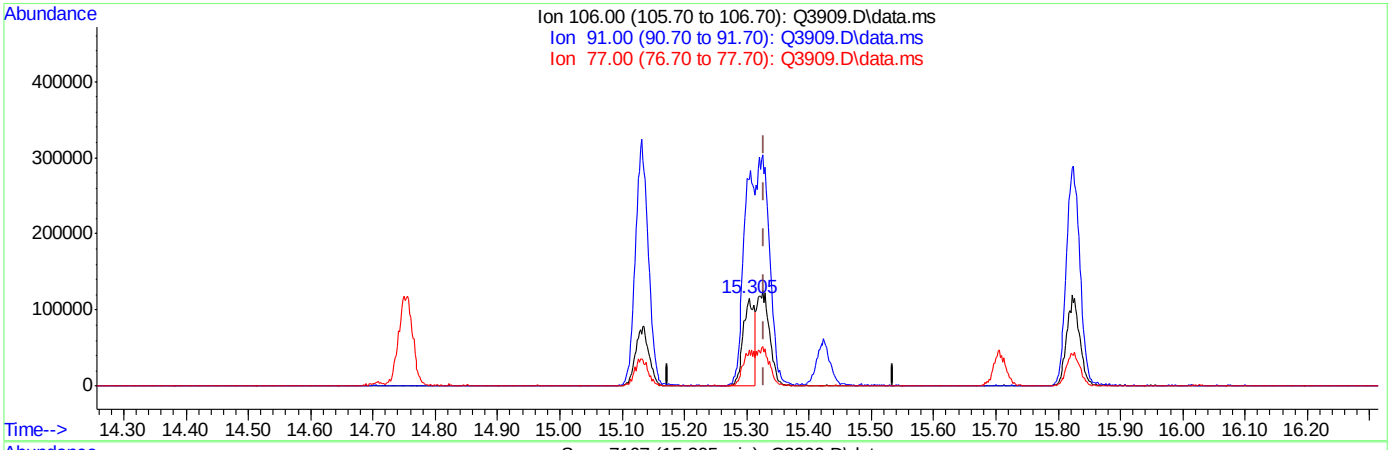
Quant Time: Jul 05 16:16:12 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:15:52 2007
Response via : Initial Calibration

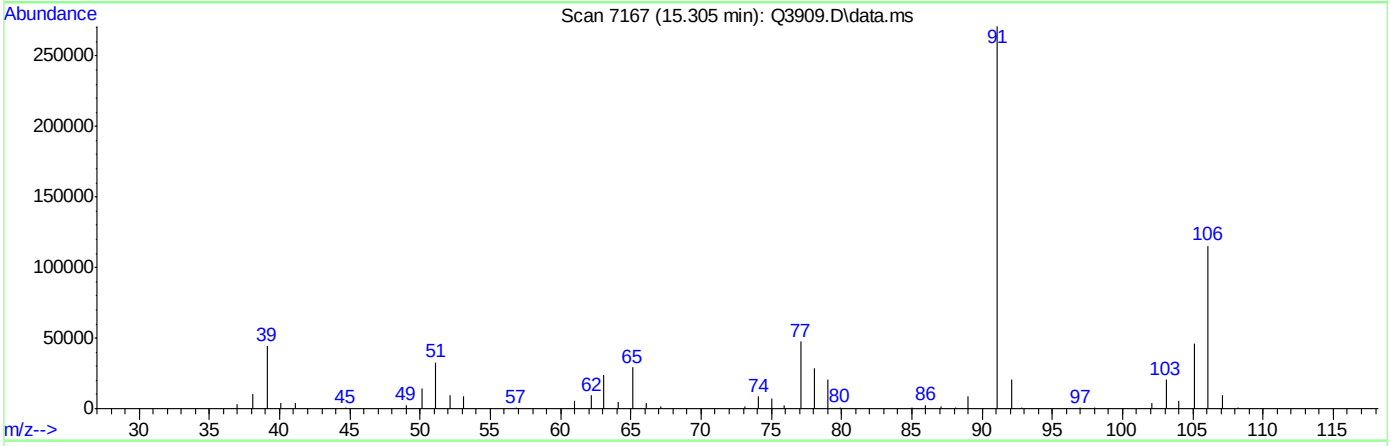


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3909.D
Acq On : 5 Jul 2007 2:35 pm
Operator : PhilipB
Sample : IC210-10 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:15:56 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:15:52 2007
Response via : Initial Calibration





TIC: Q3909.D\data.ms

(56) m,p-XYLENE (m)

15.305min (-0.024) 9.04PPBV

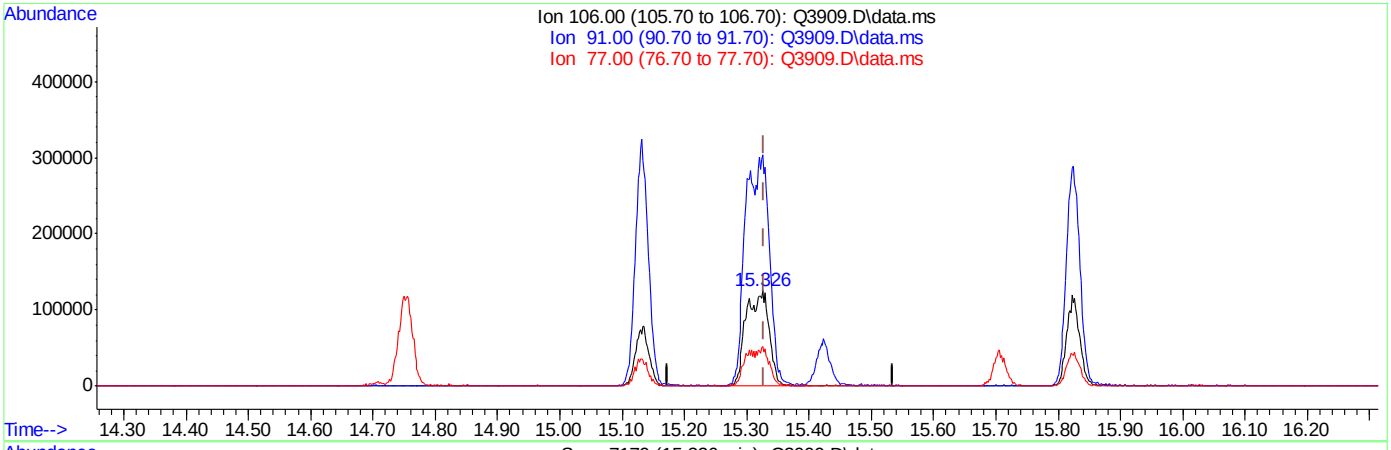
response 144645

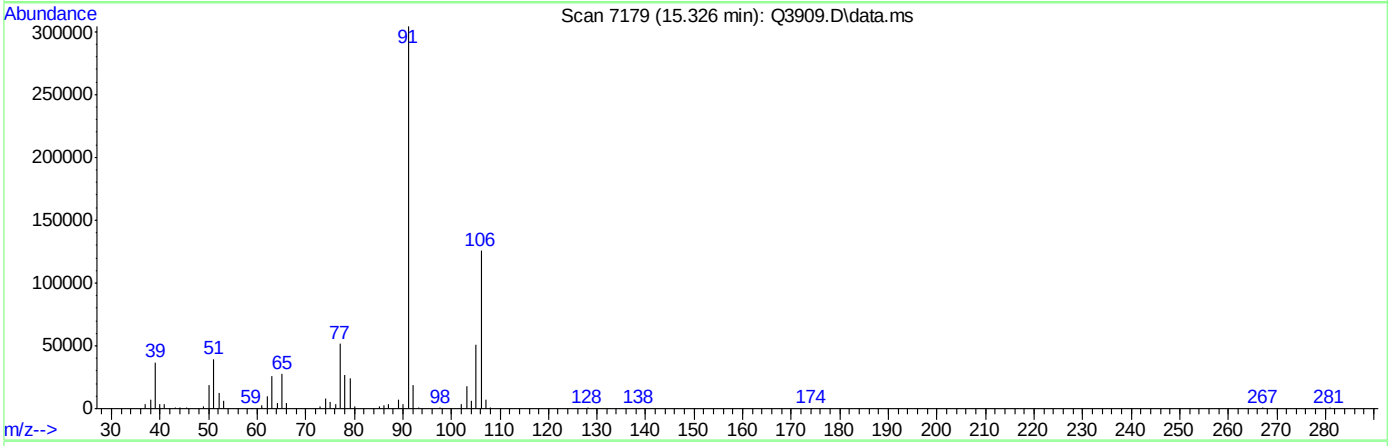
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	234.69
77.00	27.30	41.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3909.D
Acq On : 5 Jul 2007 2:35 pm
Operator : PhilipB
Sample : IC210-10 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:15:56 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:15:52 2007
Response via : Initial Calibration





TIC: Q3909.D\data.ms

(56) m,p-XYLENE (m)

15.326min (-0.003) 20.00PPBV m

response 319948

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	242.61#
77.00	27.30	41.26#
0.00	0.00	0.00

ACCUTEST Laboratories M66023

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
07/11/07 12:09

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3910.D
Acq On : 5 Jul 2007 3:17 pm
Operator : PhilipB
Sample : IC210-5 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:19:54 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:17:57 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.637	128	106527	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.463	114	482070	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.708	117	385555	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.325	95	191479	5.00	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 100.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.035	85	528438	5.00	PPBV	97
3) PROPYLENE	3.964	41	54949	5.00	PPBV	84
4) FREON 114	4.294	85	432996	5.00	PPBV	87
5) CHLOROMETHANE	4.193	50	79960m	5.00	PPBV	
6) VINYL CHLORIDE	4.416	62	109636	5.00	PPBV	98
7) 1,3-BUTADIENE	4.560	39	95715	5.00	PPBV #	62
8) BROMOMETHANE	4.835	94	124185	5.00	PPBV	94
9) CHLOROETHANE	5.002	64	40785	5.00	PPBV	81
10) TRICHLOROFLUOROMETHANE	5.785	101	598097	5.00	PPBV	95
11) ISOPROPYL ALCOHOL	5.827	45	152603	5.00	PPBV	88
12) ACETONE	5.600	43	160417	5.00	PPBV	86
13) PENTANE	6.147	42	114094	5.00	PPBV	92
14) 1,1-DICHLOROETHYLENE	6.424	96	129256	5.00	PPBV	97
15) CARBON DISULFIDE	6.857	76	432745	5.00	PPBV	89
16) ETHANOL	5.109	45	22919m	5.00	PPBV	
17) BROMOETHENE	5.368	106	117713	5.00	PPBV #	42
18) METHYLENE CHLORIDE	6.536	84	109865	5.00	PPBV	82
19) 3-CHLOROPROPENE	6.663	39	103278	5.00	PPBV #	83
20) FREON 113	6.798	151	241767	5.00	PPBV	96
21) TRANS-1,2-DICHLOROETHY...	7.464	96	114870	5.00	PPBV	90
22) TERTIARY BUTYL ALCOHOL	6.440	59	213157	5.00	PPBV	85
23) METHYL TERTIARY BUTYL ...	7.714	73	246707	5.00	PPBV	91
24) TETRAHYDROFURAN	9.144	42	43335	5.00	PPBV	79
25) HEXANE	8.667	57	75100	5.00	PPBV #	74
26) VINYL ACETATE	7.790	43	194142	5.00	PPBV	94
27) 1,1-DICHLOROETHANE	7.663	63	199081	5.00	PPBV	95
28) METHYL ETHYL KETONE	8.041	43	102287	5.00	PPBV	98
29) cis-1,2-DICHLOROETHYLENE	8.474	96	45638	5.00	PPBV	97
30) ETHYL ACETATE	8.664	43	175671	5.00	PPBV	97
31) CHLOROFORM	8.756	83	173506	5.00	PPBV	97
32) 1,1,1-TRICHLOROETHANE	9.711	97	189529	5.00	PPBV	98
33) CARBON TETRACHLORIDE	10.295	117	232780	5.00	PPBV	96
34) 1,2-DICHLOROETHANE	9.462	62	116703	5.00	PPBV	99
36) BENZENE	10.147	78	124427	5.00	PPBV	89
37) CYCLOHEXANE	10.410	84	54283	5.00	PPBV #	69
38) TRICHLOROETHYLENE	11.150	95	80337	5.00	PPBV #	82
39) 1,2-DICHLOROPROPANE	10.926	63	47909	5.00	PPBV #	65
40) BROMODICHLOROMETHANE	11.109	83	165644	5.00	PPBV	95
41) 2,2,4-TRIMETHYLPENTANE	11.169	57	216242	5.00	PPBV	99
42) 1,4-DIOXANE	11.139	88	23927	5.00	PPBV #	68
43) HEPTANE	11.406	43	79029	5.00	PPBV	92

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3910.D
Acq On : 5 Jul 2007 3:17 pm
Operator : PhilipB
Sample : IC210-5 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:19:54 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:17:57 2007
Response via : Initial Calibration

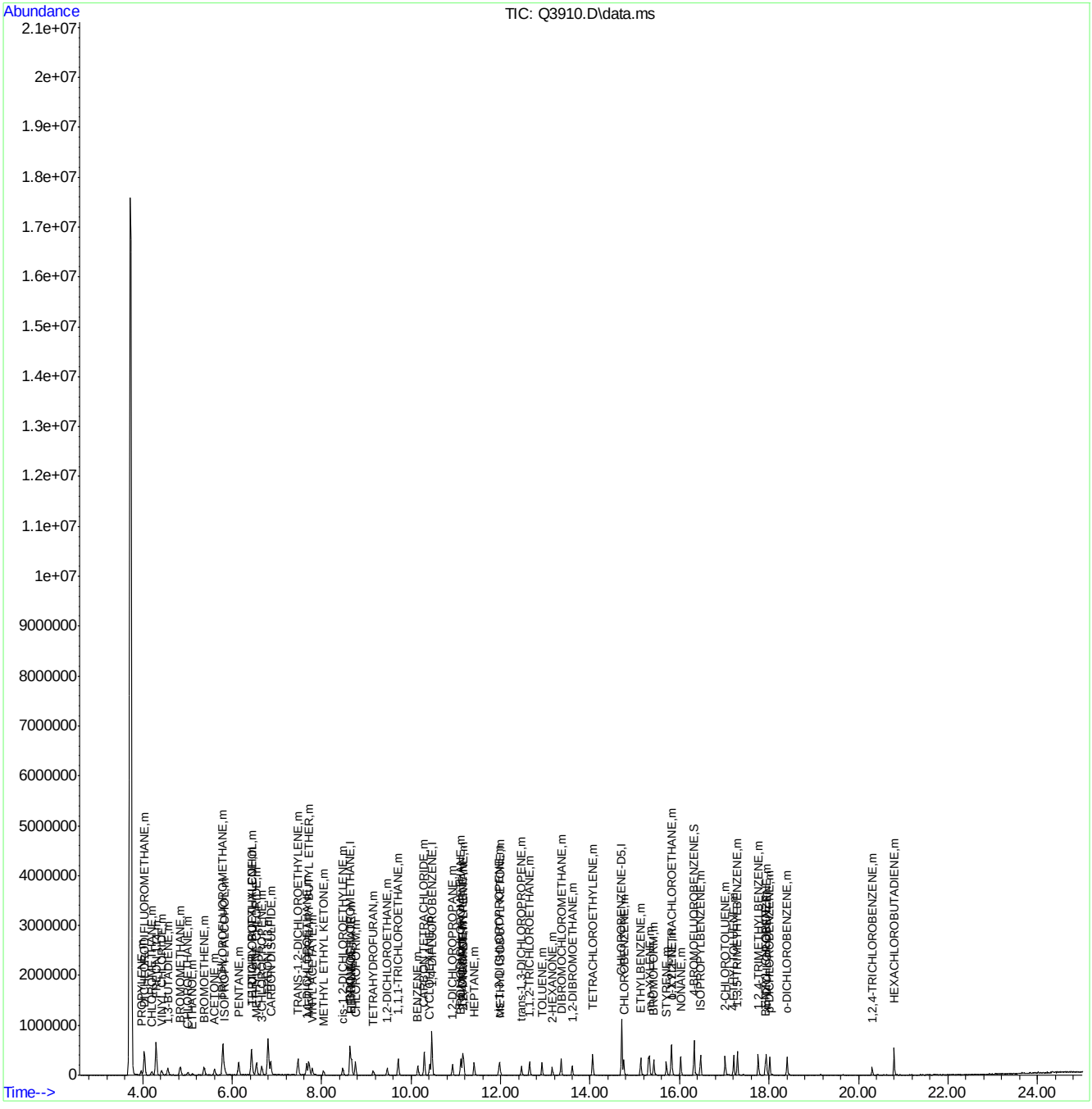
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.984	43	115411	5.00	PPBV		86
45) cis-1,3-DICHLOROPROPENE	11.966	75	79506	5.00	PPBV	#	81
46) TOLUENE	12.927	92	78428	5.00	PPBV		98
47) trans-1,3-DICHLOROPROPENE	12.463	75	75800	5.00	PPBV		91
48) 1,1,2-TRICHLOROETHANE	12.648	83	53629	5.00	PPBV		96
50) 2-HEXANONE	13.148	43	95705	5.00	PPBV		83
51) TETRACHLOROETHYLENE	14.059	164	52797	5.00	PPBV		91
52) DIBROMOCHLOROMETHANE	13.349	129	122666	5.00	PPBV		98
53) 1,2-DIBROMOETHANE	13.601	107	86675	5.00	PPBV	#	5
54) CHLOROBENZENE	14.753	112	110961	5.00	PPBV		86
55) ETHYLBENZENE	15.133	91	195542	5.00	PPBV		91
56) m,p-XYLENE	15.326	106	137948m	10.00	PPBV		
57) o-XYLENE	15.825	106	69400	5.00	PPBV	#	65
58) STYRENE	15.704	104	84400	5.00	PPBV		82
59) NONANE	16.025	43	116090	5.00	PPBV		94
60) BROMOFORM	15.424	173	104036	5.00	PPBV		96
62) 1,1,2,2-TETRACHLOROETHANE	15.814	83	141141	5.00	PPBV		99
63) ISOPROPYLBENZENE	16.469	105	210022	5.00	PPBV	#	100
64) 2-CHLOROTOLUENE	17.017	91	170454	5.00	PPBV		89
65) 4-ETHYLTOLUENE	17.207	105	187451	5.00	PPBV		96
66) 1,3,5-TRIMETHYLBENZENE	17.292	105	195236m	5.00	PPBV		
67) 1,2,4-TRIMETHYLBENZENE	17.757	105	167442	5.00	PPBV		94
68) m-DICHLOROBENZENE	17.938	146	100133	5.00	PPBV		92
69) BENZYL CHLORIDE	17.919	91	125164	5.00	PPBV		92
70) p-DICHLOROBENZENE	18.015	146	101526m	5.00	PPBV		
71) o-DICHLOROBENZENE	18.403	146	94218	5.00	PPBV		94
72) HEXACHLOROBUTADIENE	20.798	225	46863	5.00	PPBV		99
73) 1,2,4-TRICHLOROBENZENE	20.310	180	27329	5.00	PPBV		95

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3910.D
Acq On : 5 Jul 2007 3:17 pm
Operator : PhilipB
Sample : IC210-5 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

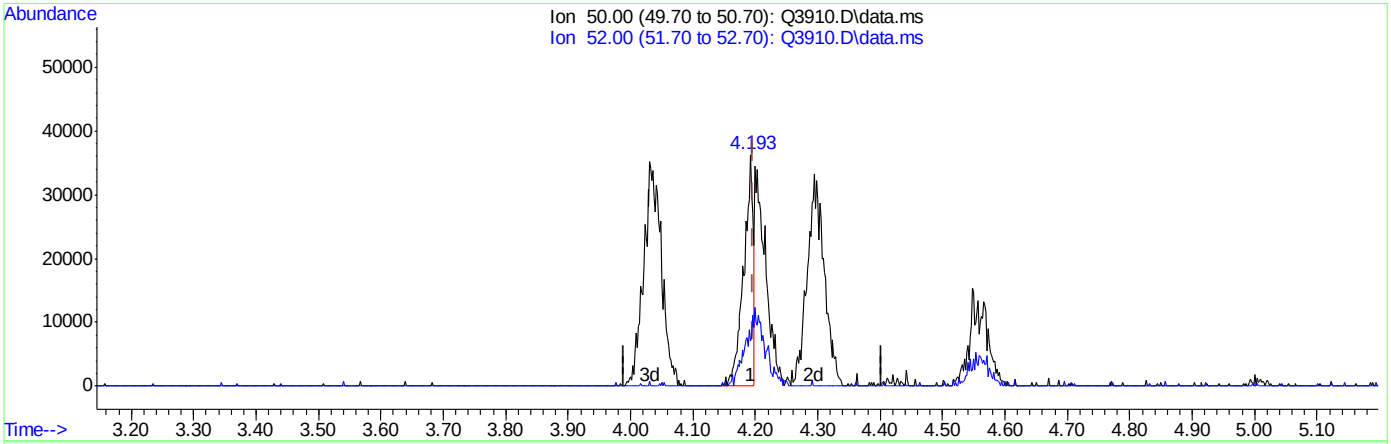
Quant Time: Jul 05 16:19:54 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:17:57 2007
Response via : Initial Calibration

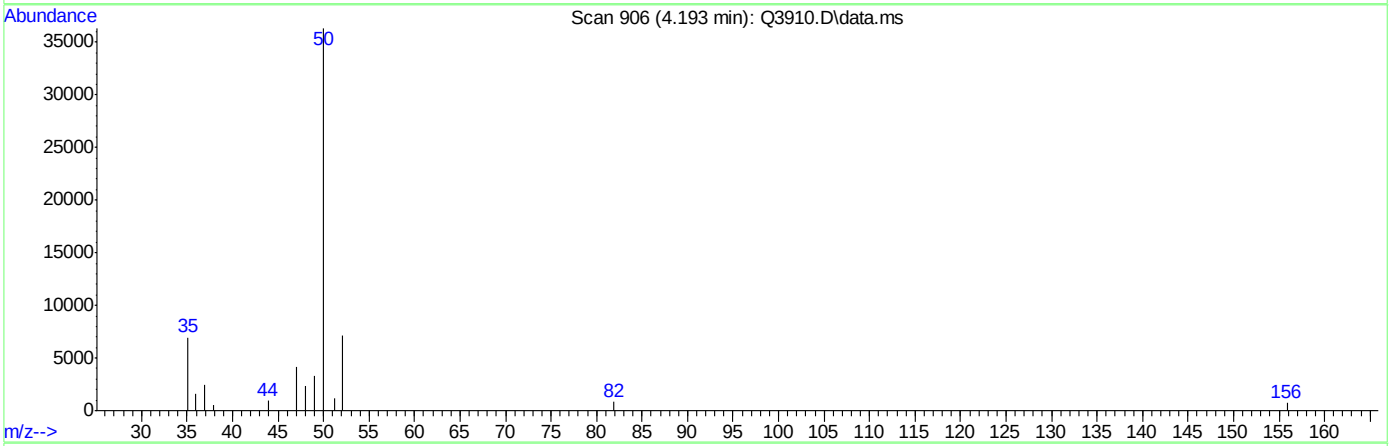


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3910.D
Acq On : 5 Jul 2007 3:17 pm
Operator : PhilipB
Sample : ICC210-5 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:18:00 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:17:57 2007
Response via : Initial Calibration





TIC: Q3910.D\data.ms

(5) CHLOROMETHANE (m)

4.193min (-0.004) 2.43PPBV

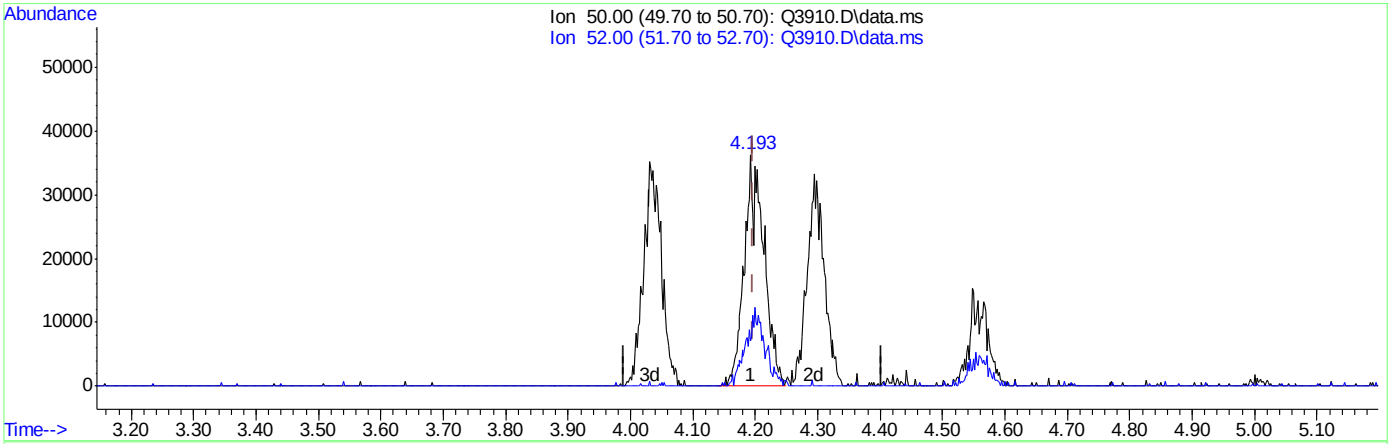
response 38843

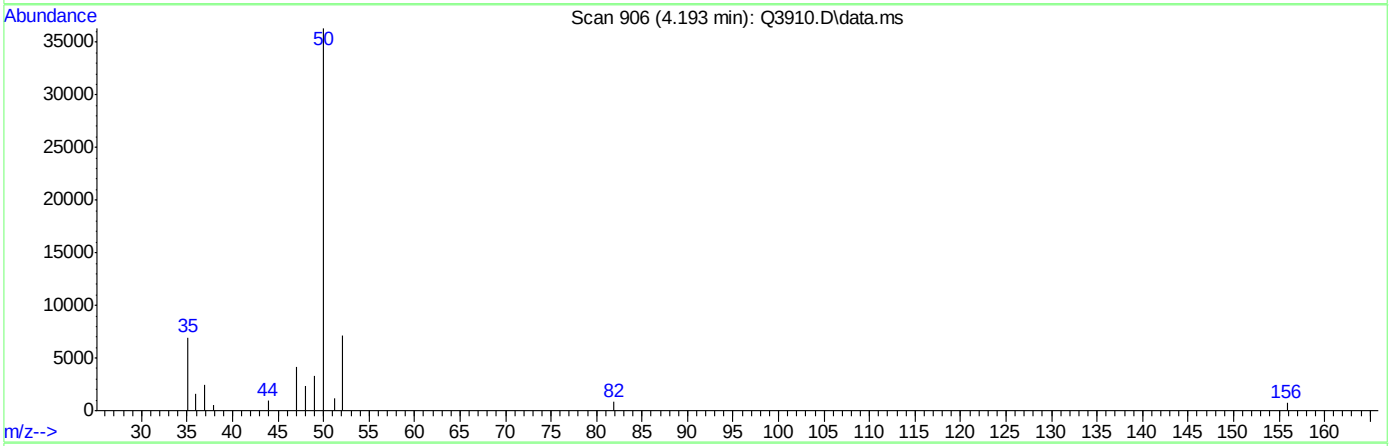
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	10.27#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3910.D
Acq On : 5 Jul 2007 3:17 pm
Operator : PhilipB
Sample : ICC210-5 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:18:00 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:17:57 2007
Response via : Initial Calibration





TIC: Q3910.D\data.ms

(5) CHLOROMETHANE (m)

4.193min (-0.004) 5.00PPBV m

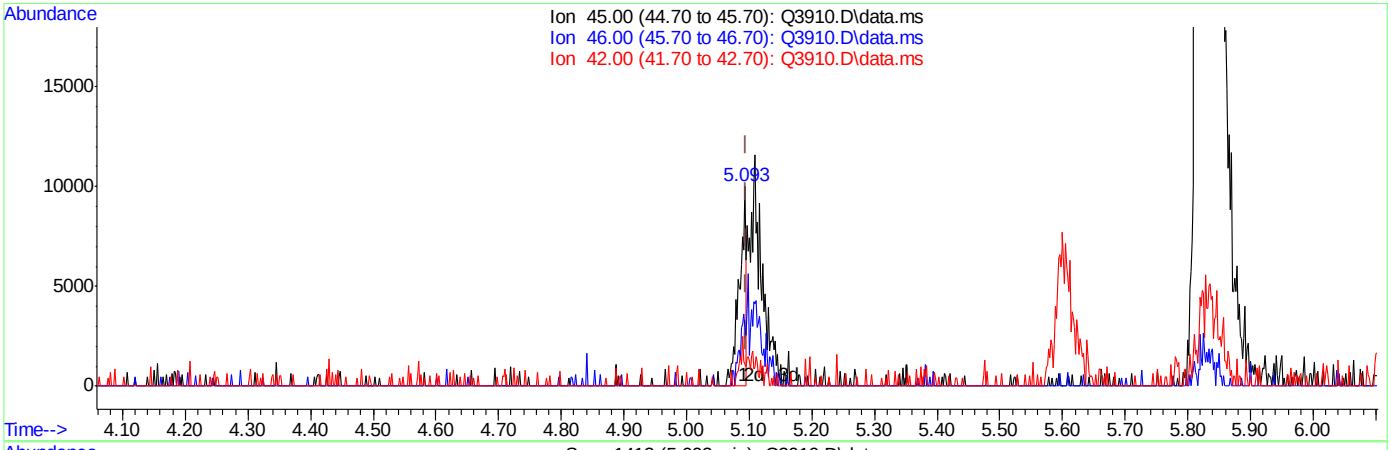
response 79960

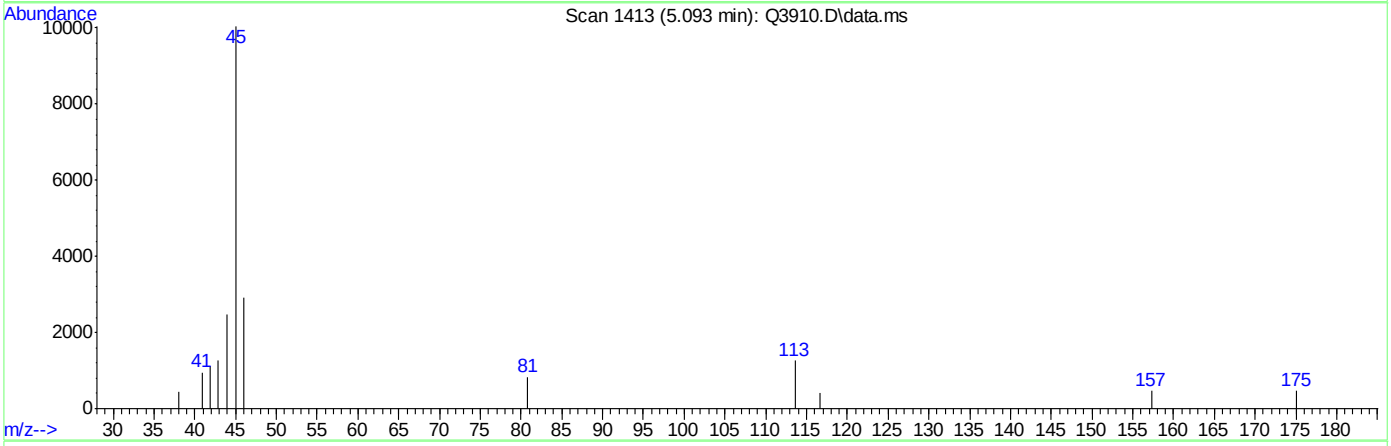
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	19.75
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3910.D
Acq On : 5 Jul 2007 3:17 pm
Operator : PhilipB
Sample : ICC210-5 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:18:00 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:17:57 2007
Response via : Initial Calibration





TIC: Q3910.D\data.ms

(16) ETHANOL (m)

5.093min (-0.003) 1.57PPBV

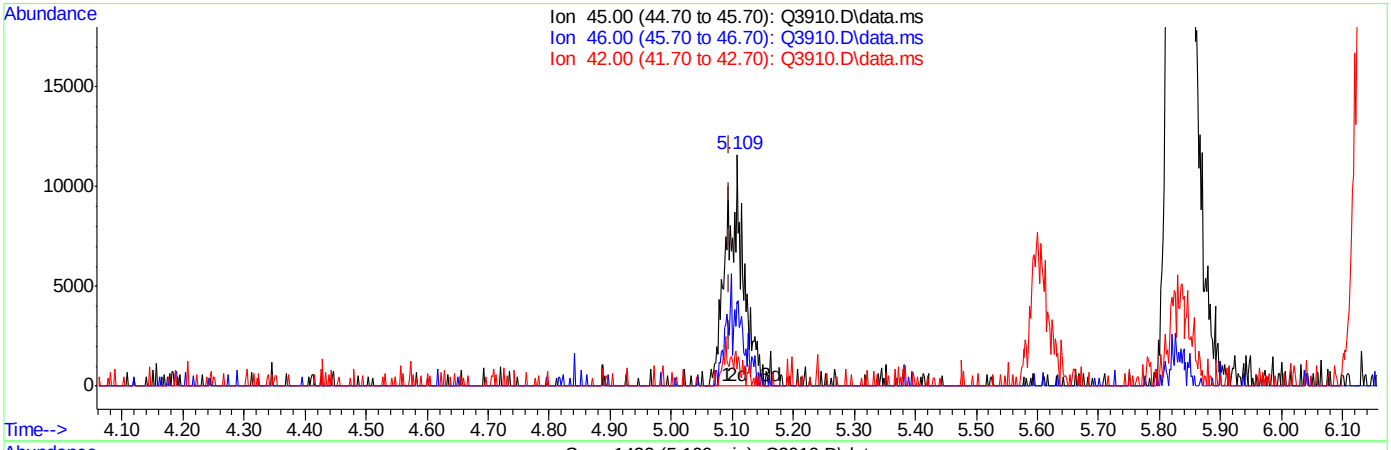
response 7218

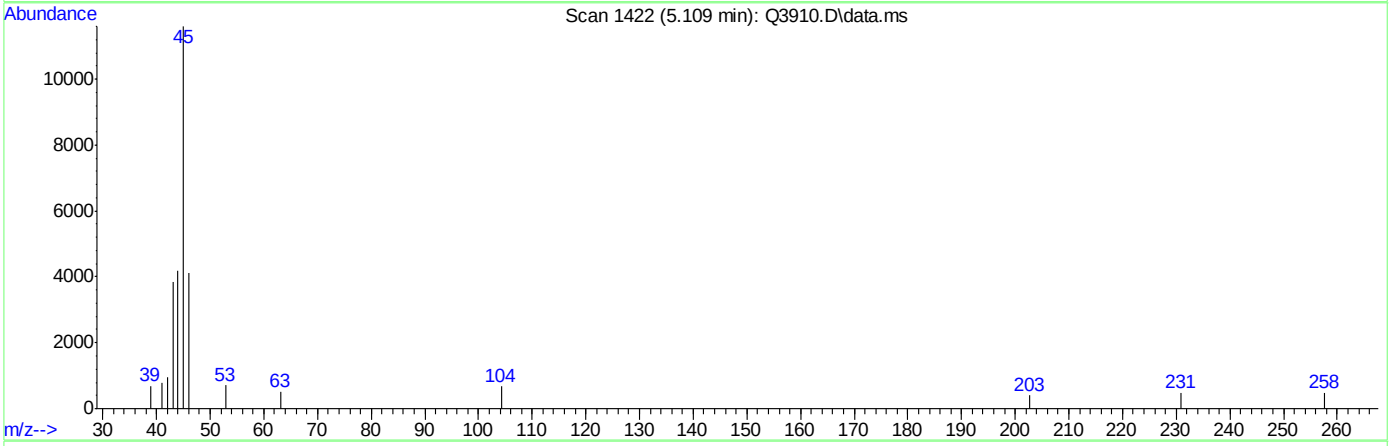
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	66.00#
42.00	8.40	16.79
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3910.D
Acq On : 5 Jul 2007 3:17 pm
Operator : PhilipB
Sample : ICC210-5 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:18:00 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:17:57 2007
Response via : Initial Calibration





TIC: Q3910.D\data.ms

(16) ETHANOL (m)

5.109min (+0.013) 5.00PPBV m

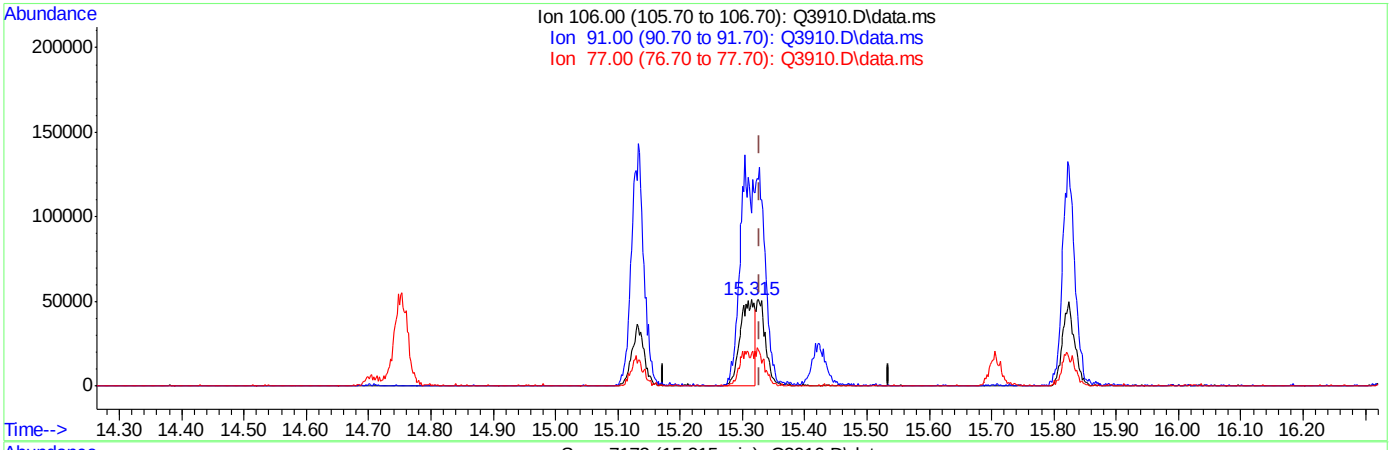
response 22919

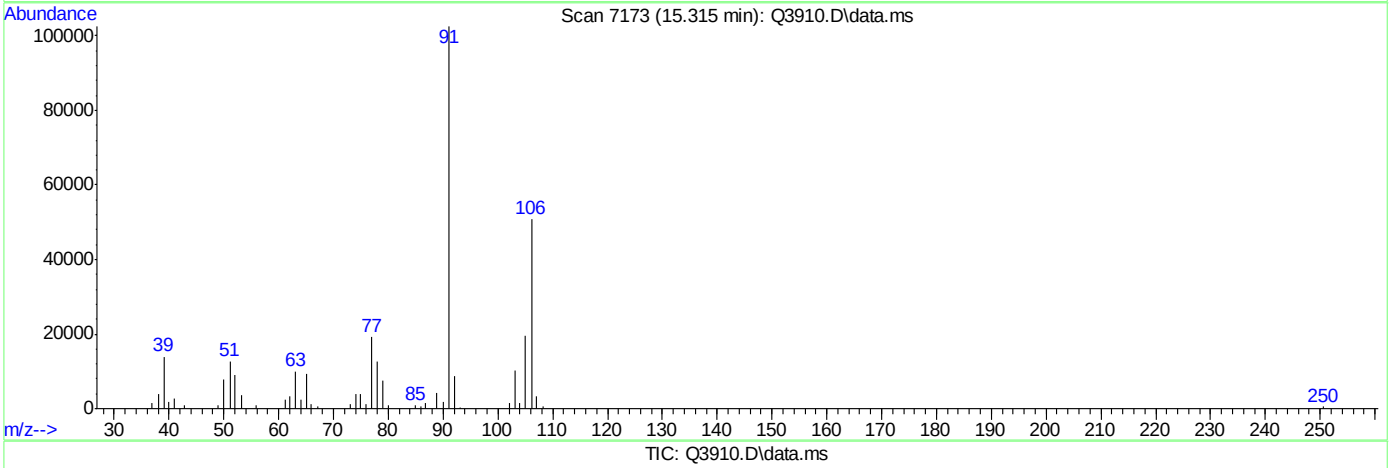
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	20.79
42.00	8.40	5.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3910.D
Acq On : 5 Jul 2007 3:17 pm
Operator : PhilipB
Sample : ICC210-5 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:18:00 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:17:57 2007
Response via : Initial Calibration





TIC: Q3910.D\data.ms

(56) m,p-XYLENE (m)

15.315min (-0.014) 6.02PPBV

response 83068

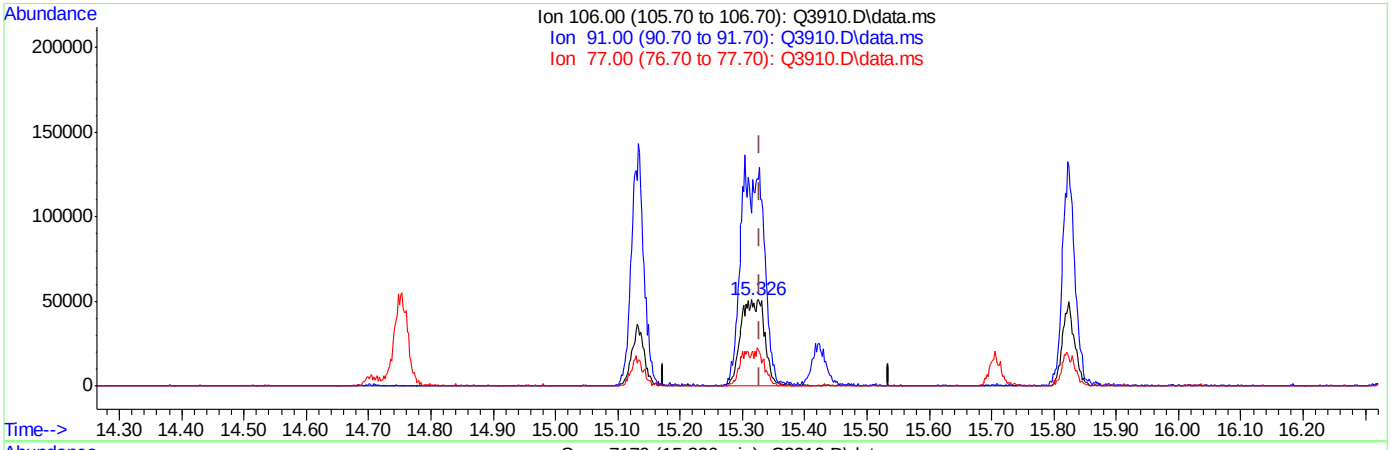
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	201.29
77.00	27.30	37.65#
0.00	0.00	0.00

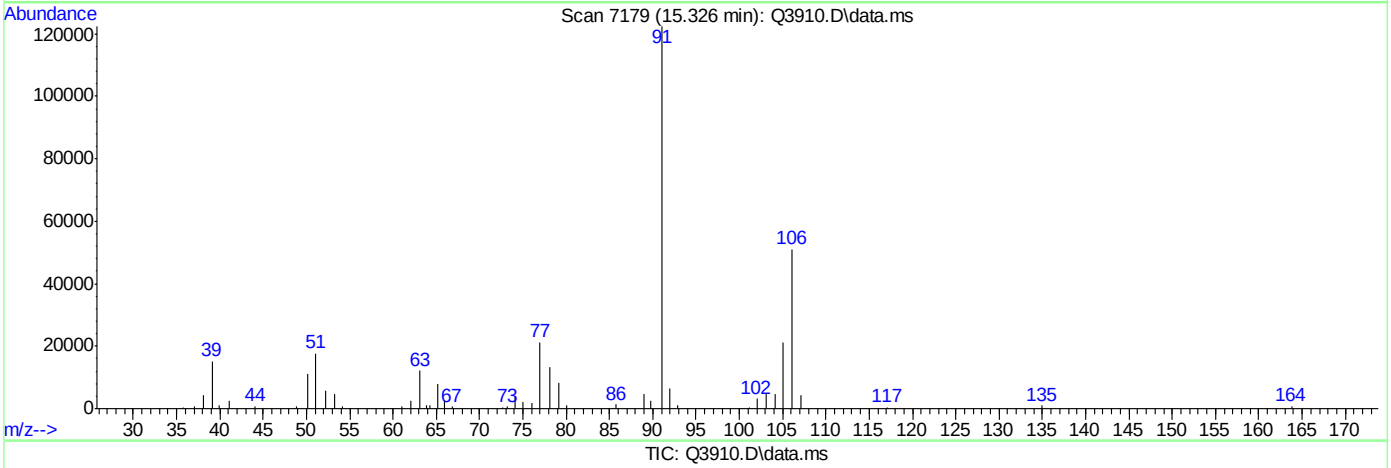
ACCUTEST Laboratories M66023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3910.D
Acq On : 5 Jul 2007 3:17 pm
Operator : PhilipB
Sample : ICC210-5 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:18:00 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:17:57 2007
Response via : Initial Calibration





TIC: Q3910.D\data.ms

(56) m,p-XYLENE (m)

15.326min (-0.003) 10.00PPBV m

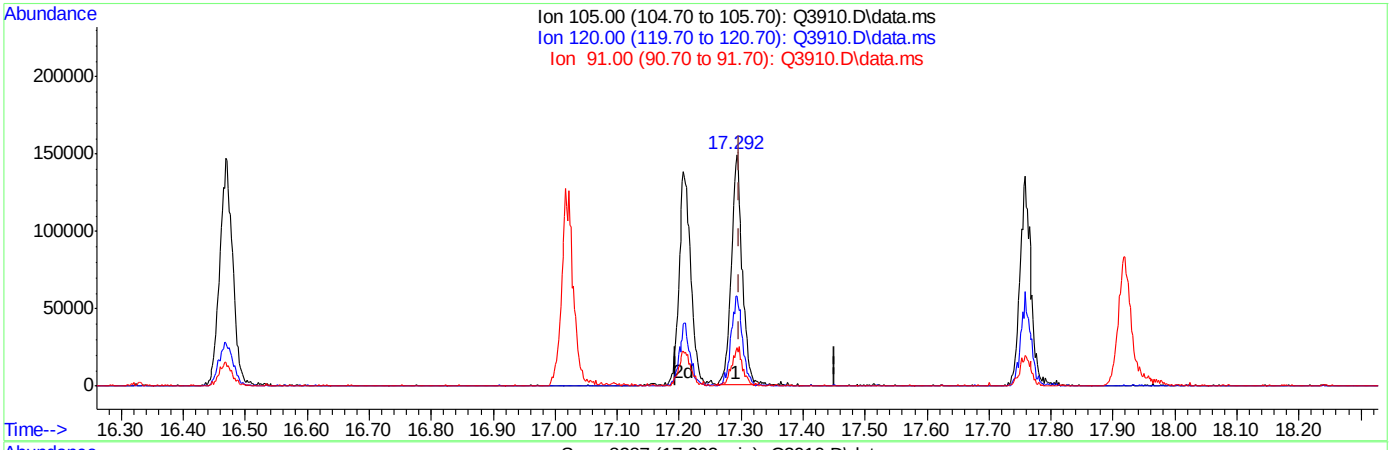
response 137948

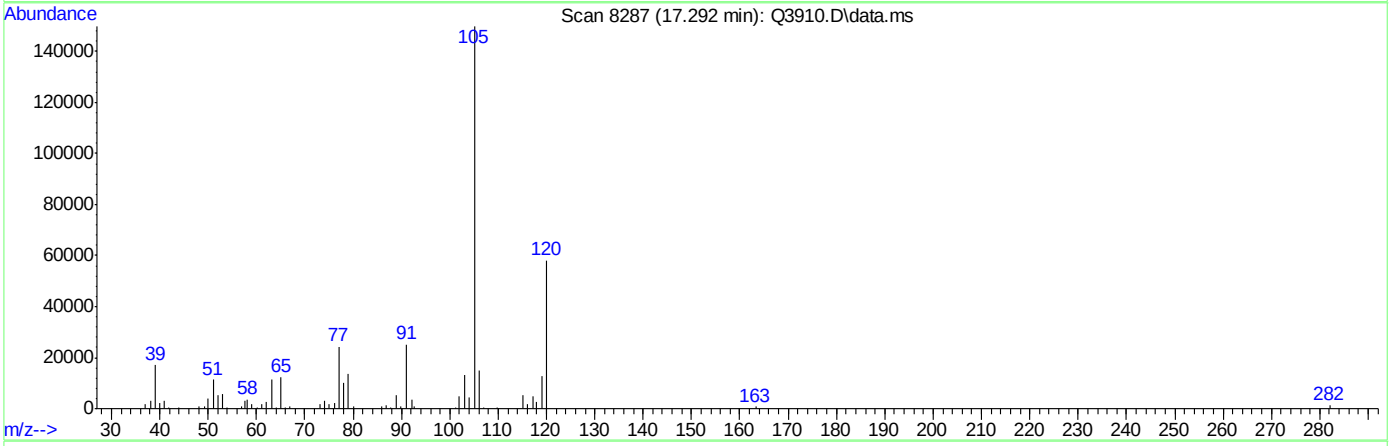
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	240.13
77.00	27.30	41.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3910.D
Acq On : 5 Jul 2007 3:17 pm
Operator : PhilipB
Sample : ICC210-5 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:18:00 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:17:57 2007
Response via : Initial Calibration





TIC: Q3910.D\data.ms

(66) 1,3,5-TRIMETHYLBENZENE (m)

17.292min (-0.005) 4.78PPBV

response 186509

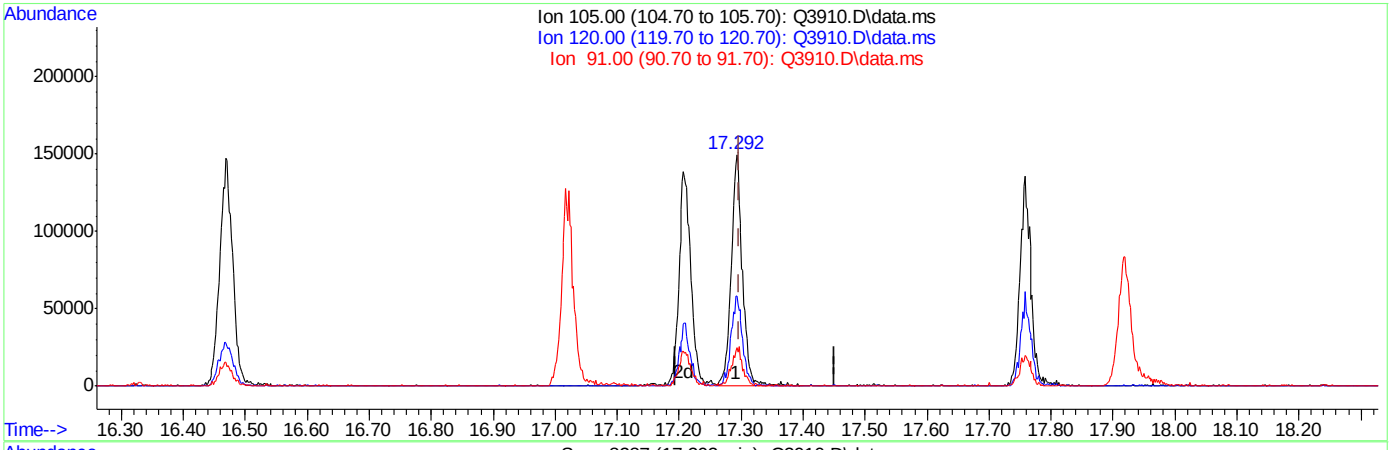
Ion	Exp%	Act%
105.00	100	100
120.00	48.50	42.14
91.00	11.20	17.59
0.00	0.00	0.00

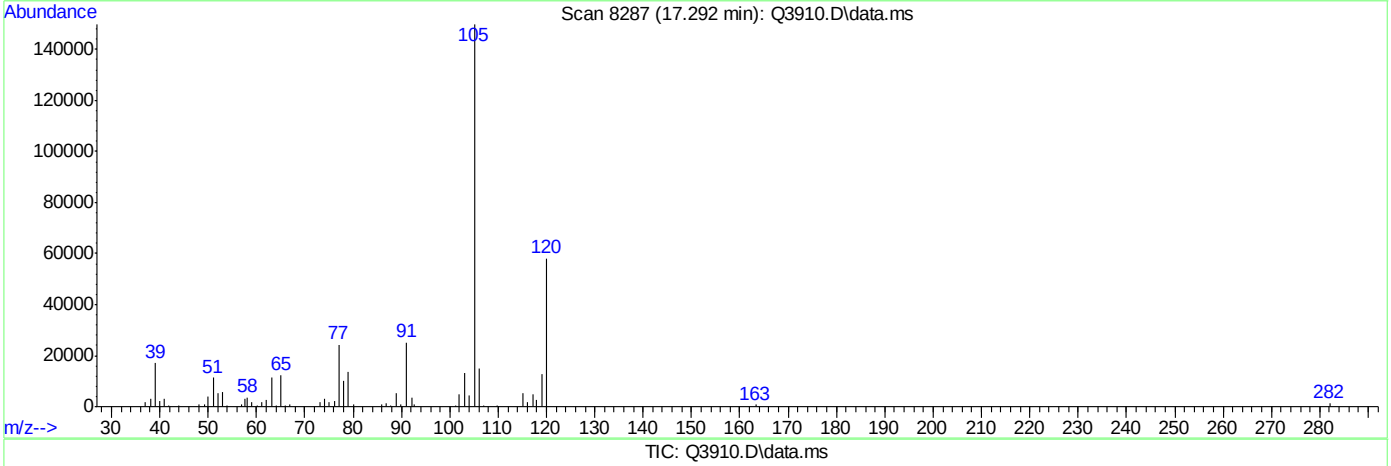
ACCUTEST Laboratories M66023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3910.D
Acq On : 5 Jul 2007 3:17 pm
Operator : PhilipB
Sample : ICC210-5 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:18:00 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:17:57 2007
Response via : Initial Calibration





TIC: Q3910.D\data.ms

(66) 1,3,5-TRIMETHYLBENZENE (m)

17.292min (-0.005) 5.00PPBV m

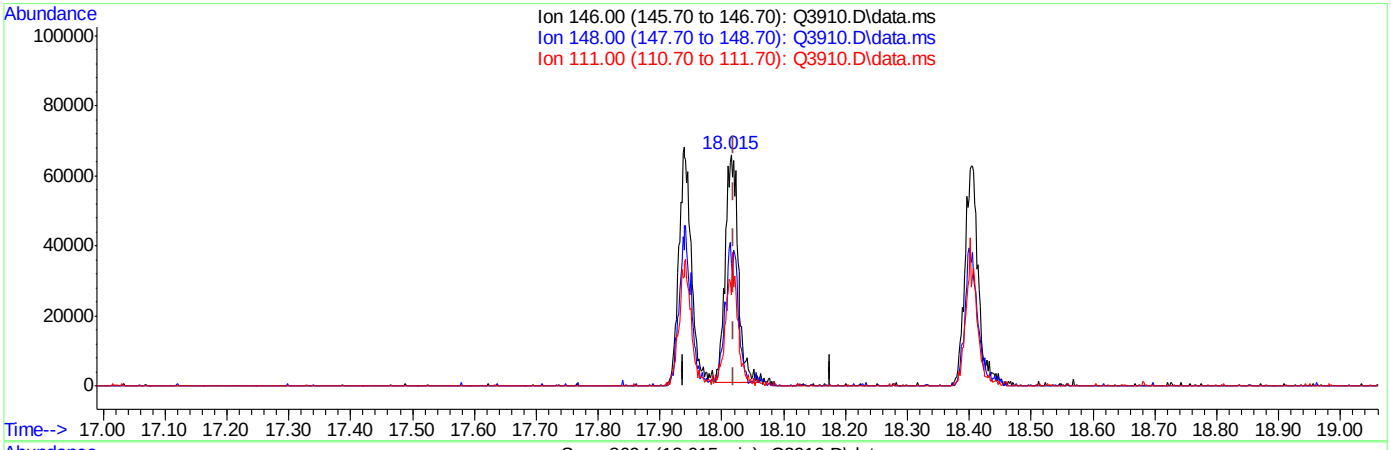
response 195236

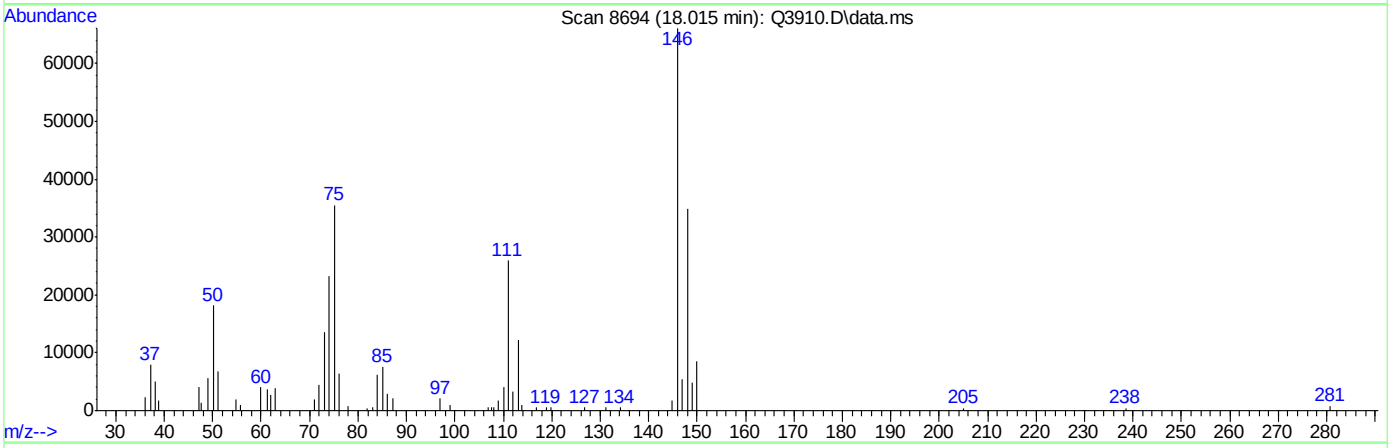
Ion	Exp%	Act%
105.00	100	100
120.00	48.50	40.25
91.00	11.20	16.81
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3910.D
Acq On : 5 Jul 2007 3:17 pm
Operator : PhilipB
Sample : ICC210-5 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:18:00 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:17:57 2007
Response via : Initial Calibration





(70) p-DICHLOROBENZENE (m)

18.015min (-0.005) 4.66PPBV

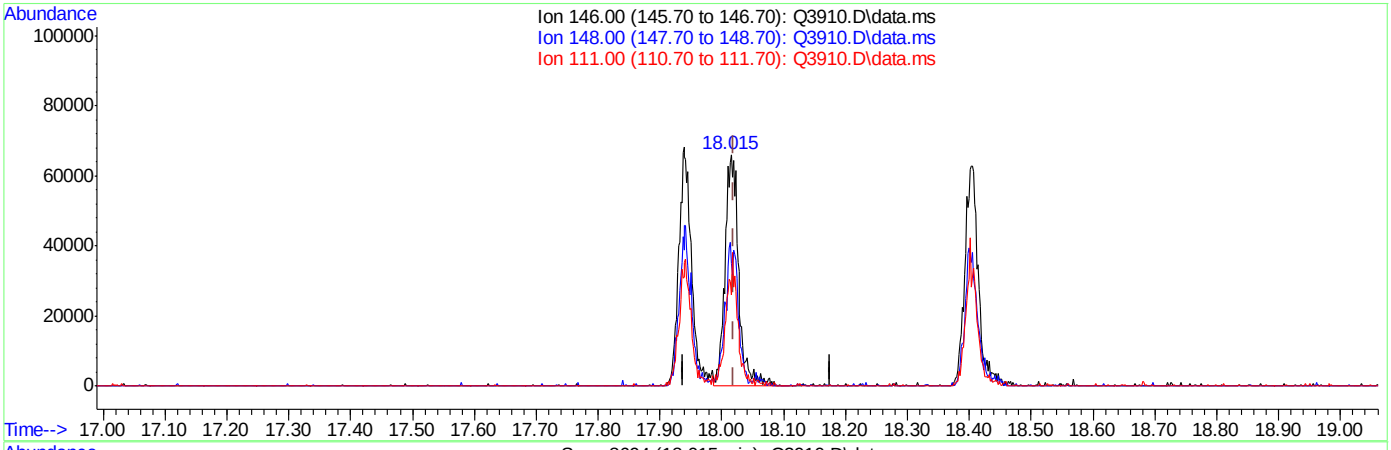
response 94578

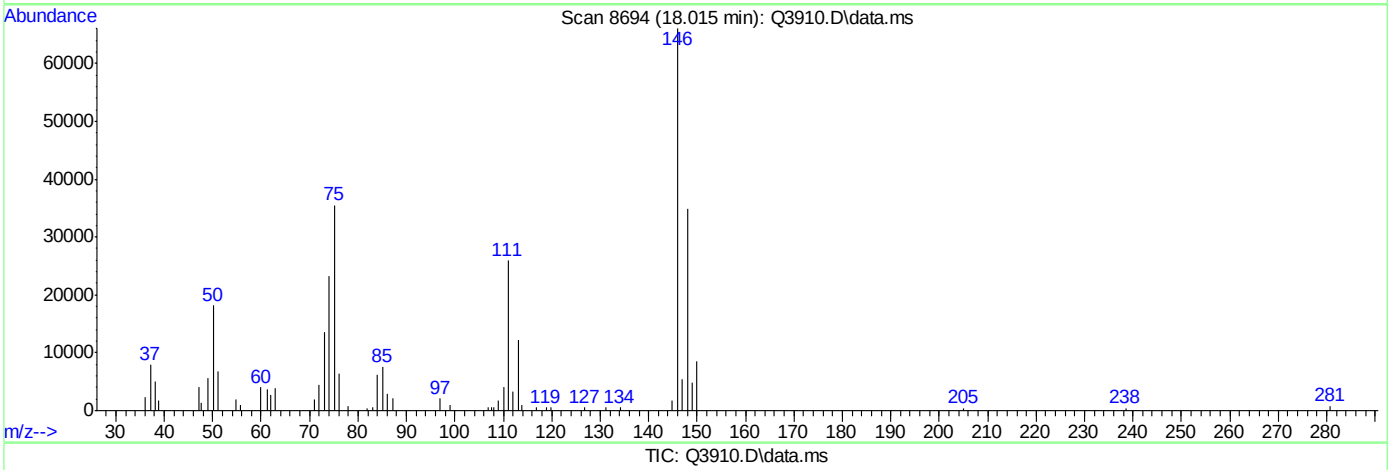
Ion	Exp%	Act%
146.00	100	100
148.00	63.40	60.53
111.00	41.10	51.51
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3910.D
Acq On : 5 Jul 2007 3:17 pm
Operator : PhilipB
Sample : ICC210-5 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:18:00 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:17:57 2007
Response via : Initial Calibration





(70) p-DICHLOROBENZENE (m)

18.015min (-0.005) 5.00PPBV m

response 101526

Ion	Exp%	Act%
146.00	100	100
148.00	63.40	56.38
111.00	41.10	47.98
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 07/11/07 12:09

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3911.D
Acq On : 5 Jul 2007 4:00 pm
Operator : PhilipB
Sample : IC210-2 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:51:27 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:49:58 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) BROMOCHLOROMETHANE	8.632	128	86441	10.00	PPBV		0.00
35) 1,4-DIFLUOROBENZENE	10.460	114	392657	10.00	PPBV		0.00
49) CHLOROBENZENE-D5	14.705	117	321967	10.00	PPBV		0.00
System Monitoring Compounds							
61) 4-BROMOFLUOROBENZENE	16.323	95	144812	5.00	PPBV		0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 100.00%				
Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.035	85	244282	2.00	PPBV		84
3) PROPYLENE	3.959	41	24363	2.00	PPBV	#	70
4) FREON 114	4.299	85	199743	2.00	PPBV		87
5) CHLOROMETHANE	4.205	50	39551m	2.00	PPBV		
6) VINYL CHLORIDE	4.418	62	51560	2.00	PPBV		83
7) 1,3-BUTADIENE	4.557	39	39237	2.00	PPBV	#	67
8) BROMOMETHANE	4.828	94	59257	2.00	PPBV		95
9) CHLOROETHANE	5.011	64	18217m	2.00	PPBV		
10) TRICHLOROFLUOROMETHANE	5.787	101	278364	2.00	PPBV		96
11) ISOPROPYL ALCOHOL	5.838	45	68445	2.00	PPBV		95
12) ACETONE	5.607	43	75963	2.00	PPBV		66
13) PENTANE	6.140	42	54572	2.00	PPBV		89
14) 1,1-DICHLOROETHYLENE	6.434	96	61230	2.00	PPBV	#	83
15) CARBON DISULFIDE	6.855	76	207900	2.00	PPBV		83
16) ETHANOL	5.103	45	11449m	2.00	PPBV		
17) BROMOETHENE	5.368	106	57528	2.00	PPBV	#	91
18) METHYLENE CHLORIDE	6.541	84	63280	2.00	PPBV		84
19) 3-CHLOROPROPENE	6.658	39	48993	2.00	PPBV	#	46
20) FREON 113	6.802	151	110178	2.00	PPBV		92
21) TRANS-1,2-DICHLOROETHY...	7.467	96	58399	2.00	PPBV	#	85
22) TERTIARY BUTYL ALCOHOL	6.436	59	93635	2.00	PPBV		89
23) METHYL TERTIARY BUTYL ...	7.716	73	102066	2.00	PPBV		87
24) TETRAHYDROFURAN	9.146	42	14784	2.00	PPBV		74
25) HEXANE	8.667	57	34457	2.00	PPBV	#	70
26) VINYL ACETATE	7.790	43	75629	2.00	PPBV		95
27) 1,1-DICHLOROETHANE	7.664	63	100381	2.00	PPBV		96
28) METHYL ETHYL KETONE	8.037	43	40568	2.00	PPBV		89
29) cis-1,2-DICHLOROETHYLENE	8.475	96	20709m	2.00	PPBV		
30) ETHYL ACETATE	8.665	43	72033	2.00	PPBV		100
31) CHLOROFORM	8.752	83	80333	2.00	PPBV		95
32) 1,1,1-TRICHLOROETHANE	9.711	97	83222	2.00	PPBV		96
33) CARBON TETRACHLORIDE	10.291	117	109984	2.00	PPBV		93
34) 1,2-DICHLOROETHANE	9.460	62	53548	2.00	PPBV		98
36) BENZENE	10.149	78	54575	2.00	PPBV	#	76
37) CYCLOHEXANE	10.417	84	24466	2.00	PPBV	#	72
38) TRICHLOROETHYLENE	11.146	95	35910	2.00	PPBV	#	82
39) 1,2-DICHLOROPROPANE	10.921	63	20564	2.00	PPBV	#	67
40) BROMODICHLOROMETHANE	11.106	83	68927	2.00	PPBV		97
41) 2,2,4-TRIMETHYLPENTANE	11.170	57	90768	2.00	PPBV		98
42) 1,4-DIOXANE	11.145	88	9595m	2.00	PPBV		
43) HEPTANE	11.404	43	32957	2.00	PPBV		87

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3911.D
Acq On : 5 Jul 2007 4:00 pm
Operator : PhilipB
Sample : IC210-2 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:51:27 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:49:58 2007
Response via : Initial Calibration

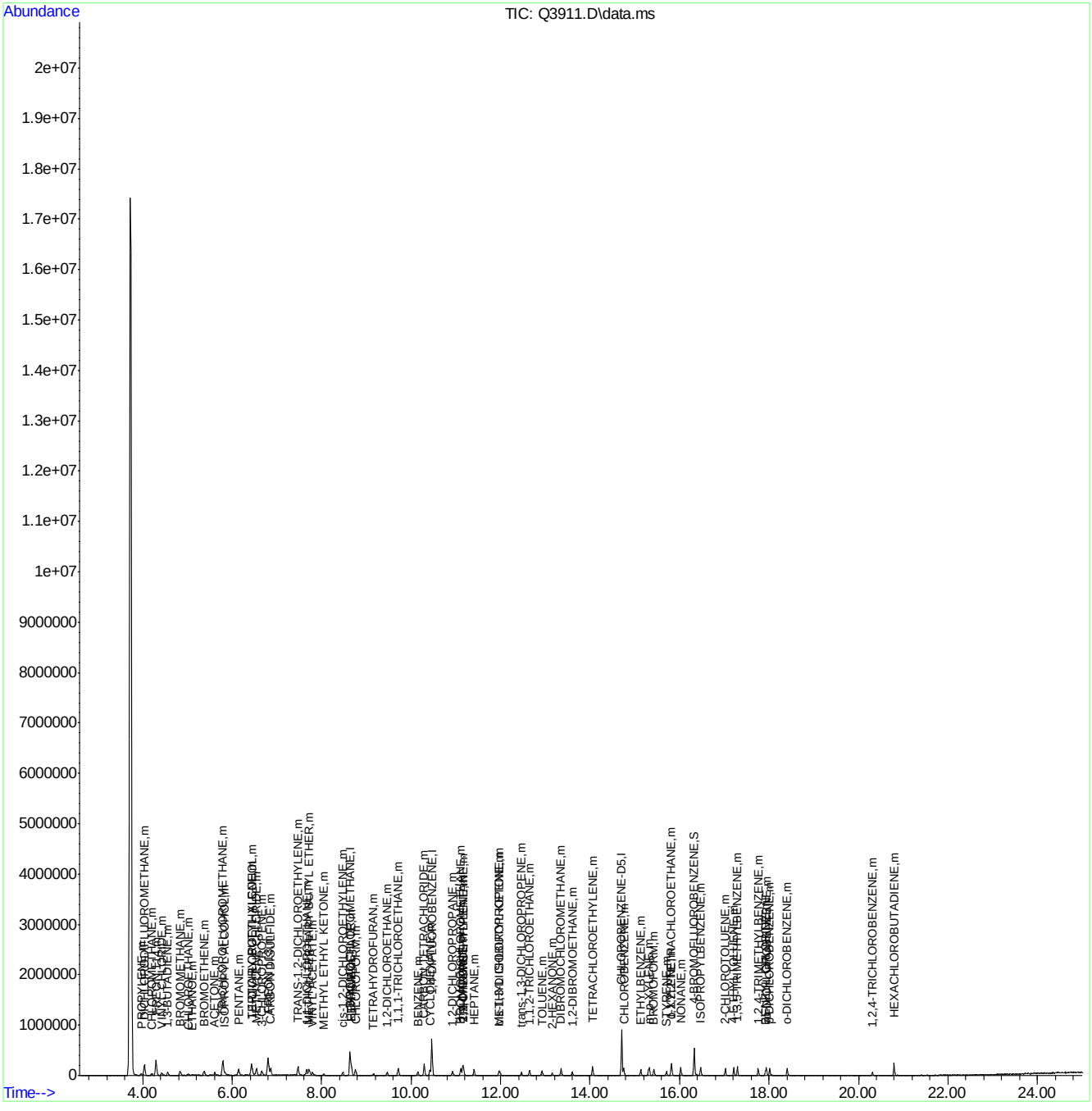
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.981	43	41723	2.00	PPBV	86
45) cis-1,3-DICHLOROPROPENE	11.965	75	29427	2.00	PPBV #	70
46) TOLUENE	12.928	92	28111	2.00	PPBV #	84
47) trans-1,3-DICHLOROPROPENE	12.456	75	26718	2.00	PPBV	90
48) 1,1,2-TRICHLOROETHANE	12.643	83	22748	2.00	PPBV	96
50) 2-HEXANONE	13.156	43	34068	2.00	PPBV	83
51) TETRACHLOROETHYLENE	14.052	164	23608m	2.00	PPBV	
52) DIBROMOCHLOROMETHANE	13.347	129	51227	2.00	PPBV	99
53) 1,2-DIBROMOETHANE	13.601	107	37325	2.00	PPBV	98
54) CHLOROBENZENE	14.751	112	46535	2.00	PPBV	84
55) ETHYLBENZENE	15.131	91	67077	2.00	PPBV	94
56) m,p-XYLENE	15.303	106	51150m	4.00	PPBV	
57) o-XYLENE	15.821	106	24979	2.00	PPBV #	65
58) STYRENE	15.708	104	27162	2.00	PPBV	88
59) NONANE	16.027	43	45924	2.00	PPBV	99
60) BROMOFORM	15.420	173	38703	2.00	PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.811	83	58568	2.00	PPBV	98
63) ISOPROPYLBENZENE	16.467	105	77642	2.00	PPBV #	100
64) 2-CHLOROTOLUENE	17.023	91	56541	2.00	PPBV	90
65) 4-ETHYLTOLUENE	17.213	105	67319	2.00	PPBV	94
66) 1,3,5-TRIMETHYLBENZENE	17.294	105	71739	2.00	PPBV	86
67) 1,2,4-TRIMETHYLBENZENE	17.758	105	55945	2.00	PPBV	91
68) m-DICHLOROBENZENE	17.937	146	39711	2.00	PPBV	92
69) BENZYL CHLORIDE	17.921	91	38757	2.00	PPBV	95
70) p-DICHLOROBENZENE	18.017	146	38395	2.00	PPBV	92
71) o-DICHLOROBENZENE	18.402	146	34063	2.00	PPBV	93
72) HEXACHLOROBUTADIENE	20.798	225	20164	2.00	PPBV	96
73) 1,2,4-TRICHLOROBENZENE	20.306	180	10689	2.00	PPBV	90

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3911.D
Acq On : 5 Jul 2007 4:00 pm
Operator : PhilipB
Sample : IC210-2 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

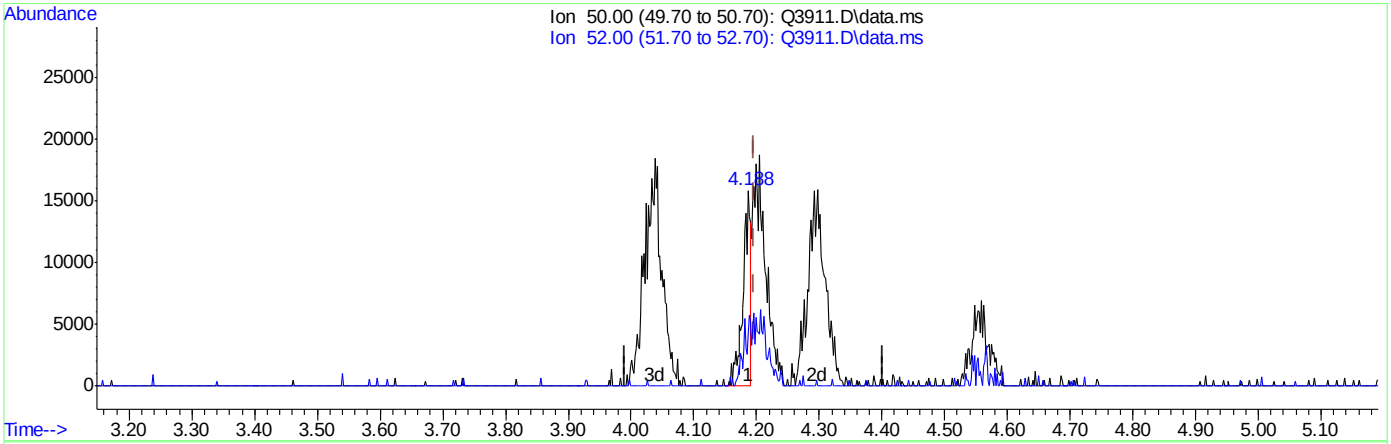
Quant Time: Jul 05 16:51:27 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:49:58 2007
Response via : Initial Calibration

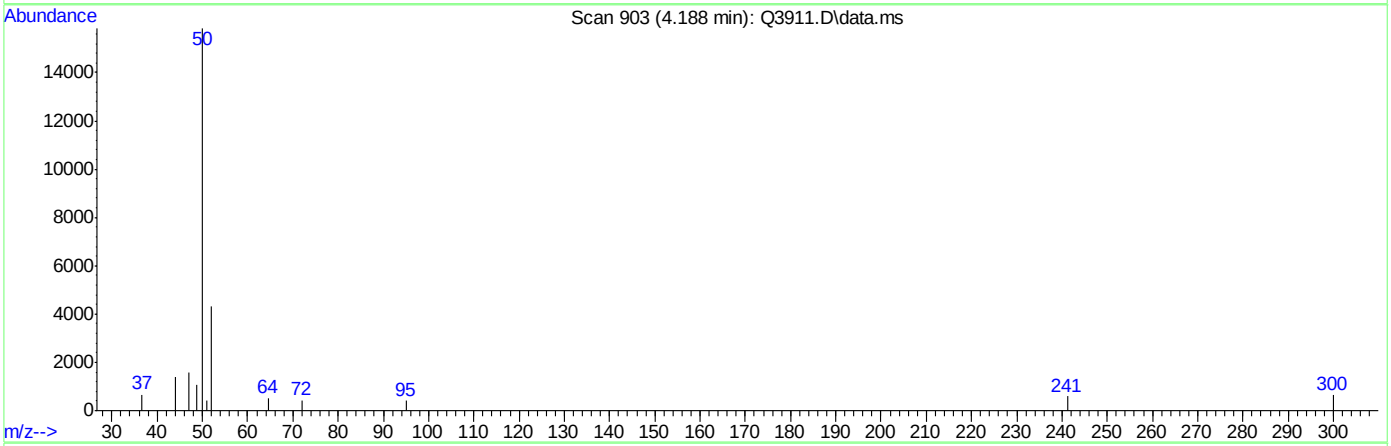


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3911.D
Acq On : 5 Jul 2007 4:00 pm
Operator : PhilipB
Sample : IC210-2 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:50:01 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:49:58 2007
Response via : Initial Calibration





TIC: Q3911.D\data.ms

(5) CHLOROMETHANE (m)

4.188min (-0.009) 0.67PPBV

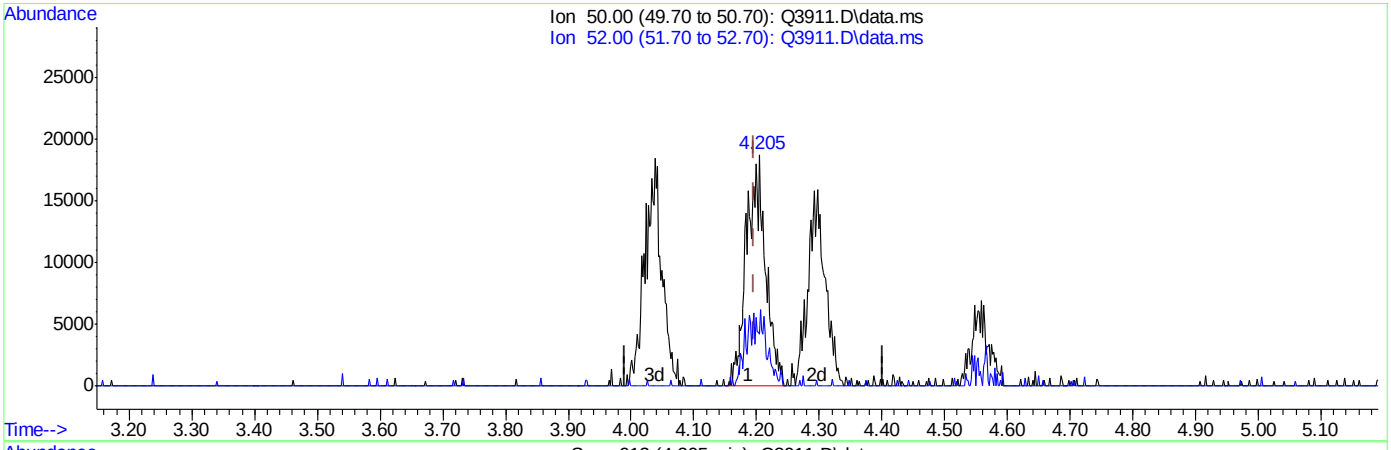
response 13283

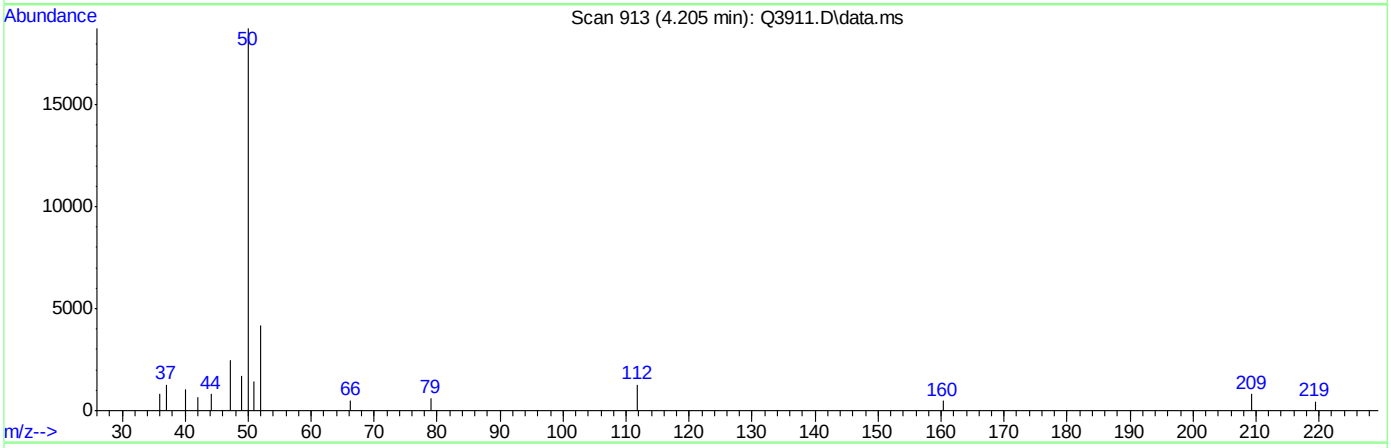
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	18.56
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3911.D
Acq On : 5 Jul 2007 4:00 pm
Operator : PhilipB
Sample : IC210-2 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:50:01 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:49:58 2007
Response via : Initial Calibration





TIC: Q3911.D\data.ms

(5) CHLOROMETHANE (m)

4.205min (+0.009) 2.00PPBV m

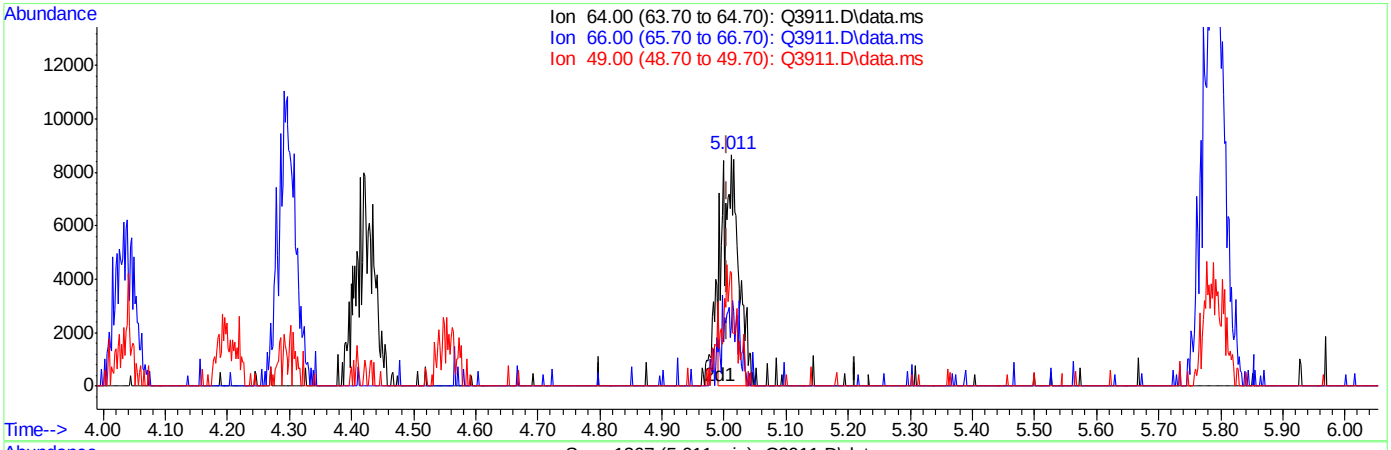
response 39551

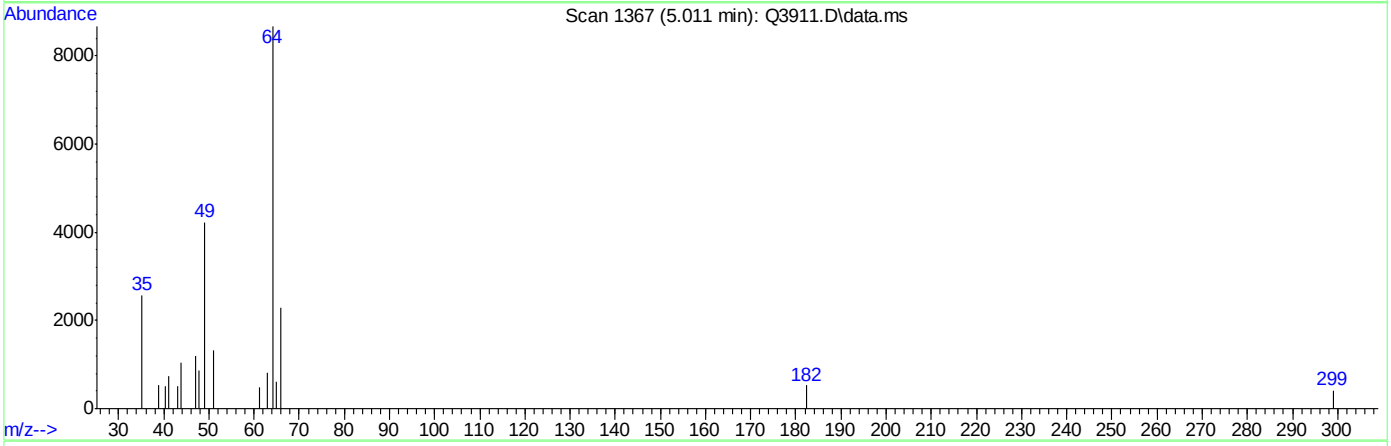
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	22.25
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3911.D
Acq On : 5 Jul 2007 4:00 pm
Operator : PhilipB
Sample : IC210-2 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:50:01 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:49:58 2007
Response via : Initial Calibration





TIC: Q3911.D\data.ms

(9) CHLOROETHANE (m)

5.011min (+0.005) 1.70PPBV

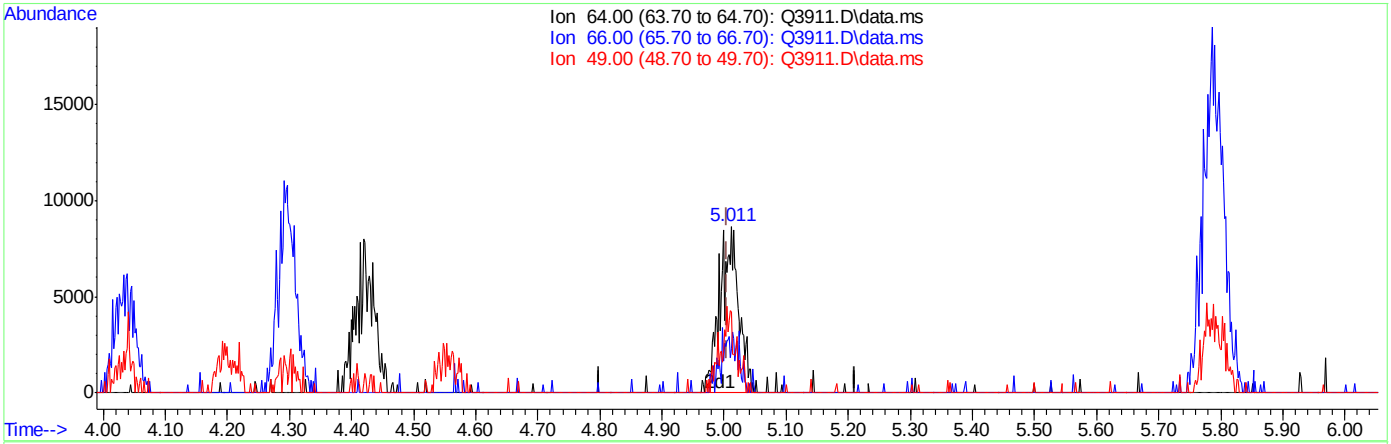
response 15508

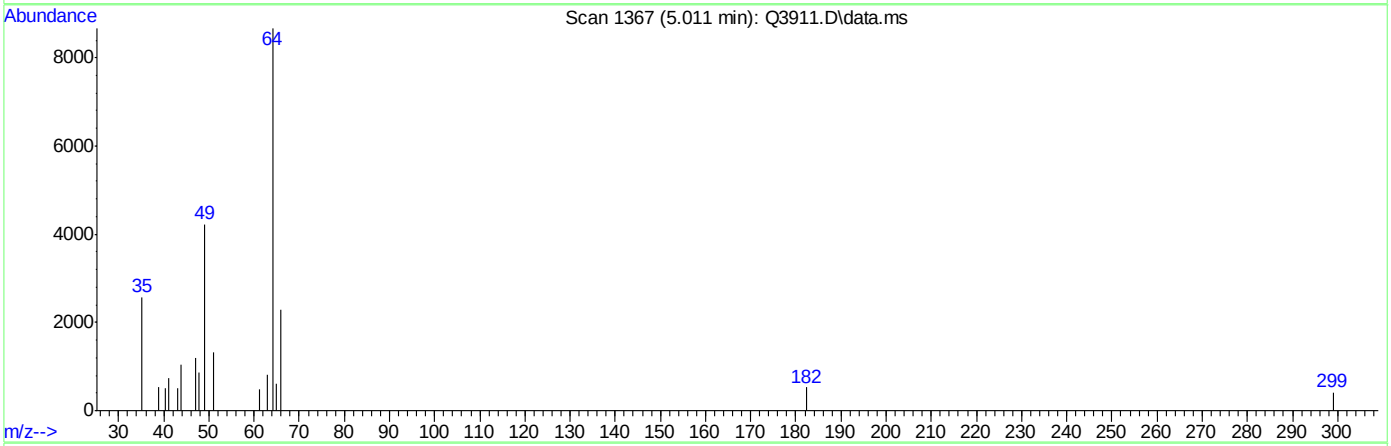
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	8.18#
49.00	36.50	21.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3911.D
Acq On : 5 Jul 2007 4:00 pm
Operator : PhilipB
Sample : IC210-2 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:50:01 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:49:58 2007
Response via : Initial Calibration





TIC: Q3911.D\data.ms

(9) CHLOROETHANE (m)

5.011min (+0.005) 2.00PPBV m

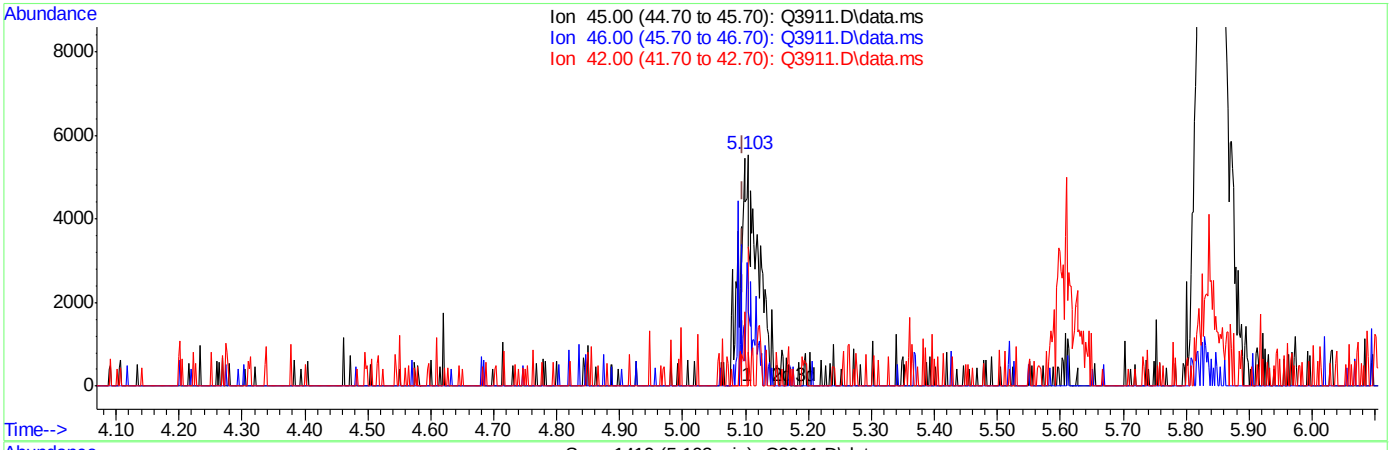
response 18217

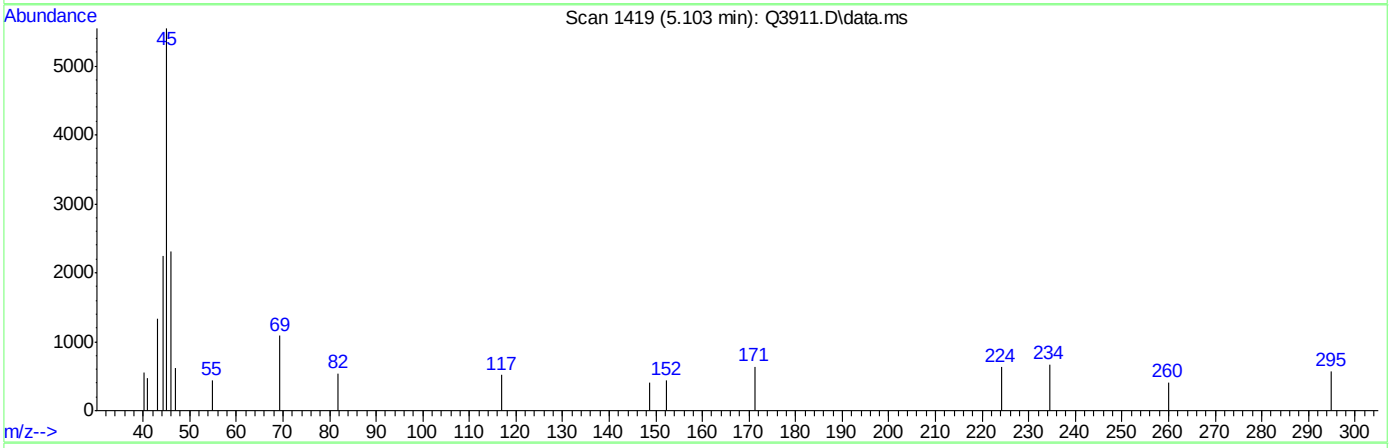
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	6.97#
49.00	36.50	18.13
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3911.D
Acq On : 5 Jul 2007 4:00 pm
Operator : PhilipB
Sample : IC210-2 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:50:01 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:49:58 2007
Response via : Initial Calibration





TIC: Q3911.D\data.ms

(16) ETHANOL (m)

5.103min (+0.007) 0.98PPBV

response 5632

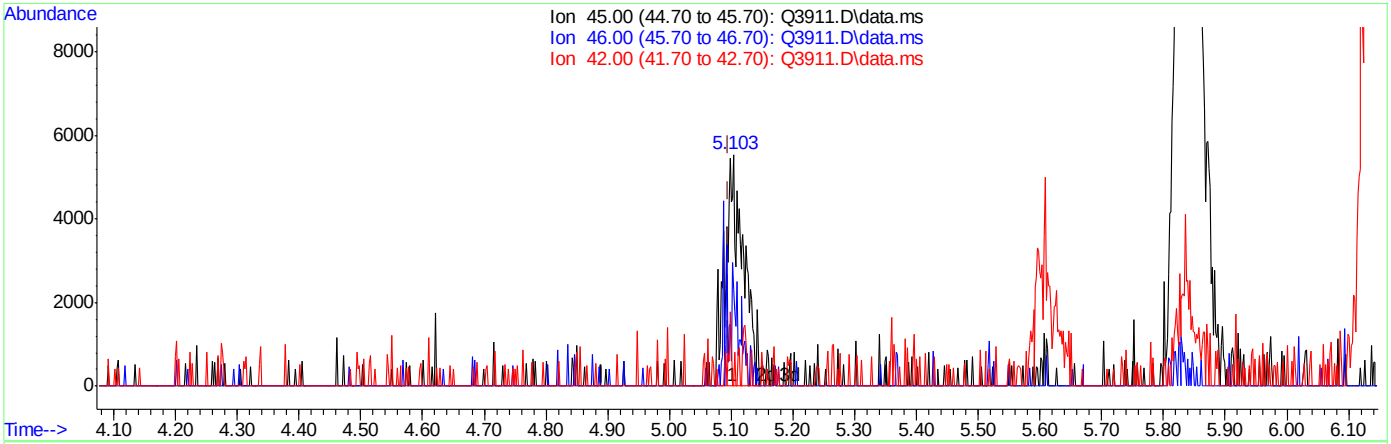
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	46.70
42.00	8.40	12.22
0.00	0.00	0.00

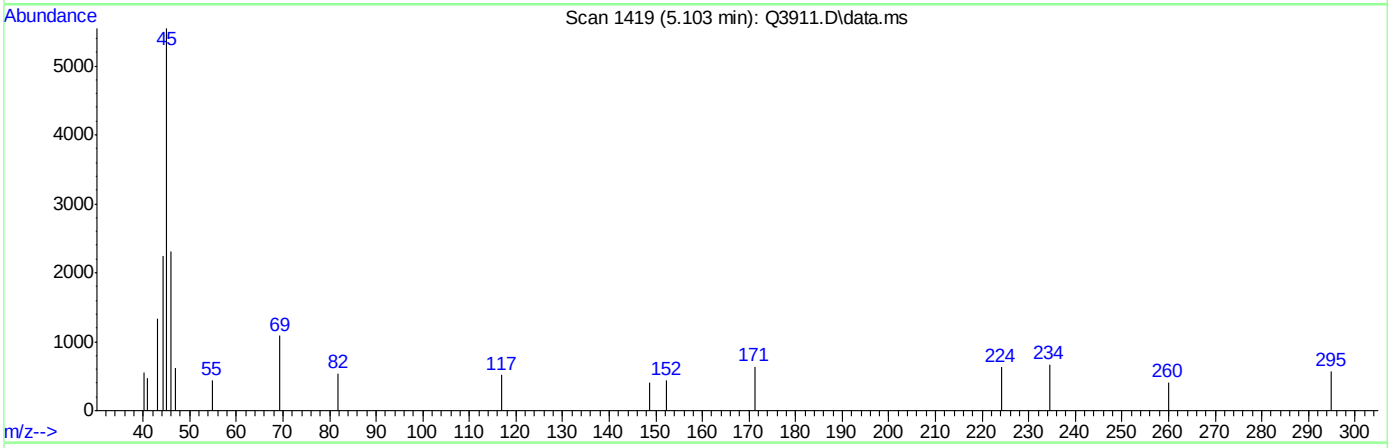
ACCUTEST Laboratories M66023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3911.D
Acq On : 5 Jul 2007 4:00 pm
Operator : PhilipB
Sample : IC210-2 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:50:01 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:49:58 2007
Response via : Initial Calibration





TIC: Q3911.D\data.ms

(16) ETHANOL (m)

5.103min (+0.007) 2.00PPBV m

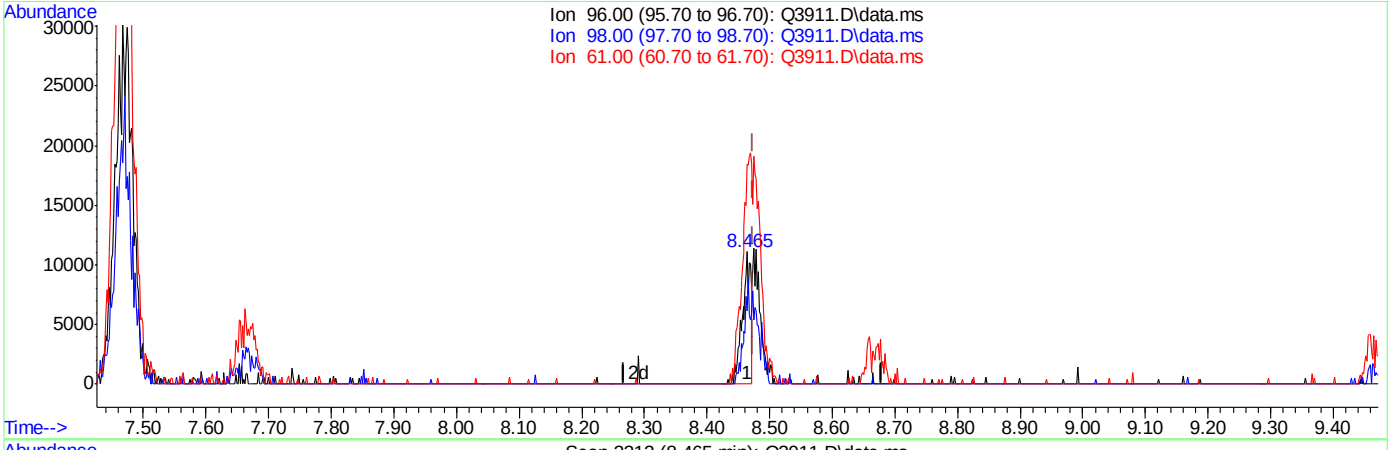
response 11449

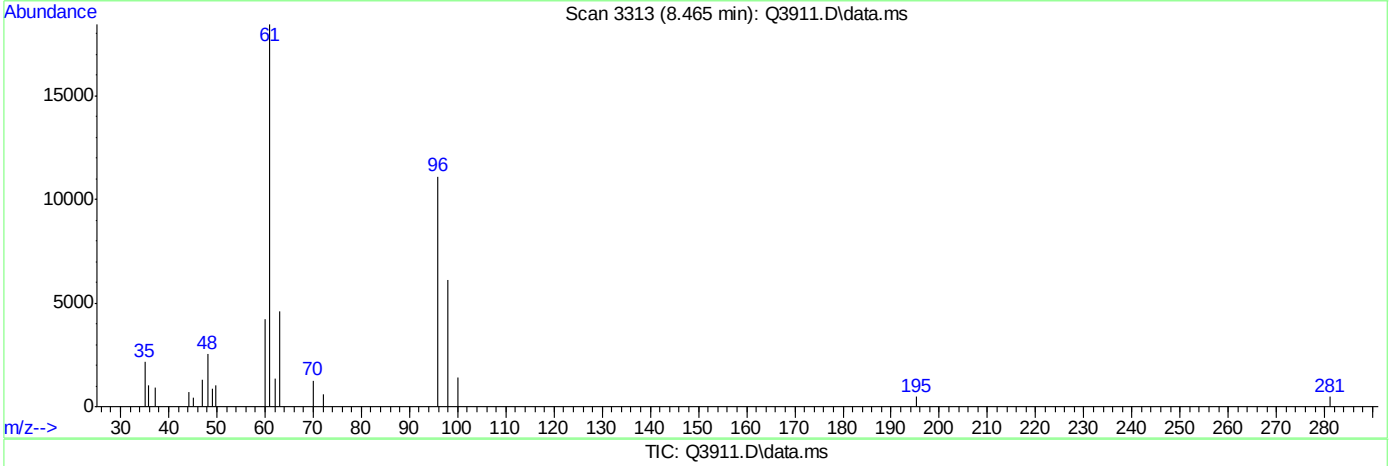
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	22.97
42.00	8.40	6.01
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3911.D
Acq On : 5 Jul 2007 4:00 pm
Operator : PhilipB
Sample : IC210-2 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:50:01 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:49:58 2007
Response via : Initial Calibration





TIC: Q3911.D\data.ms

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

8.465min (-0.009) 1.06PPBV

response 10933

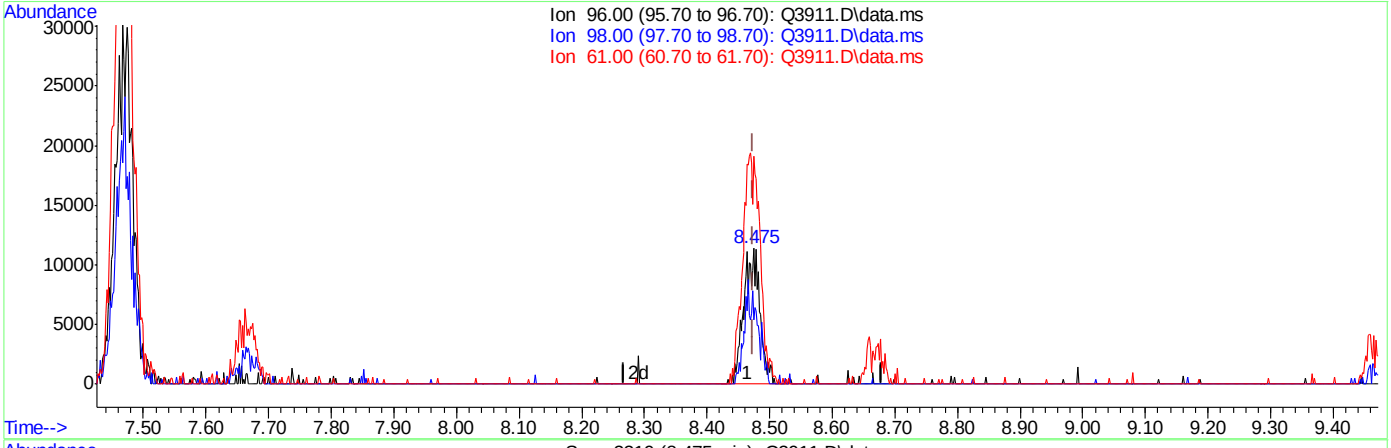
Ion	Exp%	Act%
96.00	100	100
98.00	63.40	118.05#
61.00	186.90	352.41#
0.00	0.00	0.00

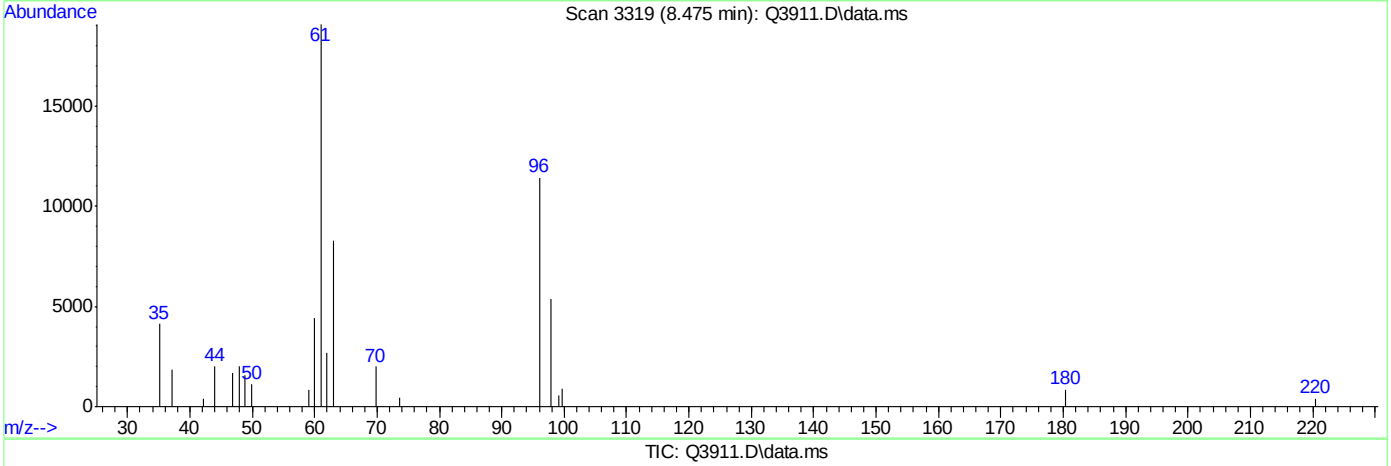
ACCUTEST Laboratories M66023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3911.D
Acq On : 5 Jul 2007 4:00 pm
Operator : PhilipB
Sample : IC210-2 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:50:01 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:49:58 2007
Response via : Initial Calibration





TIC: Q3911.D\data.ms

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

8.475min (+0.002) 2.00PPBV m

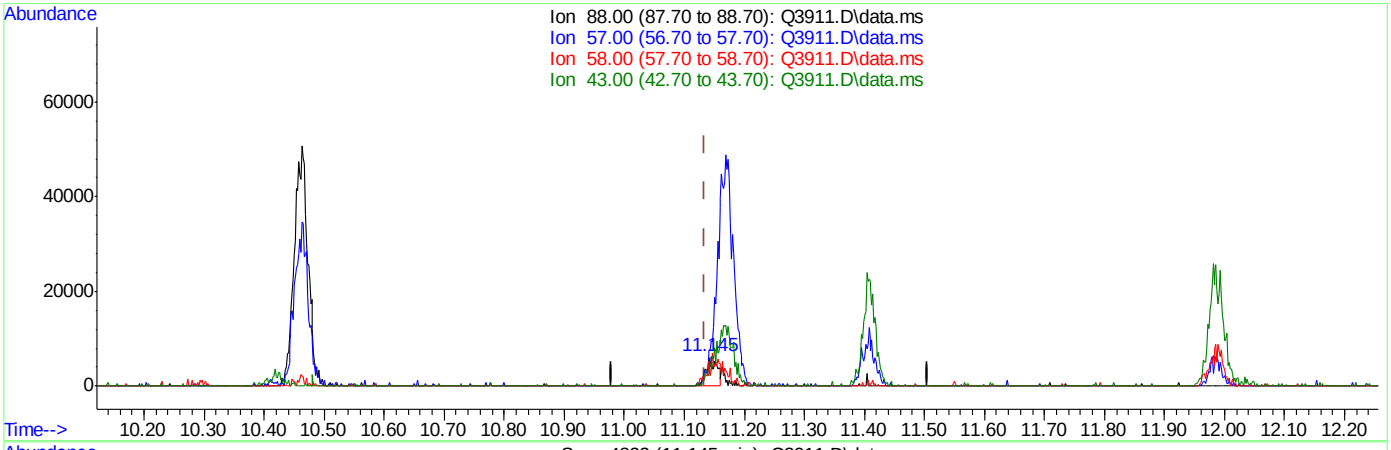
response 20709

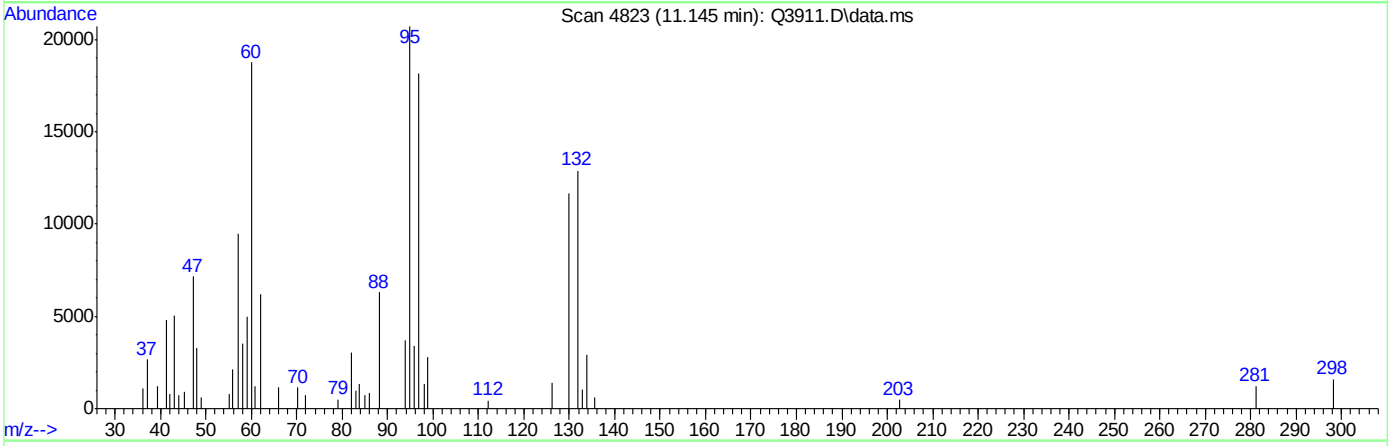
Ion	Exp%	Act%
96.00	100	100
98.00	63.40	62.32
61.00	186.90	186.05
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3911.D
Acq On : 5 Jul 2007 4:00 pm
Operator : PhilipB
Sample : IC210-2 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:50:01 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:49:58 2007
Response via : Initial Calibration





(42) 1,4-DIOXANE (m)

11.145min (+0.010) 1.56PPBV

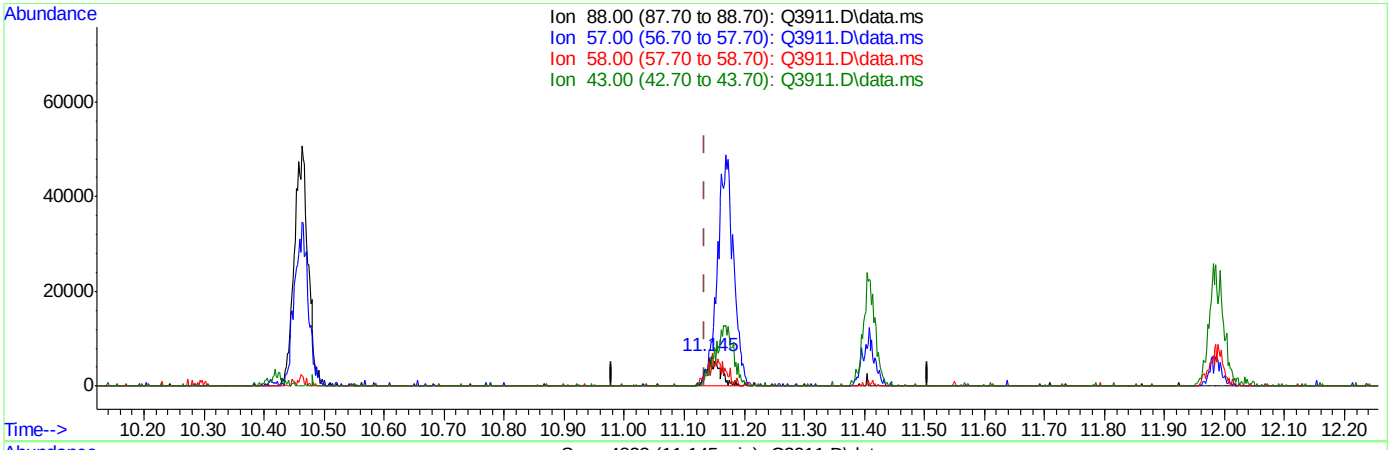
response 7480

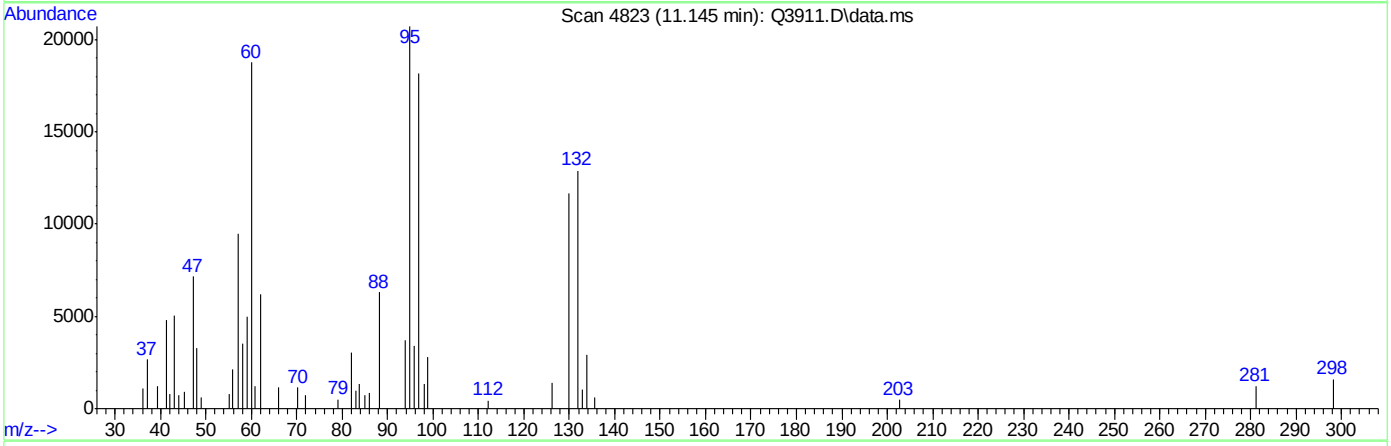
Ion	Exp%	Act%
88.00	100	100
57.00	45.40	149.88#
58.00	84.10	55.65#
43.00	40.20	79.70#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3911.D
Acq On : 5 Jul 2007 4:00 pm
Operator : PhilipB
Sample : IC210-2 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:50:01 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:49:58 2007
Response via : Initial Calibration





(42) 1,4-DIOXANE (m)

11.145min (+0.010) 2.00PPBV m

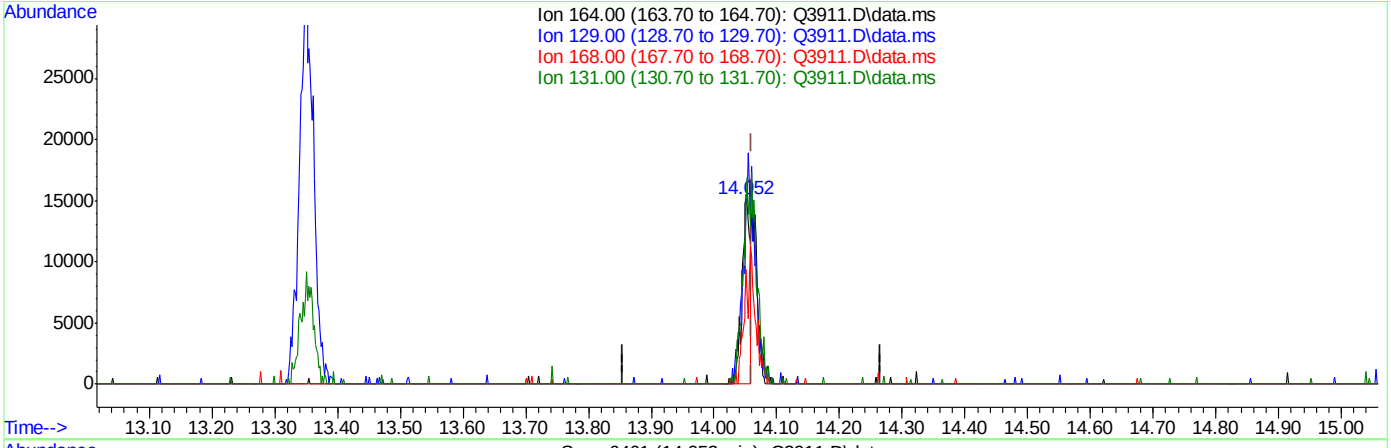
response 9595

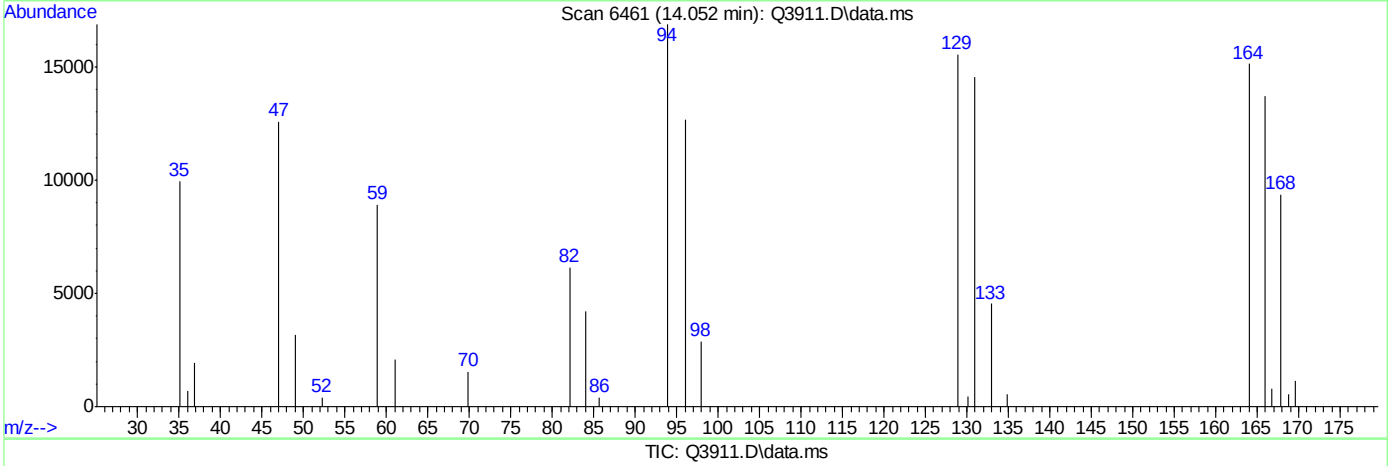
Ion	Exp%	Act%
88.00	100	100
57.00	45.40	149.88#
58.00	84.10	55.65#
43.00	40.20	79.70#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3911.D
Acq On : 5 Jul 2007 4:00 pm
Operator : PhilipB
Sample : IC210-2 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:50:01 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:49:58 2007
Response via : Initial Calibration





TIC: Q3911.D\data.ms

(51) TETRACHLOROETHYLENE (m)

14.052min (-0.009) 1.19PPBV

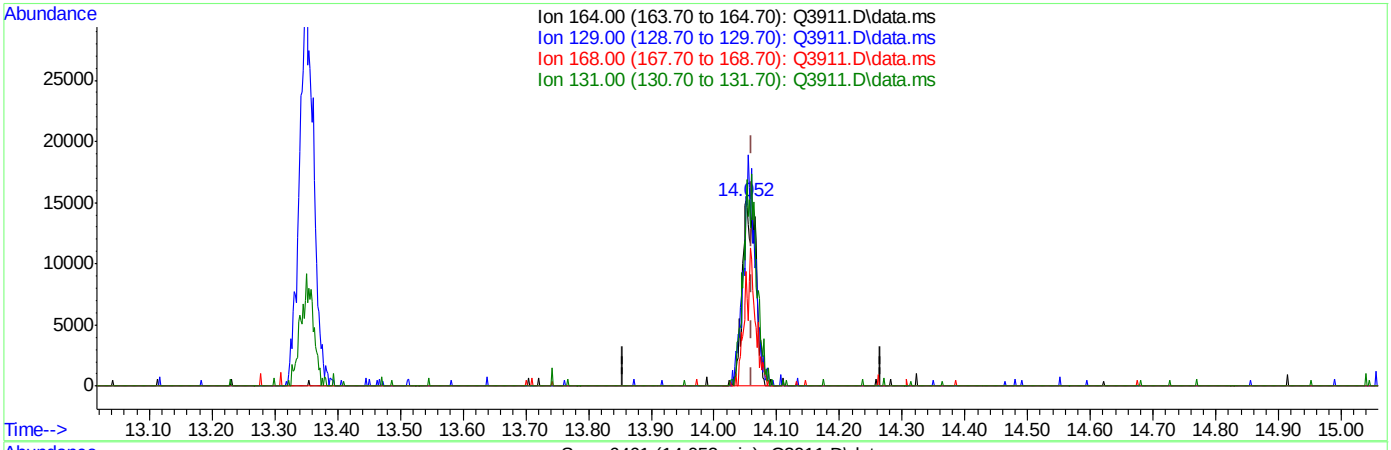
response 14044

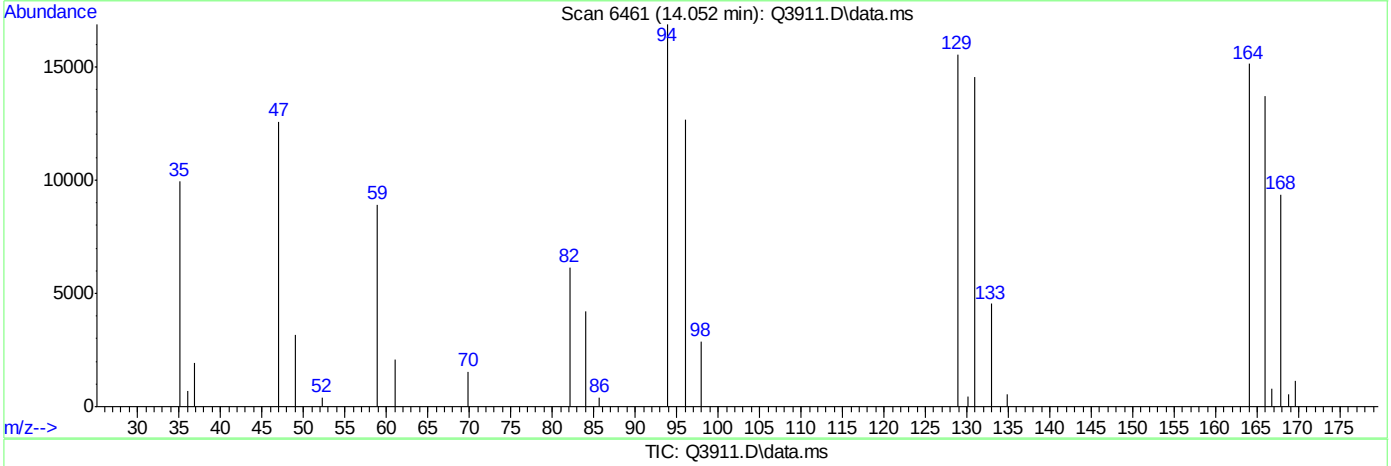
Ion	Exp%	Act%
164.00	100	100
129.00	107.30	177.78#
168.00	59.50	95.08#
131.00	108.30	186.14#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3911.D
Acq On : 5 Jul 2007 4:00 pm
Operator : PhilipB
Sample : IC210-2 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:50:01 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:49:58 2007
Response via : Initial Calibration





TIC: Q3911.D\data.ms

(51) TETRACHLOROETHYLENE (m)

14.052min (-0.009) 2.00PPBV m

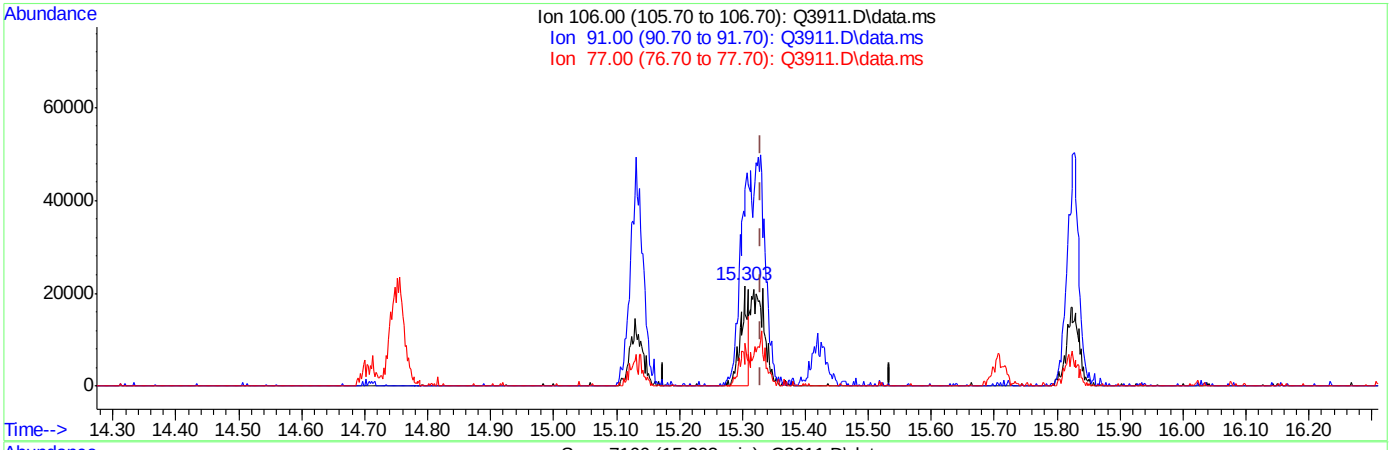
response 23608

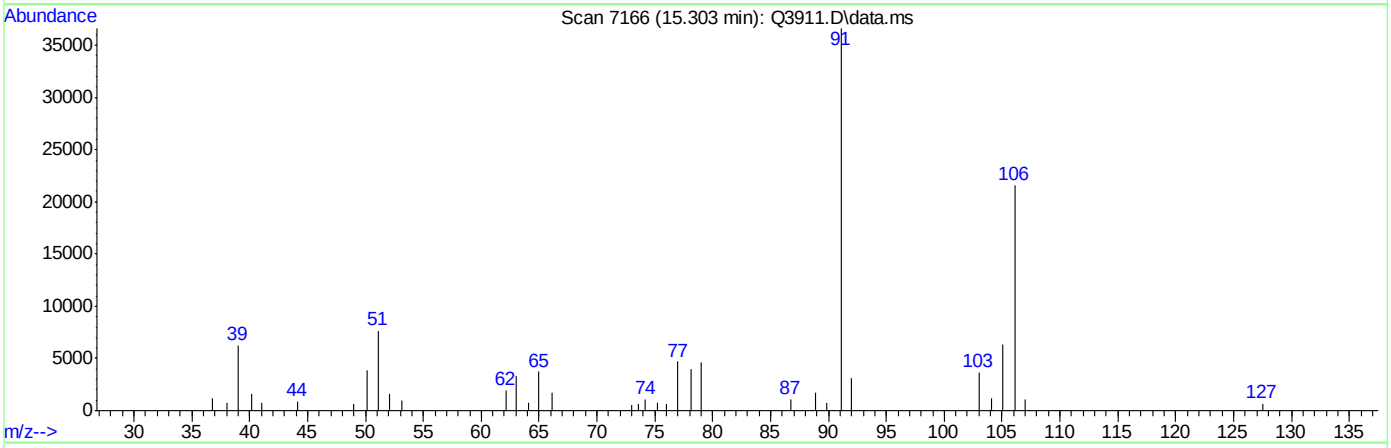
Ion	Exp%	Act%
164.00	100	100
129.00	107.30	105.76
168.00	59.50	56.56
131.00	108.30	110.73

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3911.D
Acq On : 5 Jul 2007 4:00 pm
Operator : PhilipB
Sample : IC210-2 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:50:01 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:49:58 2007
Response via : Initial Calibration





TIC: Q3911.D\data.ms

(56) m,p-XYLENE (m)

15.303min (-0.026) 1.47PPBV

response 18857

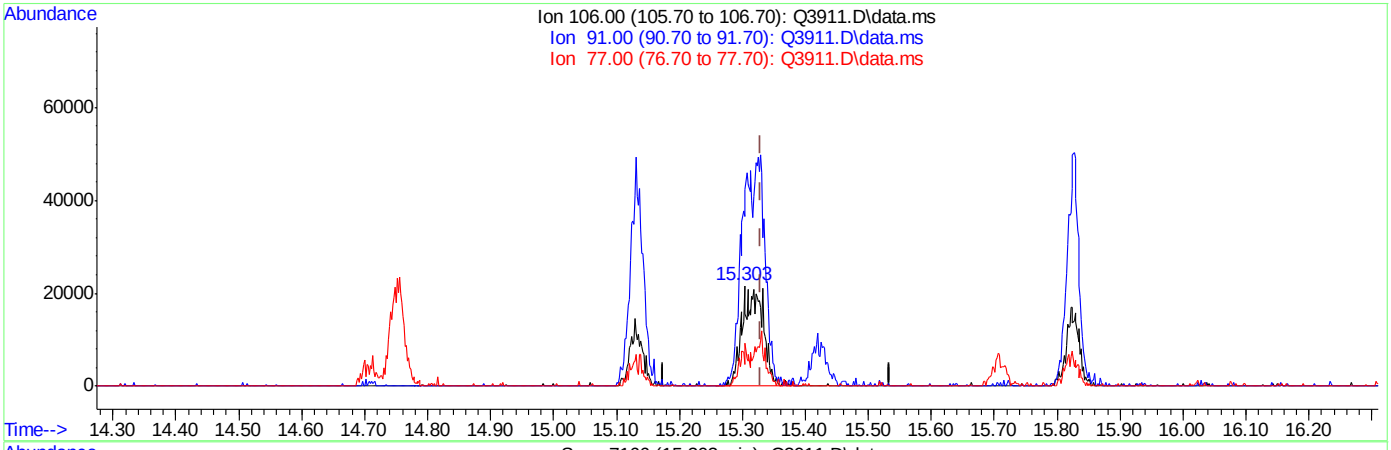
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	169.21
77.00	27.30	21.66#
0.00	0.00	0.00

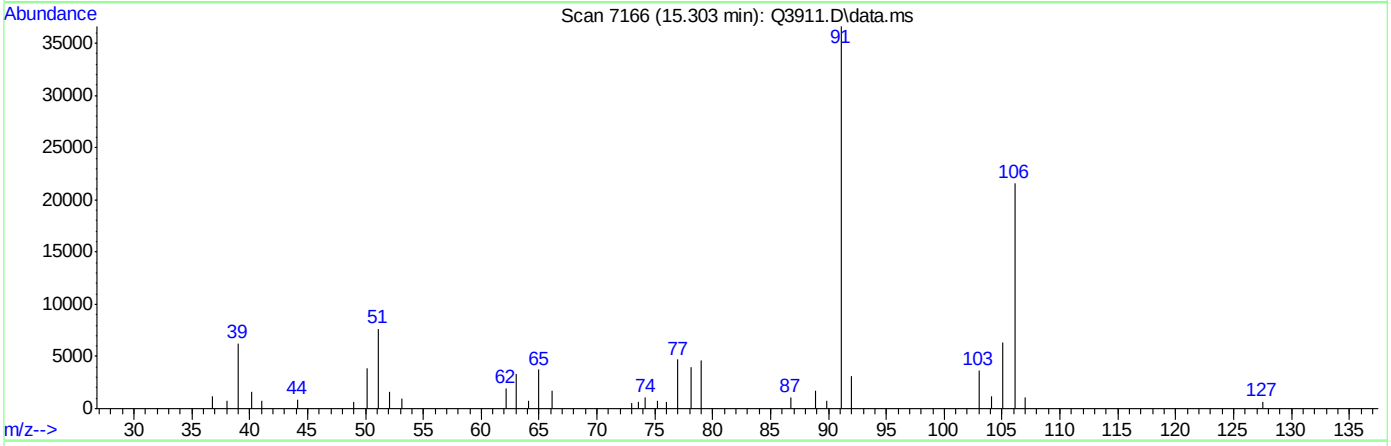
ACCUTEST Laboratories M66023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3911.D
Acq On : 5 Jul 2007 4:00 pm
Operator : PhilipB
Sample : IC210-2 (M207)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:50:01 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:49:58 2007
Response via : Initial Calibration





TIC: Q3911.D\data.ms

(56) m,p-XYLENE (m)

15.303min (-0.026) 4.00PPBV m

response 51150

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	169.21
77.00	27.30	21.66#
0.00	0.00	0.00

ACCUTEST Laboratories M66023

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 07/11/07 12:09

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:17:56 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	86728	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.460	114	393881	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.708	117	315880	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.329	95	133189	5.00	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery	=	100.00%	
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.033	85	44418	0.50	PPBV #	62
3) PROPYLENE	3.955	41	5257	0.50	PPBV #	71
4) FREON 114	4.296	85	37095	0.50	PPBV #	34
5) CHLOROMETHANE	4.200	50	8504m	0.50	PPBV	
6) VINYL CHLORIDE	4.417	62	8796	0.46	PPBV #	52
7) 1,3-BUTADIENE	4.555	39	9478m	0.50	PPBV	
8) BROMOMETHANE	4.827	94	12678m	0.50	PPBV	
9) CHLOROETHANE	4.999	64	4690m	0.51	PPBV	
10) TRICHLOROFLUOROMETHANE	5.781	101	55032	0.50	PPBV	97
11) ISOPROPYL ALCOHOL	5.851	45	20668m	0.51	PPBV	
12) ACETONE	5.620	43	19970	0.50	PPBV	76
13) PENTANE	6.131	42	12778m	0.50	PPBV	
14) 1,1-DICHLOROETHYLENE	6.424	96	11631	0.50	PPBV	92
15) CARBON DISULFIDE	6.857	76	40000	0.50	PPBV	87
16) ETHANOL	5.109	45	3764m	0.50	PPBV	
17) BROMOETHENE	5.368	106	11543m	0.50	PPBV	
18) METHYLENE CHLORIDE	6.534	84	20027	0.50	PPBV #	77
19) 3-CHLOROPROPENE	6.660	39	11372	0.50	PPBV #	44
20) FREON 113	6.805	151	24313	0.50	PPBV #	55
21) TRANS-1,2-DICHLOROETHY...	7.475	96	12905	0.50	PPBV	89
22) TERTIARY BUTYL ALCOHOL	6.461	59	18338m	0.49	PPBV	
23) METHYL TERTIARY BUTYL ...	7.721	73	20070m	0.50	PPBV	
24) TETRAHYDROFURAN	9.153	42	2948m	0.50	PPBV	
25) HEXANE	8.658	57	7612m	0.50	PPBV	
26) VINYL ACETATE	7.792	43	17134	0.50	PPBV	72
27) 1,1-DICHLOROETHANE	7.666	63	22295	0.50	PPBV	86
28) METHYL ETHYL KETONE	8.055	43	9741m	0.50	PPBV	
29) cis-1,2-DICHLOROETHYLENE	8.472	96	4081m	0.50	PPBV	
30) ETHYL ACETATE	8.678	43	15450m	0.50	PPBV	
31) CHLOROFORM	8.752	83	18492m	0.50	PPBV	
32) 1,1,1-TRICHLOROETHANE	9.714	97	18273	0.50	PPBV	93
33) CARBON TETRACHLORIDE	10.291	117	23102	0.50	PPBV	90
34) 1,2-DICHLOROETHANE	9.466	62	10298	0.50	PPBV	78
36) BENZENE	10.146	78	9934	0.50	PPBV	70
37) CYCLOHEXANE	10.419	84	4498m	0.50	PPBV	
38) TRICHLOROETHYLENE	11.154	95	7254m	0.49	PPBV	
39) 1,2-DICHLOROPROPANE	10.926	63	4174m	0.50	PPBV	
40) BROMODICHLOROMETHANE	11.106	83	14472	0.50	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.175	57	15543	0.50	PPBV	83
42) 1,4-DIOXANE	11.161	88	1576m	0.50	PPBV	
43) HEPTANE	11.407	43	5975m	0.50	PPBV	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:17:56 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration

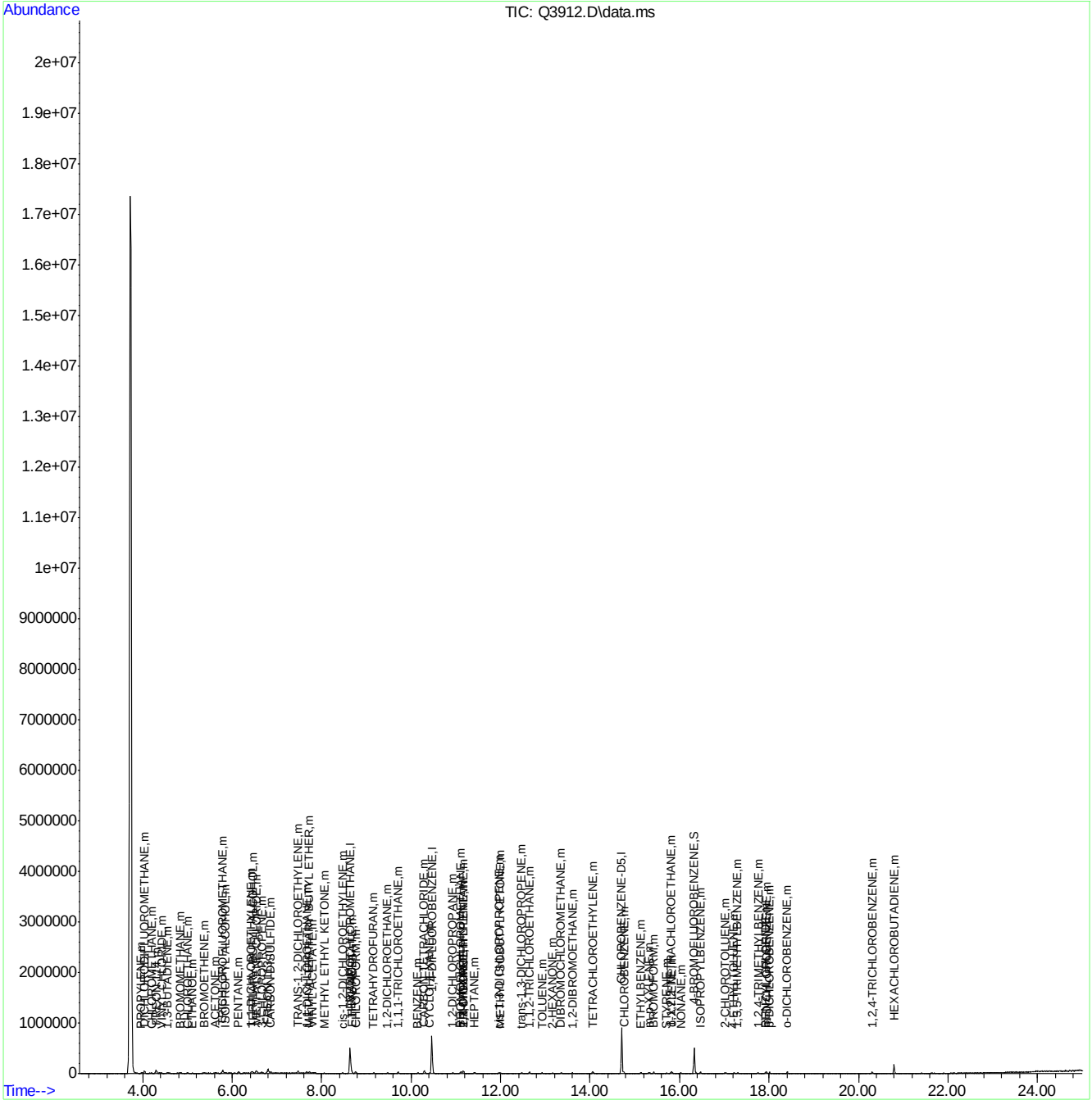
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.002	43	7449m	0.50	PPBV	
45) cis-1,3-DICHLOROPROPENE	11.958	75	4416m	0.50	PPBV	
46) TOLUENE	12.925	92	5164	0.50	PPBV #	79
47) trans-1,3-DICHLOROPROPENE	12.465	75	4884m	0.50	PPBV	
48) 1,1,2-TRICHLOROETHANE	12.644	83	4595m	0.50	PPBV	
50) 2-HEXANONE	13.156	43	6357m	0.53	PPBV	
51) TETRACHLOROETHYLENE	14.052	164	4020	0.50	PPBV #	11
52) DIBROMOCHLOROMETHANE	13.345	129	9070	0.50	PPBV #	71
53) 1,2-DIBROMOETHANE	13.599	107	6901	0.50	PPBV #	95
54) CHLOROBENZENE	14.749	112	8481	0.50	PPBV #	65
55) ETHYLBENZENE	15.122	91	8954	0.50	PPBV #	89
56) m,p-XYLENE	15.308	106	6857m	1.00	PPBV	
57) o-XYLENE	15.821	106	3293m	0.50	PPBV	
58) STYRENE	15.708	104	3718m	0.50	PPBV	
59) NONANE	16.025	43	5490	0.50	PPBV #	90
60) BROMOFORM	15.422	173	7127	0.50	PPBV	91
62) 1,1,2,2-TETRACHLOROETHANE	15.811	83	12149	0.50	PPBV	98
63) ISOPROPYLBENZENE	16.473	105	10996	0.50	PPBV	100
64) 2-CHLOROTOLUENE	17.026	91	8718m	0.51	PPBV	
65) 4-ETHYLTOLUENE	17.206	105	7757m	0.50	PPBV	
66) 1,3,5-TRIMETHYLBENZENE	17.293	105	9161	0.50	PPBV #	41
67) 1,2,4-TRIMETHYLBENZENE	17.758	105	7726	0.50	PPBV	94
68) m-DICHLOROBENZENE	17.949	146	7046	0.50	PPBV	95
69) BENZYL CHLORIDE	17.926	91	6938	0.50	PPBV	86
70) p-DICHLOROBENZENE	18.013	146	6612	0.50	PPBV	89
71) o-DICHLOROBENZENE	18.404	146	7439	0.50	PPBV #	75
72) HEXACHLOROBUTADIENE	20.794	225	15376	0.50	PPBV	94
73) 1,2,4-TRICHLOROBENZENE	20.304	180	6043m	0.50	PPBV	

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

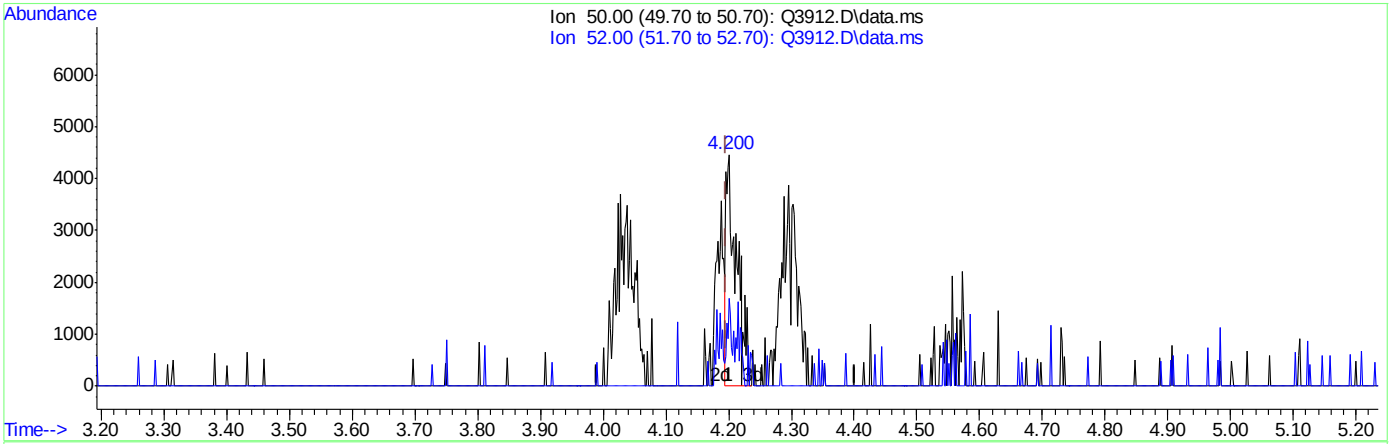
Quant Time: Jul 05 17:17:56 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration

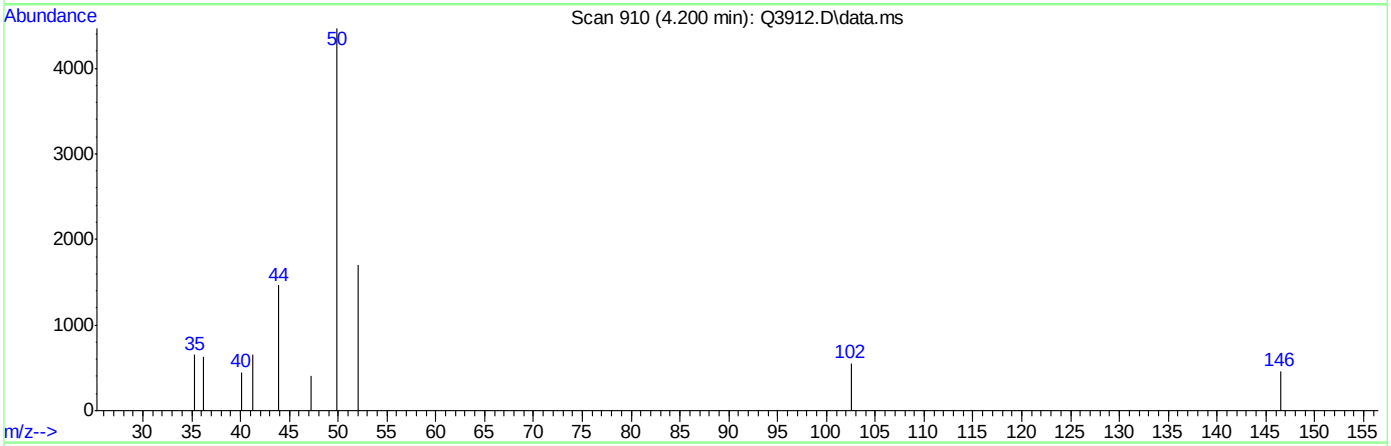


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(5) CHLOROMETHANE (m)

4.200min (+0.004) 0.31PPBV

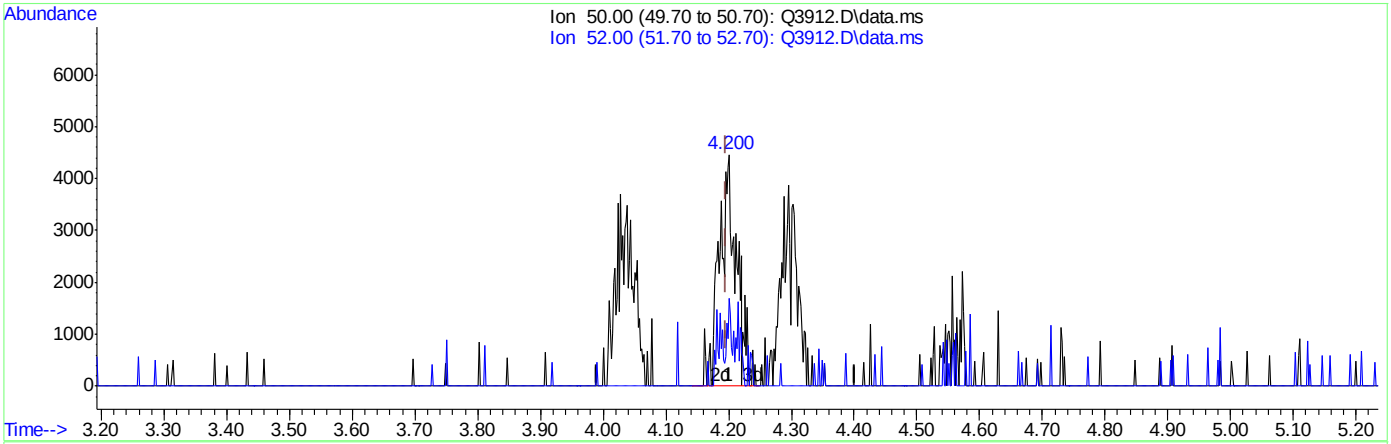
response 5304

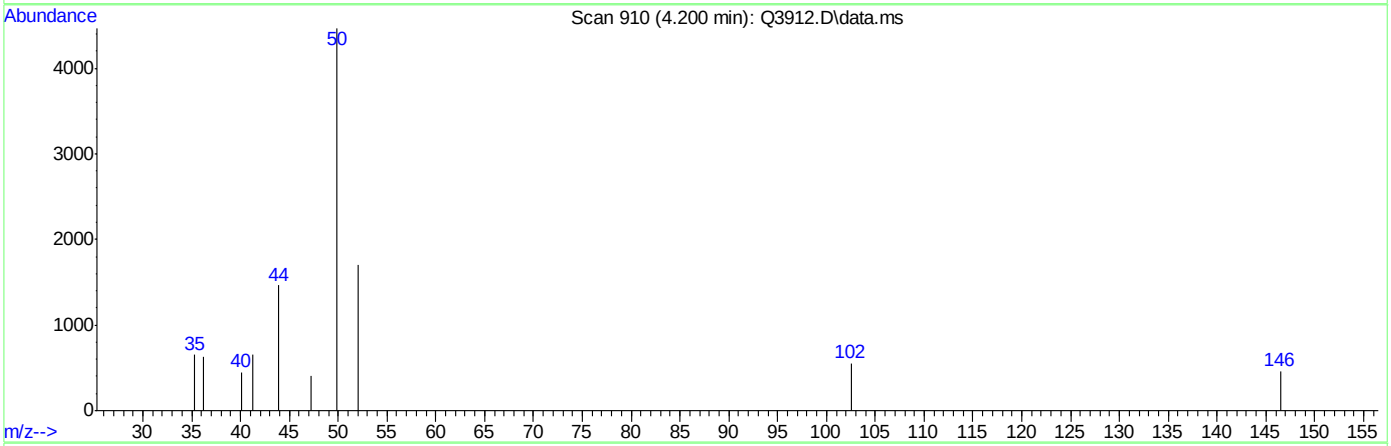
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	33.99
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(5) CHLOROMETHANE (m)

4.200min (+0.004) 0.50PPBV m

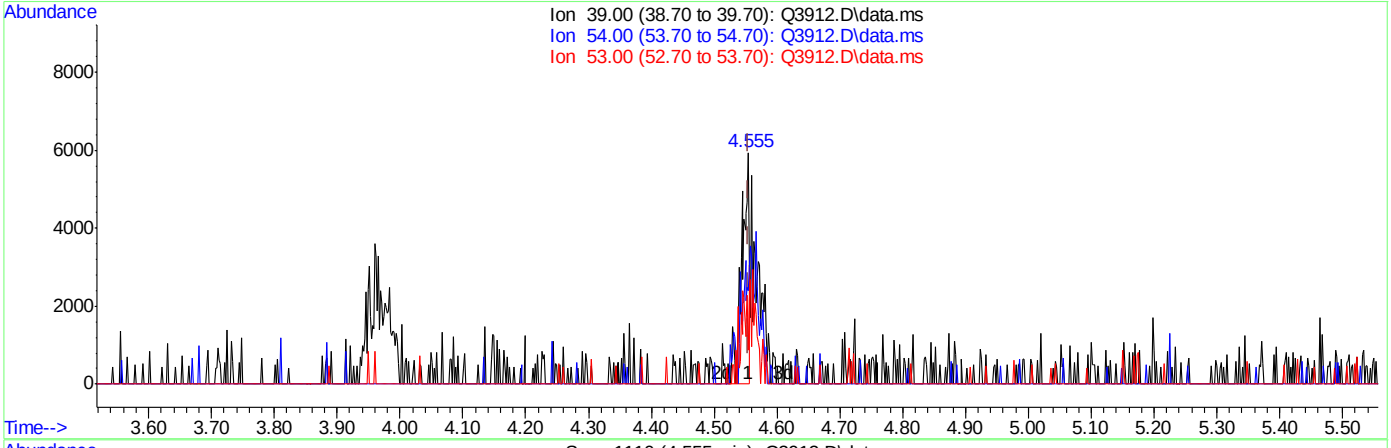
response 8504

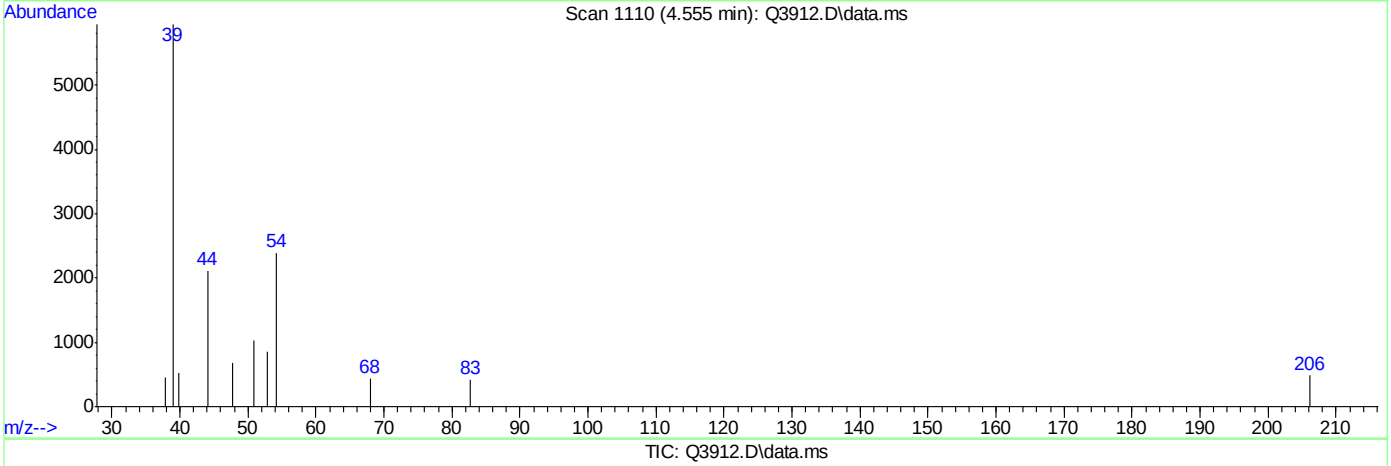
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	38.05
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(7) 1,3-BUTADIENE (m)

4.555min (-0.001) 0.27PPBV

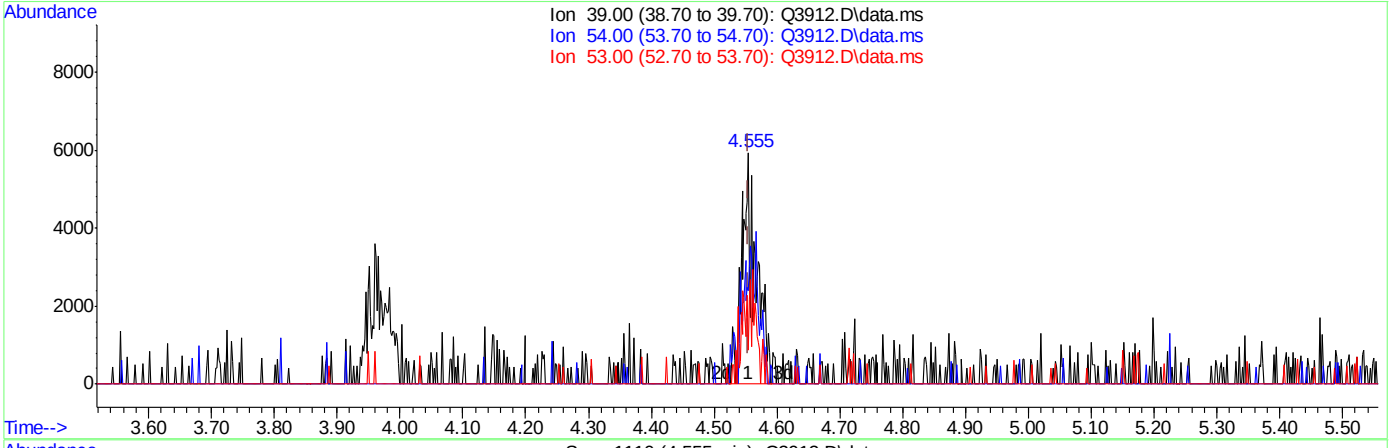
response 5129

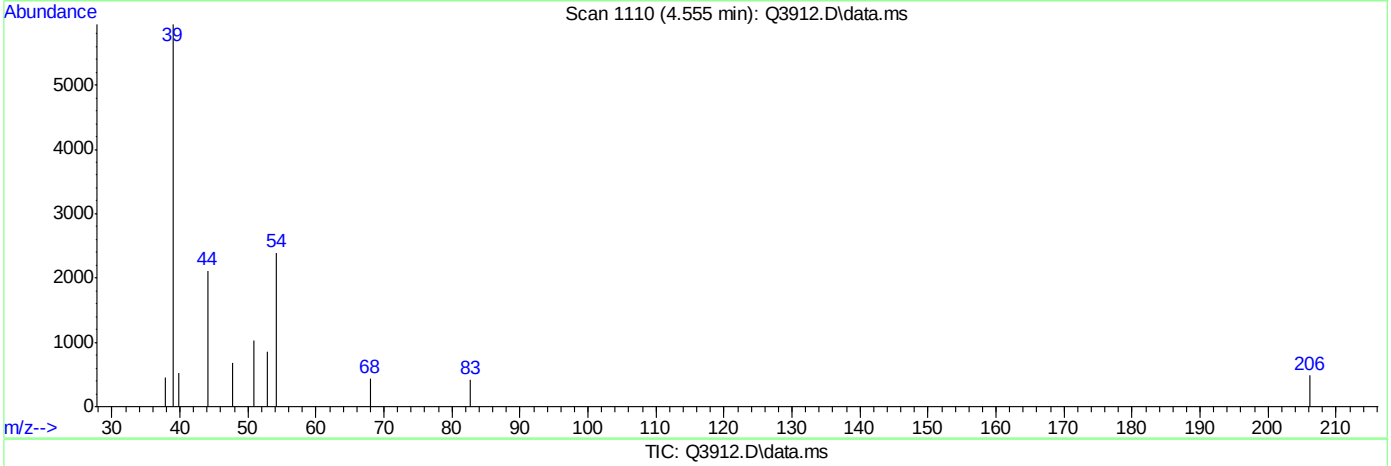
Ion	Exp%	Act%
39.00	100	100
54.00	111.20	0.00#
53.00	75.80	24.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(7) 1,3-BUTADIENE (m)

4.555min (-0.001) 0.50PPBV m

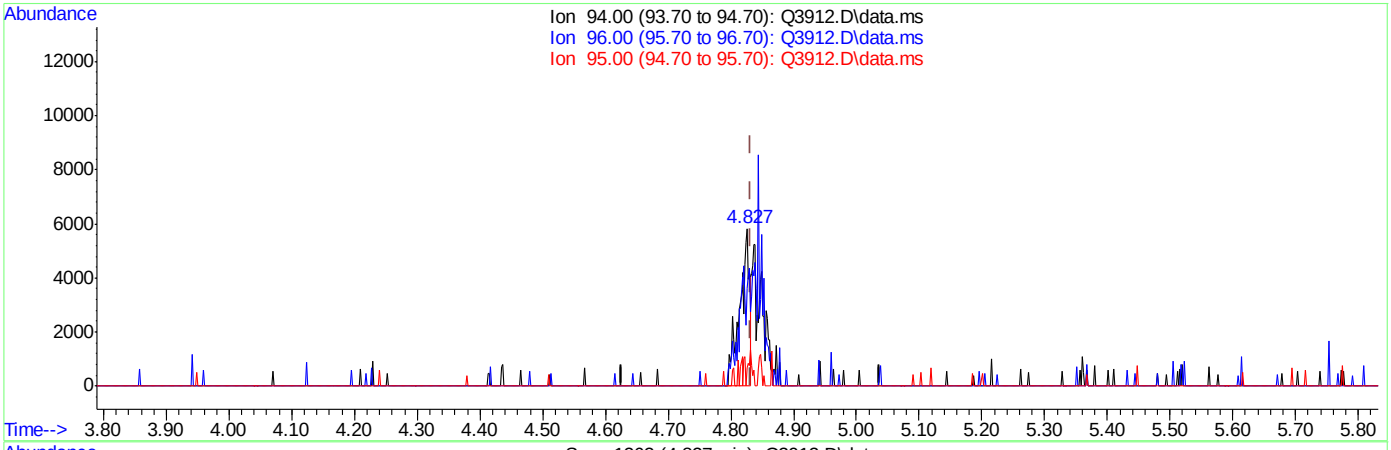
response 9478

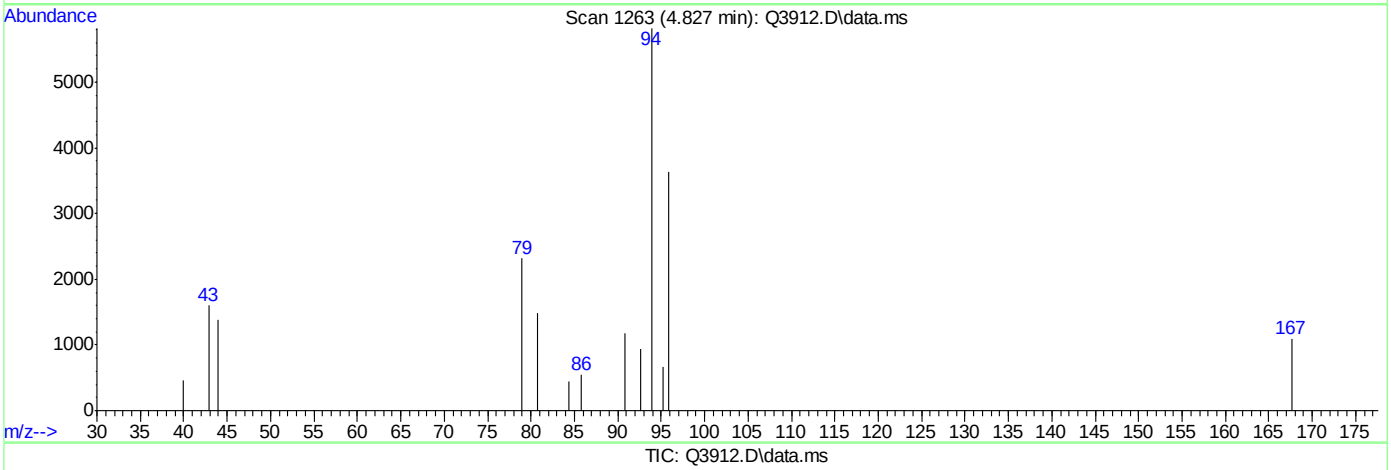
Ion	Exp%	Act%
39.00	100	100
54.00	111.20	0.00#
53.00	75.80	13.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(8) BROMOMETHANE (m)

4.827min (-0.005) 0.26PPBV

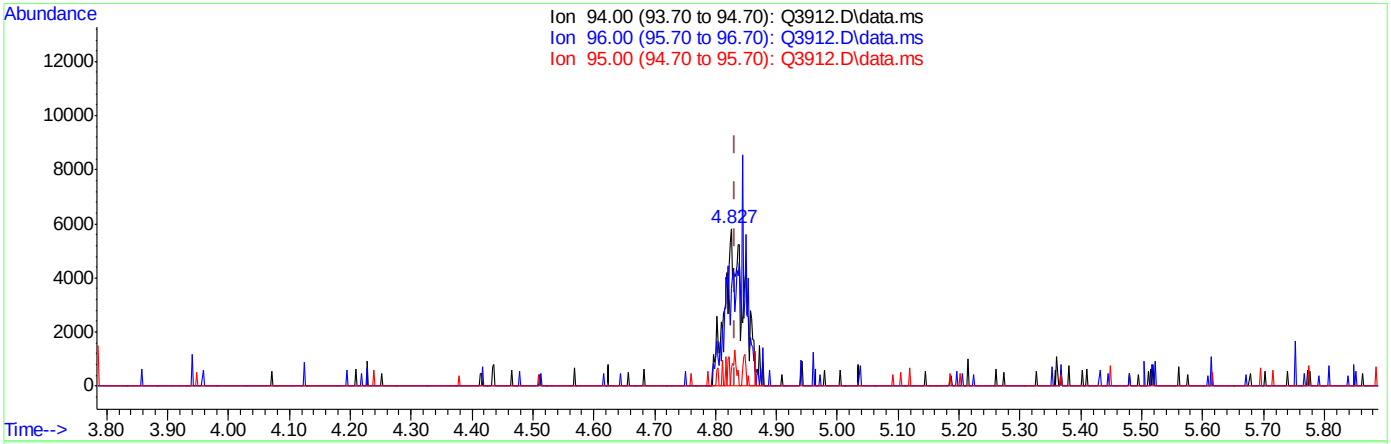
response 6554

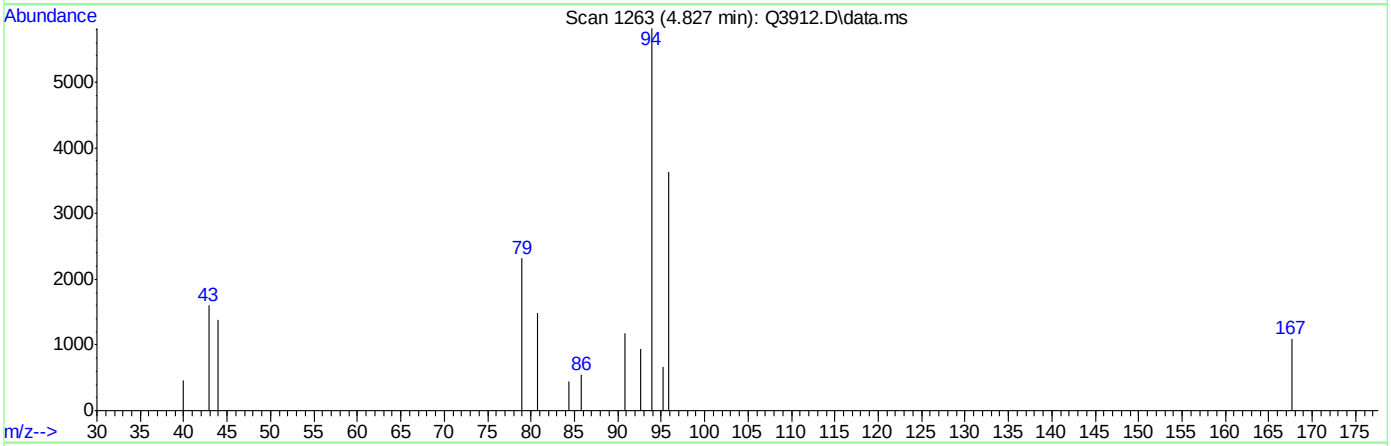
Ion	Exp%	Act%
94.00	100	100
96.00	93.00	58.56#
95.00	13.50	7.87
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(8) BROMOMETHANE (m)

4.827min (-0.005) 0.50PPBV m

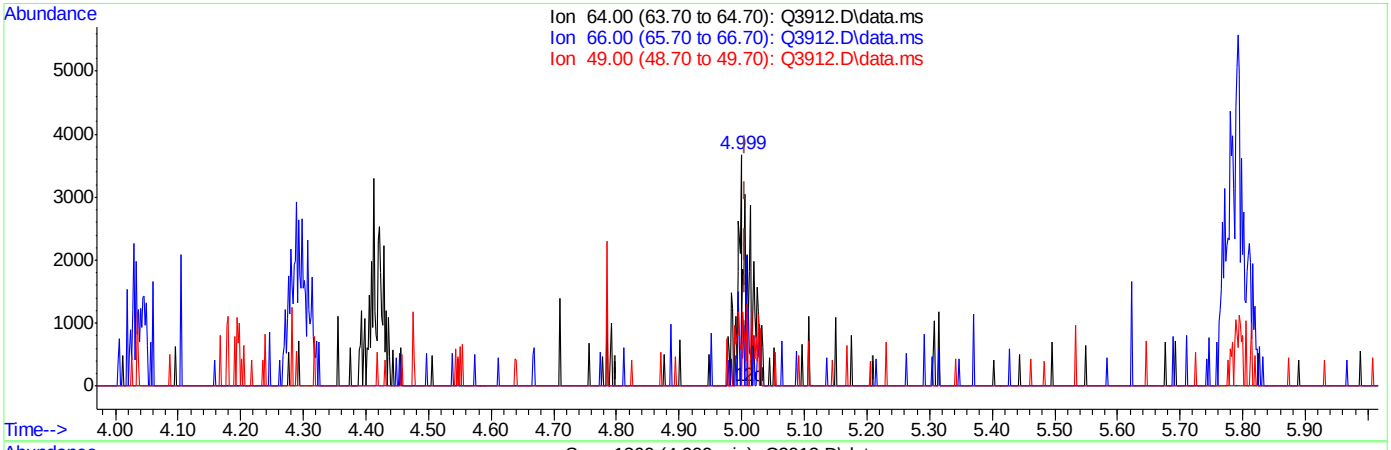
response 12678

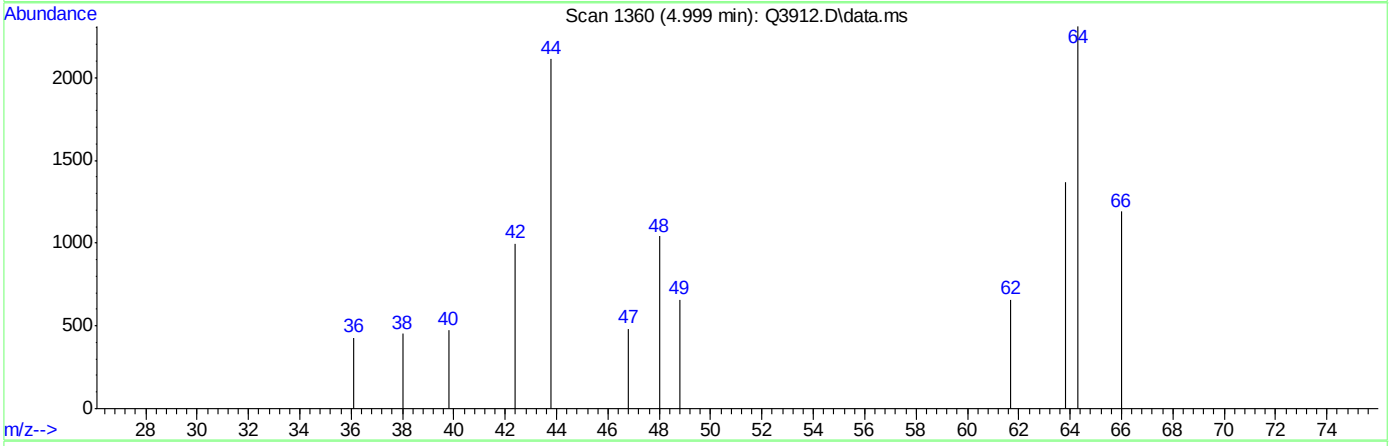
Ion	Exp%	Act%
94.00	100	100
96.00	93.00	30.27#
95.00	13.50	4.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(9) CHLOROETHANE (m)

4.999min (-0.007) 0.38PPBV

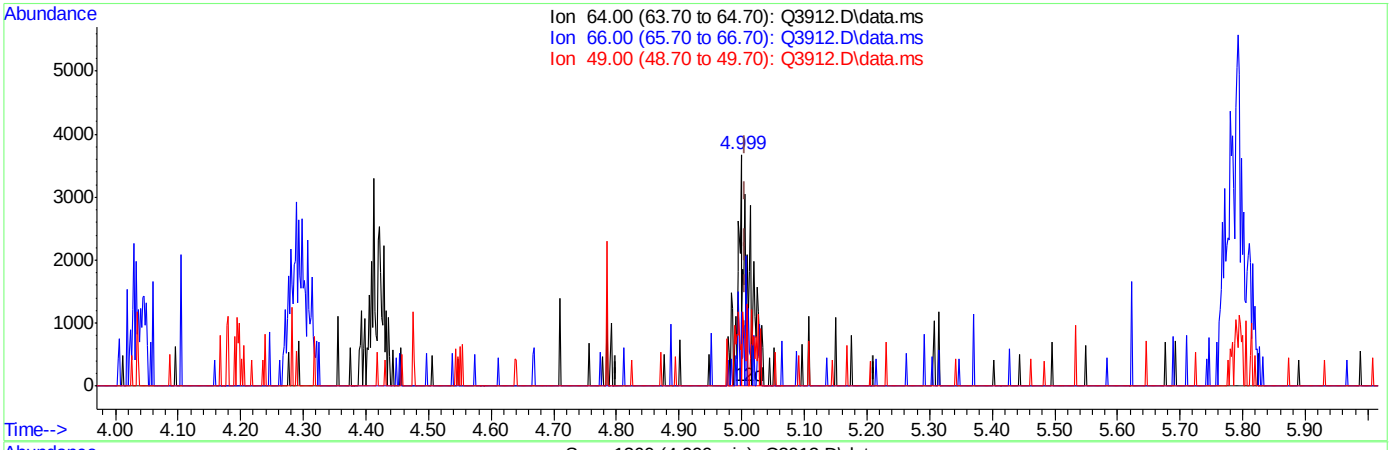
response 3496

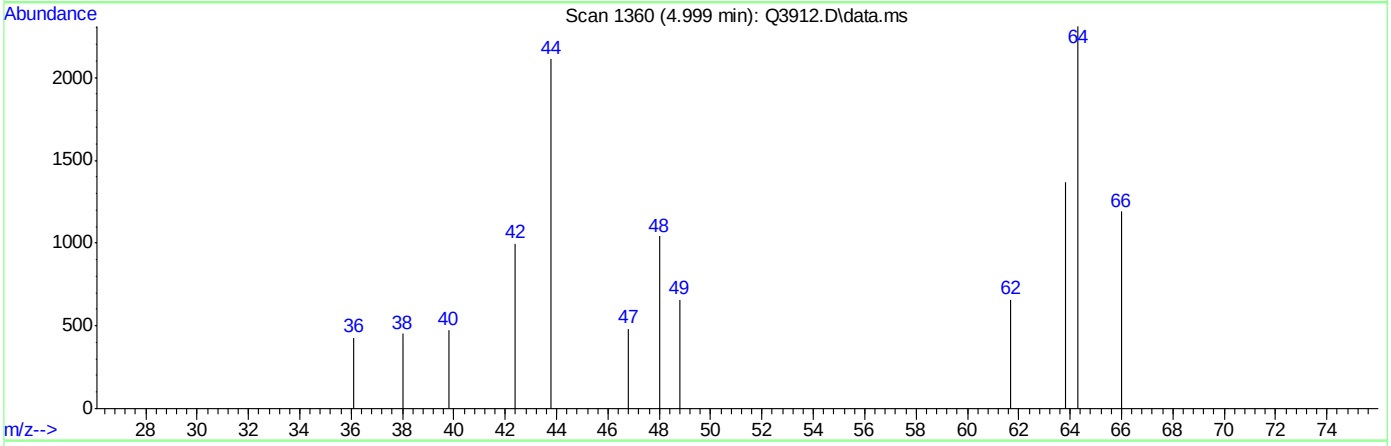
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	18.99
49.00	36.50	18.59
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(9) CHLOROETHANE (m)

4.999min (-0.007) 0.51PPBV m

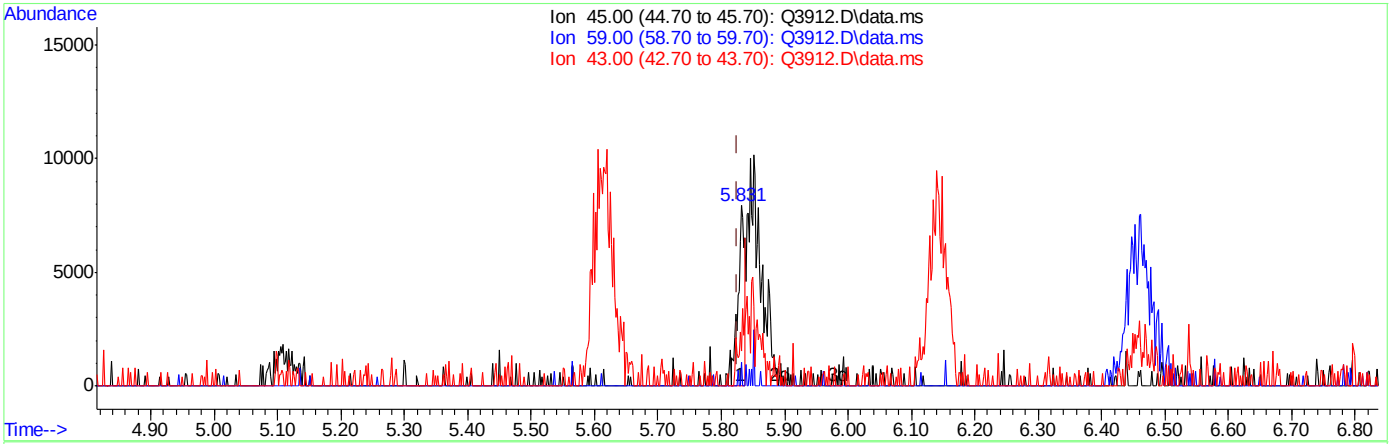
response 4690

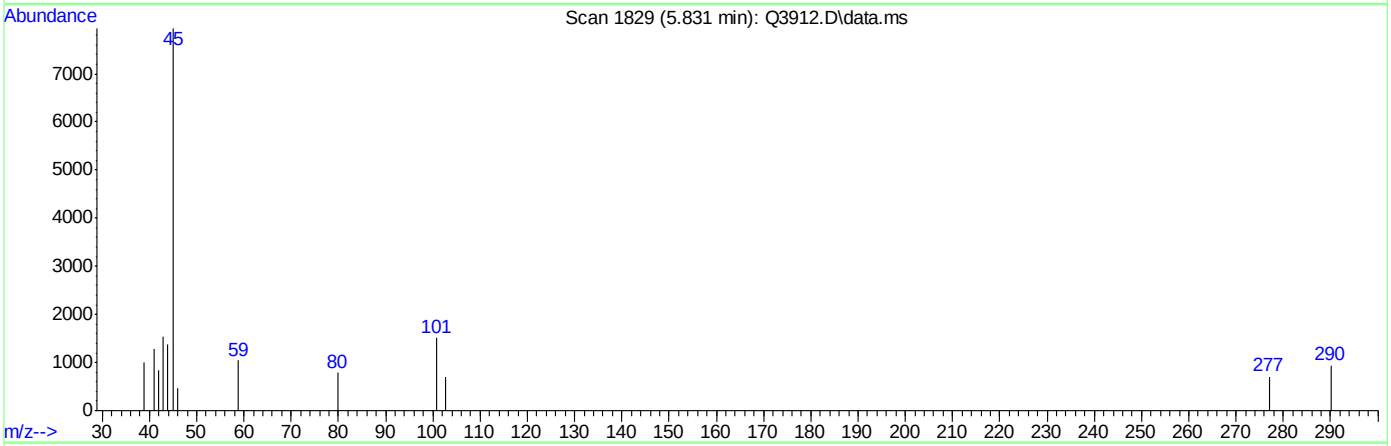
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	14.16
49.00	36.50	13.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.831min (+0.006) 0.14PPBV

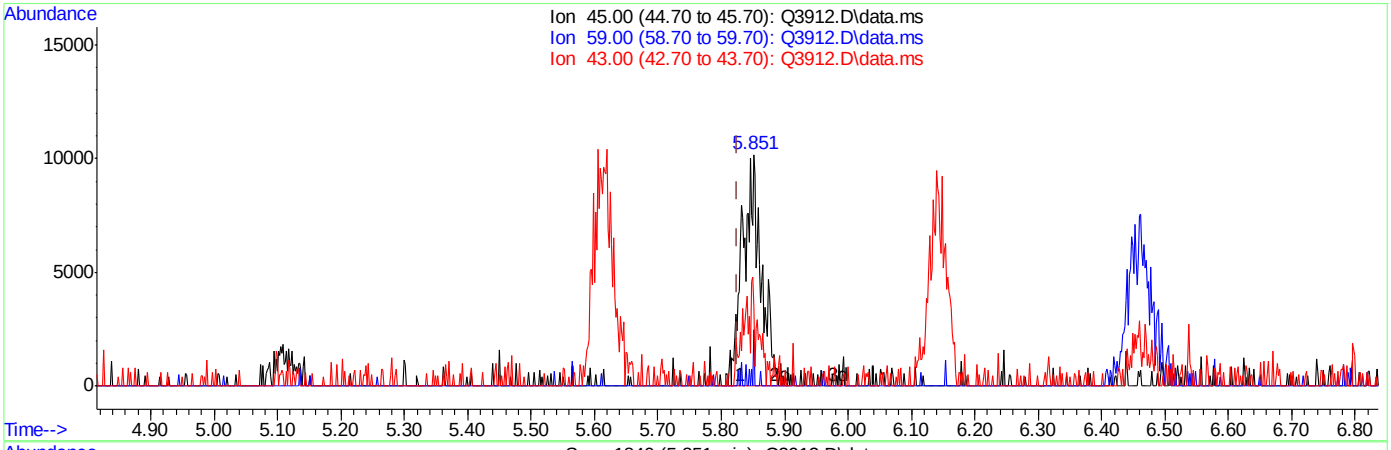
response 5594

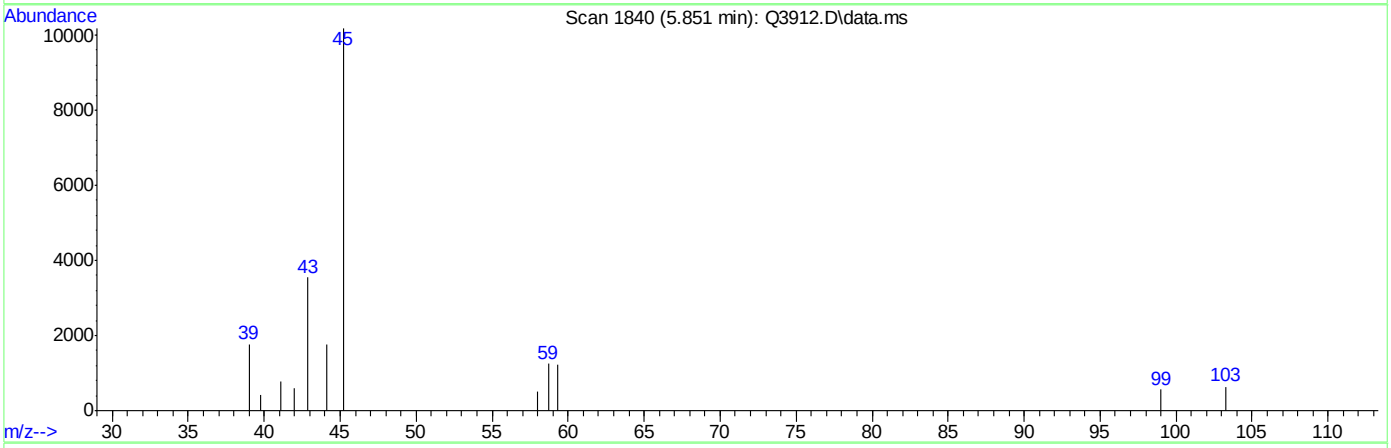
Ion	Exp%	Act%
45.00	100	100
59.00	3.70	13.09
43.00	19.70	19.41
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.851min (+0.026) 0.51PPBV m

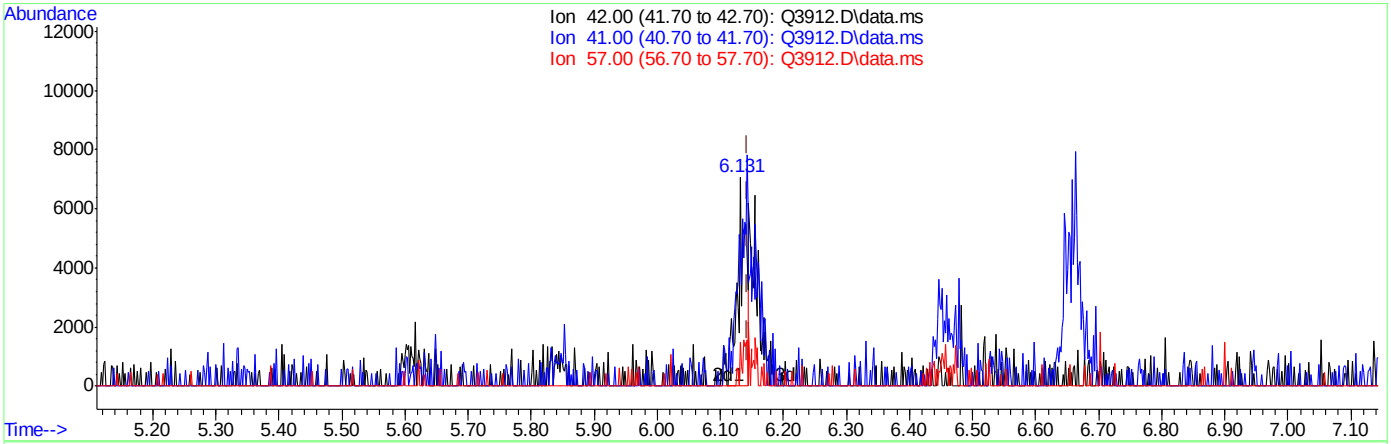
response 20668

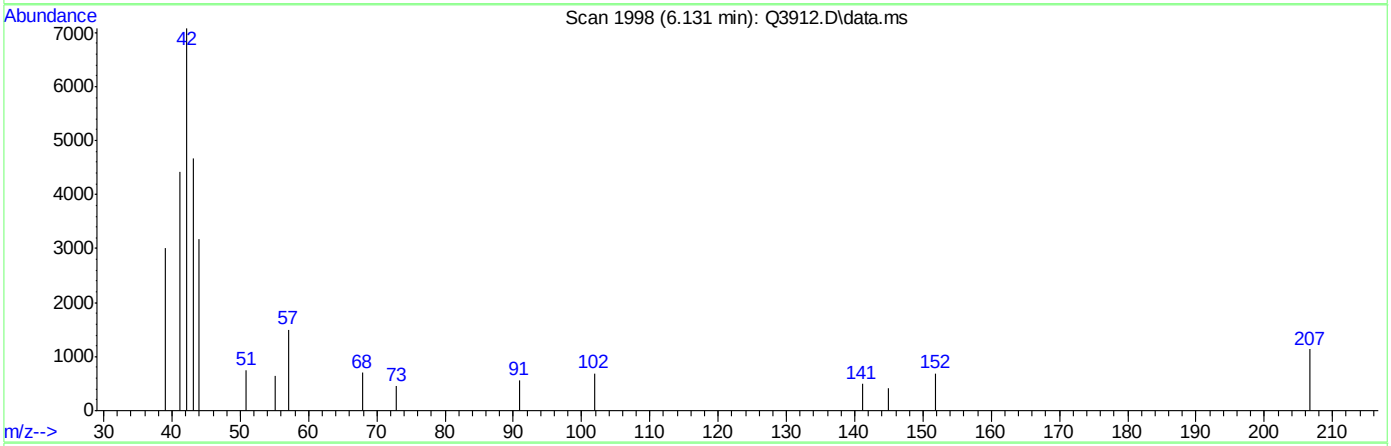
Ion	Exp%	Act%
45.00	100	100
59.00	3.70	12.28
43.00	19.70	34.76
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(13) PENTANE (m)

6.131min (-0.012) 0.24PPBV

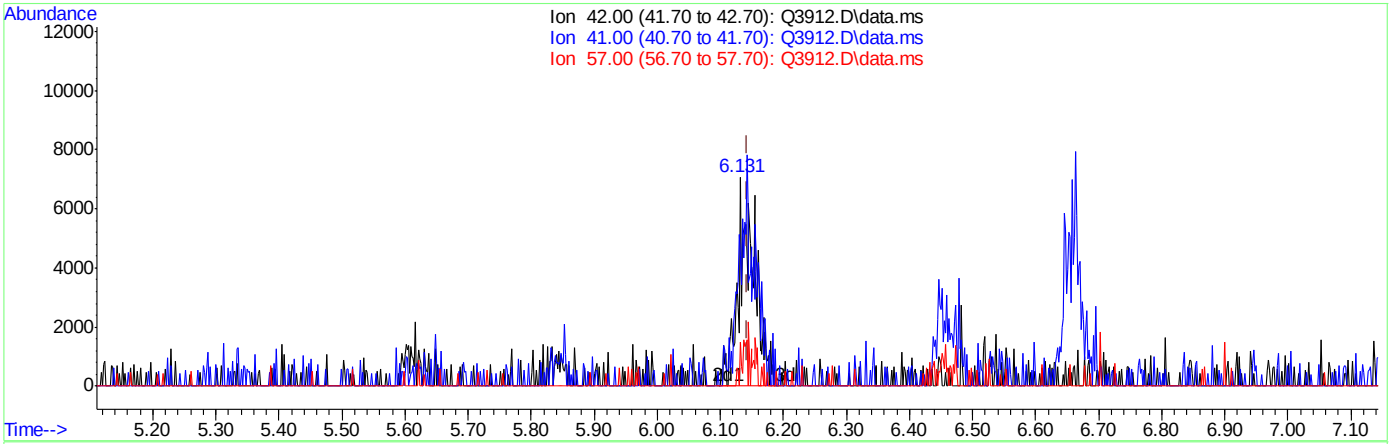
response 6270

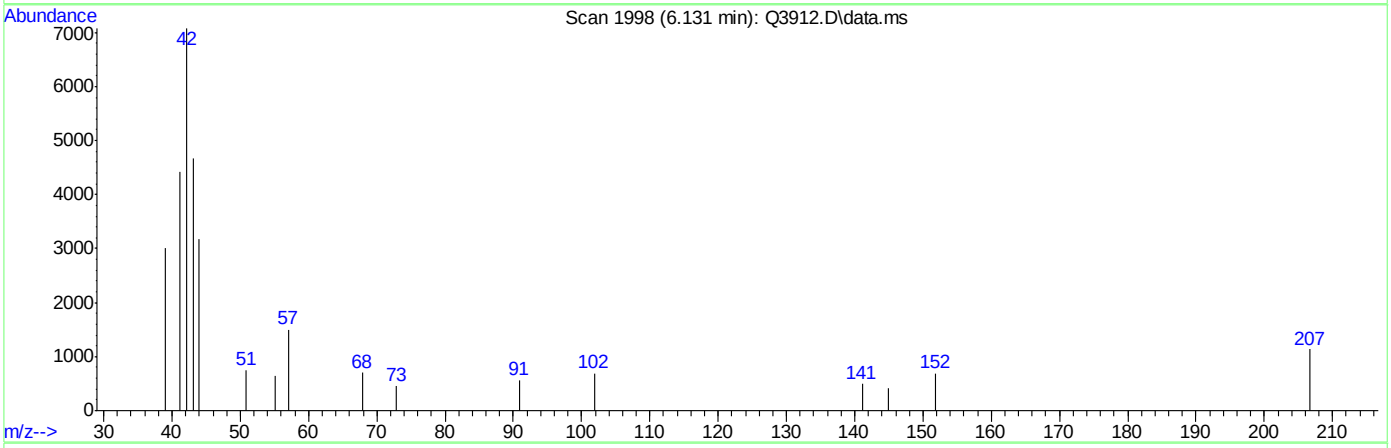
Ion	Exp%	Act%
42.00	100	100
41.00	94.80	42.98#
57.00	28.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(13) PENTANE (m)

6.131min (-0.012) 0.50PPBV m

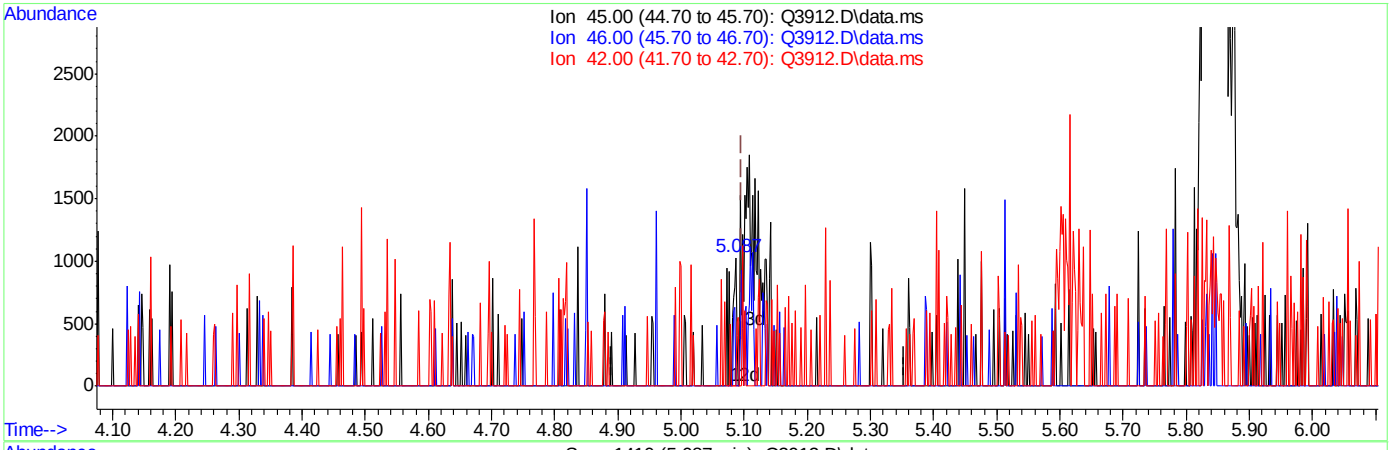
response 12778

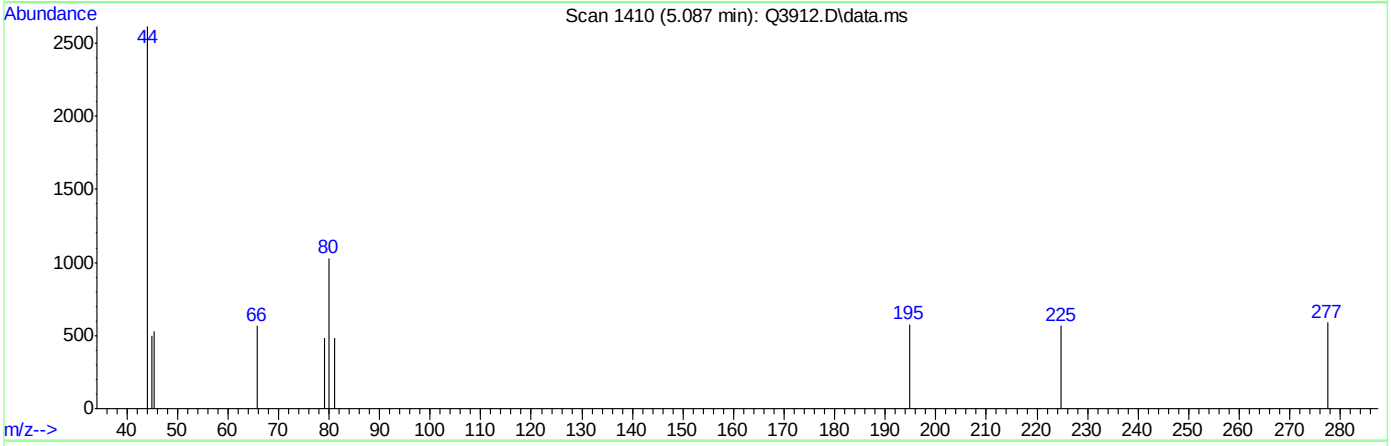
Ion	Exp%	Act%
42.00	100	100
41.00	94.80	21.09#
57.00	28.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(16) ETHANOL (m)

5.087min (-0.009) 0.06PPBV

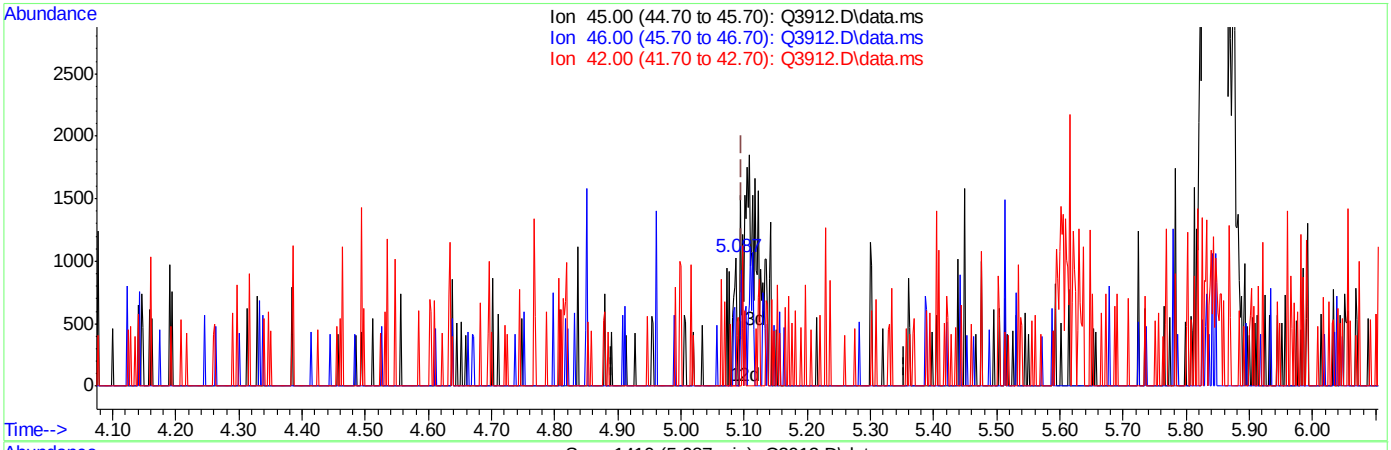
response 469

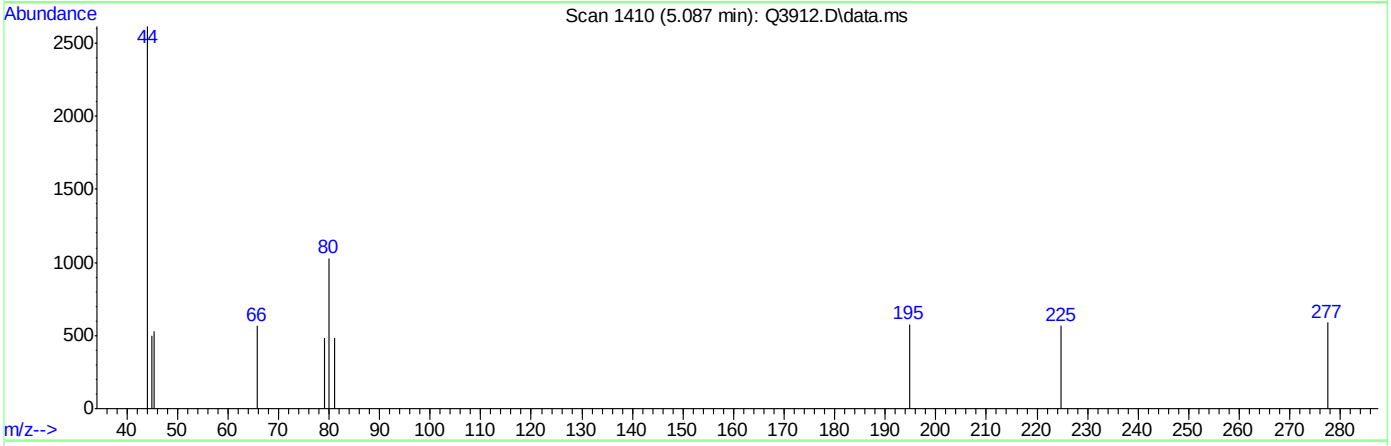
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	27.93
42.00	8.40	11.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(16) ETHANOL (m)

5.087min (-0.009) 0.06PPBV

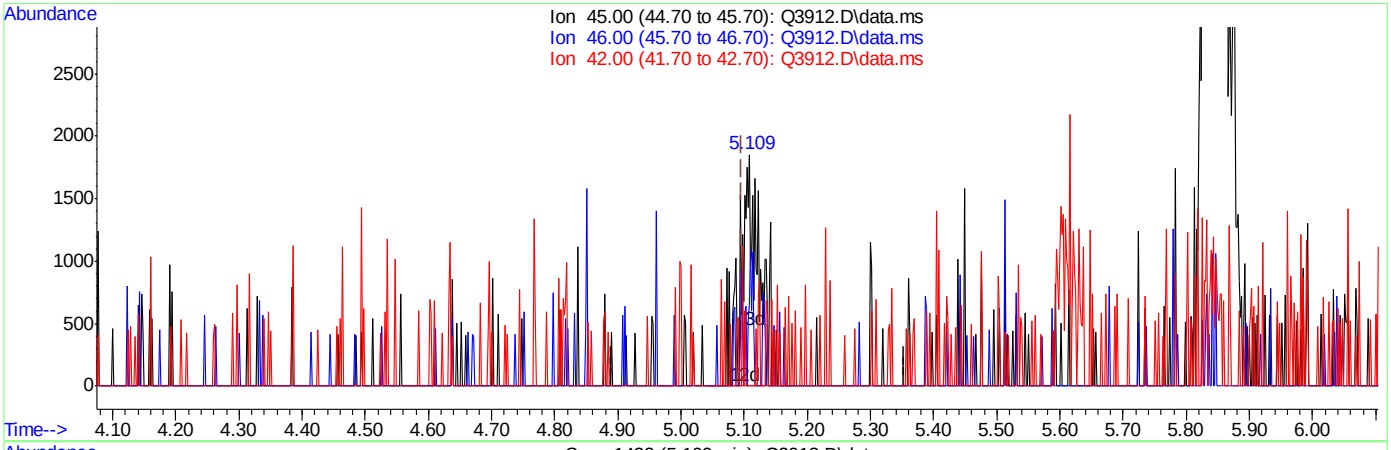
response 469

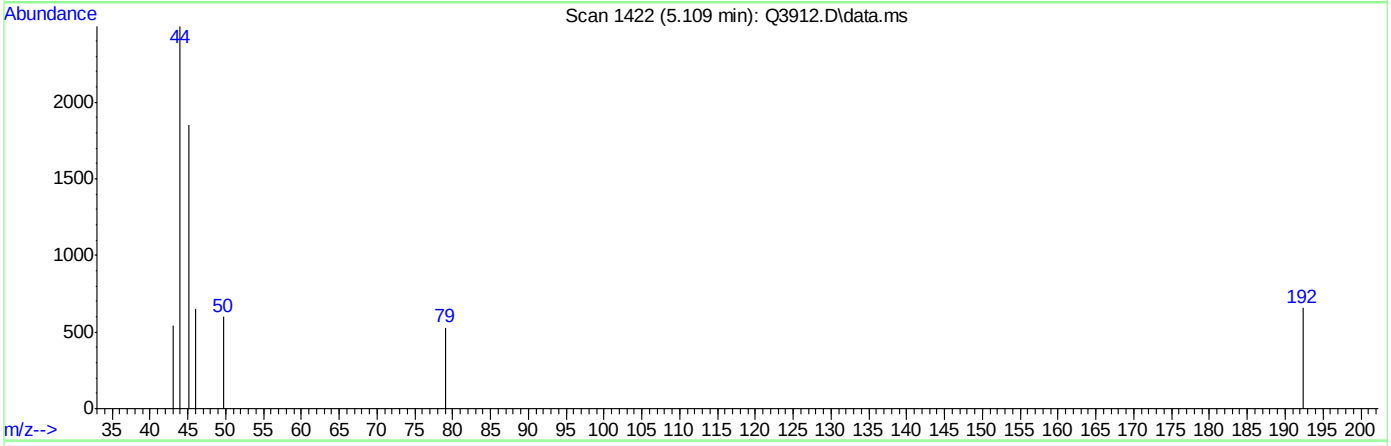
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	27.93
42.00	8.40	11.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(16) ETHANOL (m)

5.109min (+0.013) 0.50PPBV m

response 3764

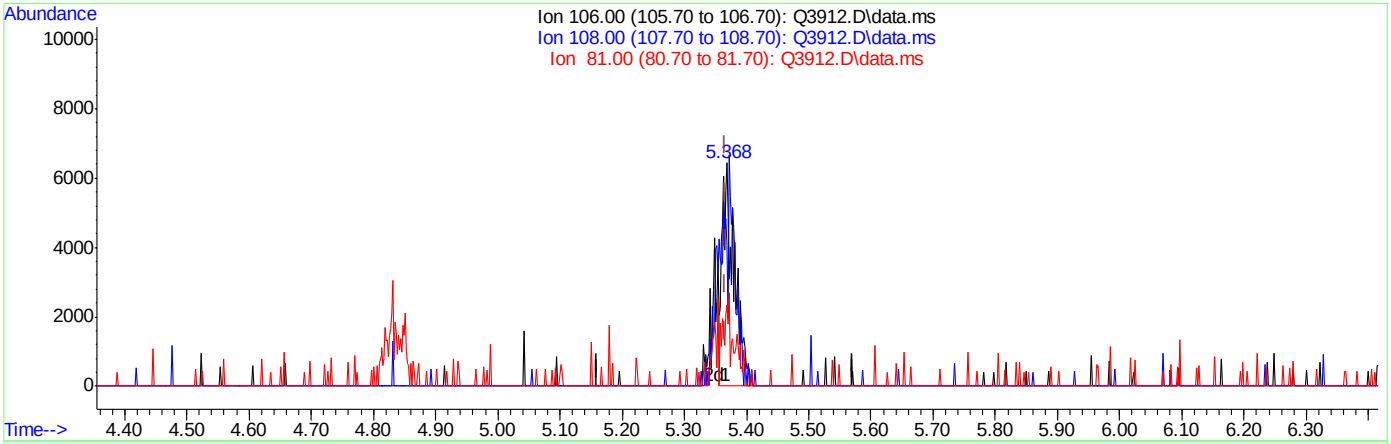
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	3.48#
42.00	8.40	1.41
0.00	0.00	0.00

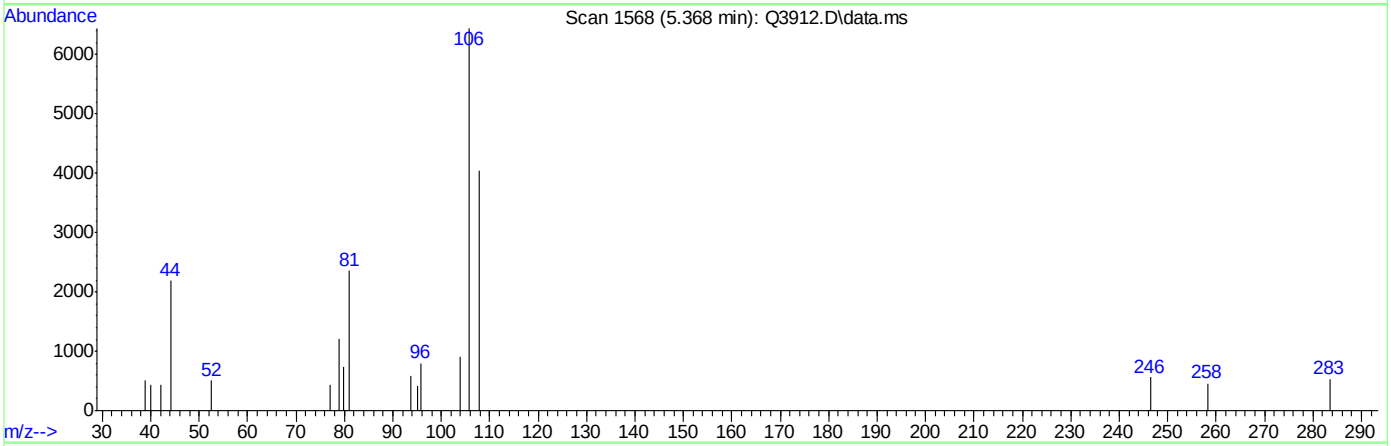
ACCUTEST Laboratories M66023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(17) BROMOETHENE (m)

5.368min (+0.002) 0.37PPBV

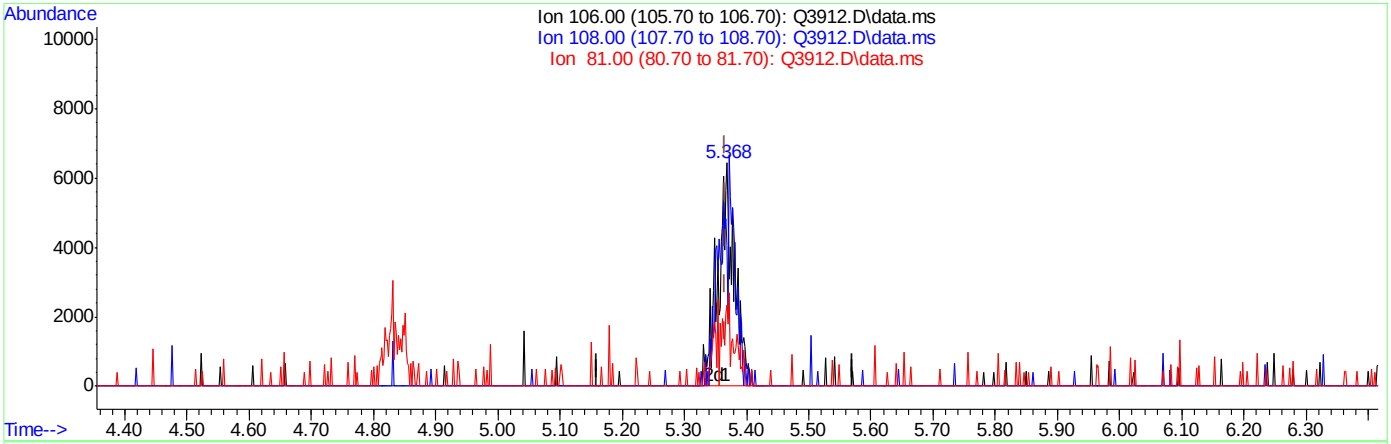
response 8655

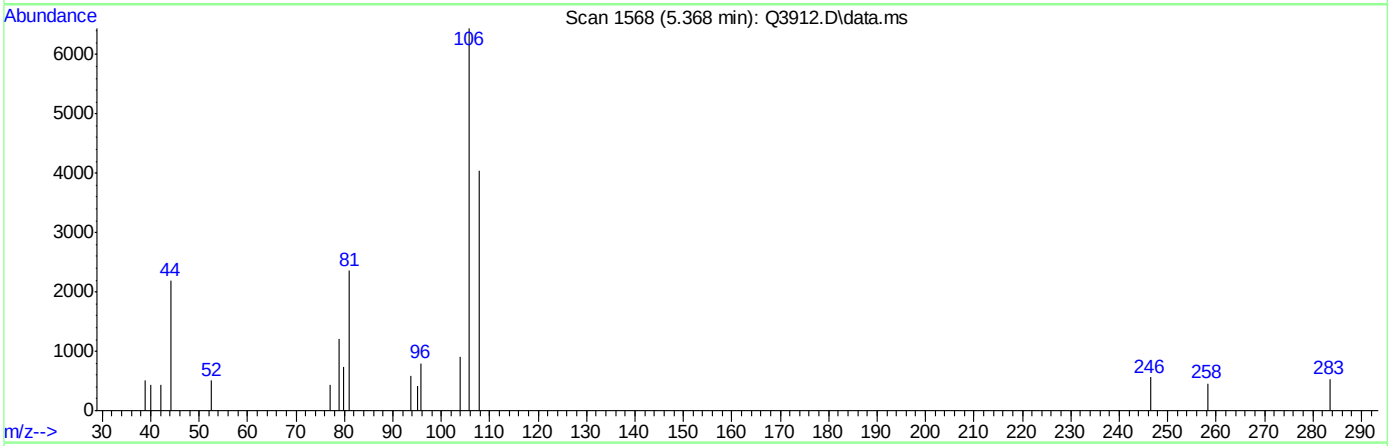
Ion	Exp%	Act%
106.00	100	100
108.00	94.00	57.42#
81.00	16.80	21.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(17) BROMOETHENE (m)

5.368min (+0.002) 0.50PPBV m

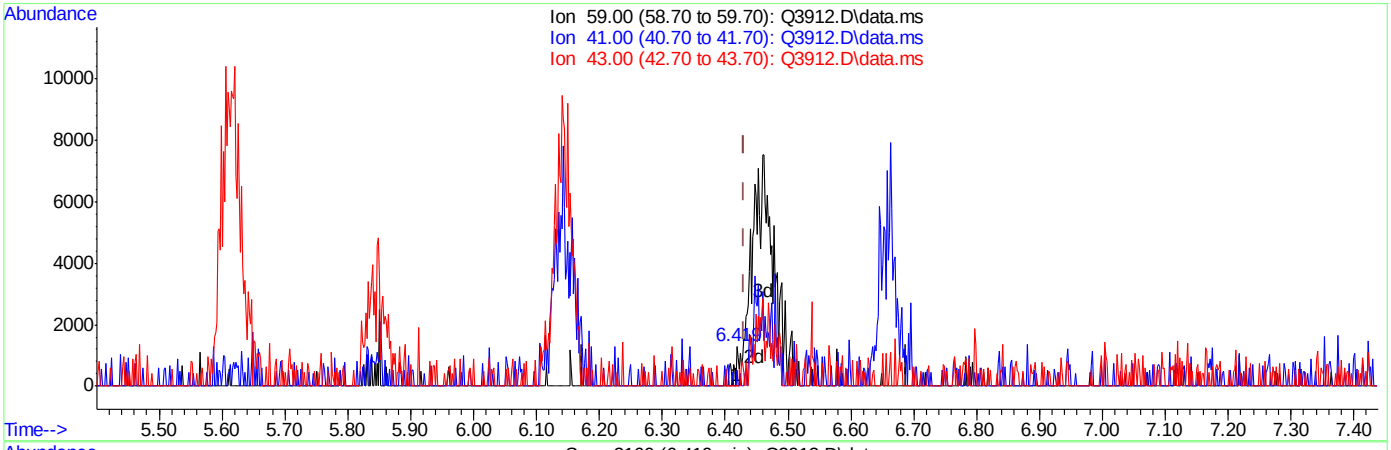
response 11543

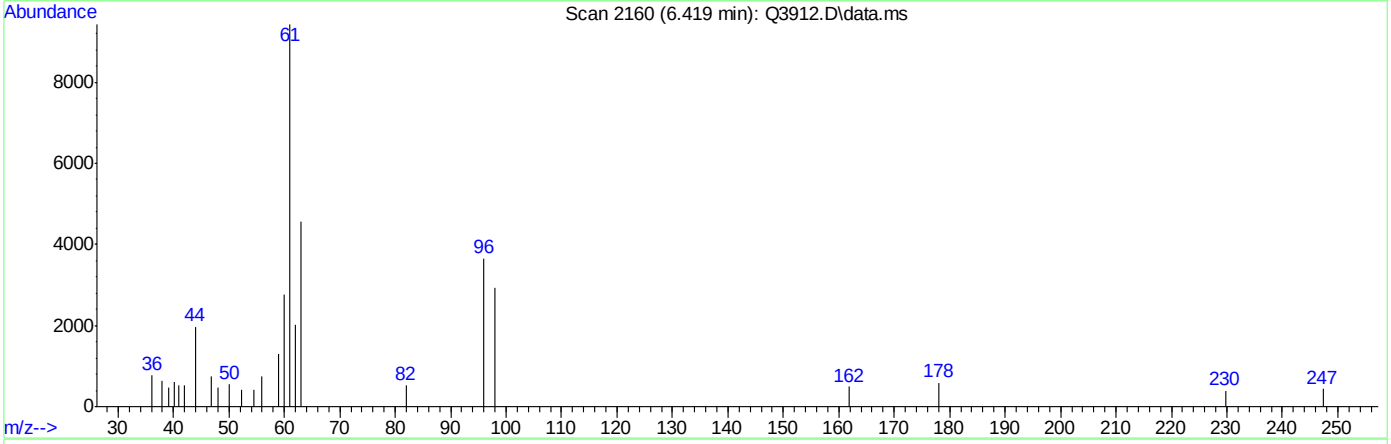
Ion	Exp%	Act%
106.00	100	100
108.00	94.00	43.06#
81.00	16.80	15.88
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(22) TERTIARY BUTYL ALCOHOL (m)

6.419min (-0.012) 0.02PPBV

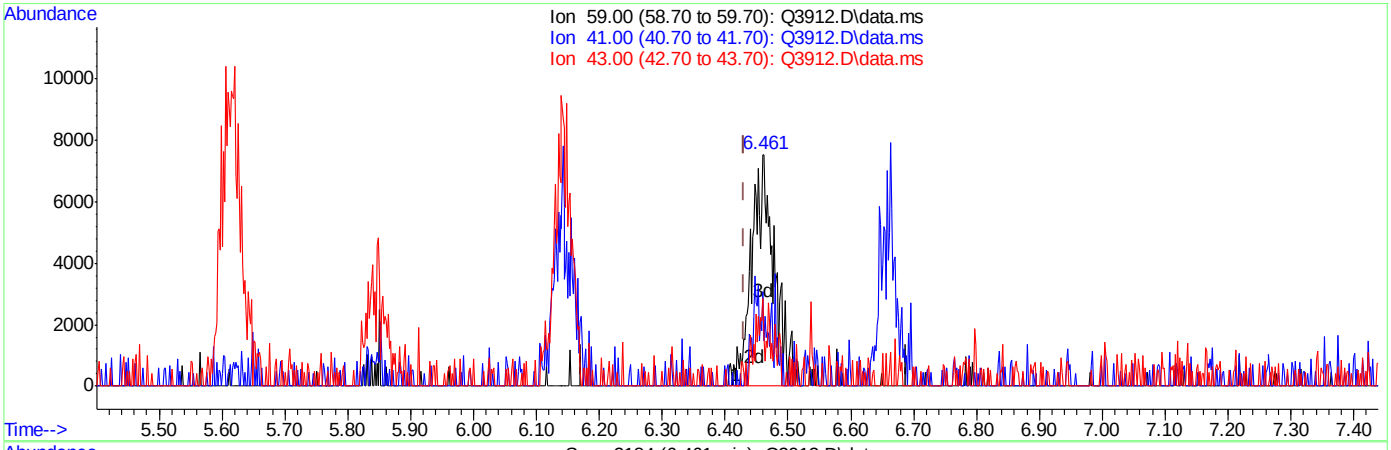
response 621

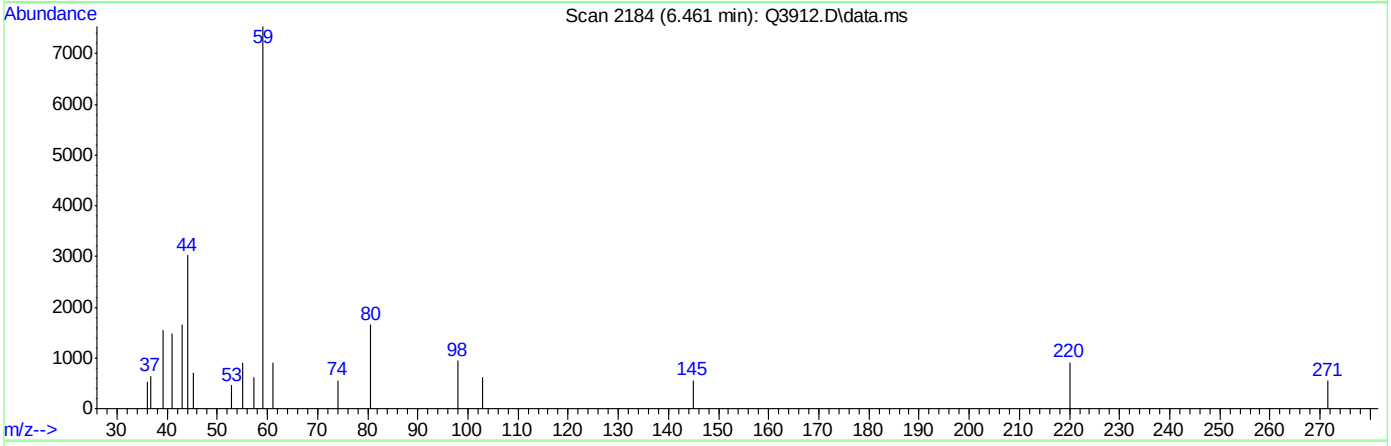
Ion	Exp%	Act%
59.00	100	100
41.00	16.40	0.00
43.00	13.40	34.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(22) TERTIARY BUTYL ALCOHOL (m)

6.461min (+0.030) 0.49PPBV m

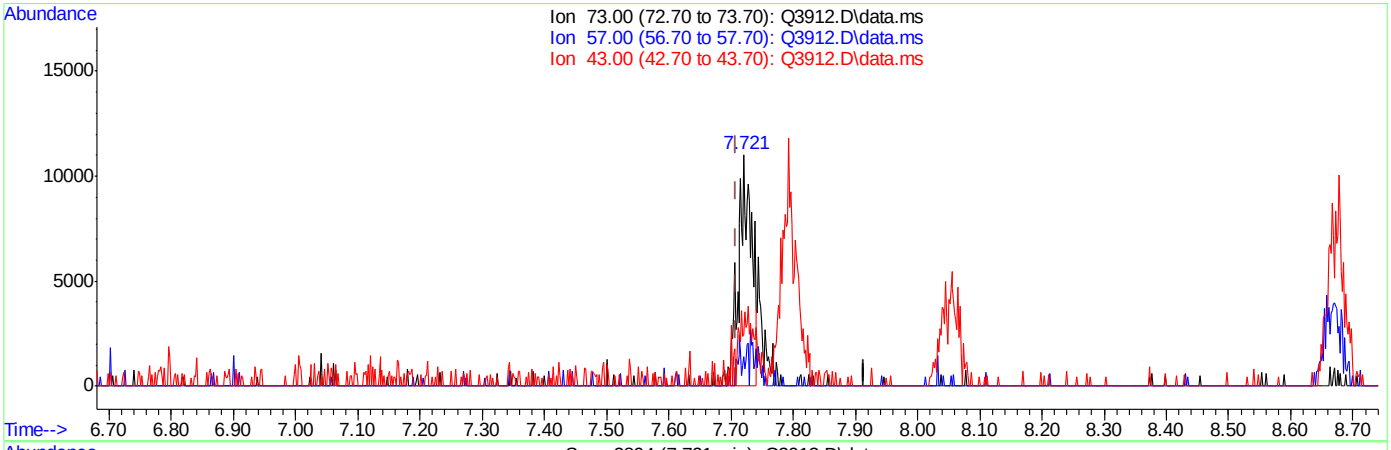
response 18338

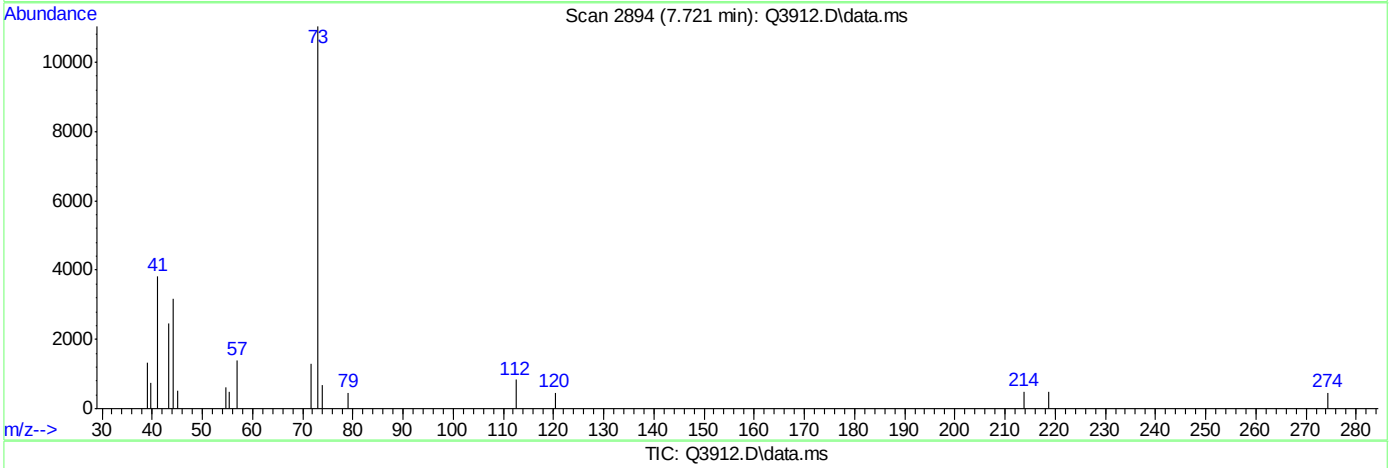
Ion	Exp%	Act%
59.00	100	100
41.00	16.40	0.00
43.00	13.40	1.17
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(23) METHYL TERTIARY BUTYL ETHER (m)

7.721min (+0.013) 0.40PPBV

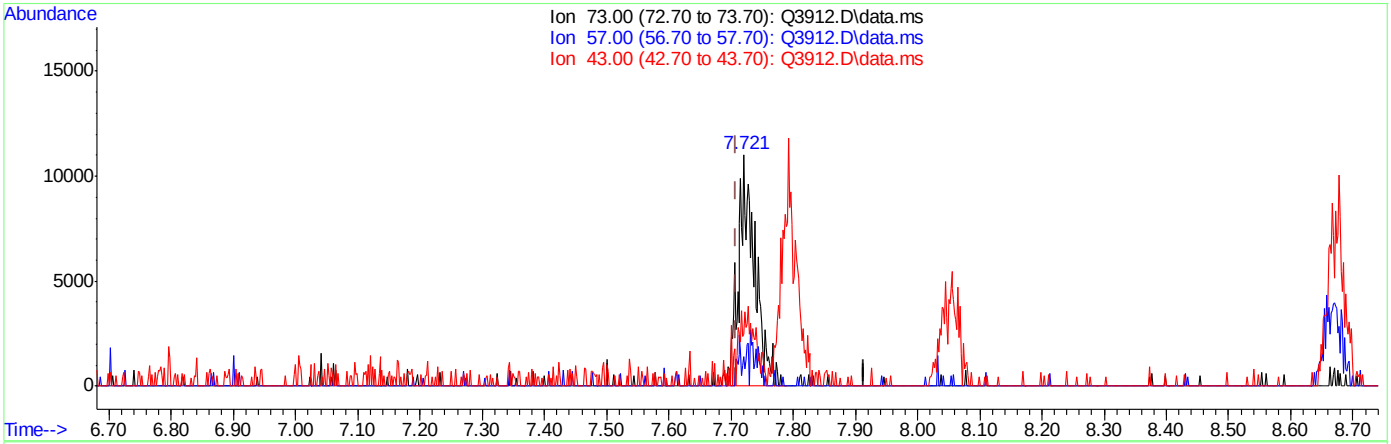
response 16330

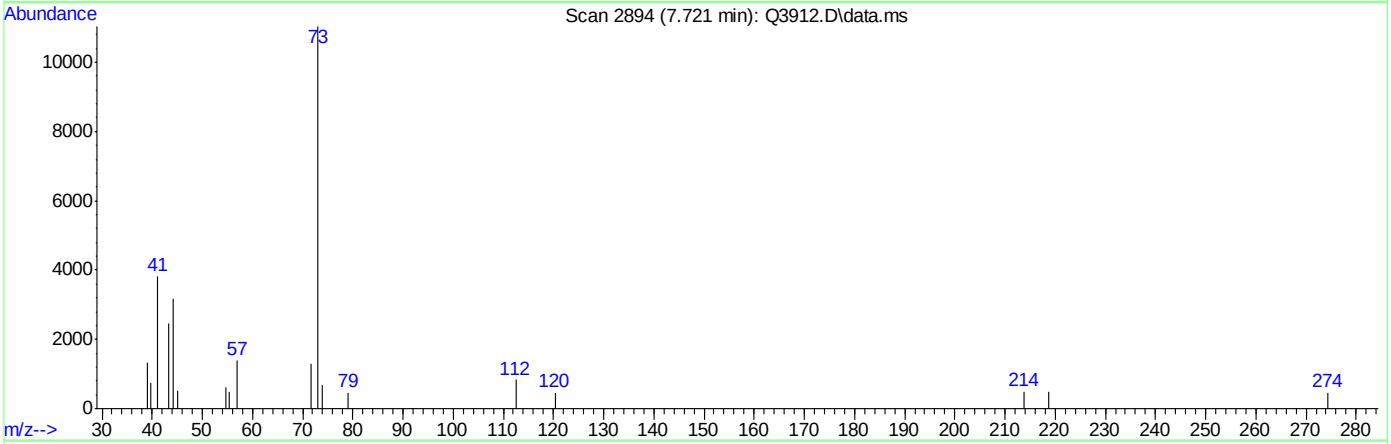
Ion	Exp%	Act%
73.00	100	100
57.00	26.00	3.48#
43.00	25.90	43.88
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(23) METHYL TERTIARY BUTYL ETHER (m)

7.721min (+0.013) 0.50PPBV m

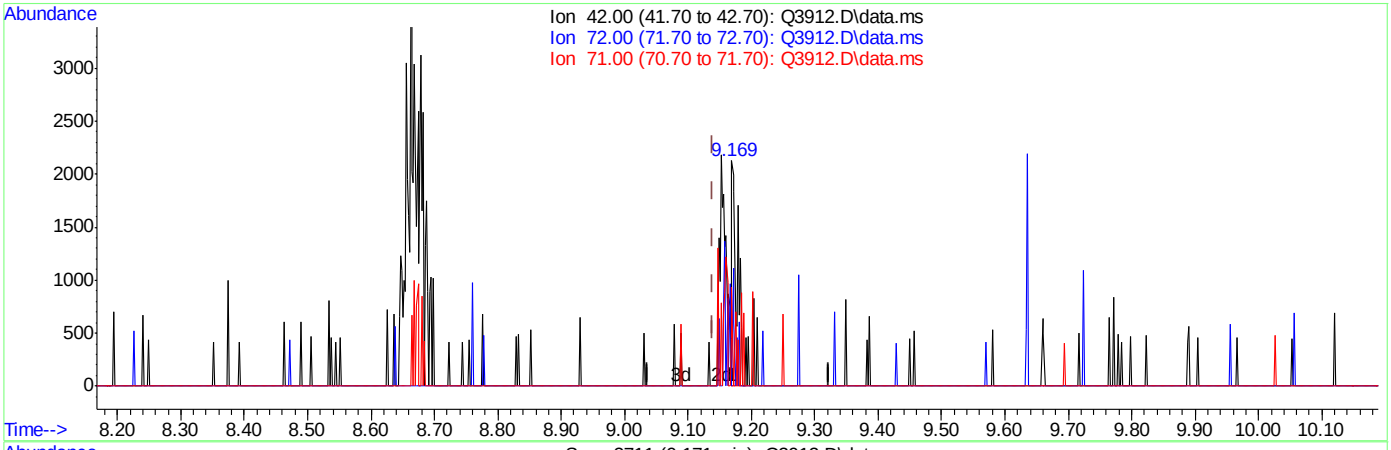
response 20070

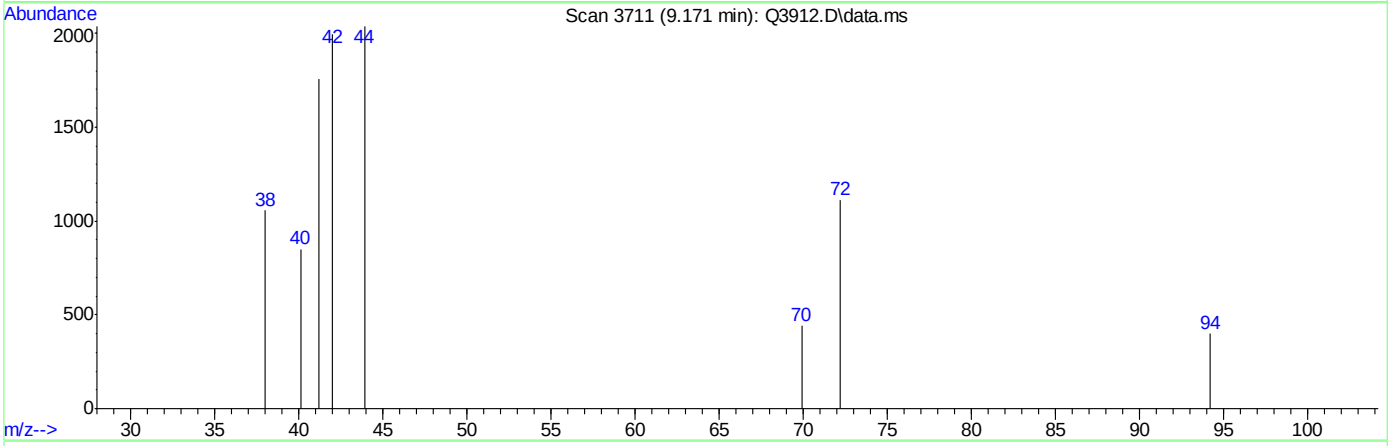
Ion	Exp%	Act%
73.00	100	100
57.00	26.00	2.83#
43.00	25.90	35.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(24) TETRAHYDROFURAN (m)

9.171min (+0.032) 0.20PPBV

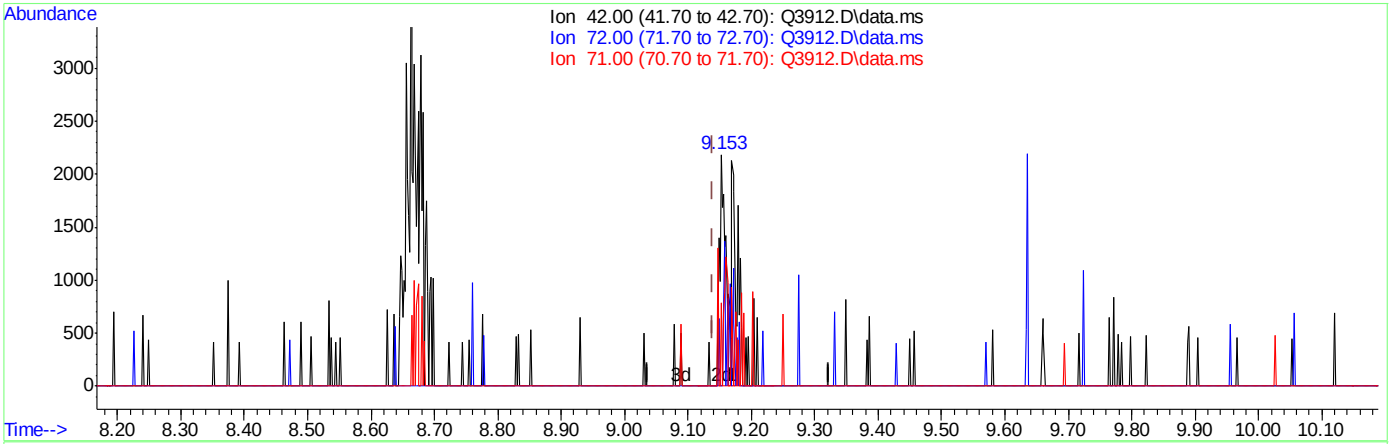
response 1197

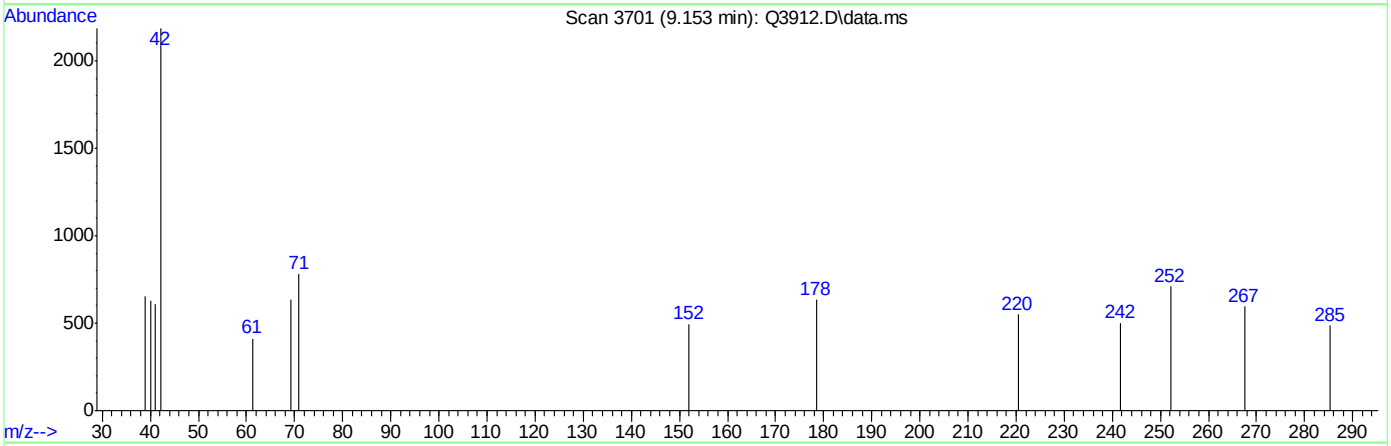
Ion	Exp%	Act%
42.00	100	100
72.00	28.70	19.21
71.00	27.60	17.96
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(24) TETRAHYDROFURAN (m)

9.153min (+0.014) 0.50PPBV m

response 2948

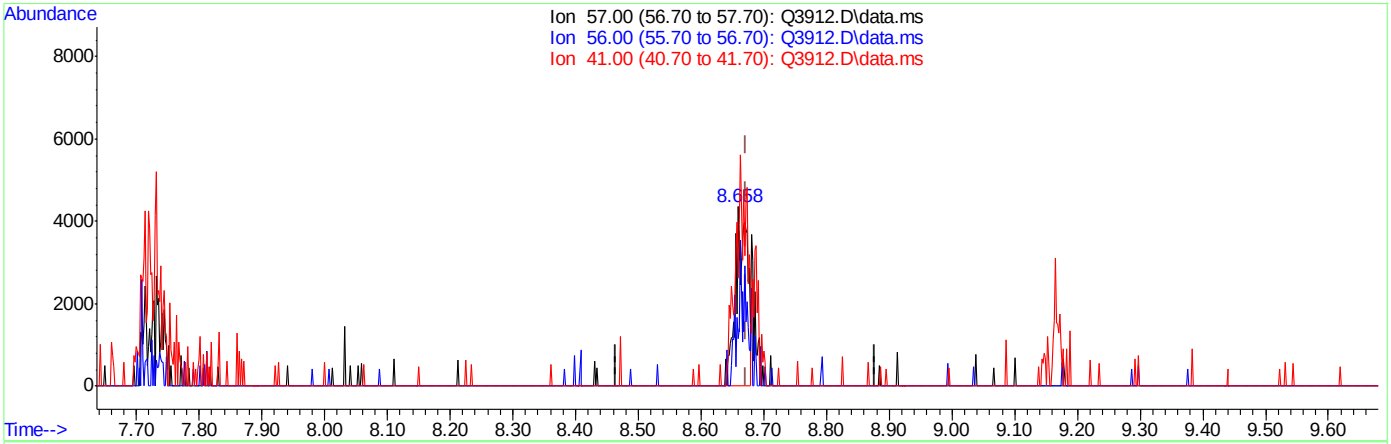
Ion	Exp%	Act%
42.00	100	100
72.00	28.70	7.80#
71.00	27.60	7.29#
0.00	0.00	0.00

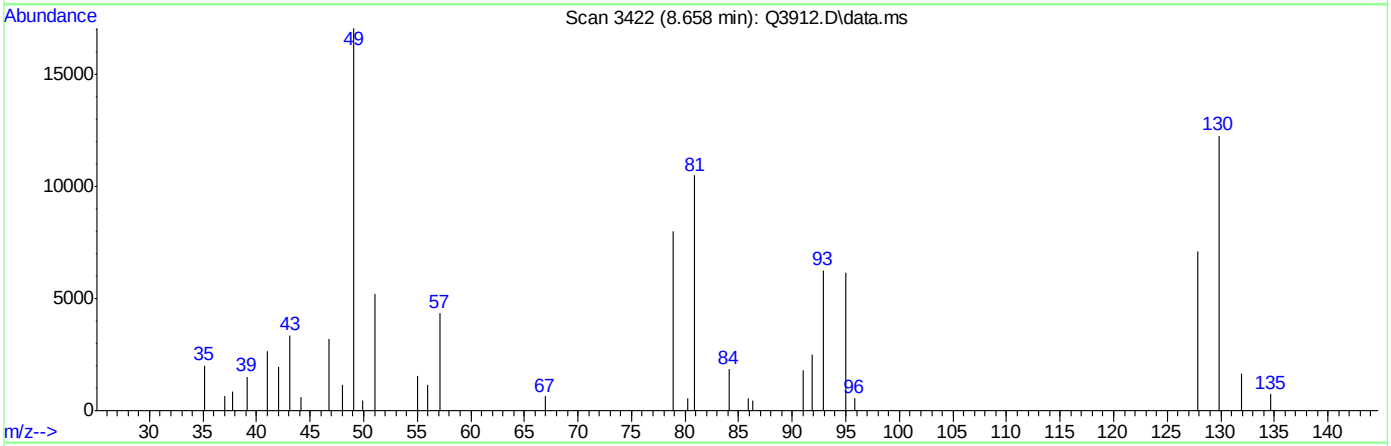
ACCUTEST Laboratories M66023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(25) HEXANE (m)

8.658min (-0.014) 0.40PPBV

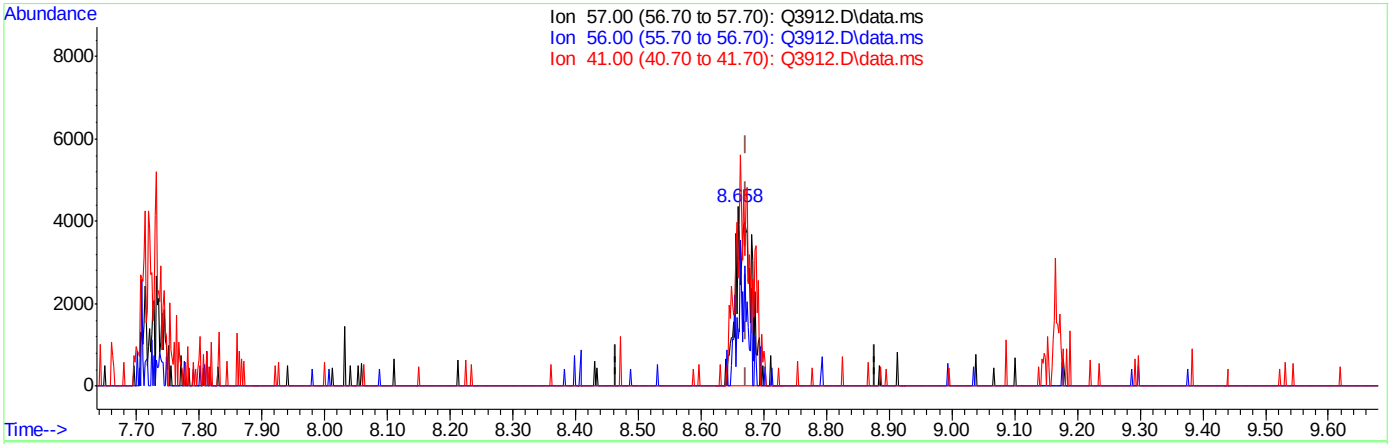
response 6049

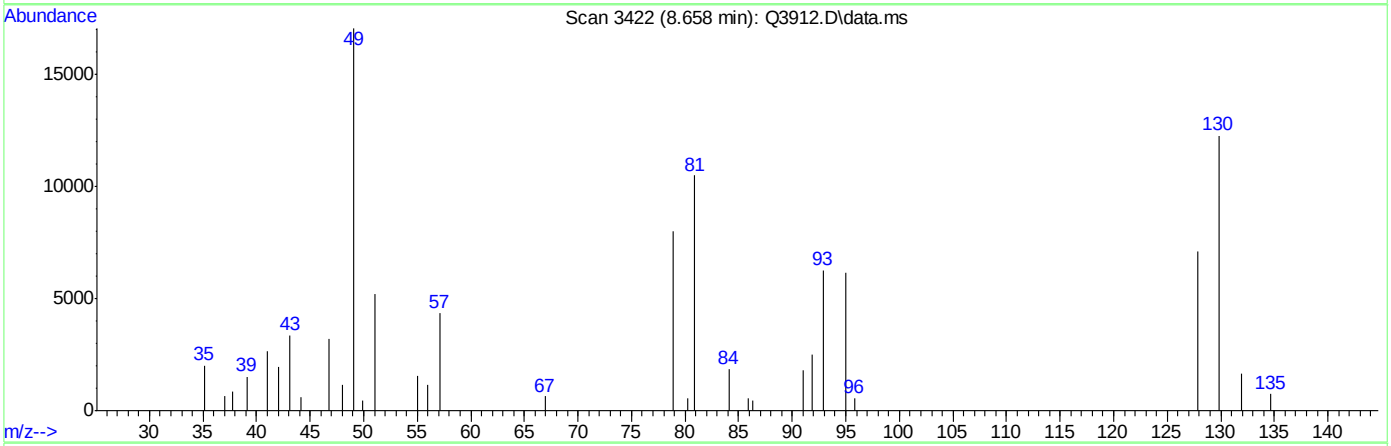
Ion	Exp%	Act%
57.00	100	100
56.00	54.30	55.07
41.00	78.90	119.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(25) HEXANE (m)

8.658min (-0.014) 0.50PPBV m

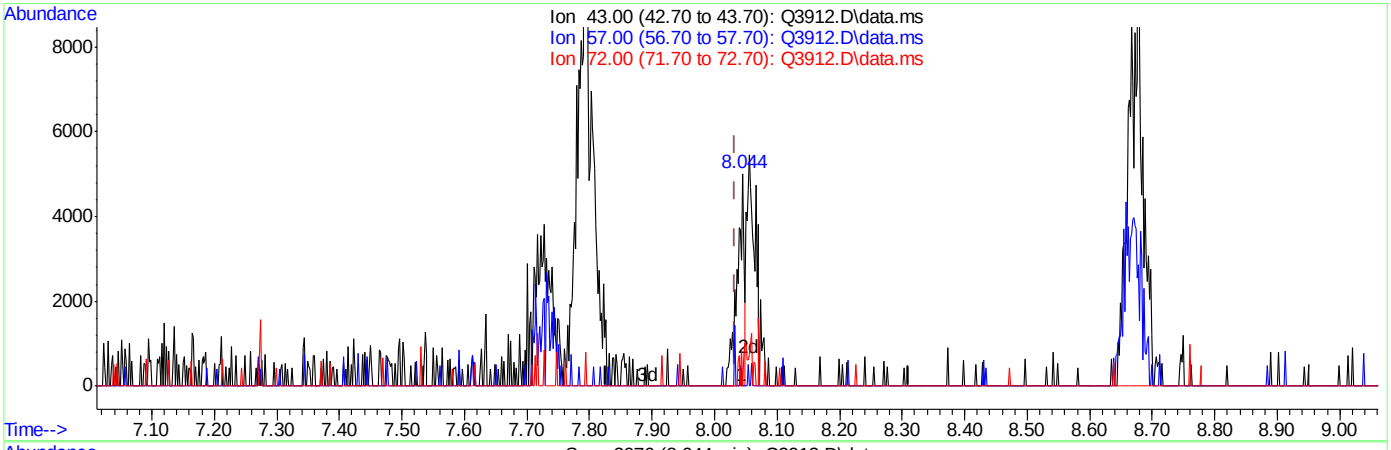
response 7612

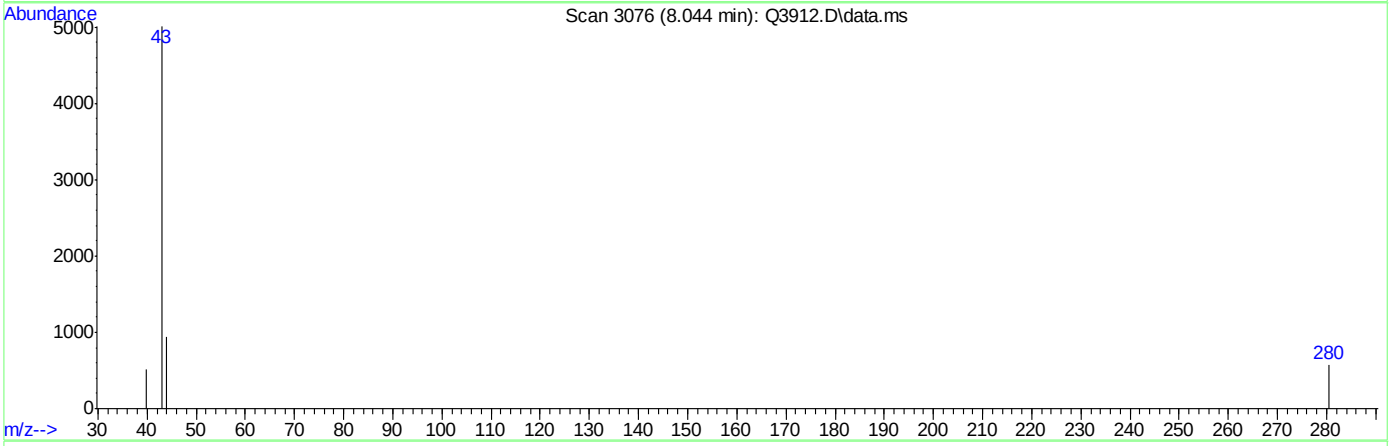
Ion	Exp%	Act%
57.00	100	100
56.00	54.30	43.76
41.00	78.90	94.71
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(28) METHYL ETHYL KETONE (m)

8.044min (+0.011) 0.19PPBV

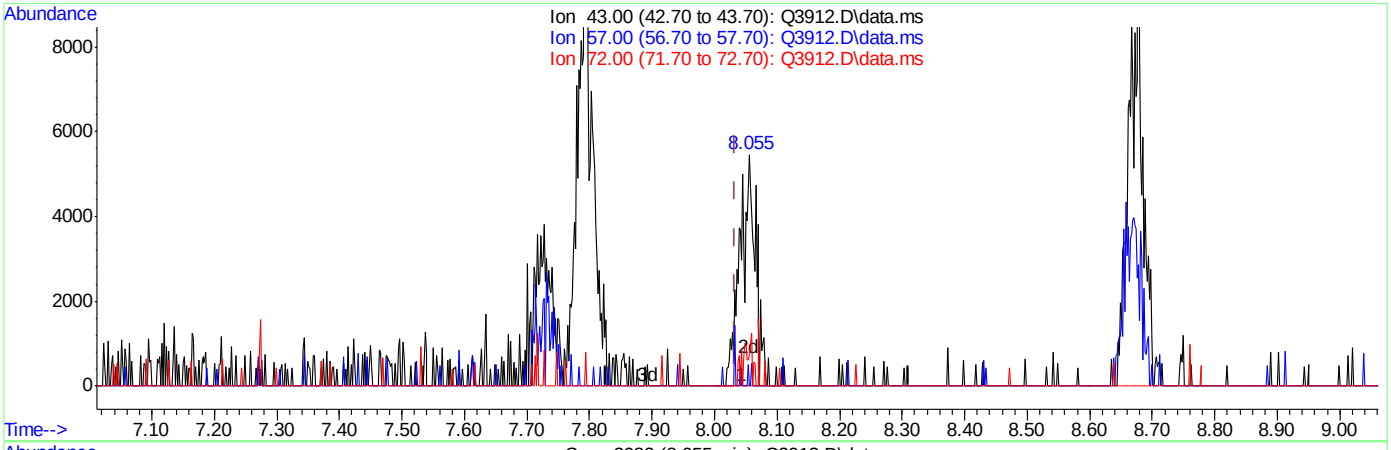
response 3742

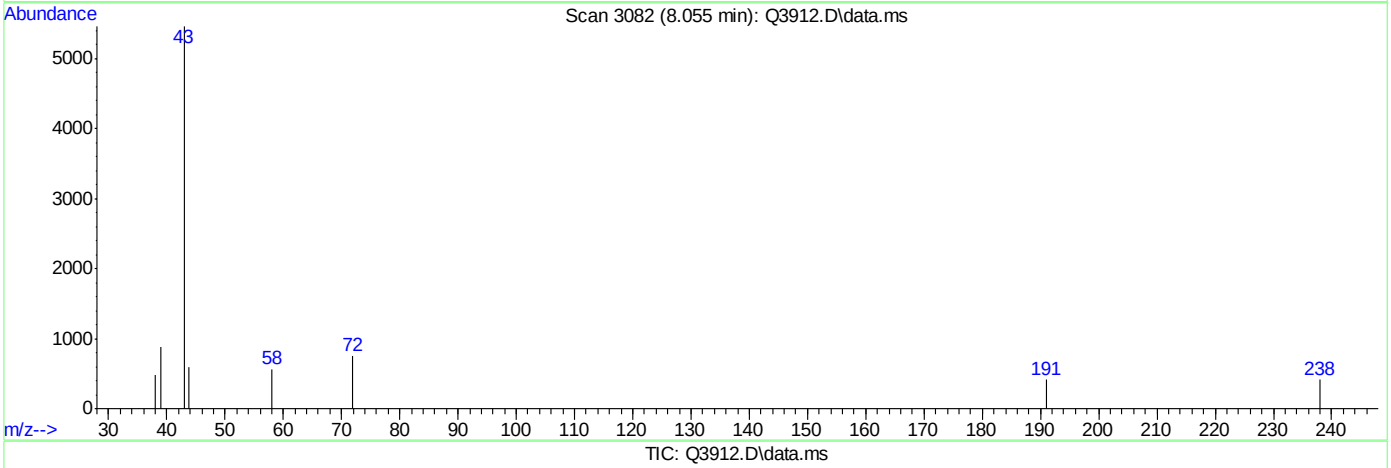
Ion	Exp%	Act%
43.00	100	100
57.00	7.70	0.00
72.00	14.60	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(28) METHYL ETHYL KETONE (m)

8.055min (+0.021) 0.50PPBV m

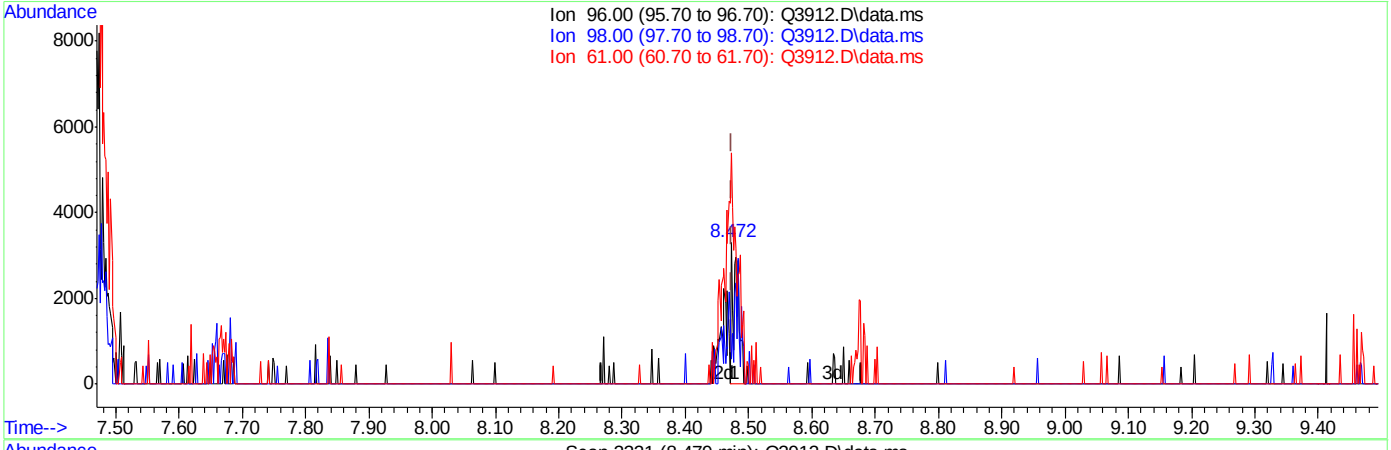
response 9741

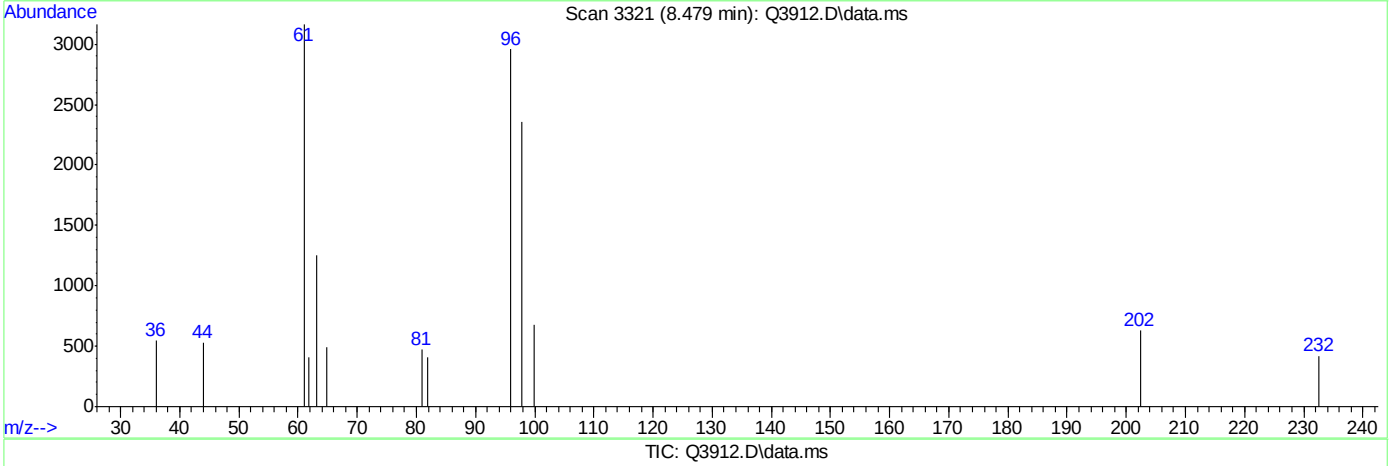
Ion	Exp%	Act%
43.00	100	100
57.00	7.70	0.00
72.00	14.60	13.73
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

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

8.479min (+0.005) 0.27PPBV

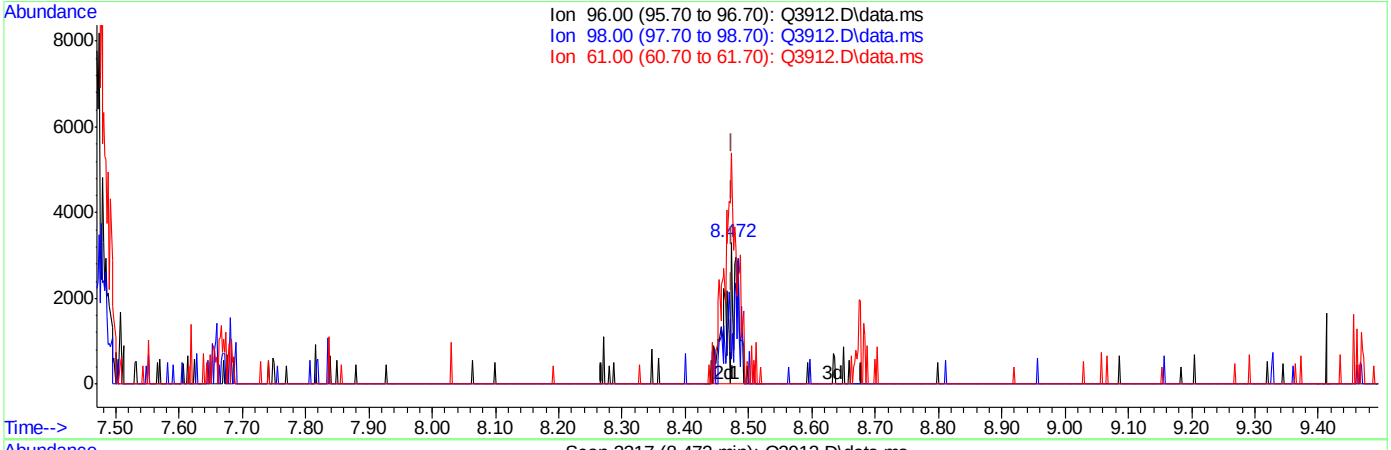
response 2166

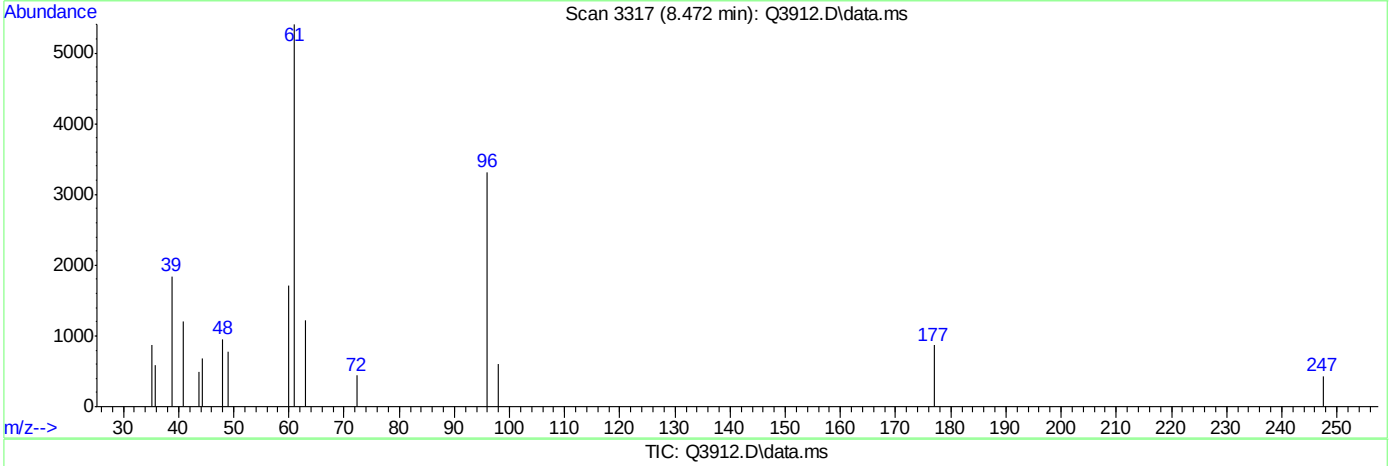
Ion	Exp%	Act%
96.00	100	100
98.00	63.40	104.52#
61.00	186.90	339.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

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

8.472min (-0.002) 0.50PPBV m

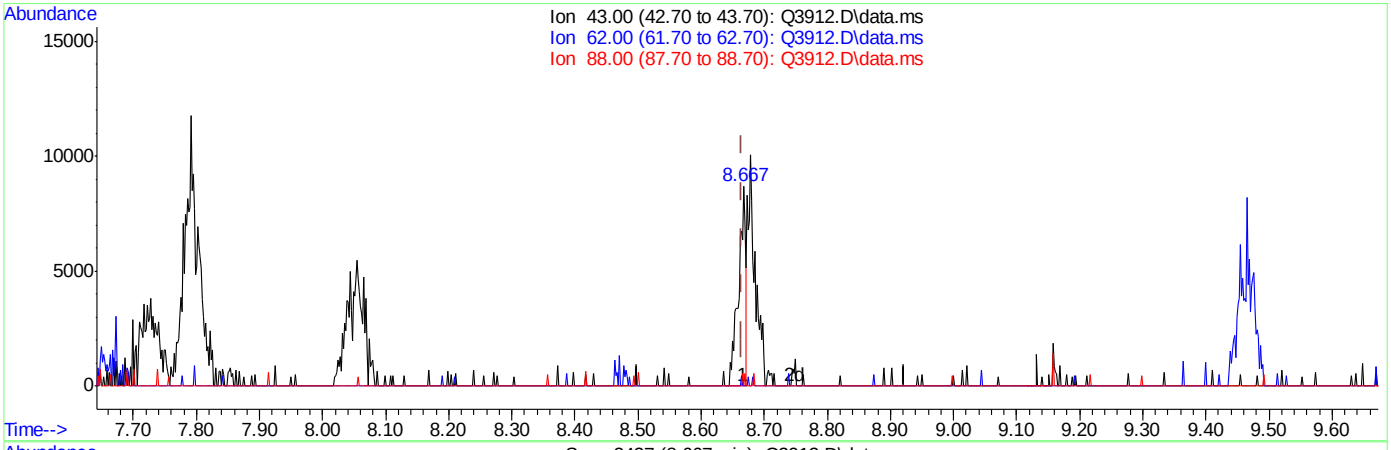
response 4081

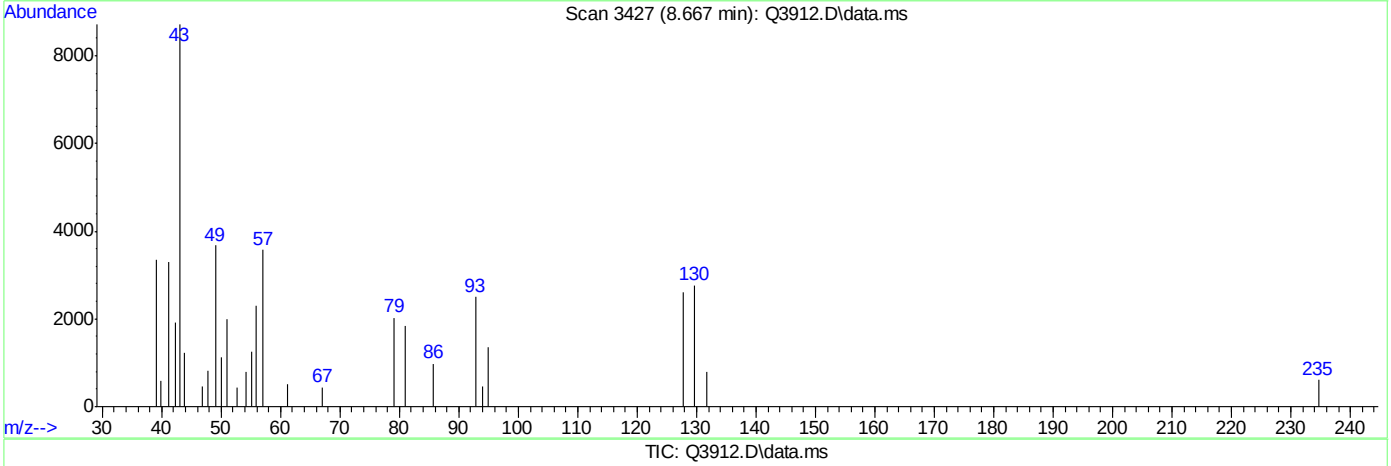
Ion	Exp%	Act%
96.00	100	100
98.00	63.40	55.48
61.00	186.90	180.08
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(30) ETHYL ACETATE (m)

8.667min (+0.002) 0.22PPBV

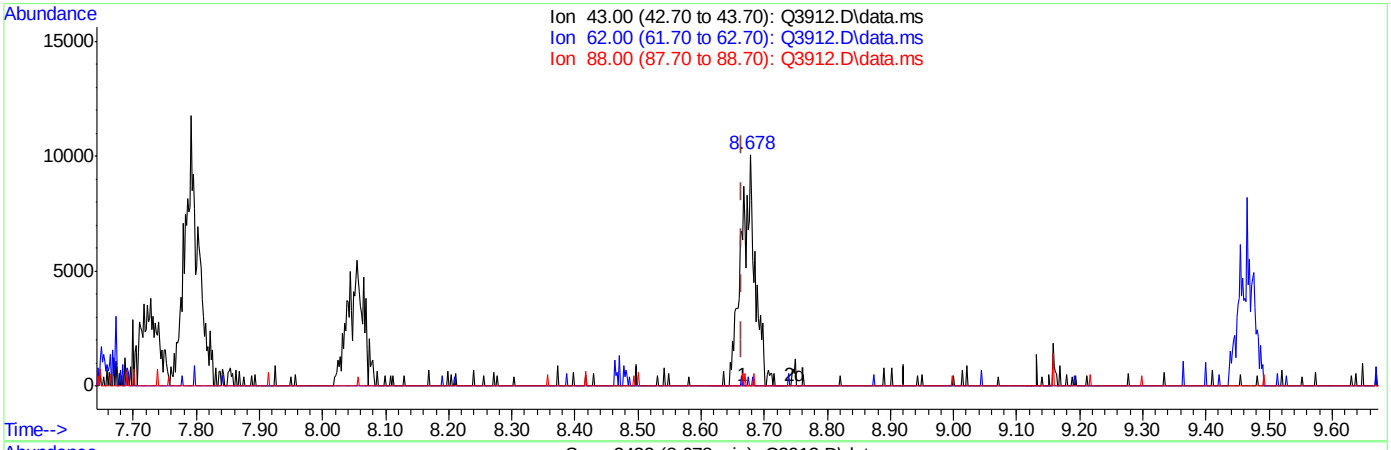
response 6715

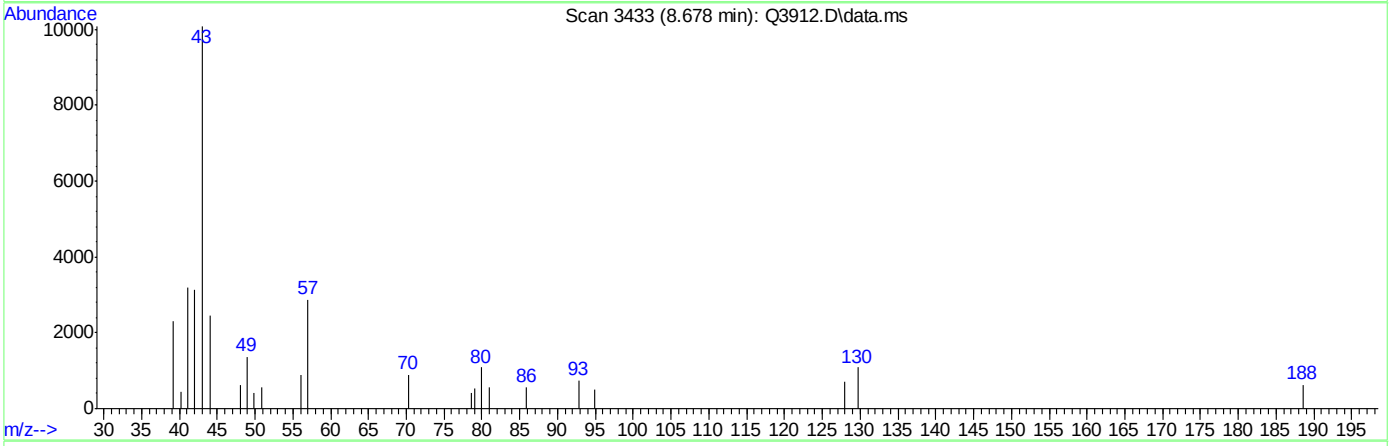
Ion	Exp%	Act%
43.00	100	100
62.00	0.30	0.71
88.00	1.60	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(30) ETHYL ACETATE (m)

8.678min (+0.013) 0.50PPBV m

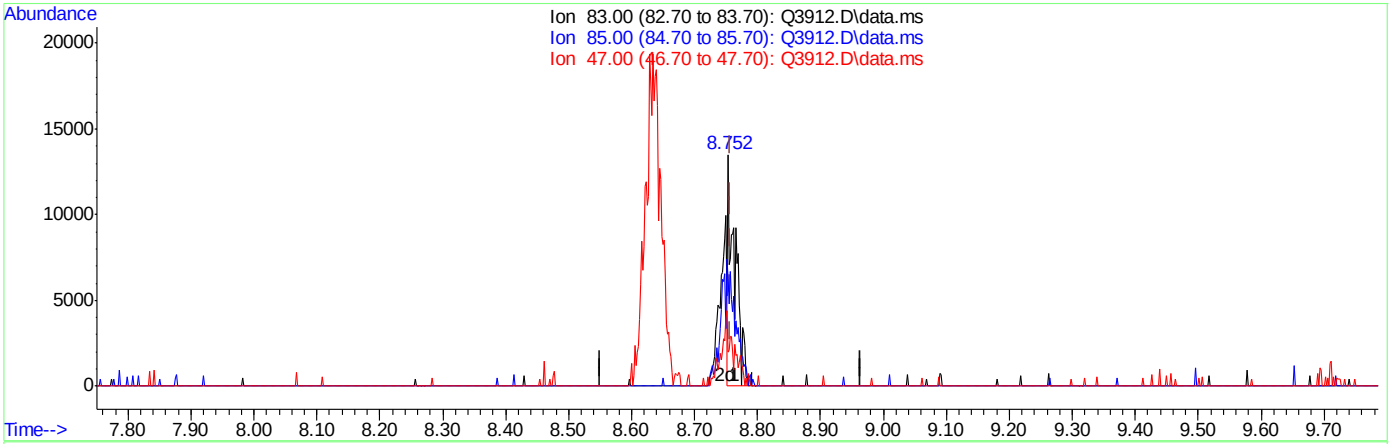
response 15450

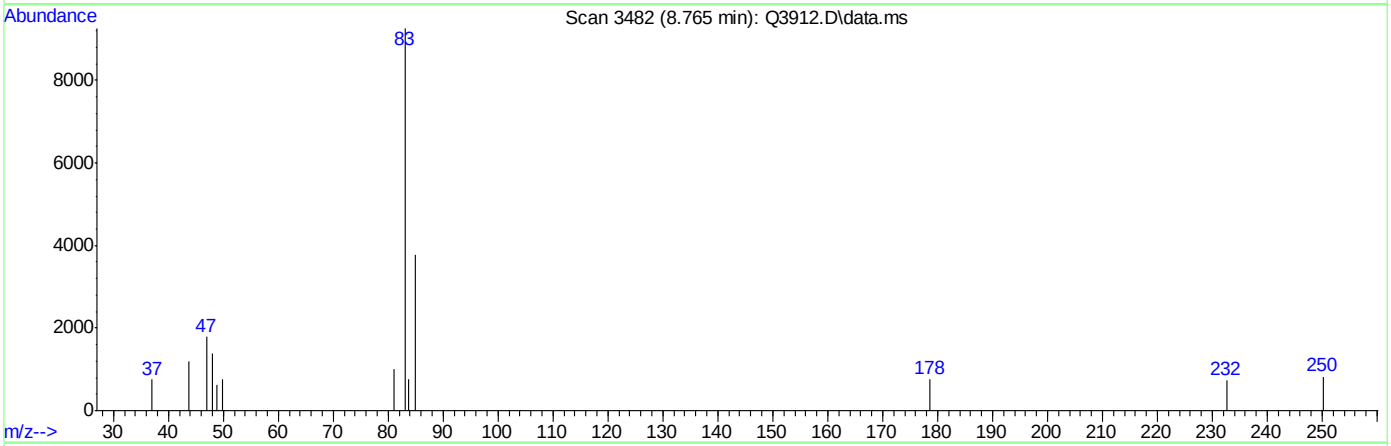
Ion	Exp%	Act%
43.00	100	100
62.00	0.30	0.31
88.00	1.60	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(31) CHLOROFORM (m)

8.765min (+0.007) 0.29PPBV

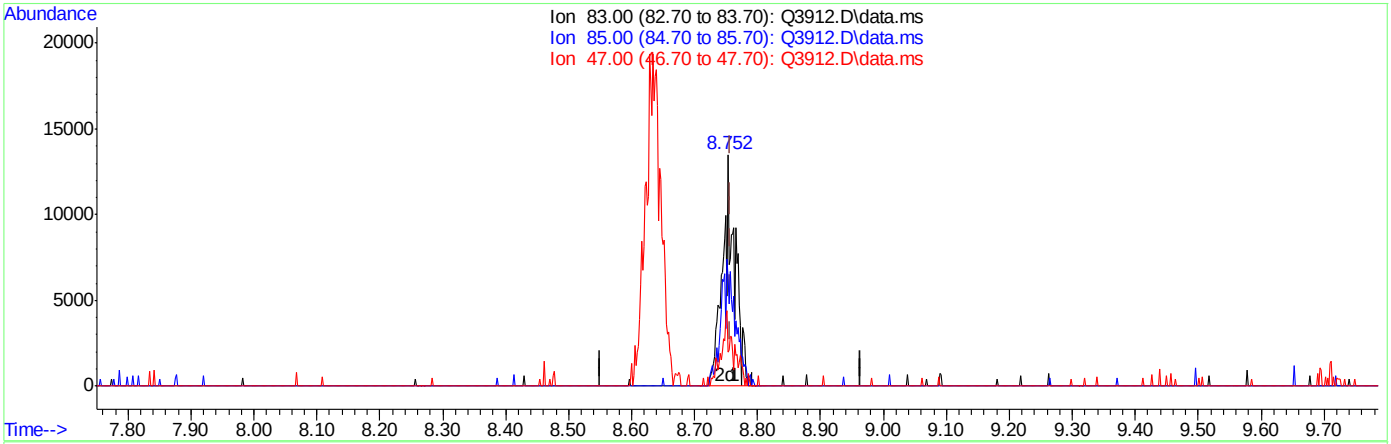
response 10846

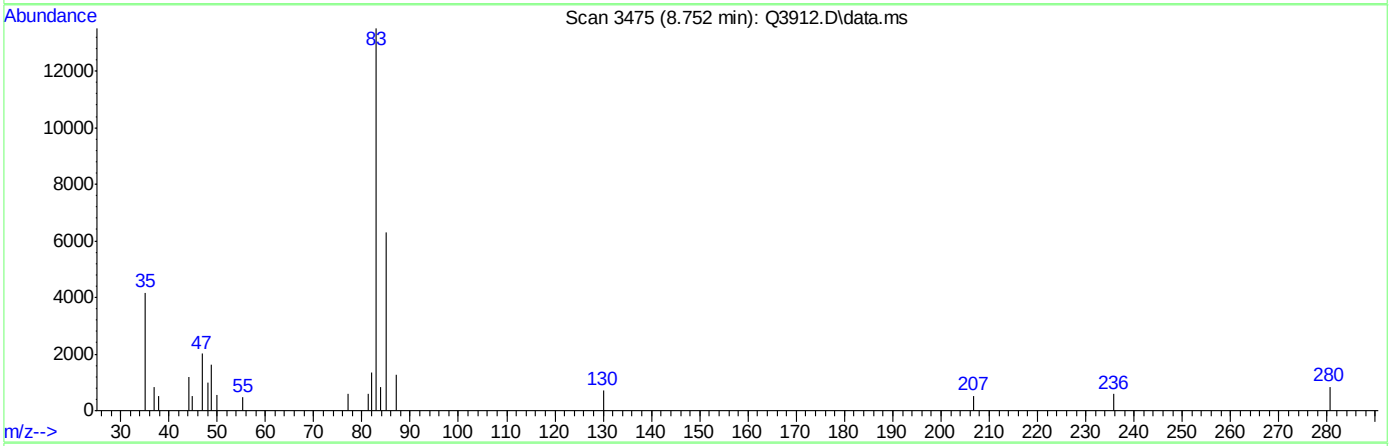
Ion	Exp%	Act%
83.00	100	100
85.00	64.20	0.00#
47.00	31.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(31) CHLOROFORM (m)

8.752min (-0.005) 0.50PPBV m

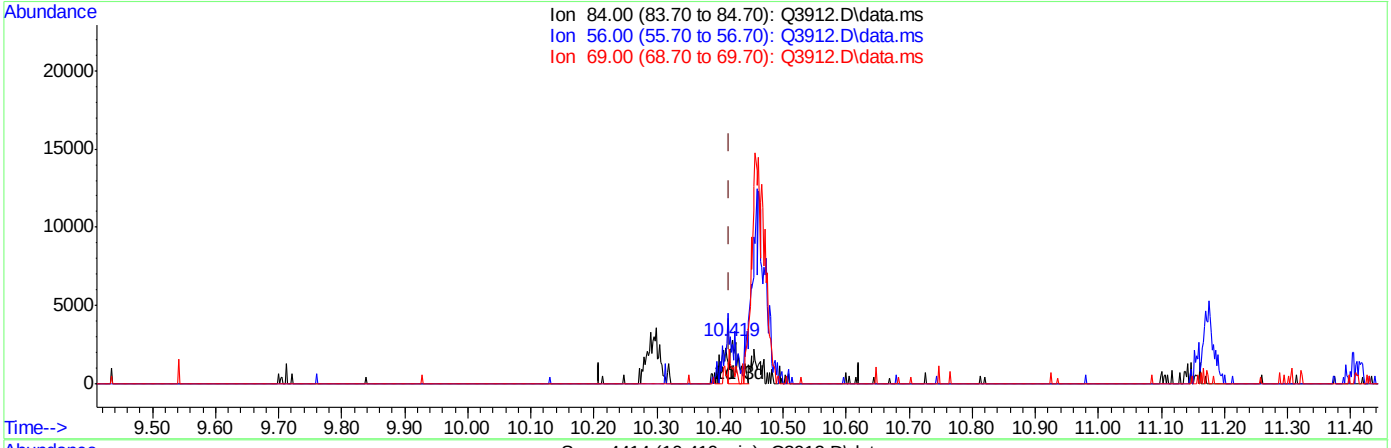
response 18492

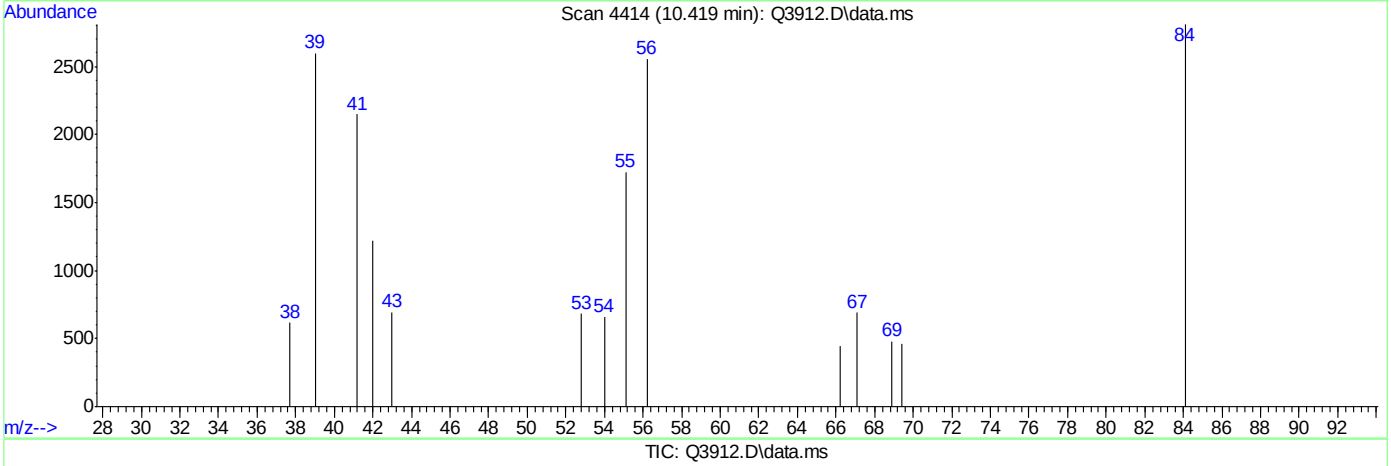
Ion	Exp%	Act%
83.00	100	100
85.00	64.20	0.00#
47.00	31.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(37) CYCLOHEXANE (m)

10.419min (+0.004) 0.29PPBV

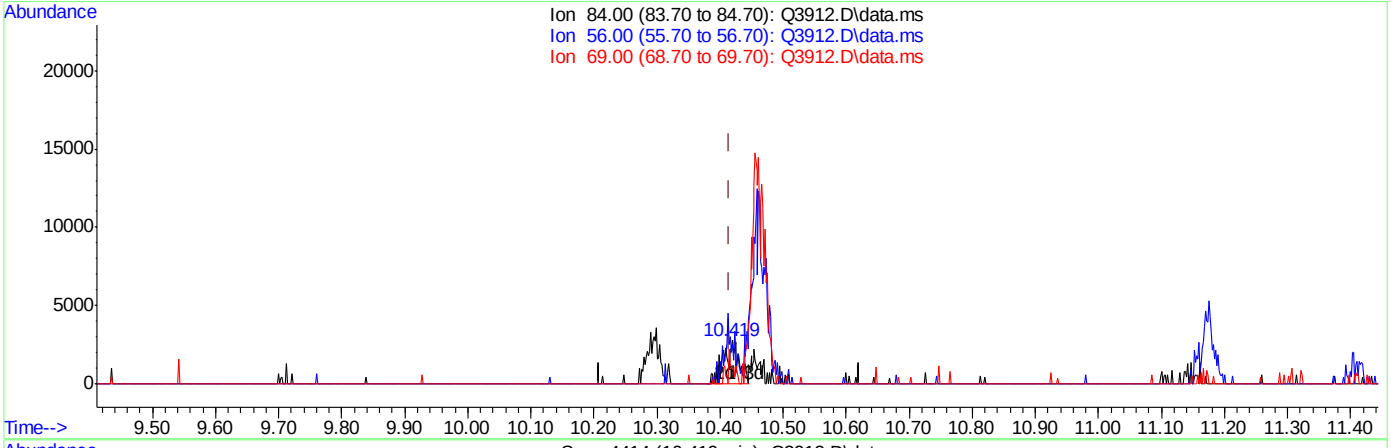
response 2608

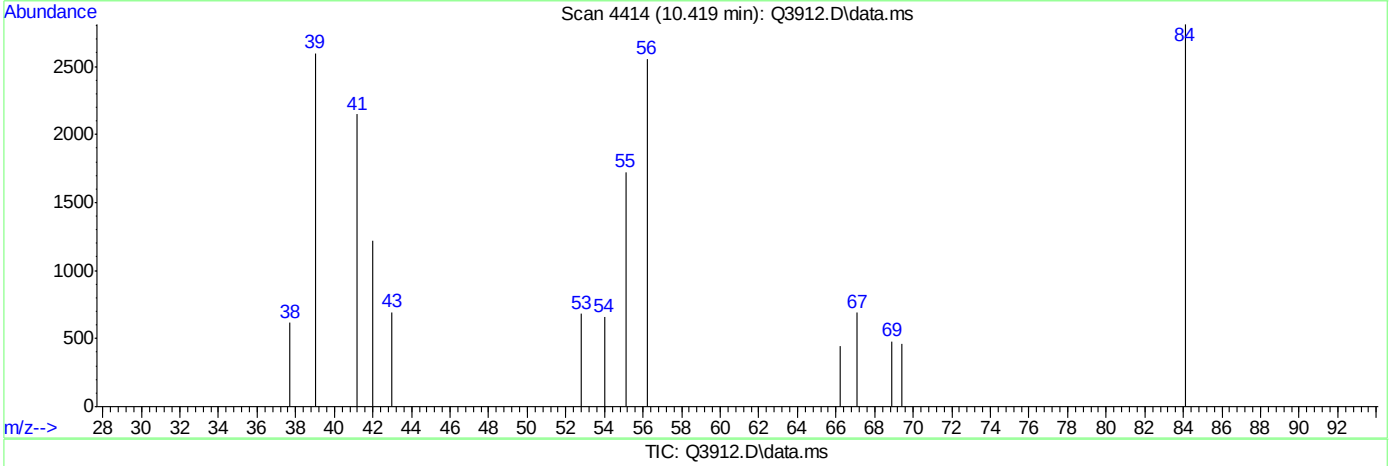
Ion	Exp%	Act%
84.00	100	100
56.00	177.10	162.92
69.00	37.70	38.84
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(37) CYCLOHEXANE (m)

10.419min (+0.004) 0.50PPBV m

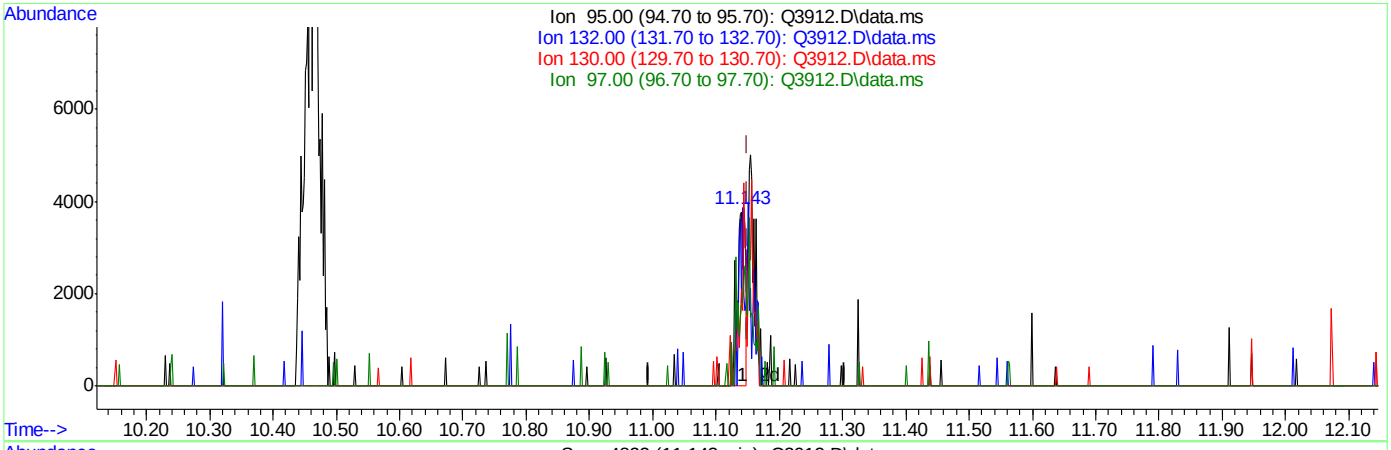
response 4498

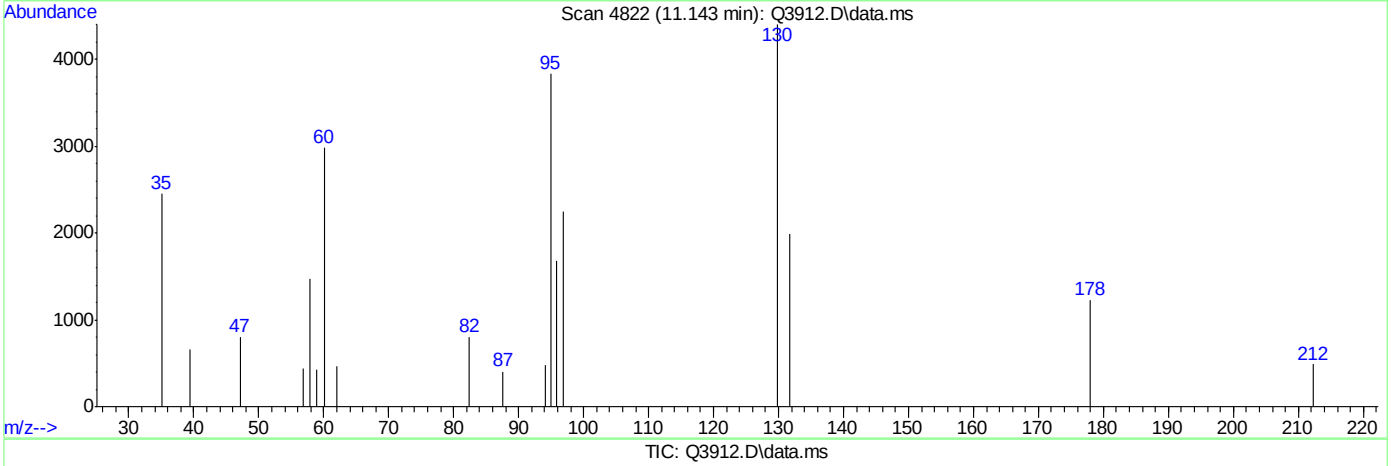
Ion	Exp%	Act%
84.00	100	100
56.00	177.10	94.46#
69.00	37.70	22.52
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(38) TRICHLOROETHYLENE (m)

11.143min (-0.007) 0.23PPBV

response 3391

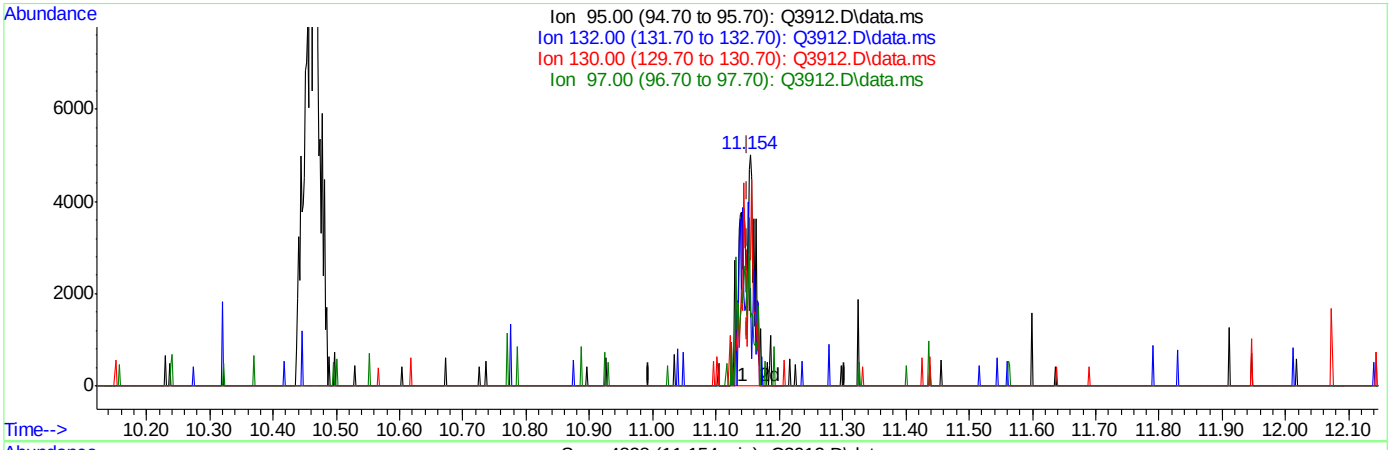
Ion	Exp%	Act%
95.00	100	100
132.00	92.20	66.53#
130.00	90.60	0.00#
97.00	64.20	0.00#

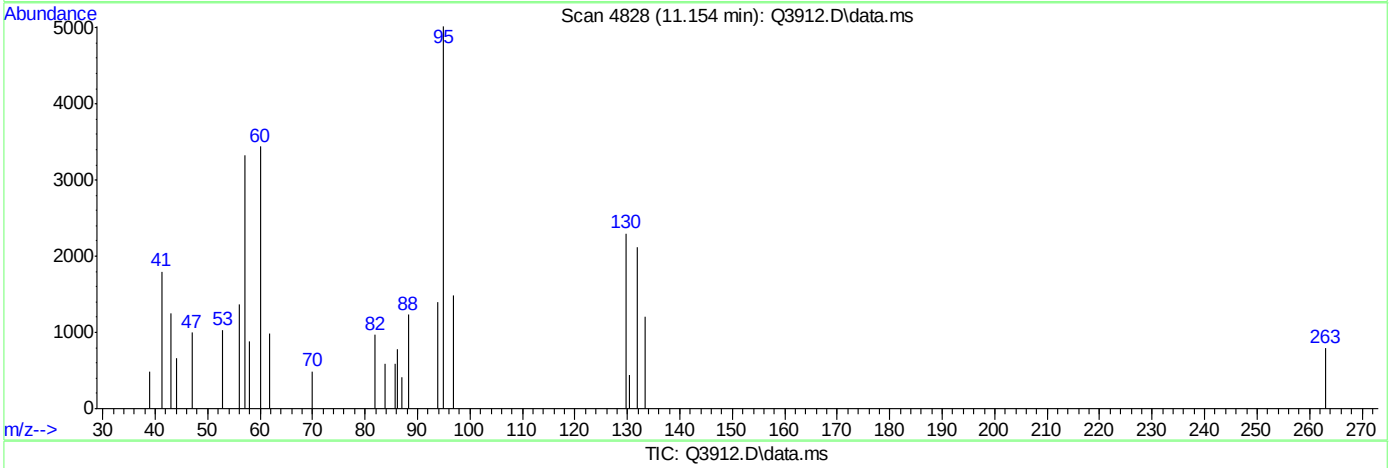
ACCUTEST Laboratories M66023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(38) TRICHLOROETHYLENE (m)

11.154min (+0.004) 0.49PPBV m

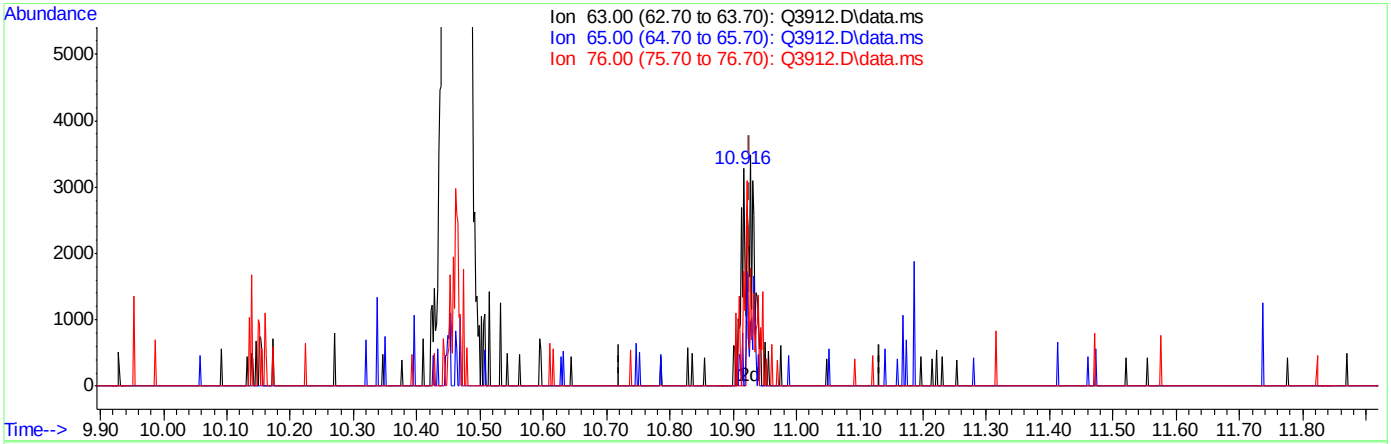
response 7254

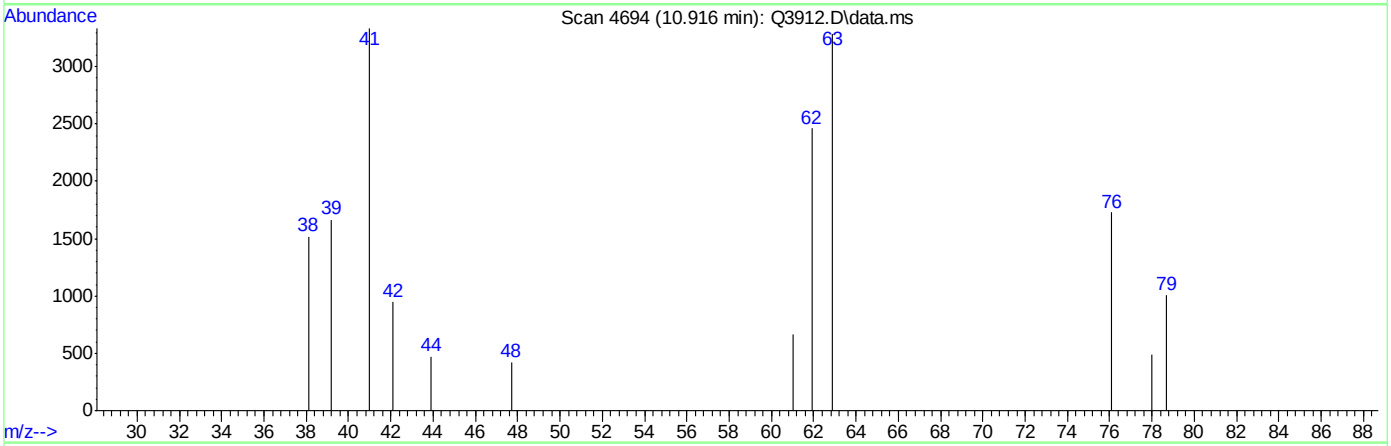
Ion	Exp%	Act%
95.00	100	100
132.00	92.20	31.10#
130.00	90.60	0.00#
97.00	64.20	0.00#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(39) 1,2-DICHLOROPROPANE (m)

10.916min (-0.011) 0.18PPBV

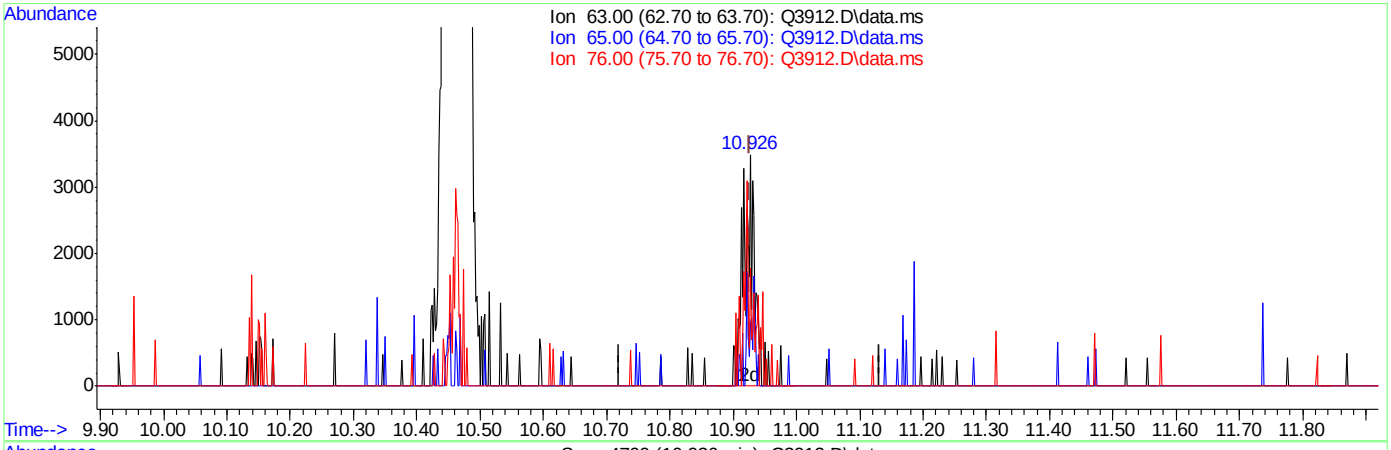
response 1518

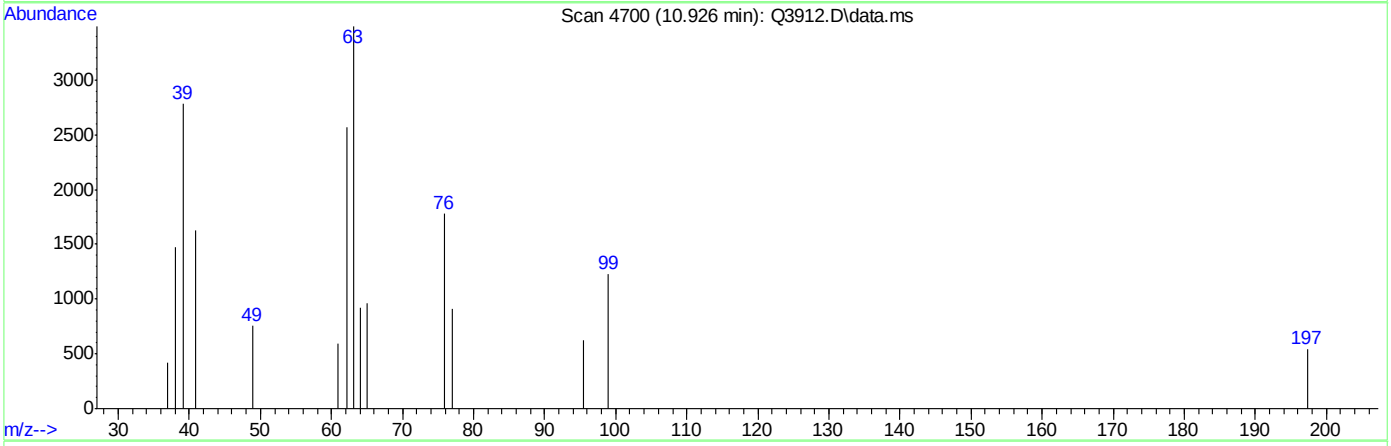
Ion	Exp%	Act%
63.00	100	100
65.00	28.60	68.05#
76.00	41.10	178.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(39) 1,2-DICHLOROPROPANE (m)

10.926min (+0.000) 0.50PPBV m

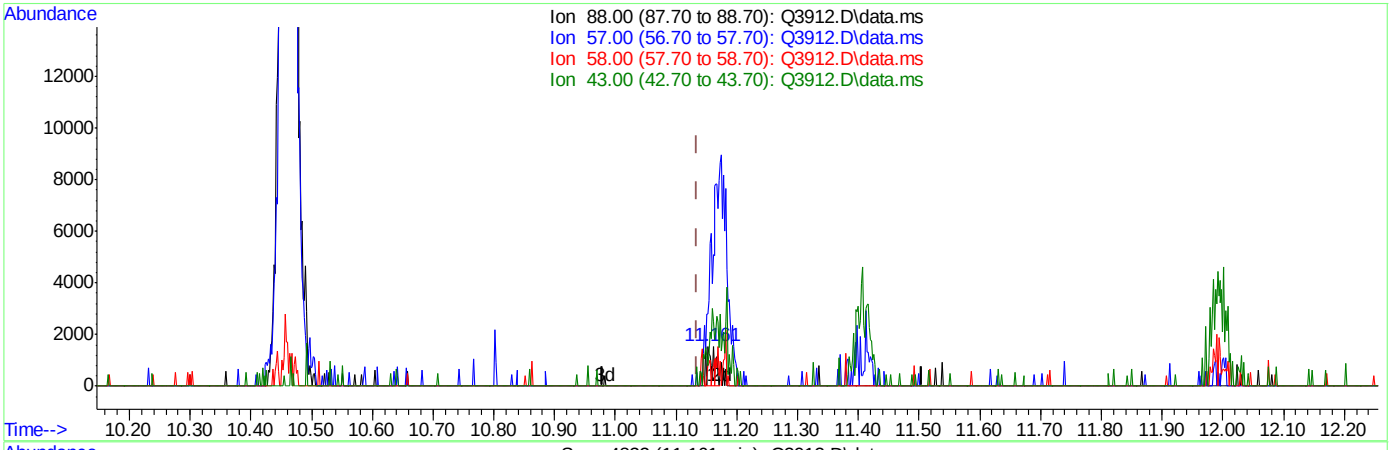
response 4174

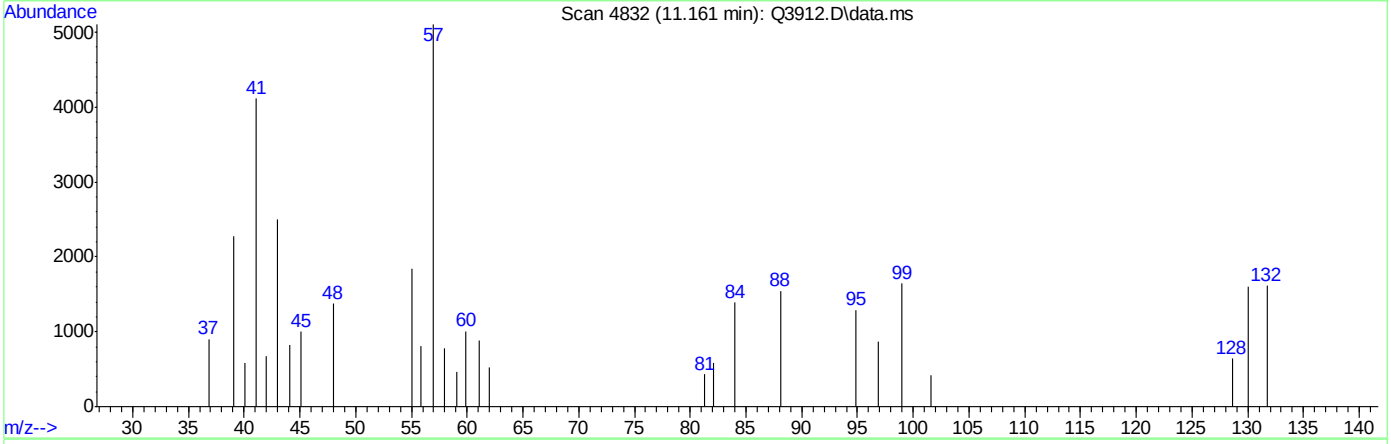
Ion	Exp%	Act%
63.00	100	100
65.00	28.60	24.75
76.00	41.10	65.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(42) 1,4-DIOXANE (m)

11.161min (+0.026) 0.40PPBV

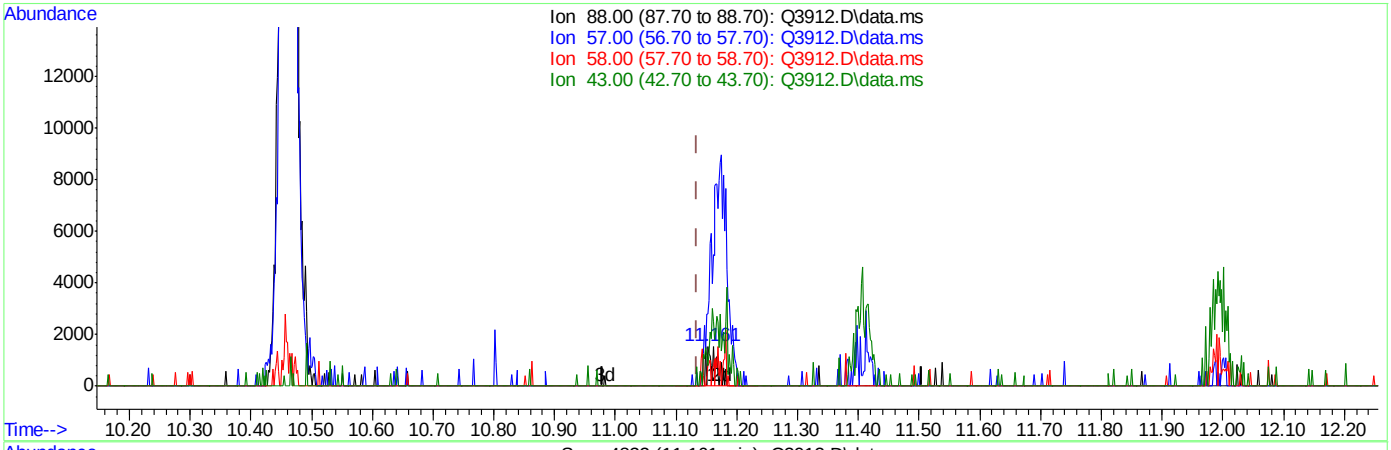
response 1272

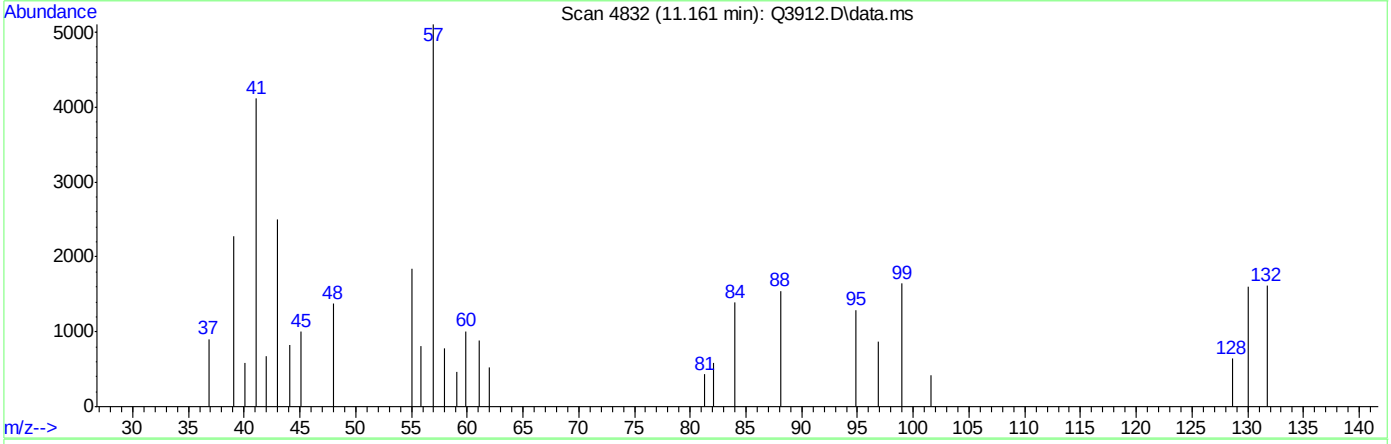
Ion	Exp%	Act%
88.00	100	100
57.00	45.40	330.06#
58.00	84.10	50.55#
43.00	40.20	162.12#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(42) 1,4-DIOXANE (m)

11.161min (+0.026) 0.50PPBV m

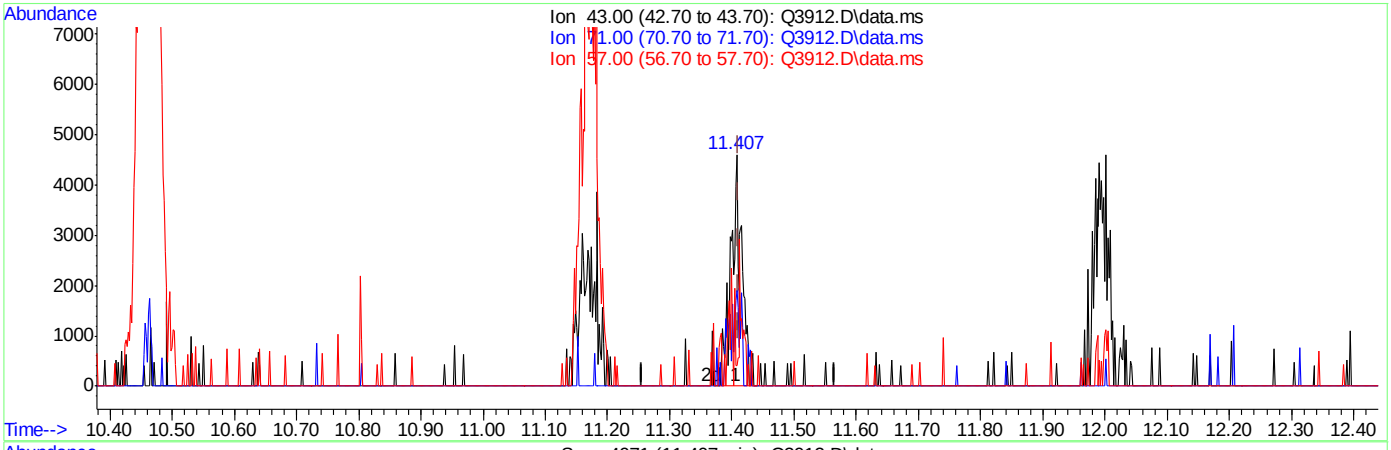
response 1576

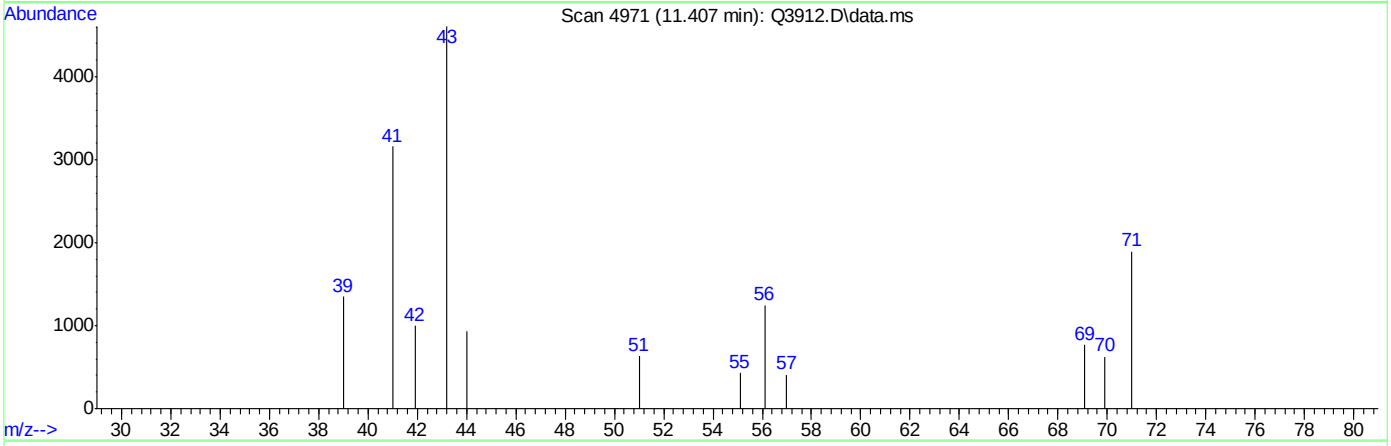
Ion	Exp%	Act%
88.00	100	100
57.00	45.40	330.06#
58.00	84.10	50.55#
43.00	40.20	162.12#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(43) HEPTANE (m)

11.407min (-0.003) 0.48PPBV

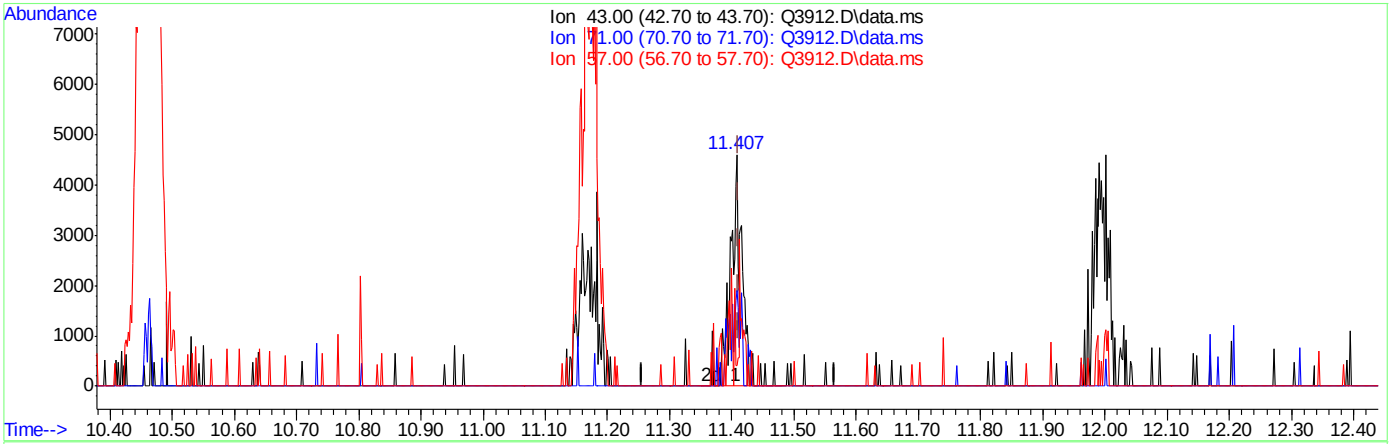
response 5707

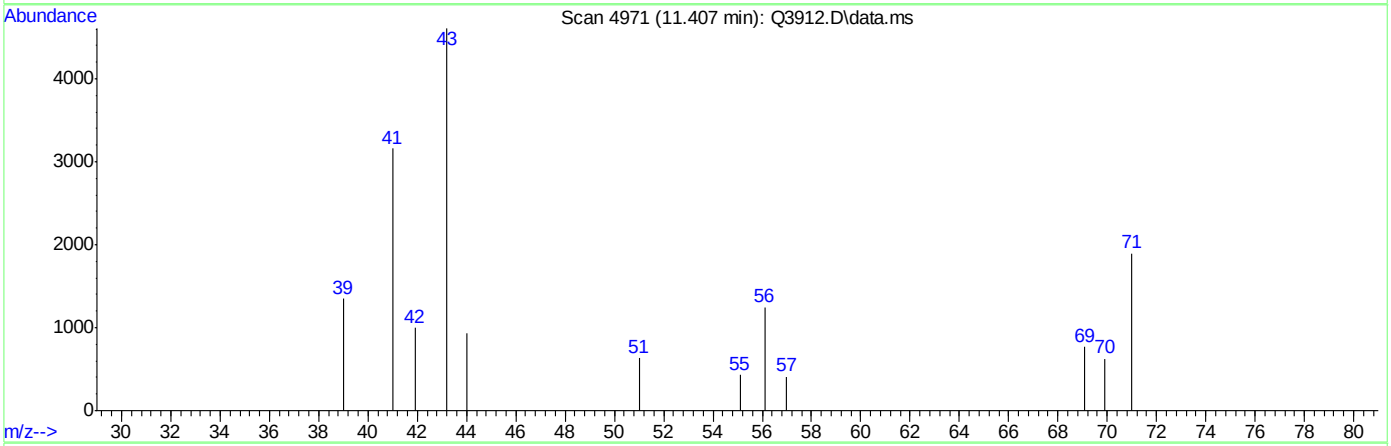
Ion	Exp%	Act%
43.00	100	100
71.00	40.90	42.44
57.00	54.60	18.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(43) HEPTANE (m)

11.407min (-0.003) 0.50PPBV m

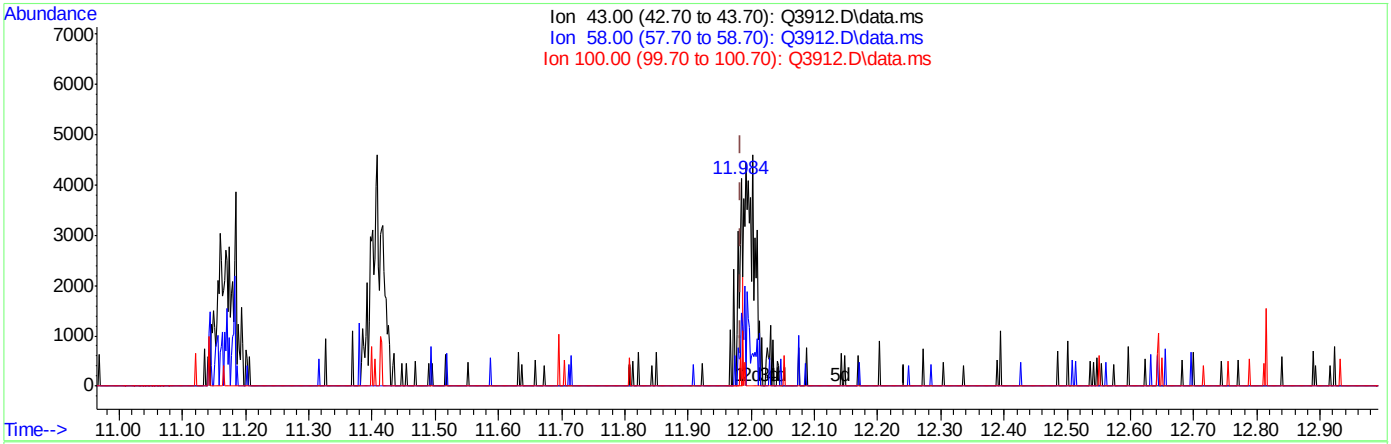
response 5975

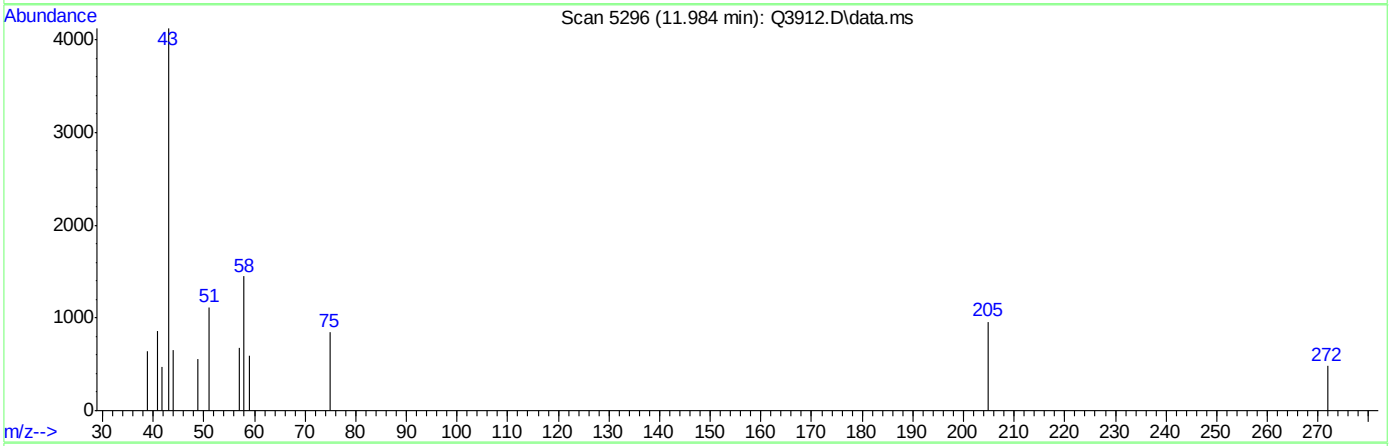
Ion	Exp%	Act%
43.00	100	100
71.00	40.90	40.54
57.00	54.60	17.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(44) METHYL ISOBUTYL KETONE (m)

11.984min (+0.000) 0.13PPBV

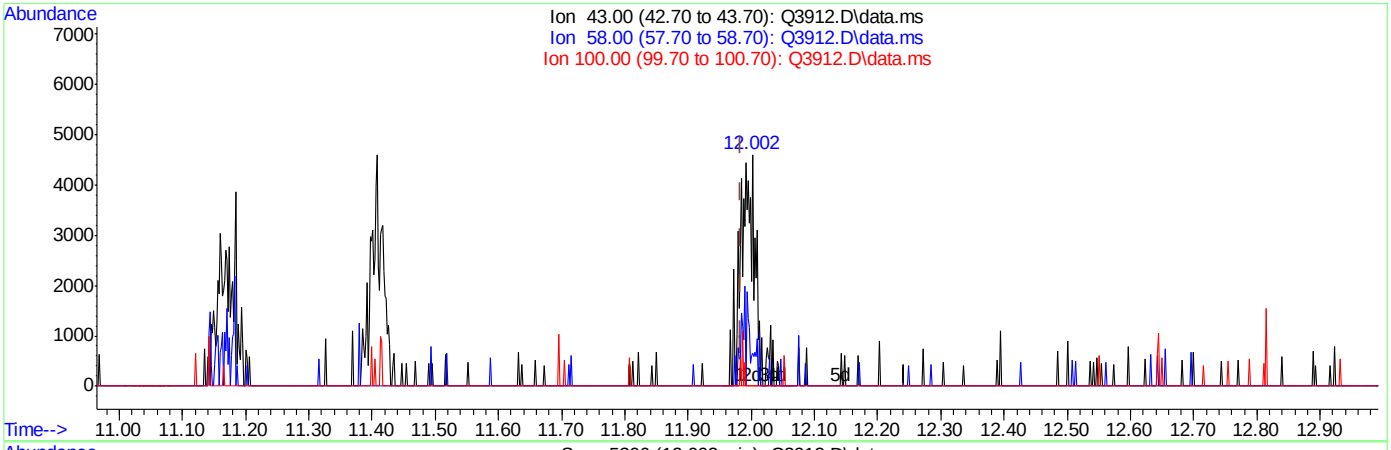
response 1999

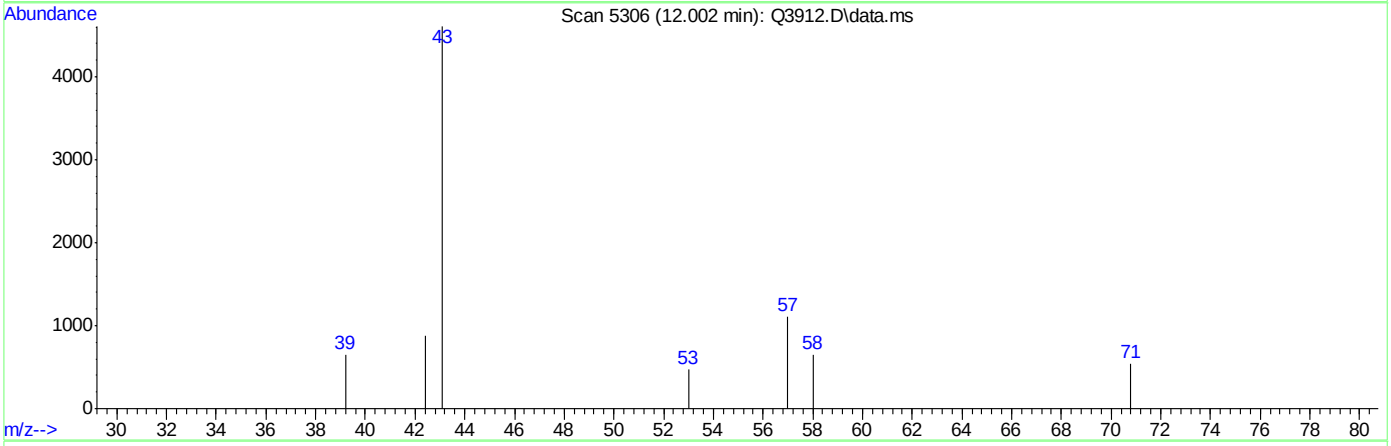
Ion	Exp%	Act%
43.00	100	100
58.00	39.30	95.75#
100.00	8.70	11.36
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(44) METHYL ISOBUTYL KETONE (m)

12.002min (+0.018) 0.50PPBV m

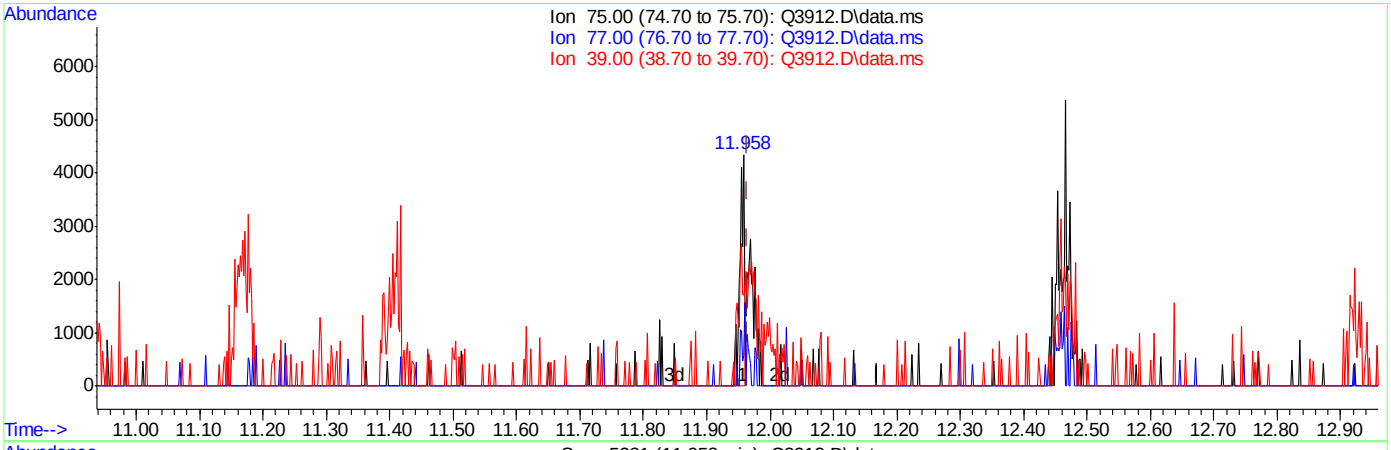
response 7449

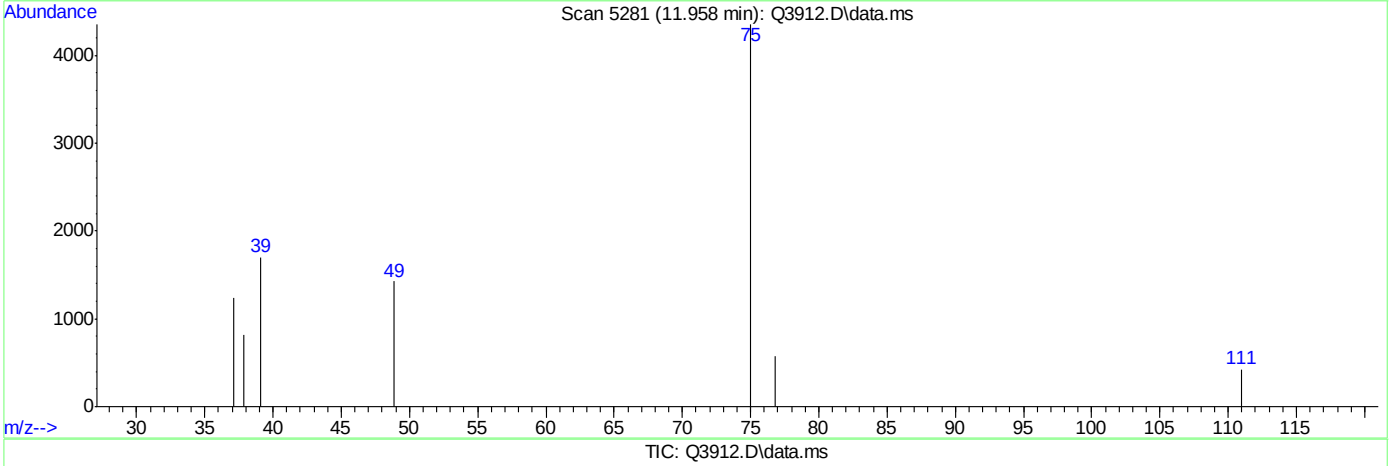
Ion	Exp%	Act%
43.00	100	100
58.00	39.30	25.69
100.00	8.70	3.05
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

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

11.958min (-0.007) 0.24PPBV

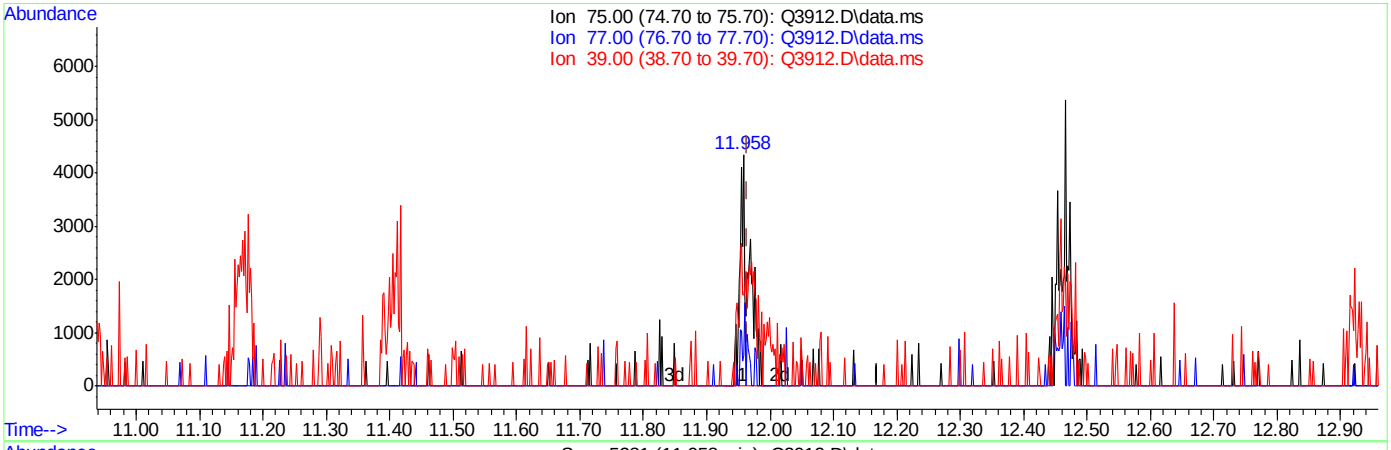
response 2130

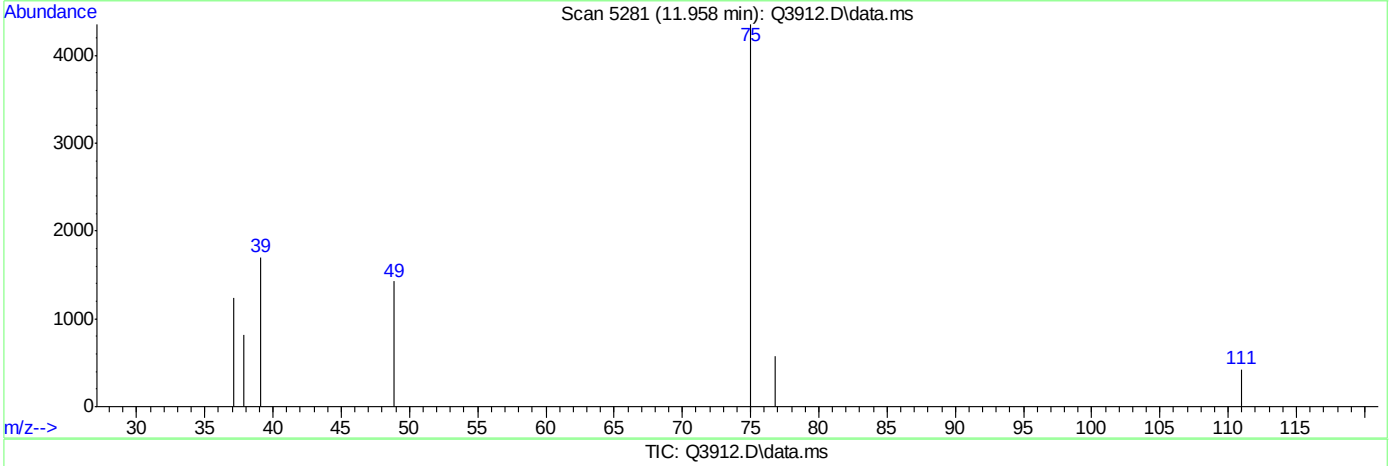
Ion	Exp%	Act%
75.00	100	100
77.00	31.60	39.11
39.00	87.50	99.34
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

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

11.958min (-0.007) 0.50PPBV m

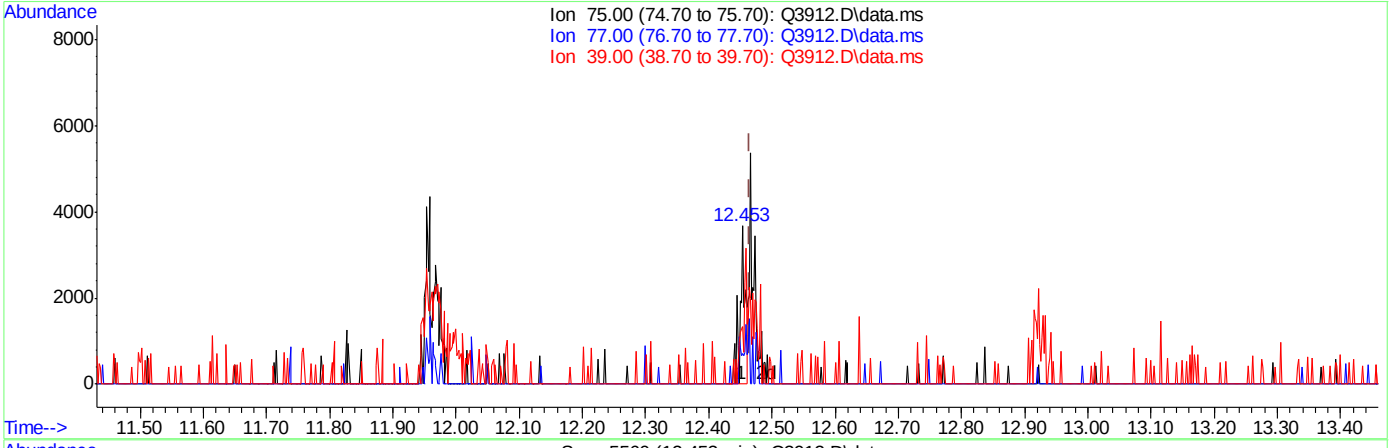
response 4416

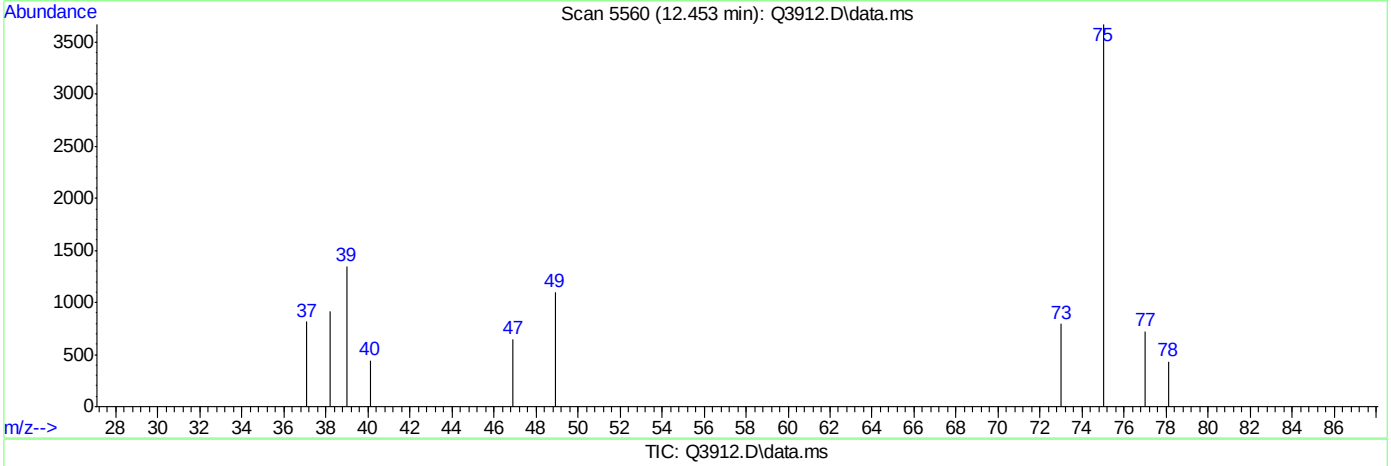
Ion	Exp%	Act%
75.00	100	100
77.00	31.60	18.86
39.00	87.50	47.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(47) trans-1,3-DICHLOROPROPENE (m)

12.453min (-0.013) 0.21PPBV

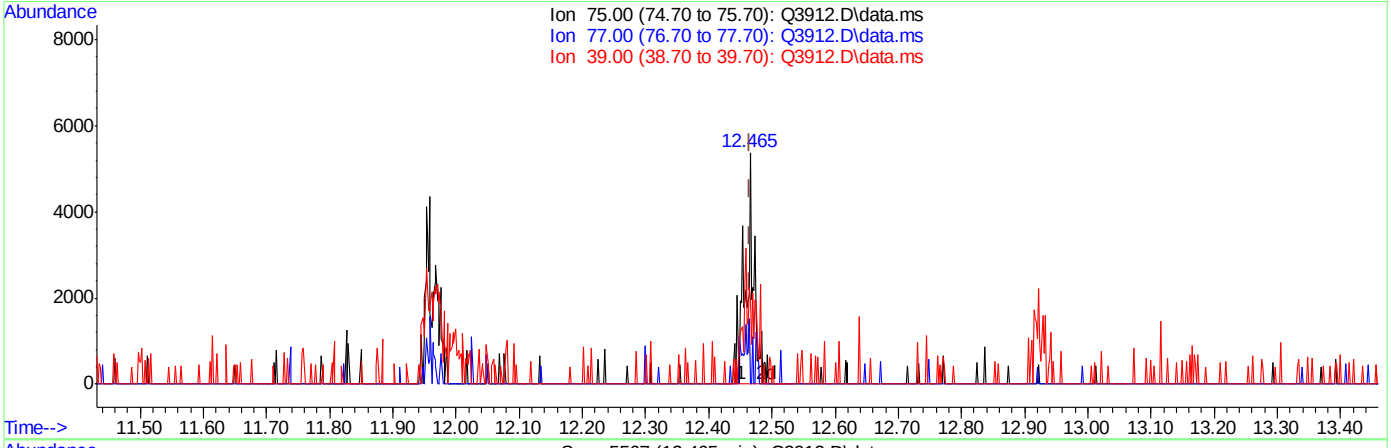
response 2081

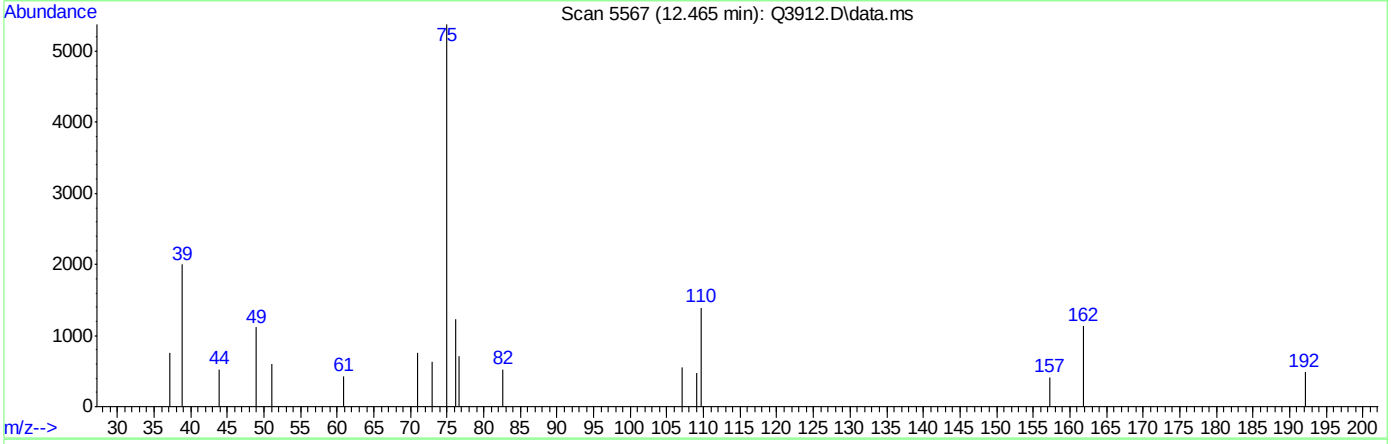
Ion	Exp%	Act%
75.00	100	100
77.00	31.60	52.62#
39.00	60.50	122.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(47) trans-1,3-DICHLOROPROPENE (m)

12.465min (-0.001) 0.50PPBV m

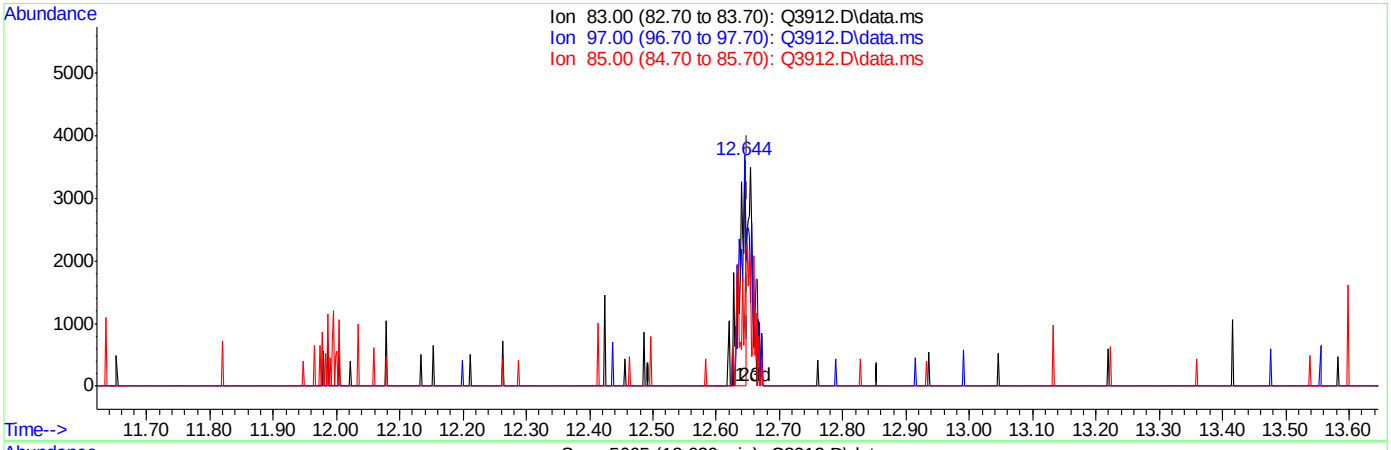
response 4884

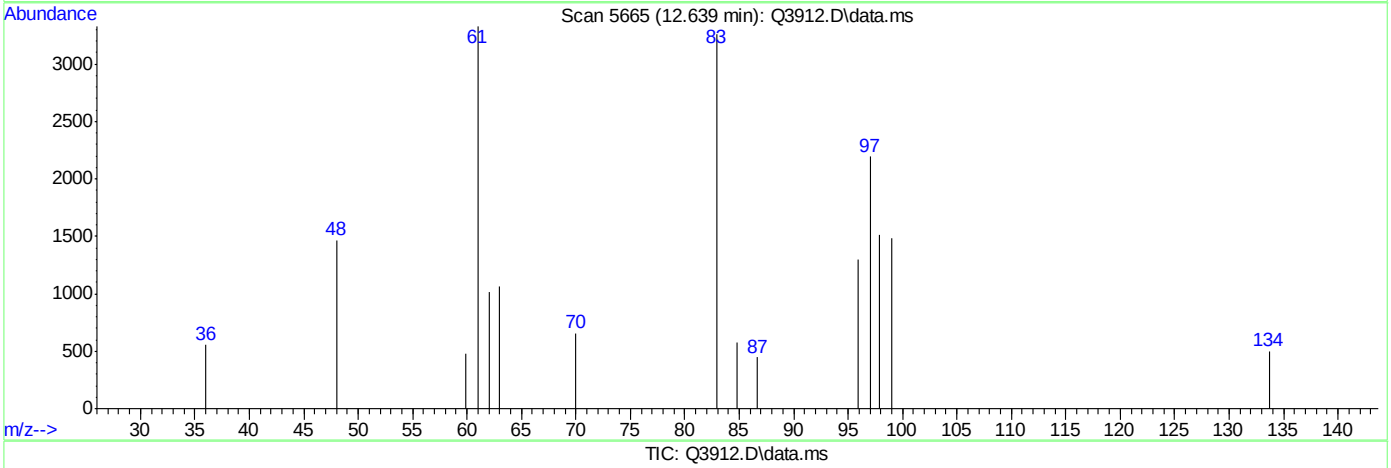
Ion	Exp%	Act%
75.00	100	100
77.00	31.60	22.42
39.00	60.50	52.23
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

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

12.639min (-0.011) 0.26PPBV

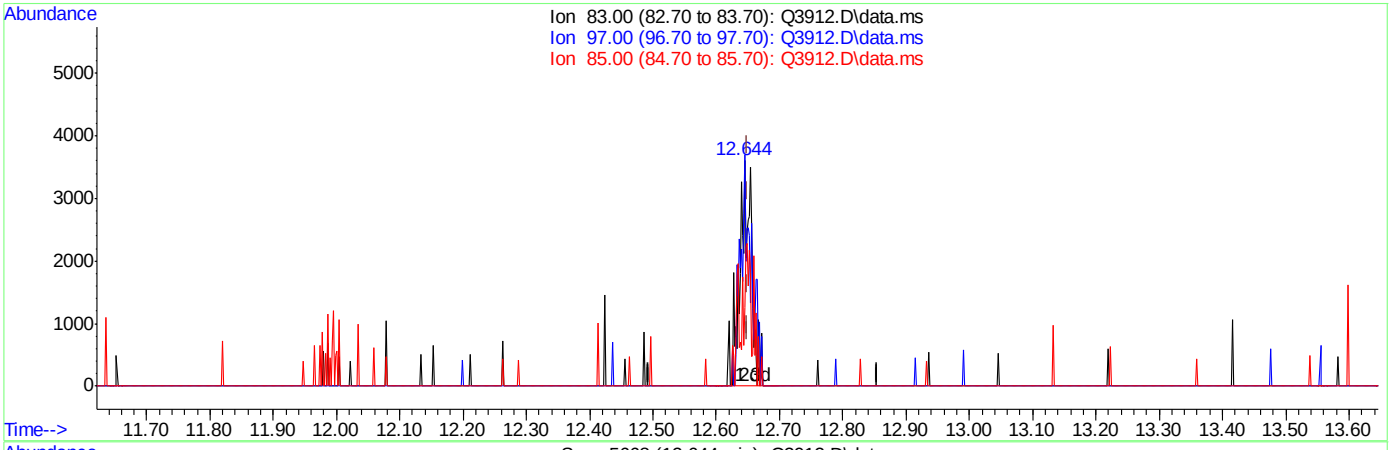
response 2381

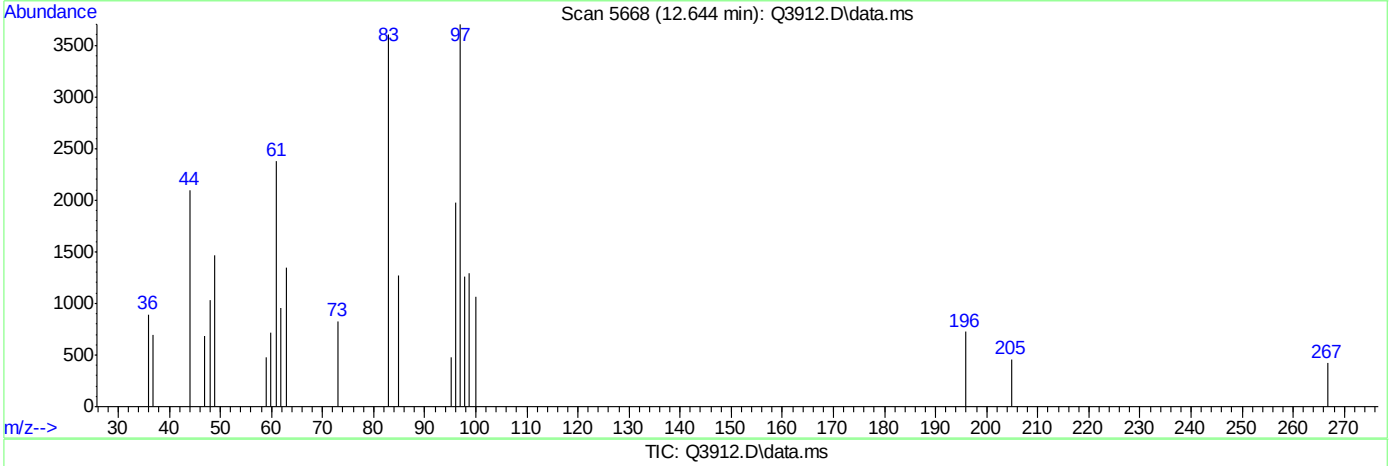
Ion	Exp%	Act%
83.00	100	100
97.00	113.20	158.80#
85.00	64.40	86.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

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

12.644min (-0.005) 0.50PPBV m

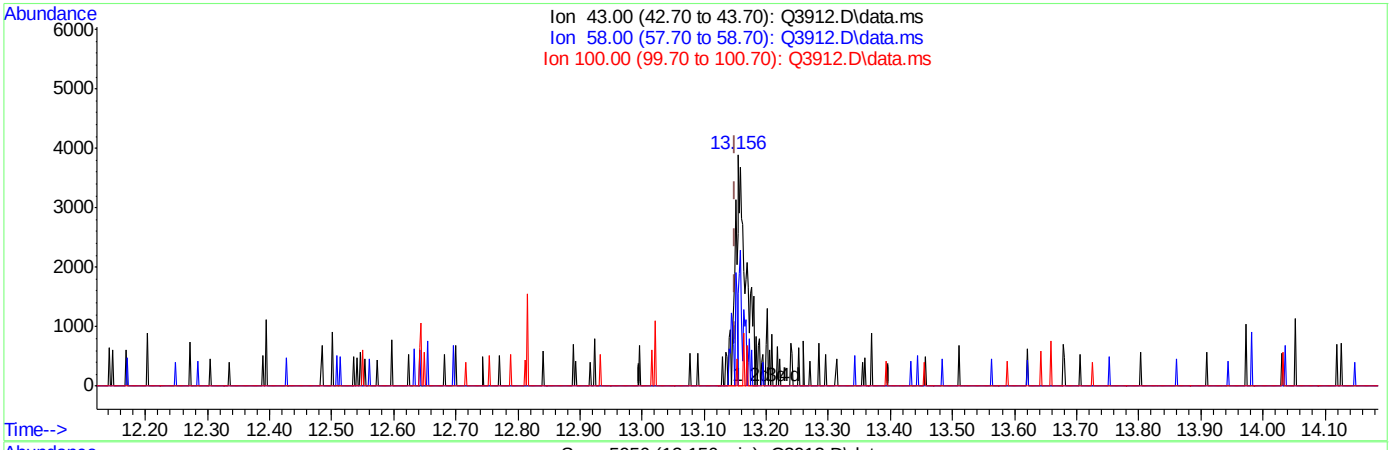
response 4595

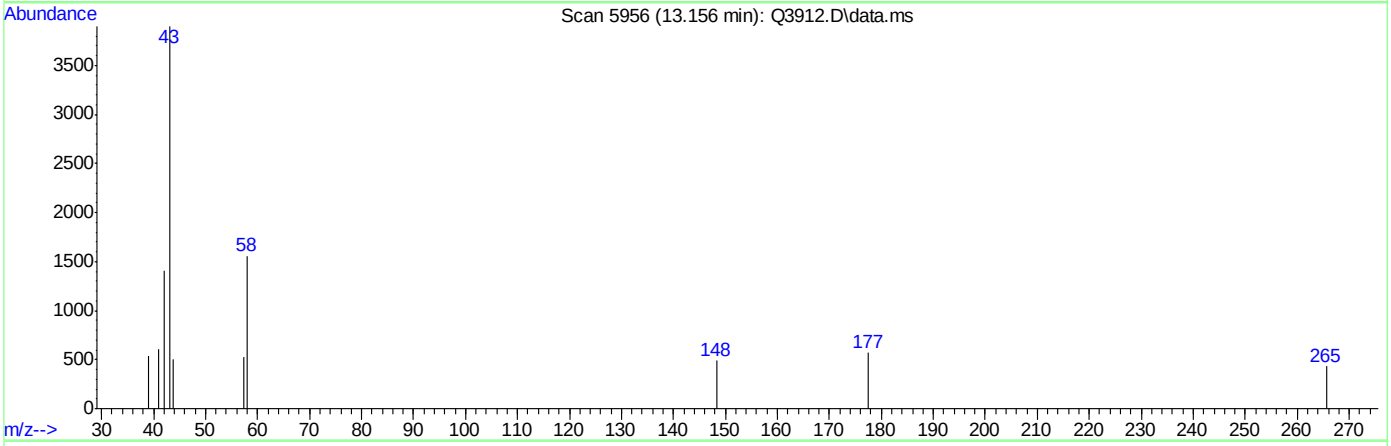
Ion	Exp%	Act%
83.00	100	100
97.00	113.20	82.29#
85.00	64.40	44.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(50) 2-HEXANONE (m)

13.156min (+0.005) 0.42PPBV

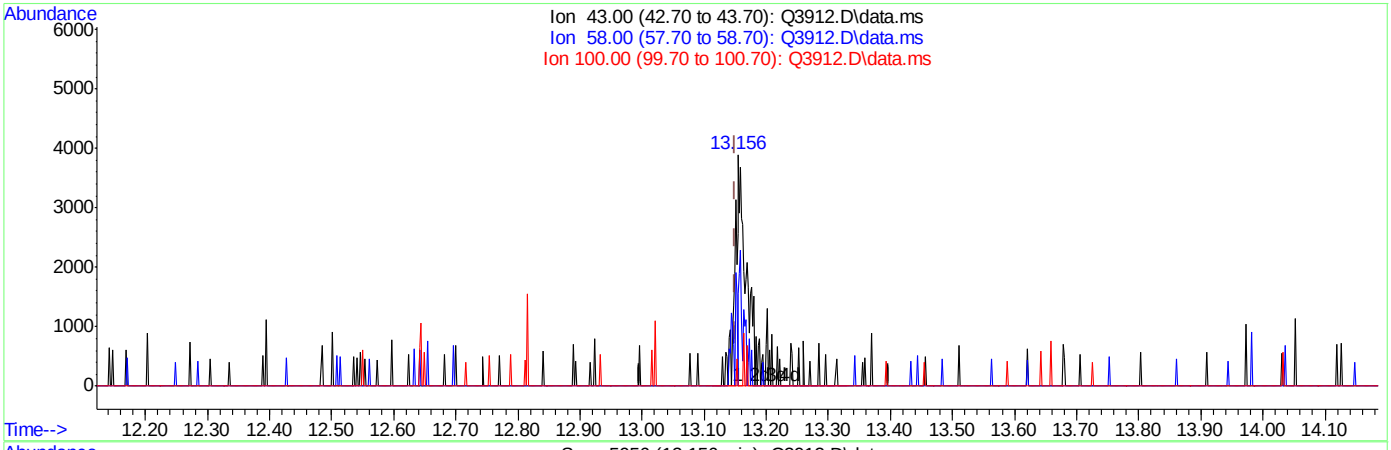
response 5095

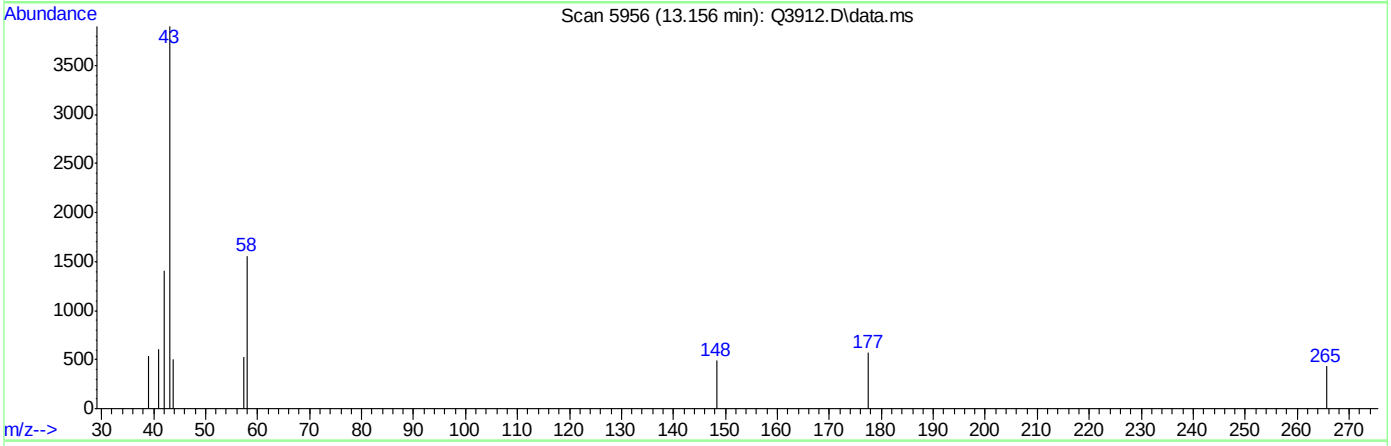
Ion	Exp%	Act%
43.00	100	100
58.00	52.00	26.03#
100.00	6.20	3.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(50) 2-HEXANONE (m)

13.156min (+0.005) 0.53PPBV m

response 6357

Ion	Exp%	Act%
43.00	100	100
58.00	52.00	20.86#
100.00	6.20	2.66
0.00	0.00	0.00

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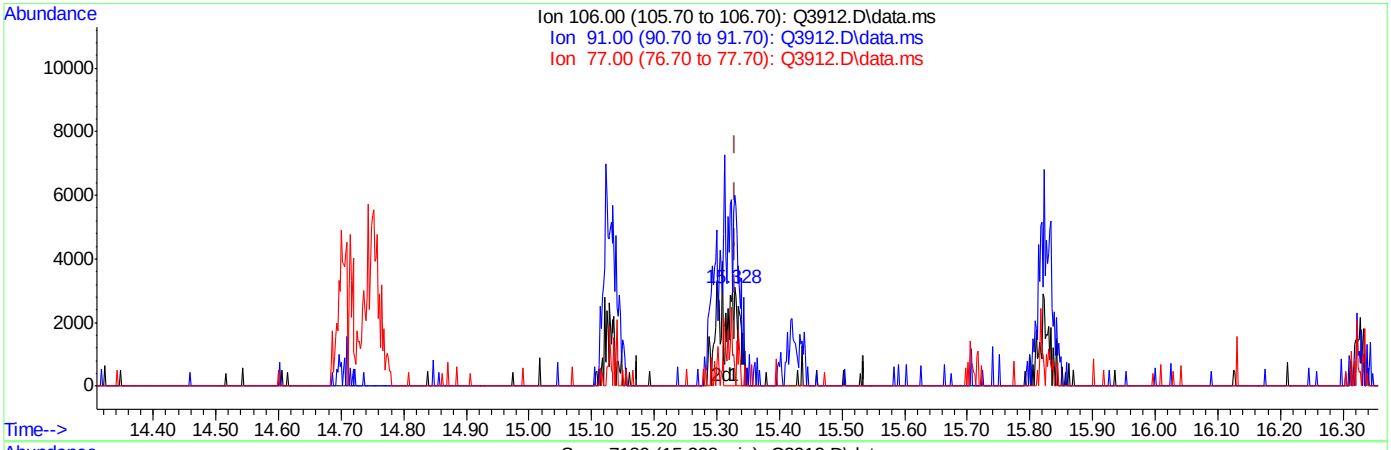
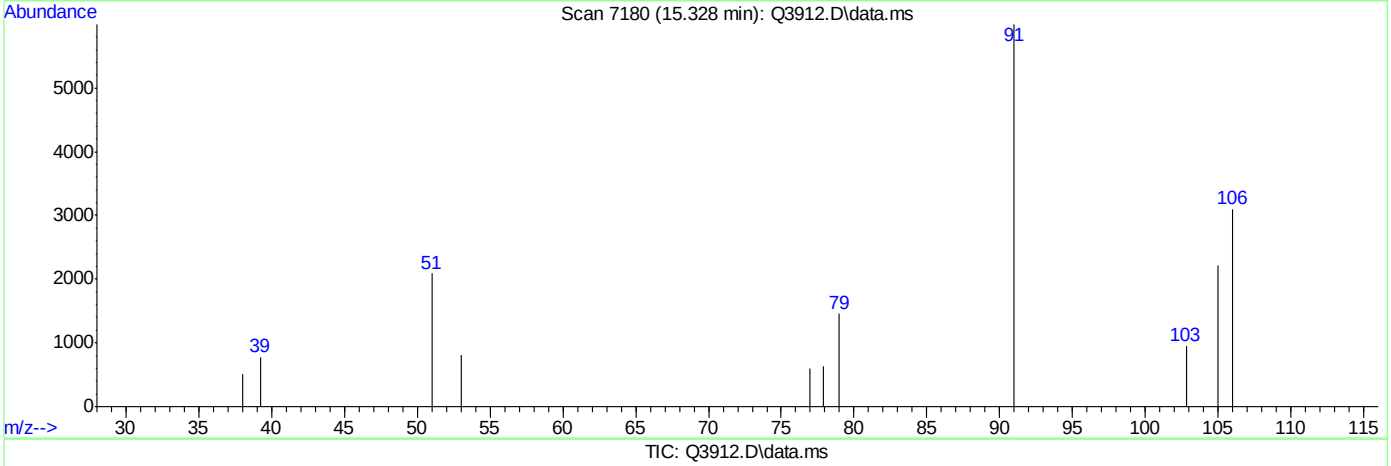
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(56) m,p-XYLENE (m)

15.328min (-0.001) 0.60PPBV

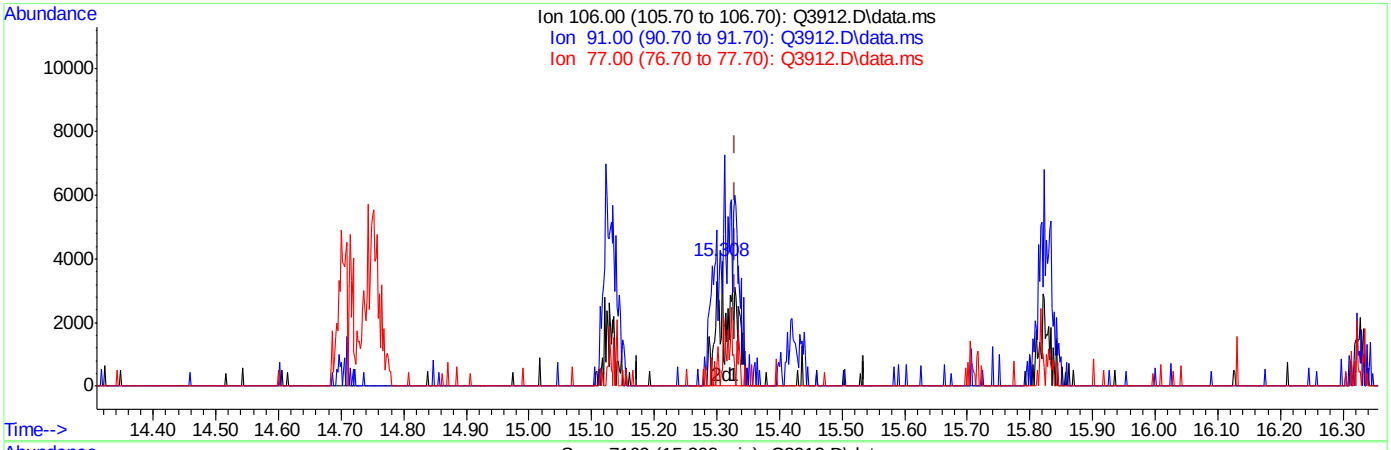
response 4111

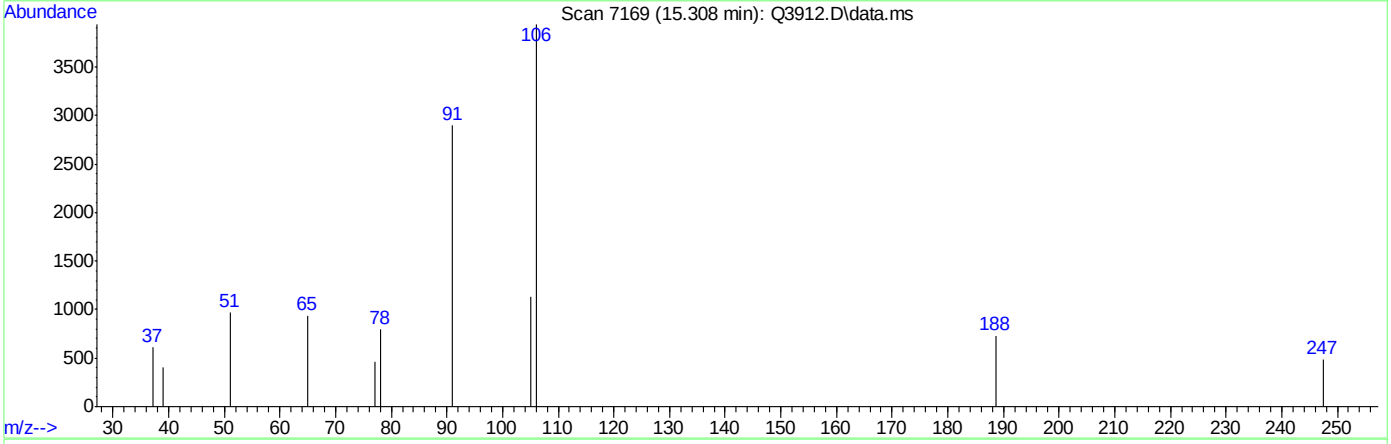
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	193.17
77.00	27.30	19.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(56) m,p-XYLENE (m)

15.308min (-0.021) 1.00PPBV m

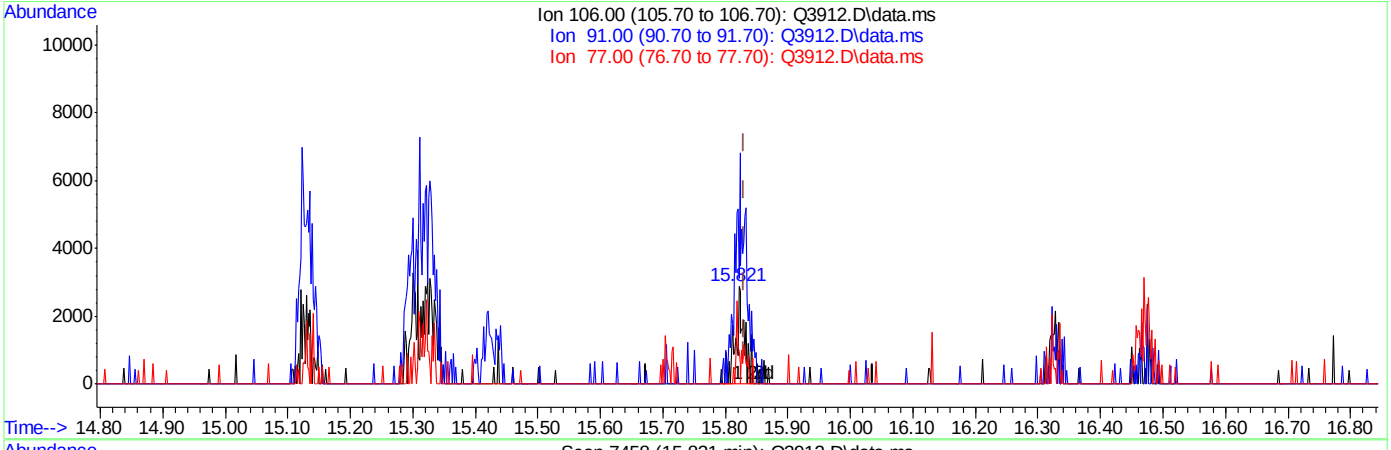
response 6857

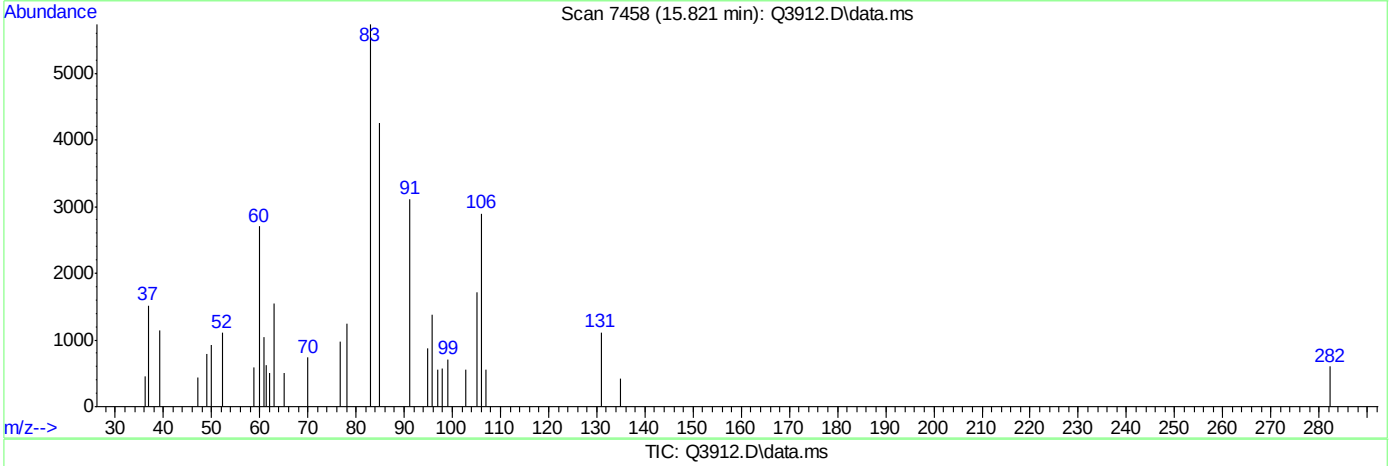
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	73.71#
77.00	27.30	11.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(57) o-XYLENE (m)

15.821min (-0.009) 0.46PPBV

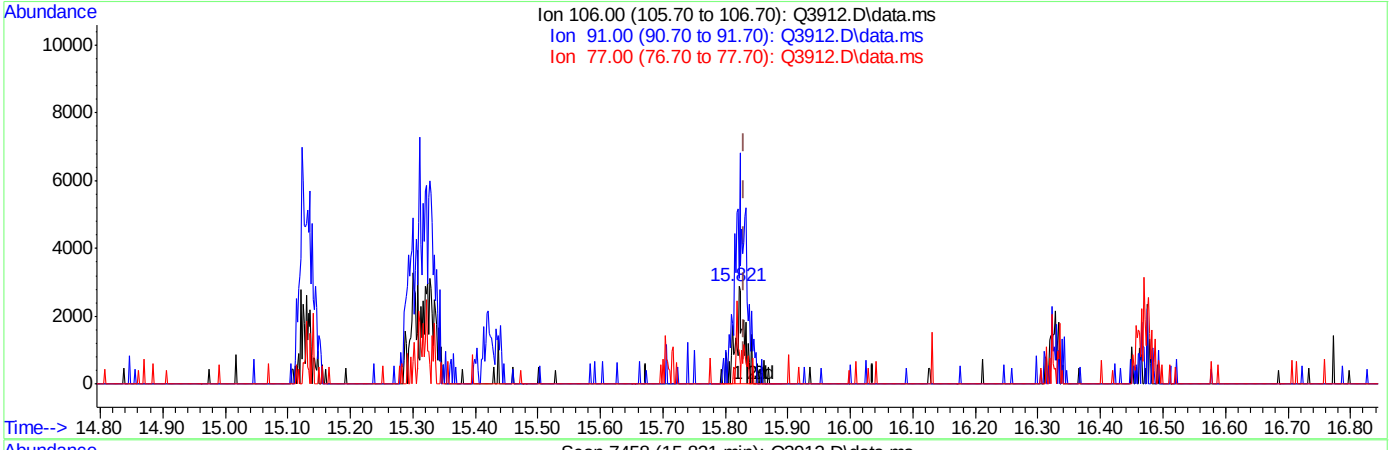
response 3005

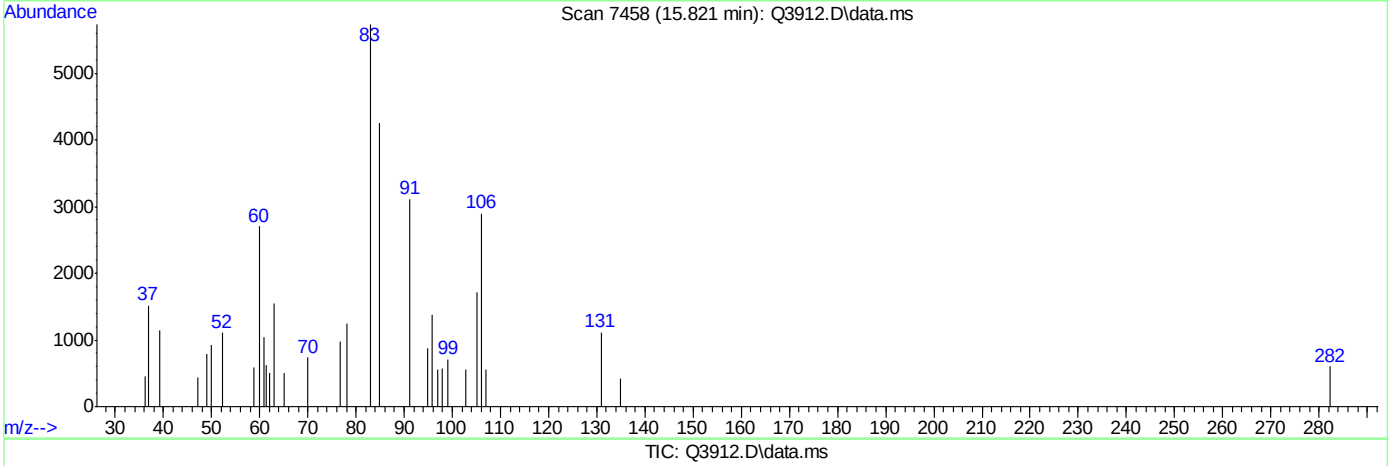
Ion	Exp%	Act%
106.00	100	100
91.00	216.20	278.57#
77.00	27.80	22.76
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(57) o-XYLENE (m)

15.821min (-0.009) 0.50PPBV m

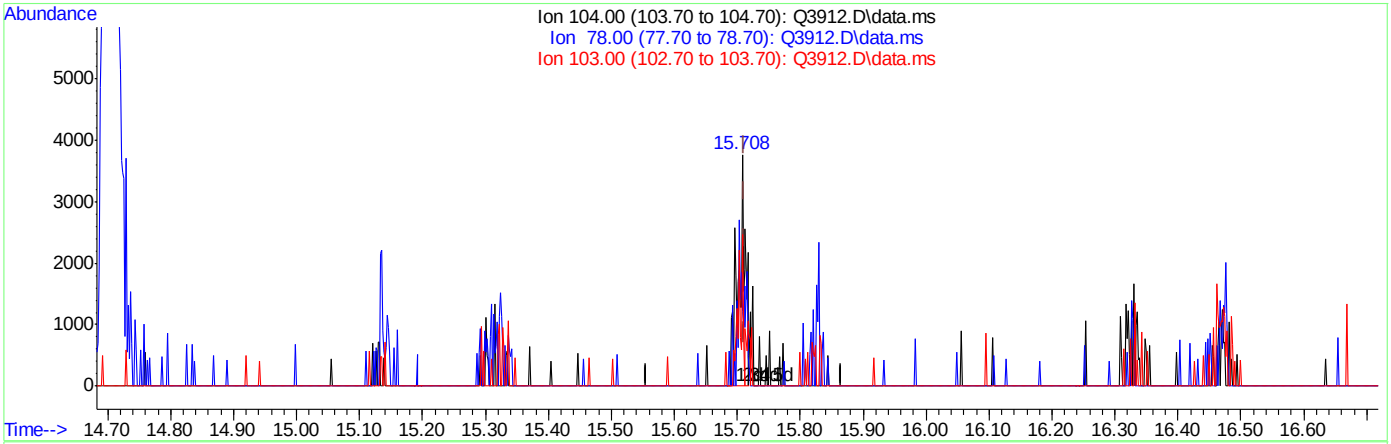
response 3293

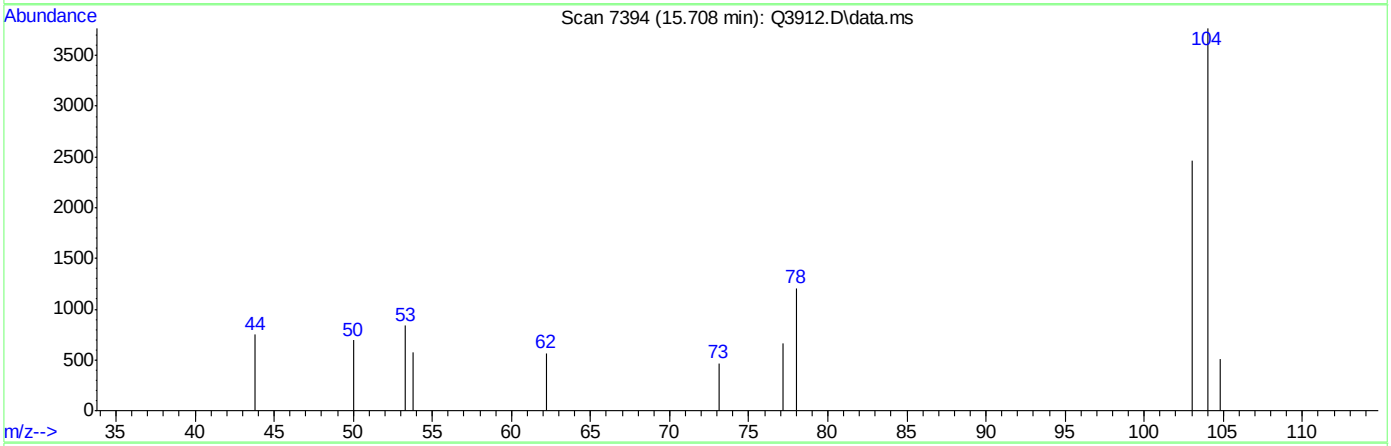
Ion	Exp%	Act%
106.00	100	100
91.00	216.20	254.21#
77.00	27.80	20.77
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(58) STYRENE (m)

15.708min (-0.003) 0.40PPBV

response 2947

Ion	Exp%	Act%
104.00	100	100
78.00	48.20	56.40
103.00	45.90	43.81
0.00	0.00	0.00

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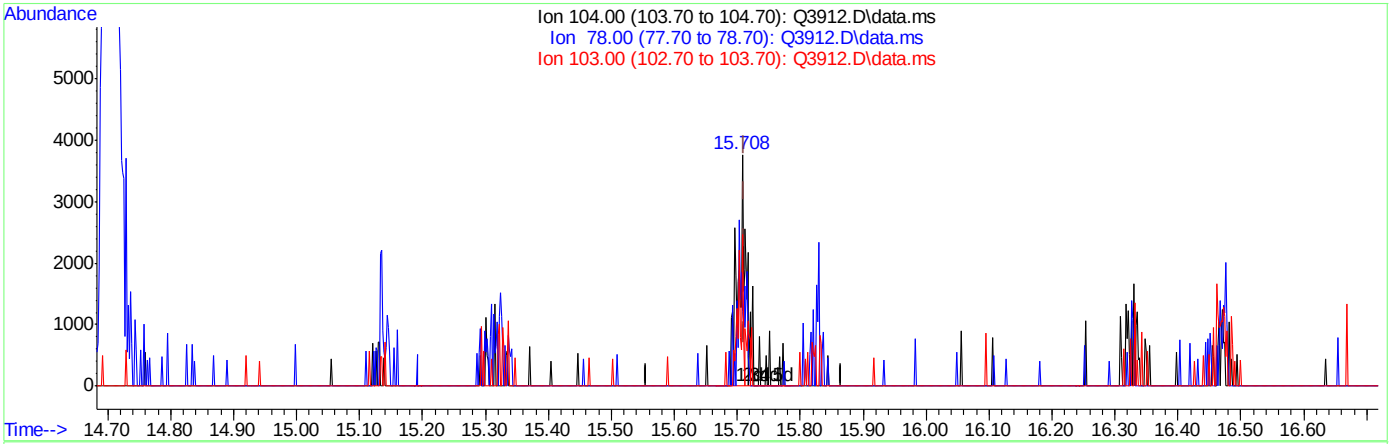
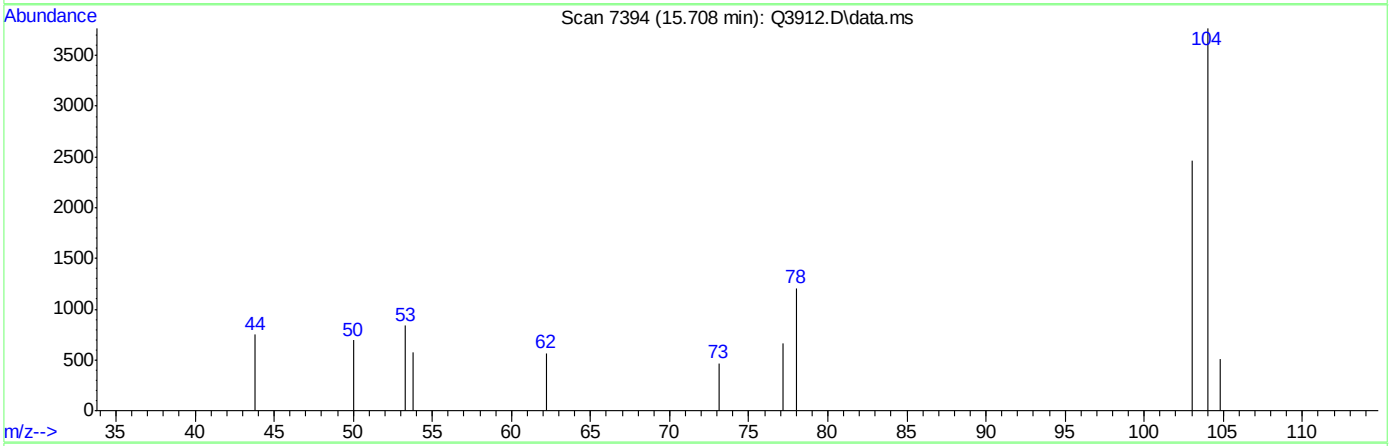
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(58) STYRENE (m)

15.708min (-0.003) 0.50PPBV m

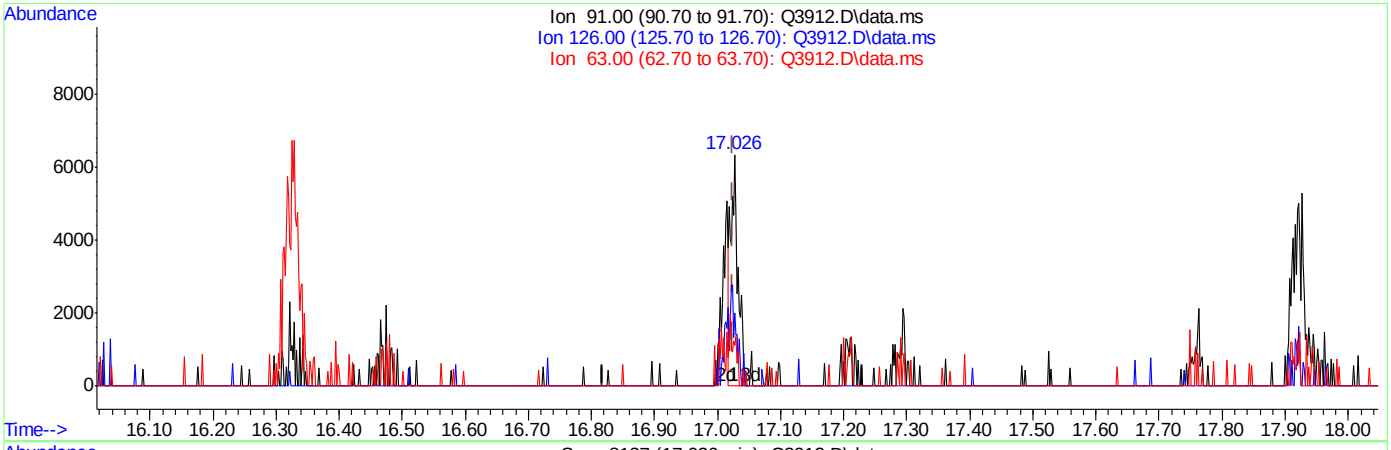
response 3718

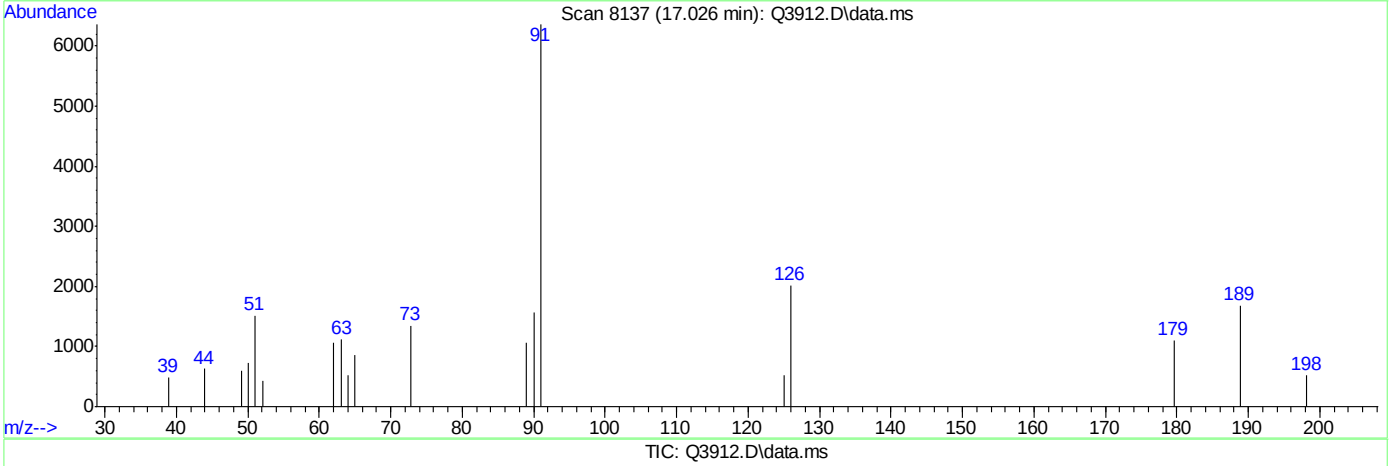
Ion	Exp%	Act%
104.00	100	100
78.00	48.20	44.70
103.00	45.90	34.72
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(64) 2-CHLOROTOLUENE (m)

17.026min (+0.002) 0.31PPBV

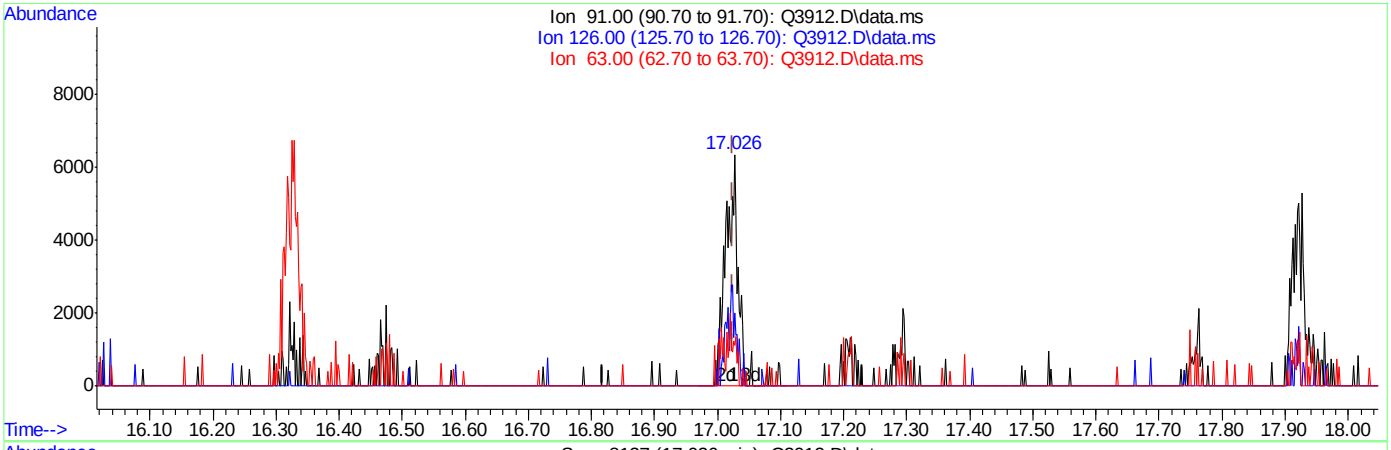
response 5181

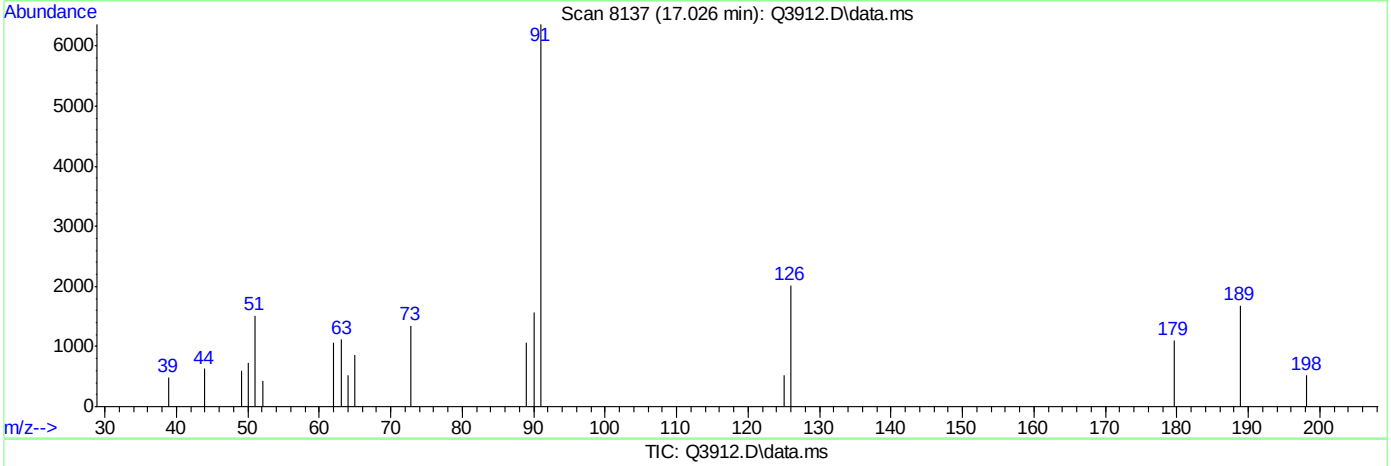
Ion	Exp%	Act%
91.00	100	100
126.00	33.10	54.53#
63.00	17.60	25.92
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(64) 2-CHLOROTOLUENE (m)

17.026min (+0.002) 0.51PPBV m

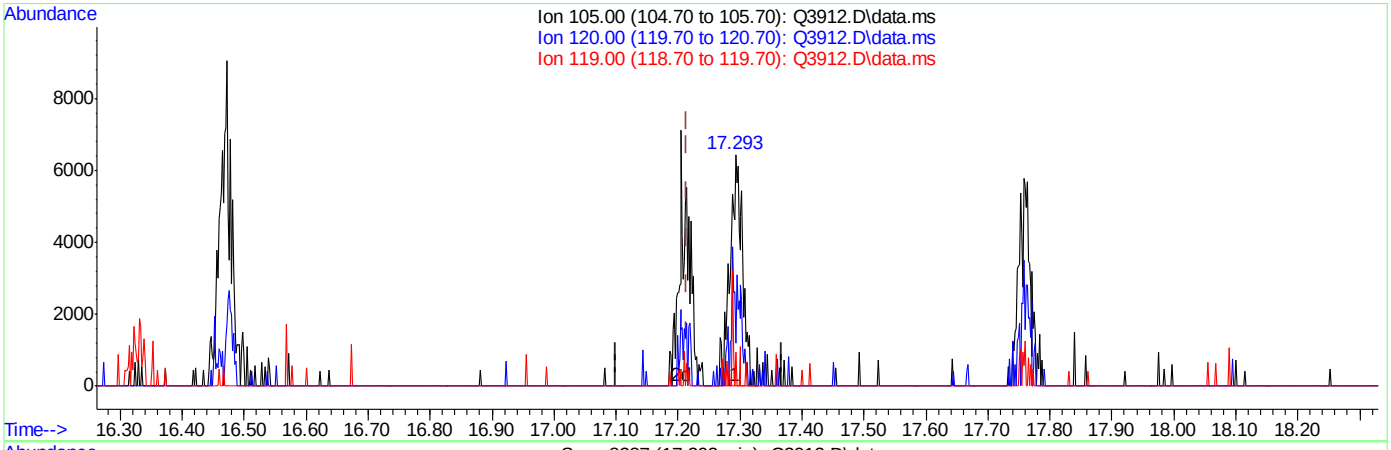
response 8718

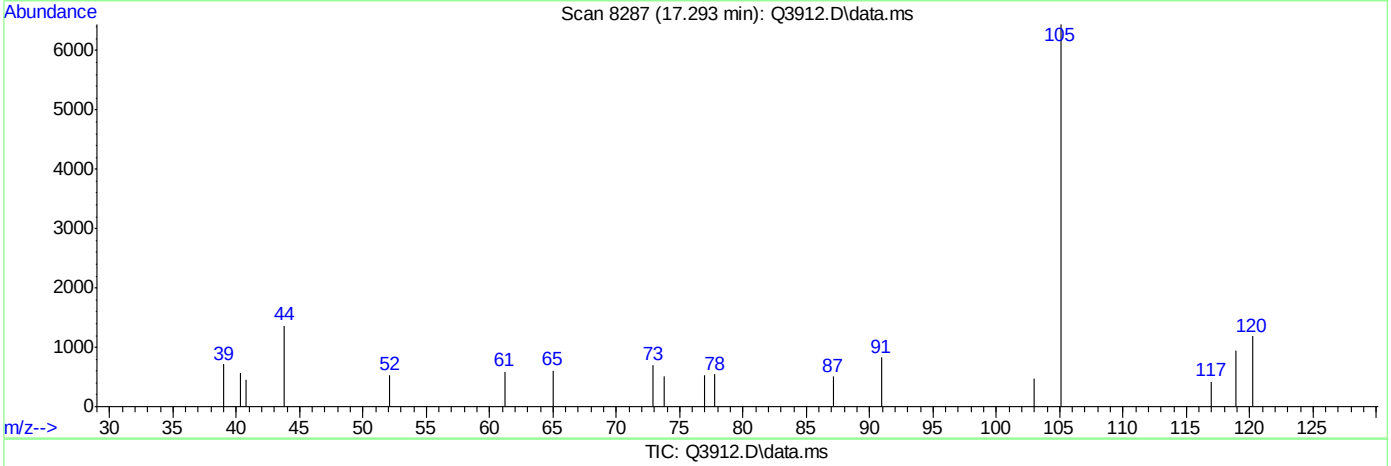
Ion	Exp%	Act%
91.00	100	100
126.00	33.10	32.40
63.00	17.60	15.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.293min (+0.079) 0.60PPBV

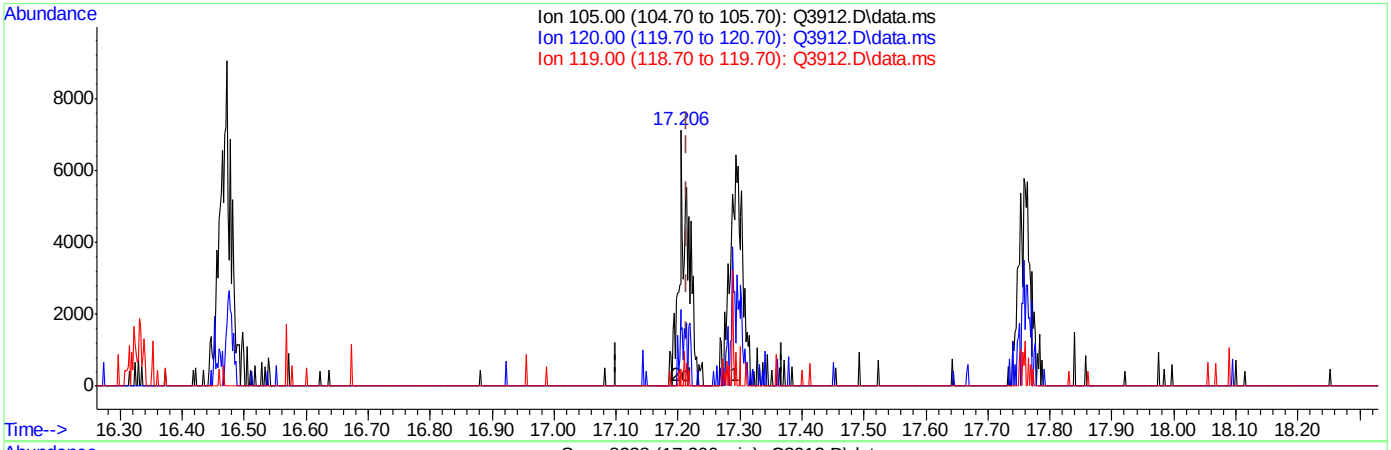
response 9316

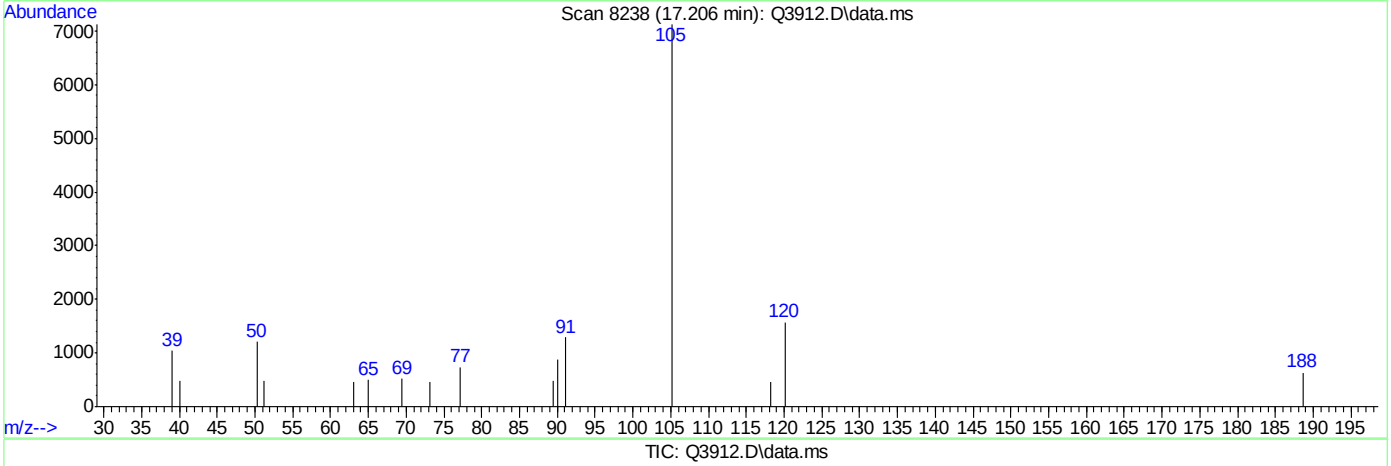
Ion	Exp%	Act%
105.00	100	100
120.00	29.20	41.14
119.00	2.10	6.38
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.206min (-0.008) 0.50PPBV m

response 7757

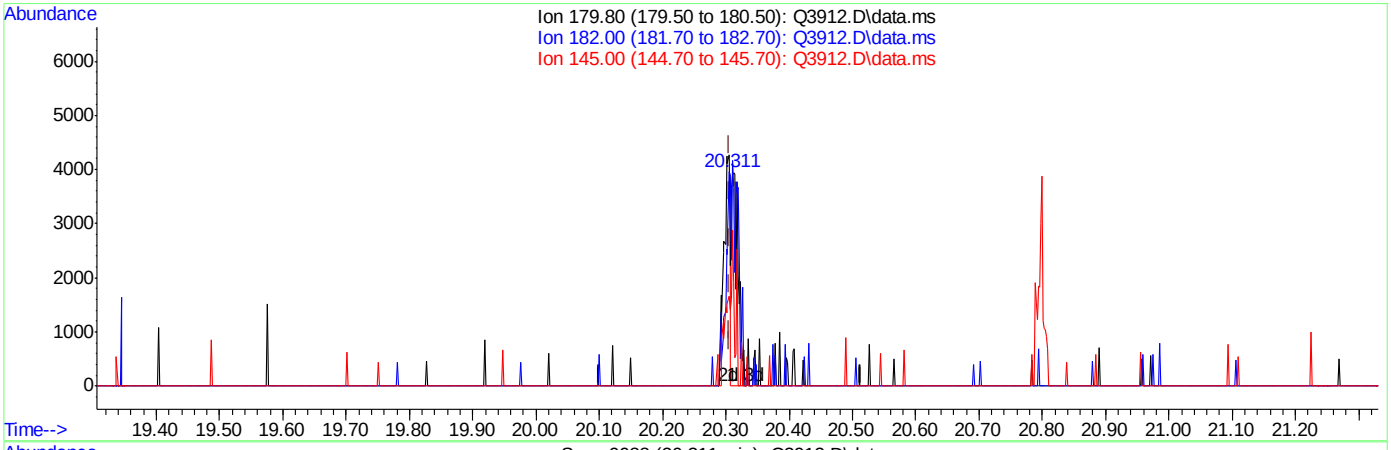
Ion	Exp%	Act%
105.00	100	100
120.00	29.20	49.41#
119.00	2.10	7.66
0.00	0.00	0.00

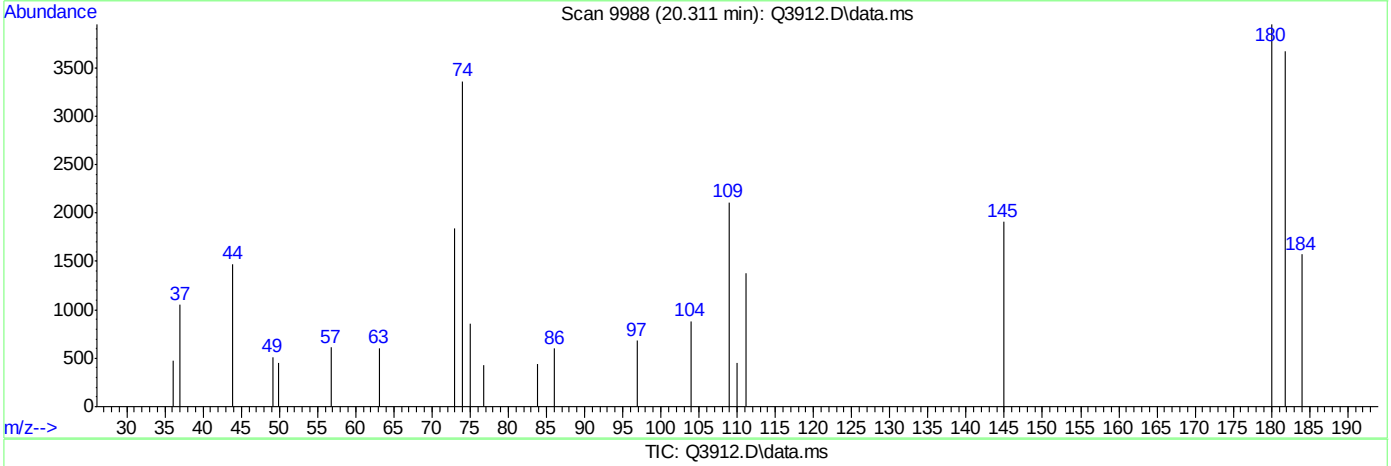
ACCUTEST Laboratories M66023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(73) 1,2,4-TRICHLOROBENZENE (m)

20.311min (+0.004) 0.25PPBV

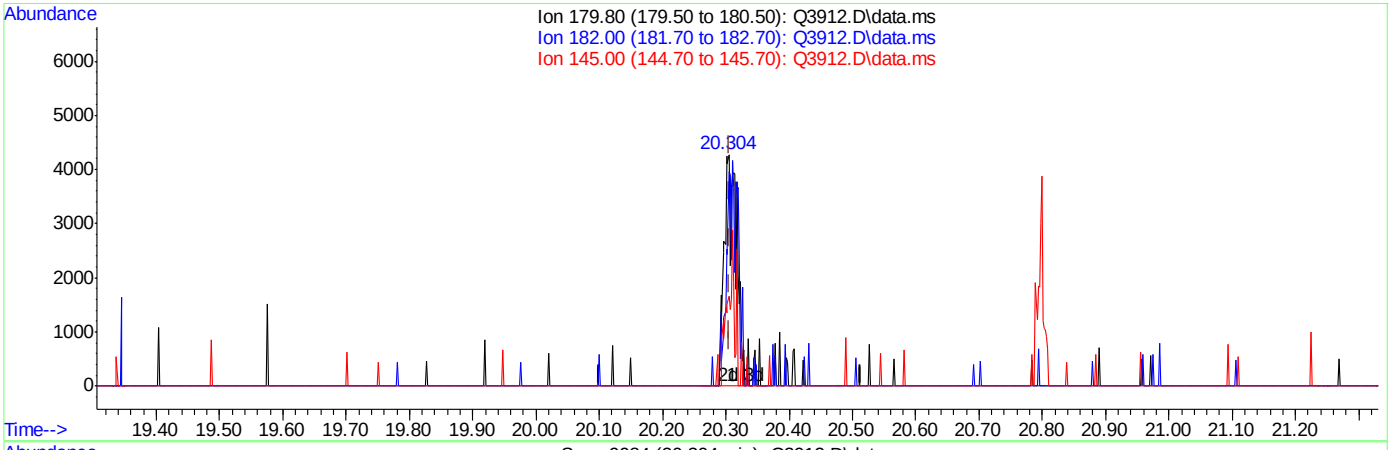
response 3018

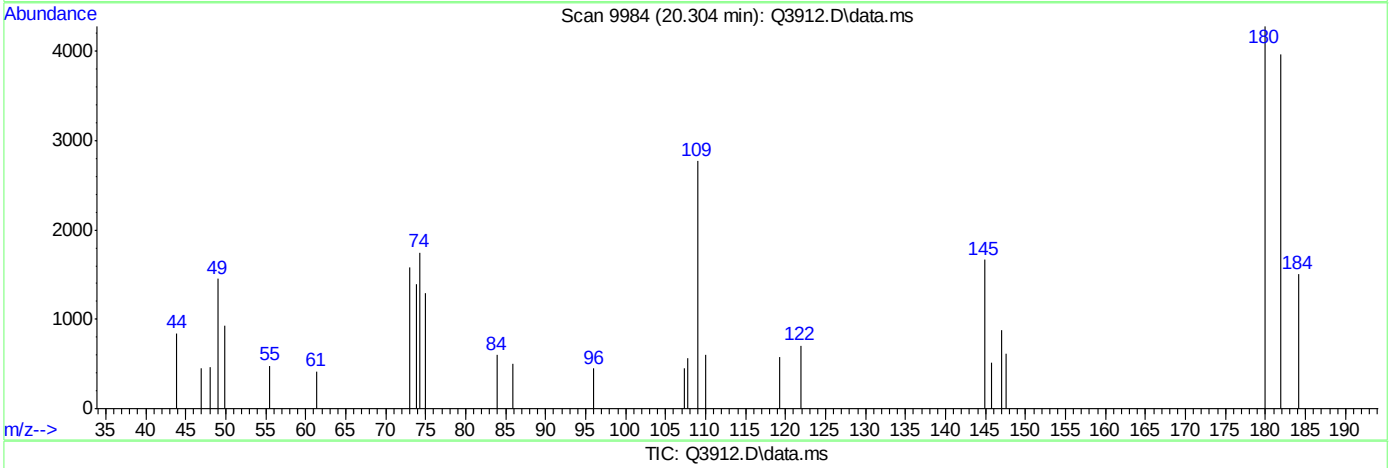
Ion	Exp%	Act%
179.80	100	100
182.00	95.40	166.34#
145.00	38.00	74.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3912.D
Acq On : 5 Jul 2007 4:44 pm
Operator : PhilipB
Sample : IC210-.5 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:12:48 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(73) 1,2,4-TRICHLOROBENZENE (m)

20.304min (-0.003) 0.50PPBV m

response 6043

Ion	Exp%	Act%
179.80	100	100
182.00	95.40	83.07
145.00	38.00	37.32
0.00	0.00	0.00

Q3913.D

Manual Integrations APPROVED (compounds with "m" flag)

Doug Yargeau 07/11/07 12:09

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:09:53 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	75541	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.461	114	343124	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.708	117	284891	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.325	95	112495	5.00	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 100.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.031	85	19283	0.20	PPBV #	66
3) PROPYLENE	3.973	41	3185m	0.20	PPBV	
4) FREON 114	4.296	85	15983m	0.20	PPBV	
5) CHLOROMETHANE	4.209	50	3512m	0.20	PPBV	
6) VINYL CHLORIDE	4.415	62	5078m	0.20	PPBV	
7) 1,3-BUTADIENE	4.541	39	4178m	0.21	PPBV	
8) BROMOMETHANE	4.827	94	5956m	0.20	PPBV	
9) CHLOROETHANE	4.992	64	1490m	0.20	PPBV	
10) TRICHLOROFLUOROMETHANE	5.792	101	22245m	0.20	PPBV	
11) ISOPROPYL ALCOHOL	5.851	45	8940m	0.20	PPBV	
12) ACETONE	5.620	43	13288m	0.20	PPBV	
13) PENTANE	6.136	42	6071	0.20	PPBV #	50
14) 1,1-DICHLOROETHYLENE	6.420	96	5408m	0.20	PPBV	
15) CARBON DISULFIDE	6.857	76	18218	0.19	PPBV #	69
16) ETHANOL	5.073	45	2181m	0.22	PPBV	
17) BROMOETHENE	5.359	106	4734m	0.20	PPBV	
18) METHYLENE CHLORIDE	6.543	84	20126m	0.20	PPBV	
19) 3-CHLOROPROPENE	6.656	39	5176m	0.18	PPBV	
20) FREON 113	6.797	151	12552m	0.20	PPBV	
21) TRANS-1,2-DICHLOROETHY...	7.469	96	5516m	0.20	PPBV	
22) TERTIARY BUTYL ALCOHOL	6.463	59	6717m	0.19	PPBV	
23) METHYL TERTIARY BUTYL ...	7.719	73	9188m	0.20	PPBV	
24) TETRAHYDROFURAN	9.161	42	613m	0.20	PPBV	
25) HEXANE	8.680	57	2975	0.19	PPBV #	17
26) VINYL ACETATE	7.796	43	7169m	0.18	PPBV	
27) 1,1-DICHLOROETHANE	7.668	63	8363m	0.20	PPBV	
28) METHYL ETHYL KETONE	8.050	43	3354m	0.19	PPBV	
29) cis-1,2-DICHLOROETHYLENE	8.465	96	1324m	0.20	PPBV	
30) ETHYL ACETATE	8.671	43	5225m	0.20	PPBV	
31) CHLOROFORM	8.754	83	6021	0.20	PPBV	90
32) 1,1,1-TRICHLOROETHANE	9.709	97	6974	0.20	PPBV #	58
33) CARBON TETRACHLORIDE	10.289	117	7857	0.20	PPBV	94
34) 1,2-DICHLOROETHANE	9.468	62	4080	0.20	PPBV #	79
36) BENZENE	10.154	78	3702	0.20	PPBV	73
37) CYCLOHEXANE	10.414	84	1396m	0.17	PPBV	
38) TRICHLOROETHYLENE	11.152	95	2823m	0.20	PPBV	
39) 1,2-DICHLOROPROPANE	10.930	63	1428m	0.20	PPBV	
40) BROMODICHLOROMETHANE	11.099	83	5336	0.20	PPBV	89
41) 2,2,4-TRIMETHYLPENTANE	11.178	57	5059m	0.20	PPBV	
42) 1,4-DIOXANE	11.168	88	815m	0.20	PPBV	
43) HEPTANE	11.399	43	1713m	0.20	PPBV	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:09:53 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration

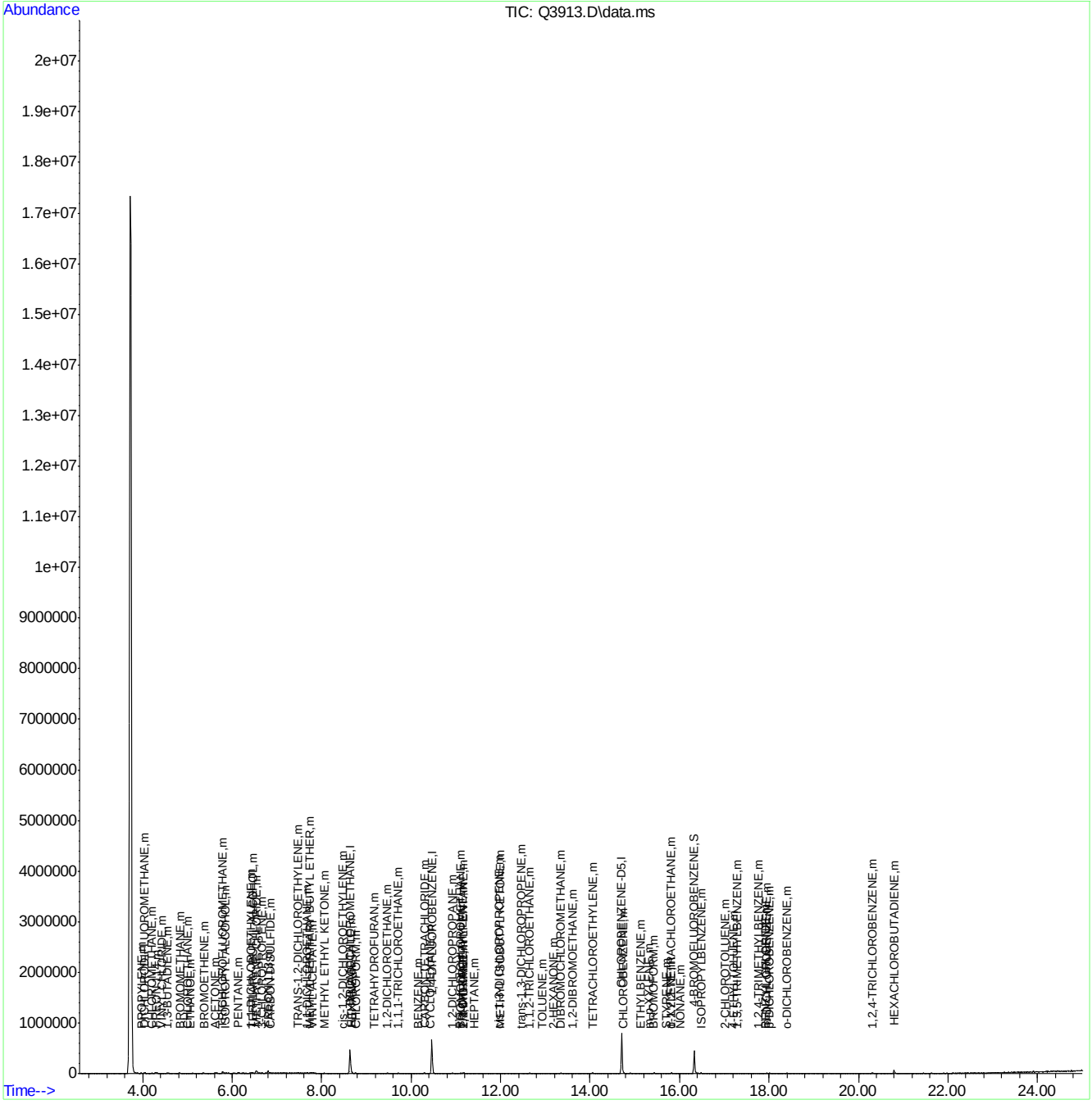
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.997	43	1962m	0.20	PPBV	
45) cis-1,3-DICHLOROPROPENE	11.958	75	2026m	0.20	PPBV	
46) TOLUENE	12.930	92	1881m	0.20	PPBV	
47) trans-1,3-DICHLOROPROPENE	12.455	75	1182m	0.20	PPBV	
48) 1,1,2-TRICHLOROETHANE	12.634	83	1784m	0.20	PPBV	
50) 2-HEXANONE	13.175	43	1815m	0.20	PPBV	
51) TETRACHLOROETHYLENE	14.061	164	1816	0.20	PPBV #	35
52) DIBROMOCHLOROMETHANE	13.351	129	3289	0.19	PPBV #	24
53) 1,2-DIBROMOETHANE	13.605	107	2510	0.20	PPBV #	67
54) CHLOROBENZENE	14.756	112	3428	0.18	PPBV #	57
55) ETHYLBENZENE	15.138	91	2331	0.19	PPBV #	65
56) m,p-XYLENE	15.312	106	1708m	0.40	PPBV	
57) o-XYLENE	15.823	106	1352m	0.20	PPBV	
58) STYRENE	15.706	104	1328m	0.20	PPBV	
59) NONANE	16.029	43	1414m	0.20	PPBV	
60) BROMOFORM	15.424	173	2152m	0.20	PPBV	
62) 1,1,2,2-TETRACHLOROETHANE	15.821	83	4632m	0.20	PPBV	
63) ISOPROPYLBENZENE	16.469	105	2899	0.19	PPBV #	100
64) 2-CHLOROTOLUENE	17.010	91	2367	0.20	PPBV	86
65) 4-ETHYLTOLUENE	17.213	105	1932m	0.20	PPBV	
66) 1,3,5-TRIMETHYLBENZENE	17.287	105	2736	0.20	PPBV #	40
67) 1,2,4-TRIMETHYLBENZENE	17.766	105	2384	0.20	PPBV #	48
68) m-DICHLOROBENZENE	17.930	146	1861m	0.19	PPBV	
69) BENZYL CHLORIDE	17.919	91	1956	0.18	PPBV	84
70) p-DICHLOROBENZENE	18.013	146	1523	0.18	PPBV #	40
71) o-DICHLOROBENZENE	18.398	146	1961	0.17	PPBV	89
72) HEXACHLOROBUTADIENE	20.796	225	5373	0.20	PPBV	92
73) 1,2,4-TRICHLOROBENZENE	20.304	180	2489m	0.20	PPBV	

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:09:53 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration

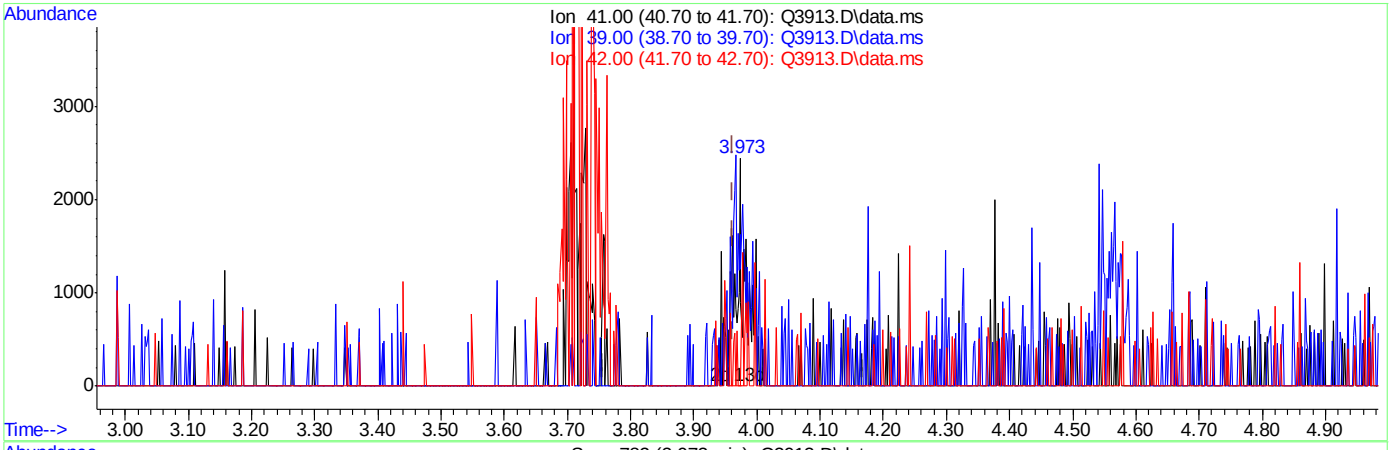


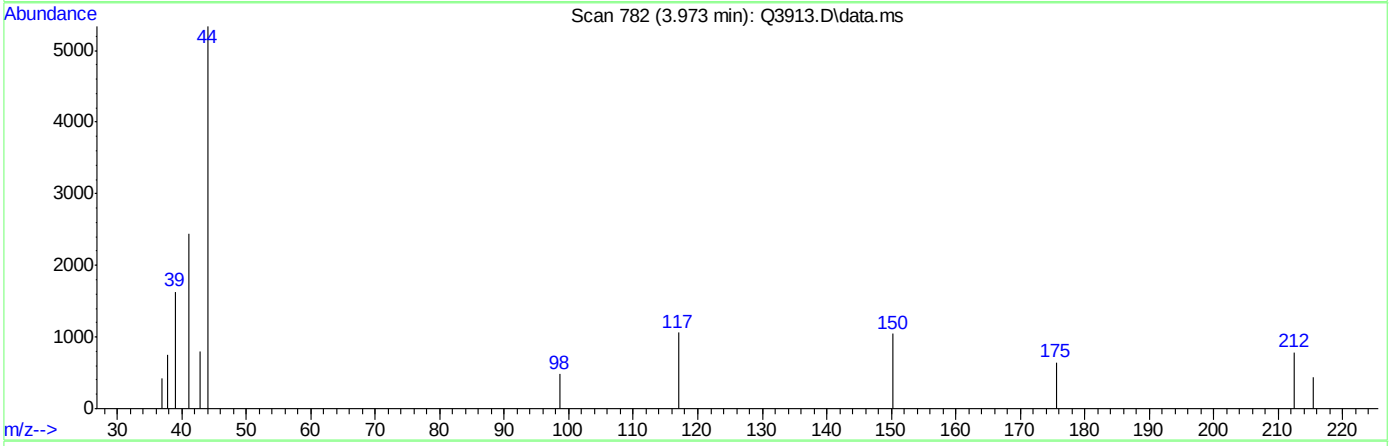
ACCUTEST Laboratories M66023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(3) PROPYLENE (m)

3.973min (+0.010) 0.12PPBV

response 1929

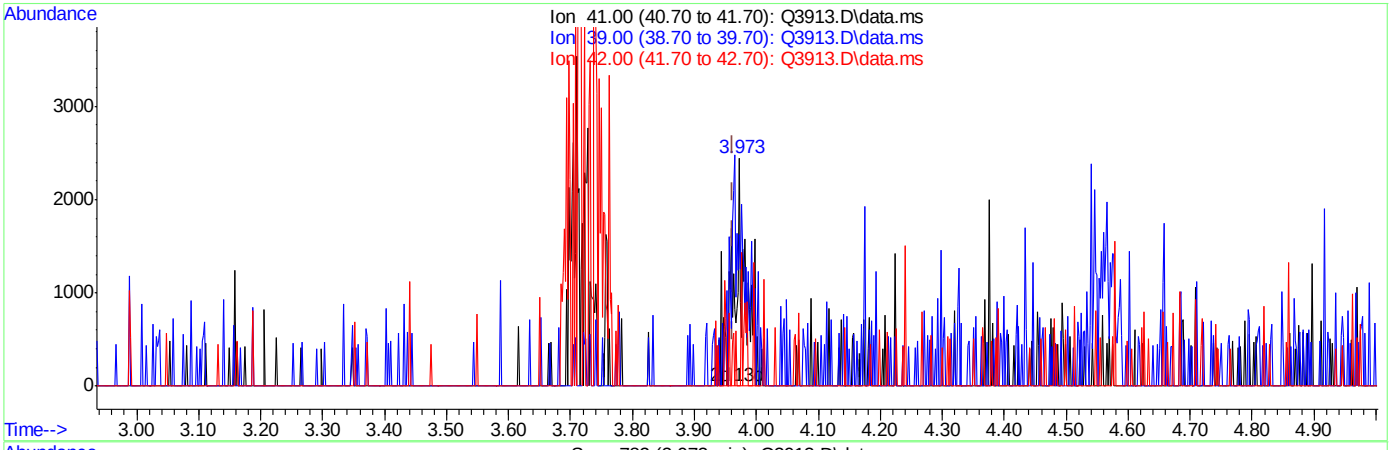
Ion	Exp%	Act%
41.00	100	100
39.00	72.50	66.71
42.00	67.80	0.00#
0.00	0.00	0.00

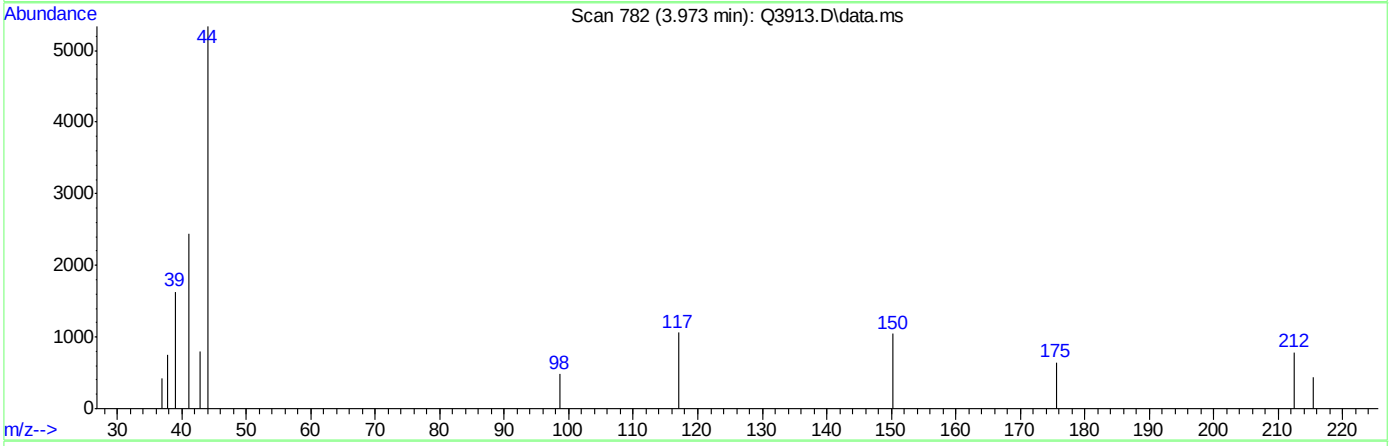
ACCUTEST Laboratories M66023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(3) PROPYLENE (m)

3.973min (+0.010) 0.20PPBV m

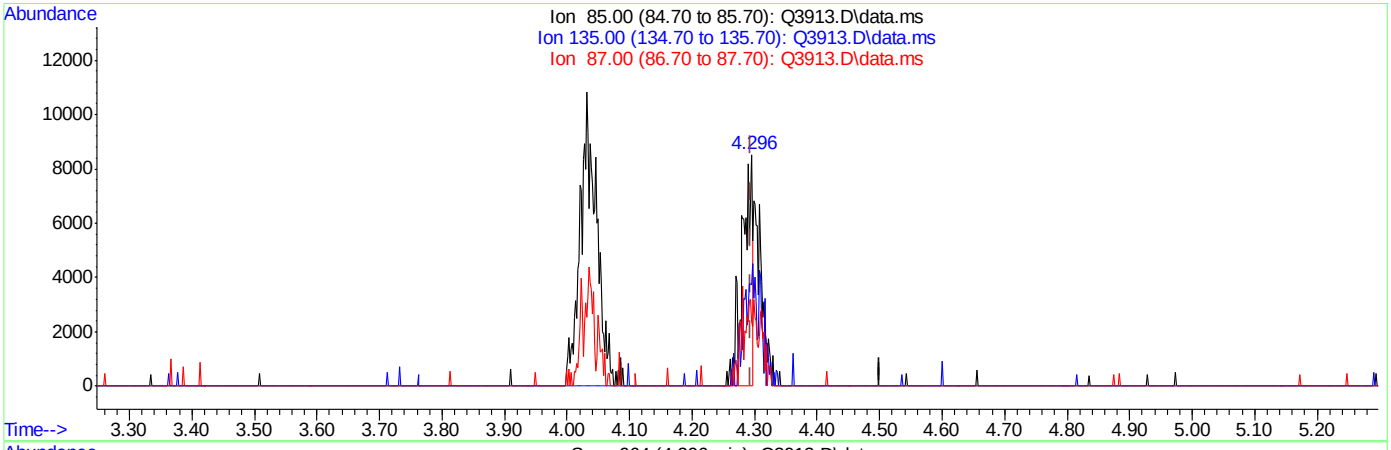
response 3185

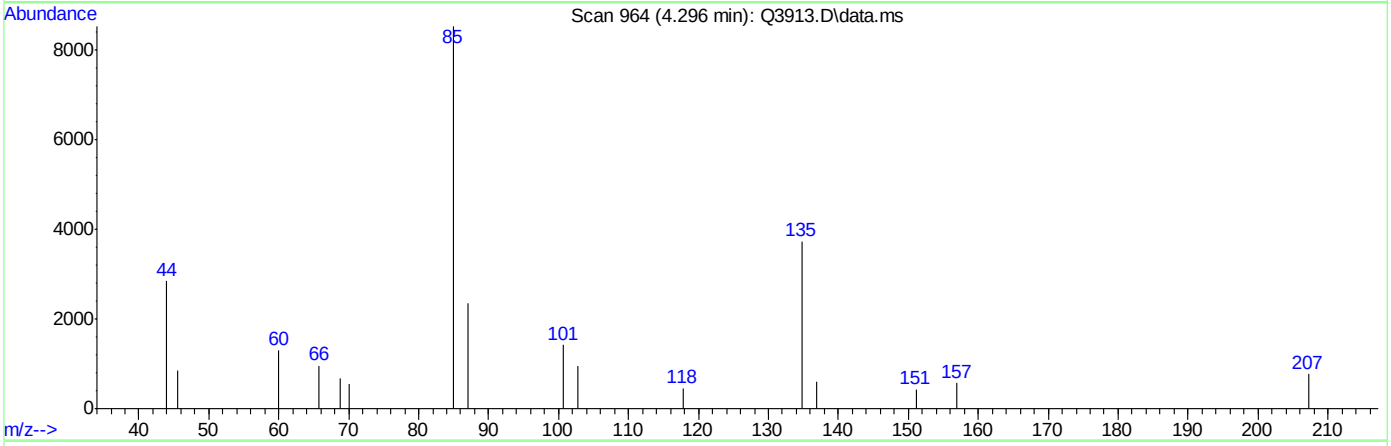
Ion	Exp%	Act%
41.00	100	100
39.00	72.50	66.71
42.00	67.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On    :  5 Jul 2007   5:27 pm
Operator  : PhilipB
Sample    : IC210-.2 (M214)
Misc      : MS13877, MSQ210,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration
```



TIC: Q3913.D\data.ms

(4) FREON 114 (m)

4.296min (+0.002) 0.12PPBV

response 9584

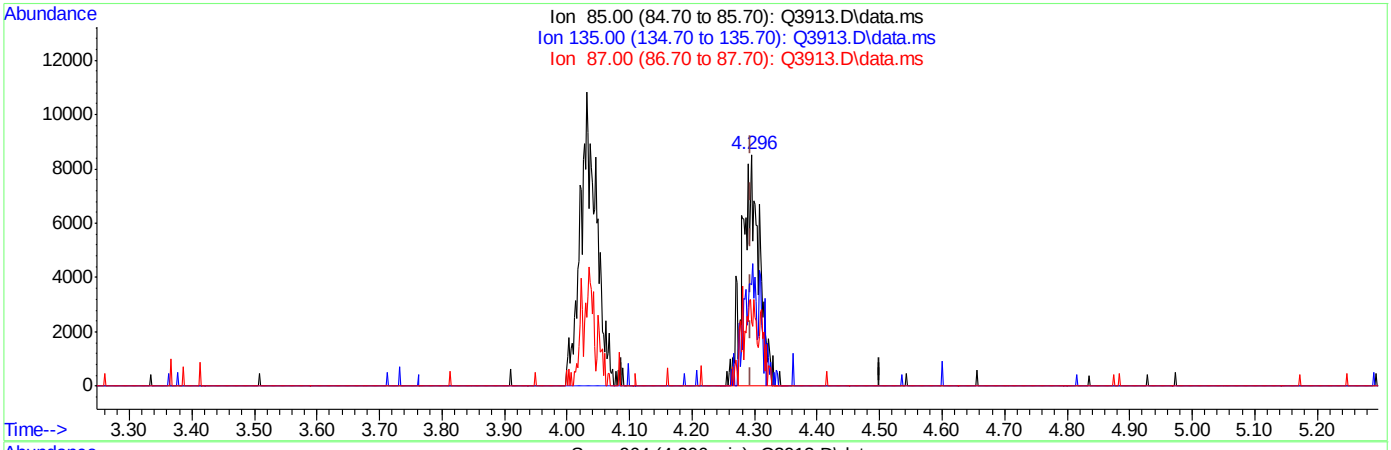
Ion	Exp%	Act%
85.00	100	100
135.00	66.70	77.84
87.00	32.20	32.75
0.00	0.00	0.00

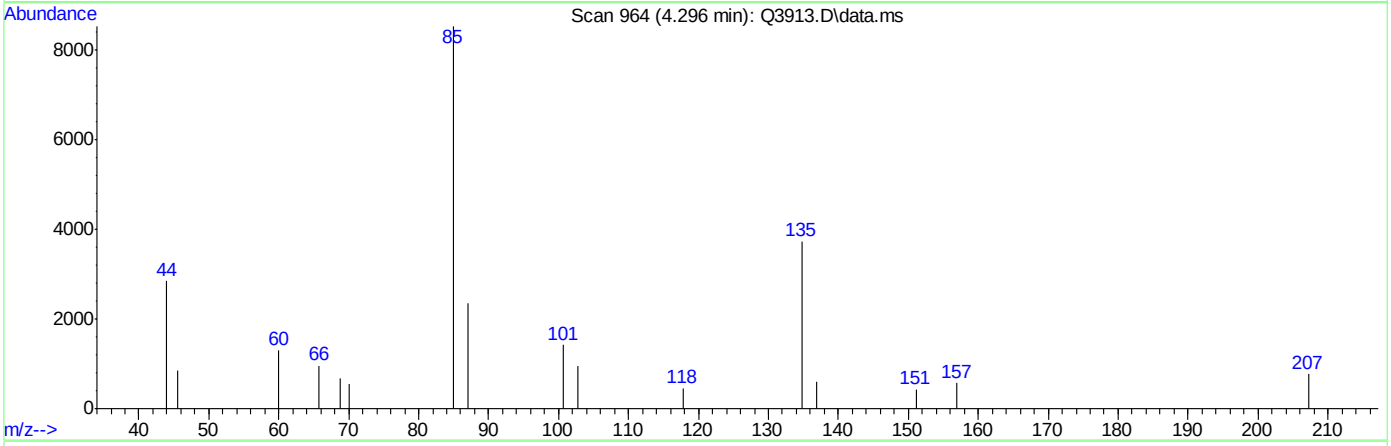
ACCUTEST Laboratories M66023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(4) FREON 114 (m)

4.296min (+0.002) 0.20PPBV m

response 15983

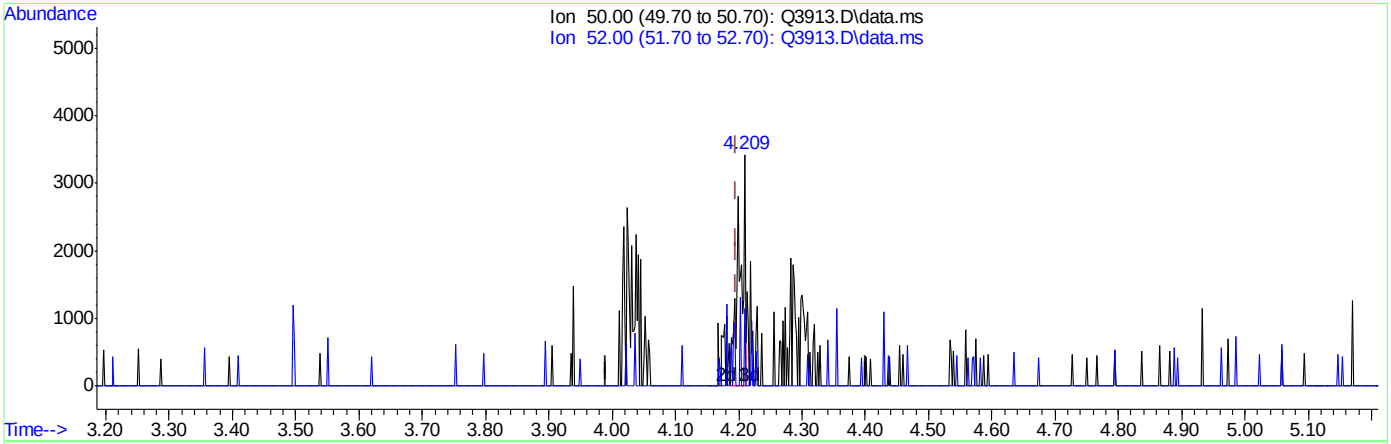
Ion	Exp%	Act%
85.00	100	100
135.00	66.70	46.67#
87.00	32.20	19.64
0.00	0.00	0.00

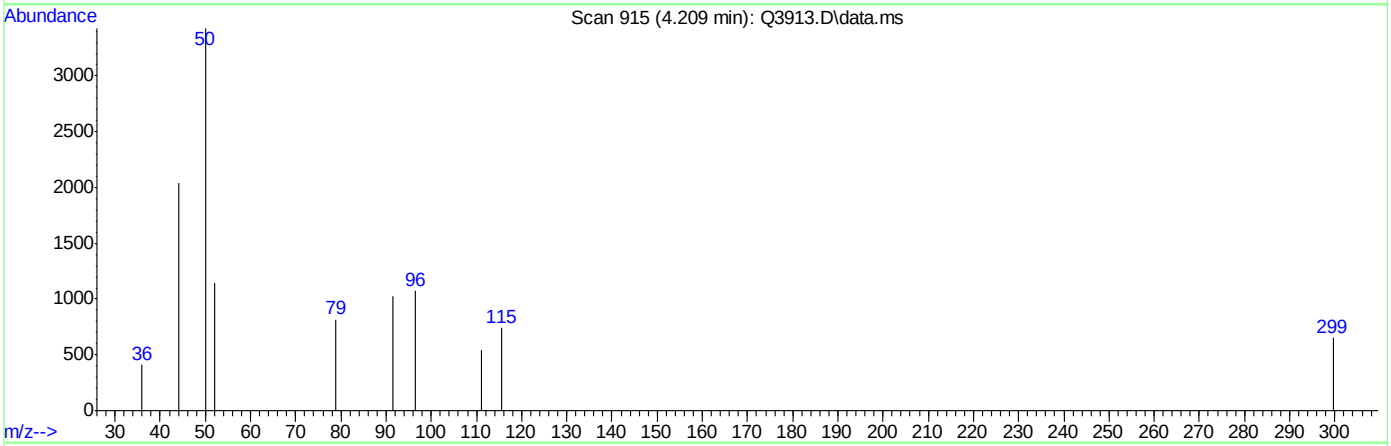
ACCUTEST Laboratories M66023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(5) CHLOROMETHANE (m)

4.209min (+0.013) 0.12PPBV

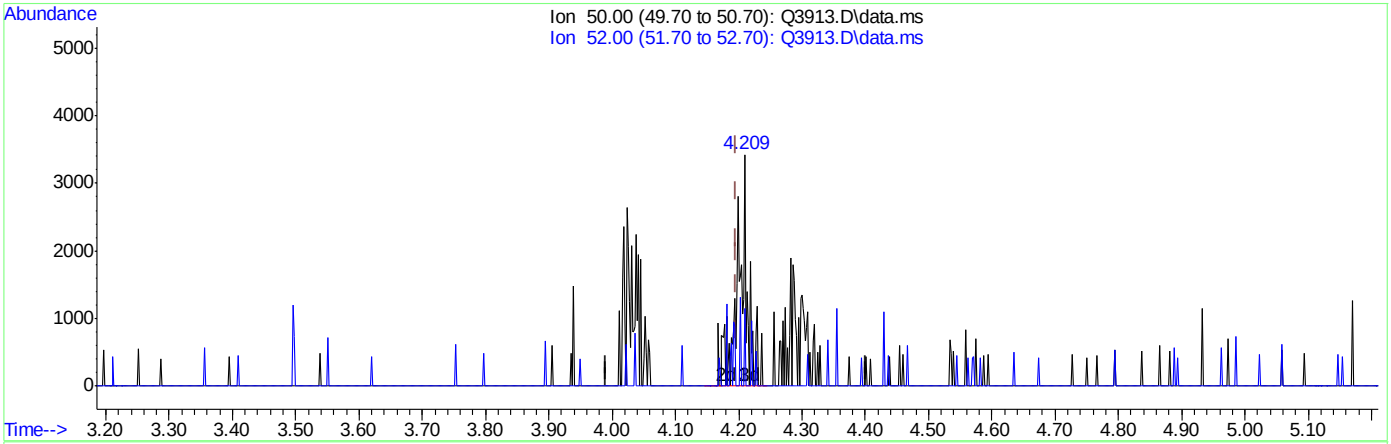
response 2103

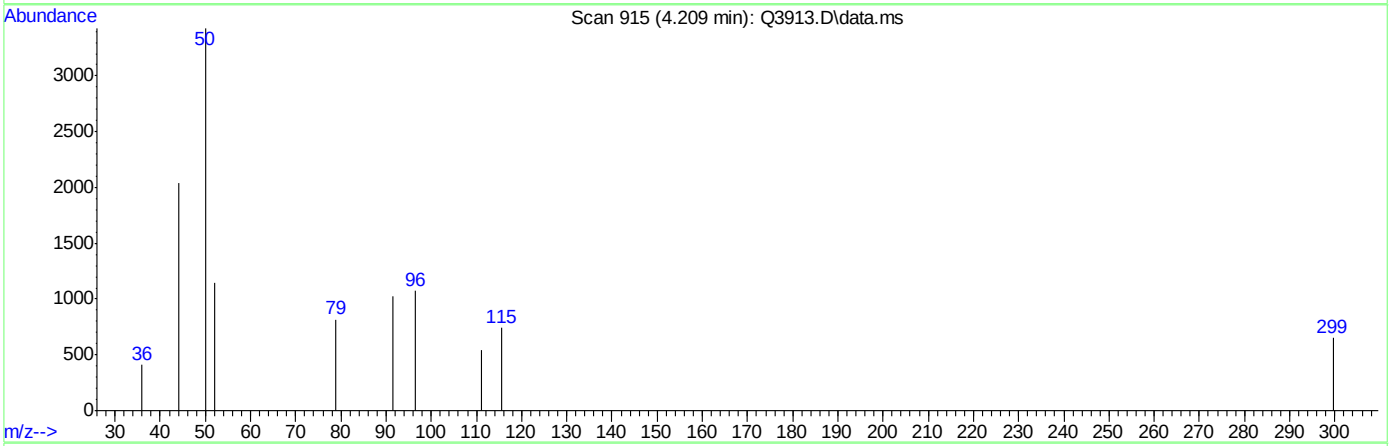
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	30.01
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On    :  5 Jul 2007   5:27 pm
Operator  : PhilipB
Sample    : IC210-.2 (M214)
Misc      : MS13877, MSQ210,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration
```



TIC: Q3913.D\data.ms

(5) CHLOROMETHANE (m)

4.209min (+0.013) 0.20PPBV m

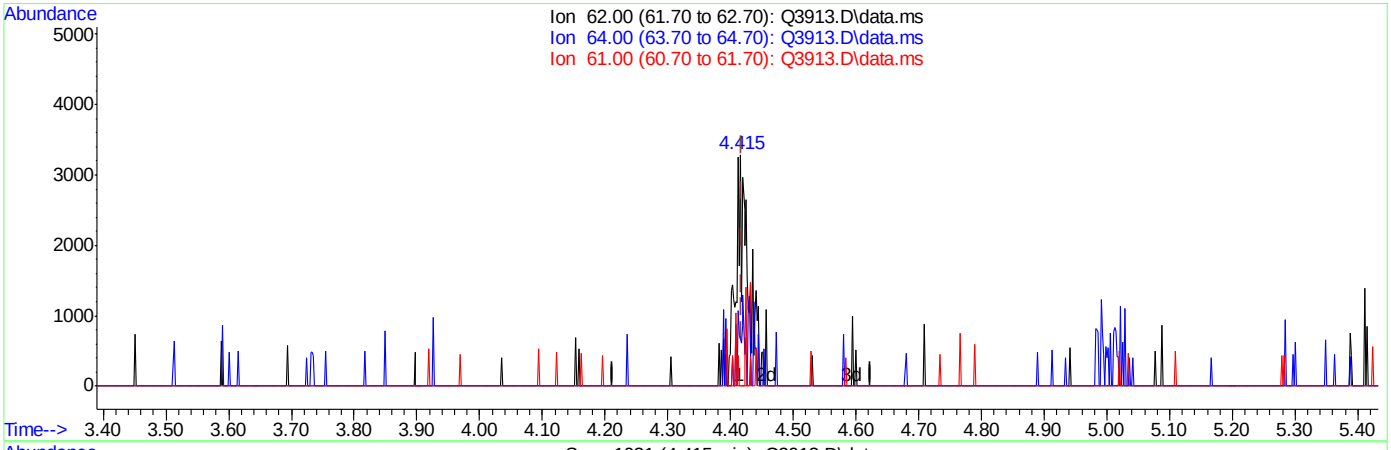
response 3512

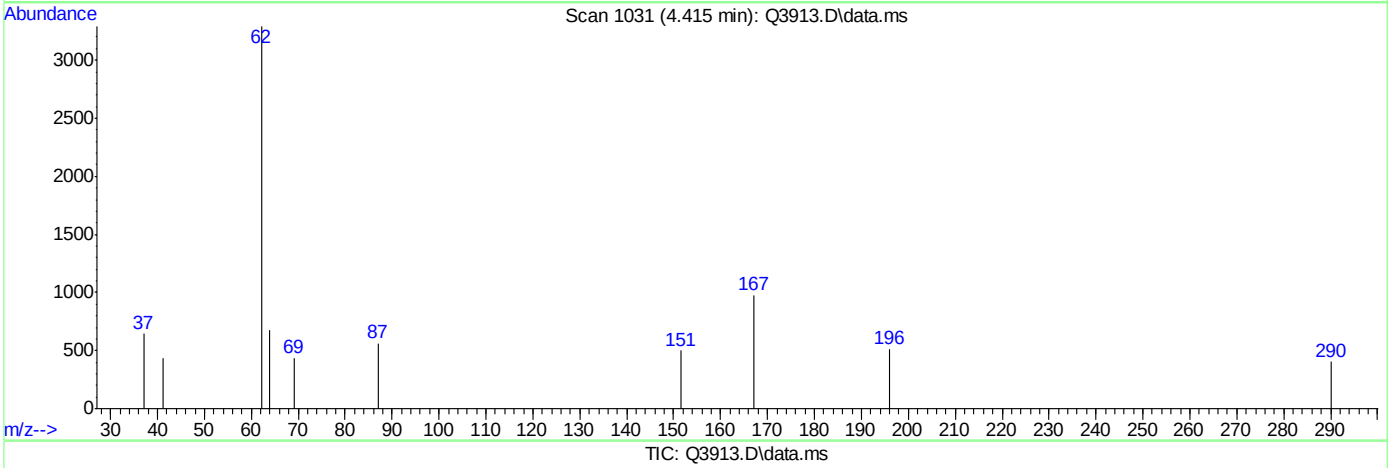
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	33.54
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(6) VINYL CHLORIDE (m)

4.415min (-0.003) 0.15PPBV

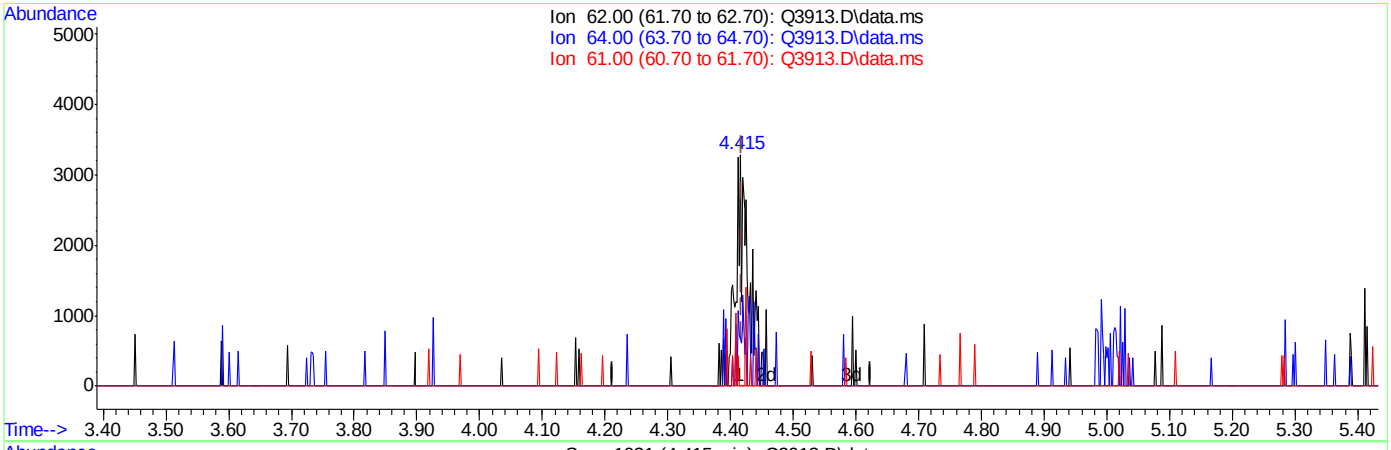
response 3887

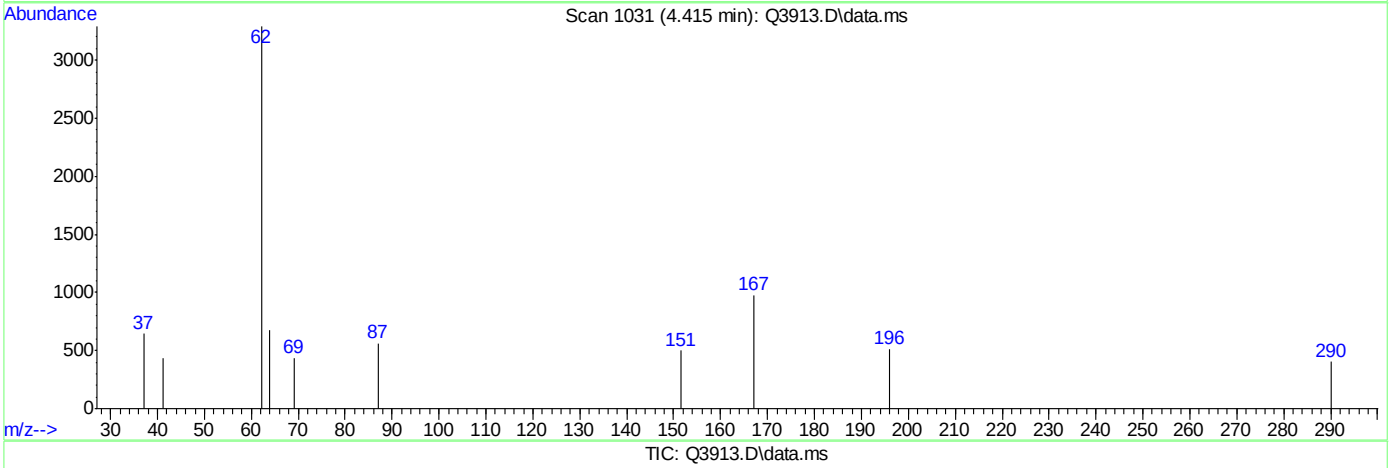
Ion	Exp%	Act%
62.00	100	100
64.00	30.40	19.17
61.00	8.60	4.04
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(6) VINYL CHLORIDE (m)

4.415min (-0.003) 0.20PPBV m

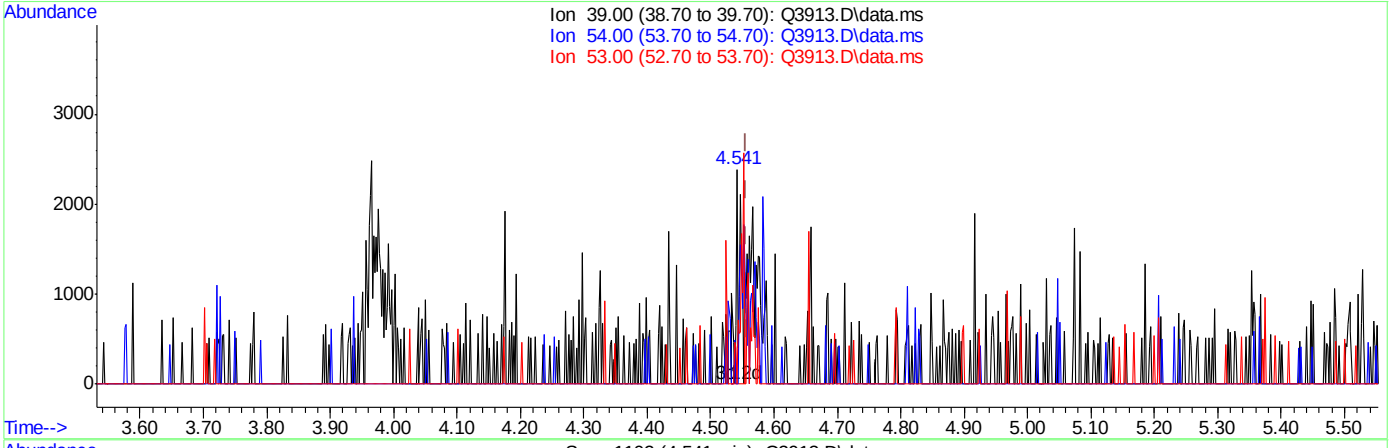
response 5078

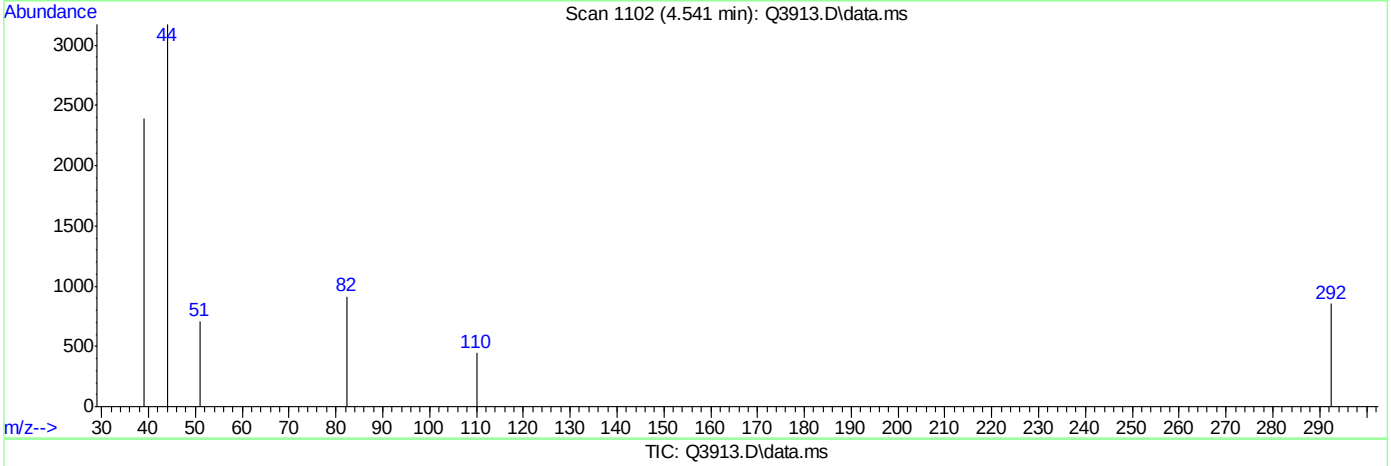
Ion	Exp%	Act%
62.00	100	100
64.00	30.40	14.67
61.00	8.60	3.09
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(7) 1,3-BUTADIENE (m)

4.541min (-0.015) 0.06PPBV

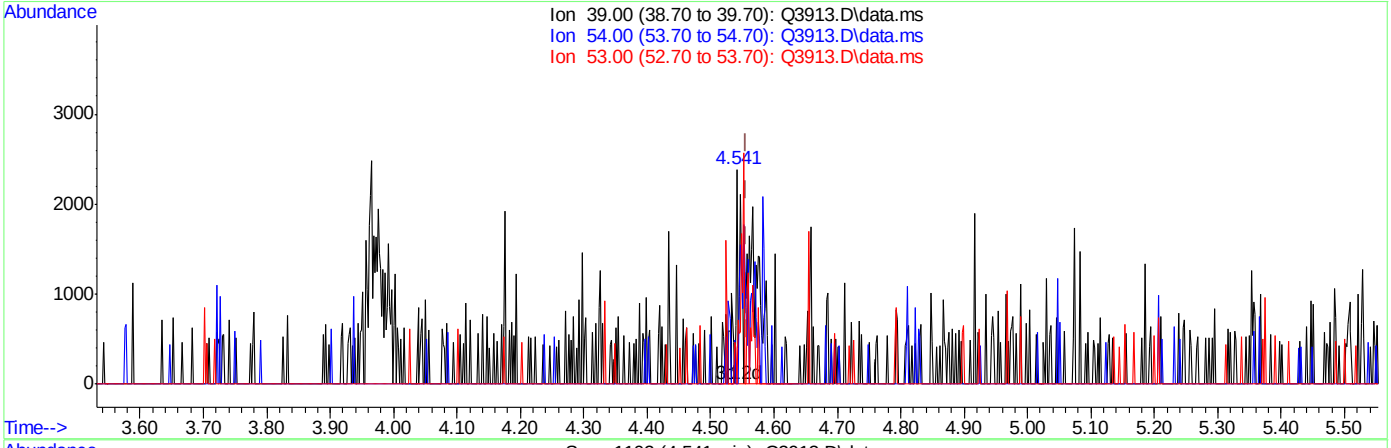
response 1233

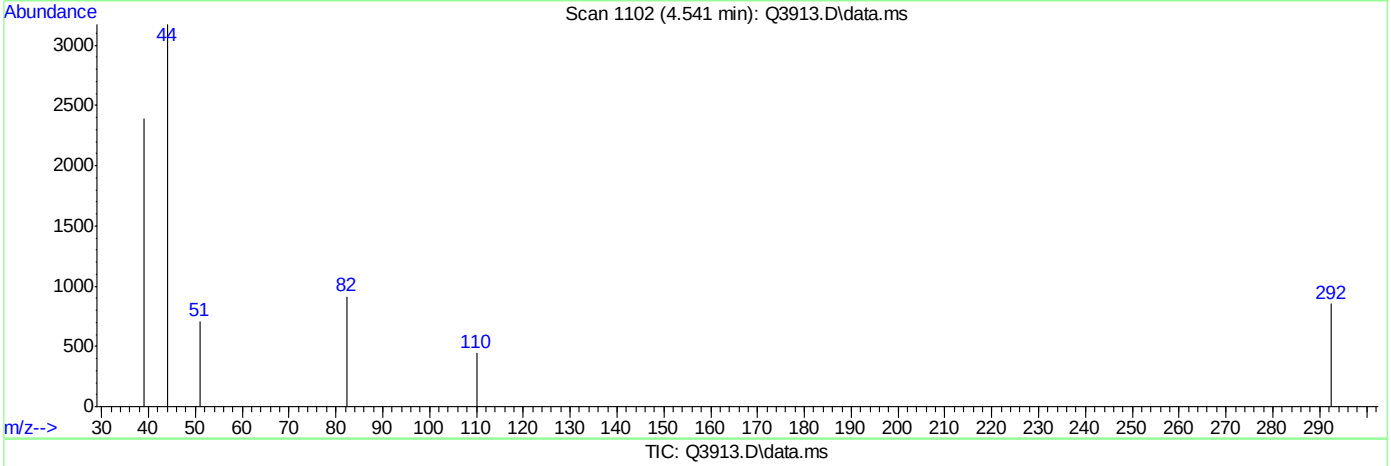
Ion	Exp%	Act%
39.00	100	100
54.00	111.20	90.84#
53.00	75.80	69.10
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(7) 1,3-BUTADIENE (m)

4.541min (-0.015) 0.21PPBV m

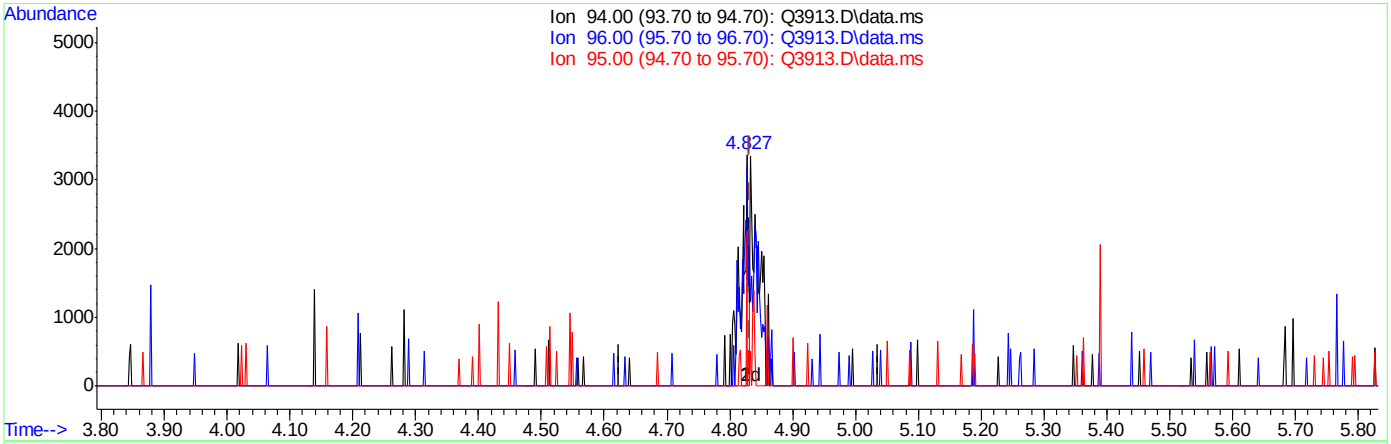
response 4178

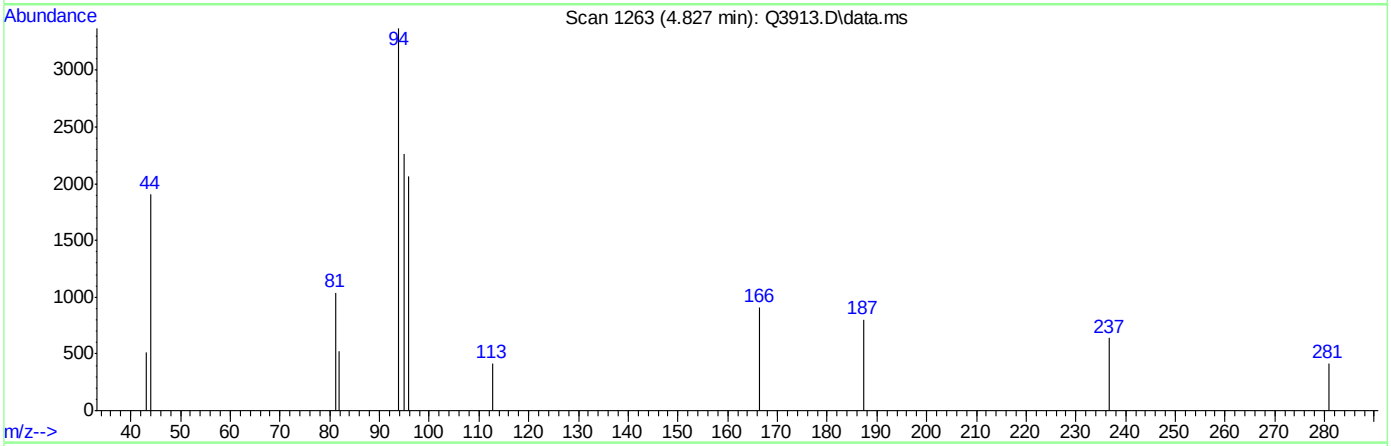
Ion	Exp%	Act%
39.00	100	100
54.00	111.20	26.81#
53.00	75.80	20.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(8) BROMOMETHANE (m)

4.827min (-0.005) 0.09PPBV

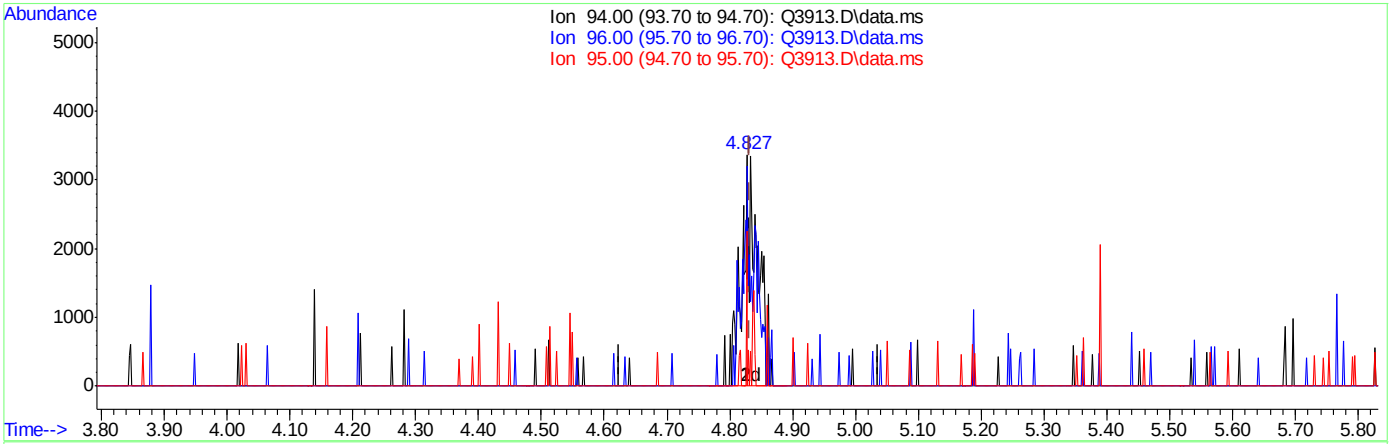
response 2822

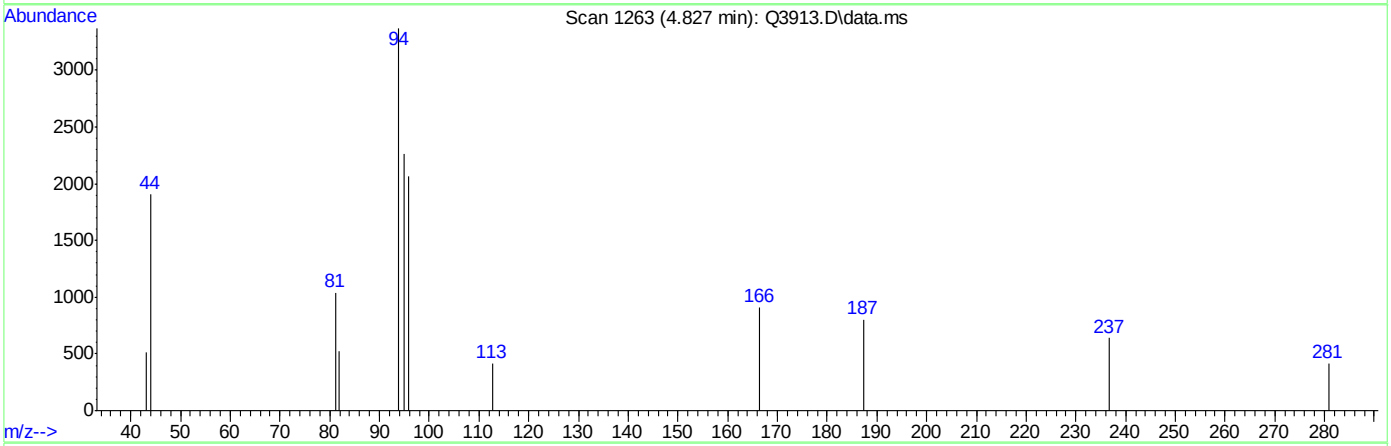
Ion	Exp%	Act%
94.00	100	100
96.00	93.00	39.94#
95.00	13.50	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(8) BROMOMETHANE (m)

4.827min (-0.005) 0.20PPBV m

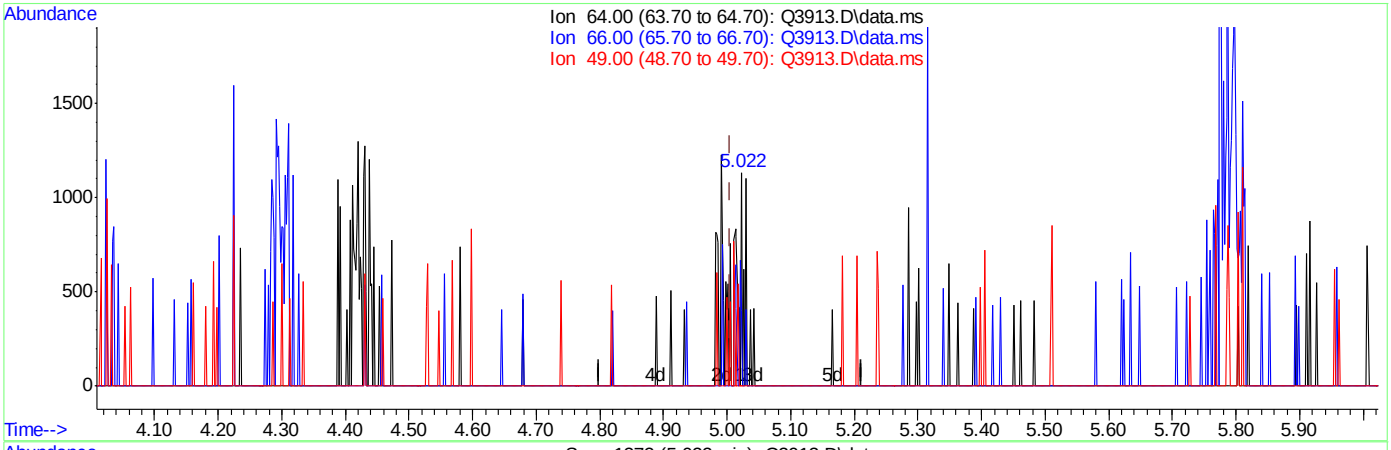
response 5956

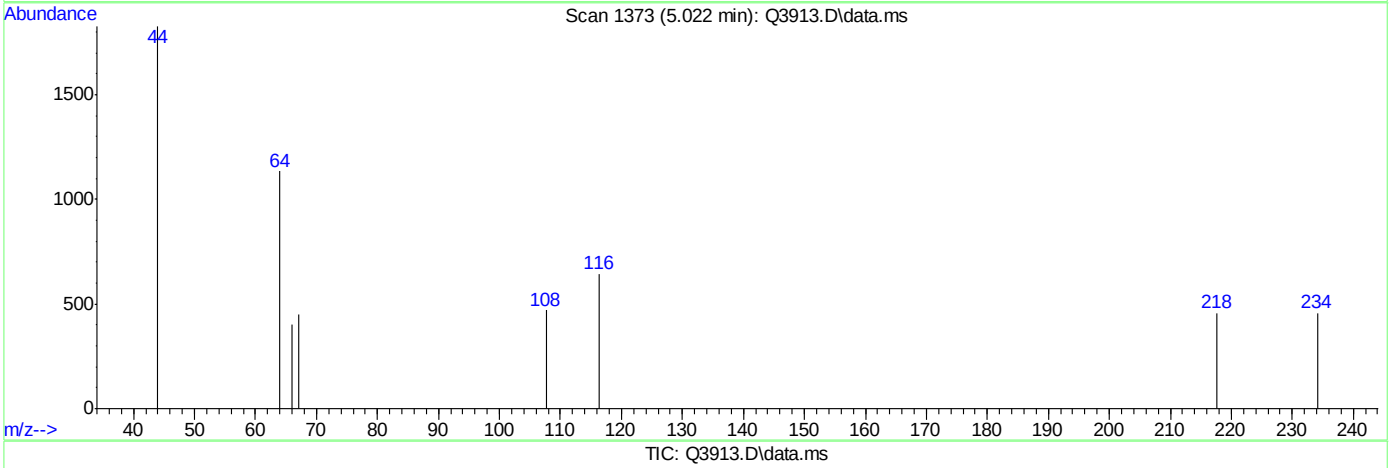
Ion	Exp%	Act%
94.00	100	100
96.00	93.00	18.92#
95.00	13.50	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(9) CHLOROETHANE (m)

5.022min (+0.016) 0.06PPBV

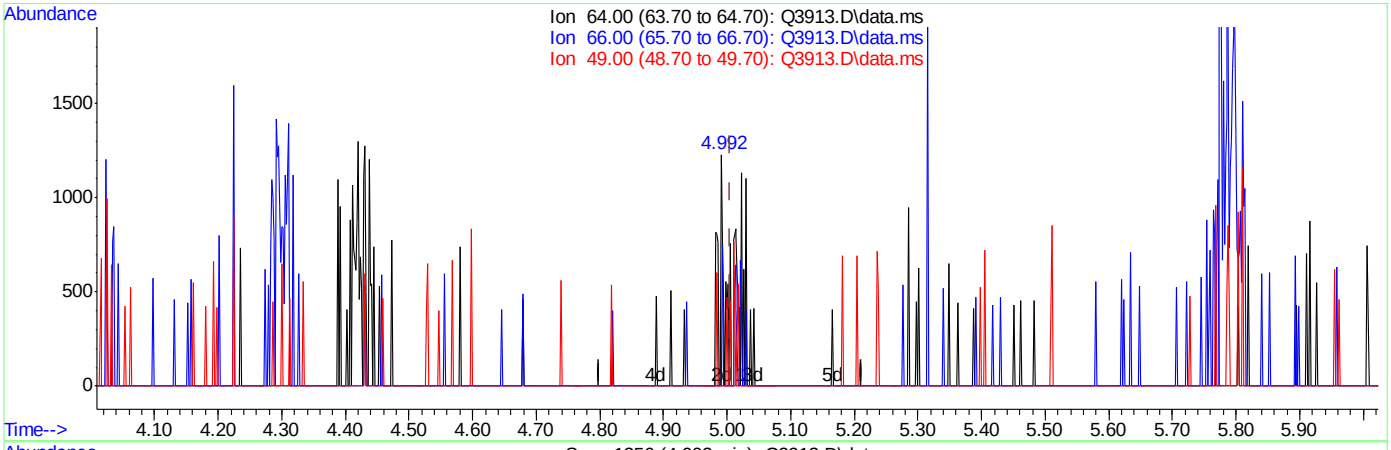
response 466

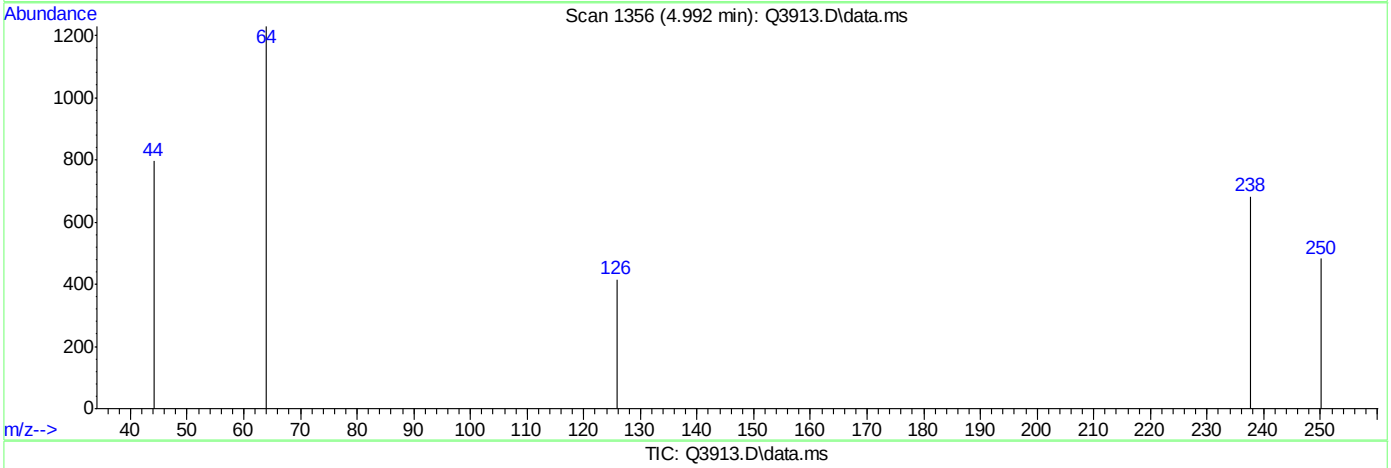
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	58.58#
49.00	36.50	12.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(9) CHLOROETHANE (m)

4.992min (-0.014) 0.20PPBV m

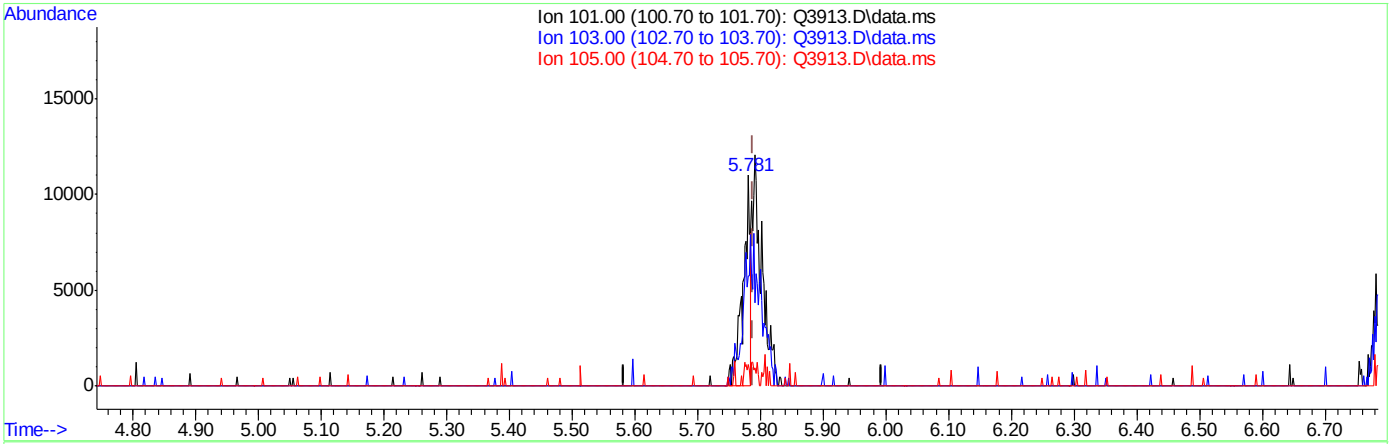
response 1490

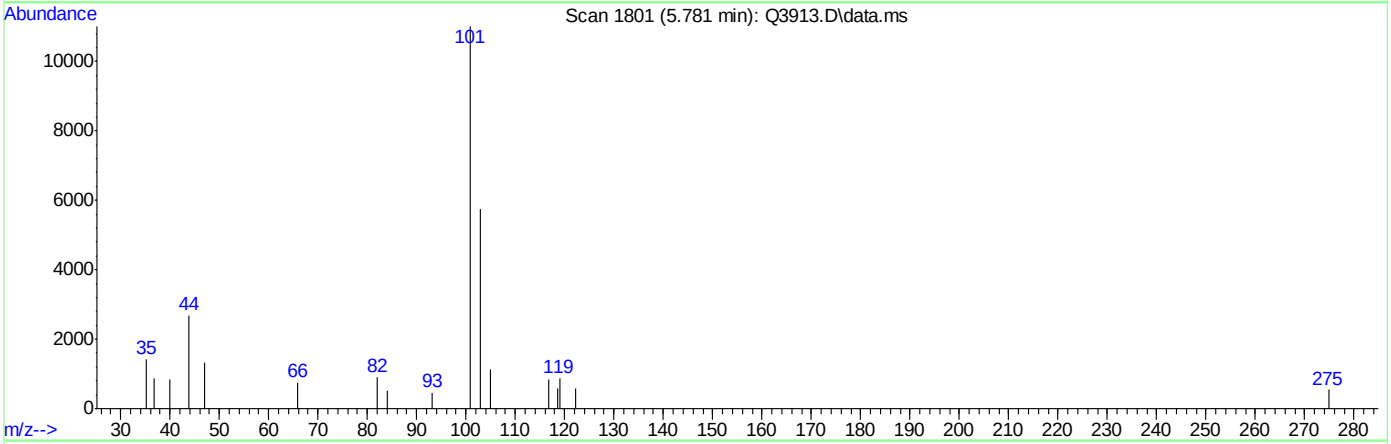
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	18.32
49.00	36.50	3.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(10) TRICHLOROFLUOROMETHANE (m)

5.781min (-0.007) 0.08PPBV

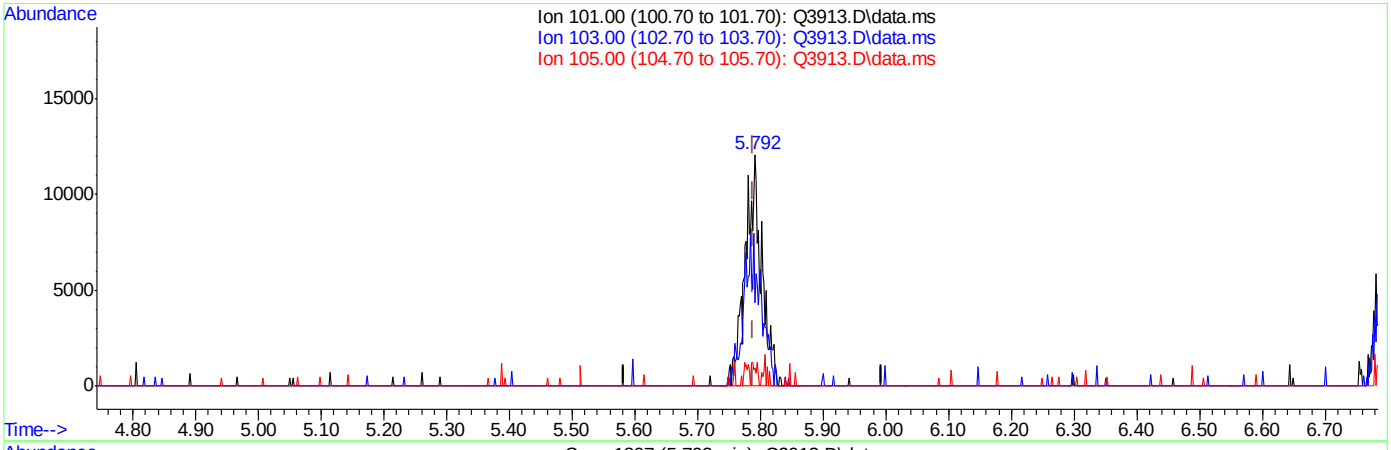
response 9276

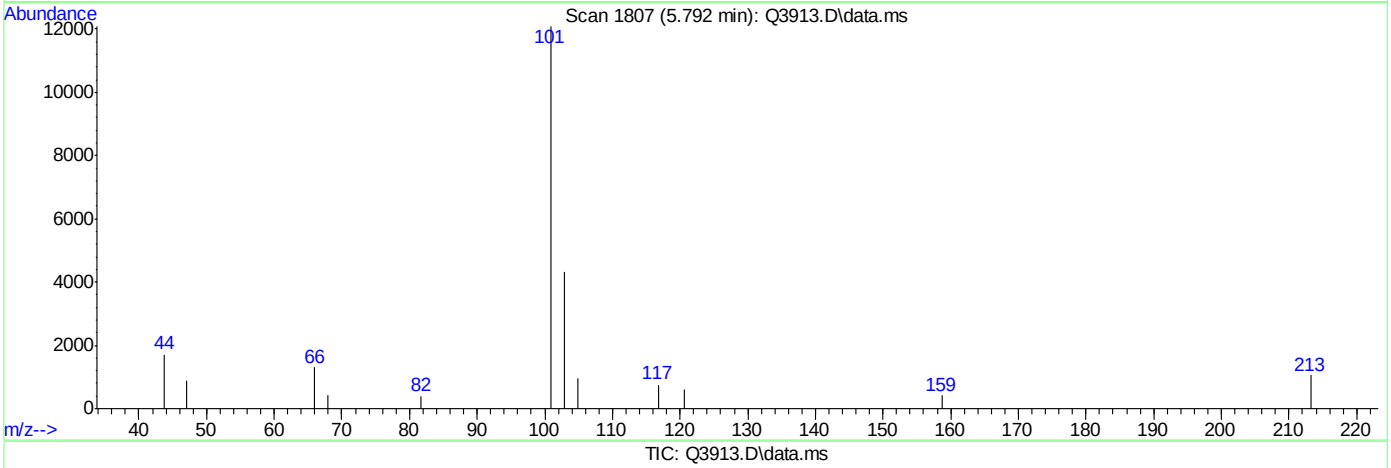
Ion	Exp%	Act%
101.00	100	100
103.00	64.30	0.00#
105.00	10.20	7.81
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(10) TRICHLOROFLUOROMETHANE (m)

5.792min (+0.004) 0.20PPBV m

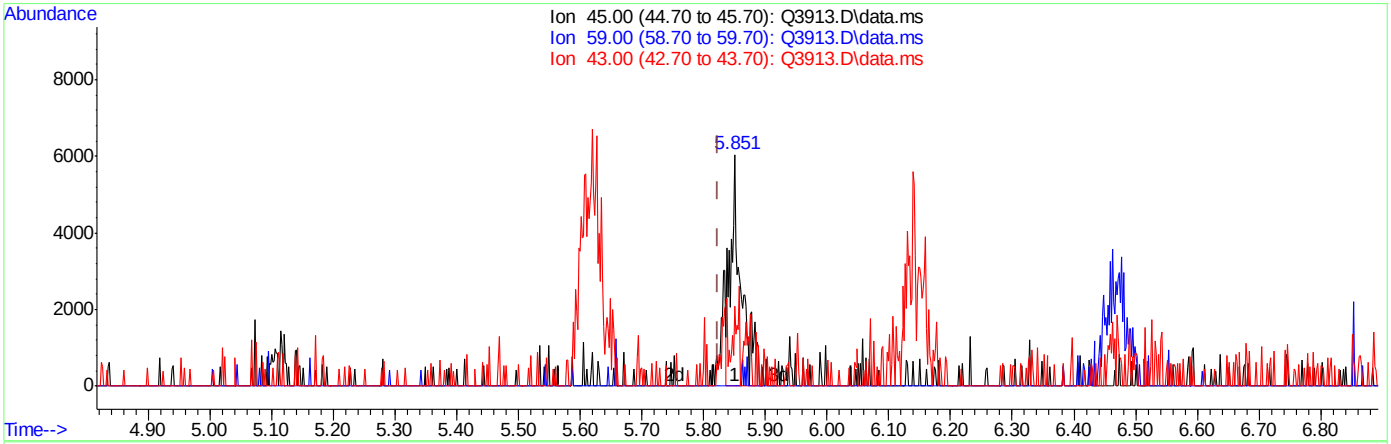
response 22245

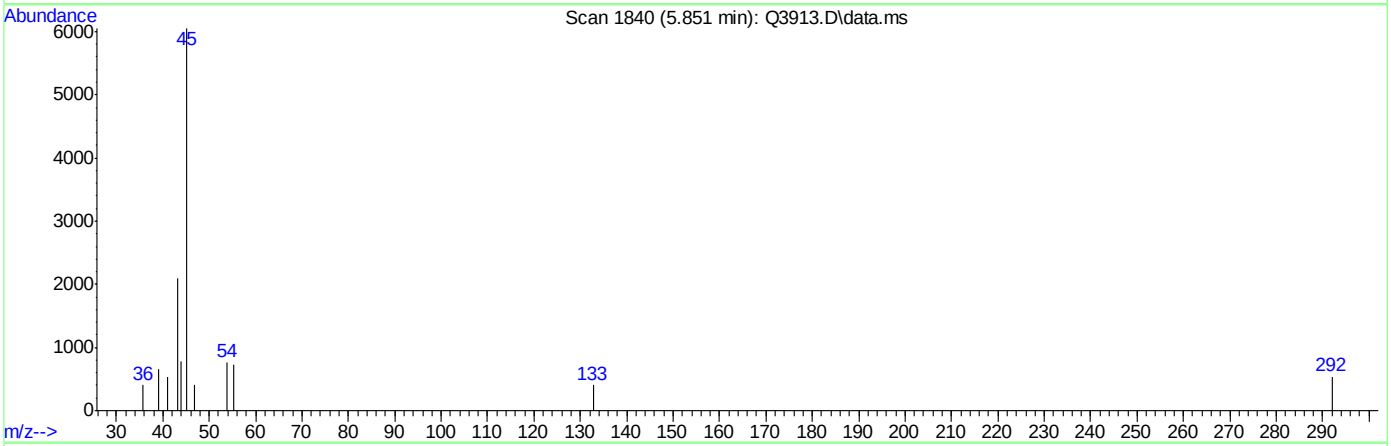
Ion	Exp%	Act%
101.00	100	100
103.00	64.30	0.00#
105.00	10.20	3.25
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On    :  5 Jul 2007   5:27 pm
Operator  : PhilipB
Sample    : IC210-.2 (M214)
Misc      : MS13877, MSQ210,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration
```



TIC: Q3913.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.851min (+0.026) 0.16PPBV

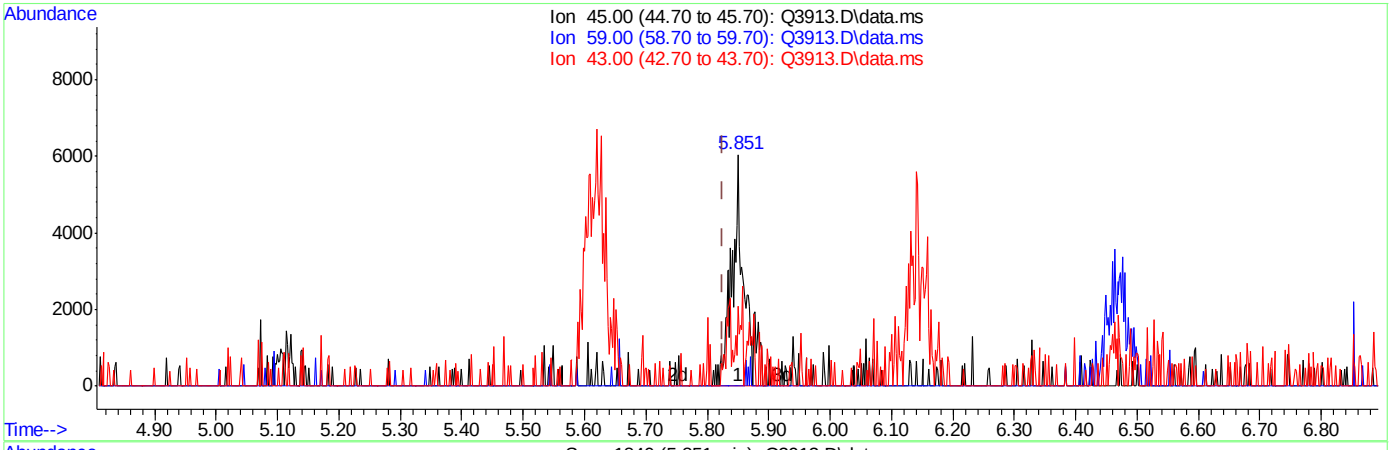
response 7261

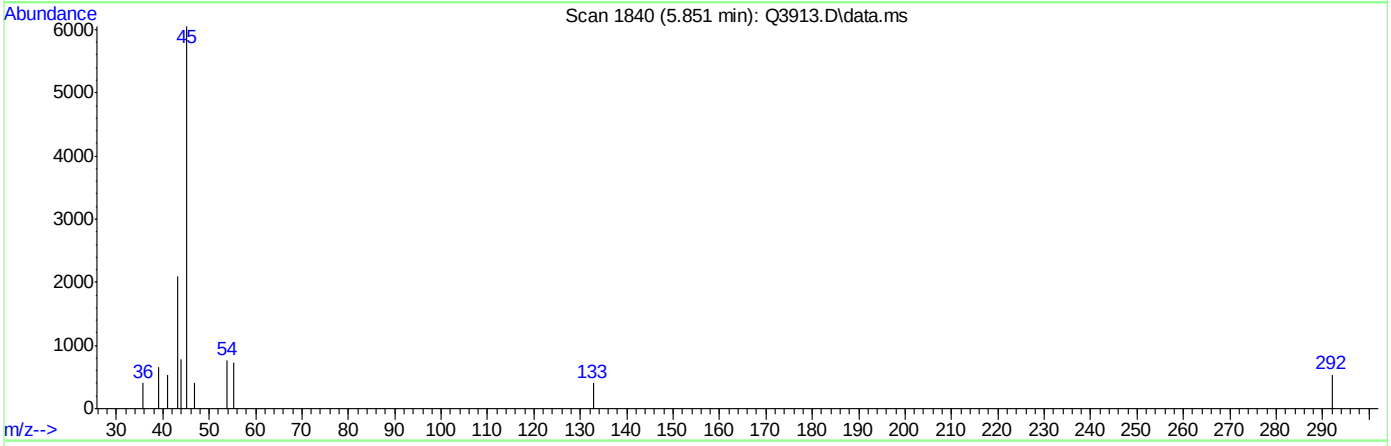
Ion	Exp%	Act%
45.00	100	100
59.00	3.70	0.00
43.00	19.70	34.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.851min (+0.026) 0.20PPBV m

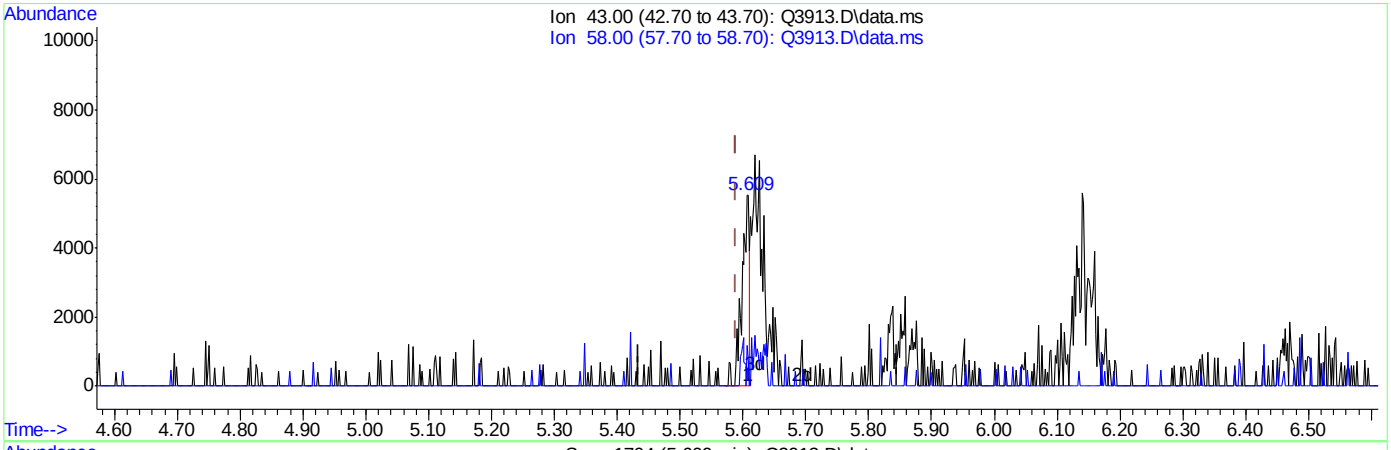
response 8940

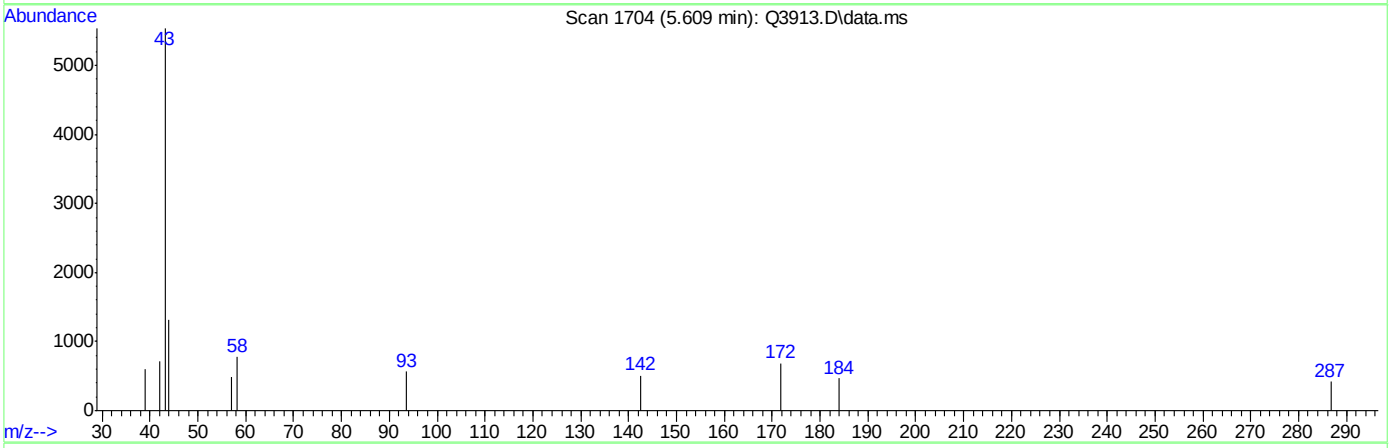
Ion	Exp%	Act%
45.00	100	100
59.00	3.70	0.00
43.00	19.70	34.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(12) ACETONE (m)

5.609min (+0.020) 0.07PPBV

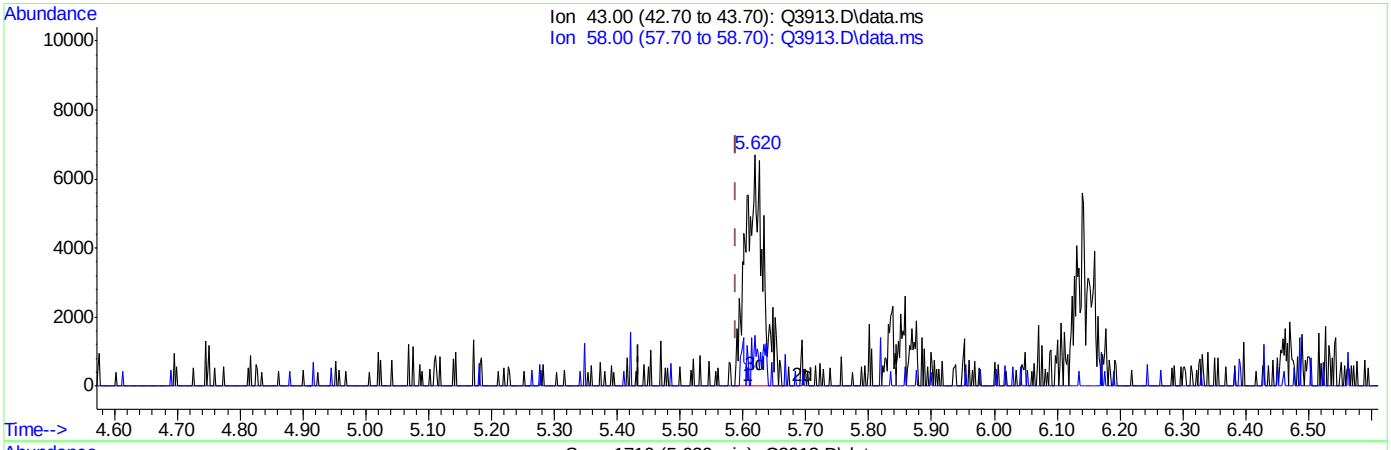
response 4752

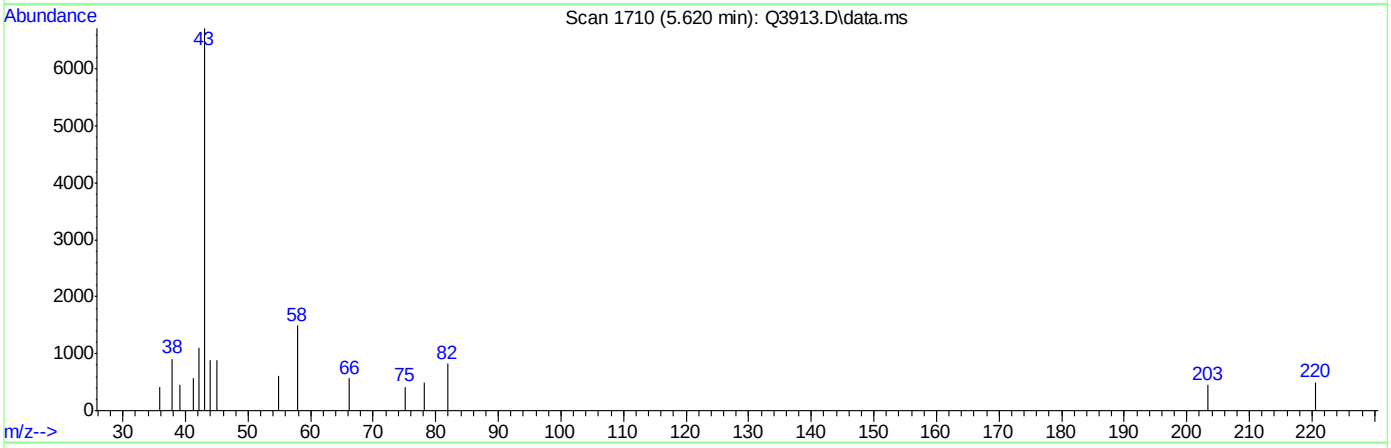
Ion	Exp%	Act%
43.00	100	100
58.00	29.00	17.26
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(12) ACETONE (m)

5.620min (+0.031) 0.20PPBV m

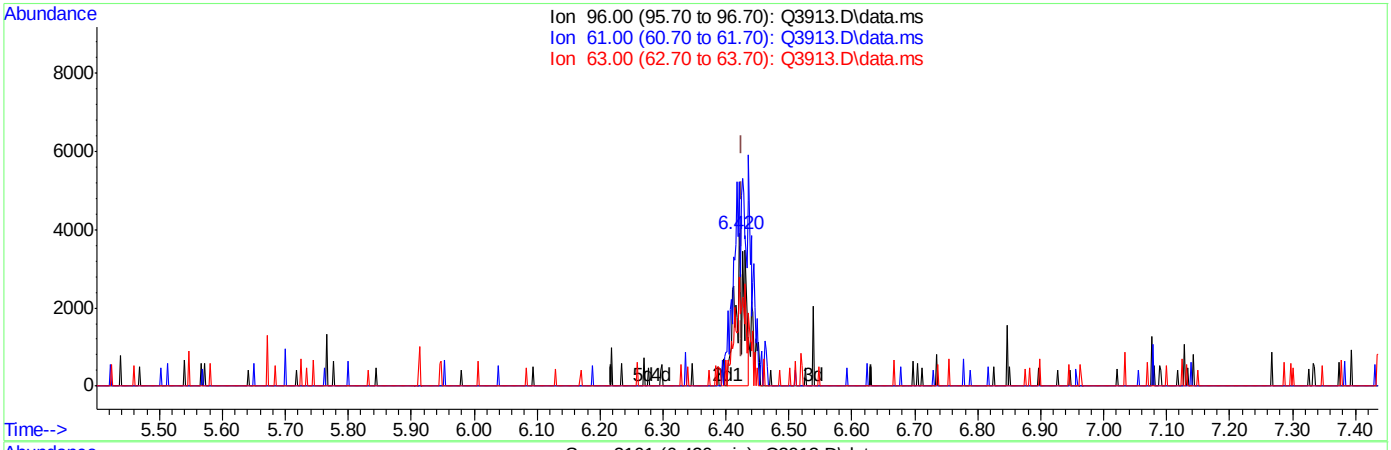
response 13288

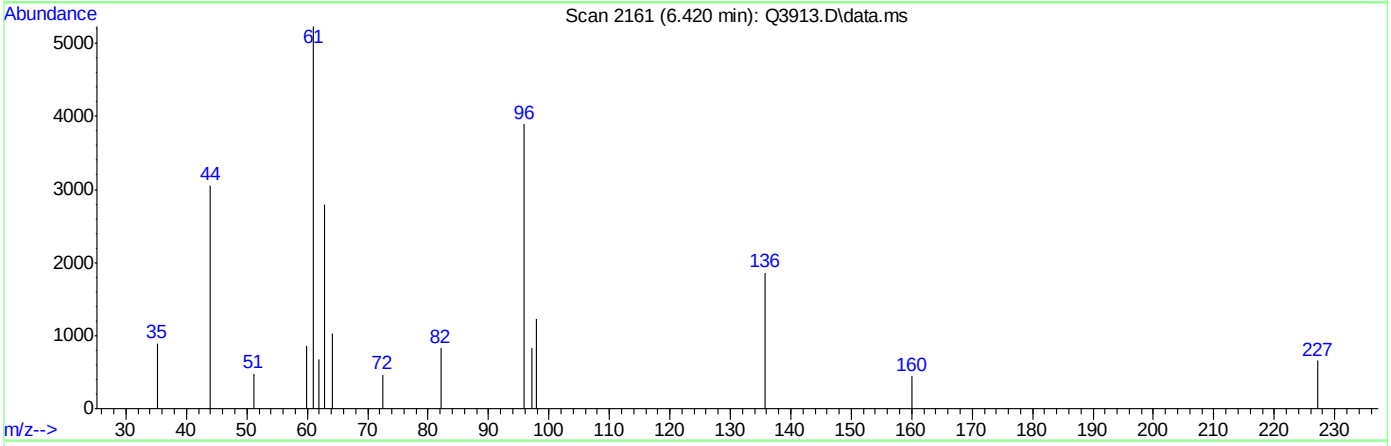
Ion	Exp%	Act%
43.00	100	100
58.00	29.00	6.17#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(14) 1,1-DICHLOROETHYLENE (m)

6.420min (-0.005) 0.14PPBV

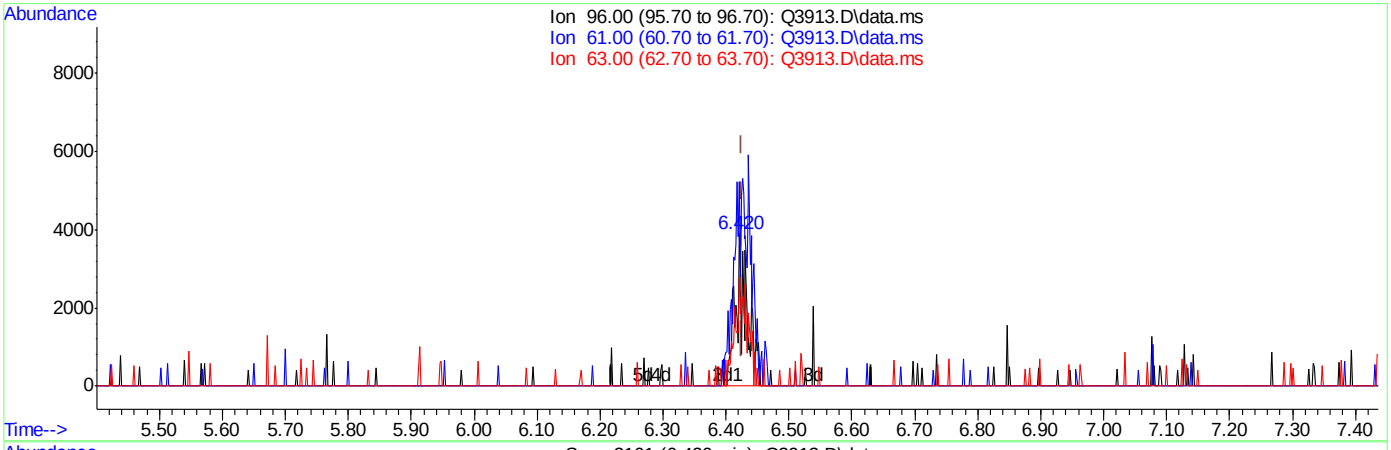
response 3895

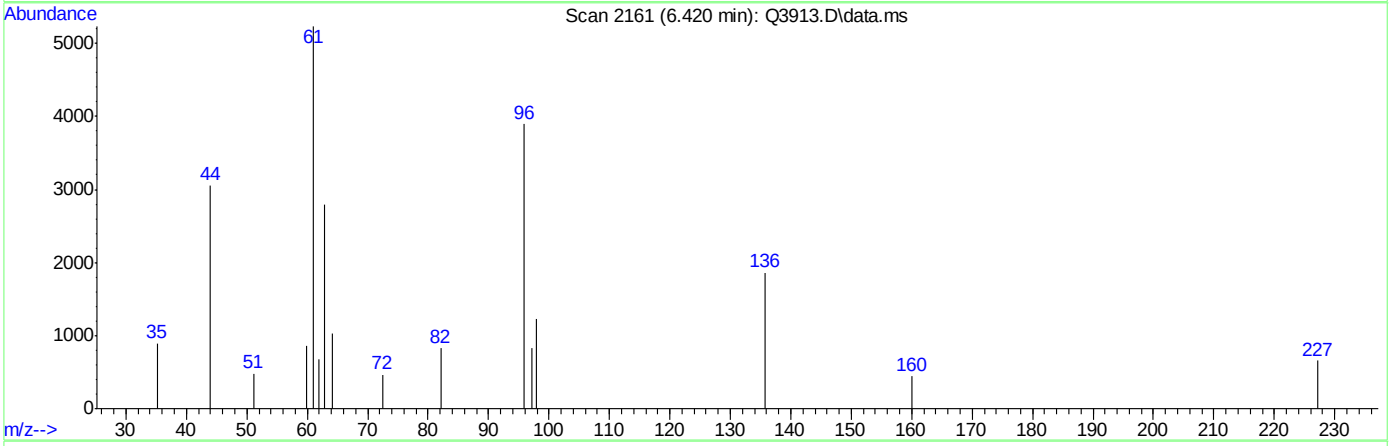
Ion	Exp%	Act%
96.00	100	100
61.00	213.40	176.77#
63.00	65.80	74.17
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(14) 1,1-DICHLOROETHYLENE (m)

6.420min (-0.005) 0.20PPBV m

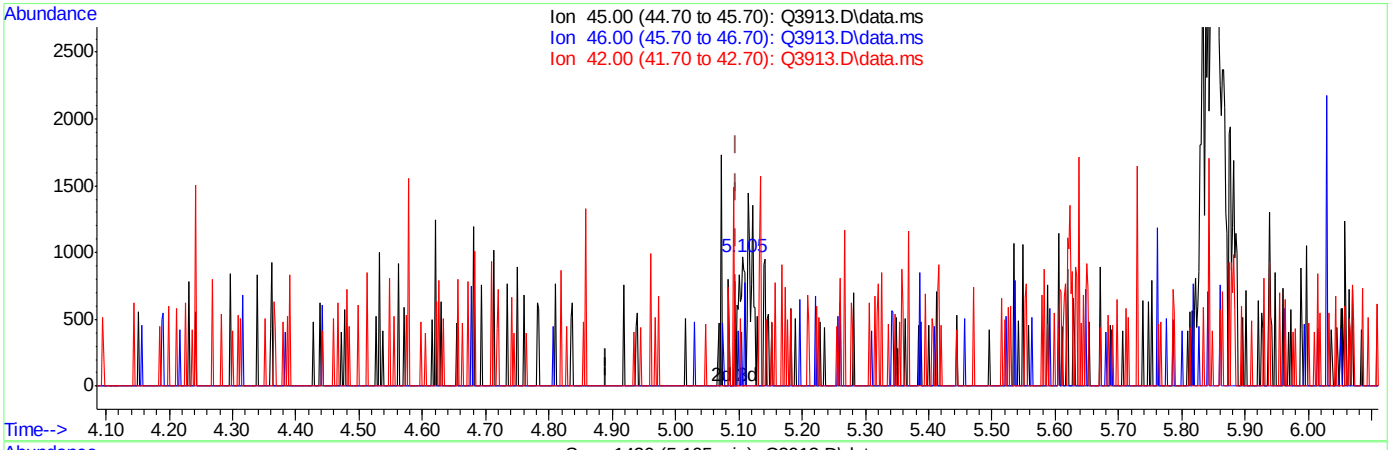
response 5408

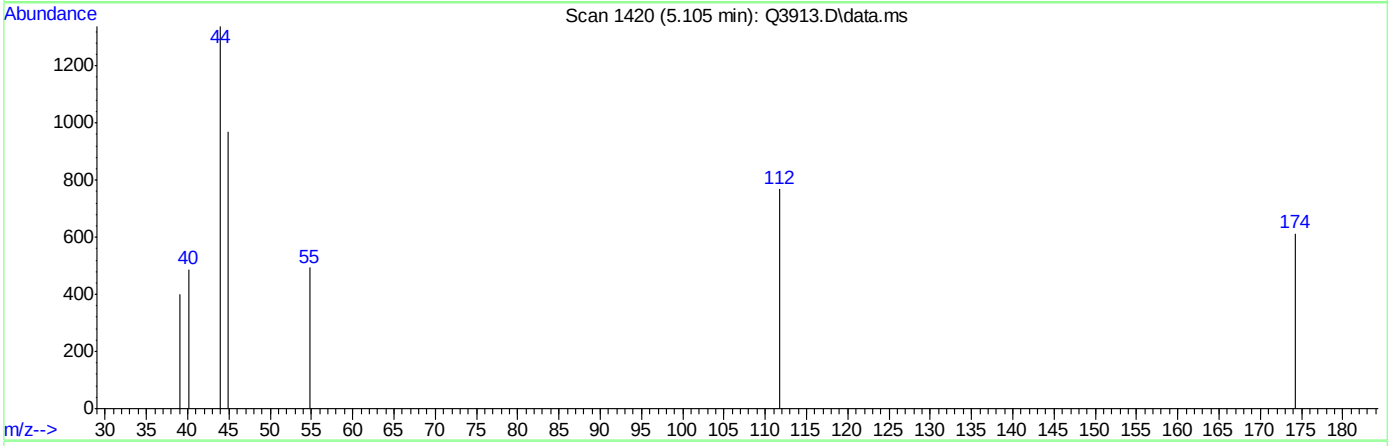
Ion	Exp%	Act%
96.00	100	100
61.00	213.40	127.31#
63.00	65.80	53.42
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(16) ETHANOL (m)

5.105min (+0.009) 0.07PPBV

response 723

Ion	Exp%	Act%
45.00	100	100
46.00	34.70	23.51
42.00	8.40	0.00
0.00	0.00	0.00

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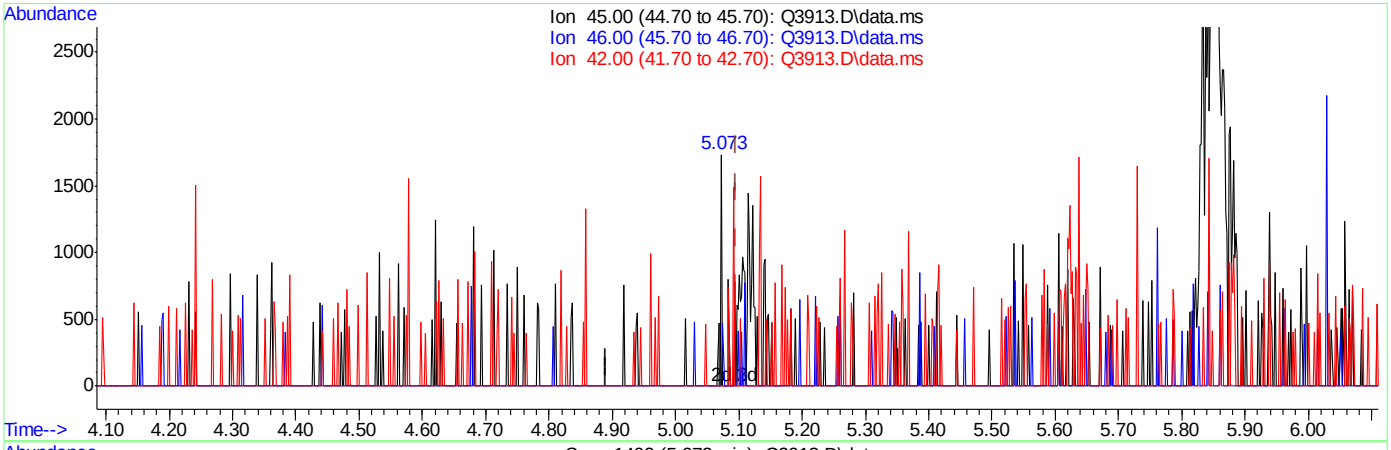
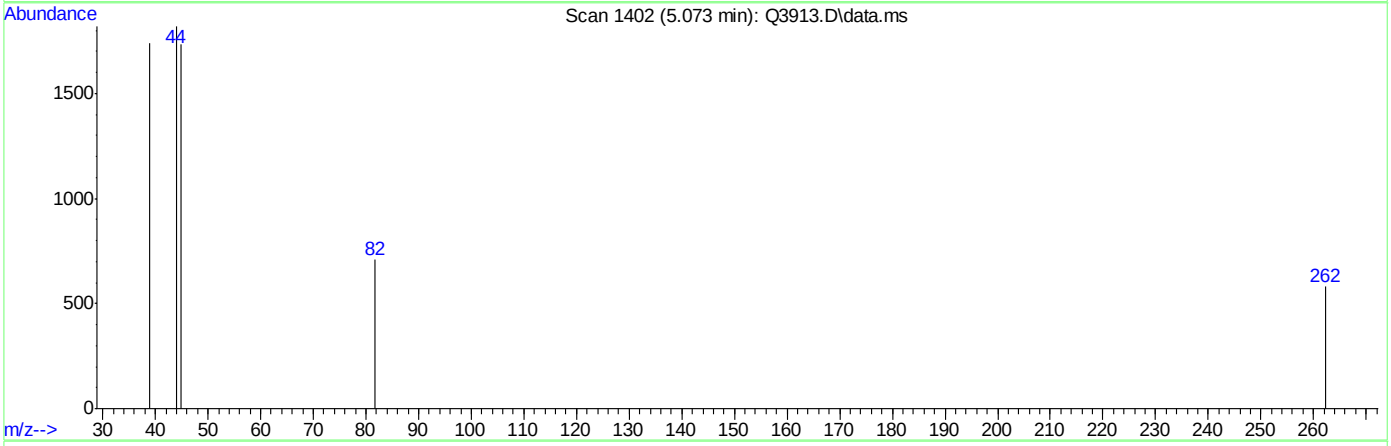
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(16) ETHANOL (m)

5.073min (-0.023) 0.22PPBV m

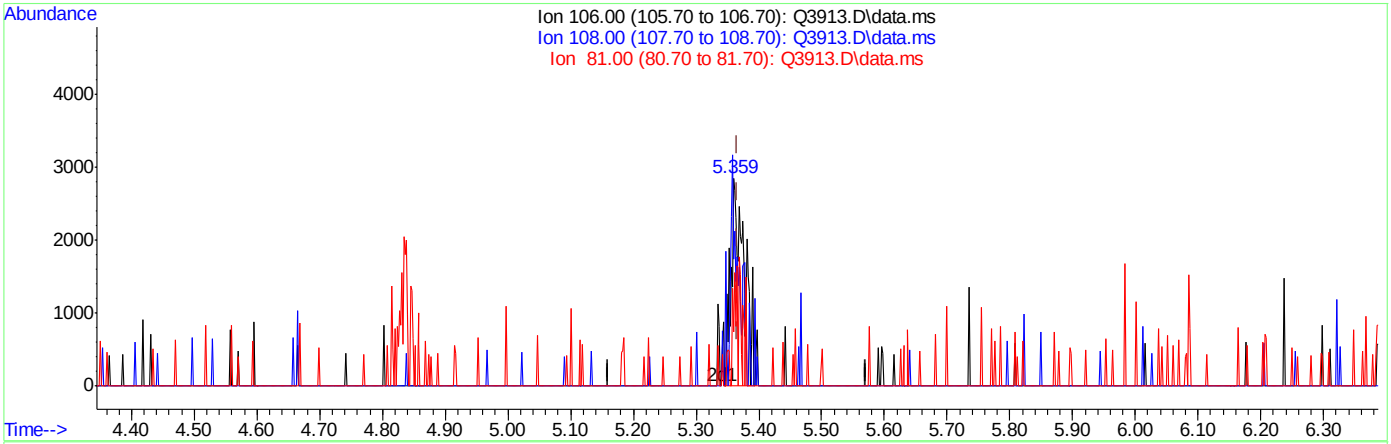
response 2181

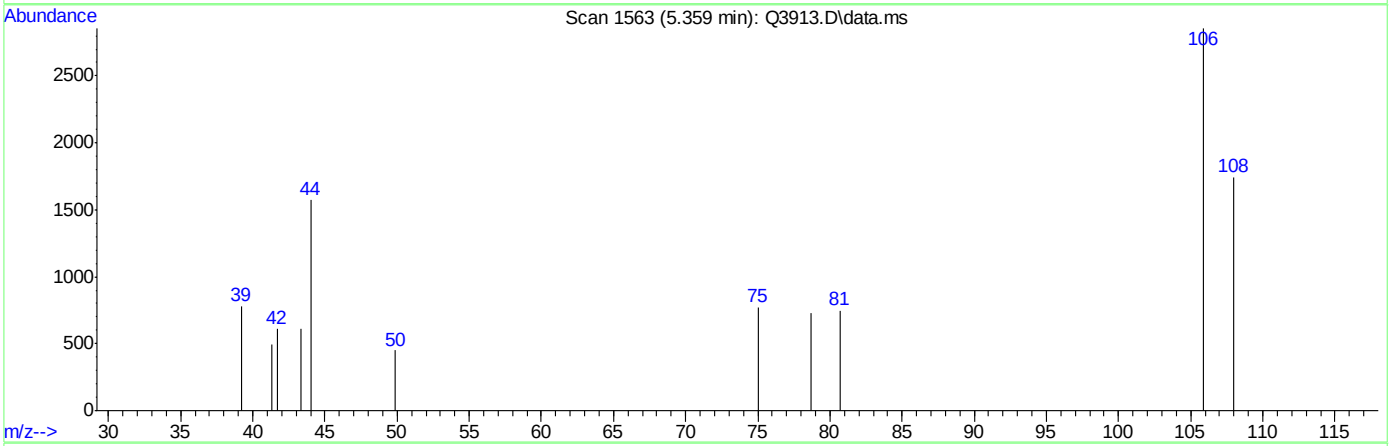
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	7.79#
42.00	8.40	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(17) BROMOETHENE (m)

5.359min (-0.007) 0.17PPBV

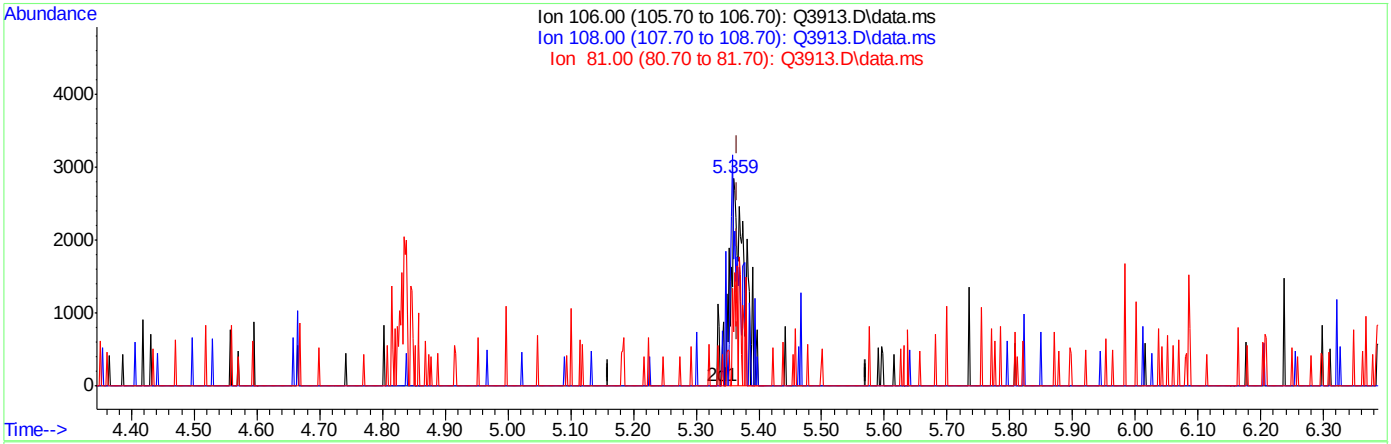
response 4005

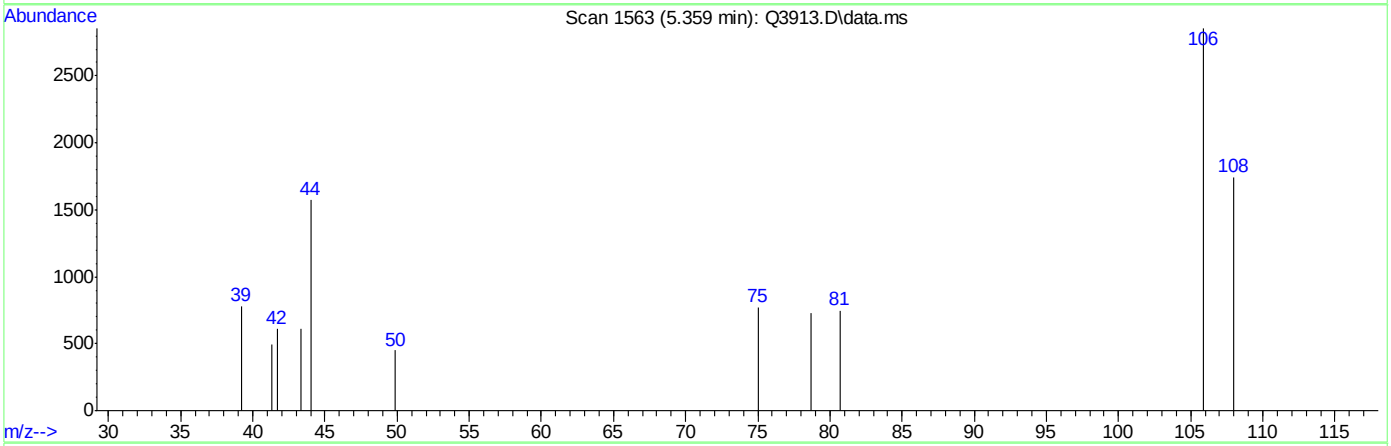
Ion	Exp%	Act%
106.00	100	100
108.00	94.00	60.02#
81.00	16.80	20.12
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(17) BROMOETHENE (m)

5.359min (-0.007) 0.20PPBV m

response 4734

Ion	Exp%	Act%
106.00	100	100
108.00	94.00	50.78#
81.00	16.80	17.03
0.00	0.00	0.00

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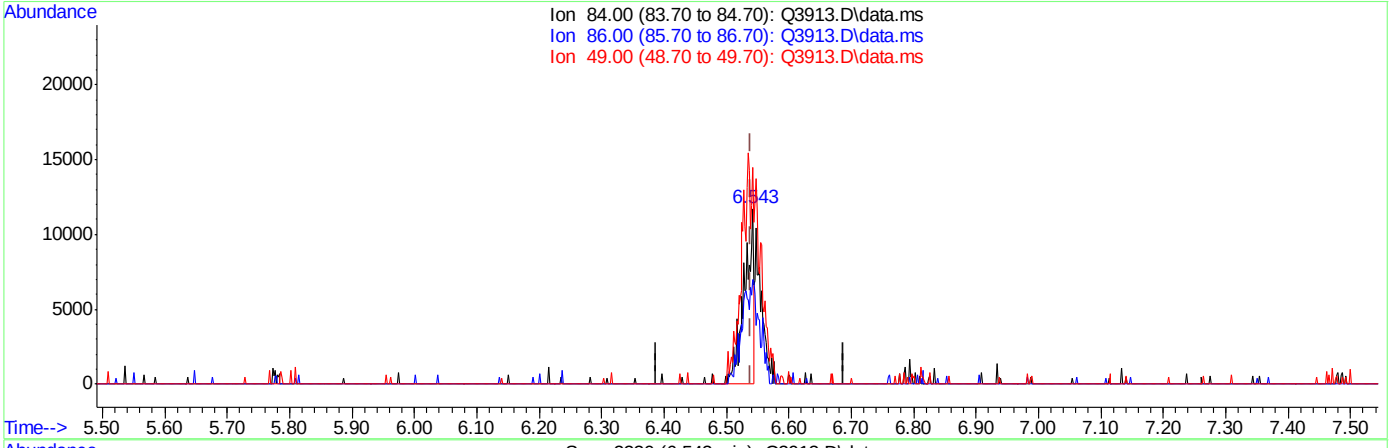
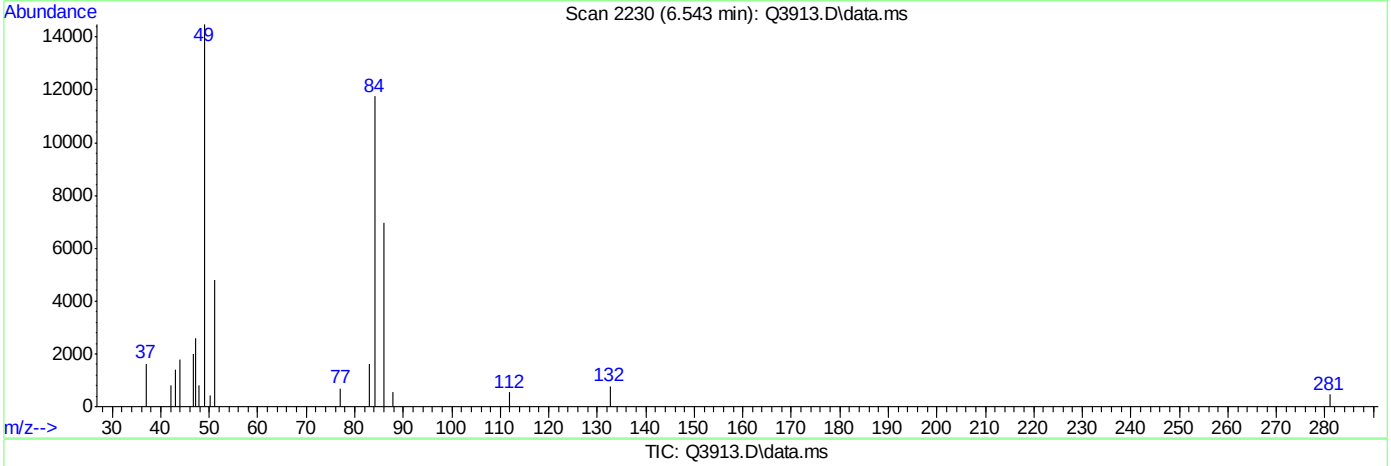
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(18) METHYLENE CHLORIDE (m)

6.543min (+0.004) 0.12PPBV

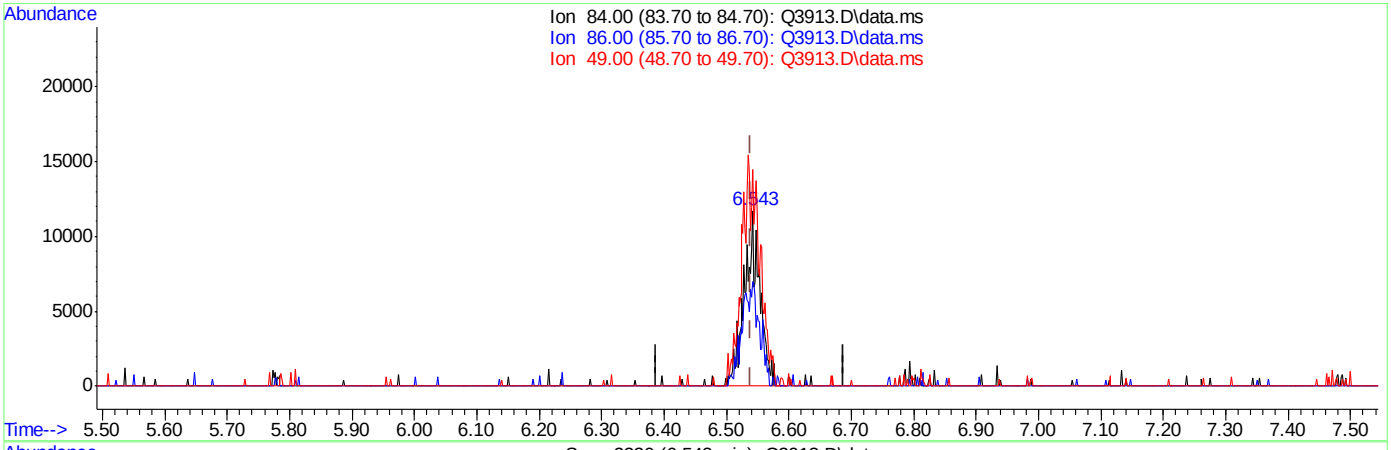
response 12276

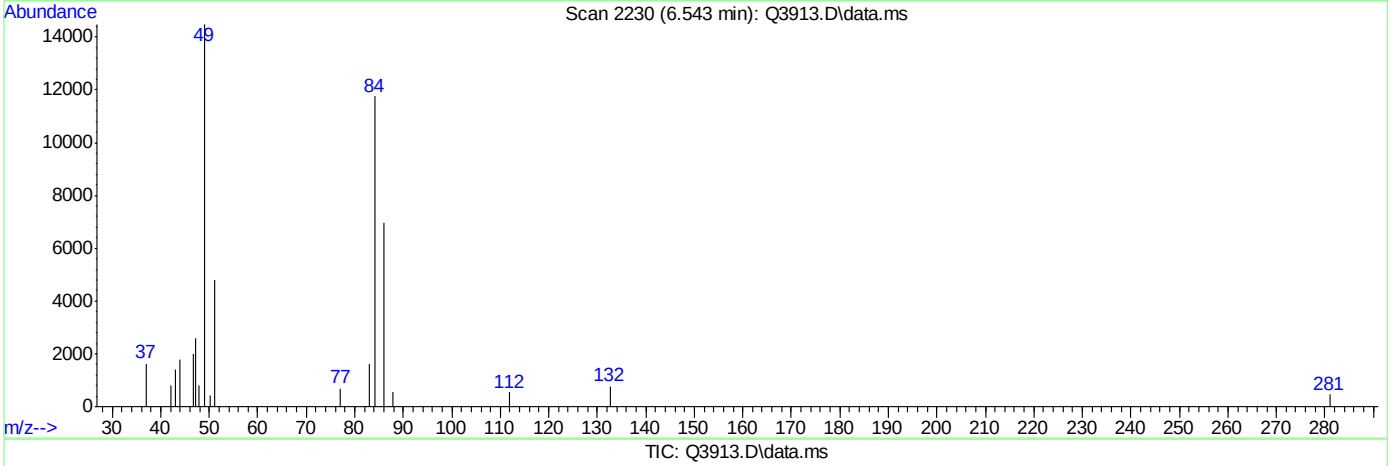
Ion	Exp%	Act%
84.00	100	100
86.00	64.10	52.96
49.00	172.30	254.78
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(18) METHYLENE CHLORIDE (m)

6.543min (+0.004) 0.20PPBV m

response 20126

Ion	Exp%	Act%
84.00	100	100
86.00	64.10	32.30#
49.00	172.30	155.41
0.00	0.00	0.00

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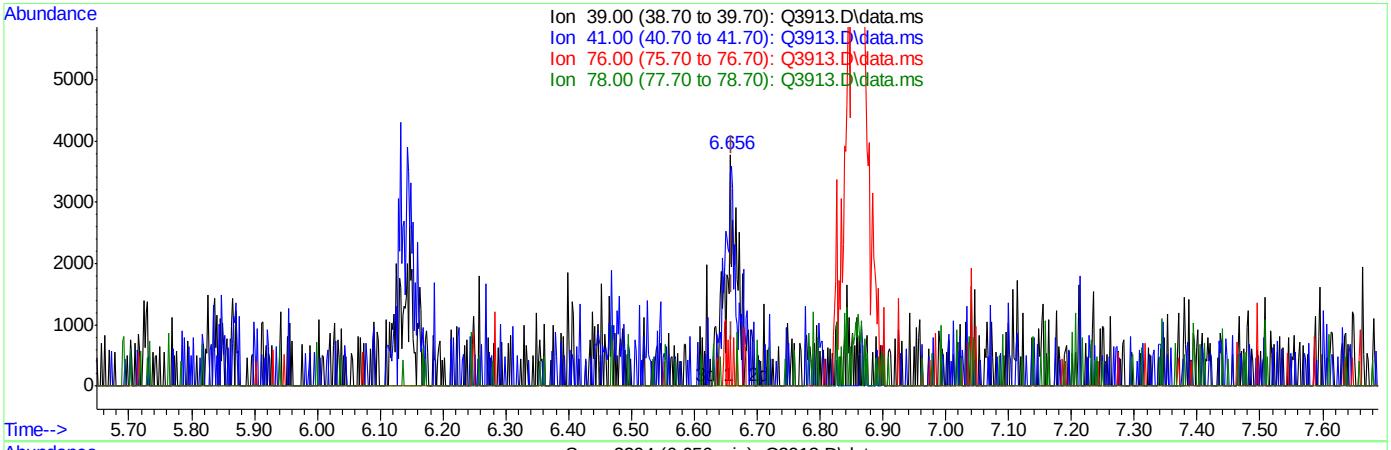
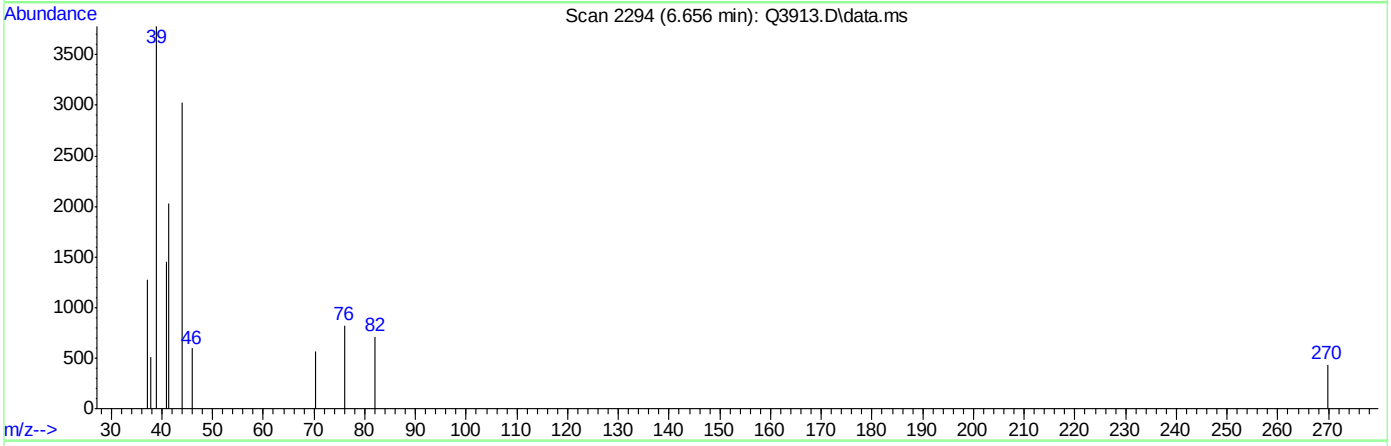
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(19) 3-CHLOROPROPENE (m)

6.656min (-0.003) 0.12PPBV

response 3576

Ion	Exp%	Act%
39.00	100	100
41.00	130.80	116.97
76.00	38.00	14.60#
78.00	12.20	0.00

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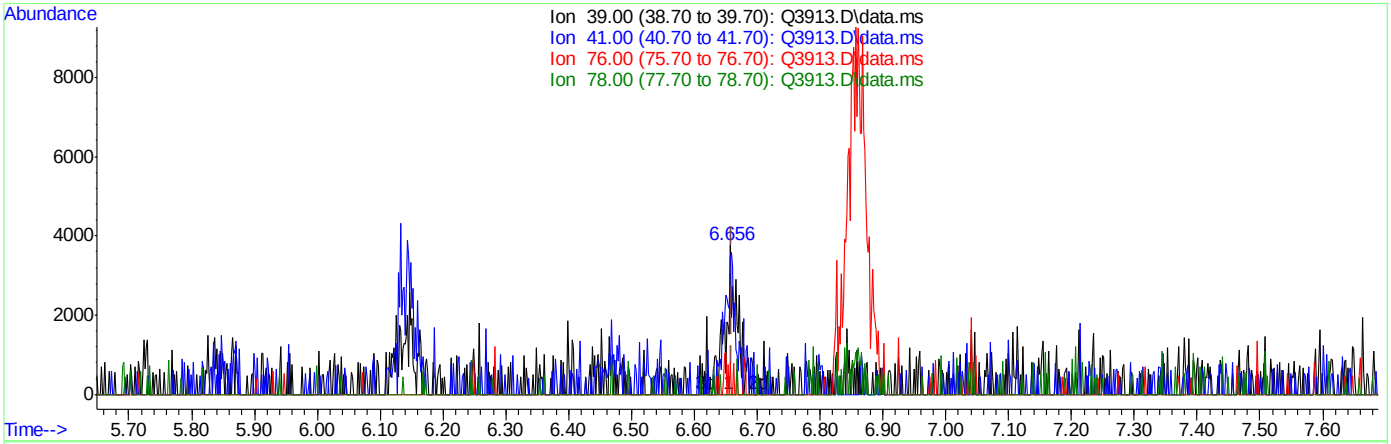
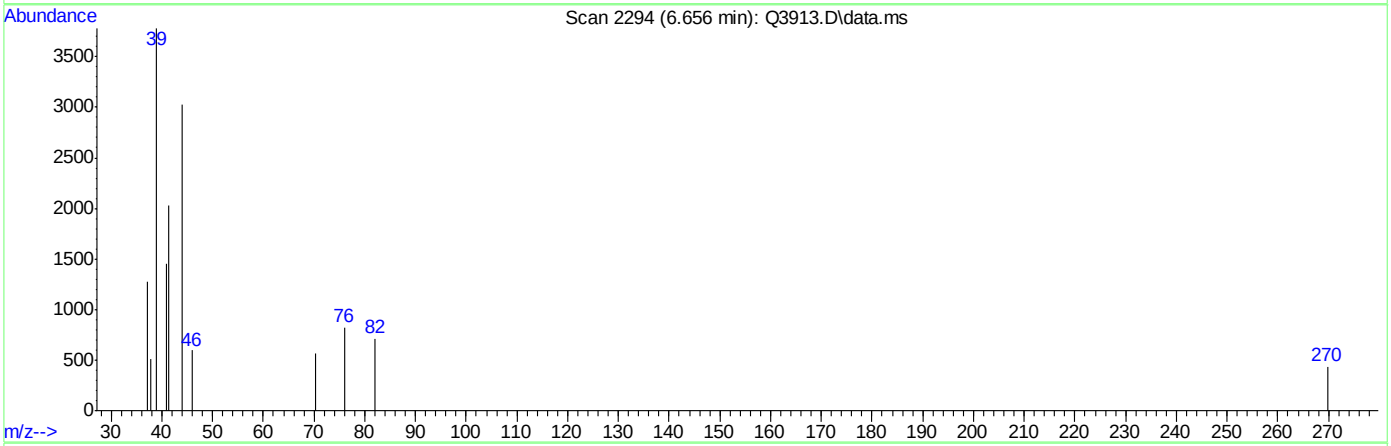
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(19) 3-CHLOROPROPENE (m)

6.656min (-0.003) 0.18PPBV m

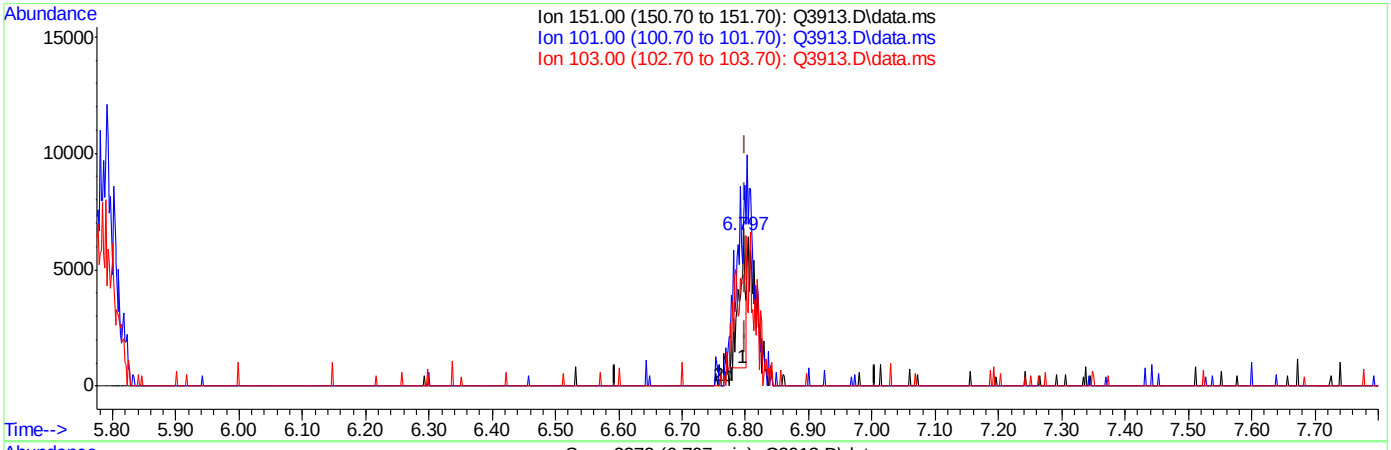
response 5176

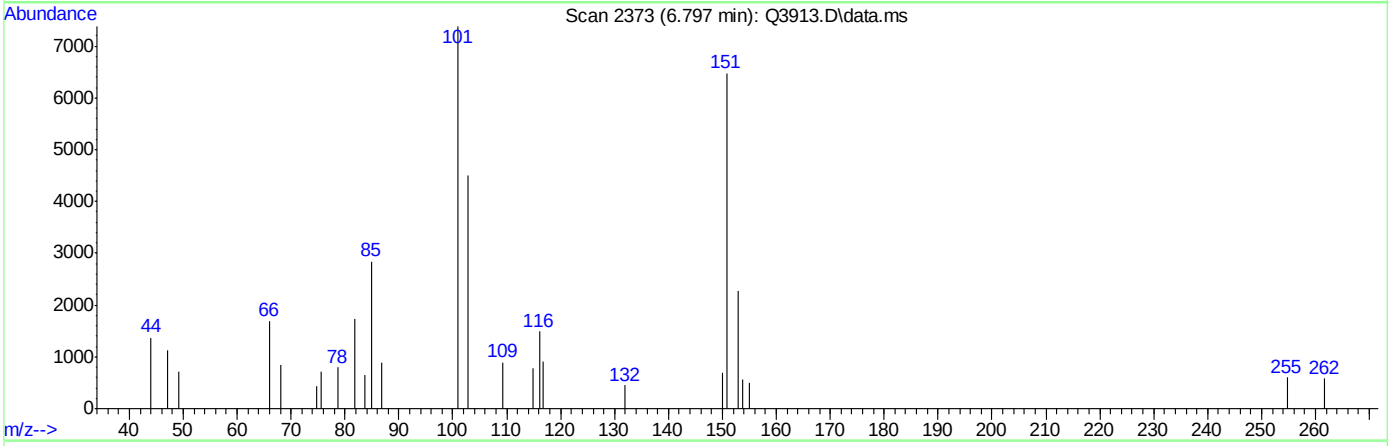
Ion	Exp%	Act%
39.00	100	100
41.00	130.80	80.82#
76.00	38.00	10.09#
78.00	12.20	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(20) FREON 113 (m)

6.797min (-0.003) 0.06PPBV

response 4017

Ion	Exp%	Act%
151.00	100	100
101.00	130.10	433.76#
103.00	83.00	41.18#
0.00	0.00	0.00

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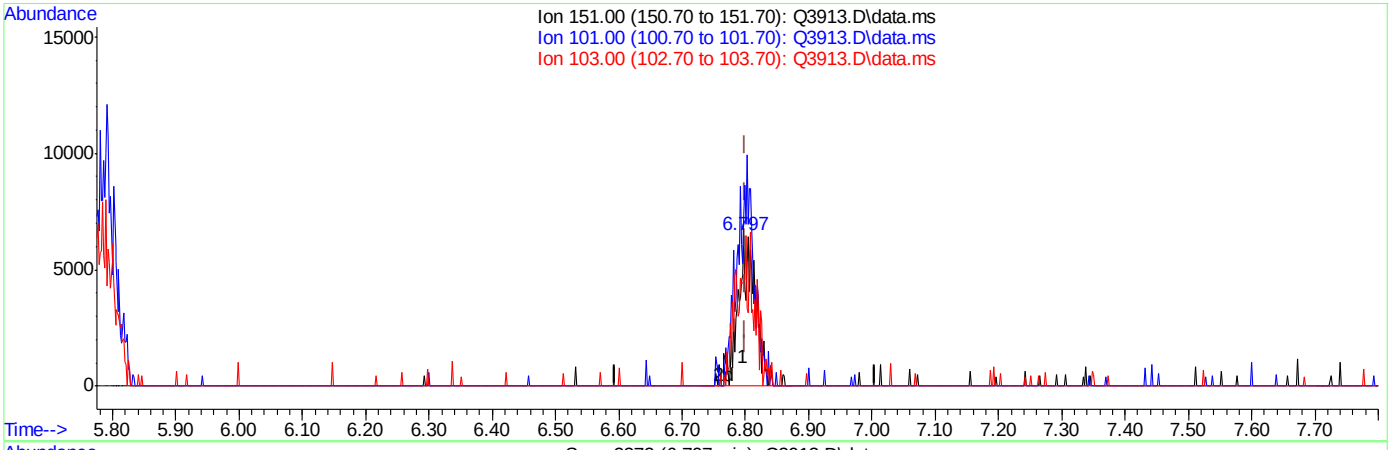
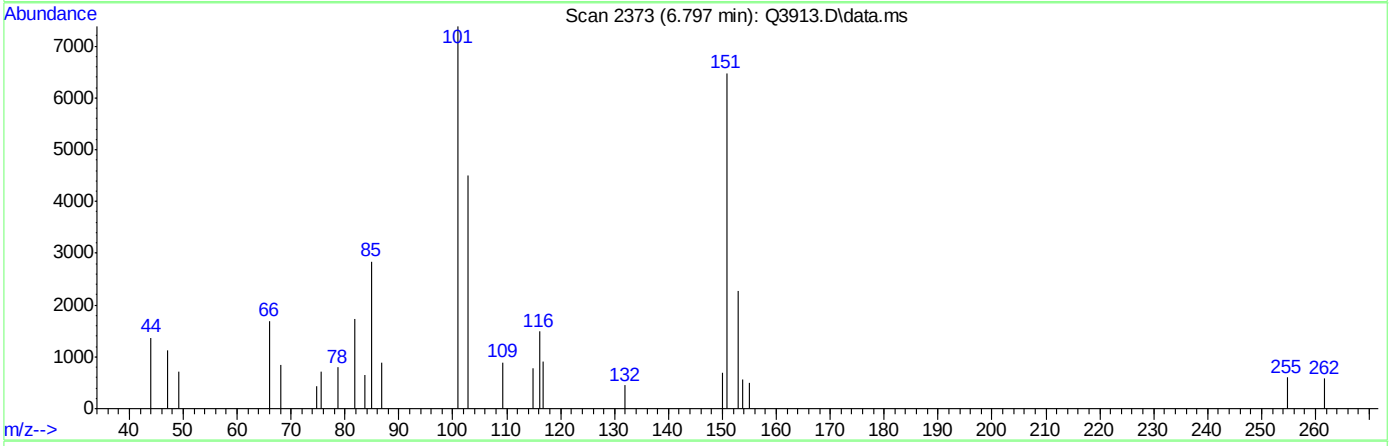
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(20) FREON 113 (m)

6.797min (-0.003) 0.20PPBV m

response 12552

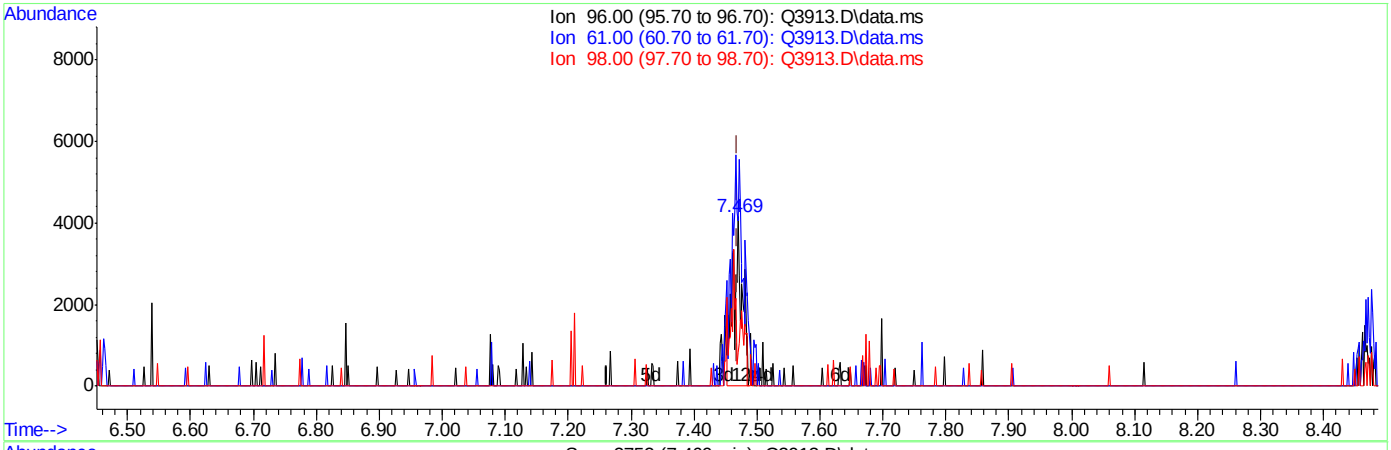
Ion	Exp%	Act%
151.00	100	100
101.00	130.10	138.81
103.00	83.00	13.18#
0.00	0.00	0.00

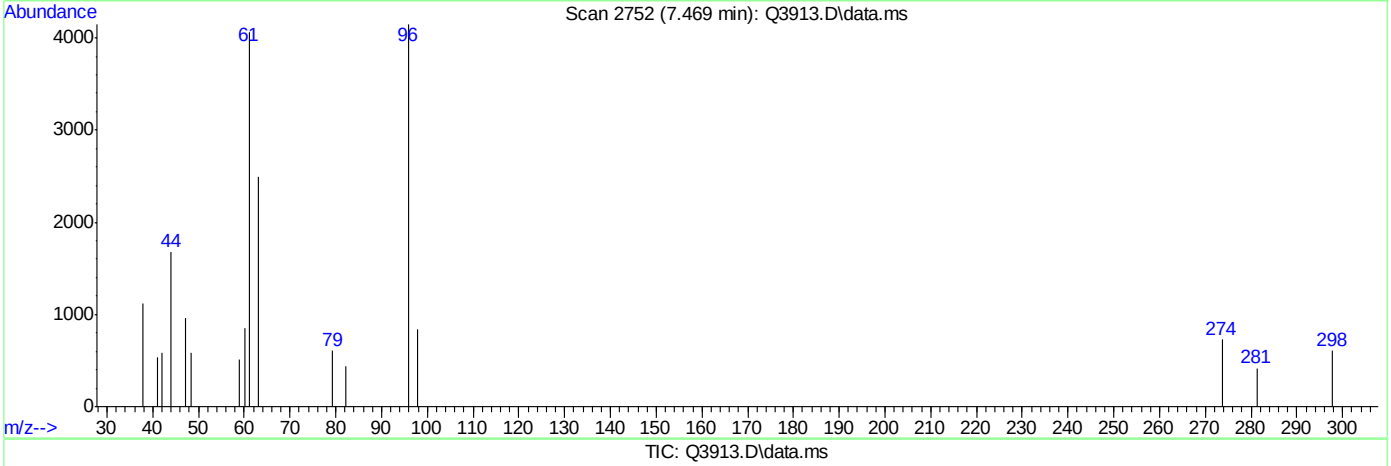
ACCUTEST Laboratories M66023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

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

7.469min (+0.000) 0.16PPBV

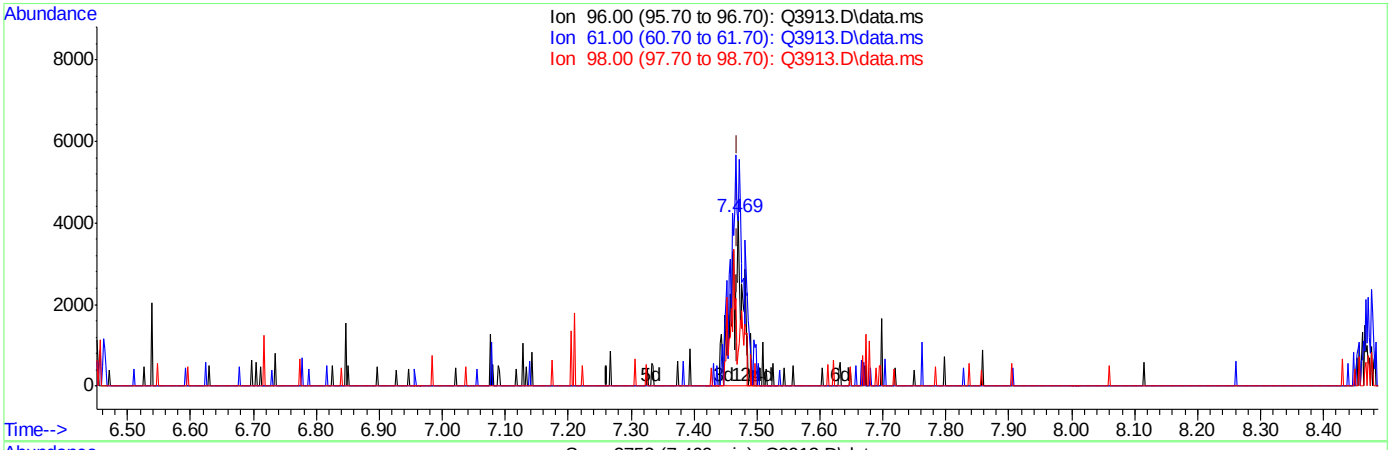
response 4311

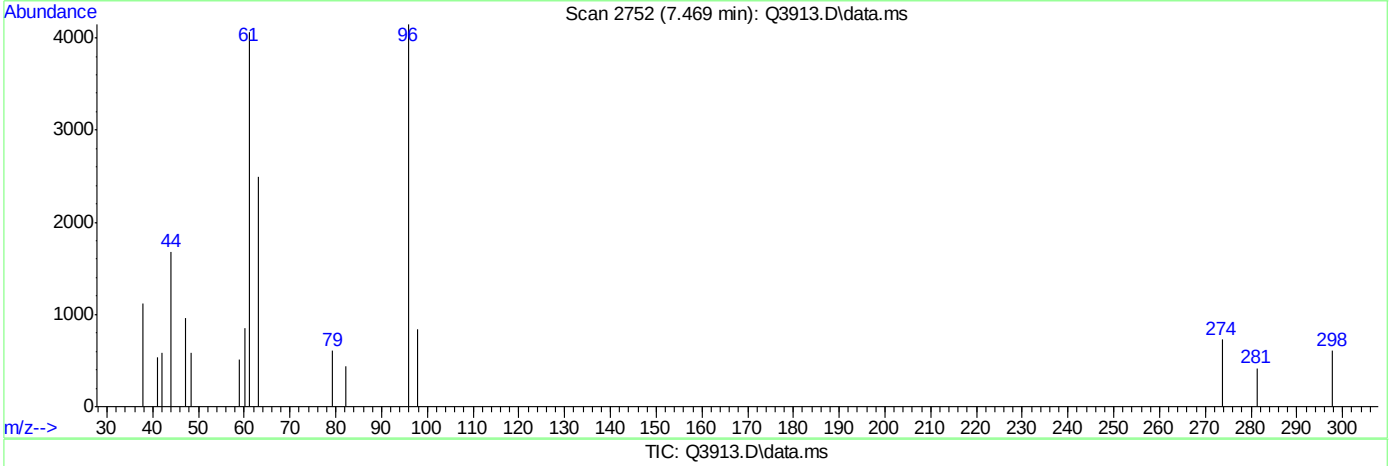
Ion	Exp%	Act%
96.00	100	100
61.00	181.00	181.72
98.00	63.30	45.74
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

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

7.469min (+0.000) 0.20PPBV m

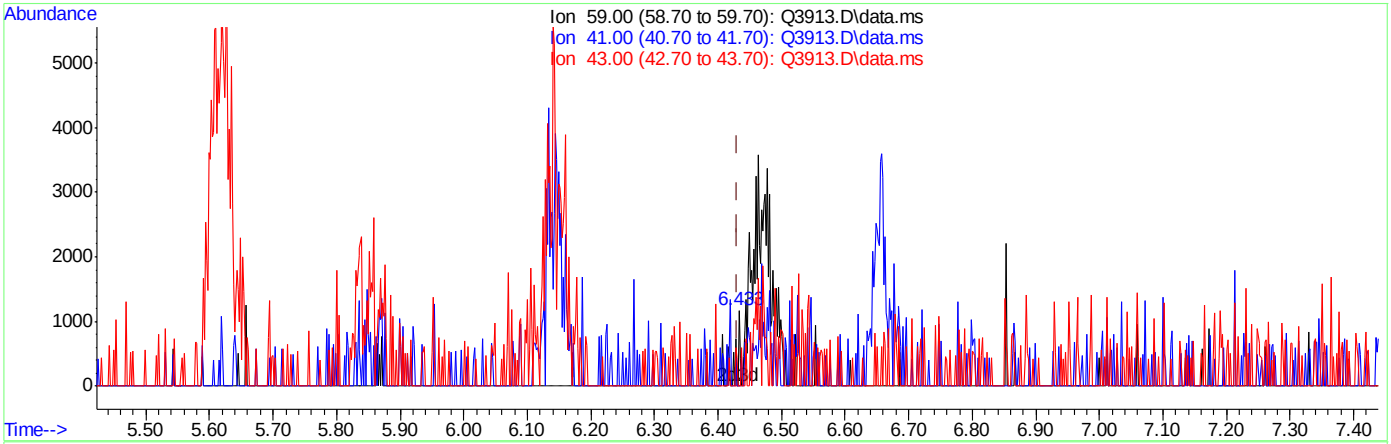
response 5516

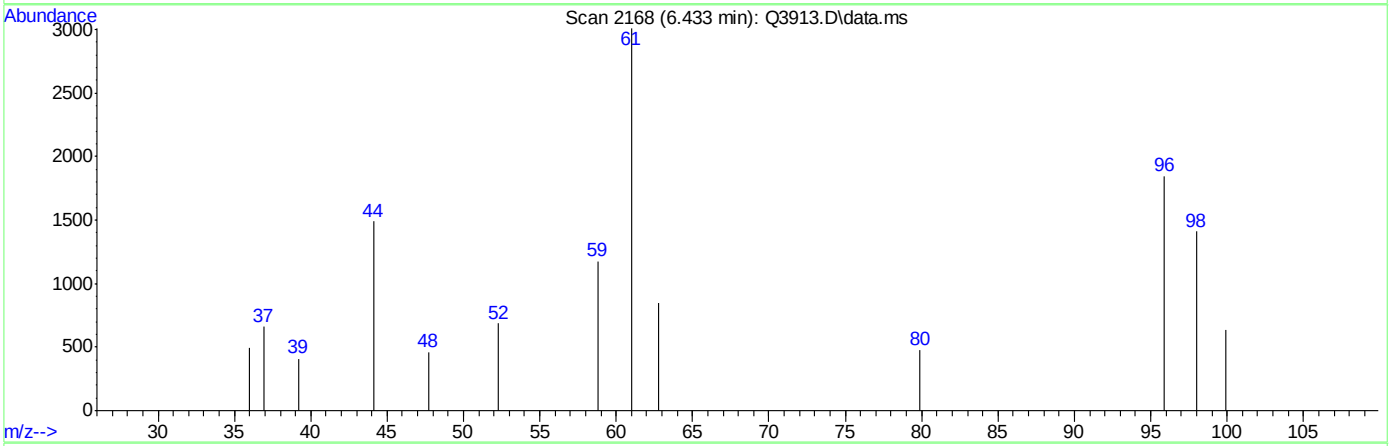
Ion	Exp%	Act%
96.00	100	100
61.00	181.00	142.02#
98.00	63.30	35.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





(22) TERTIARY BUTYL ALCOHOL (m)

6.433min (+0.002) 0.01PPBV

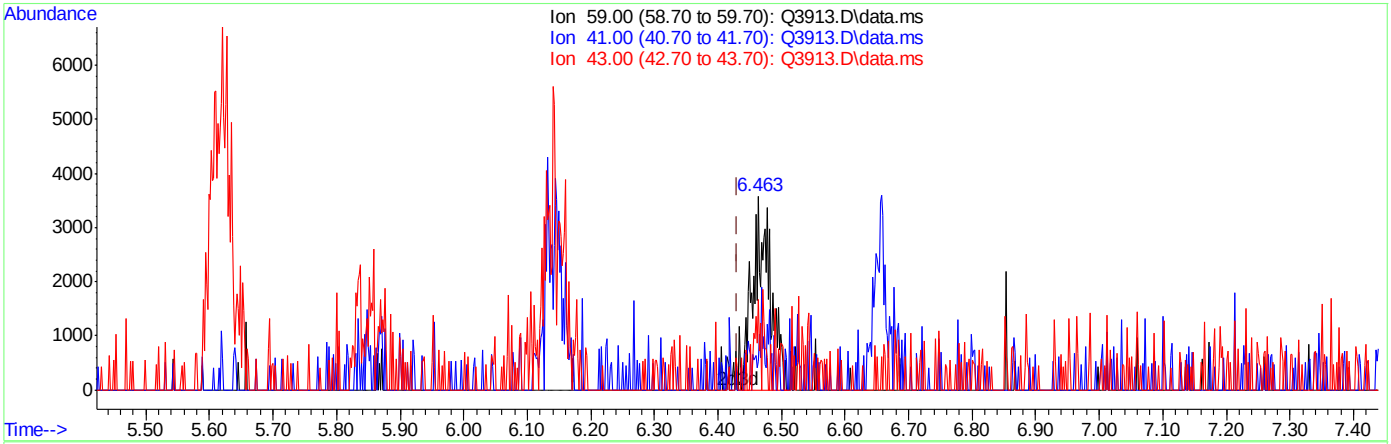
response 247

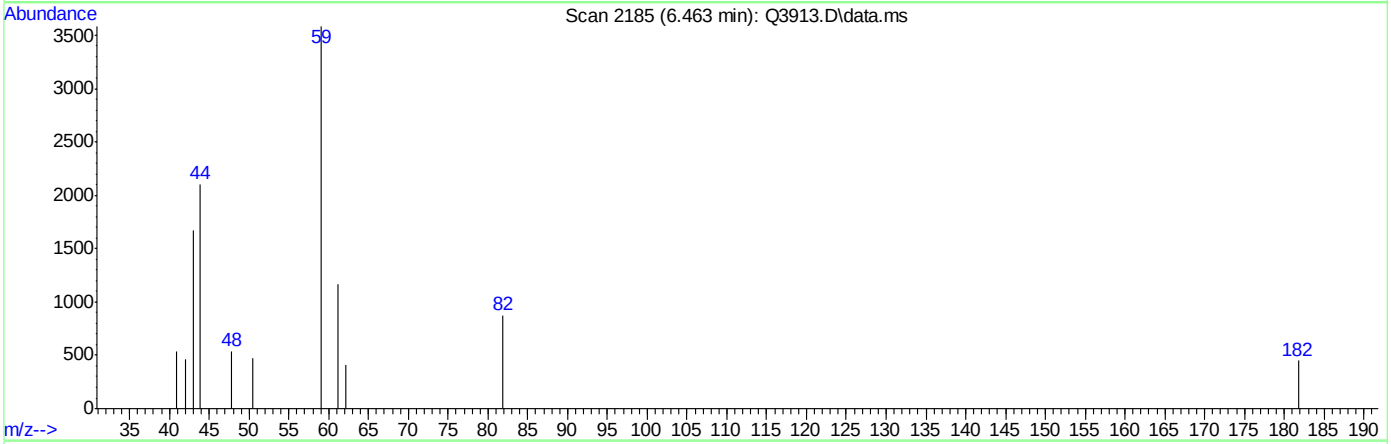
Ion	Exp%	Act%
59.00	100	100
41.00	16.40	0.00
43.00	13.40	25.91
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(22) TERTIARY BUTYL ALCOHOL (m)

6.463min (+0.032) 0.19PPBV m

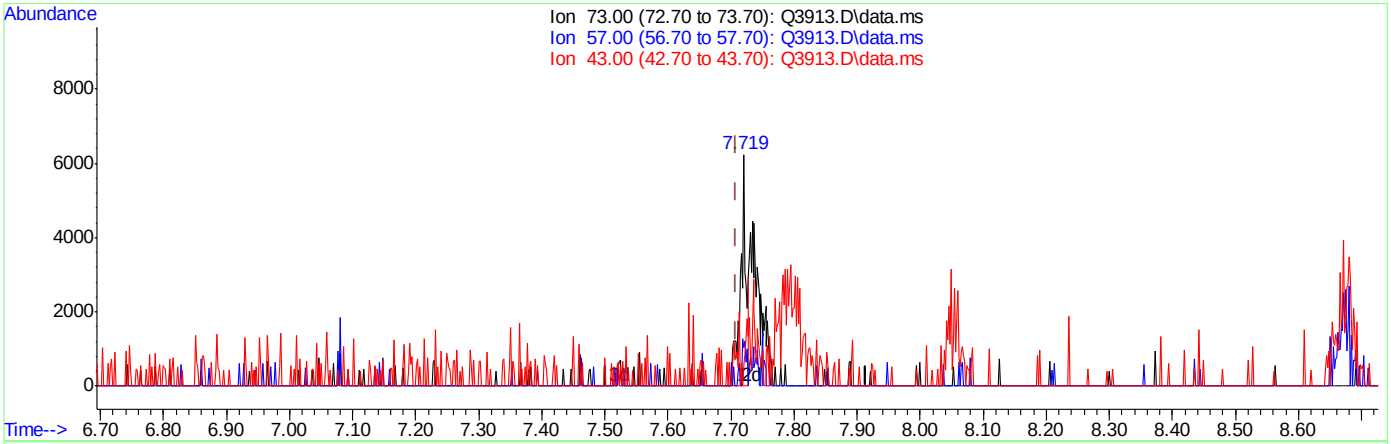
response 6717

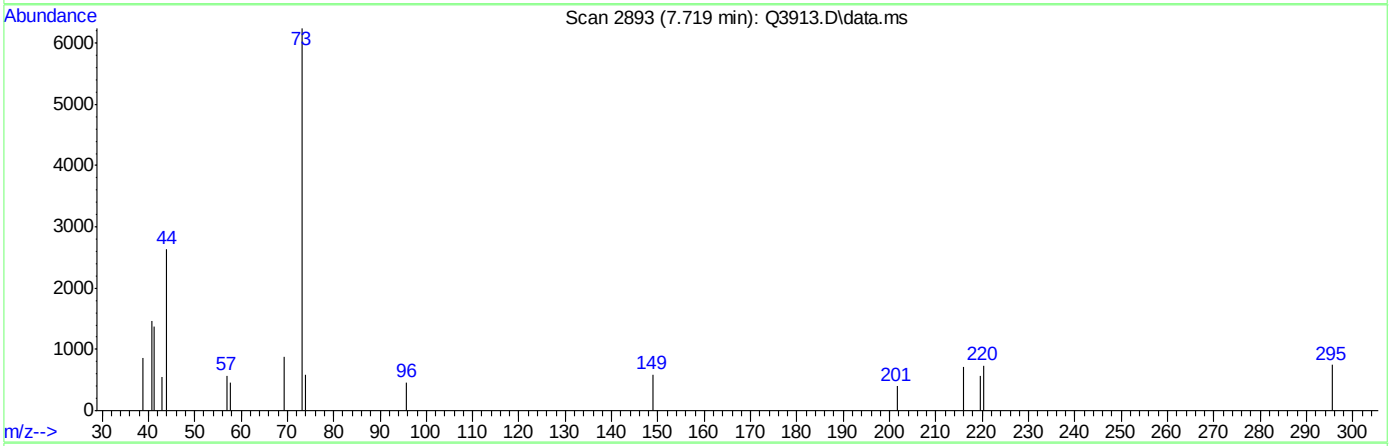
Ion	Exp%	Act%
59.00	100	100
41.00	16.40	0.00
43.00	13.40	0.95
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(23) METHYL TERTIARY BUTYL ETHER (m)

7.719min (+0.011) 0.08PPBV

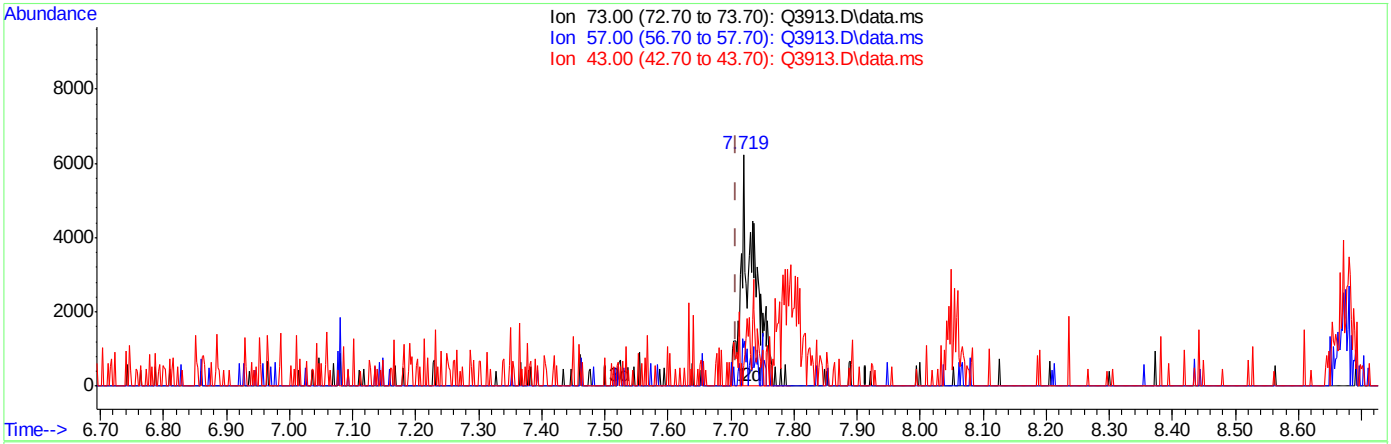
response 3713

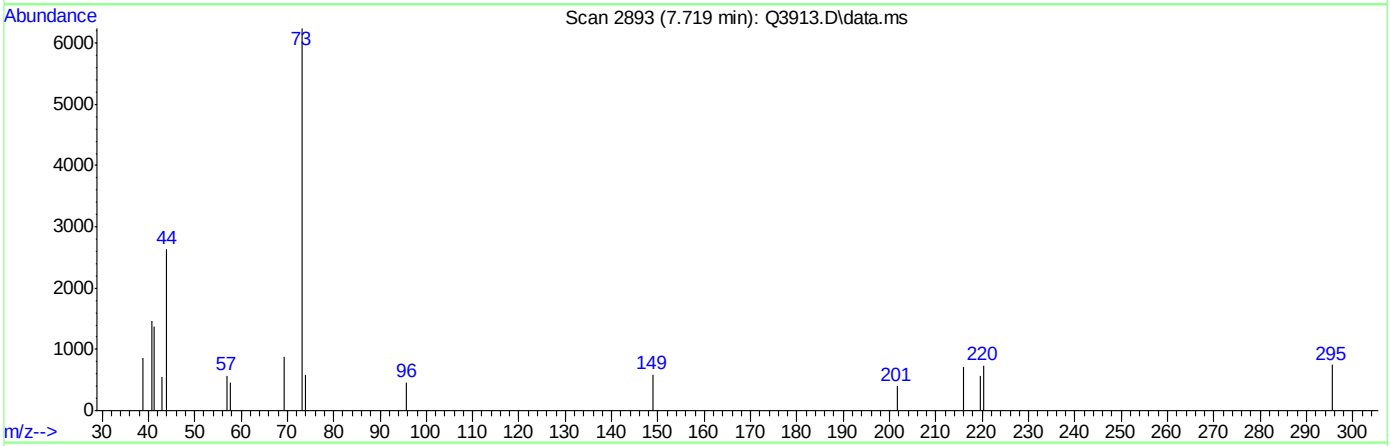
Ion	Exp%	Act%
73.00	100	100
57.00	26.00	17.88
43.00	25.90	24.43
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(23) METHYL TERTIARY BUTYL ETHER (m)

7.719min (+0.011) 0.20PPBV m

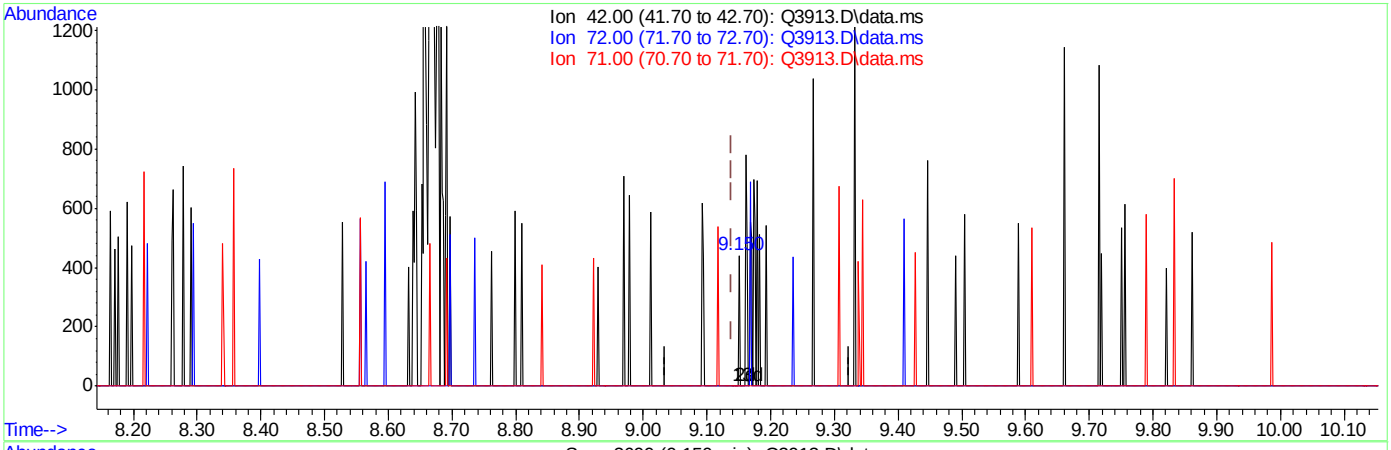
response 9188

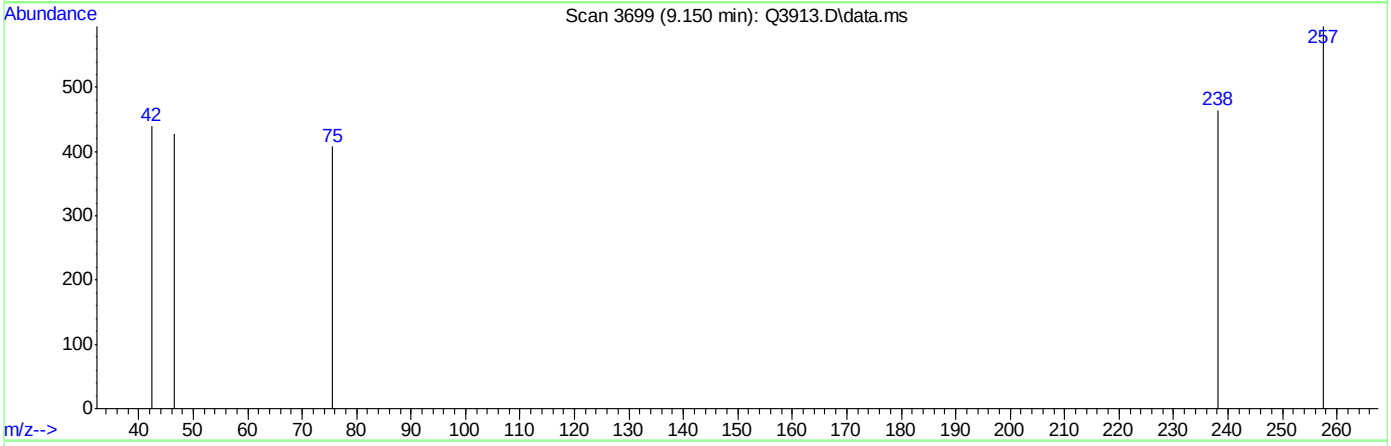
Ion	Exp%	Act%
73.00	100	100
57.00	26.00	7.23
43.00	25.90	9.87
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(24) TETRAHYDROFURAN (m)

9.150min (+0.011) 0.02PPBV

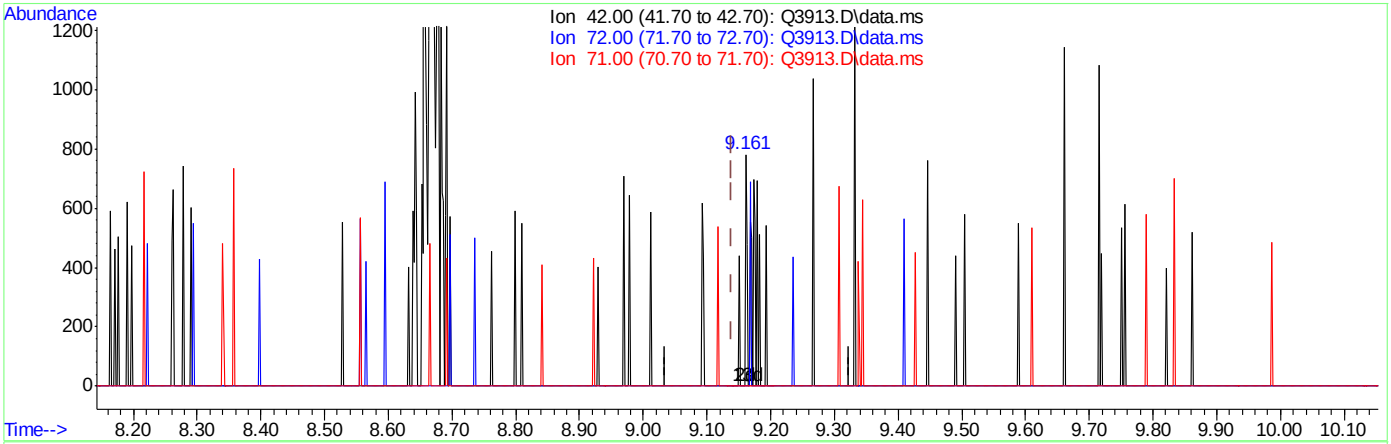
response 47

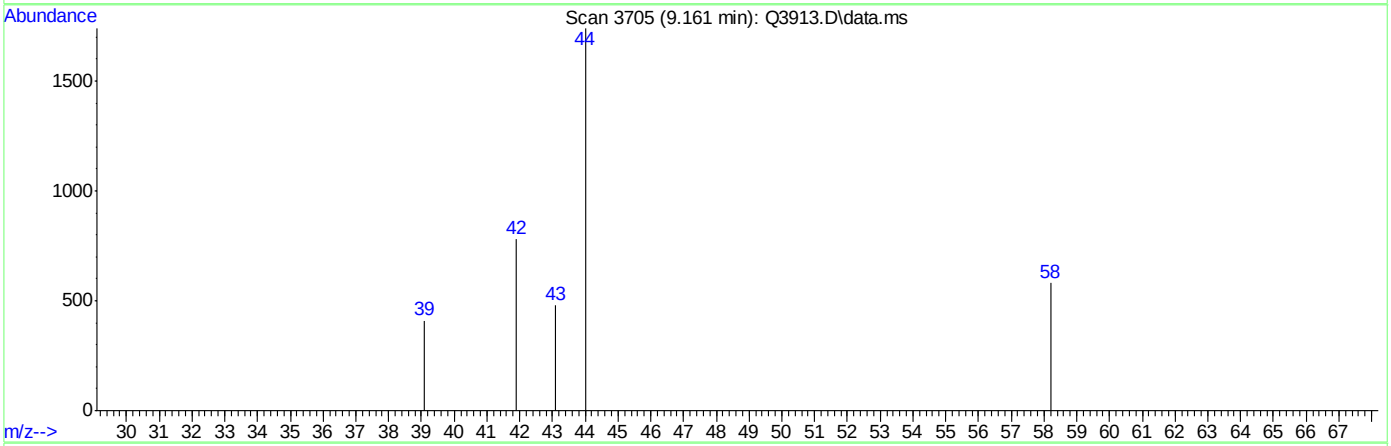
Ion	Exp%	Act%
42.00	100	100
72.00	28.70	0.00#
71.00	27.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(24) TETRAHYDROFURAN (m)

9.161min (+0.021) 0.20PPBV m

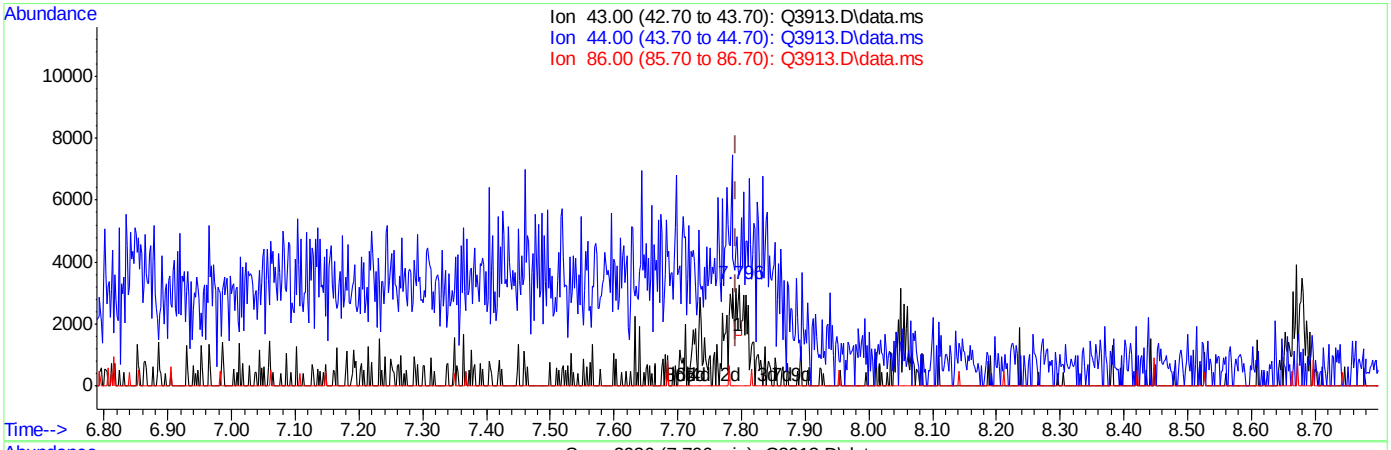
response 613

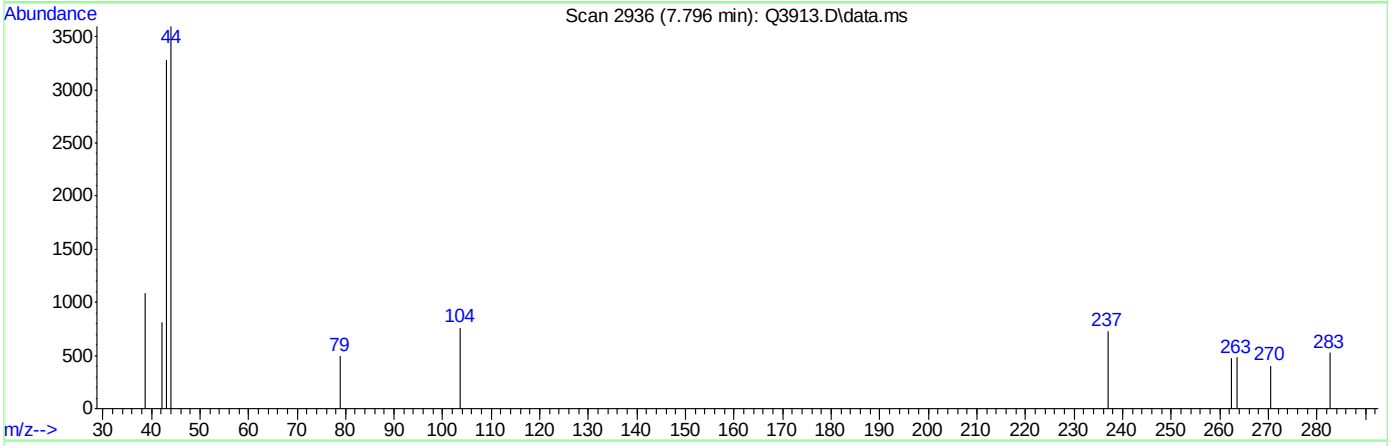
Ion	Exp%	Act%
42.00	100	100
72.00	28.70	0.00#
71.00	27.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On    :  5 Jul 2007   5:27 pm
Operator  : PhilipB
Sample    : IC210-.2 (M214)
Misc      : MS13877, MSQ210,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration
```



TIC: Q3913.D\data.ms

(26) VINYL ACETATE (m)

7.796min (+0.004) 0.01PPBV

response 583

Ion	Exp%	Act%
43.00	100	100
44.00	4.80	128.99#
86.00	6.40	0.00
0.00	0.00	0.00

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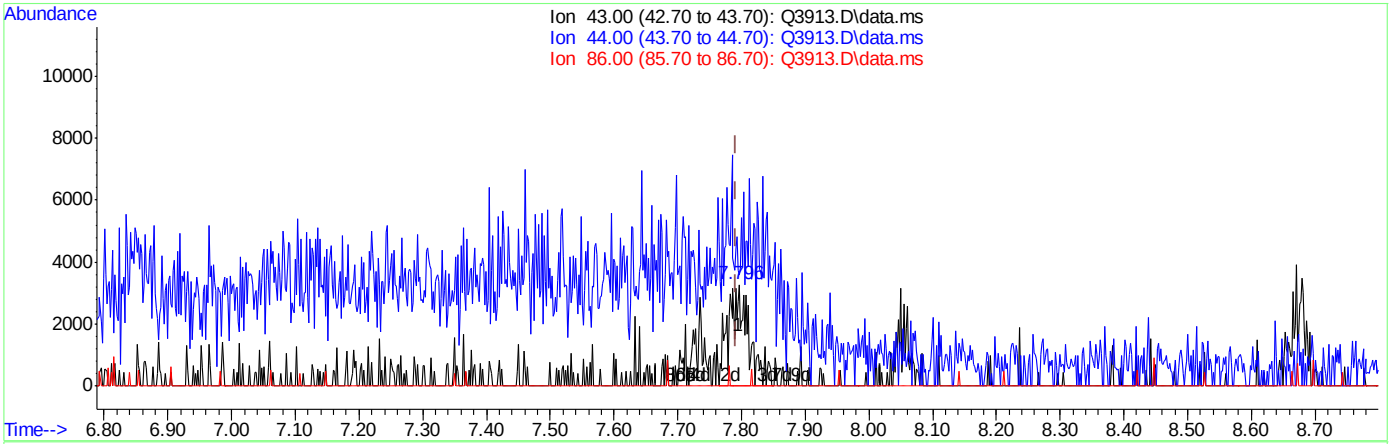
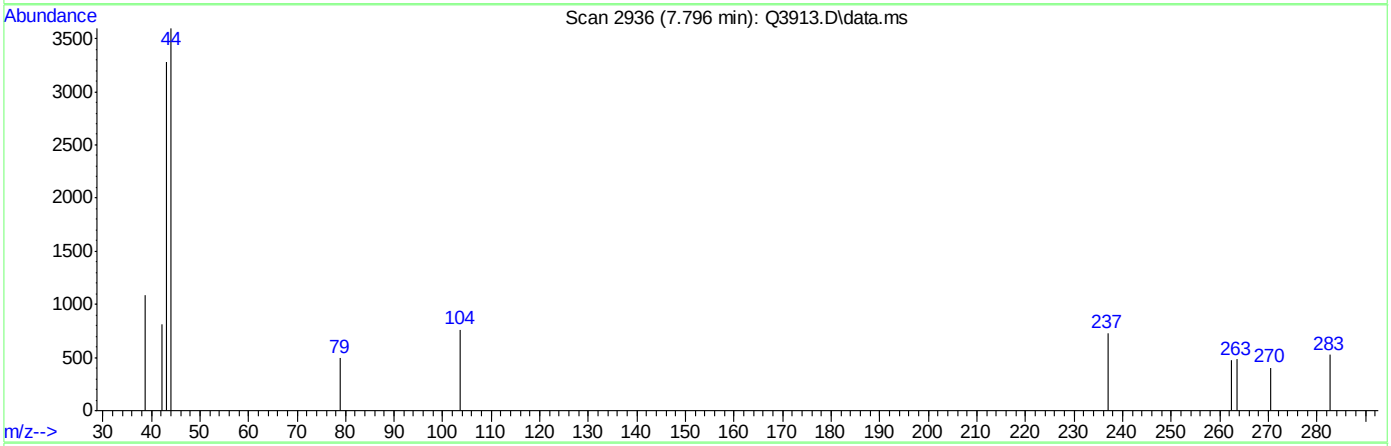
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(26) VINYL ACETATE (m)

7.796min (+0.004) 0.18PPBV m

response 7169

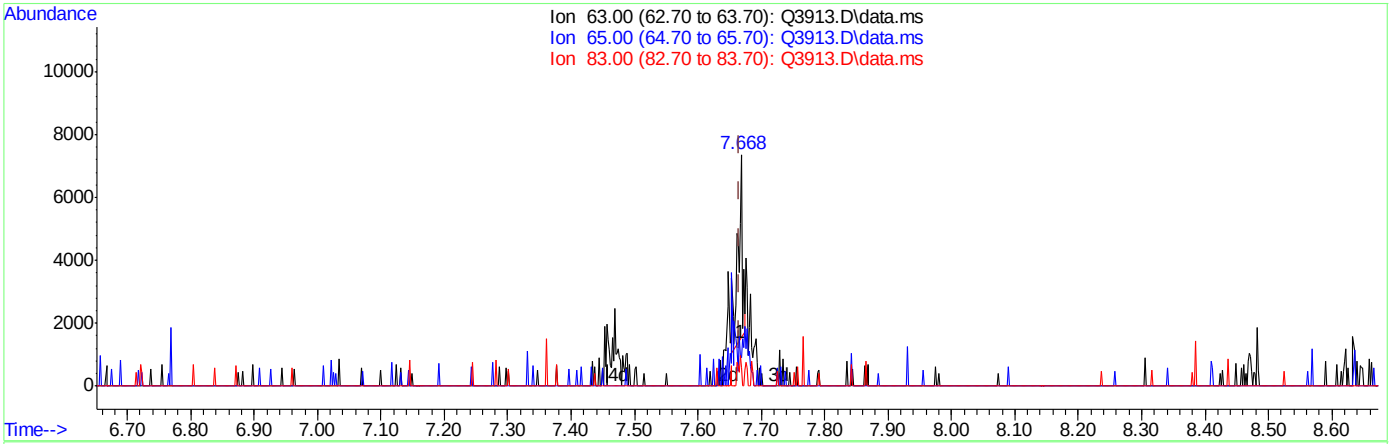
Ion	Exp%	Act%
43.00	100	100
44.00	4.80	10.49
86.00	6.40	0.00
0.00	0.00	0.00

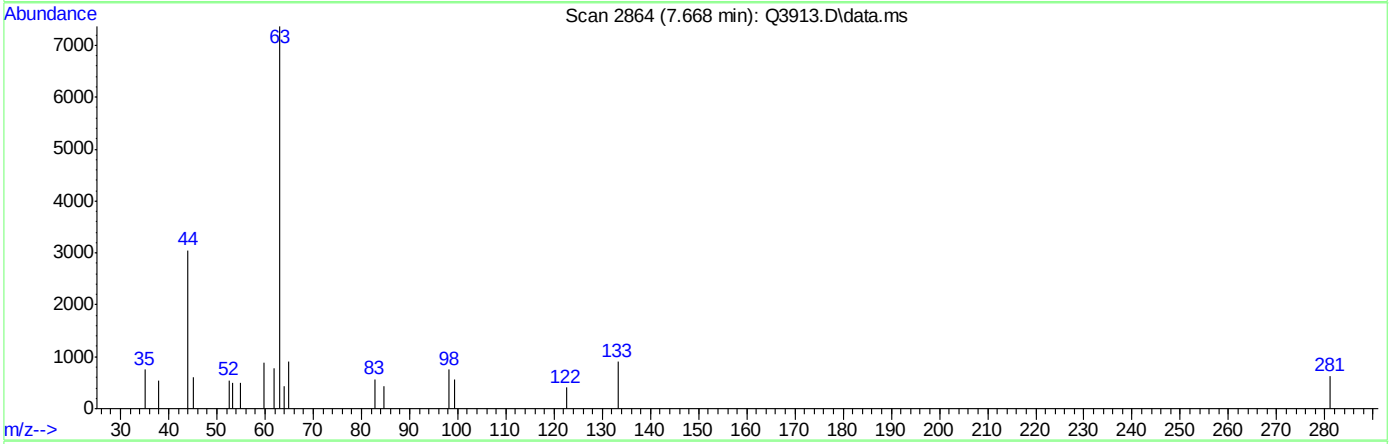
ACCUTEST Laboratories M66023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(27) 1,1-DICHLOROETHANE (m)

7.668min (+0.002) 0.07PPBV

response 2833

Ion	Exp%	Act%
63.00	100	100
65.00	30.50	0.00#
83.00	12.10	14.79
0.00	0.00	0.00

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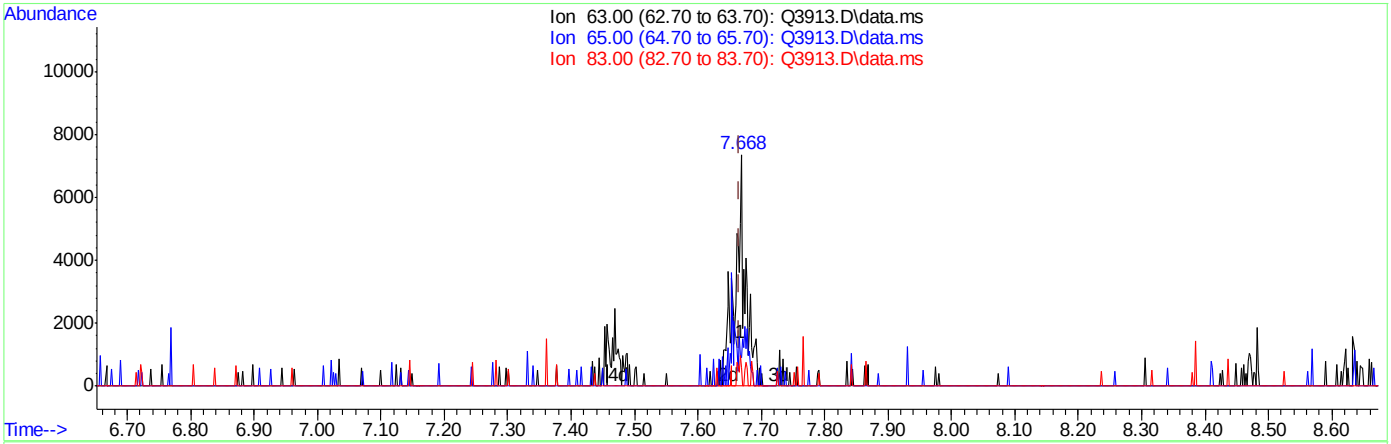
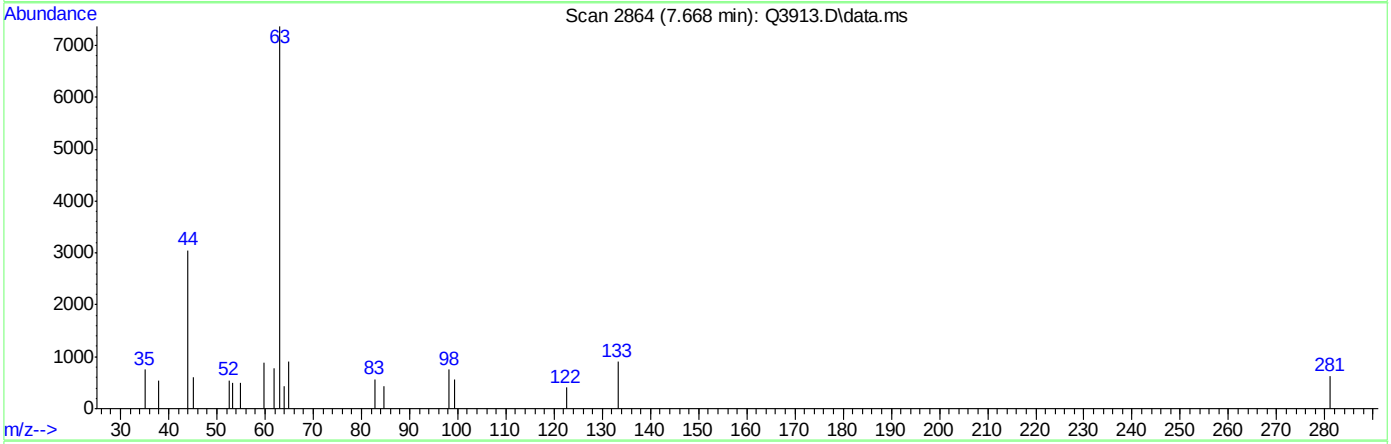
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(27) 1,1-DICHLOROETHANE (m)

7.668min (+0.002) 0.20PPBV m

response 8363

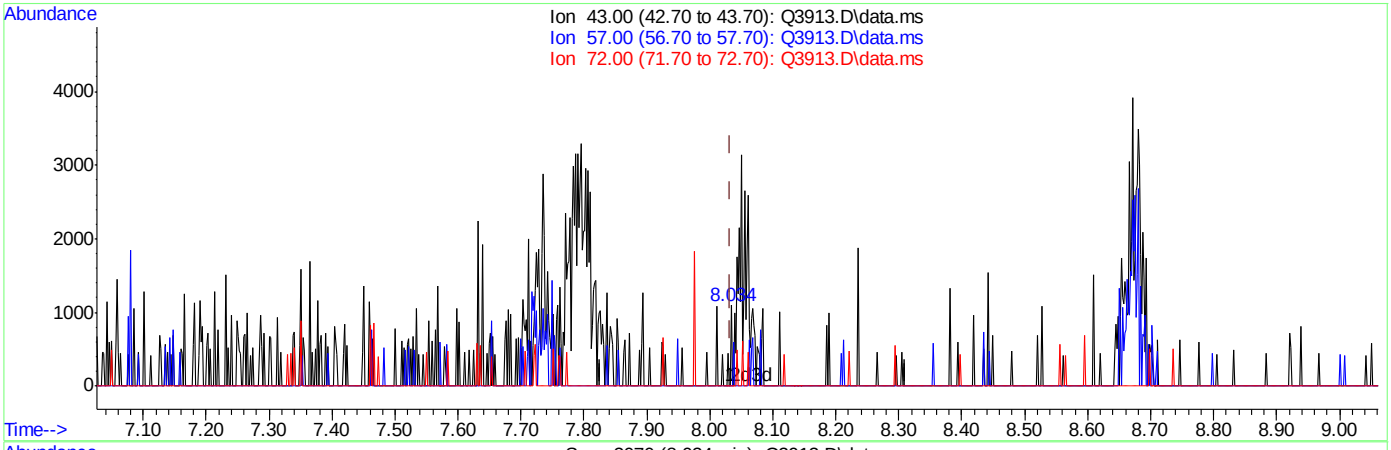
Ion	Exp%	Act%
63.00	100	100
65.00	30.50	0.00#
83.00	12.10	5.01
0.00	0.00	0.00

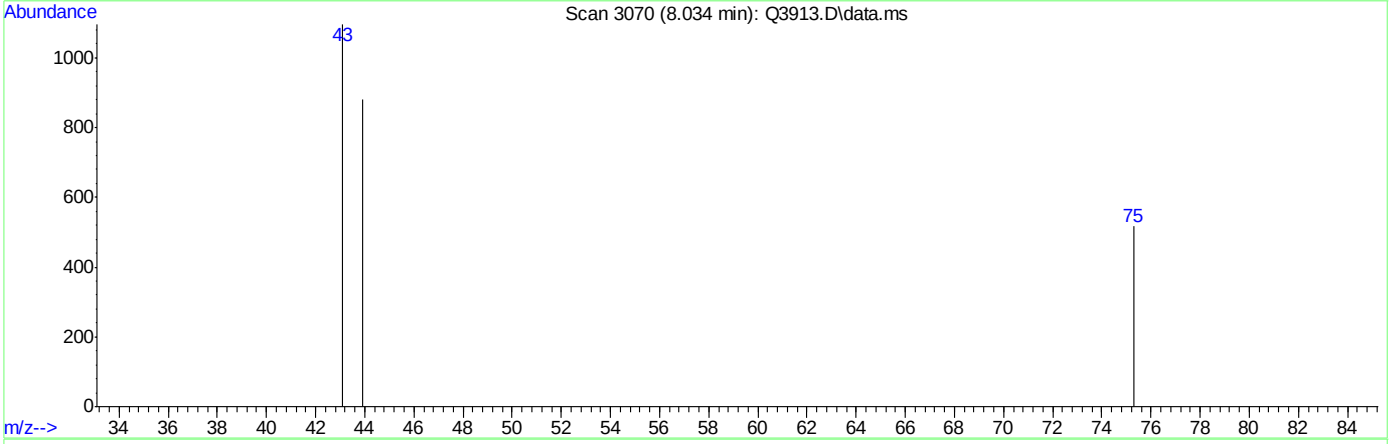
ACCUTEST Laboratories M66023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(28) METHYL ETHYL KETONE (m)

8.034min (+0.000) 0.01PPBV

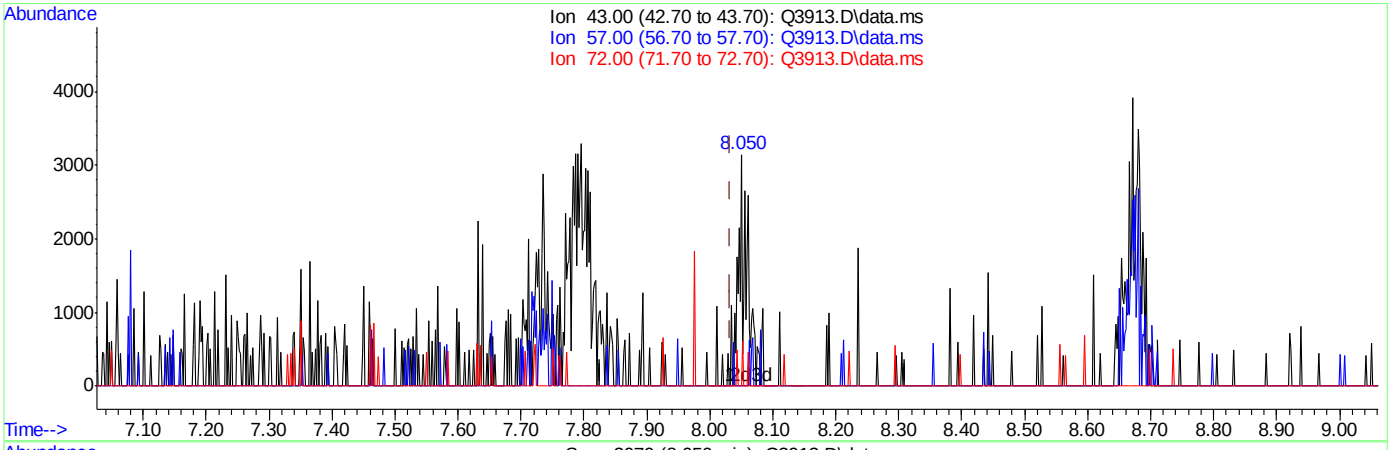
response 164

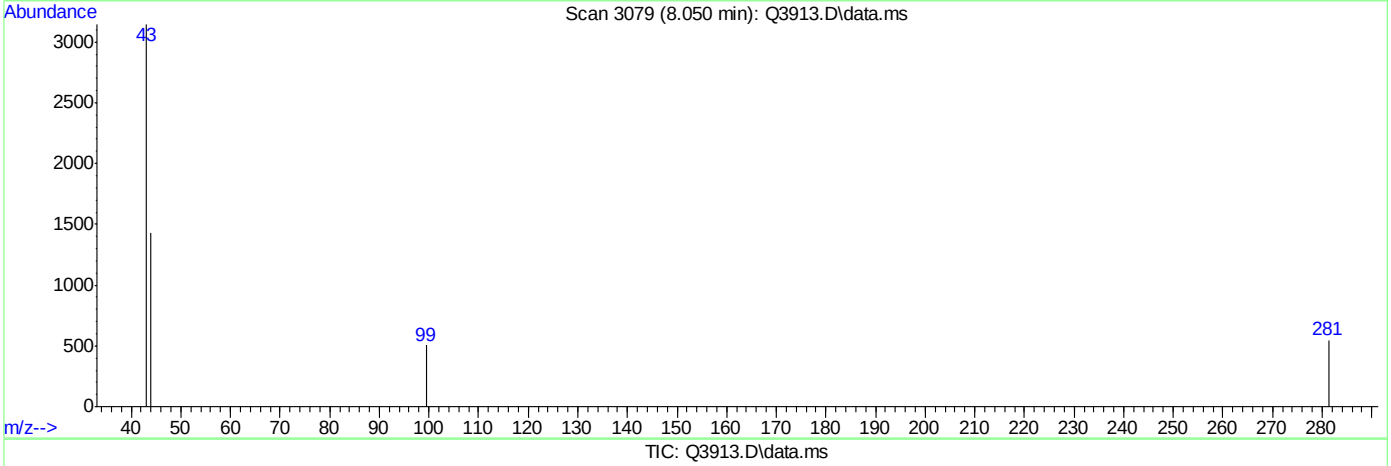
Ion	Exp%	Act%
43.00	100	100
57.00	7.70	0.00
72.00	14.60	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(28) METHYL ETHYL KETONE (m)

8.050min (+0.016) 0.19PPBV m

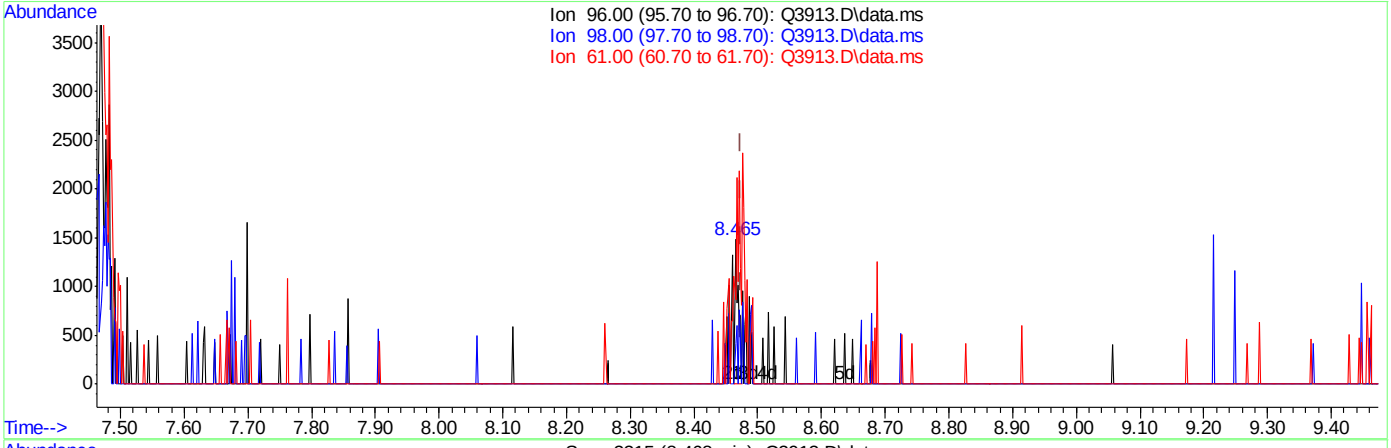
response 3354

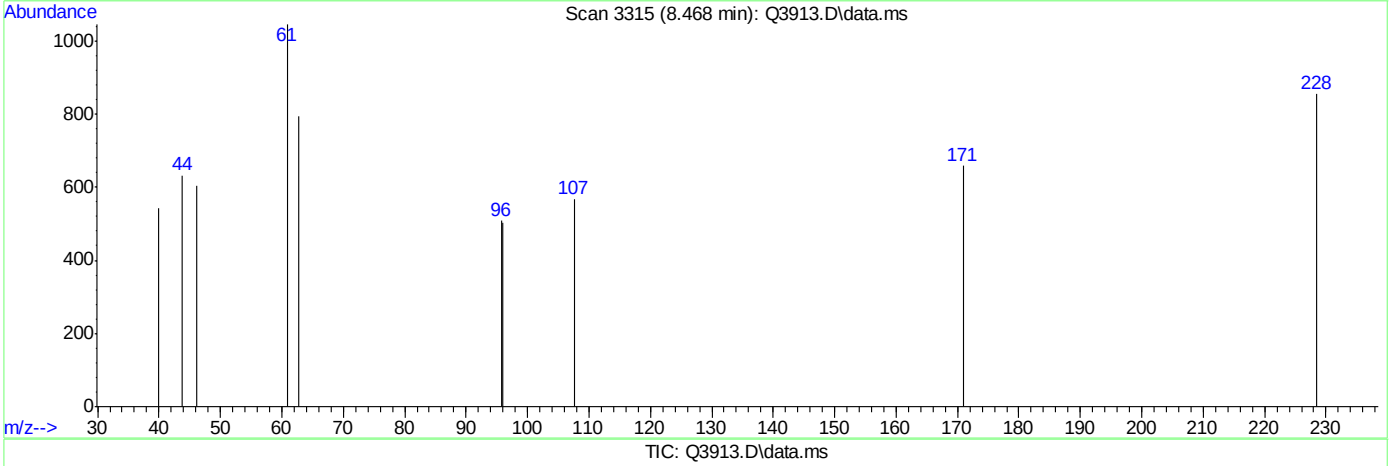
Ion	Exp%	Act%
43.00	100	100
57.00	7.70	0.00
72.00	14.60	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

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

8.468min (-0.005) 0.07PPBV

response 487

Ion	Exp%	Act%
96.00	100	100
98.00	63.40	76.18
61.00	186.90	440.45#
0.00	0.00	0.00

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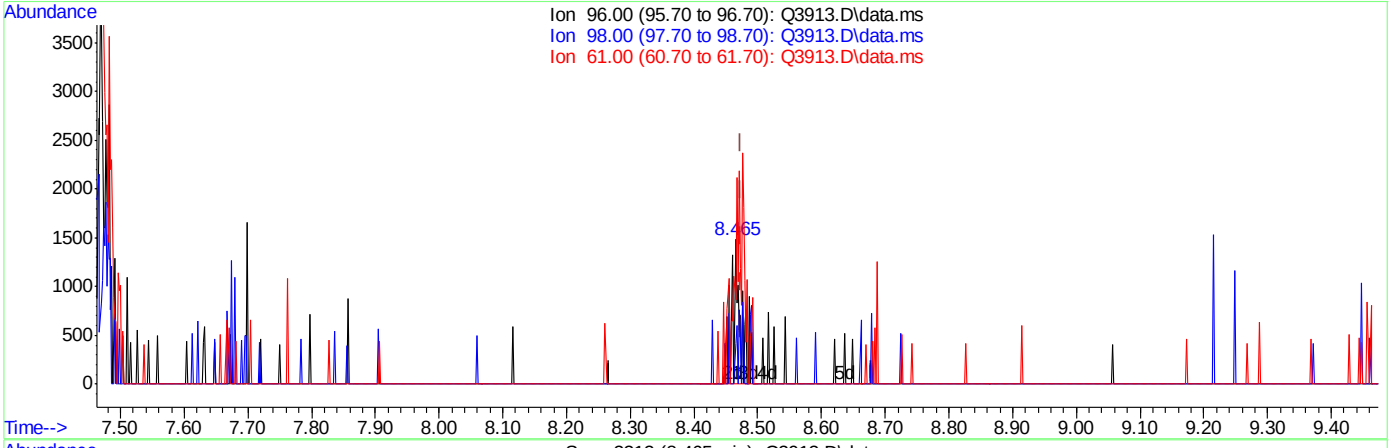
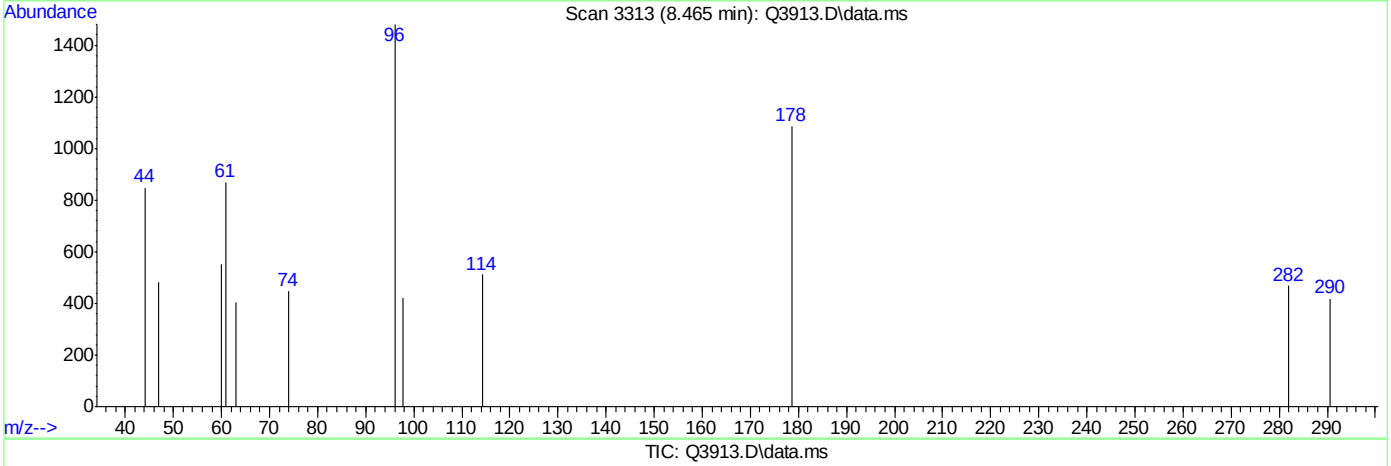
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

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

8.465min (-0.009) 0.20PPBV m

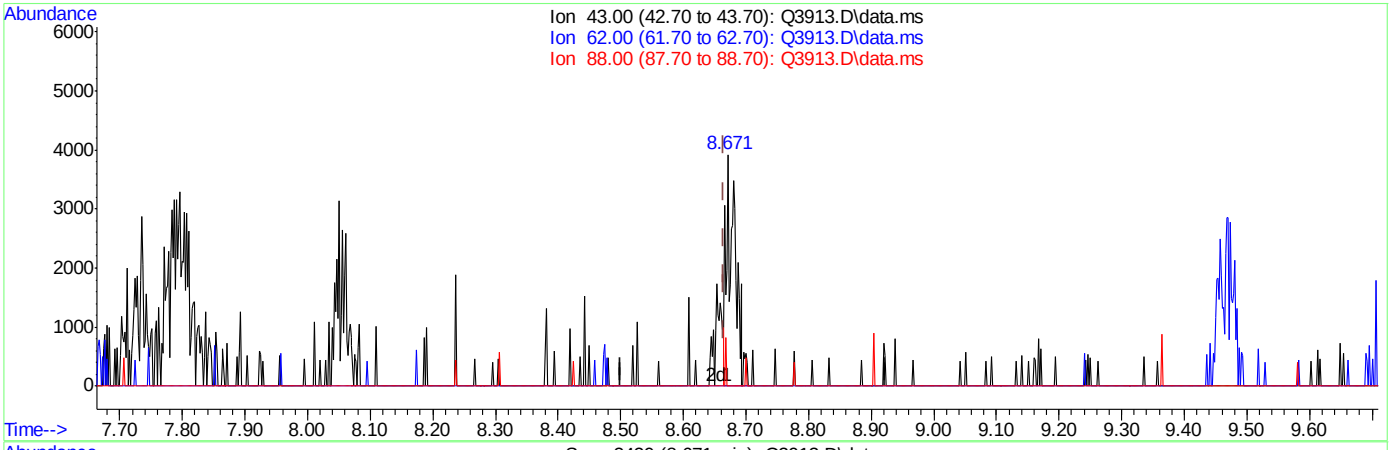
response 1324

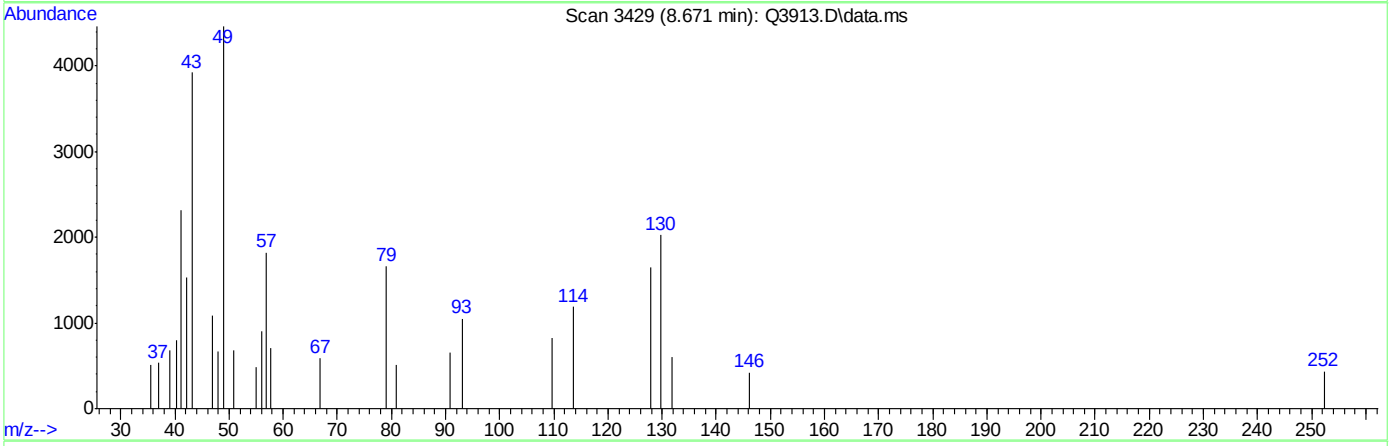
Ion	Exp%	Act%
96.00	100	100
98.00	63.40	28.02#
61.00	186.90	162.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(30) ETHYL ACETATE (m)

8.671min (+0.005) 0.15PPBV

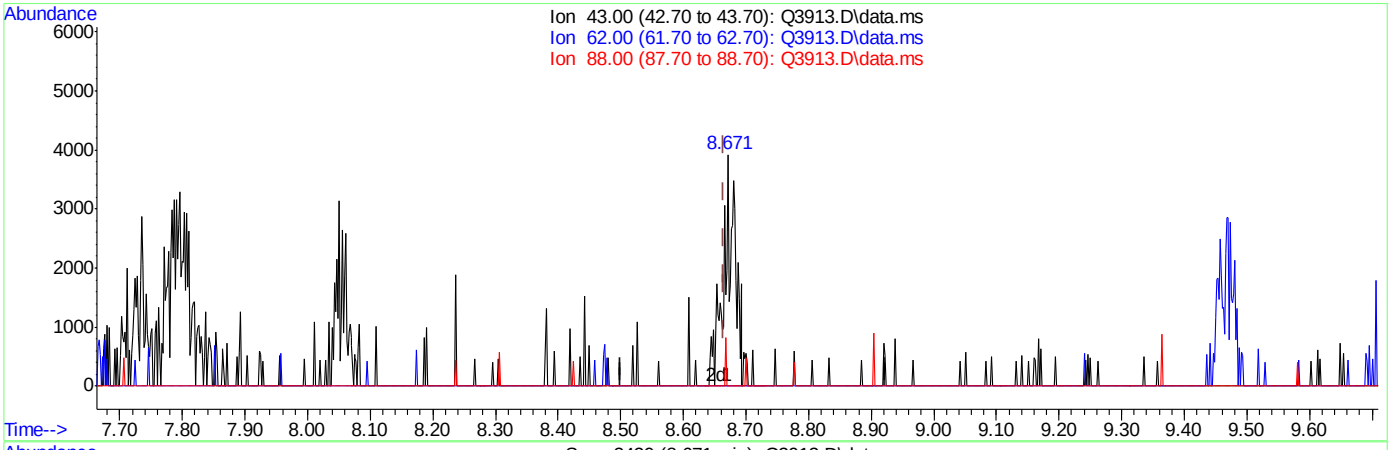
response 3841

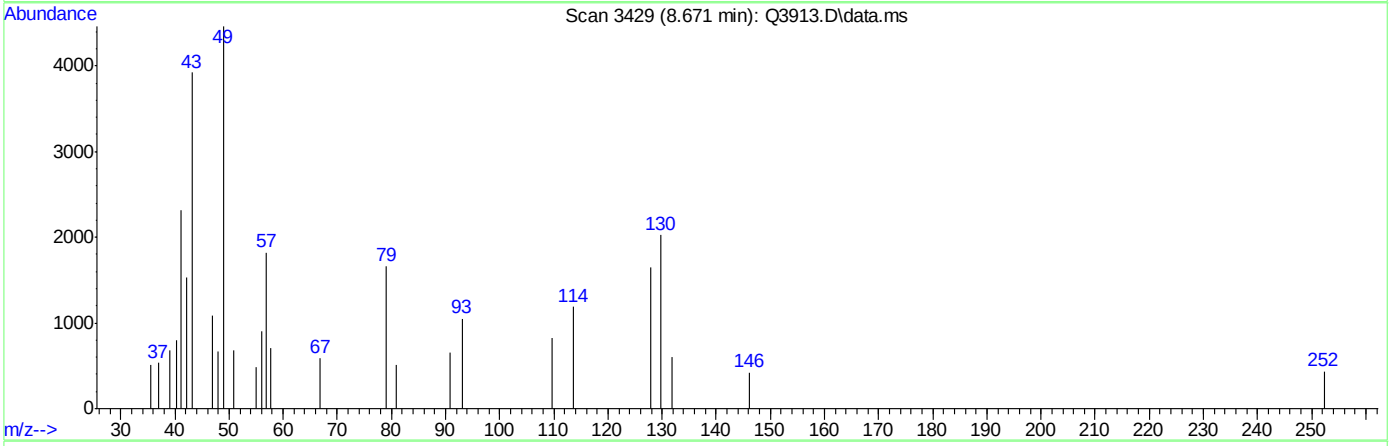
Ion	Exp%	Act%
43.00	100	100
62.00	0.30	0.00
88.00	1.60	2.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(30) ETHYL ACETATE (m)

8.671min (+0.005) 0.20PPBV m

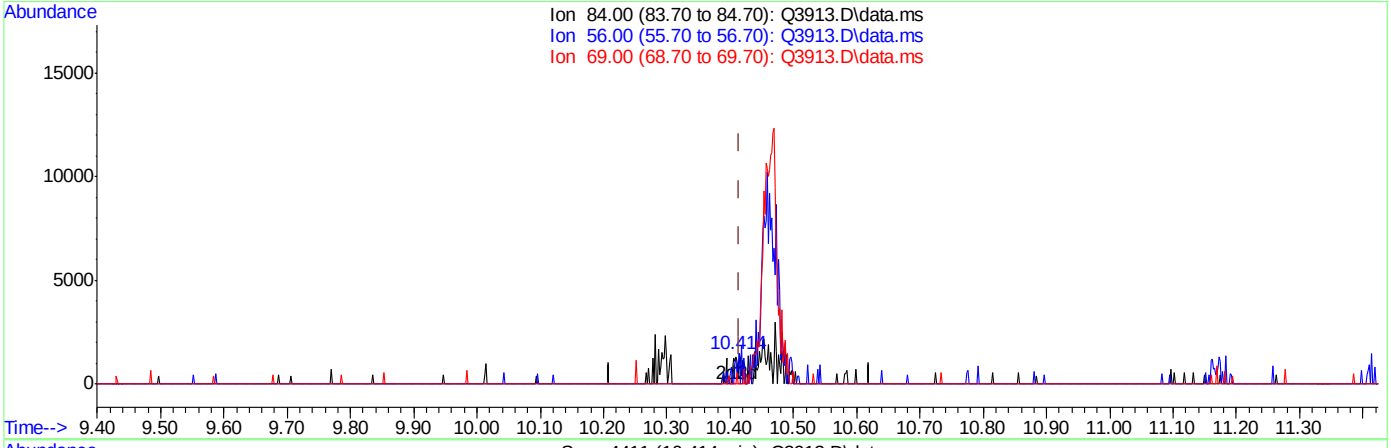
response 5225

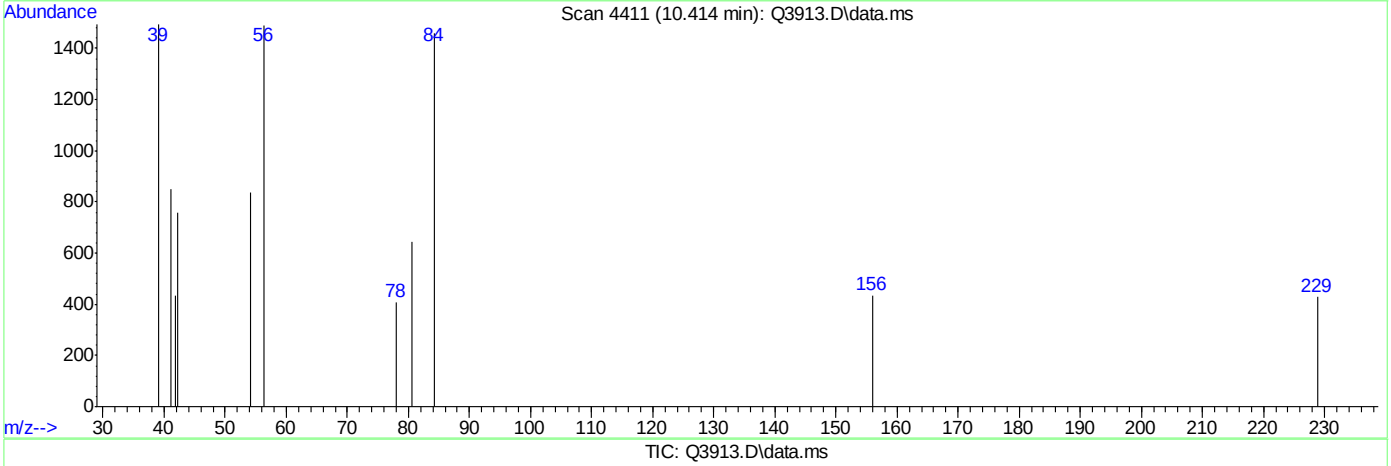
Ion	Exp%	Act%
43.00	100	100
62.00	0.30	0.00
88.00	1.60	1.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(37) CYCLOHEXANE (m)

10.414min (-0.002) 0.14PPBV

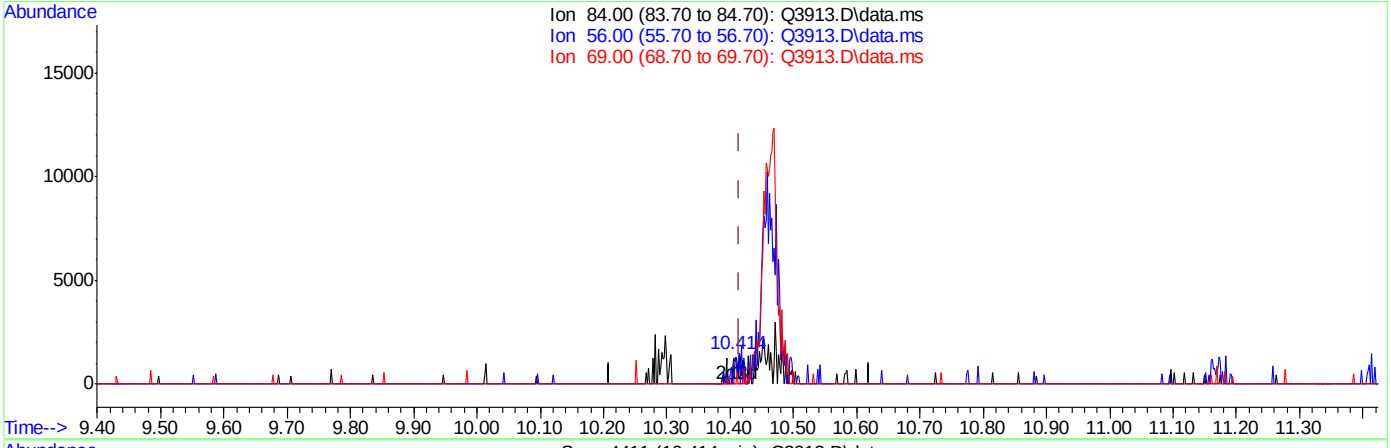
response 1151

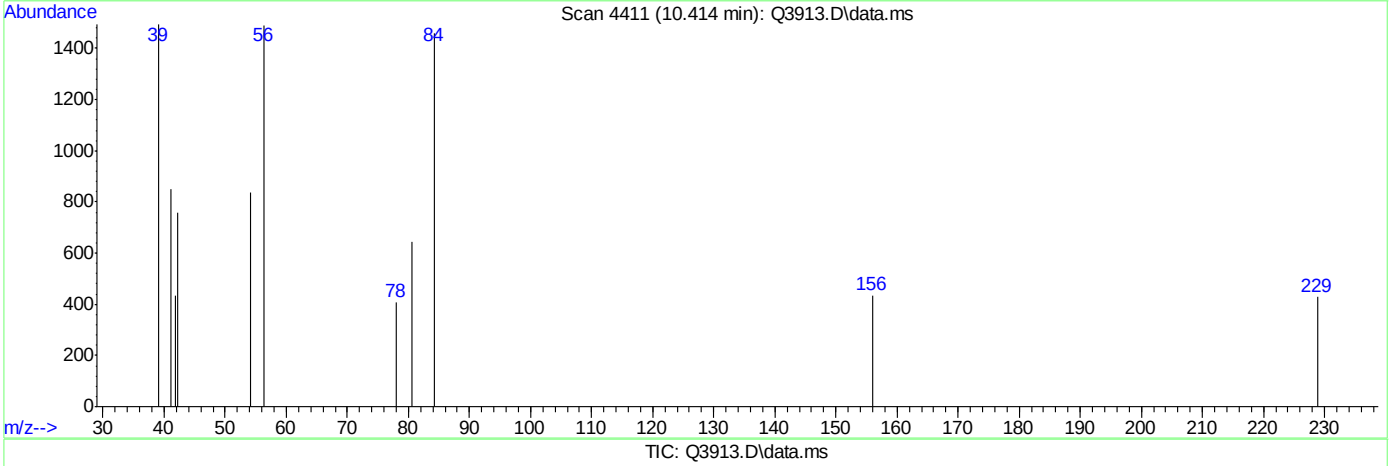
Ion	Exp%	Act%
84.00	100	100
56.00	177.10	82.88#
69.00	37.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(37) CYCLOHEXANE (m)

10.414min (-0.002) 0.17PPBV m

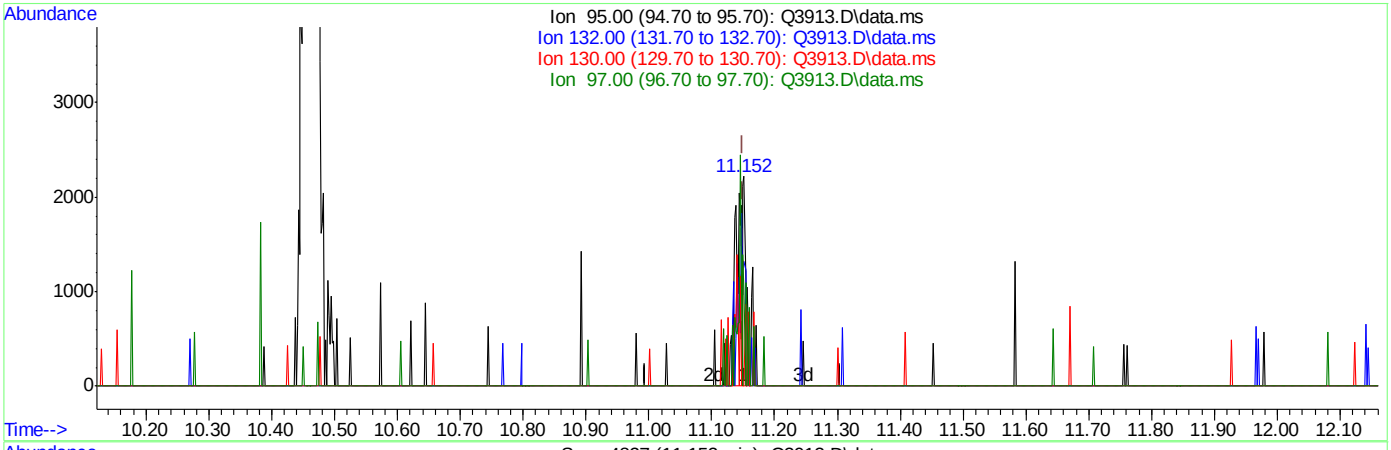
response 1396

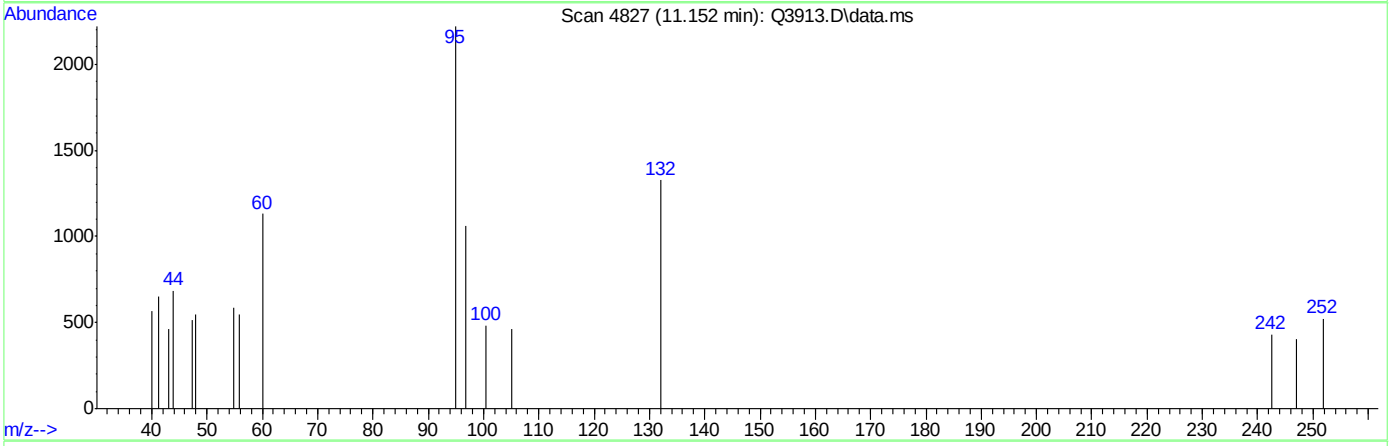
Ion	Exp%	Act%
84.00	100	100
56.00	177.10	68.34#
69.00	37.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(38) TRICHLOROETHYLENE (m)

11.152min (+0.002) 0.17PPBV

response 2406

Ion	Exp%	Act%
95.00	100	100
132.00	92.20	0.00#
130.00	90.60	7.36#
97.00	64.20	0.00#

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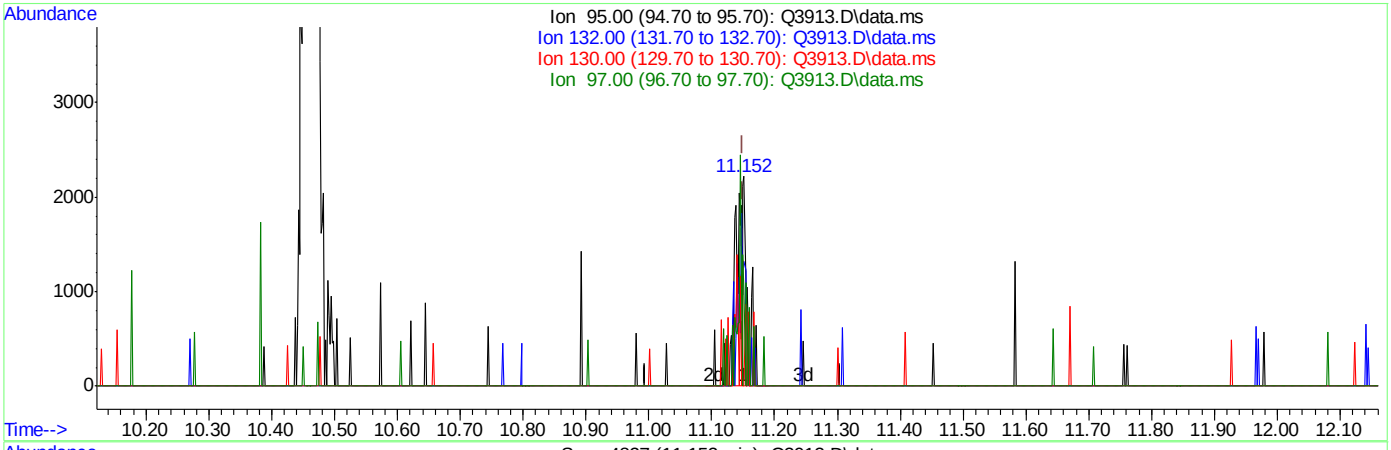
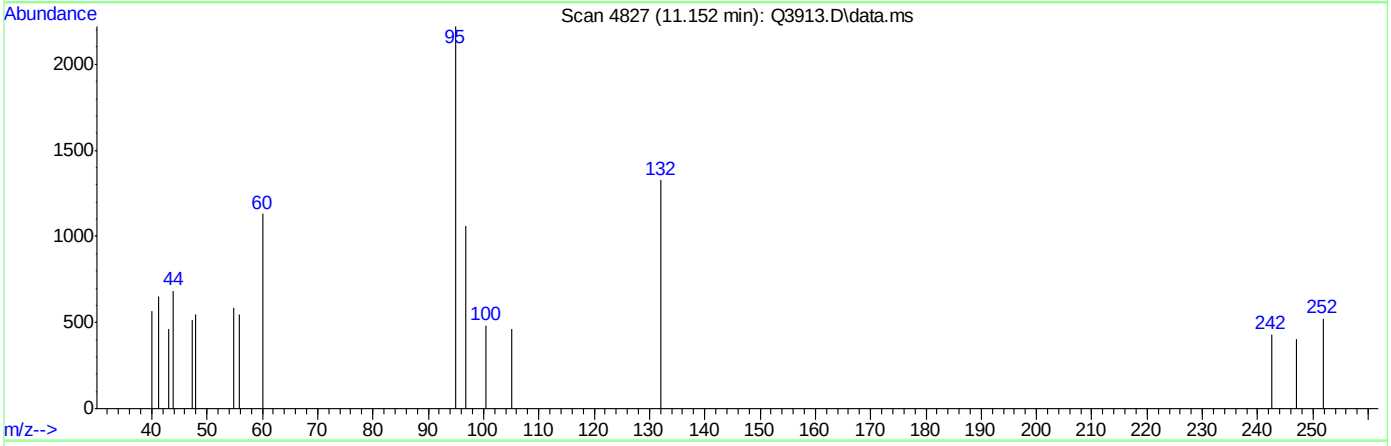
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(38) TRICHLOROETHYLENE (m)

11.152min (+0.002) 0.20PPBV m

response 2823

Ion	Exp%	Act%
95.00	100	100
132.00	92.20	0.00#
130.00	90.60	6.27#
97.00	64.20	0.00#

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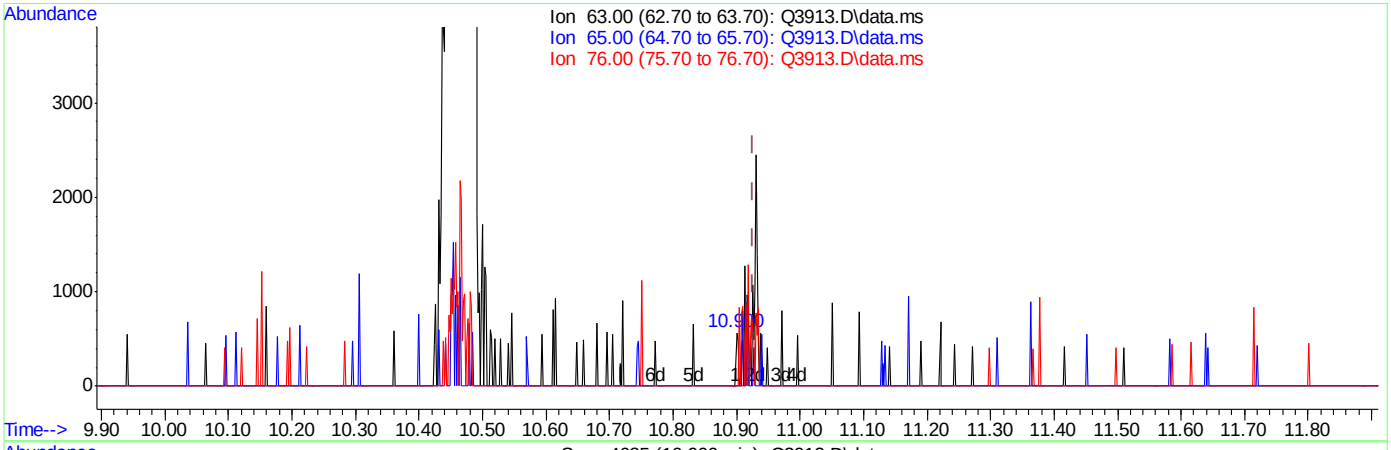
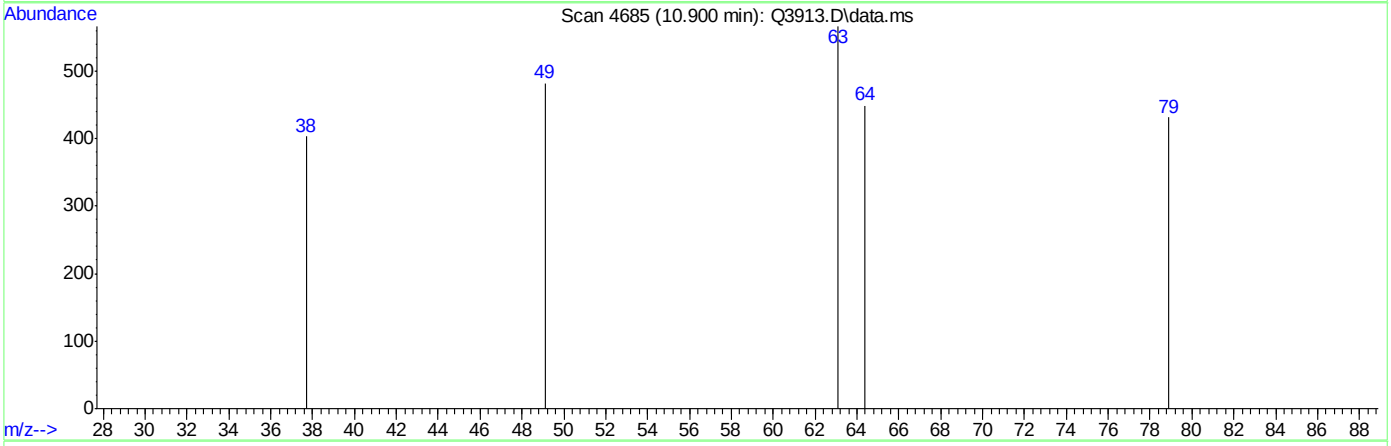
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(39) 1,2-DICHLOROPROPANE (m)

10.900min (-0.027) 0.03PPBV

response 210

Ion	Exp%	Act%
63.00	100	100
65.00	28.60	0.00#
76.00	41.10	491.90#
0.00	0.00	0.00

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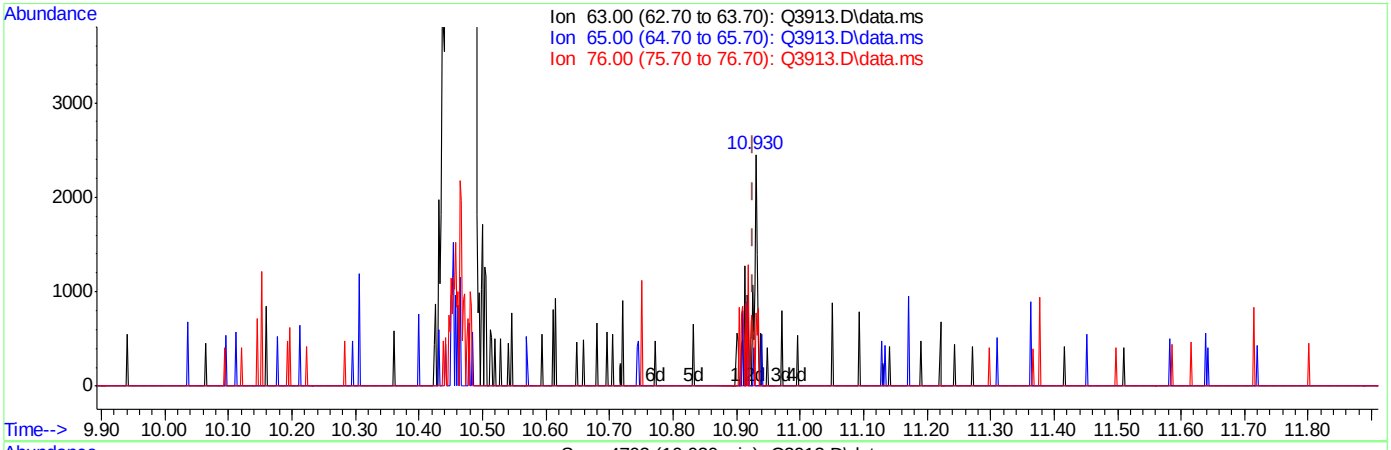
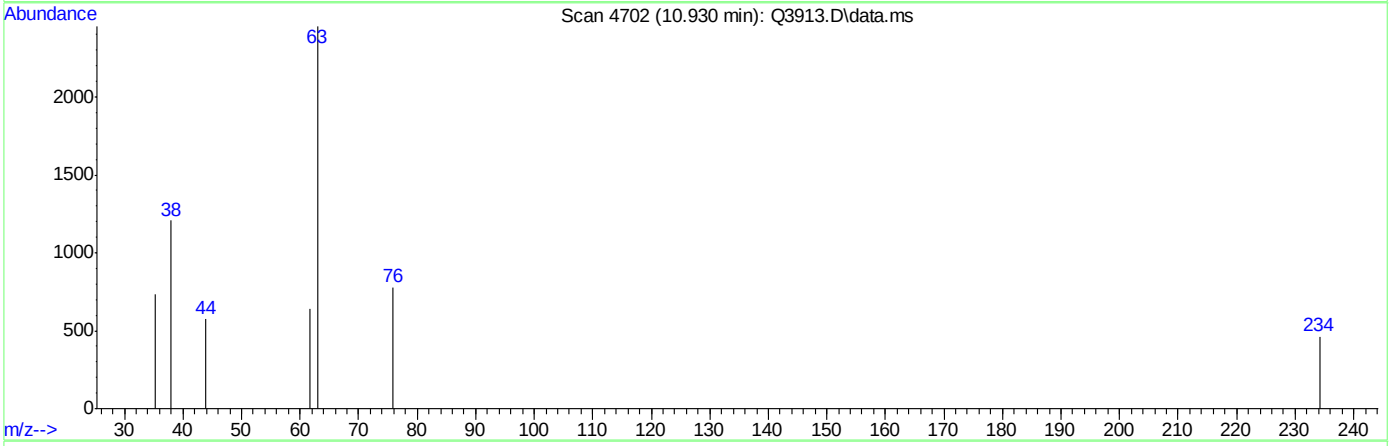
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(39) 1,2-DICHLOROPROPANE (m)

10.930min (+0.004) 0.20PPBV m

response 1428

Ion	Exp%	Act%
63.00	100	100
65.00	28.60	0.00#
76.00	41.10	72.34#
0.00	0.00	0.00

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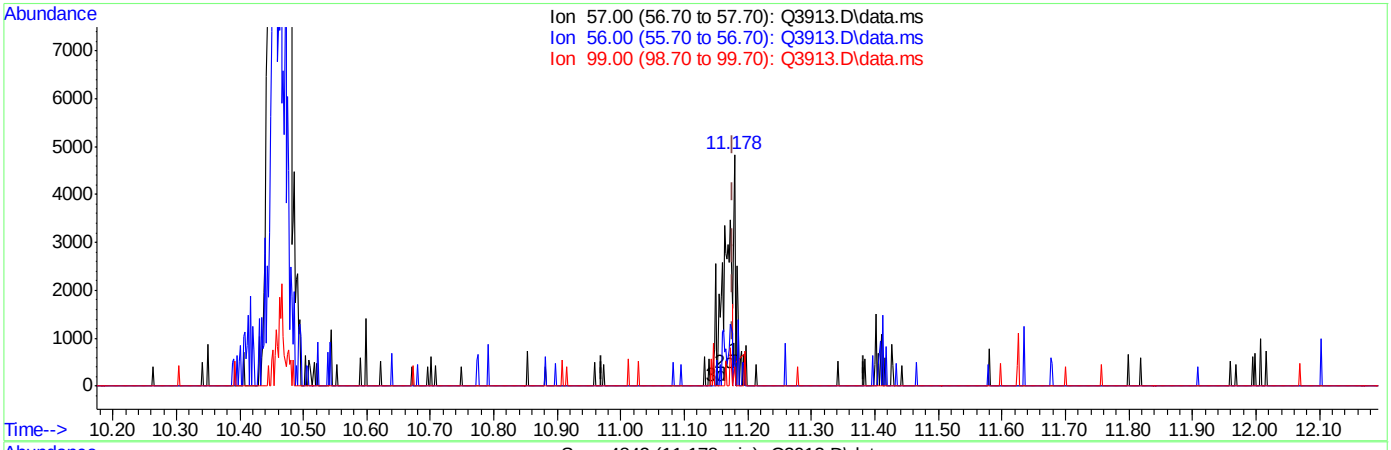
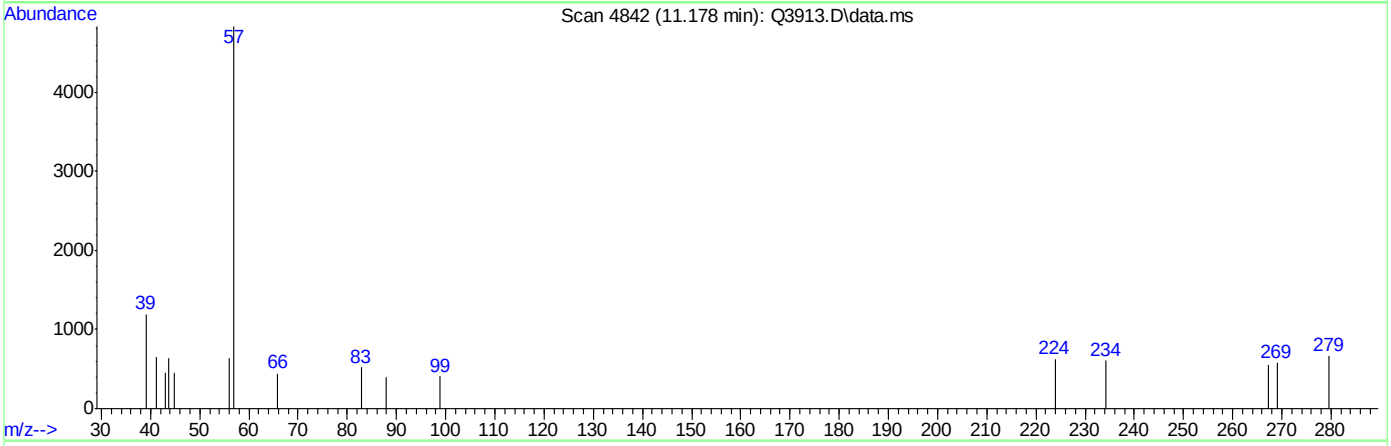
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(41) 2,2,4-TRIMETHYLPENTANE (m)

11.178min (+0.002) 0.03PPBV

response 746

Ion	Exp%	Act%
57.00	100	100
56.00	32.10	82.71#
99.00	6.00	17.16
0.00	0.00	0.00

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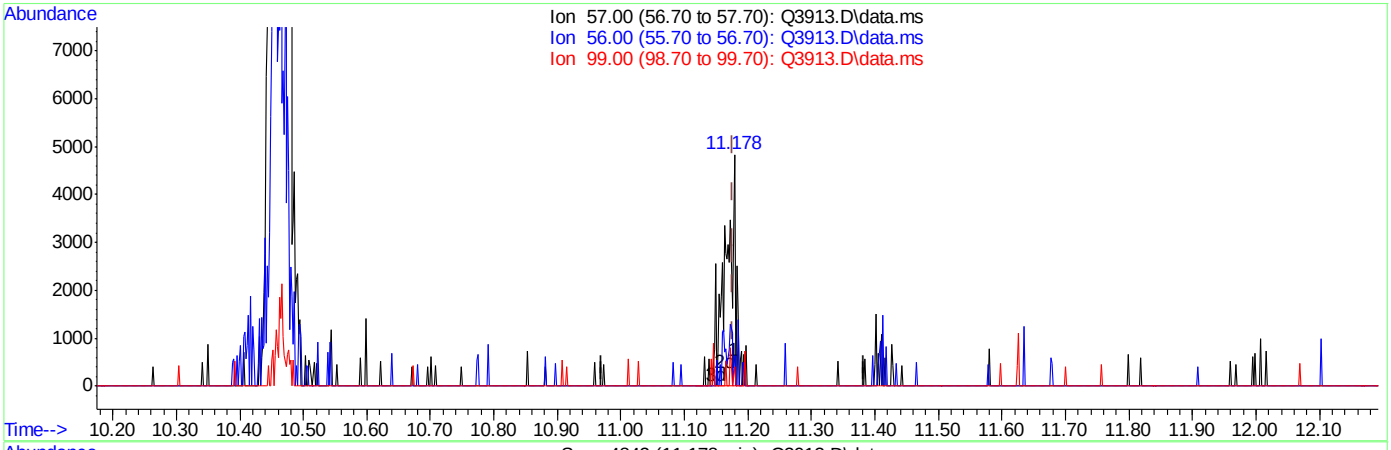
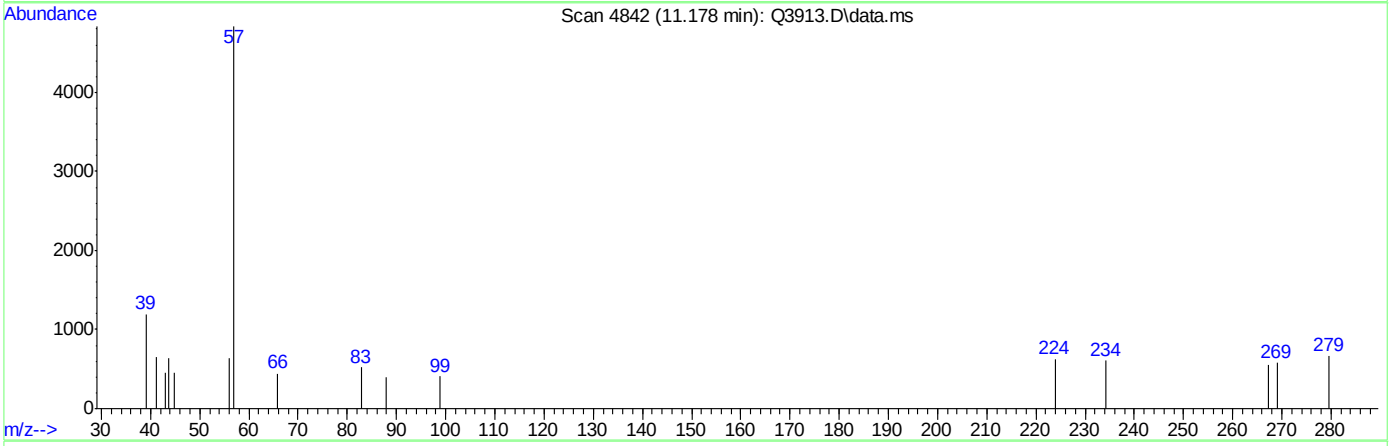
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(41) 2,2,4-TRIMETHYLPENTANE (m)

11.178min (+0.002) 0.20PPBV m

response 5059

Ion	Exp%	Act%
57.00	100	100
56.00	32.10	12.20
99.00	6.00	2.53
0.00	0.00	0.00

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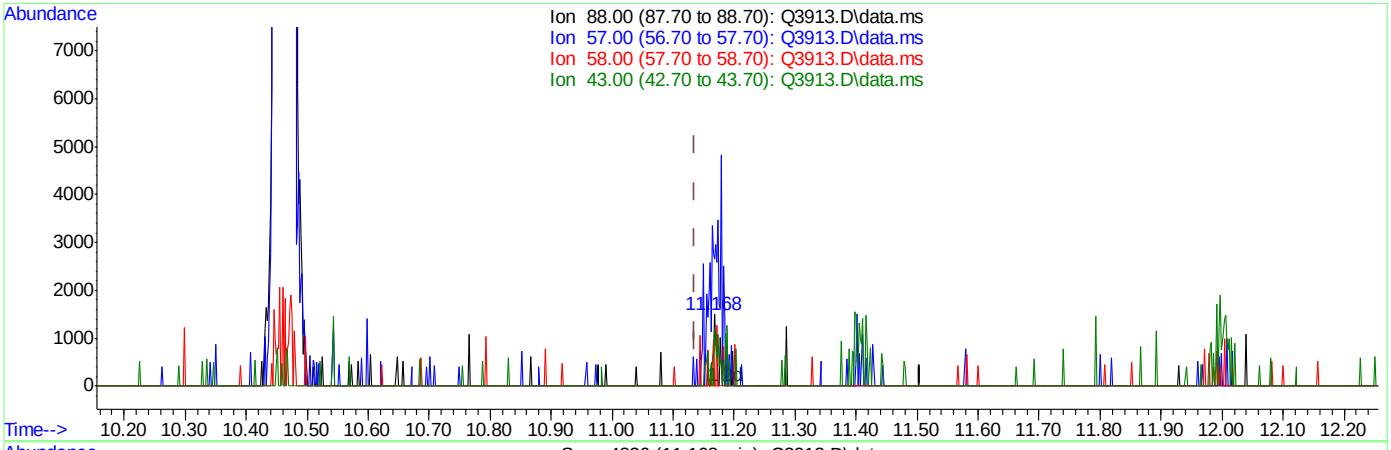
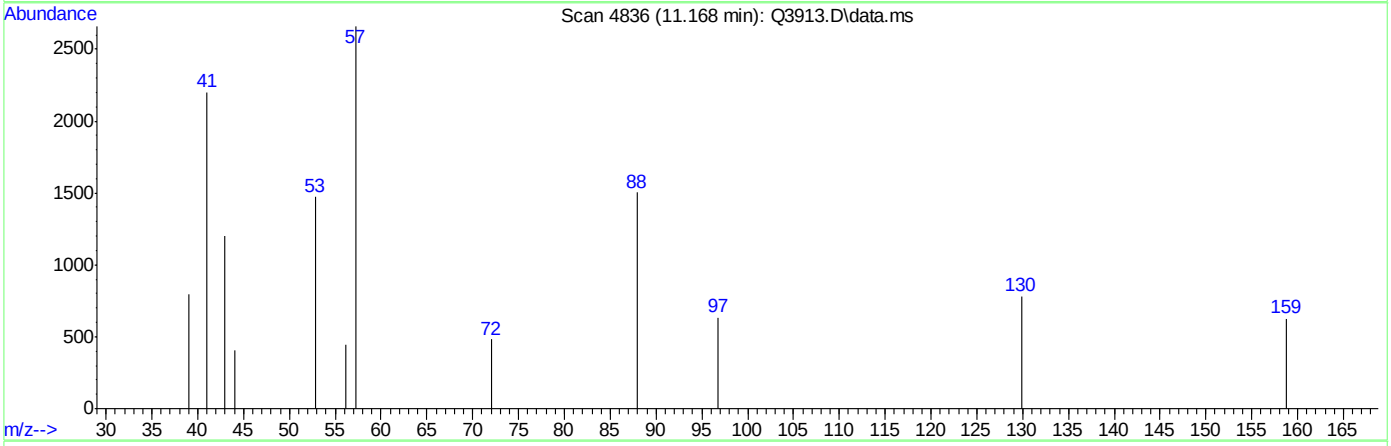
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(42) 1,4-DIOXANE (m)

11.168min (+0.033) 0.14PPBV

response 584

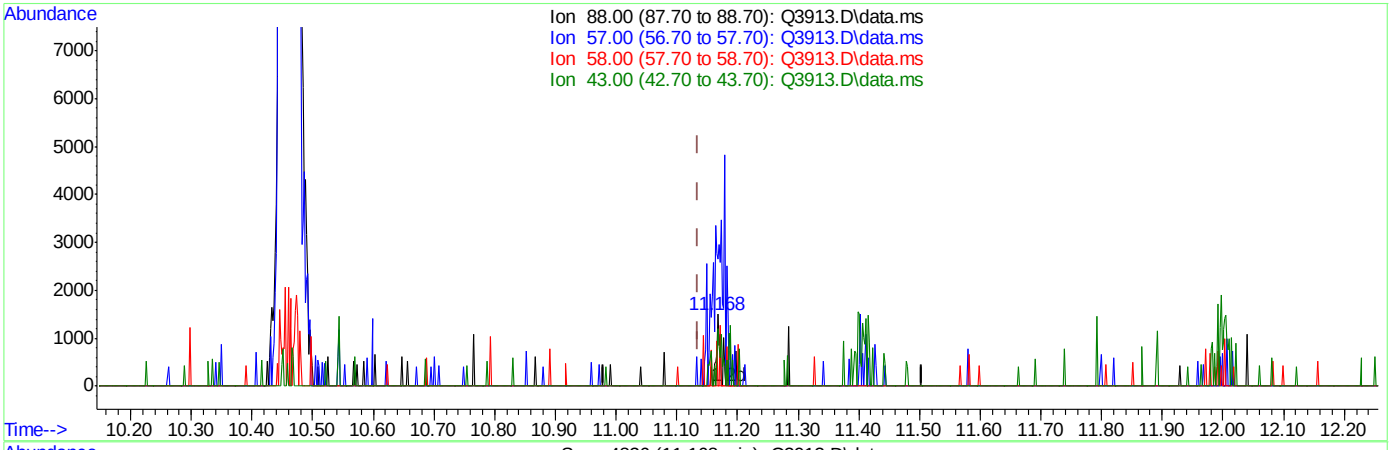
Ion	Exp%	Act%
88.00	100	100
57.00	45.40	176.80#
58.00	84.10	0.00#
43.00	40.20	79.65#

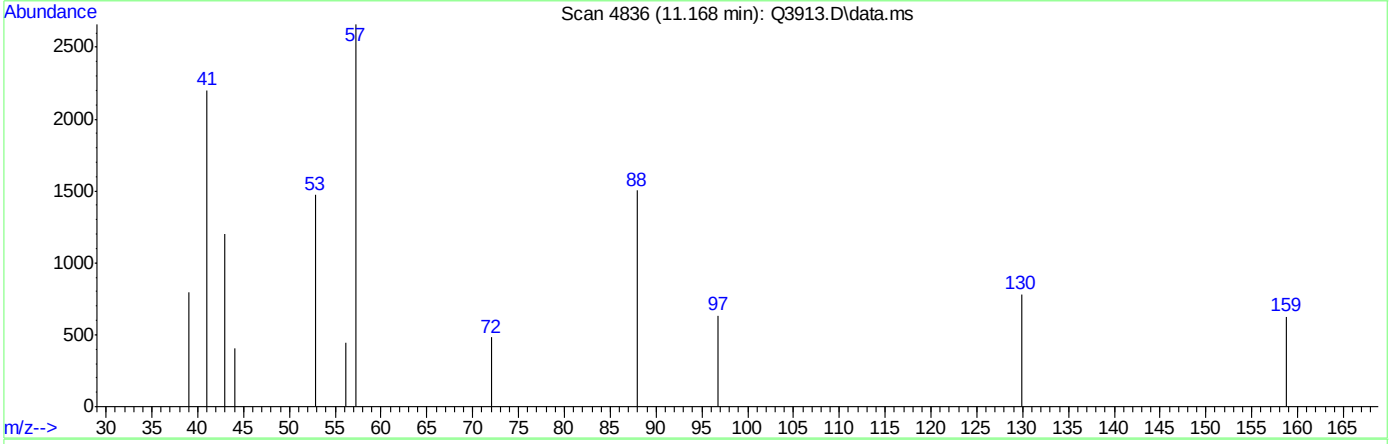
ACCUTEST Laboratories M66023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(42) 1,4-DIOXANE (m)

11.168min (+0.033) 0.20PPBV m

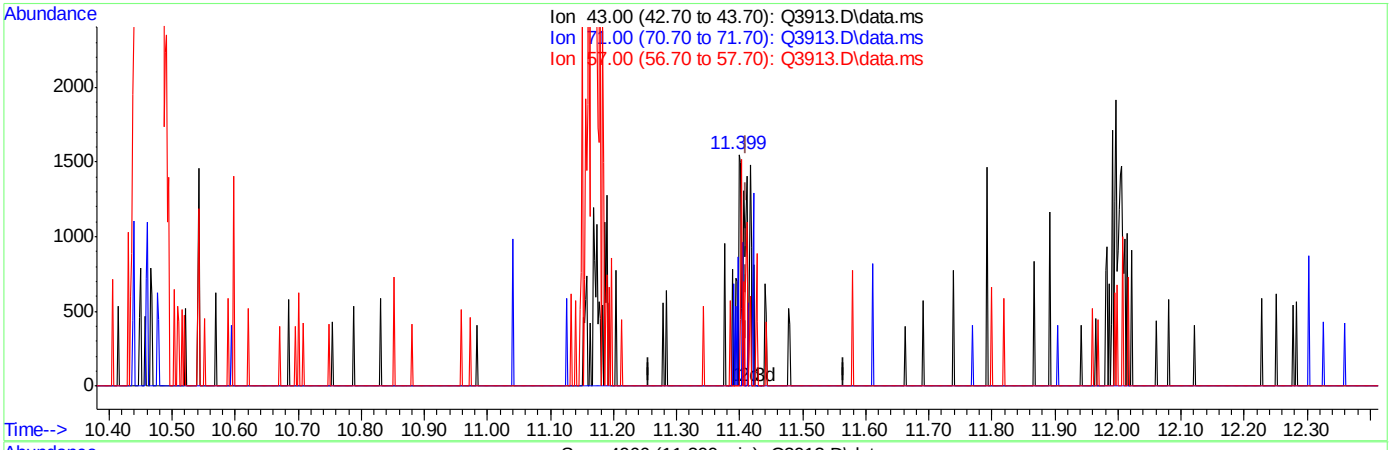
response 815

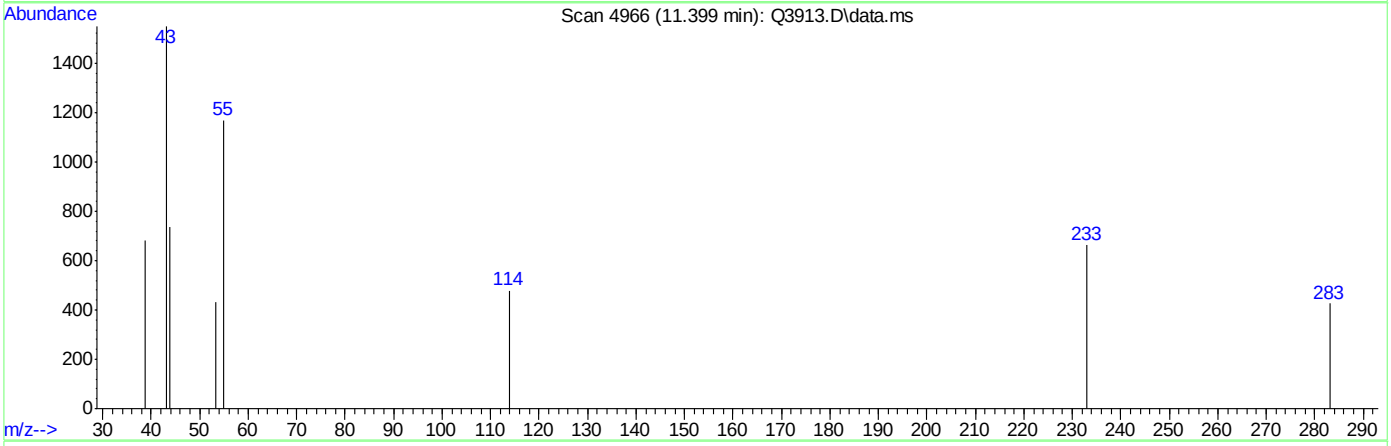
Ion	Exp%	Act%
88.00	100	100
57.00	45.40	176.80#
58.00	84.10	0.00#
43.00	40.20	79.65#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(43) HEPTANE (m)

11.399min (-0.012) 0.13PPBV

response 1145

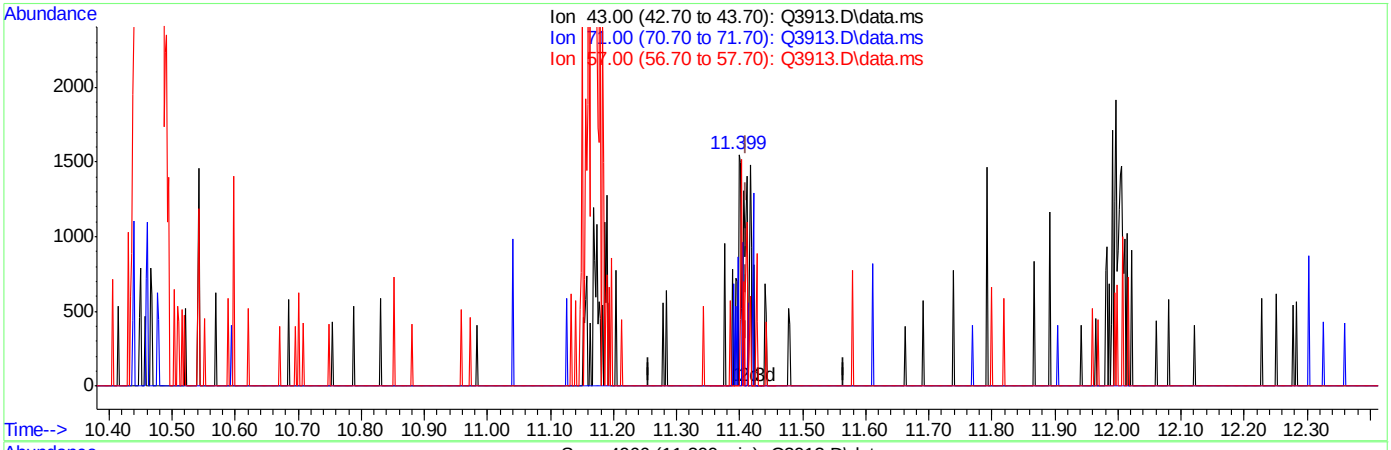
Ion	Exp%	Act%
43.00	100	100
71.00	40.90	0.00#
57.00	54.60	45.59
0.00	0.00	0.00

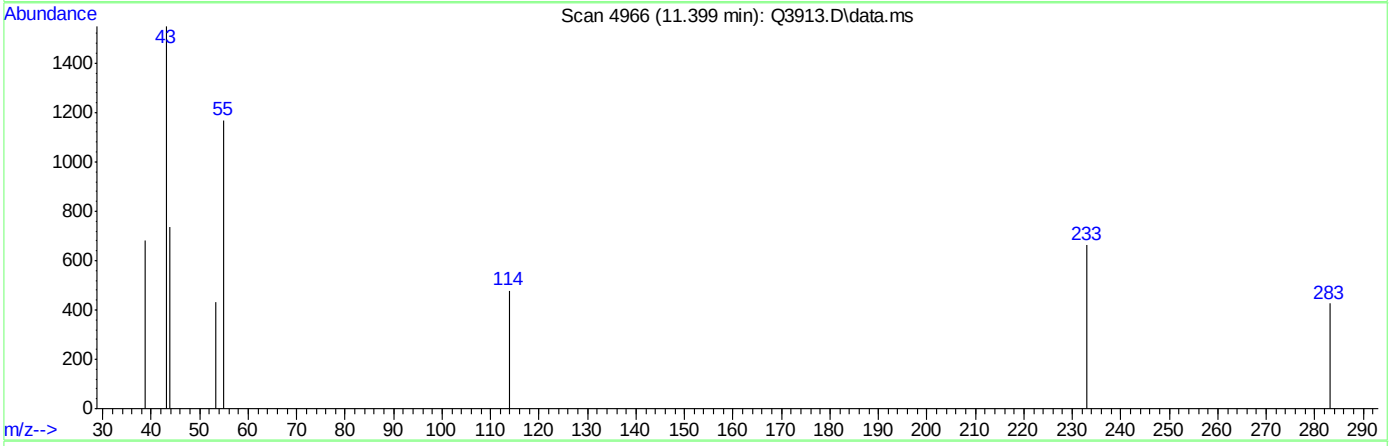
ACCUTEST Laboratories M66023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(43) HEPTANE (m)

11.399min (-0.012) 0.20PPBV m

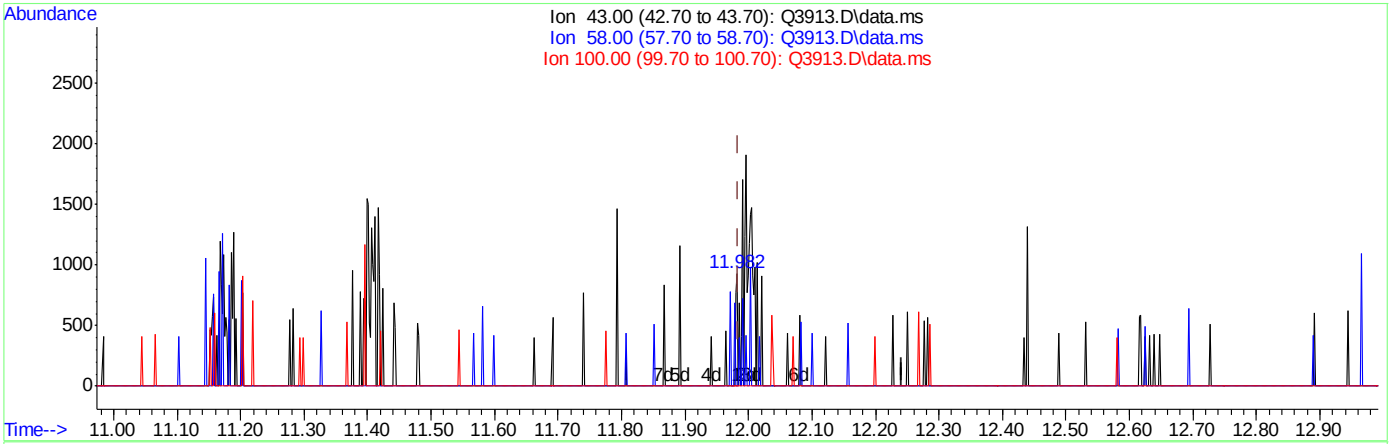
response 1713

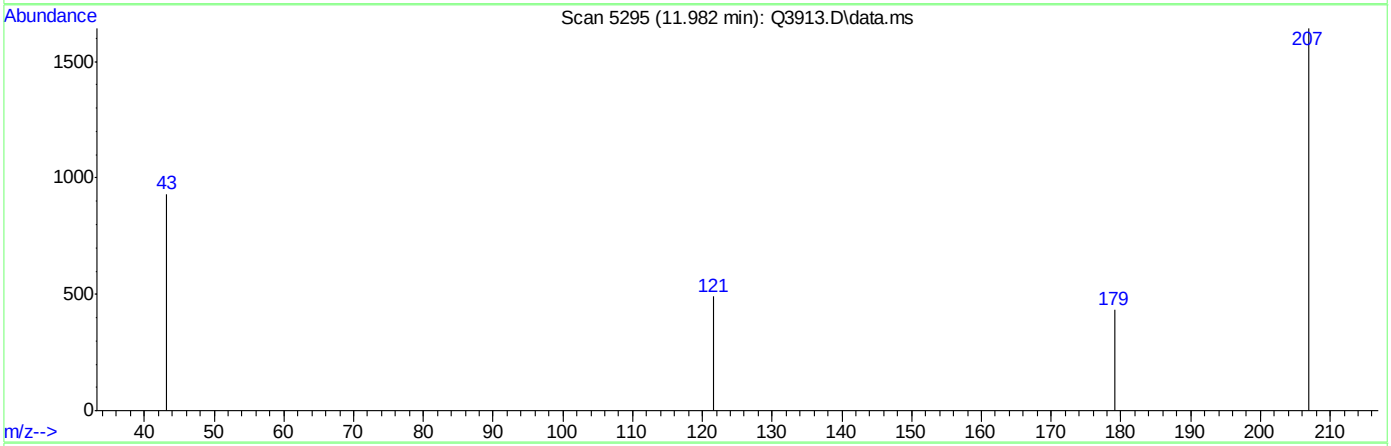
Ion	Exp%	Act%
43.00	100	100
71.00	40.90	0.00#
57.00	54.60	30.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(44) METHYL ISOBUTYL KETONE (m)

11.982min (-0.002) 0.02PPBV

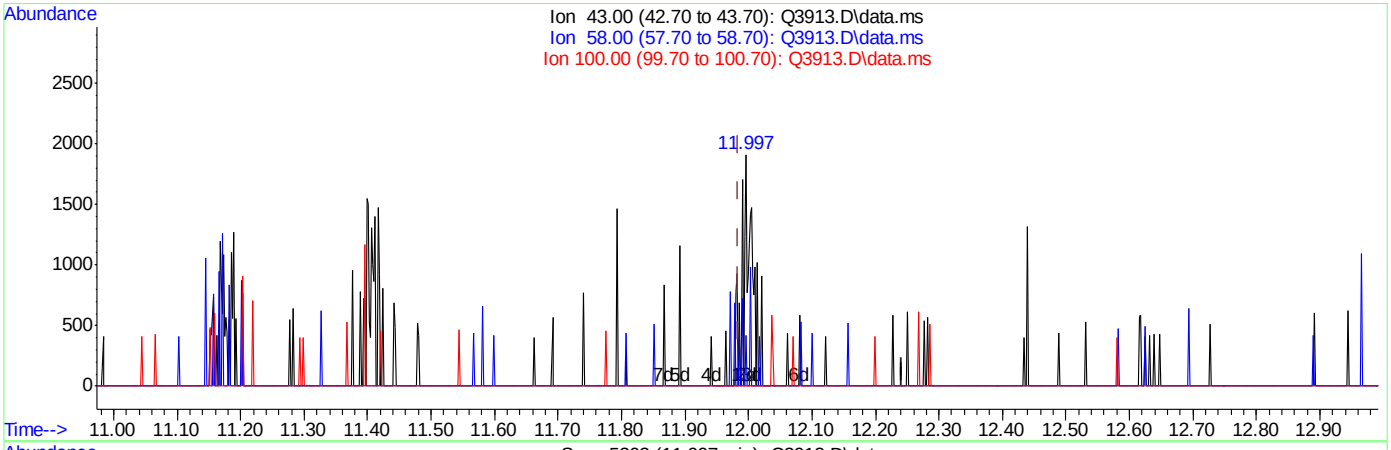
response 181

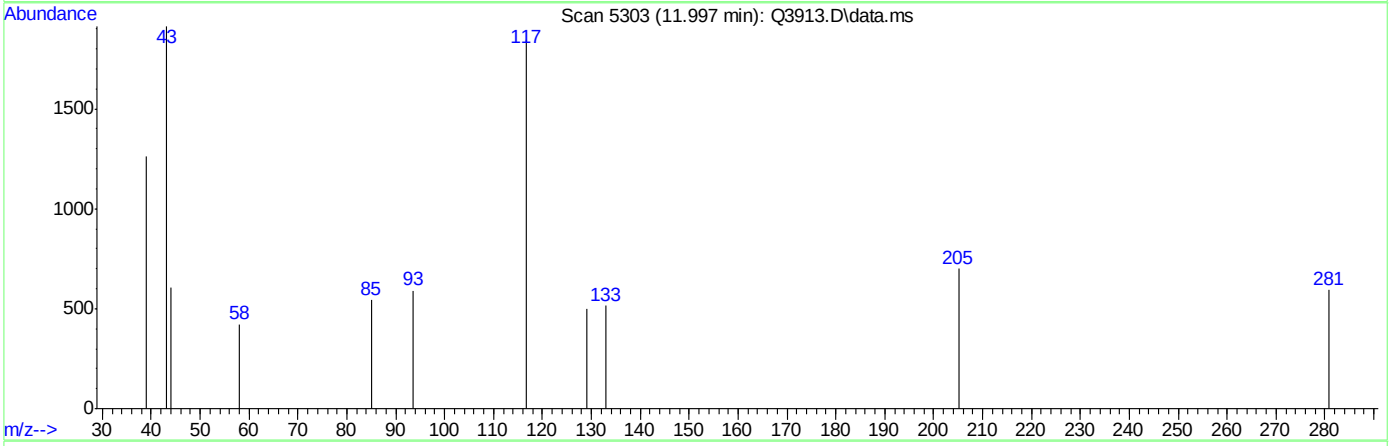
Ion	Exp%	Act%
43.00	100	100
58.00	39.30	0.00#
100.00	8.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(44) METHYL ISOBUTYL KETONE (m)

11.997min (+0.013) 0.20PPBV m

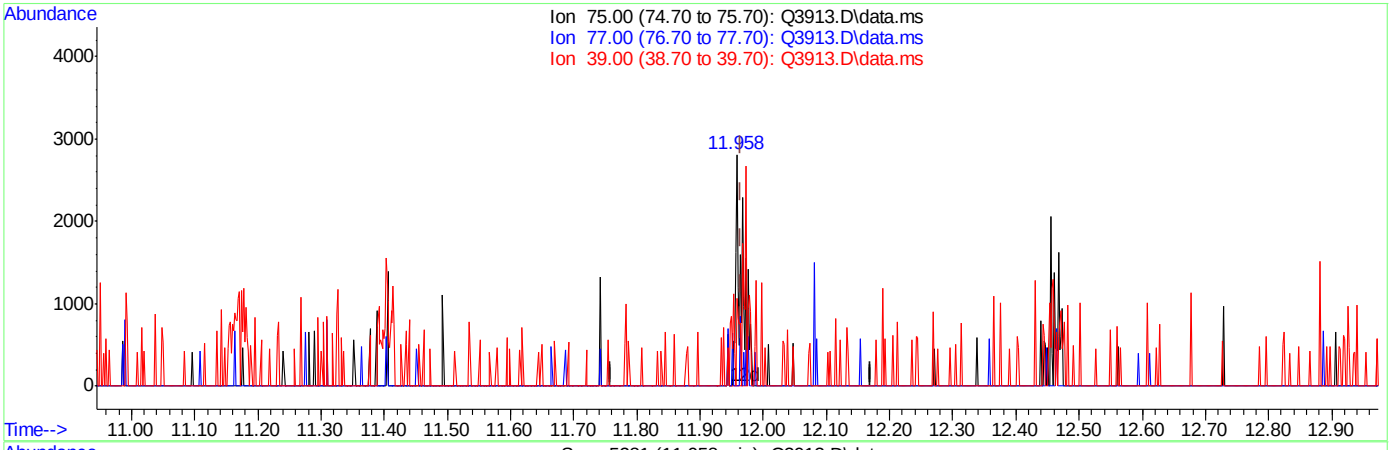
response 1962

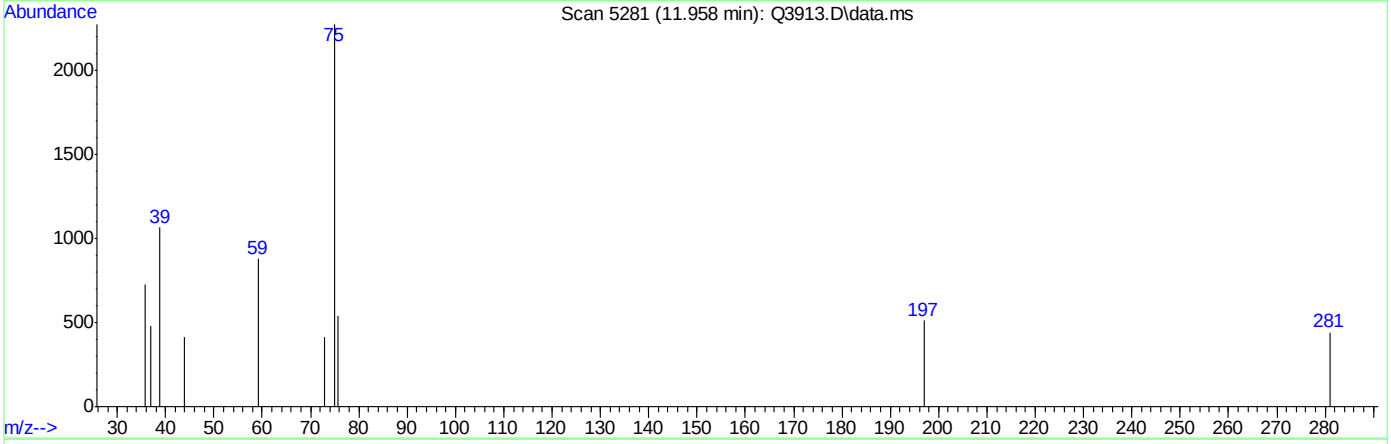
Ion	Exp%	Act%
43.00	100	100
58.00	39.30	0.00#
100.00	8.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

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

11.958min (-0.007) 0.16PPBV

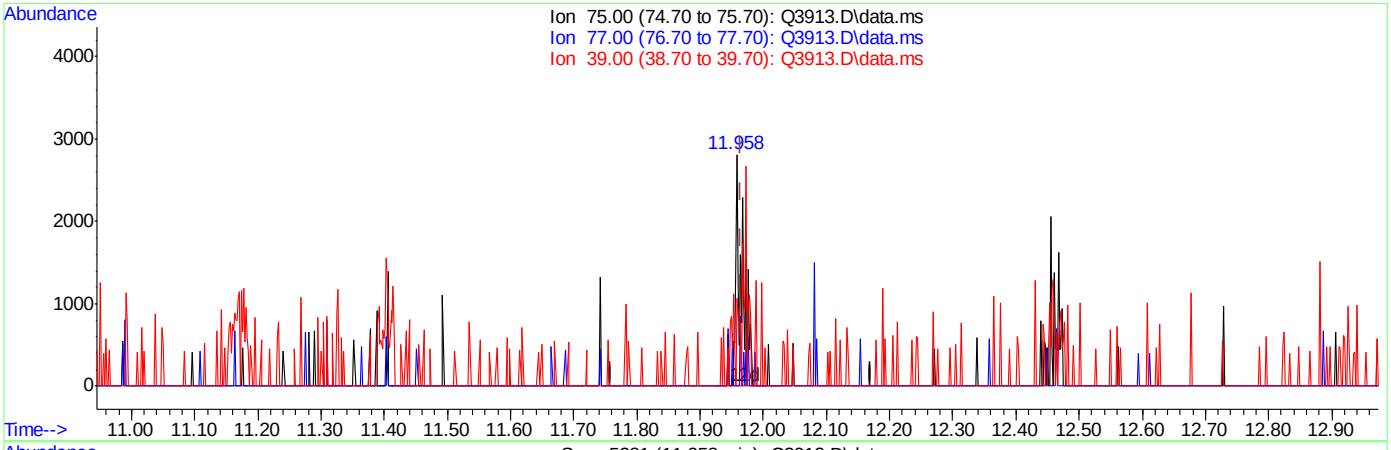
response 1581

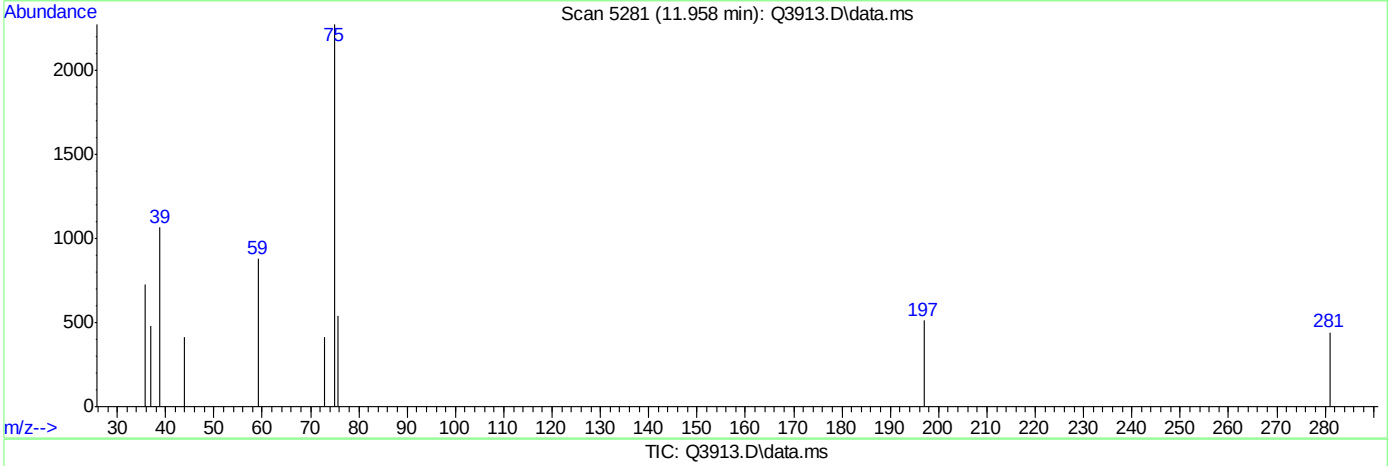
Ion	Exp%	Act%
75.00	100	100
77.00	31.60	8.48#
39.00	87.50	27.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

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

11.958min (-0.007) 0.20PPBV m

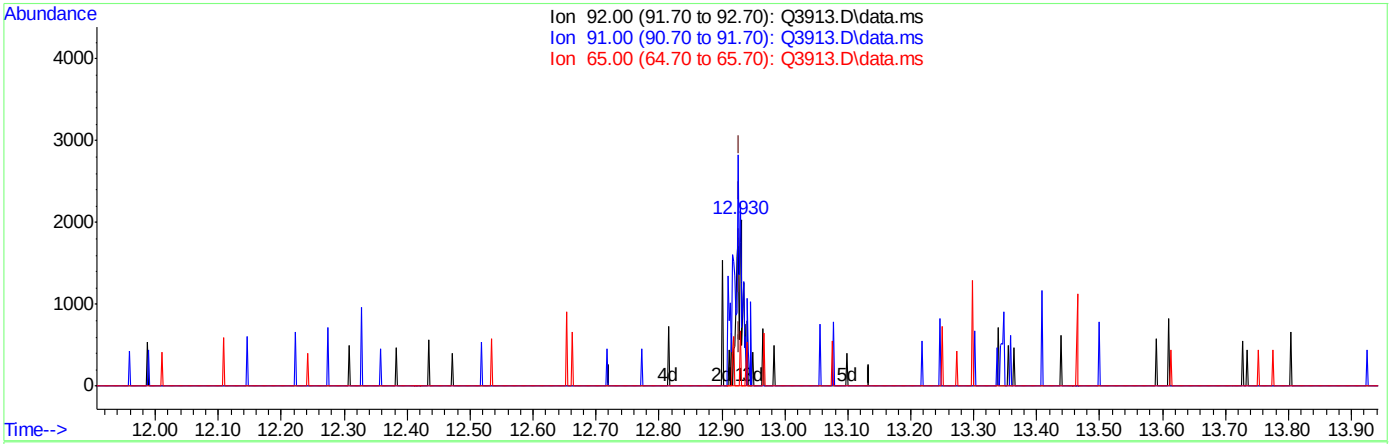
response 2026

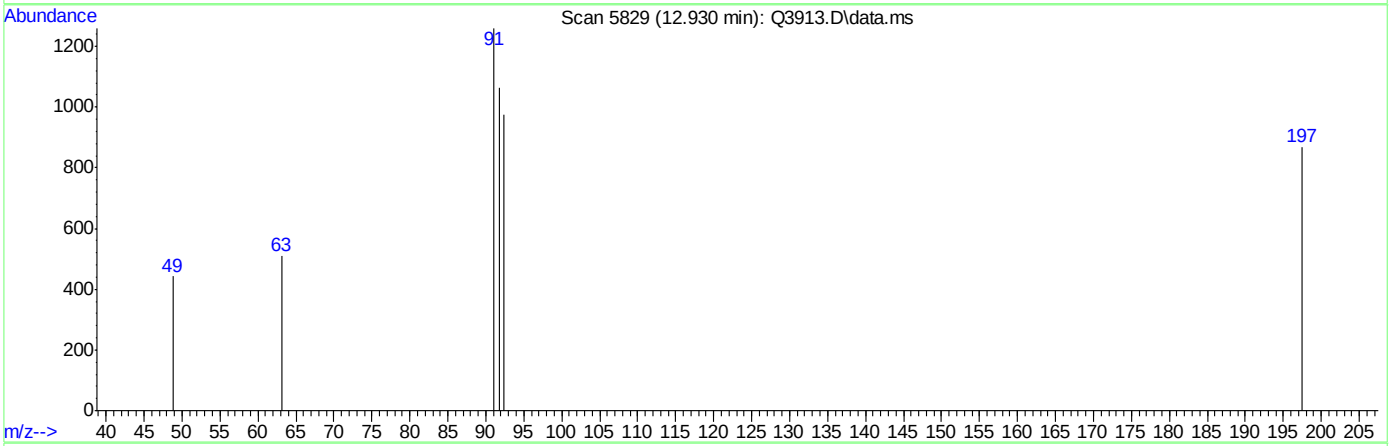
Ion	Exp%	Act%
75.00	100	100
77.00	31.60	6.61#
39.00	87.50	21.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(46) TOLUENE (m)

12.930min (+0.002) 0.16PPBV

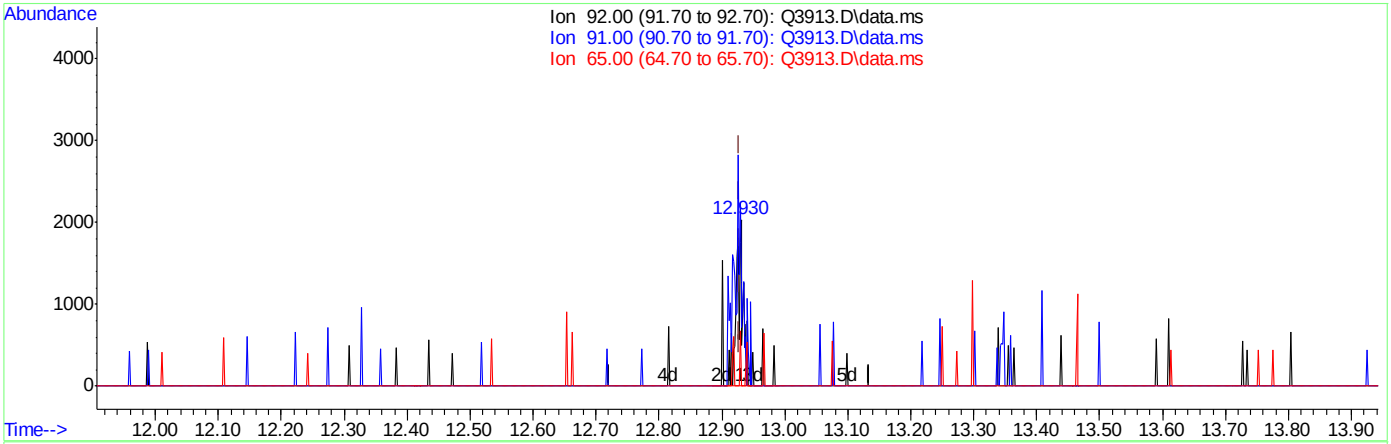
response 1546

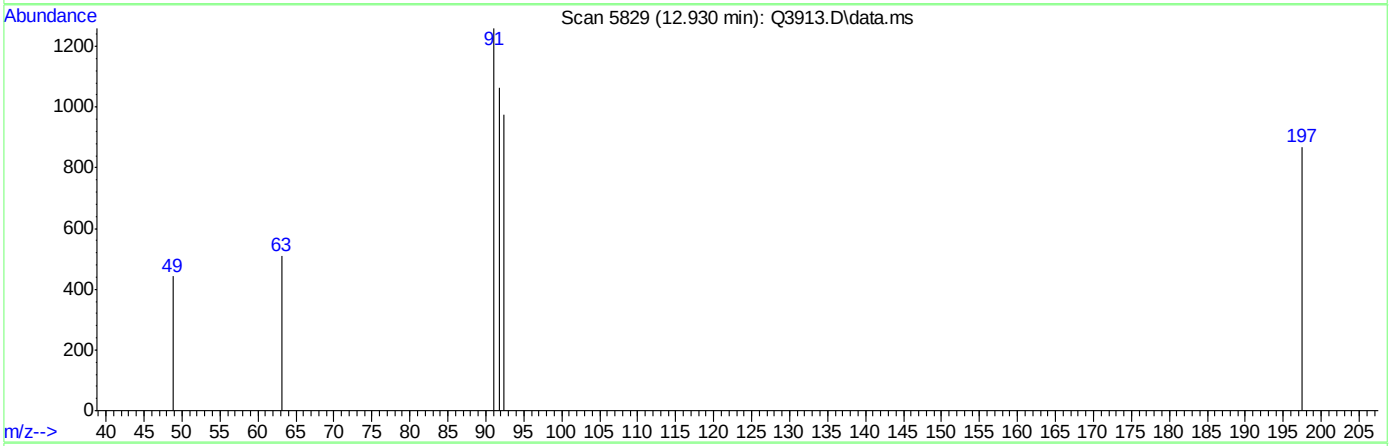
Ion	Exp%	Act%
92.00	100	100
91.00	169.00	141.98#
65.00	24.10	4.72
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(46) TOLUENE (m)

12.930min (+0.002) 0.20PPBV m

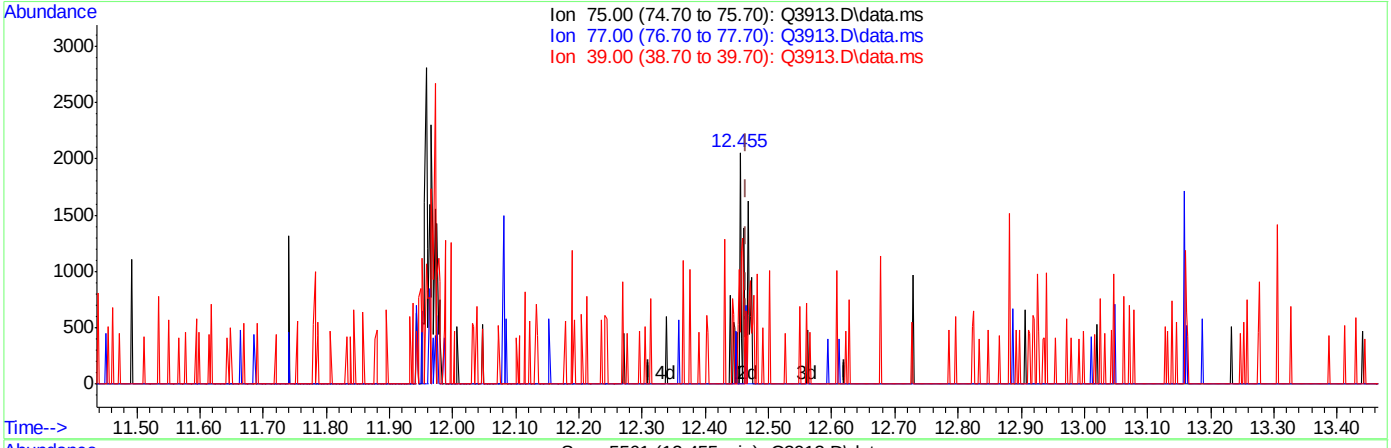
response 1881

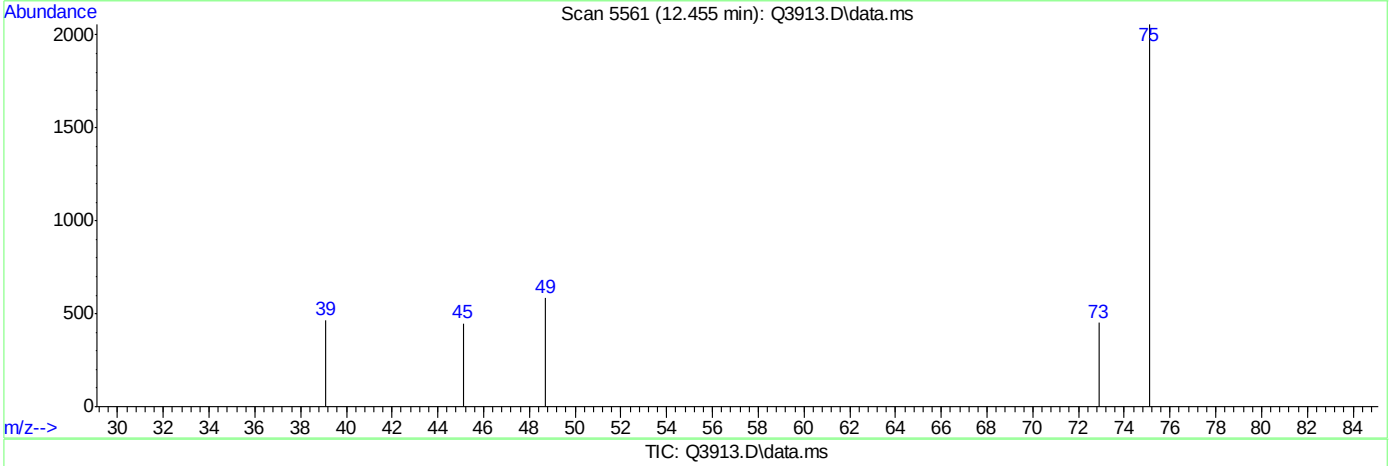
Ion	Exp%	Act%
92.00	100	100
91.00	169.00	116.69#
65.00	24.10	3.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(47) trans-1,3-DICHLOROPROPENE (m)

12.455min (-0.011) 0.13PPBV

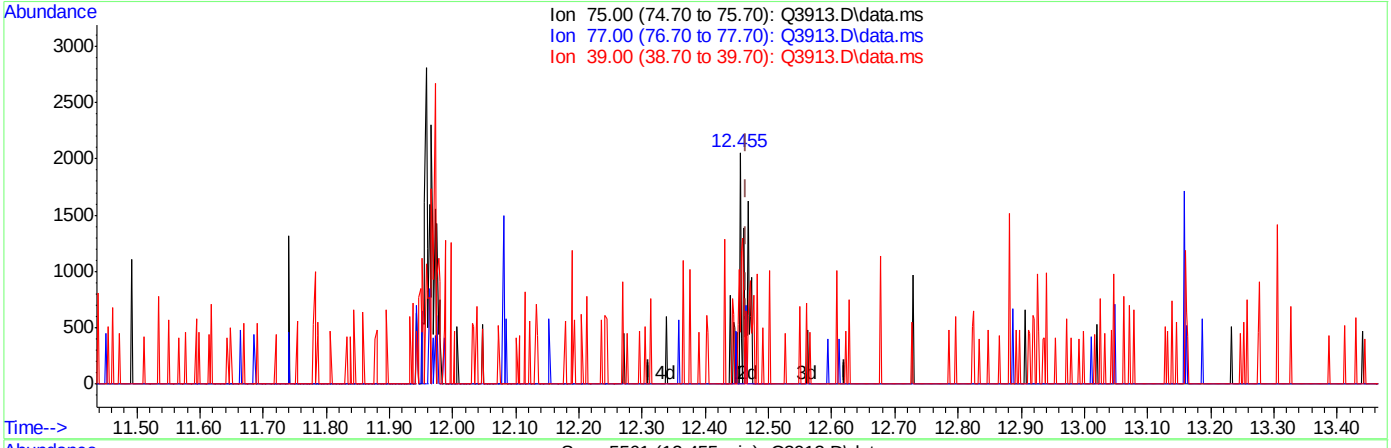
response 797

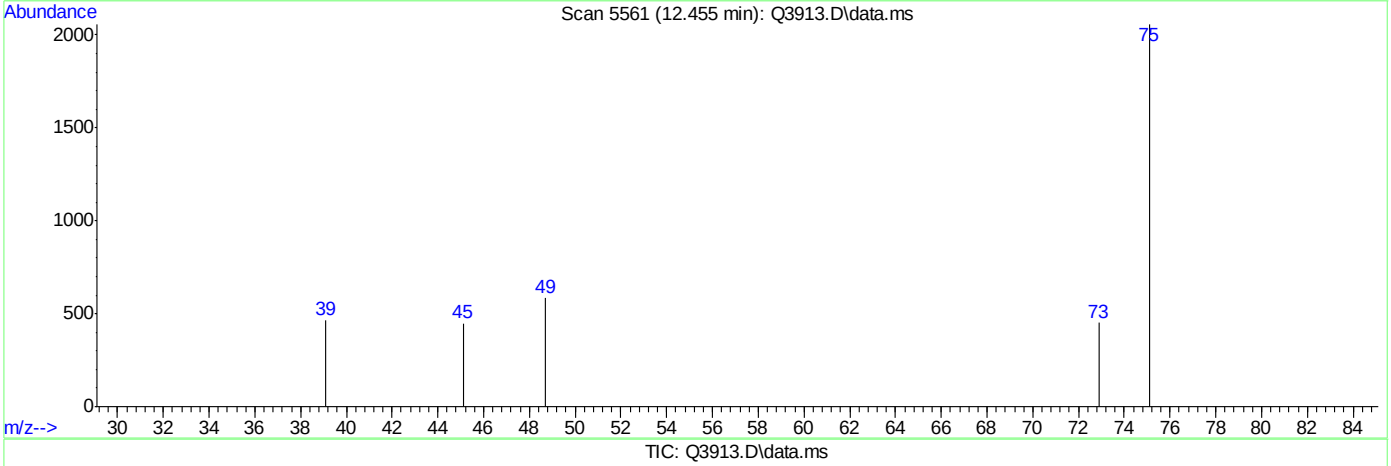
Ion	Exp%	Act%
75.00	100	100
77.00	31.60	0.00#
39.00	60.50	78.42
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(47) trans-1,3-DICHLOROPROPENE (m)

12.455min (-0.011) 0.20PPBV m

response 1182

Ion	Exp%	Act%
75.00	100	100
77.00	31.60	0.00#
39.00	60.50	52.88
0.00	0.00	0.00

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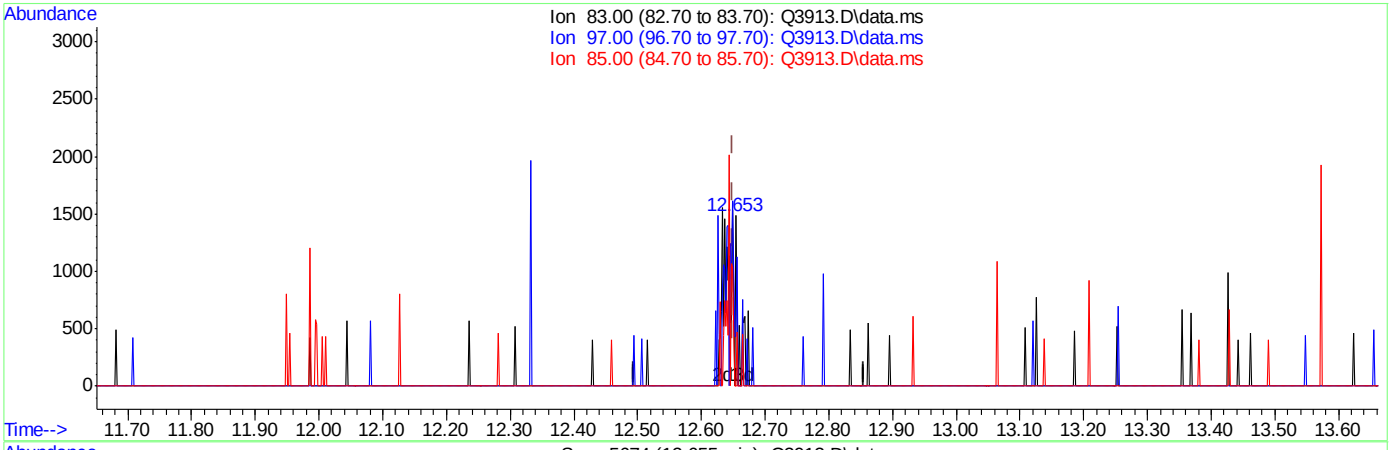
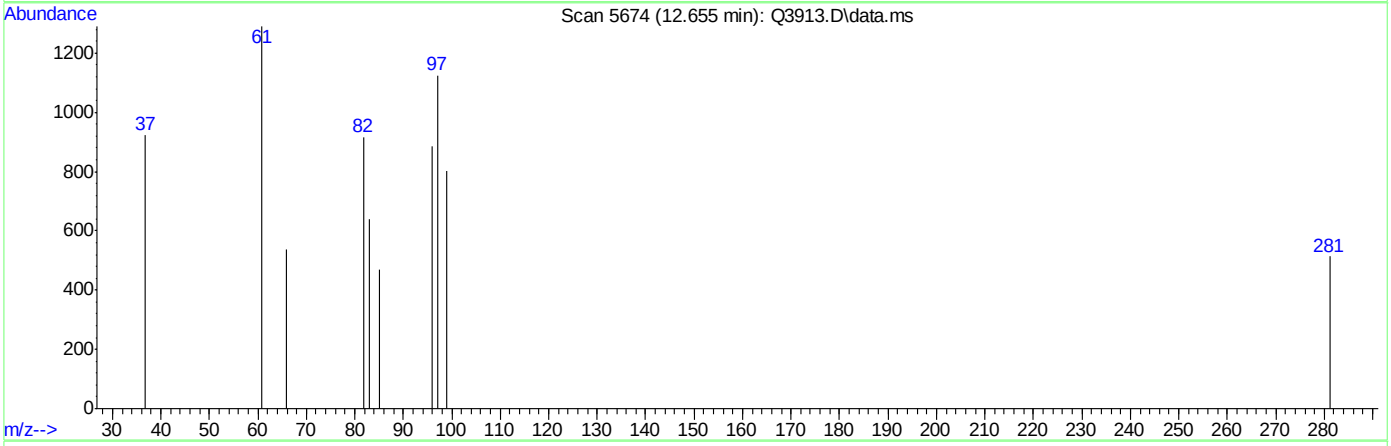
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

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

12.655min (+0.005) 0.03PPBV

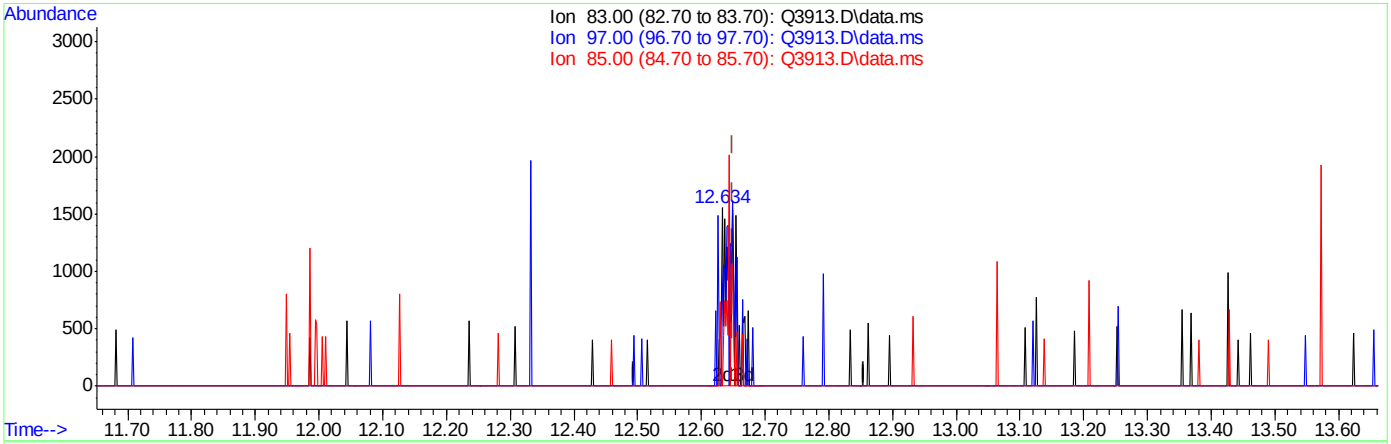
response 283

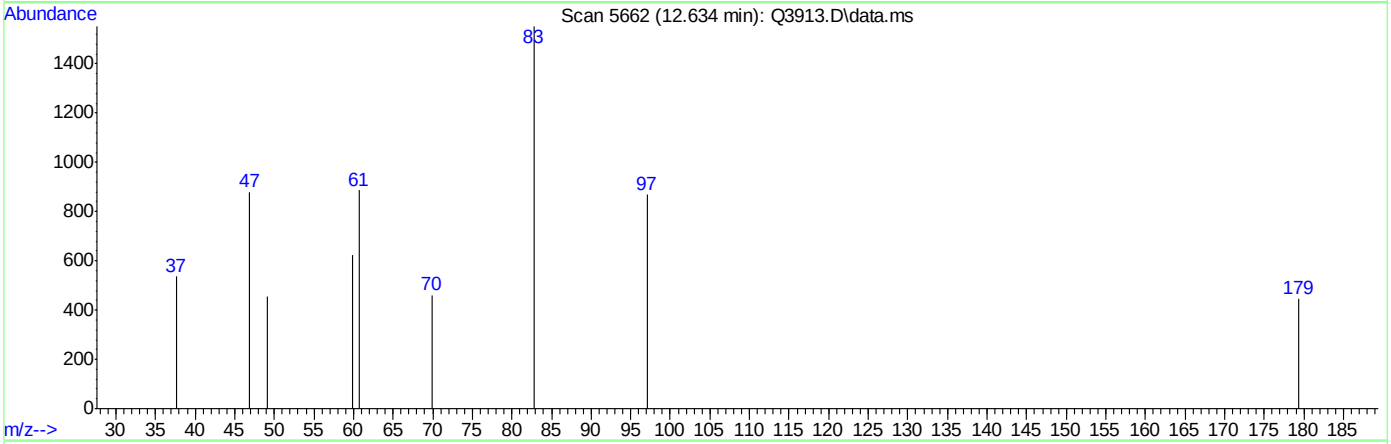
Ion	Exp%	Act%
83.00	100	100
97.00	113.20	217.31#
85.00	64.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

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

12.634min (-0.016) 0.20PPBV m

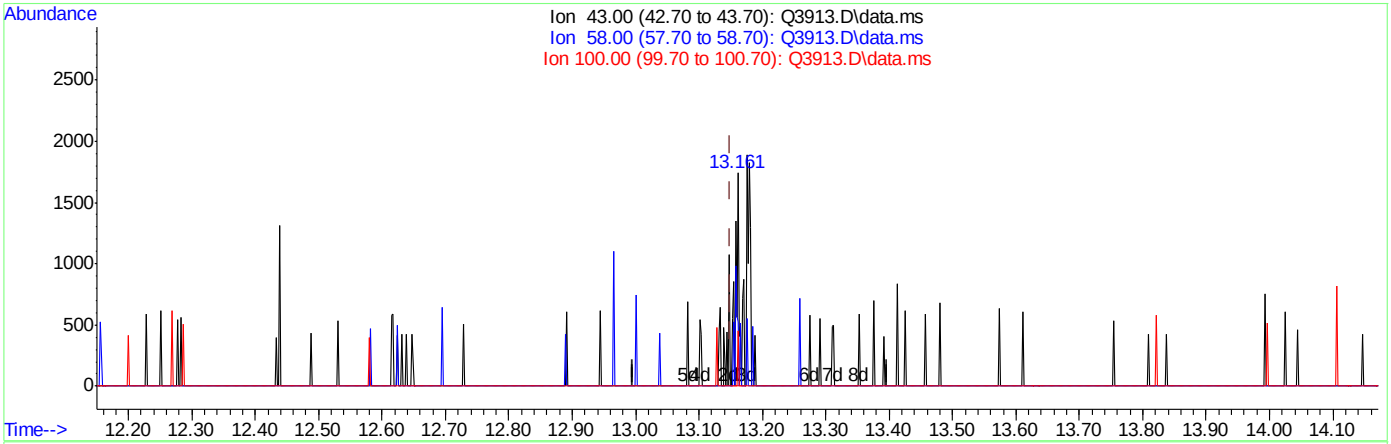
response 1784

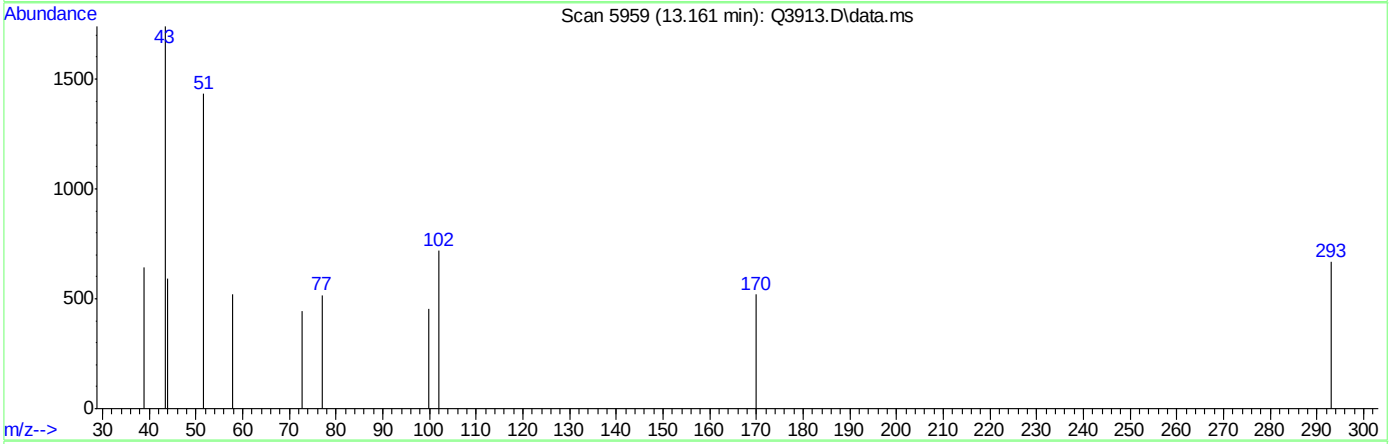
Ion	Exp%	Act%
83.00	100	100
97.00	113.20	34.47#
85.00	64.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(50) 2-HEXANONE (m)

13.161min (+0.010) 0.09PPBV

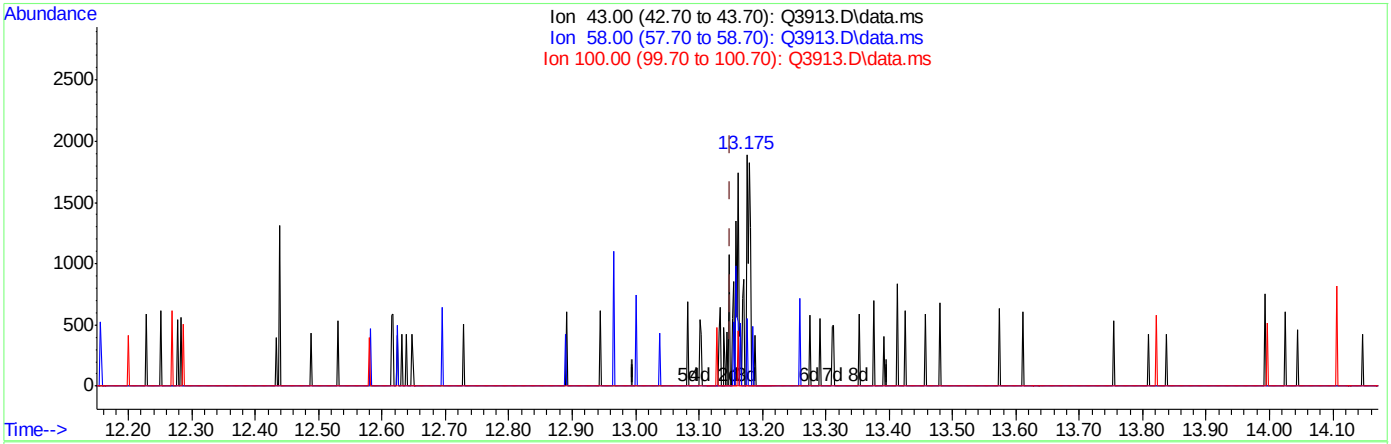
response 803

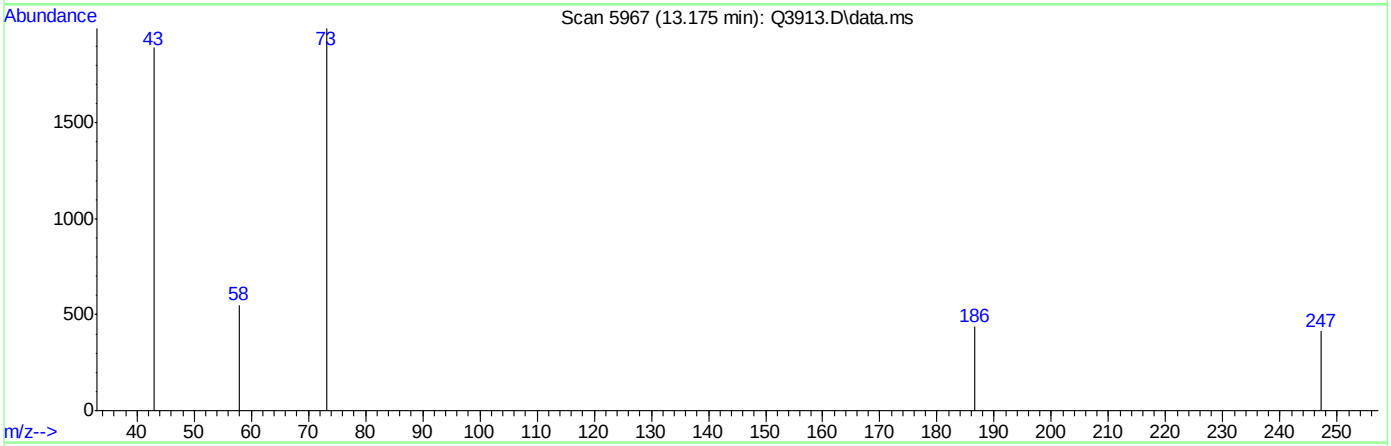
Ion	Exp%	Act%
43.00	100	100
58.00	52.00	41.34
100.00	6.20	6.10
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(50) 2-HEXANONE (m)

13.175min (+0.024) 0.20PPBV m

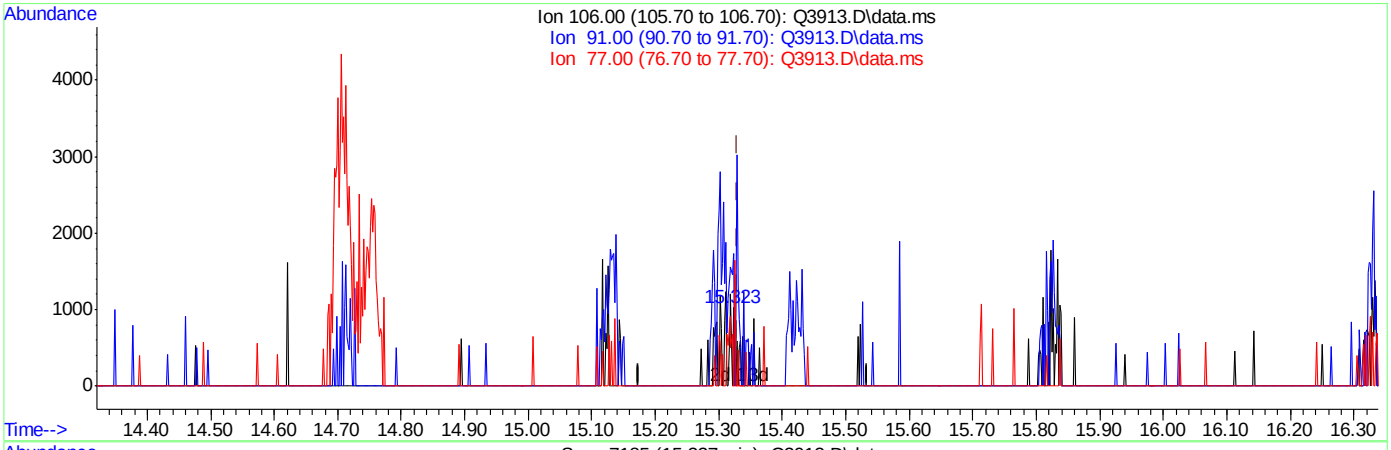
response 1815

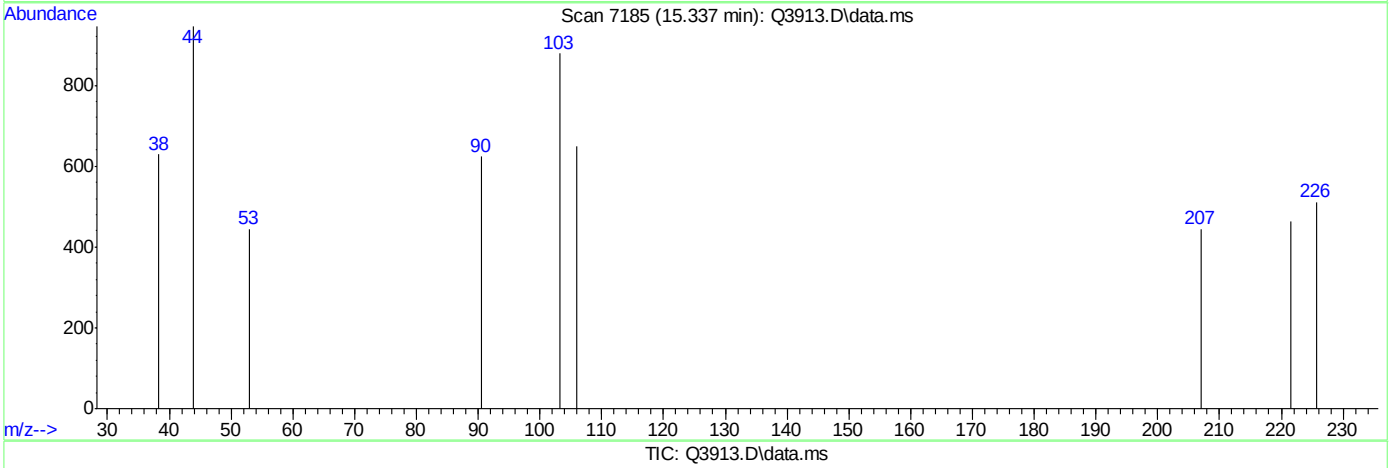
Ion	Exp%	Act%
43.00	100	100
58.00	52.00	18.29#
100.00	6.20	2.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(56) m,p-XYLENE (m)

15.337min (+0.008) 0.10PPBV

response 417

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

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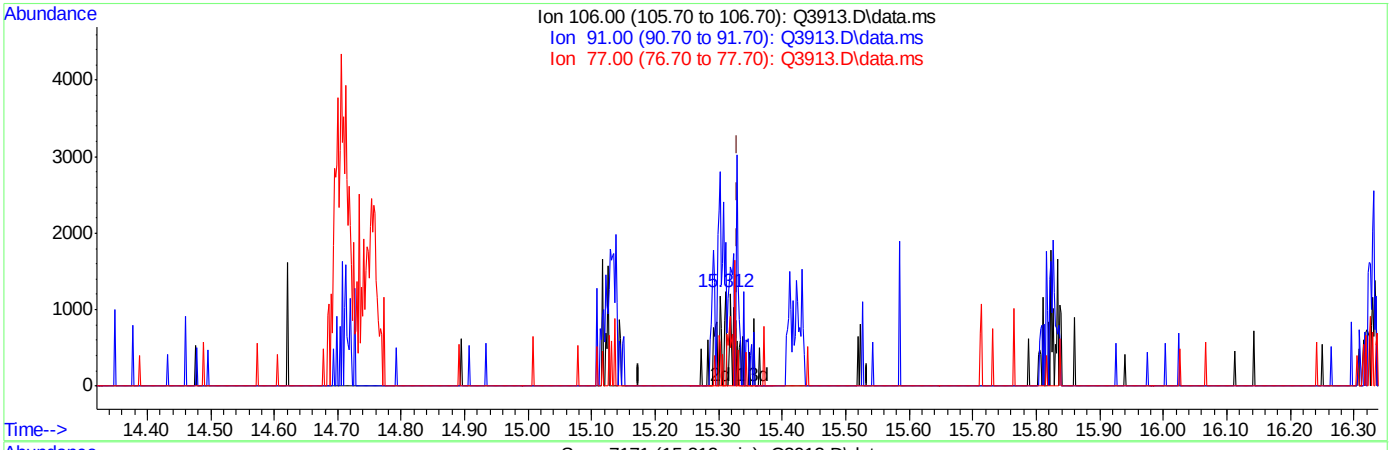
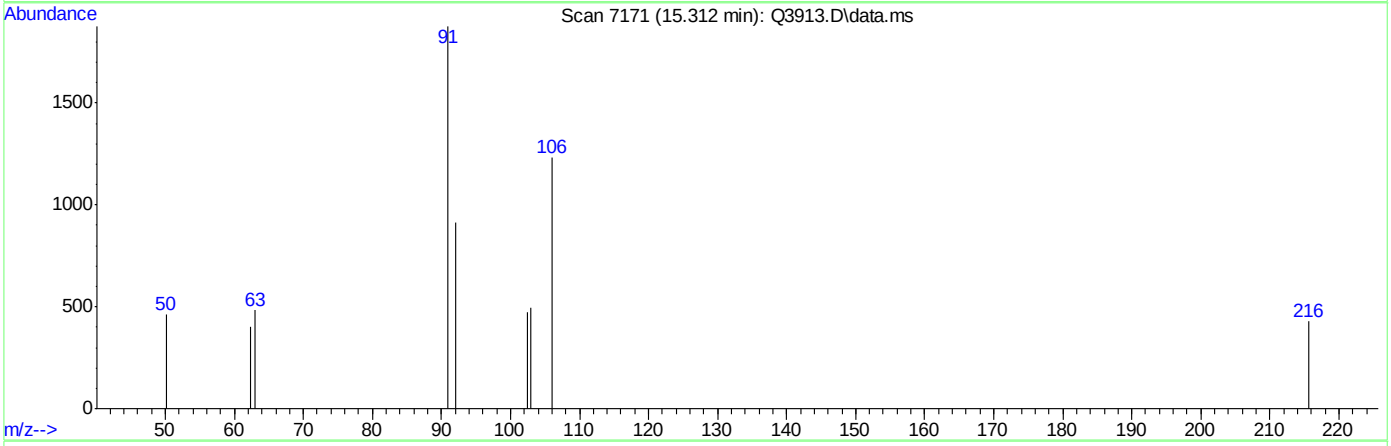
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(56) m,p-XYLENE (m)

15.312min (-0.017) 0.40PPBV m

response 1708

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	152.40#
77.00	27.30	0.00#
0.00	0.00	0.00

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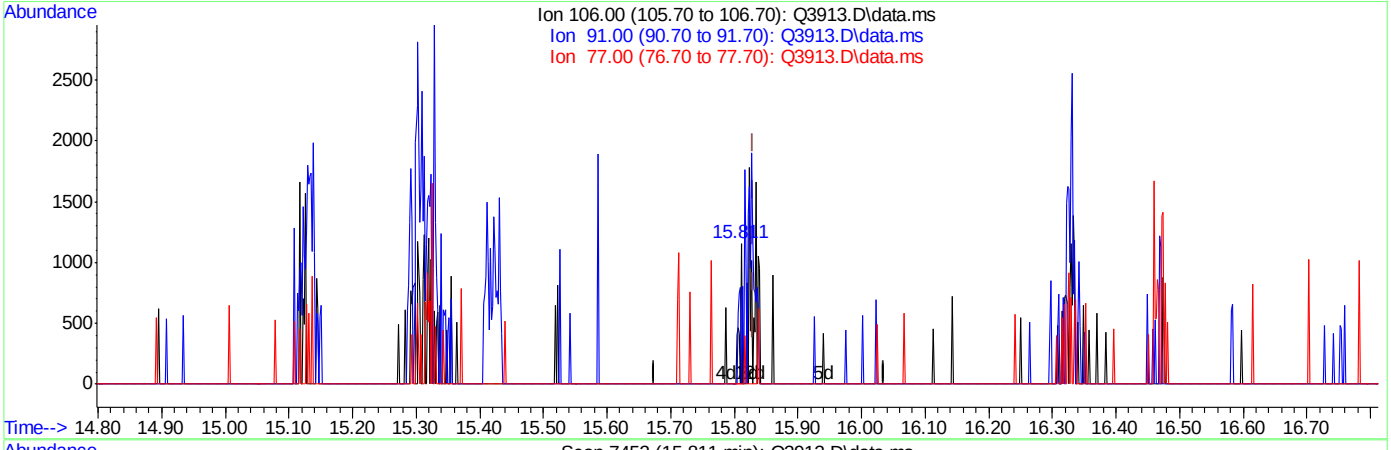
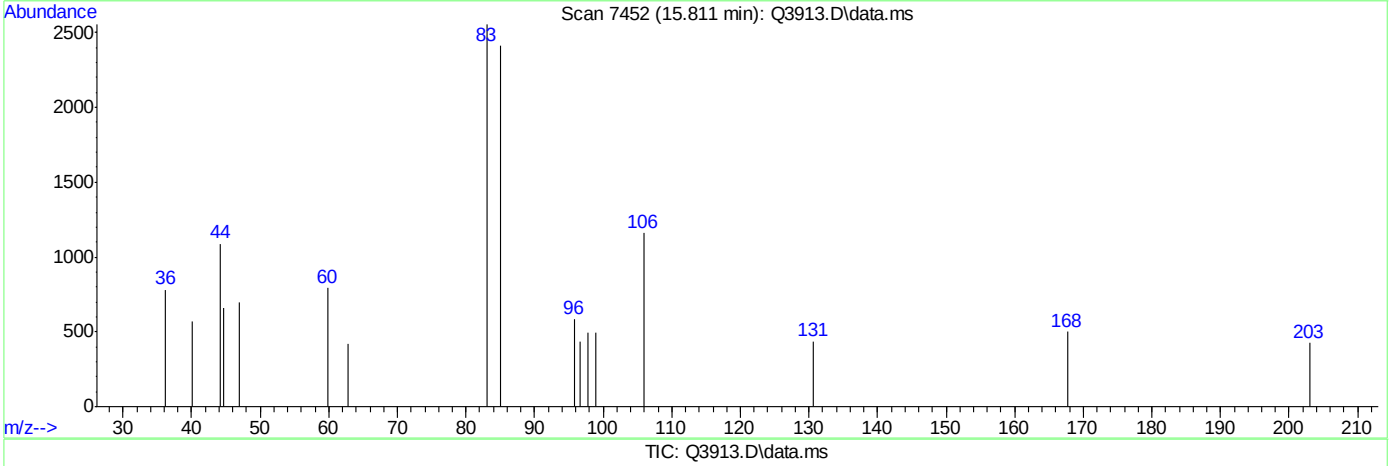
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(57) o-XYLENE (m)

15.811min (-0.019) 0.04PPBV

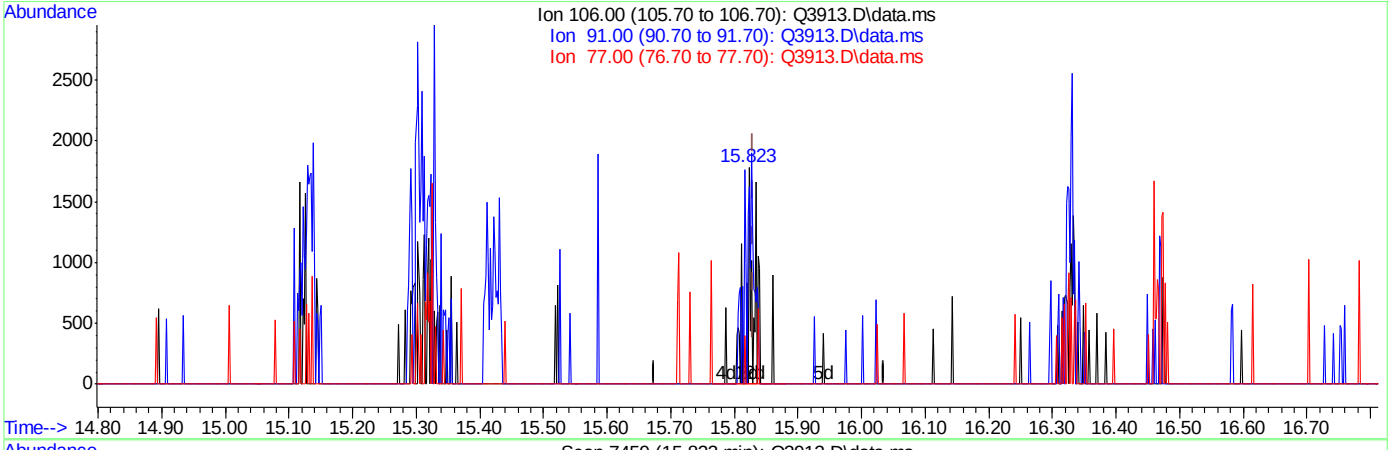
response 261

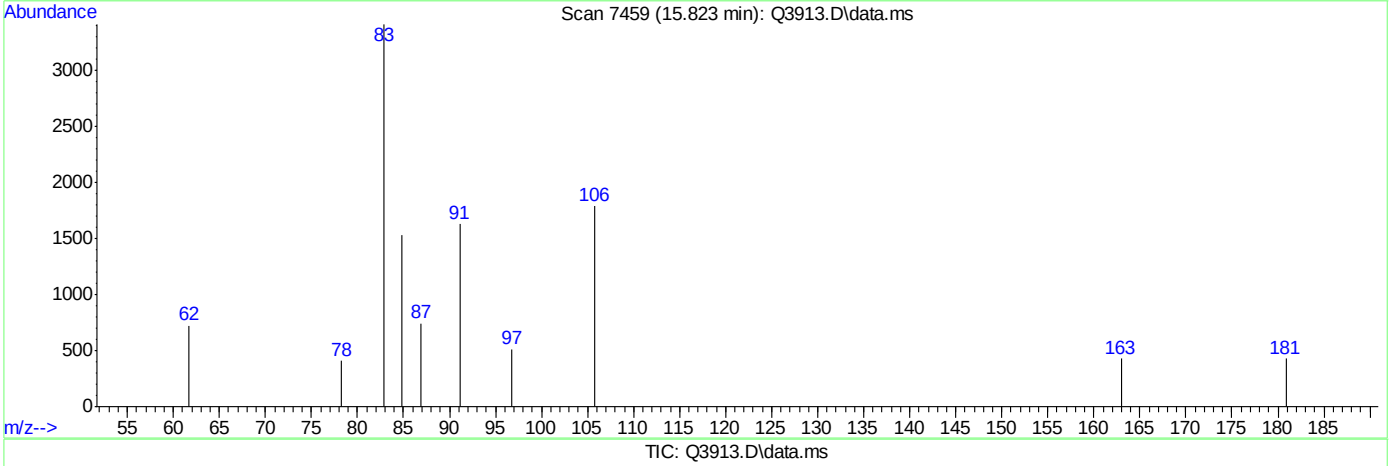
Ion	Exp%	Act%
106.00	100	100
91.00	216.20	232.18
77.00	27.80	16.48
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(57) o-XYLENE (m)

15.823min (-0.007) 0.20PPBV m

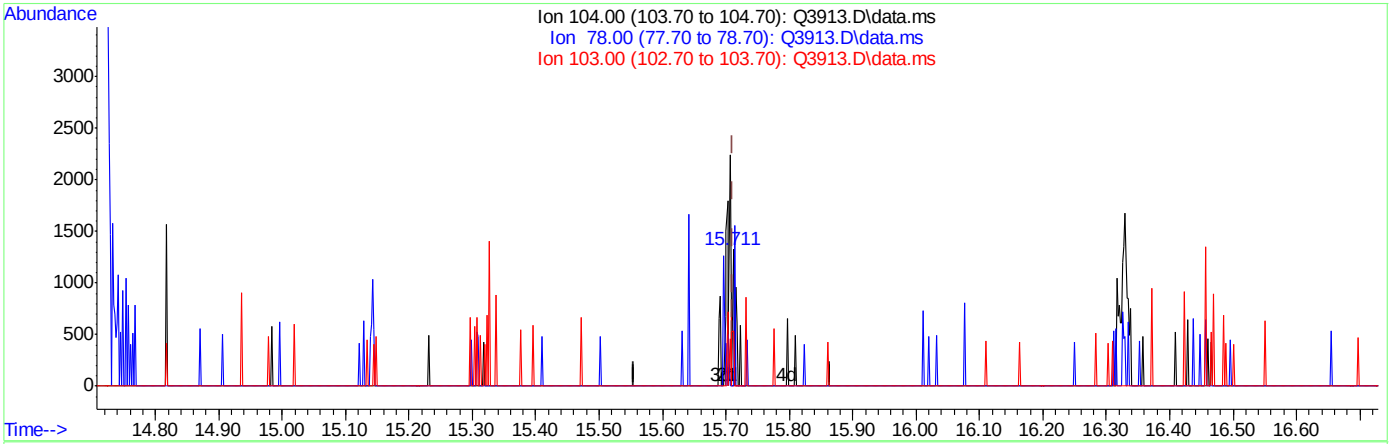
response 1352

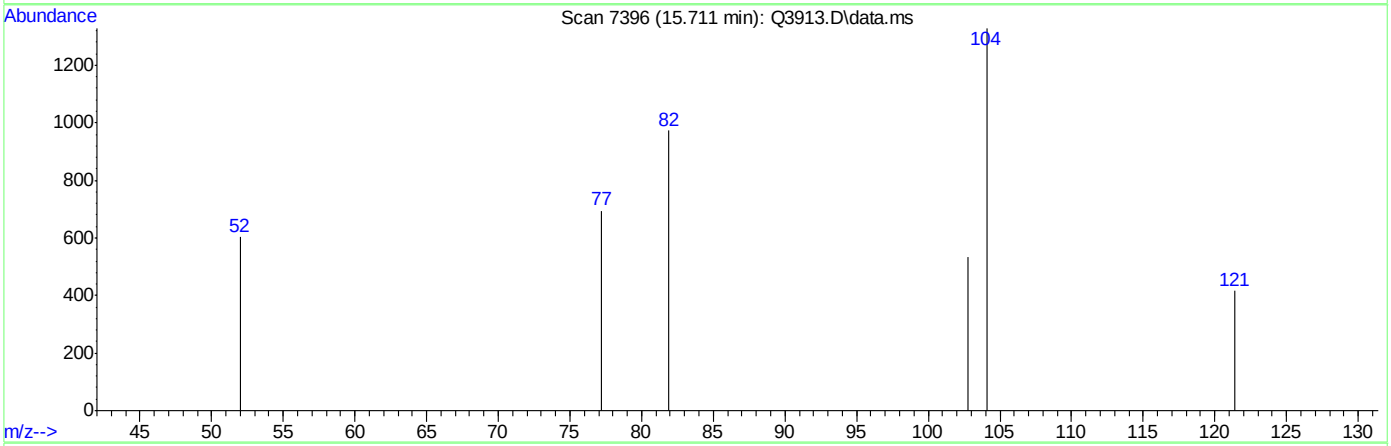
Ion	Exp%	Act%
106.00	100	100
91.00	216.20	44.82#
77.00	27.80	3.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(58) STYRENE (m)

15.711min (+0.000) 0.06PPBV

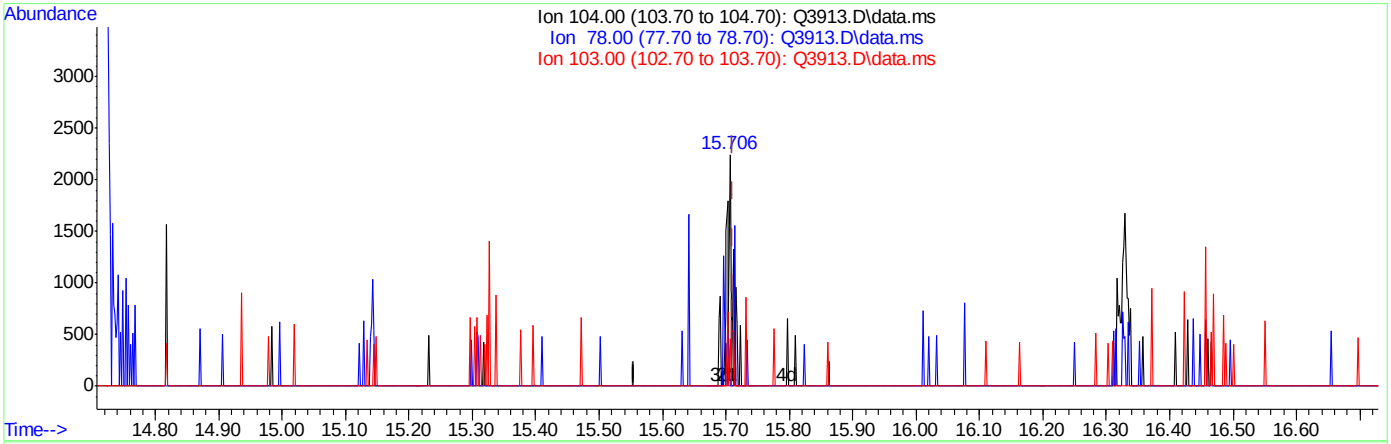
response 372

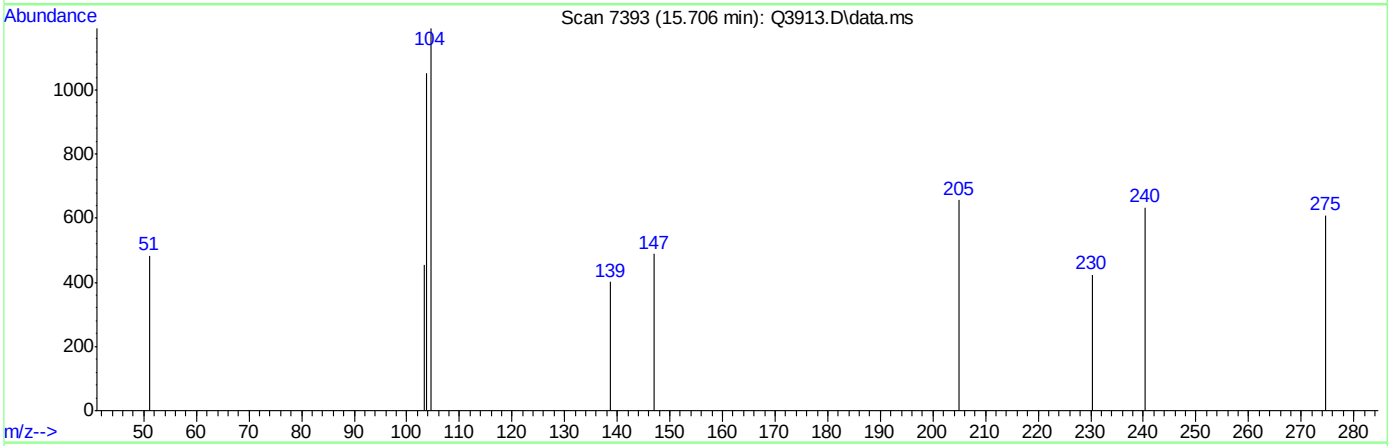
Ion	Exp%	Act%
104.00	100	100
78.00	48.20	0.00#
103.00	45.90	43.55
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(58) STYRENE (m)

15.706min (-0.005) 0.20PPBV m

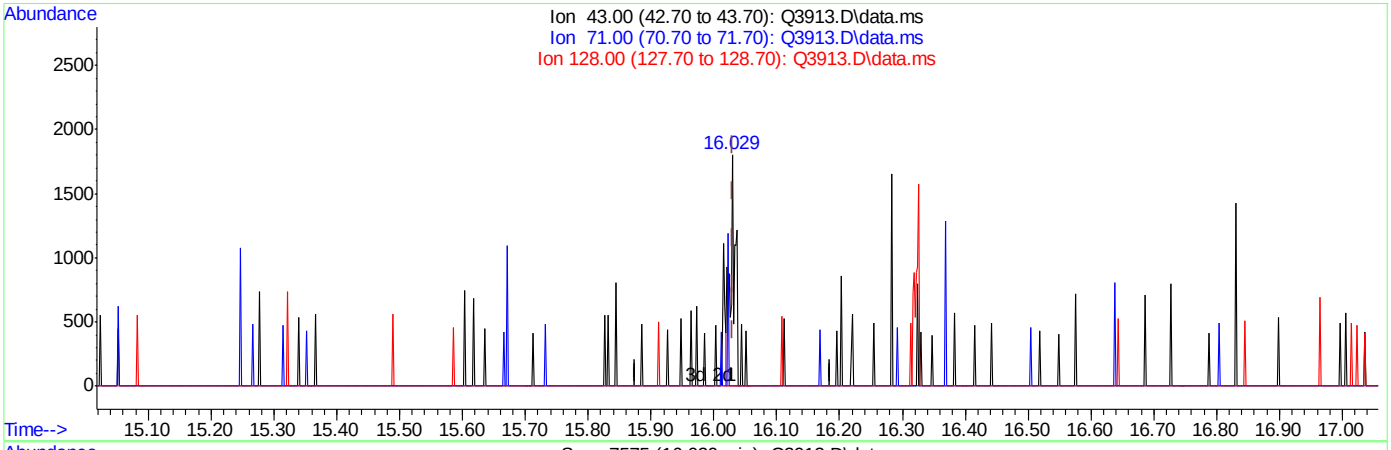
response 1328

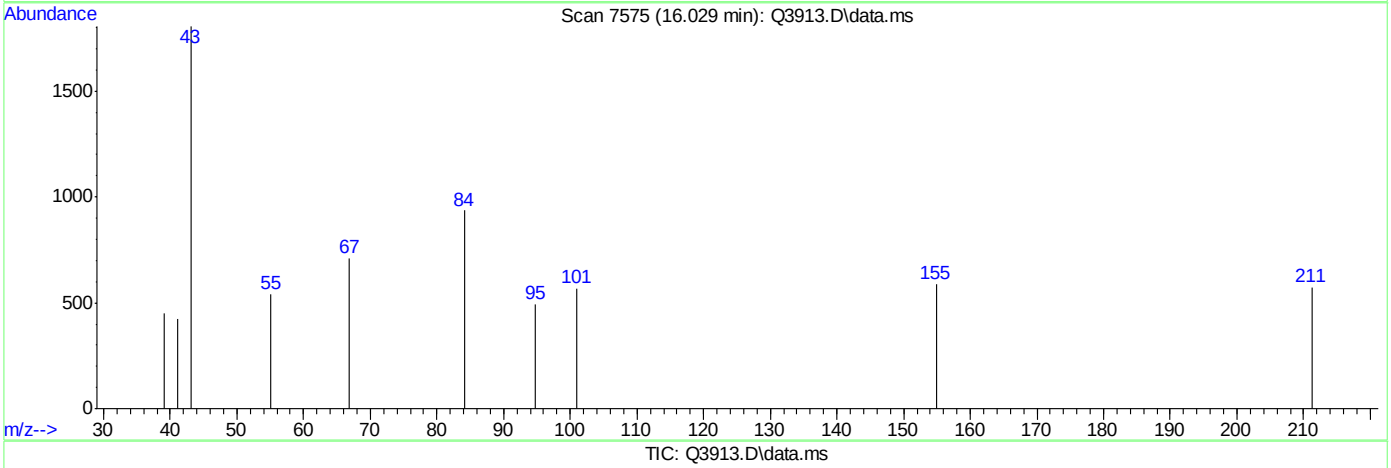
Ion	Exp%	Act%
104.00	100	100
78.00	48.20	0.00#
103.00	45.90	12.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(59) NONANE (m)

16.029min (-0.001) 0.15PPBV

response 1090

Ion	Exp%	Act%
43.00	100	100
71.00	19.00	15.78
128.00	3.70	0.00
0.00	0.00	0.00

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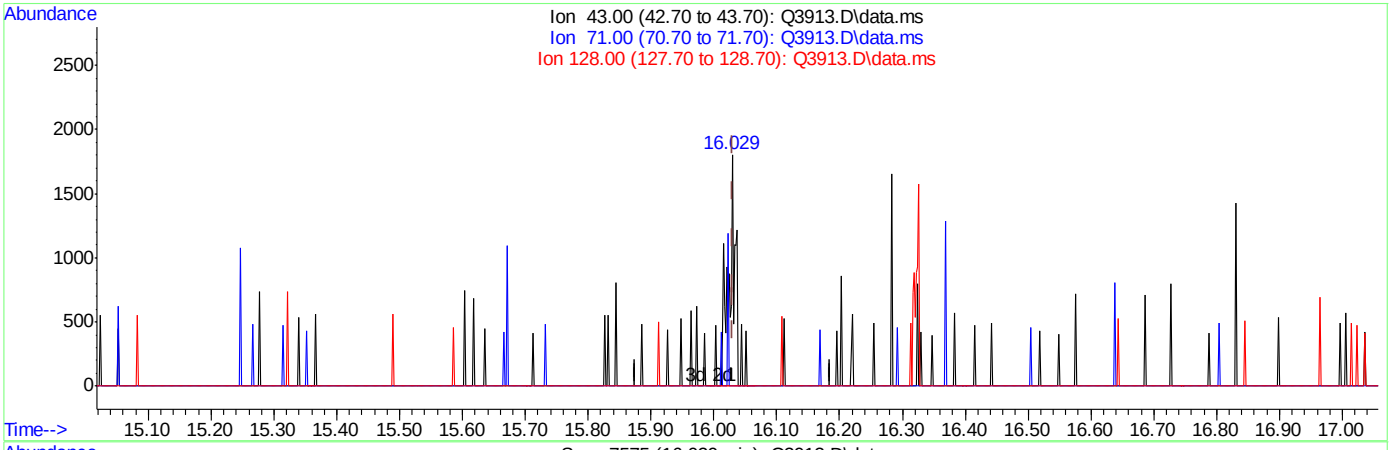
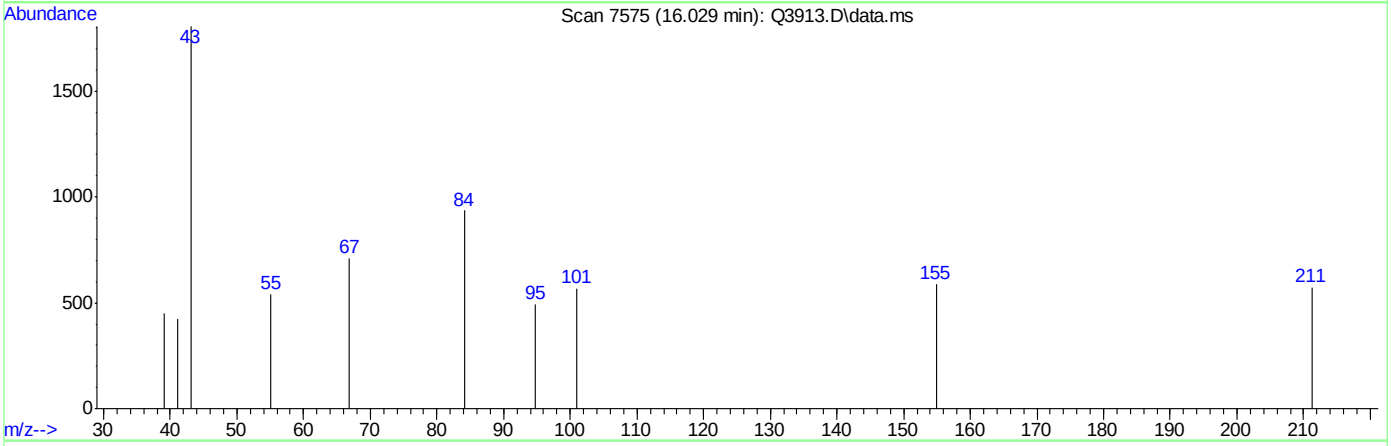
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(59) NONANE (m)

16.029min (-0.001) 0.20PPBV m

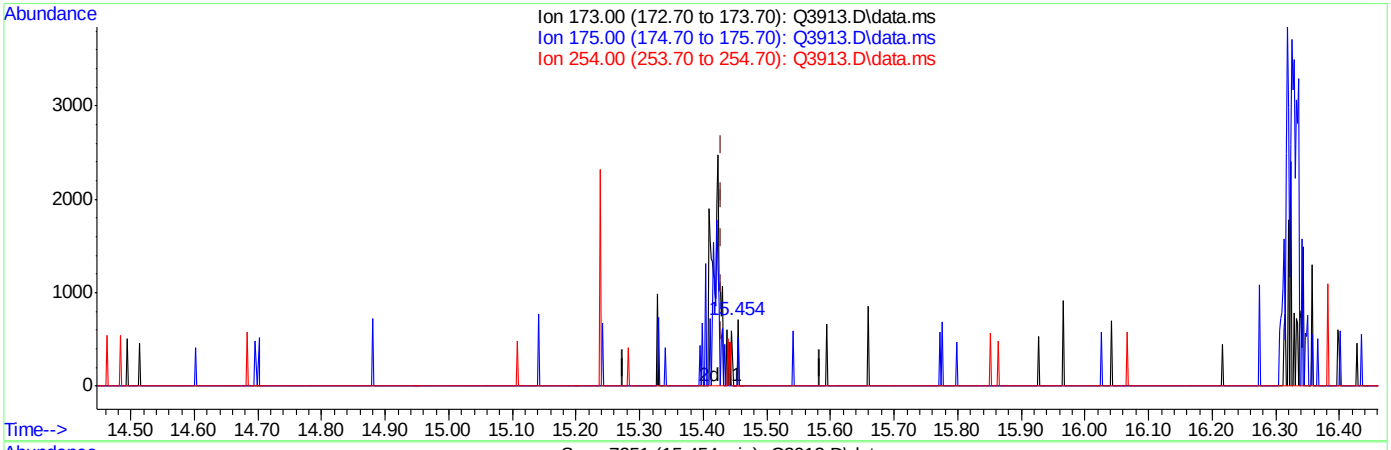
response 1414

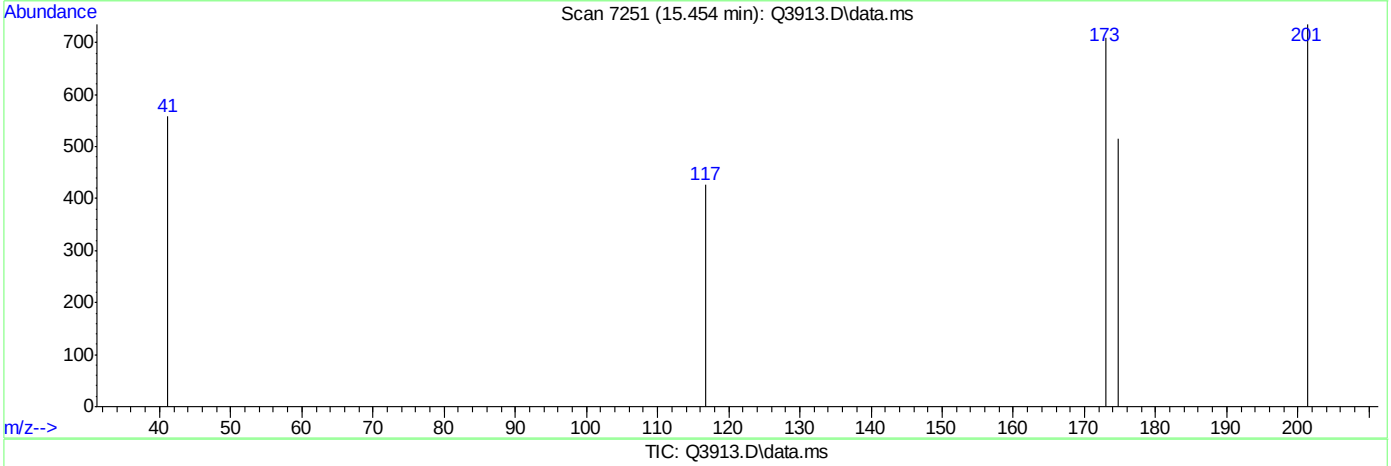
Ion	Exp%	Act%
43.00	100	100
71.00	19.00	12.16
128.00	3.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(60) BROMOFORM (m)

15.454min (+0.024) 0.01PPBV

response 76

Ion	Exp%	Act%
173.00	100	100
175.00	47.60	72.37#
254.00	5.20	138.16#
0.00	0.00	0.00

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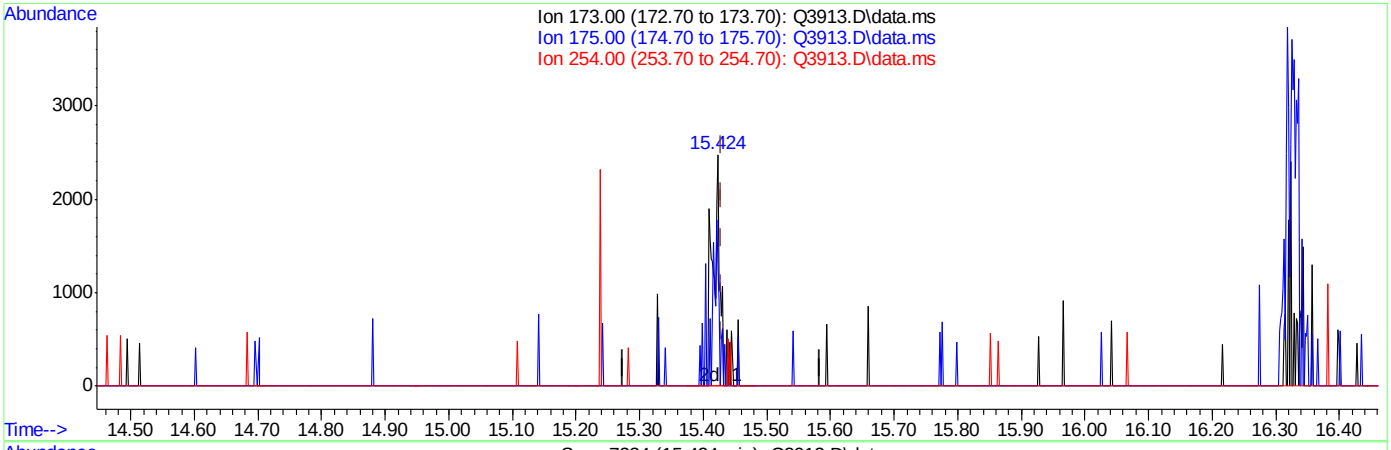
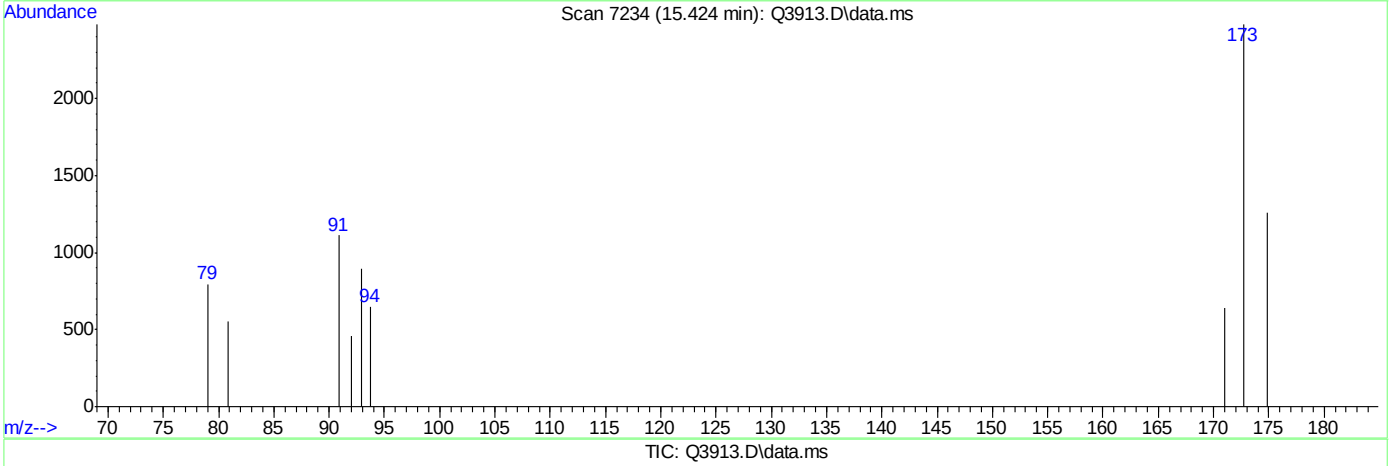
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(60) BROMOFORM (m)

15.424min (-0.006) 0.20PPBV m

response 2152

Ion	Exp%	Act%
173.00	100	100
175.00	47.60	2.56#
254.00	5.20	4.88
0.00	0.00	0.00

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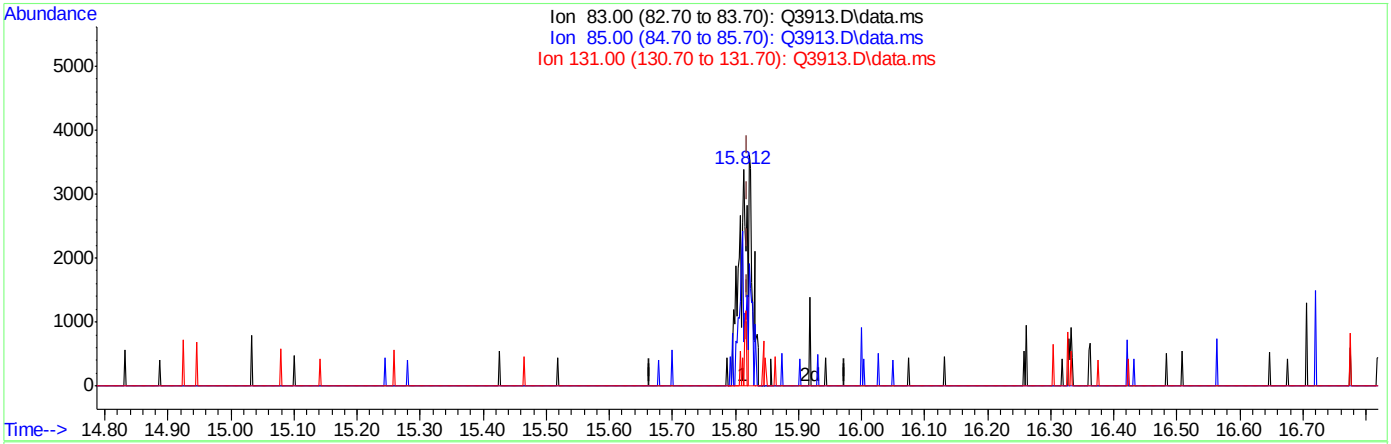
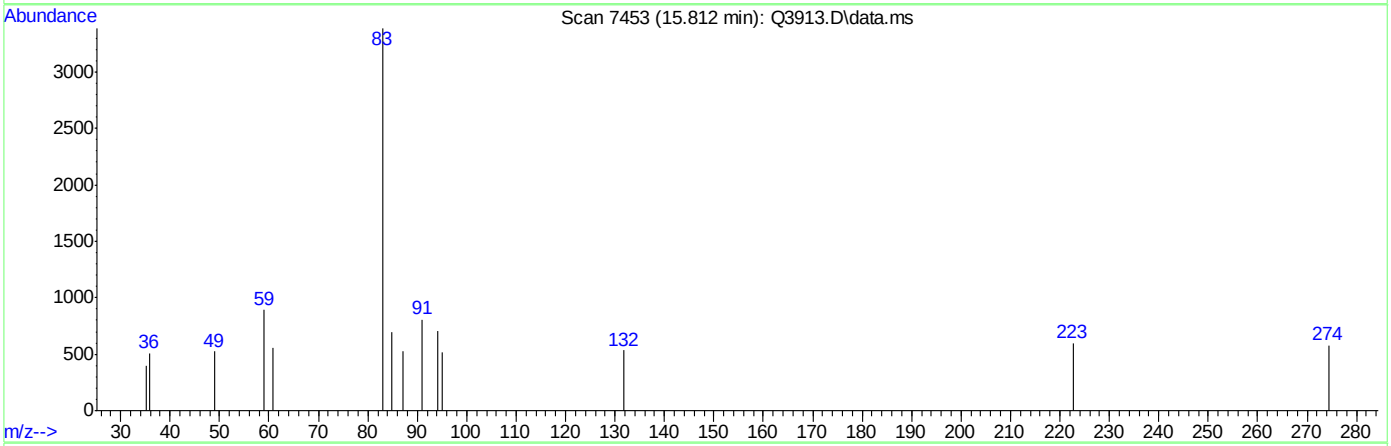
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(62) 1,1,2,2-TETRACHLOROETHANE (m)

15.812min (-0.007) 0.13PPBV

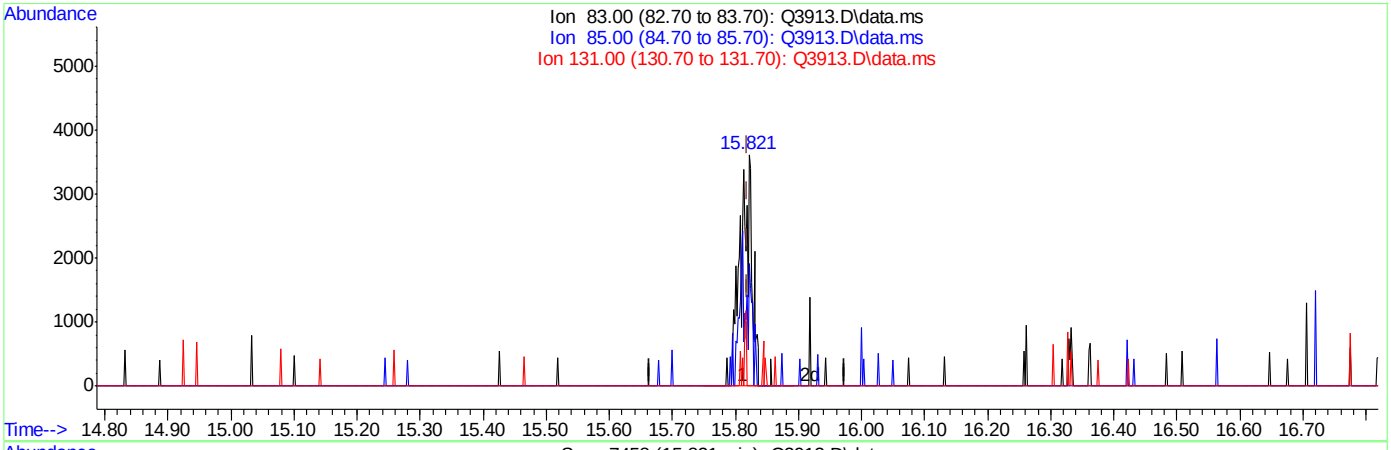
response 2969

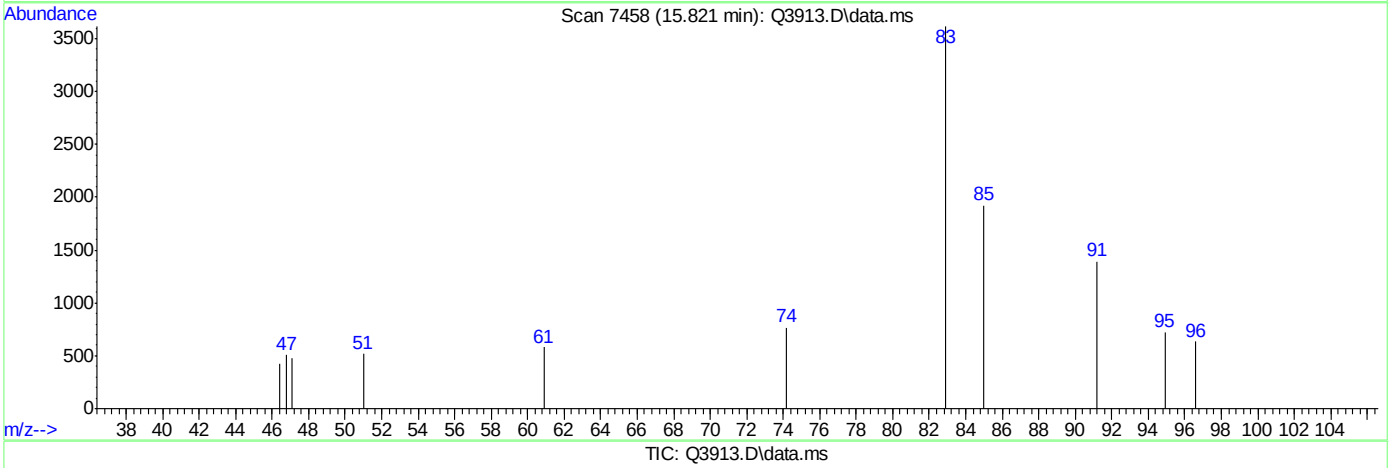
Ion	Exp%	Act%
83.00	100	100
85.00	63.90	50.56
131.00	10.20	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On    :  5 Jul 2007   5:27 pm
Operator  : PhilipB
Sample    : IC210-.2 (M214)
Misc      : MS13877, MSQ210,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration
```



TIC: Q3913.D\data.ms

(62) 1,1,2,2-TETRACHLOROETHANE (m)

15.821min (+0.002) 0.20PPBV m

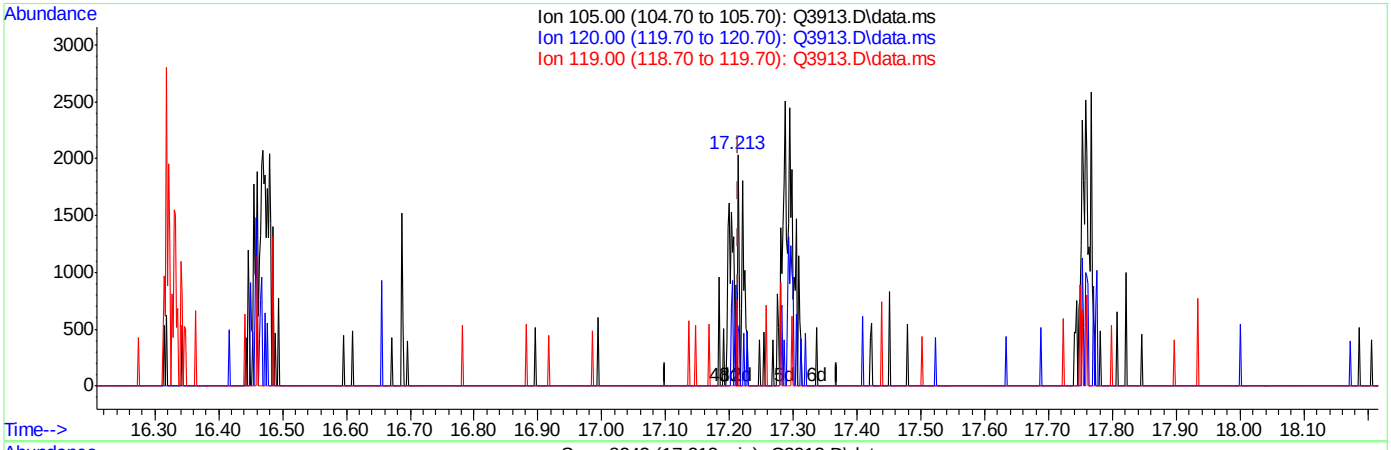
response 4632

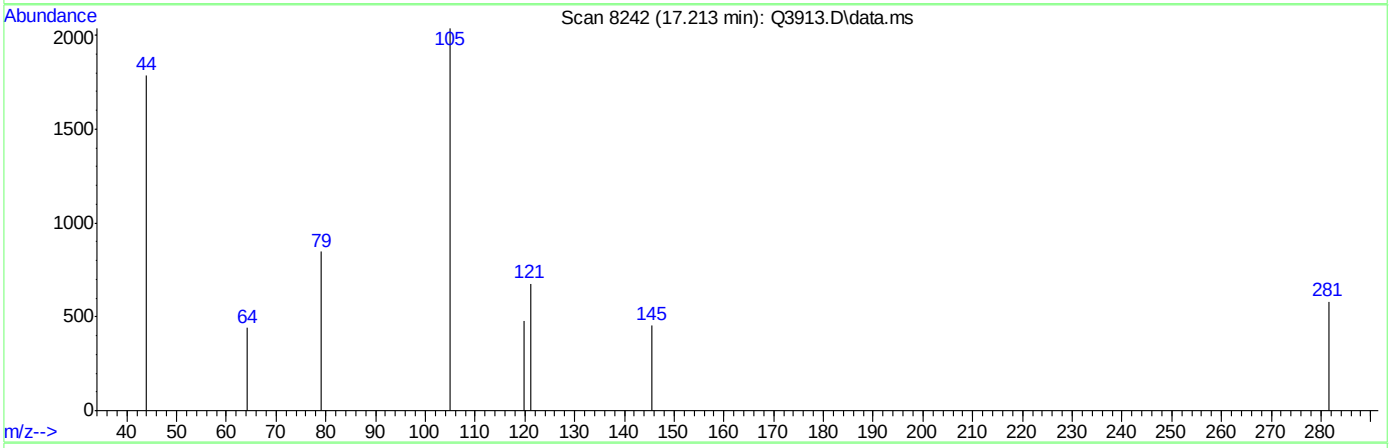
Ion	Exp%	Act%
83.00	100	100
85.00	63.90	32.41#
131.00	10.20	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.213min (-0.001) 0.03PPBV

response 322

Ion	Exp%	Act%
105.00	100	100
120.00	29.20	0.00#
119.00	2.10	0.00
0.00	0.00	0.00

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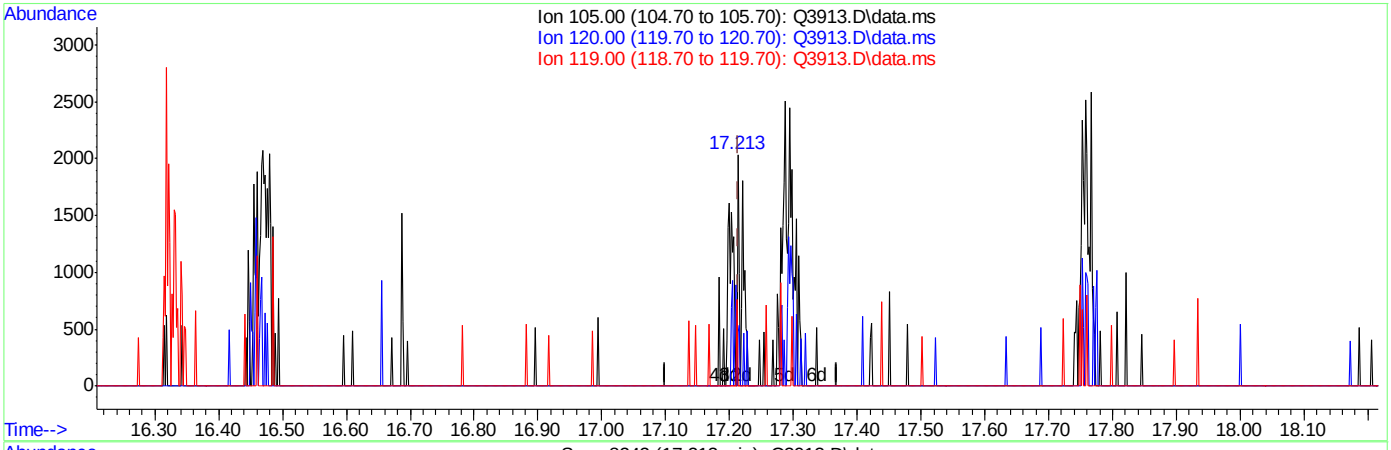
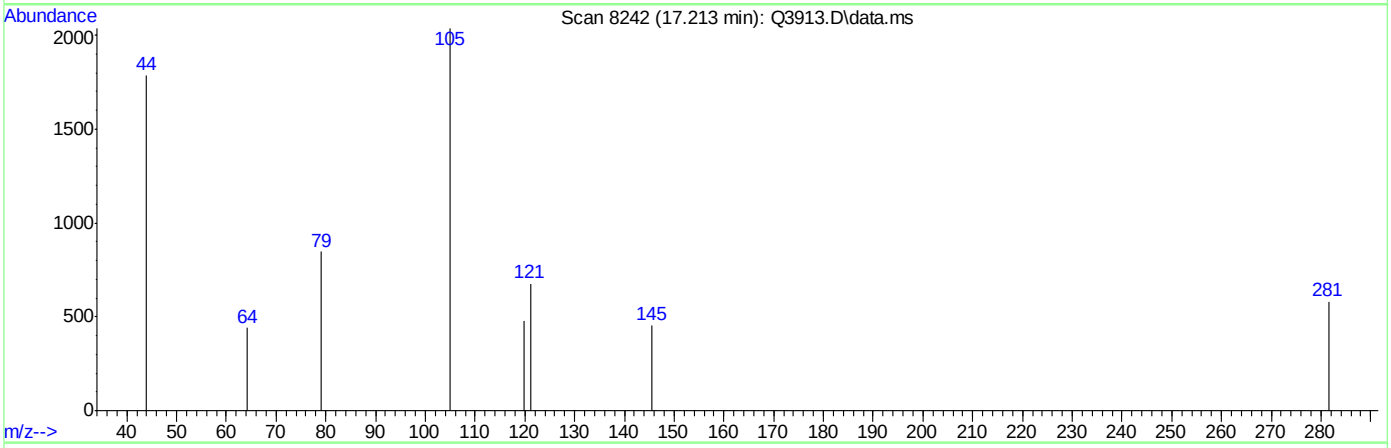
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.213min (-0.001) 0.20PPBV m

response 1932

Ion	Exp%	Act%
105.00	100	100
120.00	29.20	0.00#
119.00	2.10	0.00
0.00	0.00	0.00

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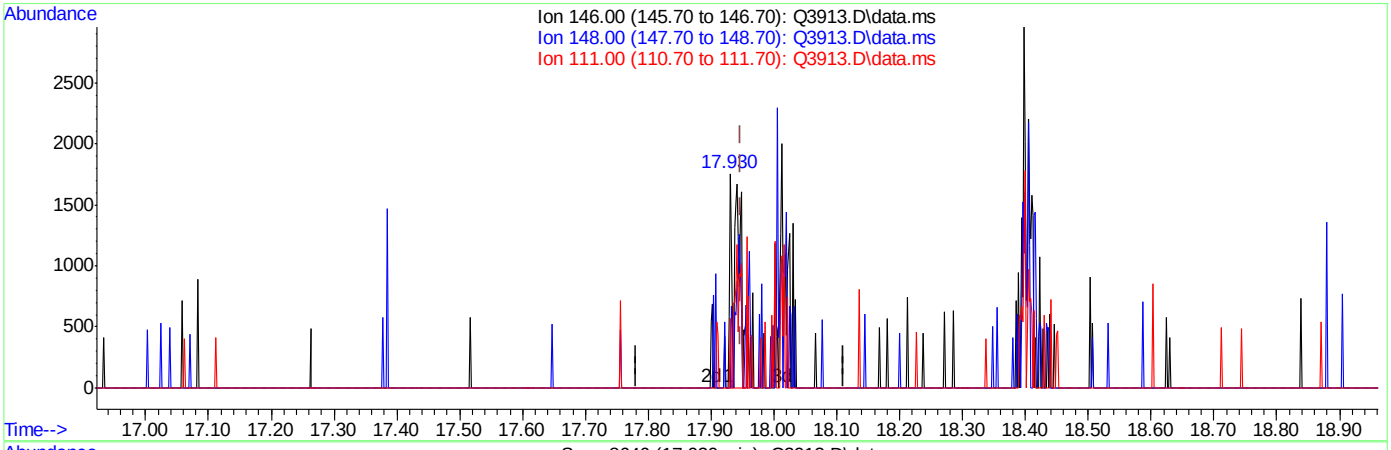
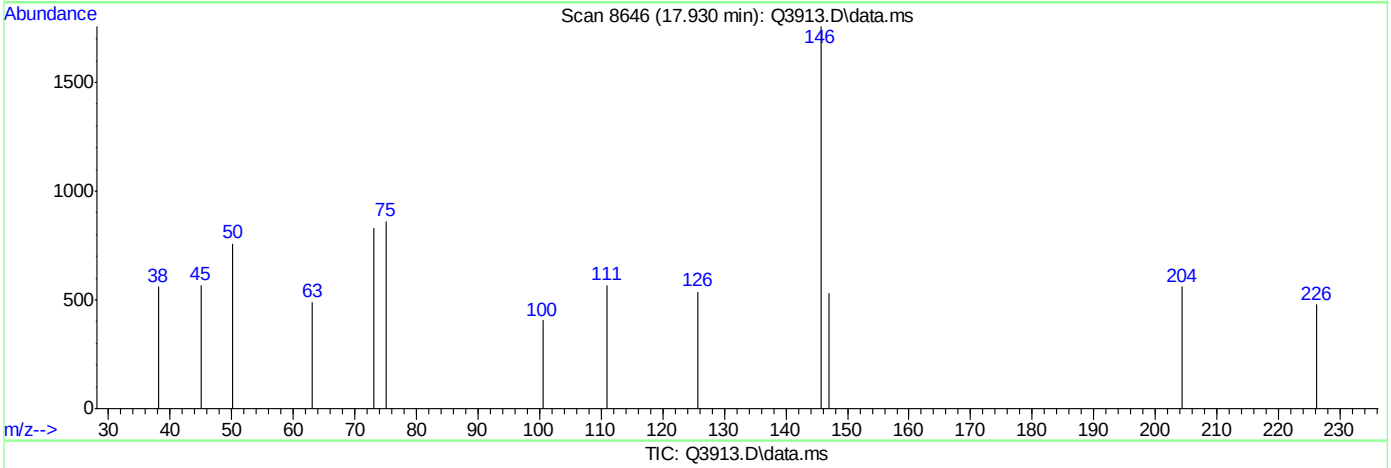
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(68) m-DICHLOROBENZENE (m)

17.930min (-0.017) 0.17PPBV

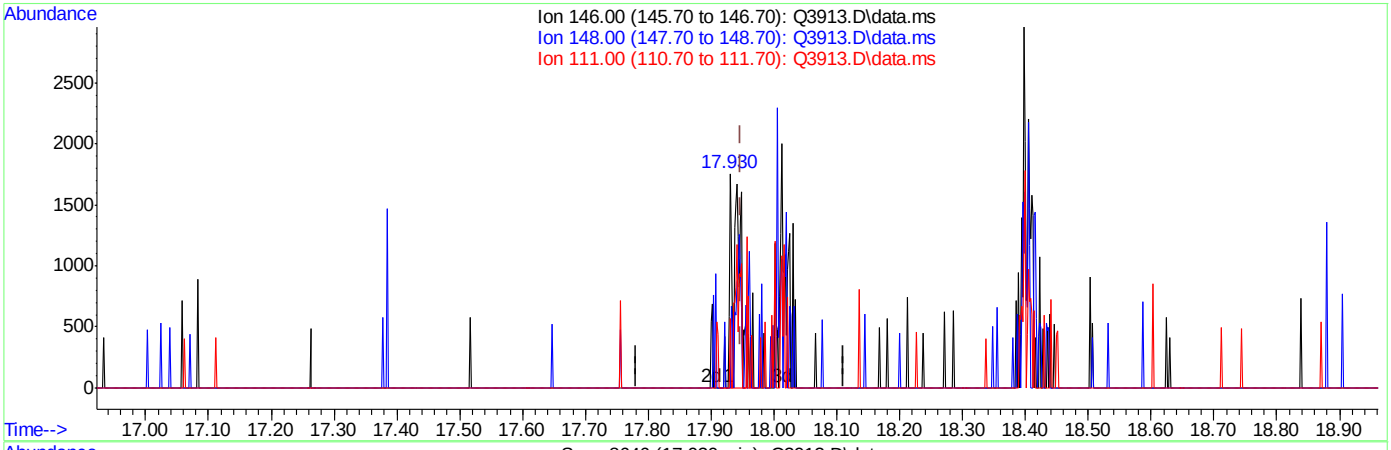
response 1690

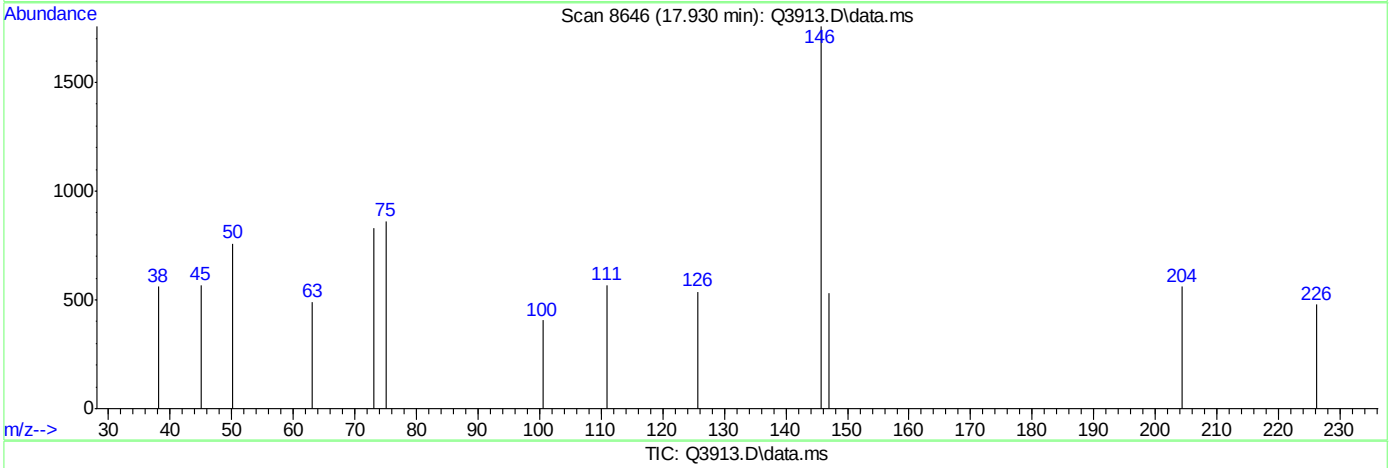
Ion	Exp%	Act%
146.00	100	100
148.00	62.90	44.08
111.00	42.30	45.86
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(68) m-DICHLOROBENZENE (m)

17.930min (-0.017) 0.19PPBV m

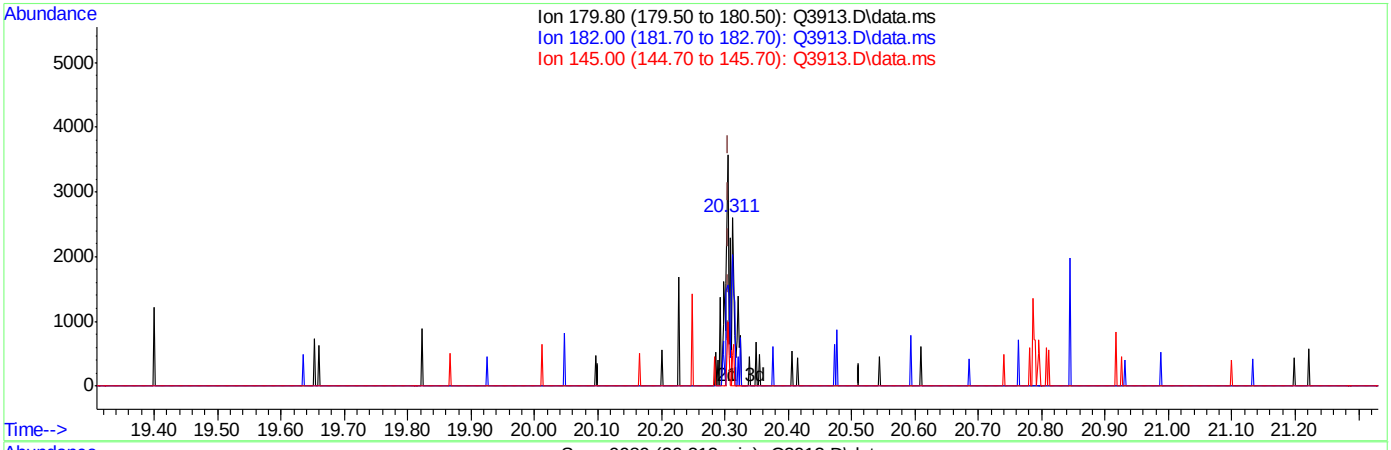
response 1861

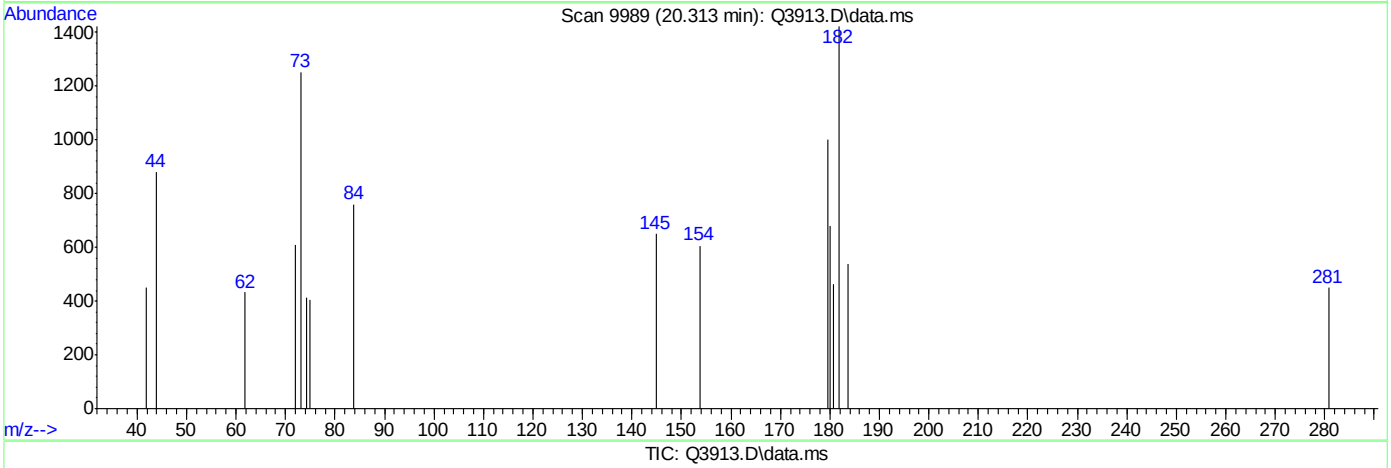
Ion	Exp%	Act%
146.00	100	100
148.00	62.90	40.03#
111.00	42.30	41.64
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(73) 1,2,4-TRICHLOROBENZENE (m)

20.313min (+0.006) 0.08PPBV

response 957

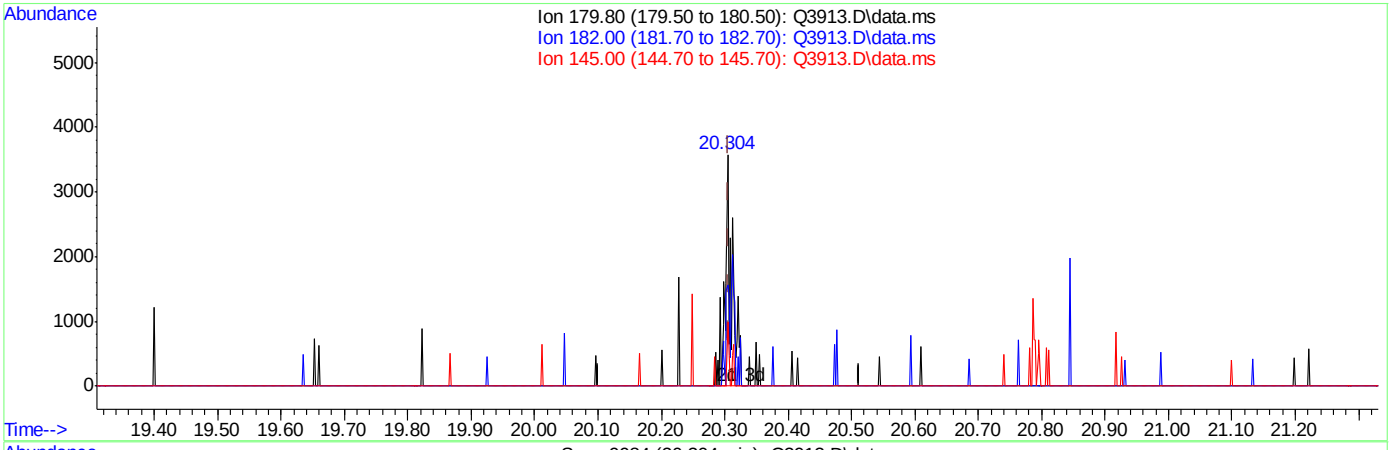
Ion	Exp%	Act%
179.80	100	100
182.00	95.40	141.69#
145.00	38.00	0.00#
0.00	0.00	0.00

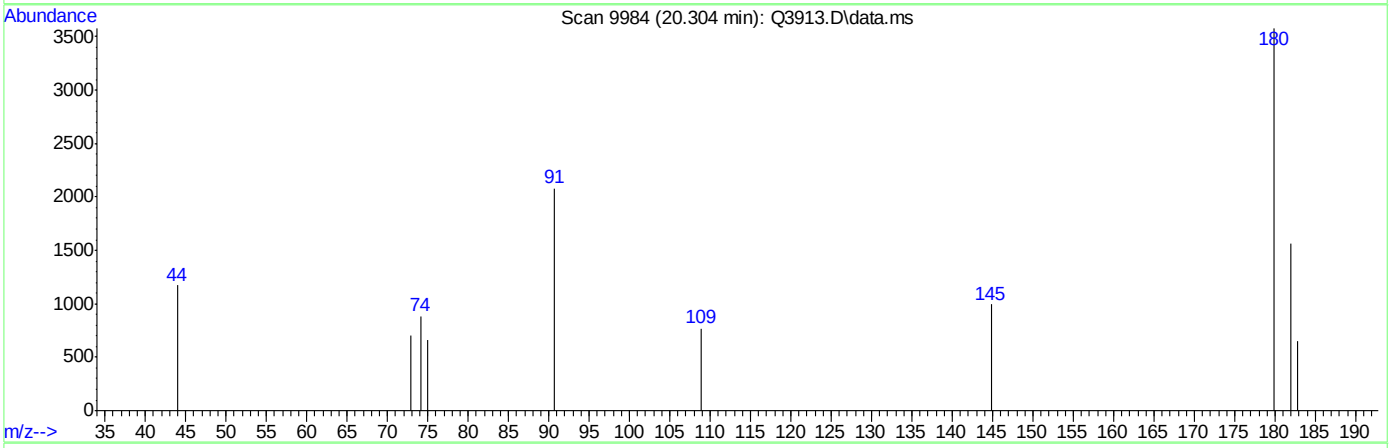
ACCUTEST Laboratories M66023

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3913.D
Acq On : 5 Jul 2007 5:27 pm
Operator : PhilipB
Sample : IC210-.2 (M214)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:03:39 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration





TIC: Q3913.D\data.ms

(73) 1,2,4-TRICHLOROBENZENE (m)

20.304min (-0.003) 0.20PPBV m

response 2489

Ion	Exp%	Act%
179.80	100	100
182.00	95.40	54.48#
145.00	38.00	0.00#
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
07/11/07 12:09

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3914.D
Acq On : 5 Jul 2007 6:11 pm
Operator : PhilipB
Sample : ICV210-10 (M209)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 05 18:48:32 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.635	128	88212	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.460	114	436786	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.707	117	372107	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.324	95	190971	5.30	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 106.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.037	85	871398	8.65	PPBV	98
3) PROPYLENE	3.960	41	95932	8.17	PPBV	86
4) FREON 114	4.296	85	888123	10.24	PPBV	86
5) CHLOROMETHANE	4.198	50	170096	9.59	PPBV	96
6) VINYL CHLORIDE	4.422	62	222543	9.75	PPBV	99
7) 1,3-BUTADIENE	4.553	39	192181	9.65	PPBV #	66
8) BROMOMETHANE	4.830	94	257132	9.61	PPBV	97
9) CHLOROETHANE	5.000	64	91420	10.29	PPBV	85
10) TRICHLOROFLUOROMETHANE	5.787	101	1154231	10.12	PPBV	97
11) ISOPROPYL ALCOHOL	5.822	45	309242	9.58	PPBV	86
12) ACETONE	5.599	43	300992	9.03	PPBV	87
13) PENTANE	6.143	42	249041	10.00	PPBV	91
14) 1,1-DICHLOROETHYLENE	6.426	96	246188	9.33	PPBV	97
15) CARBON DISULFIDE	6.862	76	855237	10.14	PPBV	98
16) ETHANOL	5.100	45	44143	8.24	PPBV	76
17) BROMOETHENE	5.371	106	235302	9.52	PPBV #	93
18) METHYLENE CHLORIDE	6.537	84	215435	10.59	PPBV	86
19) 3-CHLOROPROPENE	6.662	39	227227	9.70	PPBV #	84
20) FREON 113	6.800	151	495931	9.71	PPBV	96
21) TRANS-1,2-DICHLOROETHY...	7.469	96	238453	9.46	PPBV	90
22) TERTIARY BUTYL ALCOHOL	6.427	59	423968	10.20	PPBV	79
23) METHYL TERTIARY BUTYL ...	7.711	73	443038	9.36	PPBV	91
24) TETRAHYDROFURAN	9.139	42	78902	10.91	PPBV	78
25) HEXANE	8.665	57	151056	9.16	PPBV #	75
26) VINYL ACETATE	7.785	43	355323	9.54	PPBV	93
27) 1,1-DICHLOROETHANE	7.664	63	432431	9.79	PPBV	76
28) METHYL ETHYL KETONE	8.034	43	192016	9.49	PPBV	95
29) cis-1,2-DICHLOROETHYLENE	8.472	96	87391	9.14	PPBV	96
30) ETHYL ACETATE	8.665	43	349567	9.79	PPBV	100
31) CHLOROFORM	8.751	83	345494	9.35	PPBV	98
32) 1,1,1-TRICHLOROETHANE	9.707	97	366878	9.20	PPBV	99
33) CARBON TETRACHLORIDE	10.291	117	488758	9.88	PPBV	95
34) 1,2-DICHLOROETHANE	9.468	62	220190	9.40	PPBV	97
36) BENZENE	10.151	78	251547	8.75	PPBV	90
37) CYCLOHEXANE	10.414	84	110001	8.85	PPBV #	69
38) TRICHLOROETHYLENE	11.150	95	171868	9.79	PPBV #	83
39) 1,2-DICHLOROPROPANE	10.923	63	97499	9.08	PPBV #	73
40) BROMODICHLOROMETHANE	11.109	83	324842	8.50	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.171	57	467489	10.97	PPBV	99
42) 1,4-DIOXANE	11.139	88	50352	10.08	PPBV #	68
43) HEPTANE	11.407	43	170103	10.78	PPBV	88

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3914.D
Acq On : 5 Jul 2007 6:11 pm
Operator : PhilipB
Sample : ICV210-10 (M209)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 05 18:48:32 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration

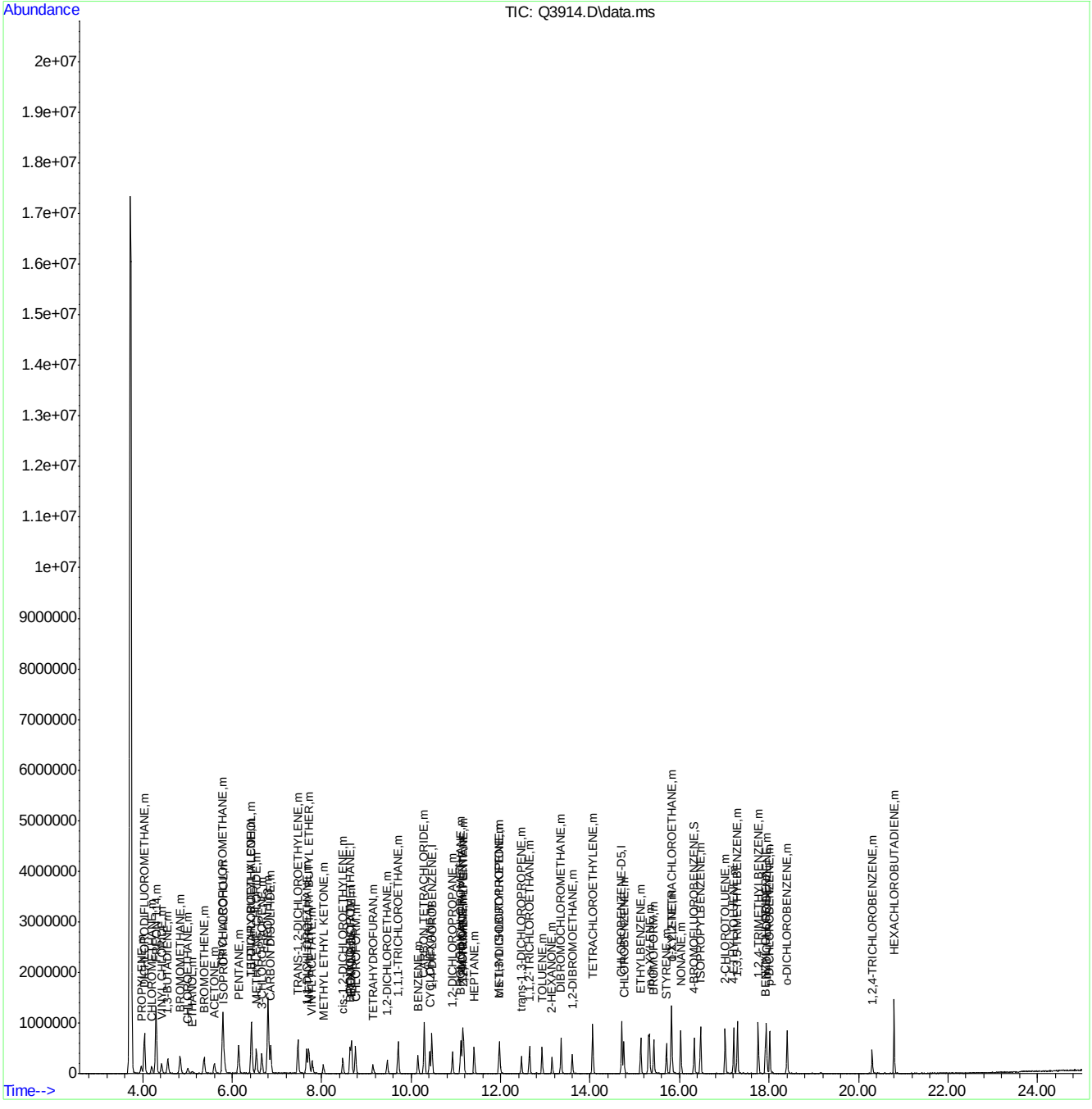
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.981	43	240700	11.45 PPBV	89
45) cis-1,3-DICHLOROPROPENE	11.963	75	169654	11.29 PPBV #	79
46) TOLUENE	12.927	92	161253	10.80 PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.465	75	136310	9.04 PPBV	91
48) 1,1,2-TRICHLOROETHANE	12.646	83	104254	9.34 PPBV	96
50) 2-HEXANONE	13.147	43	193415	9.68 PPBV	86
51) TETRACHLOROETHYLENE	14.059	164	117189	9.79 PPBV	93
52) DIBROMOCHLOROMETHANE	13.353	129	264685	10.19 PPBV	100
53) 1,2-DIBROMOETHANE	13.603	107	171298	9.28 PPBV	96
54) CHLOROBENZENE	14.751	112	218398	9.34 PPBV #	81
55) ETHYLBENZENE	15.134	91	400064	10.60 PPBV	93
56) m,p-XYLENE	15.328	106	288605m	21.08 PPBV	
57) o-XYLENE	15.823	106	152764	10.89 PPBV #	70
58) STYRENE	15.706	104	197897	11.13 PPBV	84
59) NONANE	16.027	43	276338	11.32 PPBV	95
60) BROMOFORM	15.425	173	219526	10.36 PPBV #	35
62) 1,1,2,2-TETRACHLOROETHANE	15.812	83	314354	9.97 PPBV	98
63) ISOPROPYLBENZENE	16.471	105	485497	11.02 PPBV #	100
64) 2-CHLOROTOLUENE	17.019	91	408193	11.49 PPBV	88
65) 4-ETHYLTOLUENE	17.211	105	437413	8.76 PPBV	96
66) 1,3,5-TRIMETHYLBENZENE	17.293	105	452582	11.26 PPBV	88
67) 1,2,4-TRIMETHYLBENZENE	17.756	105	441776	9.34 PPBV	91
68) m-DICHLOROBENZENE	17.940	146	240117	10.11 PPBV	92
69) BENZYL CHLORIDE	17.919	91	304910	9.77 PPBV	95
70) p-DICHLOROBENZENE	18.017	146	214997	7.22 PPBV	95
71) o-DICHLOROBENZENE	18.404	146	217174	7.80 PPBV	93
72) HEXACHLOROBUTADIENE	20.798	225	119101	10.29 PPBV	97
73) 1,2,4-TRICHLOROBENZENE	20.304	180	74924	8.19 PPBV	100

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3914.D
Acq On : 5 Jul 2007 6:11 pm
Operator : PhilipB
Sample : ICV210-10 (M209)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 3 Sample Multiplier: 1

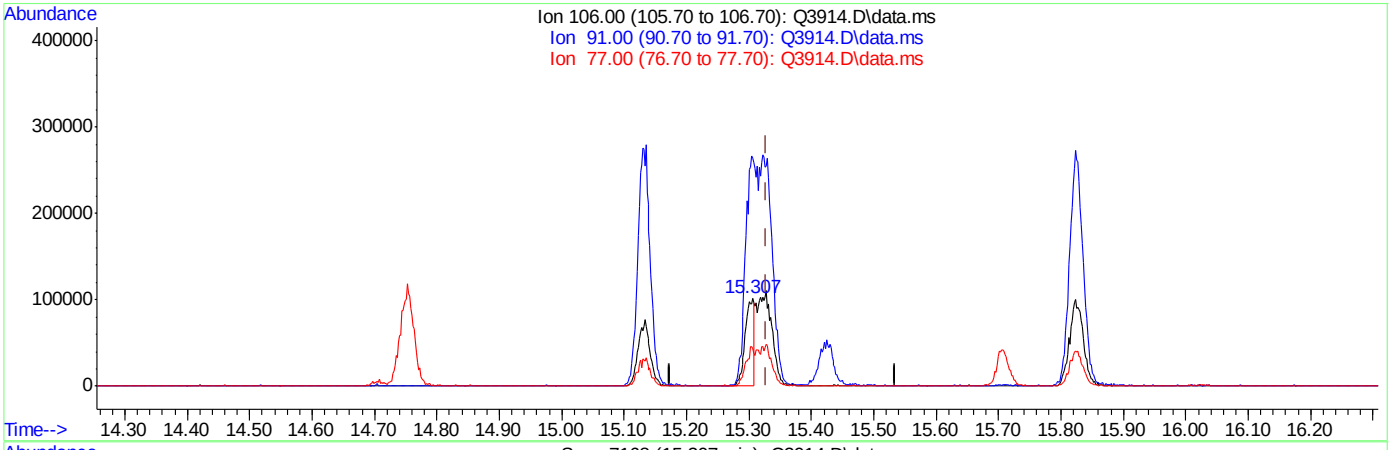
Quant Time: Jul 05 18:48:32 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration

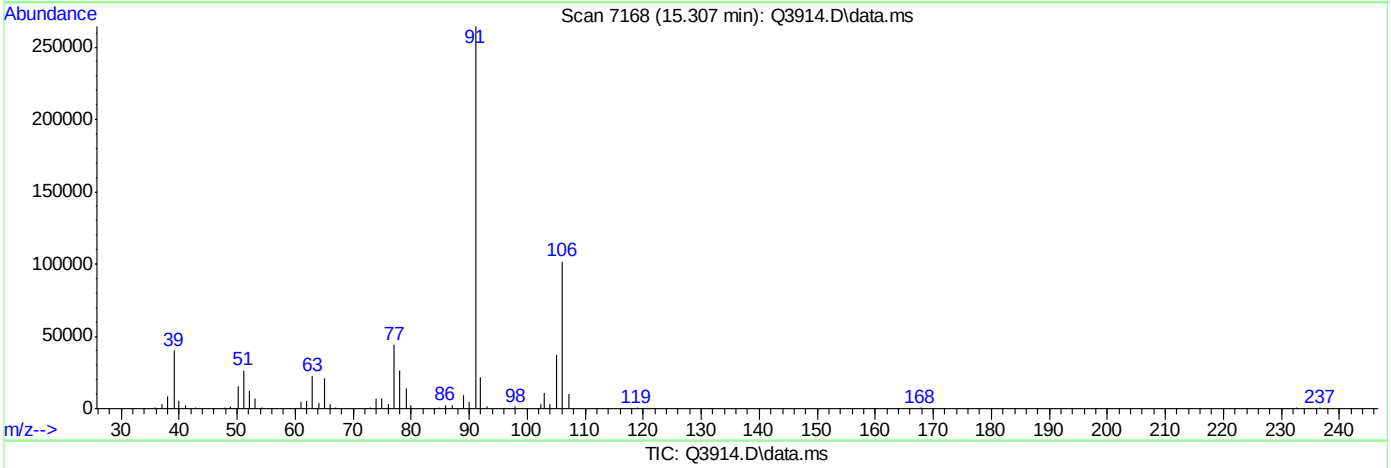


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3914.D
Acq On : 5 Jul 2007 6:11 pm
Operator : PhilipB
Sample : ICV210-10 (M209)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 05 18:48:18 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3914.D\data.ms

(56) m,p-XYLENE (m)

15.307min (-0.022) 7.32PPBV

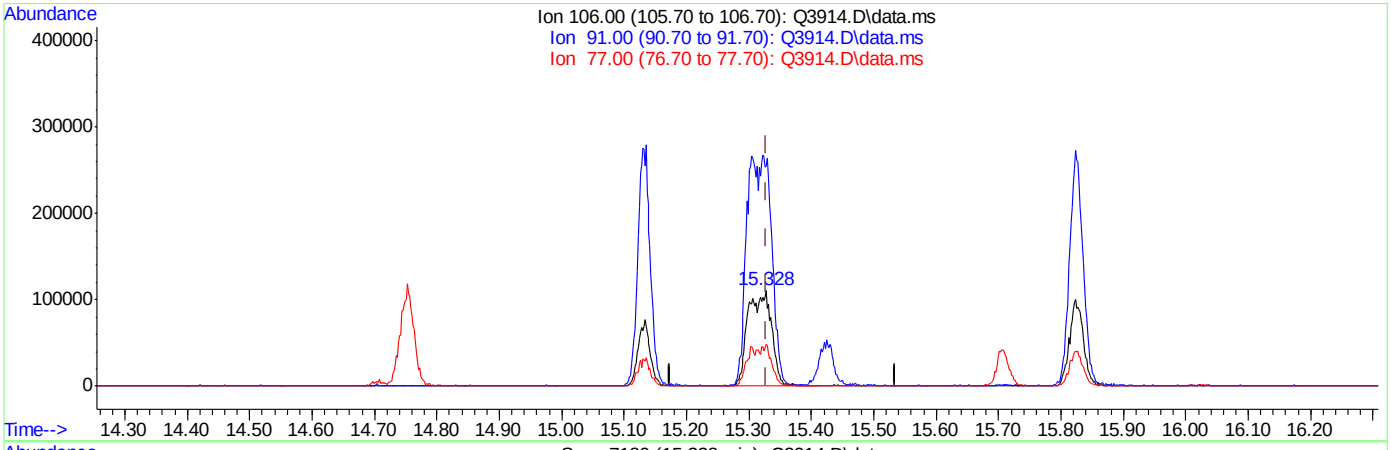
response 100212

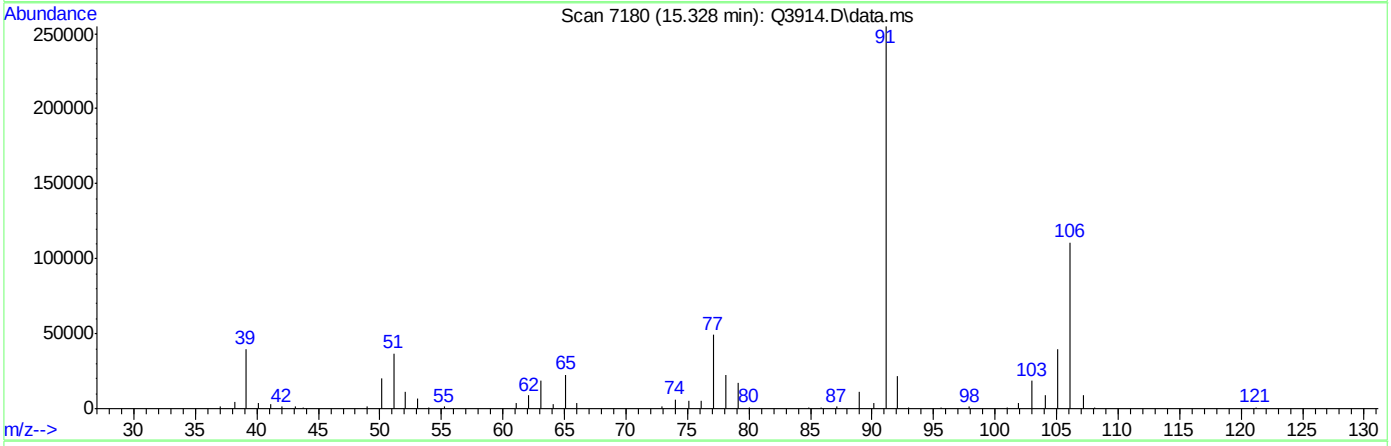
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	259.26#
77.00	27.30	43.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3914.D
Acq On : 5 Jul 2007 6:11 pm
Operator : PhilipB
Sample : ICV210-10 (M209)
Misc : MS13877, MSQ210,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 05 18:48:18 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration





TIC: Q3914.D\data.ms

(56) m,p-XYLENE (m)

15.328min (-0.001) 21.08PPBV m

response 288605

Ion	Exp%	Act%
106.00	100	100
91.00	201.30	230.02
77.00	27.30	44.33#
0.00	0.00	0.00

ACCUTEST Laboratories M66023

Standard Lot #	
Calib STD 1	MSA349
Calib STD 2	MSA350
ICV	MSA353
Inter/Surr STD	MSA218
BS/BSD	MSA343
NAP STD	MSA344

File ID	
Tune File 1	Q3622.D
Tune File 2	NA
Initial Cal.	6-5-07
ID FILE	Q060507T.M
Instrument ID	Q
ICAL:	3631.D
Column Type:	RTX-1
Sequence Verified By:	PB 6-6-07

Date:	6/5/2007
Analyst:	PHILIPB
Batch ID:	MSQ197
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	6/11/2007 10:33:36 AM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
Q3622	IC197-4	M142	MSA344	VTO15STD	1		1	NA	O.K.; BFB
Q3623	IC197-40	M109	MSA349	VTO15STD	2		1	NA	O.K.
Q3624	IC197-20	M109	MSA349	VTO15STD	2		1	NA	O.K.
Q3625	ICC197-10	M109	MSA349	VTO15STD	2		1	NA	O.K.
Q3626	IC197-5	M109	MSA349	VTO15STD	2		1	NA	O.K.
Q3627	IC197-2	M109	MSA349	VTO15STD	2		1	NA	O.K.
Q3628	IC197-.5	M122	MSA350	VTO15STD	3		1	NA	O.K.
Q3629	IC197-.2	M122	MSA350	VTO15STD	3		1	NA	O.K.
Q3630	ICV197-10	M021	MSA343	VTO15STD	4		1	NA	STD DEGRADED, MAKE NEW STD.
Q3631	ICV197-10	M179	MSA353	VTO15STD	4		1	NA	O.K.

Standard Lot #	
Calib STD 1	MSA349
Calib STD 2	MSA350
ICV	MSA353
Inter/Surr STD	MSA218
BS/BSD	MSA353
NAP STD	MSA344

File ID	
Tune File 1	Q3632.D
Tune File 2	NA
Initial Cal.	6-5-07
ID FILE	Q060507T.M
Instrument ID	Q
ICAL:	Q3633.D
Column Type:	RTX-1
Sequence Verified By:	PB 6-7-07

Date:	6/6/2007
Analyst:	PHILIPB
Batch ID:	MSQ198
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	6/11/2007 10:34:03 AM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
Q3632	CC197-10	M179	MSA353	VTO15STD	4		1	NA	O.K. BFB
Q3632A	BS	M179	MSA353	VTO15STD	4		1	NA	O.K.
Q3633	MB	M026	MS13699	VTO15STD	5		1	NA	O.K.
Q3633A	M65337-1	M026	MS13699	VTO15STD	5		1	NA	Cert. Blank (CP428)
Q3634	M65072-1	M087	MS13699	VTO15STD	6		10	MC069	Re-run 5X
Q3635	M65072-1	M087	MS13699	VTO15STD	6		5	MC069	O.K.
Q3636	M65072-1DUP	M087	MS13699	VTO15STD	6		5	MC069	O.K.
Q3637	M65136-3	M171	MS13699	VTO15STD	7		1	NA	O.K.
Q3638	M65136-2	M160	MS13699	VTO15STD	8		1	MC037	O.K.
Q3639	M65136-1	M132	MS13699	VTO15STD	9		1	MC033	O.K.
Q3640	M65137-1	M127	MS13699	VTO15STD	10		10	MC118	O.K.
Q3641	M65246-3	M013	MS13699	VTO15STD	11		20	MC013	O.K.
Q3642	M65337-2	M149	MS13699	VTO15STD	12		1	NA	O.K.
Q3643	M65230-2	M032	MS13699	VTO15STD	13		10	MC113	Re-run straight.
Q3644	M65230-2	M032	MS13699	VTO15STD	13		1	MC113	O.K.
Q3645	M65235-1	M190	MS13699	VTO15STD	14		20	NA	Dilution required due to matrix interference.
Q3646	M65235-2	M183	MS13699	VTO15STD	15		20	NA	Re-run 1000X, not reported
Q3647	BLK	M129	MS13699	VTO15STD	15		1	NA	Carryover.
Q3648	BLK	M129	MS13699	VTO15STD	15		1	NA	Carryover.
Q3649	BLK	M129	MS13699	VTO15STD	15		1	NA	Carryover.
Q3650	BLK	M129	MS13699	VTO15STD	15		1	NA	Carryover.
Q3651	BLK	M129	MS13699	VTO15STD	16		1	NA	Carryover.
Q3652	BLK	M129	MS13699	VTO15STD	15		1	NA	Carryover.
Q3653	BLK	M052	MS13699	VTO15STD	16		1	NA	Carryover.
Q3654	NAP STD	M142	MS13699	VTO15STD	1		1	NA	NA

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	MSA373
Calib STD 2	MSA374
ICV	MSA375
Inter/Surr STD	MSA218
BS/BSD	MSA375

File ID	
Tune File 1	Q3907.D
Tune File 2	NA
Initial Cal.	7-5-07
ID FILE	Q070507T.M
Instrument ID	Q
ICAL:	Q3914.D
Column Type:	RTX-1
Sequence Verified By:	PB 7-6-07

Date:	7/5/2007
Analyst:	PHILIPB
Batch ID:	MSQ210
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	7/11/2007 2:10:45 PM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
Q3906	BLK	M143	NA	VTO15STD	10		1	NA	ND
Q3907	IC210-40	M207	MSA373	VTO15STD	1		1	NA	O.K.; BFB
Q3908	IC210-20	M207	MSA373	VTO15STD	1		1	NA	O.K.
Q3909	IC210-10	M207	MSA373	VTO15STD	1		1	NA	O.K.
Q3910	IC210-5	M207	MSA373	VTO15STD	1		1	NA	O.K.
Q3911	IC210-2	M207	MSA373	VTO15STD	1		1	NA	O.K.
Q3912	IC210-.5	M214	MSA374	VTO15STD	2		1	NA	O.K.
Q3913	IC210-.2	M214	MSA374	VTO15STD	2		1	NA	O.K.
Q3914	ICV210-10	M209	MSA375	VTO15STD	3		1	NA	O.K.
Q3914A	BS	M209	MSA375	VTO15STD	3		1	NA	O.K.
Q3915	MB	M026	MS13893	VTO15STD	4		1	NA	O.K.
Q3915A	M65888-15	M026	MS13893	VTO15STD	4		1	NA	O.K.
Q3916	M66000-2	M020	MS13877	VTO15STD	4		1	MC104	O.K.
Q3917	M66023-1	M130	MS13877	VTO15STD	5		1	MC090	O.K.
Q3918	M66023-2	M149	MS13877	VTO15STD	7		1	MC055	O.K.
Q3919	M66024-1	M094	MS13877	VTO15STD	8		1	MC101	O.K.
Q3920	M66014-1	M045	MS13893	VTO15STD	11		1	NA	ISTD High; re-run
Q3921	M66014-1DUP	M045	MS13893	VTO15STD	11		1	NA	O.K.
Q3922	M66014-1	M045	MS13893	VTO15STD	11		20	NA	O.K.
Q3923	M65888-16	M055	MS13893	VTO15STD	6		1	NA	O.K.
Q3924	M65888-17	M052	MS13893	VTO15STD	8		1	NA	O.K.
Q3925	M65888-18	M143	MS13893	VTO15STD	10		1	NA	O.K.
Q3926	M66014-1	M045	MS13893	VTO15STD	11		1	NA	O.K.
Q3927	M65965-7	M104	MS13893	VTO15STD	12		10	MC102	Re-run 40X
Q3928	M65956-7	M104	MS13893	VTO15STD	12		40	MC102	Report with Q3927.D
Q3929	M66017-20	M003	MS13893	VTO15STD	13		1	NA	O.K.
Q3930	M66017-21	M028	MS13893	VTO15STD	14		1	NA	O.K.