New England ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

10/11/07

Technical Report for

GEI Consultants, Inc.

GEI Tufts Street Somerville MA

045162

Accutest Job Number: M68147

Sampling Date: 09/29/07

Report to:

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

ATTN: Raymond Siegener, Ph.D.

Total number of pages in report: **523**

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: M68147

GEI Tufts Street Somerville MA
Project No: 045162

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
M68147-1	09/29/07	12:16	SLS	10/02/07	AIR	Air	045162-97FRAN-1
M68147-2	09/29/07	12:18	SLS	10/02/07	AIR	Air	045162-97FRAN-B

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	GEI Consultants, Inc.	**Job No**	M68147
Site:	GEI Tufts Street Somerville MA	**Report Date**	10/9/2007 3:32:22 PM

2 Sample(s) were collected on 09/29/2007 and were received at Accutest on 10/02/2007. These Samples received an Accutest job number of M68147. 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:** MSQ248

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M68147-1DUP were used as the QC samples indicated.
- MSQ248-BS for 1,1,2,2-Tetrachloroethane: Outside control limits. Associated samples are non-detect for this compound.
- Continuing calibration check standard for 1,1,2,2-Tetrachloroethane is outside criteria (response bias high). Associated samples are non-detect for this compound.

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(M68147).

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-97FRAN-1		
Lab Sample ID:	M68147-1	**Date Sampled:**	09/29/07
Matrix:	AIR - Air Summa ID: M222	**Date Received:**	10/02/07
Method:	TO-15	**Percent Solids:**	n/a
Project:	GEI Tufts Street Somerville MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q4821.D	1	10/04/07	DFT	n/a	n/a	MSQ248
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	95%		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:	045162-97FRAN-B		
Lab Sample ID:	M68147-2	**Date Sampled:**	09/29/07
Matrix:	AIR - Air Summa ID: M052	**Date Received:**	10/02/07
Method:	TO-15	**Percent Solids:**	n/a
Project:	GEI Tufts Street Somerville MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q4823.D	1	10/04/07	DFT	n/a	n/a	MSQ248
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	88%		57-139%

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

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

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

ACCUTEST Laboratories

CHAIN OF CUSTODY

Air Sampling Field Data Sheet

FED-EX Tracking #: | Bottle Order Control #: | Lab Quote #: | Lab Job #: M68147

PAGE ___ OF ___

Client / Reporting Information

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

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

Weather Parameters

Temperature (Fahrenheit)
Start: 62.4 Maximum:
Stop: Minimum:
Atmospheric Pressure (inches of Hg)
Start: 30.18 Maximum:
Stop: Minimum:
Other weather comment:

Requested Analysis

Lab Sample #	Field ID / Point of Collection	Air Type: Indoor(I) Soil 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
M68147 -1	045162-97Fran-1	I	M222	6L	MC036	9.29.07	0809	30	72.3	SLS	9.29.07	1216	4.5	72.5	SLS		
-2	045162-97Fran-B	I	M052	6L	MC054	9.29.07	0814	31	71.6	SLS	9.29.07	1218	6	72.1	SLS		

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

Please see attached list of analytes.

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

Relinquished by Laboratory:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		1	2 GEI Lab	9.29.07 0730	2 Samantha Slater
3 Samantha Slater	9.29.07 1255	3 GEI Lab	4 GEI Lab Courier	10/2/07 1533	4 Willie Gaddy
5 Willie Gaddy	10/2/07 17:05	5 Willie Gaddy	Custody Seal #		

Ca Ambient

SM013-01 (2/14/06)

4.1

4

M68147: Chain of Custody
Page 1 of 2

Indoor Air Sampling Analyte List

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

Summa Canister and Flow Controller Log

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA
Received: 10/02/07

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
M222	6	29.4	07/12/07	DFT	CP442	J10883.D	M68147-1	10/04/07	DFT	3.2			1
M052	6	29.4	07/12/07	DFT	CP437	Q3925.D	M68147-2	10/04/07	DFT	4.2			1

FLOW CONTROLLERS

Shipping					Receiving		
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min
MC036	08/21/07	DFT	20	4	10/04/07	DFT	20.4
MC054	08/21/07	DFT	20	4	10/04/07	DFT	20.4

Accutest Bottle Order(s):
DT/GEI/8-21-07/TUFTS ST
GEI/7-12-07/TUFTS ST

Prep Date	Room Temp(F)	Bar Pres "Hg
07/12/07	70	29.92

Internal Sample Tracking Chronicle

GEI Consultants, Inc.

Job No: M68147

GEI Tufts Street Somerville MA
Project No: 045162

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M68147-1	Collected: 29-SEP-07 12:16	By: SLS	Received: 02-OCT-07	By:		
045162-97FRAN-1						
M68147-1	TO-15	04-OCT-07 19:17	DFT			VTO15STD
M68147-2	Collected: 29-SEP-07 12:18	By: SLS	Received: 02-OCT-07	By:		
045162-97FRAN-B						
M68147-2	TO-15	04-OCT-07 20:42	DFT			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: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ248-MB	Q4809.D	1	10/04/07	DFT	n/a	n/a	MSQ248

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

M68147-1, M68147-2

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	80%	57-139%

Method Blank Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street 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

MSQ210-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	76%	57-139%

Method Blank Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSJ562-MB	J10870.D	1	07/05/07	DFT	n/a	n/a	MSJ562

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

MSJ562-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	90%	57-139%

Blank Spike Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ248-BS	Q4807A.D	1	10/04/07	DFT	n/a	n/a	MSQ248

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

M68147-1, M68147-2

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	13.0	130	70-130
56-23-5	Carbon tetrachloride	10	9.7	97	70-130
75-34-3	1,1-Dichloroethane	10	10.3	103	70-130
75-35-4	1,1-Dichloroethylene	10	10.4	104	70-130
107-06-2	1,2-Dichloroethane	10	9.9	99	70-130
156-60-5	trans-1,2-Dichloroethylene	10	9.7	97	70-130
156-59-2	cis-1,2-Dichloroethylene	10	11.2	112	70-130
71-55-6	1,1,1-Trichloroethane	10	9.8	98	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	13.1	131* [a]	70-130
79-00-5	1,1,2-Trichloroethane	10	11.7	117	70-130
127-18-4	Tetrachloroethylene	10	11.7	117	70-130
79-01-6	Trichloroethylene	10	12.7	127	70-130
75-01-4	Vinyl chloride	10	12.4	124	70-130

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

(a) Outside control limits. Associated samples are non-detect for this compound.

Blank Spike Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSJ562-BS	J10868B.D	1	07/05/07	DFT	n/a	n/a	MSJ562

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

MSJ562-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	10.6	106	70-130
56-23-5	Carbon tetrachloride	10	10.3	103	70-130
75-34-3	1,1-Dichloroethane	10	10.3	103	70-130
75-35-4	1,1-Dichloroethylene	10	10.2	102	70-130
107-06-2	1,2-Dichloroethane	10	11.1	111	70-130
156-60-5	trans-1,2-Dichloroethylene	10	10.5	105	70-130
156-59-2	cis-1,2-Dichloroethylene	10	10.4	104	70-130
71-55-6	1,1,1-Trichloroethane	10	10.3	103	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	11.6	116	70-130
79-00-5	1,1,2-Trichloroethane	10	11.8	118	70-130
127-18-4	Tetrachloroethylene	10	11.5	115	70-130
79-01-6	Trichloroethylene	10	11.3	113	70-130
75-01-4	Vinyl chloride	10	10.5	105	70-130

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

Blank Spike Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street 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

MSQ210-SCC

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%

Duplicate Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M68147-1DUP	Q4822.D	1	10/04/07	DFT	n/a	n/a	MSQ248
M68147-1	Q4821.D	1	10/04/07	DFT	n/a	n/a	MSQ248

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

M68147-1, M68147-2

CAS No.	Compound	M68147-1 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	M68147-1	Limits
460-00-4	4-Bromofluorobenzene	96%	95%	57-139%

Summa Cleaning Certification

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ210-SCC	Q3924.D	1	07/06/07	PB	n/a	n/a	MSQ210

The QC reported here (Summa M052) applies to the following samples: **Method:** TO-15

Batch CP437 cleaned 06/25/07: M68147-2(M052)

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	77%	57-139%

Summa Cleaning Certification

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSJ562-SCC	J10881.D	1	07/06/07	DFT	n/a	n/a	MSJ562

The QC reported here (Summa M222) applies to the following samples: **Method:** TO-15

Batch CP442 cleaned 07/03/07: M68147-1(M222)

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	89%	57-139%

Instrument Performance Check (BFB)

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSJ562-BFB
Lab File ID: J10860.D
Instrument ID: GCMSJ
Injection Date: 07/05/07
Injection Time: 10:47

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	19975	21.6		Pass
75	30.0 - 66.0% of mass 95	48614	52.6		Pass
95	Base peak, 100% relative abundance	92470	100.0		Pass
96	5.0 - 9.0% of mass 95	6965	7.5		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	88639	95.9		Pass
175	4.0 - 9.0% of mass 174	4877	5.3	(5.5) [a]	Pass
176	93.0 - 101.0% of mass 174	84398	91.3	(95.2) [a]	Pass
177	5.0 - 9.0% of mass 176	5762	6.2	(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
MSJ562-IC562	J10860.D	07/05/07	10:47	00:00	Initial cal 0.5
MSJ562-IC562	J10861.D	07/05/07	11:40	00:53	Initial cal 0.2
MSJ562-IC562	J10863.D	07/05/07	13:26	02:39	Initial cal 40
MSJ562-IC562	J10864.D	07/05/07	14:22	03:35	Initial cal 20
MSJ562-ICC562	J10865.D	07/05/07	15:15	04:28	Initial cal 10
MSJ562-IC562	J10866.D	07/05/07	16:08	05:21	Initial cal 5
MSJ562-IC562	J10867.D	07/05/07	16:59	06:12	Initial cal 2
MSJ562-ICV562	J10868.D	07/05/07	17:56	07:09	Initial cal verification 10

Instrument Performance Check (BFB)

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSJ562-BFB
Lab File ID: J10868A.D
Instrument ID: GCMSJ
Injection Date: 07/05/07
Injection Time: 17:56

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	47380	20.7		Pass
75	30.0 - 66.0% of mass 95	114612	50.0		Pass
95	Base peak, 100% relative abundance	229440	100.0		Pass
96	5.0 - 9.0% of mass 95	17680	7.7		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	218688	95.3		Pass
175	4.0 - 9.0% of mass 174	10052	4.4	(4.6) [a]	Pass
176	93.0 - 101.0% of mass 174	212064	92.4	(97.0) [a]	Pass
177	5.0 - 9.0% of mass 176	14698	6.4	(6.9) [b]	Pass

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSJ562-CC562	J10868A.D	07/05/07	17:56	00:00	Continuing cal 10
MSJ562-BS	J10868B.D	07/05/07	17:56	00:00	Blank Spike
MSJ562-SCC	J10870A.D	07/05/07	19:53	01:57	Summa Cleaning Certification
MSJ562-MB	J10870.D	07/05/07	19:53	01:57	Method Blank
MSJ562-SCC	J10871.D	07/05/07	20:51	02:55	Summa Cleaning Certification
MSJ562-SCC	J10872.D	07/05/07	21:47	03:51	Summa Cleaning Certification
MSJ562-SCC	J10873.D	07/05/07	22:39	04:43	Summa Cleaning Certification
MSJ562-SCC	J10874.D	07/05/07	23:32	05:36	Summa Cleaning Certification
MSJ562-SCC	J10875.D	07/06/07	00:25	06:29	Summa Cleaning Certification
MSJ562-SCC	J10876.D	07/06/07	01:18	07:22	Summa Cleaning Certification
MSJ562-SCC	J10877.D	07/06/07	02:10	08:14	Summa Cleaning Certification
MSJ562-SCC	J10878.D	07/06/07	03:02	09:06	Summa Cleaning Certification
MSJ562-SCC	J10879.D	07/06/07	03:54	09:58	Summa Cleaning Certification
MSJ562-SCC	J10880.D	07/06/07	04:44	10:48	Summa Cleaning Certification
MSJ562-SCC	J10881.D	07/06/07	05:36	11:40	Summa Cleaning Certification
MSJ562-SCC	J10882.D	07/06/07	06:28	12:32	Summa Cleaning Certification
MSJ562-SCC	J10883.D	07/06/07	07:20	13:24	Summa Cleaning Certification
MSJ562-SCC	J10885.D	07/06/07	09:47	15:51	Summa Cleaning Certification
MSJ562-SCC	J10886.D	07/06/07	10:37	16:41	Summa Cleaning Certification
MSJ562-SCC	J10887.D	07/06/07	11:29	17:33	Summa Cleaning Certification
M65994-1	J10888.D	07/06/07	12:22	18:26	(used for QC only; not part of job M68147)
M65994-1	J10890.D	07/06/07	14:05	20:09	(used for QC only; not part of job M68147)
ZZZZZZ	J10891.D	07/06/07	14:57	21:01	(unrelated sample)
M65994-1DUP	J10892.D	07/06/07	15:47	21:51	Duplicate

Instrument Performance Check (BFB)

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street 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)
ZZZZZZ	Q3917.D	07/05/07	20:23	07:16	(unrelated sample)
ZZZZZZ	Q3918.D	07/05/07	21:07	08:00	(unrelated sample)
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 M68147)
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)

Instrument Performance Check (BFB)

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ246-BFB
Lab File ID: Q4765.D
Instrument ID: GCMSQ
Injection Date: 10/02/07
Injection Time: 08:59

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	42392	22.9		Pass
75	30.0 - 66.0% of mass 95	101469	54.7		Pass
95	Base peak, 100% relative abundance	185472	100.0		Pass
96	5.0 - 9.0% of mass 95	11563	6.2		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	160725	86.7		Pass
175	4.0 - 9.0% of mass 174	12257	6.6	(7.6) [a]	Pass
176	93.0 - 101.0% of mass 174	153642	82.8	(95.6) [a]	Pass
177	5.0 - 9.0% of mass 176	10287	5.5	(6.7) [b]	Pass

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSQ246-IC246	Q4765.D	10/02/07	08:59	00:00	Initial cal 0.5
MSQ246-IC246	Q4766.D	10/02/07	09:44	00:45	Initial cal 0.2
MSQ246-IC246	Q4767.D	10/02/07	10:27	01:28	Initial cal 40
MSQ246-ICC246	Q4771.D	10/02/07	13:16	04:17	Initial cal 10
MSQ246-IC246	Q4772.D	10/02/07	13:59	05:00	Initial cal 5
MSQ246-IC246	Q4773.D	10/02/07	14:42	05:43	Initial cal 2
MSQ246-IC246	Q4774.D	10/02/07	15:26	06:27	Initial cal 20

Instrument Performance Check (BFB)

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ248-BFB
Lab File ID: Q4807.D
Instrument ID: GCMSQ
Injection Date: 10/04/07
Injection Time: 09:10

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	67994	23.1		Pass
75	30.0 - 66.0% of mass 95	163072	55.3		Pass
95	Base peak, 100% relative abundance	294720	100.0		Pass
96	5.0 - 9.0% of mass 95	19485	6.6		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	249749	84.7		Pass
175	4.0 - 9.0% of mass 174	19997	6.8	(8.0) [a]	Pass
176	93.0 - 101.0% of mass 174	242986	82.4	(97.3) [a]	Pass
177	5.0 - 9.0% of mass 176	14916	5.1	(6.1) [b]	Pass

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSQ248-CC246	Q4807.D	10/04/07	09:10	00:00	Continuing cal 10
MSQ248-BS	Q4807A.D	10/04/07	09:10	00:00	Blank Spike
MSQ248-MB	Q4809.D	10/04/07	10:43	01:33	Method Blank
MSQ248-SCC	Q4809A.D	10/04/07	10:43	01:33	Summa Cleaning Certification
MSQ248-SCC	Q4810.D	10/04/07	11:28	02:18	Summa Cleaning Certification
MSQ248-SCC	Q4811.D	10/04/07	12:11	03:01	Summa Cleaning Certification
MSQ248-SCC	Q4812.D	10/04/07	12:53	03:43	Summa Cleaning Certification
MSQ248-SCC	Q4813.D	10/04/07	13:36	04:26	Summa Cleaning Certification
MSQ248-SCC	Q4814.D	10/04/07	14:18	05:08	Summa Cleaning Certification
MSQ248-SCC	Q4815.D	10/04/07	15:01	05:51	Summa Cleaning Certification
MSQ248-SCC	Q4816.D	10/04/07	15:44	06:34	Summa Cleaning Certification
MSQ248-SCC	Q4817.D	10/04/07	16:27	07:17	Summa Cleaning Certification
MSQ248-SCC	Q4818.D	10/04/07	17:09	07:59	Summa Cleaning Certification
M68147-1	Q4821.D	10/04/07	19:17	10:07	045162-97FRAN-1
M68147-1DUP	Q4822.D	10/04/07	19:59	10:49	Duplicate
M68147-2	Q4823.D	10/04/07	20:42	11:32	045162-97FRAN-B
ZZZZZZ	Q4824.D	10/04/07	21:23	12:13	(unrelated sample)
ZZZZZZ	Q4825.D	10/04/07	22:04	12:54	(unrelated sample)
ZZZZZZ	Q4826.D	10/04/07	22:46	13:36	(unrelated sample)
ZZZZZZ	Q4827.D	10/04/07	23:28	14:18	(unrelated sample)
ZZZZZZ	Q4828.D	10/05/07	00:09	14:59	(unrelated sample)

Volatile Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Check Std:	MSJ562-CC562	**Injection Date:**	07/05/07
Lab File ID:	J10868A.D	**Injection Time:**	17:56
Instrument ID:	GCMSJ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	347038	8.60	1501760	10.43	1335133	14.67
Upper Limit [a]	485853	8.93	2102464	10.76	1869186	15.00
Lower Limit [b]	208223	8.27	901056	10.10	801080	14.34

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSJ562-BS	347038	8.60	1501760	10.43	1335133	14.67
MSJ562-SCC	294344	8.61	1133134	10.42	969402	14.66
MSJ562-MB	294344	8.61	1133134	10.42	969402	14.66
MSJ562-SCC	294169	8.59	1114530	10.42	964213	14.66
MSJ562-SCC	329350	8.61	1354559	10.42	1181161	14.66
MSJ562-SCC	323703	8.60	1285820	10.42	1150732	14.66
MSJ562-SCC	280578	8.62	1016162	10.43	911895	14.67
MSJ562-SCC	327828	8.61	1276874	10.42	1150146	14.66
MSJ562-SCC	322604	8.62	1280014	10.43	1148696	14.66
MSJ562-SCC	322133	8.61	1258108	10.43	1127027	14.66
MSJ562-SCC	324117	8.60	1259480	10.42	1131688	14.66
MSJ562-SCC	295333	8.62	1105346	10.43	958091	14.66
MSJ562-SCC	326597	8.61	1277512	10.43	1140663	14.66
MSJ562-SCC	321143	8.61	1250061	10.43	1099502	14.66
MSJ562-SCC	326078	8.62	1269000	10.43	1117672	14.67
MSJ562-SCC	315751	8.60	1203042	10.42	1088013	14.66
MSJ562-SCC	329318	8.62	1279216	10.44	1161712	14.67
MSJ562-SCC	331649	8.62	1287275	10.43	1186205	14.67
MSJ562-SCC	334082	8.62	1294221	10.43	1156038	14.66
M65994-1	343201	8.62	1377355	10.44	1230677	14.67
M65994-1	346884	8.62	1444823	10.43	1339609	14.67
ZZZZZZ	322389	8.62	1282083	10.43	1124486	14.67
M65994-1DUP	313094	8.62	1185553	10.44	1101242	14.67

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

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

Volatile Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street 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
ZZZZZZ	78144	8.64	329326	10.47	274857	14.71
ZZZZZZ	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.

Volatile Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Check Std:	MSQ248-CC246	**Injection Date:**	10/04/07
Lab File ID:	Q4807.D	**Injection Time:**	09:10
Instrument ID:	GCMSQ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	318139	8.62	1403558	10.45	1205736	14.69
Upper Limit [a]	445395	8.95	1964981	10.78	1688030	15.02
Lower Limit [b]	190883	8.29	842135	10.12	723442	14.36

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSQ248-BS	318139	8.62	1403558	10.45	1205736	14.69
MSQ248-MB	274209	8.62	1179258	10.45	966258	14.69
MSQ248-SCC	274209	8.62	1179258	10.45	966258	14.69
MSQ248-SCC	272319	8.62	1080840	10.45	896728	14.69
MSQ248-SCC	264873	8.62	1192607	10.45	987361	14.69
MSQ248-SCC	266261	8.62	1187713	10.45	978480	14.69
MSQ248-SCC	274177	8.62	1245899	10.45	1030494	14.69
MSQ248-SCC	293948	8.62	1327193	10.45	1089877	14.70
MSQ248-SCC	286395	8.63	1266221	10.45	1041080	14.69
MSQ248-SCC	281614	8.62	1312888	10.45	1090442	14.69
MSQ248-SCC	283649	8.62	1256402	10.45	1001901	14.69
MSQ248-SCC	245793	8.62	990695	10.45	778107	14.69
M68147-1	320724	8.62	1423720	10.45	1210281	14.69
M68147-1DUP	362096	8.62	1588976	10.45	1312732	14.69
M68147-2	346357	8.62	1496658	10.45	1224755	14.69
ZZZZZZ	333978	8.62	1441702	10.45	1143248	14.69
ZZZZZZ	331154	8.62	1575164	10.45	1158913	14.69
ZZZZZZ	368892	8.63	1839587	10.46	1621531	14.70
ZZZZZZ	469136[c]	8.62	2311505[c]	10.45	2068916[c]	14.69
ZZZZZZ	443974[d]	8.62	2250614[d]	10.46	2090946[d]	14.70

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

(a) Upper Limit = +40% of check standard area; Retention time +0.33 minutes.
(b) Lower Limit = -40% of check standard area; Retention time -0.33 minutes.
(c) Outside control limits due to possible matrix interference. Confirmed by reanalysis.
(d) Outside control limits. Associated samples are non-detect for this compound.

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ562-IC562	J10860.D	07/05/07 10:47	DFT	0.5	GCMSJ	TO-15	Reporting this level
MSJ562-IC562	J10861.D	07/05/07 11:40	DFT	0.2	GCMSJ	TO-15	
MSJ562-IC562	J10863.D	07/05/07 13:26	DFT	40	GCMSJ	TO-15	
MSJ562-IC562	J10864.D	07/05/07 14:22	DFT	20	GCMSJ	TO-15	
MSJ562-ICC562	J10865.D	07/05/07 15:15	DFT	10	GCMSJ	TO-15	
MSJ562-IC562	J10866.D	07/05/07 16:08	DFT	5	GCMSJ	TO-15	
MSJ562-IC562	J10867.D	07/05/07 16:59	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.69	8.62	0.660	ok	0.658	0.598-0.718
1,3-Butadiene	4.58	8.62	0.531	ok	0.531	0.471-0.591
Benzene	10.12	10.44	0.969	ok	0.970	0.910-1.030
Bromodichloromethane	11.09	10.44	1.062	ok	1.062	1.002-1.122
Bromoform	15.39	14.67	1.049	ok	1.050	0.990-1.110
Bromomethane	4.86	8.62	0.564	ok	0.563	0.503-0.623
Bromoethene	5.38	8.62	0.624	ok	0.624	0.564-0.684
Benzyl Chloride	17.89	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.84	8.62	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.71	14.67	1.003	ok	1.003	0.943-1.063
Chloroethane	5.03	8.62	0.584	ok	0.583	0.523-0.643
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.23	8.62	0.491	ok	0.491	0.431-0.551
3-Chloropropene	6.66	8.62	0.773	ok	0.772	0.712-0.832
2-Chlorotoluene	16.98	14.67	1.157	ok	1.158	1.098-1.218
Carbon tetrachloride	10.25	8.62	1.189	ok	1.190	1.130-1.250
Cyclohexane	10.37	10.44	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.65	8.62	0.887	ok	0.887	0.827-0.947
1,1-Dichloroethylene	6.43	8.62	0.746	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.57	14.67	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.62	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.90	10.44	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.28	10.44	1.080	ok	1.074	1.014-1.134
Dichlorodifluoromethane	4.06	8.62	0.471	ok	0.472	0.412-0.532
Dibromochloromethane	13.32	14.67	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.45	8.62	0.864	ok	0.864	0.804-0.924
cis-1,2-Dichloroethylene	8.46	8.62	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.94	10.44	1.144	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.90	14.67	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.37	14.67	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.98	14.67	1.226	ok	1.226	1.166-1.286
trans-1,3-Dichloropropene	12.44	10.44	1.192	ok	1.193	1.133-1.253
Ethanol	5.32	8.62	0.617	ok	0.608	0.548-0.668
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.71	8.62	1.010	ok	1.010	0.950-1.070
4-Ethyltoluene	17.16	14.67	1.170	ok	1.170	1.110-1.230
Freon 113	6.79	8.62	0.788	ok	0.787	0.727-0.847
Freon 114	4.33	8.62	0.502	ok	0.501	0.441-0.561
Heptane	11.36	10.44	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.67	1.415	ok	1.415	1.355-1.475
Hexane	8.63	8.62	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ562-IC562	J10860.D	07/05/07 10:47	DFT	0.5	GCMSJ	TO-15	Reporting this level
MSJ562-IC562	J10861.D	07/05/07 11:40	DFT	0.2	GCMSJ	TO-15	
MSJ562-IC562	J10863.D	07/05/07 13:26	DFT	40	GCMSJ	TO-15	
MSJ562-IC562	J10864.D	07/05/07 14:22	DFT	20	GCMSJ	TO-15	
MSJ562-ICC562	J10865.D	07/05/07 15:15	DFT	10	GCMSJ	TO-15	
MSJ562-IC562	J10866.D	07/05/07 16:08	DFT	5	GCMSJ	TO-15	
MSJ562-IC562	J10867.D	07/05/07 16:59	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.20	14.67	0.900	ok	0.899	0.839-0.959
Isopropylbenzene	16.42	14.67	1.119	ok	1.120	1.060-1.180
Isopropyl Alcohol	6.07	8.62	0.704	ok	0.696	0.636-0.756
Methylene chloride	6.55	8.62	0.760	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.10	8.62	0.940	ok	0.939	0.879-0.999
Methyl Isobutyl Ketone	12.02	10.44	1.151	ok	1.151	1.091-1.211
Methyl Tert Butyl Ether	7.75	8.62	0.899	ok	0.898	0.838-0.958
Nonane	15.97	14.67	1.089	ok	1.088	1.028-1.148
Pentane	6.13	8.62	0.711	ok	0.711	0.651-0.771
Propylene	4.00	8.62	0.464	ok	0.464	0.404-0.524
Styrene	15.67	14.67	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.68	8.62	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.79	14.67	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.62	10.44	1.209	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.28	14.67	1.382	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.72	14.67	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.25	14.67	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.12	10.44	1.065	ok	1.066	1.006-1.126
Tertiary Butyl Alcohol	6.69	8.62	0.776	ok	0.767	0.707-0.827
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.23	8.62	1.071	ok	1.066	1.006-1.126
Toluene	12.88	10.44	1.234	ok	1.235	1.175-1.295
Trichloroethylene	11.11	10.44	1.064	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.79	8.62	0.672	ok	0.671	0.611-0.731
Vinyl chloride	4.45	8.62	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.81	8.62	0.906	ok	0.905	0.845-0.965
m,p-Xylene	15.27	14.67	1.041	ok	1.041	0.981-1.101
o-Xylene	15.78	14.67	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.62	8.29-8.95	309281	ok	333675	200205-467145
1,4-Difluorobenzene	10.44	ok	10.43	10.10-10.76	1310708	ok	1414039	848423-1979655
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	1115339	ok	1228766	737260-1720272

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ562-IC562	J10860.D	07/05/07 10:47	DFT	0.5	GCMSJ	TO-15	
MSJ562-IC562	J10861.D	07/05/07 11:40	DFT	0.2	GCMSJ	TO-15	Reporting this level
MSJ562-IC562	J10863.D	07/05/07 13:26	DFT	40	GCMSJ	TO-15	
MSJ562-IC562	J10864.D	07/05/07 14:22	DFT	20	GCMSJ	TO-15	
MSJ562-ICC562	J10865.D	07/05/07 15:15	DFT	10	GCMSJ	TO-15	
MSJ562-IC562	J10866.D	07/05/07 16:08	DFT	5	GCMSJ	TO-15	
MSJ562-IC562	J10867.D	07/05/07 16:59	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.70	8.61	0.662	ok	0.658	0.598-0.718
1,3-Butadiene	4.58	8.61	0.532	ok	0.531	0.471-0.591
Benzene	10.11	10.43	0.969	ok	0.970	0.910-1.030
Bromodichloromethane	11.08	10.43	1.062	ok	1.062	1.002-1.122
Bromoform	15.39	14.66	1.050	ok	1.050	0.990-1.110
Bromomethane	4.84	8.61	0.562	ok	0.563	0.503-0.623
Bromoethene	5.38	8.61	0.625	ok	0.624	0.564-0.684
Benzyl Chloride	17.89	14.66	1.220	ok	1.219	1.159-1.279
Carbon disulfide	6.84	8.61	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.71	14.66	1.003	ok	1.003	0.943-1.063
Chloroethane	5.02	8.61	0.583	ok	0.583	0.523-0.643
Chloroform	8.73	8.61	1.014	ok	1.014	0.954-1.074
Chloromethane	4.23	8.61	0.491	ok	0.491	0.431-0.551
Carbon tetrachloride	10.25	8.61	1.190	ok	1.190	1.130-1.250
1,1-Dichloroethane	7.65	8.61	0.889	ok	0.887	0.827-0.947
1,1-Dichloroethylene	6.42	8.61	0.746	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.56	14.66	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.44	8.61	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.89	10.43	1.044	ok	1.044	0.984-1.104
Dichlorodifluoromethane	4.06	8.61	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.32	14.66	0.909	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.46	8.61	0.866	ok	0.864	0.804-0.924
cis-1,2-Dichloroethylene	8.45	8.61	0.981	ok	0.981	0.921-1.041
m-Dichlorobenzene	17.91	14.66	1.222	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.37	14.66	1.253	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.98	14.66	1.226	ok	1.226	1.166-1.286
Ethyl Acetate	8.73	8.61	1.014	ok	1.010	0.950-1.070
Freon 113	6.78	8.61	0.787	ok	0.787	0.727-0.847
Freon 114	4.32	8.61	0.502	ok	0.501	0.441-0.561
Hexachlorobutadiene	20.76	14.66	1.416	ok	1.415	1.355-1.475
Hexane	8.62	8.61	1.001	ok	1.001	0.941-1.061
Methylene chloride	6.54	8.61	0.760	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.13	8.61	0.944	ok	0.939	0.879-0.999
Methyl Tert Butyl Ether	7.77	8.61	0.902	ok	0.898	0.838-0.958
Pentane	6.14	8.61	0.713	ok	0.711	0.651-0.771
Propylene	4.00	8.61	0.465	ok	0.464	0.404-0.524
1,1,1-Trichloroethane	9.67	8.61	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.79	14.66	1.077	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.62	10.43	1.210	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.27	14.66	1.383	ok	1.382	1.322-1.442
2,2,4-Trimethylpentane	11.12	10.43	1.066	ok	1.066	1.006-1.126

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ562-IC562	J10860.D	07/05/07 10:47	DFT	0.5	GCMSJ	TO-15	
MSJ562-IC562	J10861.D	07/05/07 11:40	DFT	0.2	GCMSJ	TO-15	Reporting this level
MSJ562-IC562	J10863.D	07/05/07 13:26	DFT	40	GCMSJ	TO-15	
MSJ562-IC562	J10864.D	07/05/07 14:22	DFT	20	GCMSJ	TO-15	
MSJ562-ICC562	J10865.D	07/05/07 15:15	DFT	10	GCMSJ	TO-15	
MSJ562-IC562	J10866.D	07/05/07 16:08	DFT	5	GCMSJ	TO-15	
MSJ562-IC562	J10867.D	07/05/07 16:59	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Tetrachloroethylene	14.01	14.66	0.956	ok	0.955	0.895-1.015
Trichloroethylene	11.10	10.43	1.064	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.79	8.61	0.672	ok	0.671	0.611-0.731
Vinyl chloride	4.44	8.61	0.516	ok	0.516	0.456-0.576
m,p-Xylene	15.25	14.66	1.040	ok	1.041	0.981-1.101

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.61	ok	8.62	8.29-8.95	314205	ok	333675	200205-467145
1,4-Difluorobenzene	10.43	ok	10.43	10.10-10.76	1315959	ok	1414039	848423-1979655
Chlorobenzene-D5	14.66	ok	14.67	14.34-15.00	1039945	ok	1228766	737260-1720272

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ562-IC562	J10860.D	07/05/07 10:47	DFT	0.5	GCMSJ	TO-15	
MSJ562-IC562	J10861.D	07/05/07 11:40	DFT	0.2	GCMSJ	TO-15	
MSJ562-IC562	J10863.D	07/05/07 13:26	DFT	40	GCMSJ	TO-15	Reporting this level
MSJ562-IC562	J10864.D	07/05/07 14:22	DFT	20	GCMSJ	TO-15	
MSJ562-ICC562	J10865.D	07/05/07 15:15	DFT	10	GCMSJ	TO-15	
MSJ562-IC562	J10866.D	07/05/07 16:08	DFT	5	GCMSJ	TO-15	
MSJ562-IC562	J10867.D	07/05/07 16:59	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.64	8.62	0.654	ok	0.658	0.598-0.718
1,3-Butadiene	4.57	8.62	0.530	ok	0.531	0.471-0.591
Benzene	10.13	10.45	0.969	ok	0.970	0.910-1.030
Bromodichloromethane	11.11	10.45	1.063	ok	1.062	1.002-1.122
Bromoform	15.44	14.70	1.050	ok	1.050	0.990-1.110
Bromomethane	4.85	8.62	0.563	ok	0.563	0.503-0.623
Bromoethene	5.37	8.62	0.623	ok	0.624	0.564-0.684
Benzyl Chloride	17.91	14.70	1.218	ok	1.219	1.159-1.279
Carbon disulfide	6.83	8.62	0.792	ok	0.794	0.734-0.854
Chlorobenzene	14.74	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.62	0.581	ok	0.583	0.523-0.643
Chloroform	8.75	8.62	1.015	ok	1.014	0.954-1.074
Chloromethane	4.23	8.62	0.491	ok	0.491	0.431-0.551
3-Chloropropene	6.65	8.62	0.771	ok	0.772	0.712-0.832
2-Chlorotoluene	17.01	14.70	1.157	ok	1.158	1.098-1.218
Carbon tetrachloride	10.26	8.62	1.190	ok	1.190	1.130-1.250
Cyclohexane	10.36	10.45	0.991	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.65	8.62	0.887	ok	0.887	0.827-0.947
1,1-Dichloroethylene	6.41	8.62	0.744	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.61	14.70	0.926	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.62	1.097	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.91	10.45	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.20	10.45	1.072	ok	1.074	1.014-1.134
Dichlorodifluoromethane	4.07	8.62	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.36	14.70	0.909	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.44	8.62	0.863	ok	0.864	0.804-0.924
cis-1,2-Dichloroethylene	8.45	8.62	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.95	10.45	1.144	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.93	14.70	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.39	14.70	1.251	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.00	14.70	1.224	ok	1.226	1.166-1.286
trans-1,3-Dichloropropene	12.47	10.45	1.193	ok	1.193	1.133-1.253
Ethanol	5.23	8.62	0.607	ok	0.608	0.548-0.668
Ethylbenzene	15.12	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.70	8.62	1.009	ok	1.010	0.950-1.070
4-Ethyltoluene	17.19	14.70	1.169	ok	1.170	1.110-1.230
Freon 113	6.77	8.62	0.785	ok	0.787	0.727-0.847
Freon 114	4.32	8.62	0.501	ok	0.501	0.441-0.561
Heptane	11.37	10.45	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.70	1.412	ok	1.415	1.355-1.475
Hexane	8.62	8.62	1.000	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ562-IC562	J10860.D	07/05/07 10:47	DFT	0.5	GCMSJ	TO-15	
MSJ562-IC562	J10861.D	07/05/07 11:40	DFT	0.2	GCMSJ	TO-15	
MSJ562-IC562	J10863.D	07/05/07 13:26	DFT	40	GCMSJ	TO-15	Reporting this level
MSJ562-IC562	J10864.D	07/05/07 14:22	DFT	20	GCMSJ	TO-15	
MSJ562-ICC562	J10865.D	07/05/07 15:15	DFT	10	GCMSJ	TO-15	
MSJ562-IC562	J10866.D	07/05/07 16:08	DFT	5	GCMSJ	TO-15	
MSJ562-IC562	J10867.D	07/05/07 16:59	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.21	14.70	0.899	ok	0.899	0.839-0.959
Isopropylbenzene	16.45	14.70	1.119	ok	1.120	1.060-1.180
Isopropyl Alcohol	6.04	8.62	0.701	ok	0.696	0.636-0.756
Methylene chloride	6.53	8.62	0.758	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.09	8.62	0.939	ok	0.939	0.879-0.999
Methyl Isobutyl Ketone	12.03	10.45	1.151	ok	1.151	1.091-1.211
Methyl Tert Butyl Ether	7.72	8.62	0.896	ok	0.898	0.838-0.958
Nonane	15.99	14.70	1.088	ok	1.088	1.028-1.148
Pentane	6.12	8.62	0.710	ok	0.711	0.651-0.771
Propylene	3.99	8.62	0.463	ok	0.464	0.404-0.524
Styrene	15.70	14.70	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.68	8.62	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.83	14.70	1.077	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.65	10.45	1.211	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.28	14.70	1.380	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.74	14.70	1.207	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.28	14.70	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.13	10.45	1.065	ok	1.066	1.006-1.126
Tertiary Butyl Alcohol	6.65	8.62	0.771	ok	0.767	0.707-0.827
Tetrachloroethylene	14.03	14.70	0.954	ok	0.955	0.895-1.015
Tetrahydrofuran	9.17	8.62	1.064	ok	1.066	1.006-1.126
Toluene	12.90	10.45	1.234	ok	1.235	1.175-1.295
Trichloroethylene	11.13	10.45	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.78	8.62	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.44	8.62	0.515	ok	0.516	0.456-0.576
Vinyl Acetate	7.80	8.62	0.905	ok	0.905	0.845-0.965
m,p-Xylene	15.31	14.70	1.041	ok	1.041	0.981-1.101
o-Xylene	15.82	14.70	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.62	8.29-8.95	350136	ok	333675	200205-467145
1,4-Difluorobenzene	10.45	ok	10.43	10.10-10.76	1441648	ok	1414039	848423-1979655
Chlorobenzene-D5	14.70	ok	14.67	14.34-15.00	1373333	ok	1228766	737260-1720272

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ562-IC562	J10860.D	07/05/07 10:47	DFT	0.5	GCMSJ	TO-15	
MSJ562-IC562	J10861.D	07/05/07 11:40	DFT	0.2	GCMSJ	TO-15	
MSJ562-IC562	J10863.D	07/05/07 13:26	DFT	40	GCMSJ	TO-15	
MSJ562-IC562	J10864.D	07/05/07 14:22	DFT	20	GCMSJ	TO-15	Reporting this level
MSJ562-ICC562	J10865.D	07/05/07 15:15	DFT	10	GCMSJ	TO-15	
MSJ562-IC562	J10866.D	07/05/07 16:08	DFT	5	GCMSJ	TO-15	
MSJ562-IC562	J10867.D	07/05/07 16:59	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.63	8.60	0.655	ok	0.658	0.598-0.718
1,3-Butadiene	4.57	8.60	0.531	ok	0.531	0.471-0.591
Benzene	10.11	10.43	0.969	ok	0.970	0.910-1.030
Bromodichloromethane	11.08	10.43	1.062	ok	1.062	1.002-1.122
Bromoform	15.42	14.68	1.050	ok	1.050	0.990-1.110
Bromomethane	4.84	8.60	0.563	ok	0.563	0.503-0.623
Bromoethene	5.36	8.60	0.623	ok	0.624	0.564-0.684
Benzyl Chloride	17.90	14.68	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.82	8.60	0.793	ok	0.794	0.734-0.854
Chlorobenzene	14.72	14.68	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.60	0.583	ok	0.583	0.523-0.643
Chloroform	8.73	8.60	1.015	ok	1.014	0.954-1.074
Chloromethane	4.22	8.60	0.491	ok	0.491	0.431-0.551
3-Chloropropene	6.63	8.60	0.771	ok	0.772	0.712-0.832
2-Chlorotoluene	16.99	14.68	1.157	ok	1.158	1.098-1.218
Carbon tetrachloride	10.24	8.60	1.191	ok	1.190	1.130-1.250
Cyclohexane	10.35	10.43	0.992	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.63	8.60	0.887	ok	0.887	0.827-0.947
1,1-Dichloroethylene	6.40	8.60	0.744	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.58	14.68	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.44	8.60	1.098	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.89	10.43	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.17	10.43	1.071	ok	1.074	1.014-1.134
Dichlorodifluoromethane	4.06	8.60	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.34	14.68	0.909	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.43	8.60	0.864	ok	0.864	0.804-0.924
cis-1,2-Dichloroethylene	8.44	8.60	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.93	10.43	1.144	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.91	14.68	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.38	14.68	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.99	14.68	1.225	ok	1.226	1.166-1.286
trans-1,3-Dichloropropene	12.45	10.43	1.194	ok	1.193	1.133-1.253
Ethanol	5.21	8.60	0.606	ok	0.608	0.548-0.668
Ethylbenzene	15.10	14.68	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.68	8.60	1.009	ok	1.010	0.950-1.070
4-Ethyltoluene	17.18	14.68	1.170	ok	1.170	1.110-1.230
Freon 113	6.76	8.60	0.786	ok	0.787	0.727-0.847
Freon 114	4.31	8.60	0.501	ok	0.501	0.441-0.561
Heptane	11.35	10.43	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.68	1.414	ok	1.415	1.355-1.475
Hexane	8.61	8.60	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ562-IC562	J10860.D	07/05/07 10:47	DFT	0.5	GCMSJ	TO-15	
MSJ562-IC562	J10861.D	07/05/07 11:40	DFT	0.2	GCMSJ	TO-15	
MSJ562-IC562	J10863.D	07/05/07 13:26	DFT	40	GCMSJ	TO-15	
MSJ562-IC562	J10864.D	07/05/07 14:22	DFT	20	GCMSJ	TO-15	Reporting this level
MSJ562-ICC562	J10865.D	07/05/07 15:15	DFT	10	GCMSJ	TO-15	
MSJ562-IC562	J10866.D	07/05/07 16:08	DFT	5	GCMSJ	TO-15	
MSJ562-IC562	J10867.D	07/05/07 16:59	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.18	14.68	0.898	ok	0.899	0.839-0.959
Isopropylbenzene	16.44	14.68	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.97	8.60	0.694	ok	0.696	0.636-0.756
Methylene chloride	6.52	8.60	0.758	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.06	8.60	0.937	ok	0.939	0.879-0.999
Methyl Isobutyl Ketone	12.00	10.43	1.151	ok	1.151	1.091-1.211
Methyl Tert Butyl Ether	7.70	8.60	0.895	ok	0.898	0.838-0.958
Nonane	15.98	14.68	1.089	ok	1.088	1.028-1.148
Pentane	6.11	8.60	0.710	ok	0.711	0.651-0.771
Propylene	3.99	8.60	0.464	ok	0.464	0.404-0.524
Styrene	15.68	14.68	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.67	8.60	1.124	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.81	14.68	1.077	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.63	10.43	1.211	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.27	14.68	1.381	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.73	14.68	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.27	14.68	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.11	10.43	1.065	ok	1.066	1.006-1.126
Tertiary Butyl Alcohol	6.57	8.60	0.764	ok	0.767	0.707-0.827
Tetrachloroethylene	14.01	14.68	0.954	ok	0.955	0.895-1.015
Tetrahydrofuran	9.15	8.60	1.064	ok	1.066	1.006-1.126
Toluene	12.89	10.43	1.236	ok	1.235	1.175-1.295
Trichloroethylene	11.11	10.43	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.77	8.60	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.44	8.60	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.78	8.60	0.905	ok	0.905	0.845-0.965
m,p-Xylene	15.29	14.68	1.042	ok	1.041	0.981-1.101
o-Xylene	15.80	14.68	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.60	ok	8.62	8.29-8.95	365307	ok	333675	200205-467145
1,4-Difluorobenzene	10.43	ok	10.43	10.10-10.76	1518441	ok	1414039	848423-1979655
Chlorobenzene-D5	14.68	ok	14.67	14.34-15.00	1386139	ok	1228766	737260-1720272

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ562-IC562	J10860.D	07/05/07 10:47	DFT	0.5	GCMSJ	TO-15	
MSJ562-IC562	J10861.D	07/05/07 11:40	DFT	0.2	GCMSJ	TO-15	
MSJ562-IC562	J10863.D	07/05/07 13:26	DFT	40	GCMSJ	TO-15	
MSJ562-IC562	J10864.D	07/05/07 14:22	DFT	20	GCMSJ	TO-15	
MSJ562-ICC562	J10865.D	07/05/07 15:15	DFT	10	GCMSJ	TO-15	Reporting this level
MSJ562-IC562	J10866.D	07/05/07 16:08	DFT	5	GCMSJ	TO-15	
MSJ562-IC562	J10867.D	07/05/07 16:59	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.65	8.62	0.655	ok	0.658	0.598-0.718
1,3-Butadiene	4.58	8.62	0.531	ok	0.531	0.471-0.591
Benzene	10.11	10.43	0.969	ok	0.970	0.910-1.030
Bromodichloromethane	11.08	10.43	1.062	ok	1.062	1.002-1.122
Bromoform	15.41	14.67	1.050	ok	1.050	0.990-1.110
Bromomethane	4.85	8.62	0.563	ok	0.563	0.503-0.623
Bromoethene	5.37	8.62	0.623	ok	0.624	0.564-0.684
Benzyl Chloride	17.89	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.84	8.62	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.72	14.67	1.003	ok	1.003	0.943-1.063
Chloroethane	5.02	8.62	0.582	ok	0.583	0.523-0.643
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.23	8.62	0.491	ok	0.491	0.431-0.551
3-Chloropropene	6.65	8.62	0.771	ok	0.772	0.712-0.832
2-Chlorotoluene	16.99	14.67	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.25	8.62	1.189	ok	1.190	1.130-1.250
Cyclohexane	10.36	10.43	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.64	8.62	0.886	ok	0.887	0.827-0.947
1,1-Dichloroethylene	6.41	8.62	0.744	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.57	14.67	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.44	8.62	1.095	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.89	10.43	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.17	10.43	1.071	ok	1.074	1.014-1.134
Dichlorodifluoromethane	4.07	8.62	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.33	14.67	0.909	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.44	8.62	0.863	ok	0.864	0.804-0.924
cis-1,2-Dichloroethylene	8.45	8.62	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.93	10.43	1.144	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.91	14.67	1.221	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.37	14.67	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.99	14.67	1.226	ok	1.226	1.166-1.286
trans-1,3-Dichloropropene	12.44	10.43	1.193	ok	1.193	1.133-1.253
Ethanol	5.22	8.62	0.606	ok	0.608	0.548-0.668
Ethylbenzene	15.10	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.69	8.62	1.008	ok	1.010	0.950-1.070
4-Ethyltoluene	17.17	14.67	1.170	ok	1.170	1.110-1.230
Freon 113	6.77	8.62	0.785	ok	0.787	0.727-0.847
Freon 114	4.32	8.62	0.501	ok	0.501	0.441-0.561
Heptane	11.36	10.43	1.089	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.67	1.415	ok	1.415	1.355-1.475
Hexane	8.62	8.62	1.000	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ562-IC562	J10860.D	07/05/07 10:47	DFT	0.5	GCMSJ	TO-15	
MSJ562-IC562	J10861.D	07/05/07 11:40	DFT	0.2	GCMSJ	TO-15	
MSJ562-IC562	J10863.D	07/05/07 13:26	DFT	40	GCMSJ	TO-15	
MSJ562-IC562	J10864.D	07/05/07 14:22	DFT	20	GCMSJ	TO-15	
MSJ562-ICC562	J10865.D	07/05/07 15:15	DFT	10	GCMSJ	TO-15	Reporting this level
MSJ562-IC562	J10866.D	07/05/07 16:08	DFT	5	GCMSJ	TO-15	
MSJ562-IC562	J10867.D	07/05/07 16:59	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.18	14.67	0.898	ok	0.899	0.839-0.959
Isopropylbenzene	16.43	14.67	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.97	8.62	0.693	ok	0.696	0.636-0.756
Methylene chloride	6.53	8.62	0.758	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.07	8.62	0.936	ok	0.939	0.879-0.999
Methyl Isobutyl Ketone	12.00	10.43	1.151	ok	1.151	1.091-1.211
Methyl Tert Butyl Ether	7.72	8.62	0.896	ok	0.898	0.838-0.958
Nonane	15.97	14.67	1.089	ok	1.088	1.028-1.148
Pentane	6.13	8.62	0.711	ok	0.711	0.651-0.771
Propylene	4.00	8.62	0.464	ok	0.464	0.404-0.524
Styrene	15.68	14.67	1.069	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.67	8.62	1.122	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.80	14.67	1.077	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.63	10.43	1.211	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.27	14.67	1.382	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.72	14.67	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.26	14.67	1.177	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.12	10.43	1.066	ok	1.066	1.006-1.126
Tertiary Butyl Alcohol	6.57	8.62	0.762	ok	0.767	0.707-0.827
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.17	8.62	1.064	ok	1.066	1.006-1.126
Toluene	12.89	10.43	1.236	ok	1.235	1.175-1.295
Trichloroethylene	11.11	10.43	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.78	8.62	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.45	8.62	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.79	8.62	0.904	ok	0.905	0.845-0.965
m,p-Xylene	15.28	14.67	1.042	ok	1.041	0.981-1.101
o-Xylene	15.79	14.67	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.62	8.29-8.95	357730	ok	333675	200205-467145
1,4-Difluorobenzene	10.43	ok	10.43	10.10-10.76	1553136	ok	1414039	848423-1979655
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	1367583	ok	1228766	737260-1720272

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ562-IC562	J10860.D	07/05/07 10:47	DFT	0.5	GCMSJ	TO-15	
MSJ562-IC562	J10861.D	07/05/07 11:40	DFT	0.2	GCMSJ	TO-15	
MSJ562-IC562	J10863.D	07/05/07 13:26	DFT	40	GCMSJ	TO-15	
MSJ562-IC562	J10864.D	07/05/07 14:22	DFT	20	GCMSJ	TO-15	
MSJ562-ICC562	J10865.D	07/05/07 15:15	DFT	10	GCMSJ	TO-15	
MSJ562-IC562	J10866.D	07/05/07 16:08	DFT	5	GCMSJ	TO-15	Reporting this level
MSJ562-IC562	J10867.D	07/05/07 16:59	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.66	8.62	0.657	ok	0.658	0.598-0.718
1,3-Butadiene	4.58	8.62	0.531	ok	0.531	0.471-0.591
Benzene	10.12	10.43	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.08	10.43	1.062	ok	1.062	1.002-1.122
Bromoform	15.40	14.67	1.050	ok	1.050	0.990-1.110
Bromomethane	4.85	8.62	0.563	ok	0.563	0.503-0.623
Bromoethene	5.38	8.62	0.624	ok	0.624	0.564-0.684
Benzyl Chloride	17.89	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.84	8.62	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.71	14.67	1.003	ok	1.003	0.943-1.063
Chloroethane	5.02	8.62	0.582	ok	0.583	0.523-0.643
Chloroform	8.73	8.62	1.013	ok	1.014	0.954-1.074
Chloromethane	4.23	8.62	0.491	ok	0.491	0.431-0.551
3-Chloropropene	6.65	8.62	0.771	ok	0.772	0.712-0.832
2-Chlorotoluene	16.98	14.67	1.157	ok	1.158	1.098-1.218
Carbon tetrachloride	10.25	8.62	1.189	ok	1.190	1.130-1.250
Cyclohexane	10.36	10.43	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.65	8.62	0.887	ok	0.887	0.827-0.947
1,1-Dichloroethylene	6.42	8.62	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.57	14.67	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.44	8.62	1.095	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.89	10.43	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.18	10.43	1.072	ok	1.074	1.014-1.134
Dichlorodifluoromethane	4.07	8.62	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.32	14.67	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.45	8.62	0.864	ok	0.864	0.804-0.924
cis-1,2-Dichloroethylene	8.45	8.62	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.93	10.43	1.144	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.90	14.67	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.37	14.67	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.98	14.67	1.226	ok	1.226	1.166-1.286
trans-1,3-Dichloropropene	12.44	10.43	1.193	ok	1.193	1.133-1.253
Ethanol	5.22	8.62	0.606	ok	0.608	0.548-0.668
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.69	8.62	1.008	ok	1.010	0.950-1.070
4-Ethyltoluene	17.16	14.67	1.170	ok	1.170	1.110-1.230
Freon 113	6.78	8.62	0.787	ok	0.787	0.727-0.847
Freon 114	4.32	8.62	0.501	ok	0.501	0.441-0.561
Heptane	11.35	10.43	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.67	1.415	ok	1.415	1.355-1.475
Hexane	8.63	8.62	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ562-IC562	J10860.D	07/05/07 10:47	DFT	0.5	GCMSJ	TO-15	
MSJ562-IC562	J10861.D	07/05/07 11:40	DFT	0.2	GCMSJ	TO-15	
MSJ562-IC562	J10863.D	07/05/07 13:26	DFT	40	GCMSJ	TO-15	
MSJ562-IC562	J10864.D	07/05/07 14:22	DFT	20	GCMSJ	TO-15	
MSJ562-ICC562	J10865.D	07/05/07 15:15	DFT	10	GCMSJ	TO-15	
MSJ562-IC562	J10866.D	07/05/07 16:08	DFT	5	GCMSJ	TO-15	Reporting this level
MSJ562-IC562	J10867.D	07/05/07 16:59	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.18	14.67	0.898	ok	0.899	0.839-0.959
Isopropylbenzene	16.43	14.67	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.95	8.62	0.690	ok	0.696	0.636-0.756
Methylene chloride	6.54	8.62	0.759	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.07	8.62	0.936	ok	0.939	0.879-0.999
Methyl Isobutyl Ketone	12.00	10.43	1.151	ok	1.151	1.091-1.211
Methyl Tert Butyl Ether	7.73	8.62	0.897	ok	0.898	0.838-0.958
Nonane	15.97	14.67	1.089	ok	1.088	1.028-1.148
Pentane	6.13	8.62	0.711	ok	0.711	0.651-0.771
Propylene	4.00	8.62	0.464	ok	0.464	0.404-0.524
Styrene	15.67	14.67	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.67	8.62	1.122	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.79	14.67	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.62	10.43	1.210	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.27	14.67	1.382	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.72	14.67	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.25	14.67	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.12	10.43	1.066	ok	1.066	1.006-1.126
Tertiary Butyl Alcohol	6.56	8.62	0.761	ok	0.767	0.707-0.827
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.18	8.62	1.065	ok	1.066	1.006-1.126
Toluene	12.88	10.43	1.235	ok	1.235	1.175-1.295
Trichloroethylene	11.11	10.43	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.79	8.62	0.672	ok	0.671	0.611-0.731
Vinyl chloride	4.45	8.62	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.79	8.62	0.904	ok	0.905	0.845-0.965
m,p-Xylene	15.28	14.67	1.042	ok	1.041	0.981-1.101
o-Xylene	15.78	14.67	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.62	8.29-8.95	308937	ok	333675	200205-467145
1,4-Difluorobenzene	10.43	ok	10.43	10.10-10.76	1344037	ok	1414039	848423-1979655
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	1158520	ok	1228766	737260-1720272

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ562-IC562	J10860.D	07/05/07 10:47	DFT	0.5	GCMSJ	TO-15	
MSJ562-IC562	J10861.D	07/05/07 11:40	DFT	0.2	GCMSJ	TO-15	
MSJ562-IC562	J10863.D	07/05/07 13:26	DFT	40	GCMSJ	TO-15	
MSJ562-IC562	J10864.D	07/05/07 14:22	DFT	20	GCMSJ	TO-15	
MSJ562-ICC562	J10865.D	07/05/07 15:15	DFT	10	GCMSJ	TO-15	
MSJ562-IC562	J10866.D	07/05/07 16:08	DFT	5	GCMSJ	TO-15	
MSJ562-IC562	J10867.D	07/05/07 16:59	DFT	2	GCMSJ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.69	8.62	0.660	ok	0.658	0.598-0.718
1,3-Butadiene	4.58	8.62	0.531	ok	0.531	0.471-0.591
Benzene	10.12	10.43	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.08	10.43	1.062	ok	1.062	1.002-1.122
Bromoform	15.39	14.67	1.049	ok	1.050	0.990-1.110
Bromomethane	4.86	8.62	0.564	ok	0.563	0.503-0.623
Bromoethene	5.39	8.62	0.625	ok	0.624	0.564-0.684
Benzyl Chloride	17.89	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.62	0.795	ok	0.794	0.734-0.854
Chlorobenzene	14.71	14.67	1.003	ok	1.003	0.943-1.063
Chloroethane	5.03	8.62	0.584	ok	0.583	0.523-0.643
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.24	8.62	0.492	ok	0.491	0.431-0.551
3-Chloropropene	6.66	8.62	0.773	ok	0.772	0.712-0.832
2-Chlorotoluene	16.98	14.67	1.157	ok	1.158	1.098-1.218
Carbon tetrachloride	10.25	8.62	1.189	ok	1.190	1.130-1.250
Cyclohexane	10.37	10.43	0.994	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.65	8.62	0.887	ok	0.887	0.827-0.947
1,1-Dichloroethylene	6.42	8.62	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.57	14.67	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.62	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.90	10.43	1.045	ok	1.044	0.984-1.104
1,4-Dioxane	11.22	10.43	1.076	ok	1.074	1.014-1.134
Dichlorodifluoromethane	4.06	8.62	0.471	ok	0.472	0.412-0.532
Dibromochloromethane	13.32	14.67	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.45	8.62	0.864	ok	0.864	0.804-0.924
cis-1,2-Dichloroethylene	8.45	8.62	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.93	10.43	1.144	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.90	14.67	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.37	14.67	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.98	14.67	1.226	ok	1.226	1.166-1.286
trans-1,3-Dichloropropene	12.44	10.43	1.193	ok	1.193	1.133-1.253
Ethanol	5.25	8.62	0.609	ok	0.608	0.548-0.668
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.71	8.62	1.010	ok	1.010	0.950-1.070
4-Ethyltoluene	17.16	14.67	1.170	ok	1.170	1.110-1.230
Freon 113	6.79	8.62	0.788	ok	0.787	0.727-0.847
Freon 114	4.32	8.62	0.501	ok	0.501	0.441-0.561
Heptane	11.36	10.43	1.089	ok	1.088	1.028-1.148
Hexane	8.63	8.62	1.001	ok	1.001	0.941-1.061
2-Hexanone	13.19	14.67	0.899	ok	0.899	0.839-0.959

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ562-IC562	J10860.D	07/05/07 10:47	DFT	0.5	GCMSJ	TO-15	
MSJ562-IC562	J10861.D	07/05/07 11:40	DFT	0.2	GCMSJ	TO-15	
MSJ562-IC562	J10863.D	07/05/07 13:26	DFT	40	GCMSJ	TO-15	
MSJ562-IC562	J10864.D	07/05/07 14:22	DFT	20	GCMSJ	TO-15	
MSJ562-ICC562	J10865.D	07/05/07 15:15	DFT	10	GCMSJ	TO-15	
MSJ562-IC562	J10866.D	07/05/07 16:08	DFT	5	GCMSJ	TO-15	
MSJ562-IC562	J10867.D	07/05/07 16:59	DFT	2	GCMSJ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Isopropylbenzene	16.42	14.67	1.119	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.98	8.62	0.694	ok	0.696	0.636-0.756
Methylene chloride	6.55	8.62	0.760	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.09	8.62	0.939	ok	0.939	0.879-0.999
Methyl Isobutyl Ketone	12.01	10.43	1.151	ok	1.151	1.091-1.211
Methyl Tert Butyl Ether	7.74	8.62	0.898	ok	0.898	0.838-0.958
Nonane	15.97	14.67	1.089	ok	1.088	1.028-1.148
Pentane	6.14	8.62	0.712	ok	0.711	0.651-0.771
Propylene	4.00	8.62	0.464	ok	0.464	0.404-0.524
Styrene	15.67	14.67	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.67	8.62	1.122	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.78	14.67	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.61	10.43	1.209	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.28	14.67	1.382	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.72	14.67	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.25	14.67	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.12	10.43	1.066	ok	1.066	1.006-1.126
Tertiary Butyl Alcohol	6.59	8.62	0.765	ok	0.767	0.707-0.827
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.21	8.62	1.068	ok	1.066	1.006-1.126
Toluene	12.88	10.43	1.235	ok	1.235	1.175-1.295
Trichloroethylene	11.11	10.43	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.79	8.62	0.672	ok	0.671	0.611-0.731
Vinyl chloride	4.45	8.62	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.80	8.62	0.905	ok	0.905	0.845-0.965
m,p-Xylene	15.28	14.67	1.042	ok	1.041	0.981-1.101
o-Xylene	15.78	14.67	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.62	8.29-8.95	330127	ok	333675	200205-467145
1,4-Difluorobenzene	10.43	ok	10.43	10.10-10.76	1414347	ok	1414039	848423-1979655
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	1160504	ok	1228766	737260-1720272

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street 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: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street 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: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street 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: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street 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: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street 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: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street 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: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street 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: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street 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: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street 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: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street 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: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street 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: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street 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: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street 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: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street 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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ246-IC246	Q4765.D	10/02/07 08:59	DFT	0.5	GCMSQ	TO-15	Reporting this level
MSQ246-IC246	Q4766.D	10/02/07 09:44	DFT	0.2	GCMSQ	TO-15	
MSQ246-IC246	Q4767.D	10/02/07 10:27	DFT	40	GCMSQ	TO-15	
MSQ246-ICC246	Q4771.D	10/02/07 13:16	DFT	10	GCMSQ	TO-15	
MSQ246-IC246	Q4772.D	10/02/07 13:59	DFT	5	GCMSQ	TO-15	
MSQ246-IC246	Q4773.D	10/02/07 14:42	DFT	2	GCMSQ	TO-15	
MSQ246-IC246	Q4774.D	10/02/07 15:26	DFT	20	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.60	8.62	0.650	ok	0.648	0.588-0.708
1,3-Butadiene	4.55	8.62	0.528	ok	0.528	0.468-0.588
Benzene	10.14	10.45	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.09	10.45	1.061	ok	1.062	1.002-1.122
Bromoform	15.41	14.69	1.049	ok	1.049	0.989-1.109
Bromomethane	4.83	8.62	0.560	ok	0.560	0.500-0.620
Bromoethene	5.36	8.62	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.91	14.69	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.62	0.795	ok	0.794	0.734-0.854
Chlorobenzene	14.74	14.69	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.62	0.581	ok	0.580	0.520-0.640
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.20	8.62	0.487	ok	0.486	0.426-0.546
3-Chloropropene	6.65	8.62	0.771	ok	0.771	0.711-0.831
2-Chlorotoluene	17.01	14.69	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.28	8.62	1.193	ok	1.193	1.133-1.253
Cyclohexane	10.40	10.45	0.995	ok	0.995	0.935-1.055
1,1-Dichloroethane	7.66	8.62	0.889	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.41	8.62	0.744	ok	0.744	0.684-0.804
1,2-Dibromoethane	13.58	14.69	0.924	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.62	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.91	10.45	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.14	10.45	1.066	ok	1.065	1.005-1.125
Dichlorodifluoromethane	4.03	8.62	0.468	ok	0.468	0.408-0.528
Dibromochloromethane	13.34	14.69	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.46	8.62	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.62	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.95	10.45	1.144	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.93	14.69	1.221	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.39	14.69	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.00	14.69	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.45	10.45	1.191	ok	1.191	1.131-1.251
Ethanol	5.11	8.62	0.593	ok	0.591	0.531-0.651
Ethylbenzene	15.11	14.69	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.66	8.62	1.005	ok	1.004	0.944-1.064
4-Ethyltoluene	17.20	14.69	1.171	ok	1.171	1.111-1.231
Freon 113	6.79	8.62	0.788	ok	0.788	0.728-0.848
Freon 114	4.29	8.62	0.498	ok	0.498	0.438-0.558
Heptane	11.39	10.45	1.090	ok	1.090	1.030-1.150
Hexachlorobutadiene	20.78	14.69	1.415	ok	1.415	1.355-1.475
Hexane	8.66	8.62	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ246-IC246	Q4765.D	10/02/07 08:59	DFT	0.5	GCMSQ	TO-15	Reporting this level
MSQ246-IC246	Q4766.D	10/02/07 09:44	DFT	0.2	GCMSQ	TO-15	
MSQ246-IC246	Q4767.D	10/02/07 10:27	DFT	40	GCMSQ	TO-15	
MSQ246-ICC246	Q4771.D	10/02/07 13:16	DFT	10	GCMSQ	TO-15	
MSQ246-IC246	Q4772.D	10/02/07 13:59	DFT	5	GCMSQ	TO-15	
MSQ246-IC246	Q4773.D	10/02/07 14:42	DFT	2	GCMSQ	TO-15	
MSQ246-IC246	Q4774.D	10/02/07 15:26	DFT	20	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.14	14.69	0.894	ok	0.894	0.834-0.954
Isopropylbenzene	16.45	14.69	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.84	8.62	0.677	ok	0.676	0.616-0.736
Methylene chloride	6.53	8.62	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.04	8.62	0.933	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.98	10.45	1.146	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.71	8.62	0.894	ok	0.893	0.833-0.953
Nonane	16.01	14.69	1.090	ok	1.090	1.030-1.150
Pentane	6.14	8.62	0.712	ok	0.711	0.651-0.771
Propylene	3.96	8.62	0.459	ok	0.459	0.399-0.519
Styrene	15.69	14.69	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.70	8.62	1.125	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.80	14.69	1.076	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.64	10.45	1.210	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.29	14.69	1.381	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.74	14.69	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.28	14.69	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.16	10.45	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.43	8.62	0.746	ok	0.745	0.685-0.805
Tetrachloroethylene	14.05	14.69	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.15	8.62	1.061	ok	1.060	1.000-1.120
Toluene	12.92	10.45	1.236	ok	1.236	1.176-1.296
Trichloroethylene	11.14	10.45	1.066	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.78	8.62	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.42	8.62	0.513	ok	0.512	0.452-0.572
Vinyl Acetate	7.78	8.62	0.903	ok	0.902	0.842-0.962
m,p-Xylene	15.30	14.69	1.042	ok	1.042	0.982-1.102
o-Xylene	15.81	14.69	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.62	8.29-8.95	213388	ok	250913	150548-351278
1,4-Difluorobenzene	10.45	ok	10.45	10.12-10.78	1013189	ok	1197389	718433-1676345
Chlorobenzene-D5	14.69	ok	14.69	14.36-15.02	853864	ok	1002792	601675-1403909

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ246-IC246	Q4765.D	10/02/07 08:59	DFT	0.5	GCMSQ	TO-15	
MSQ246-IC246	Q4766.D	10/02/07 09:44	DFT	0.2	GCMSQ	TO-15	Reporting this level
MSQ246-IC246	Q4767.D	10/02/07 10:27	DFT	40	GCMSQ	TO-15	
MSQ246-ICC246	Q4771.D	10/02/07 13:16	DFT	10	GCMSQ	TO-15	
MSQ246-IC246	Q4772.D	10/02/07 13:59	DFT	5	GCMSQ	TO-15	
MSQ246-IC246	Q4773.D	10/02/07 14:42	DFT	2	GCMSQ	TO-15	
MSQ246-IC246	Q4774.D	10/02/07 15:26	DFT	20	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.61	8.62	0.651	ok	0.648	0.588-0.708
1,3-Butadiene	4.56	8.62	0.529	ok	0.528	0.468-0.588
Benzene	10.14	10.45	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.10	10.45	1.062	ok	1.062	1.002-1.122
Bromoform	15.41	14.69	1.049	ok	1.049	0.989-1.109
Bromomethane	4.82	8.62	0.559	ok	0.560	0.500-0.620
Bromoethene	5.36	8.62	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.92	14.69	1.220	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.62	0.795	ok	0.794	0.734-0.854
Chlorobenzene	14.73	14.69	1.003	ok	1.003	0.943-1.063
Chloroethane	5.00	8.62	0.580	ok	0.580	0.520-0.640
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.20	8.62	0.487	ok	0.486	0.426-0.546
3-Chloropropene	6.65	8.62	0.771	ok	0.771	0.711-0.831
2-Chlorotoluene	17.00	14.69	1.157	ok	1.158	1.098-1.218
Carbon tetrachloride	10.28	8.62	1.193	ok	1.193	1.133-1.253
Cyclohexane	10.41	10.45	0.996	ok	0.995	0.935-1.055
1,1-Dichloroethane	7.65	8.62	0.887	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	8.62	0.745	ok	0.744	0.684-0.804
1,2-Dibromoethane	13.58	14.69	0.924	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.62	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.91	10.45	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.15	10.45	1.067	ok	1.065	1.005-1.125
Dichlorodifluoromethane	4.03	8.62	0.468	ok	0.468	0.408-0.528
Dibromochloromethane	13.34	14.69	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.46	8.62	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.45	8.62	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.95	10.45	1.144	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.93	14.69	1.221	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.39	14.69	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.00	14.69	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.45	10.45	1.191	ok	1.191	1.131-1.251
Ethanol	5.10	8.62	0.592	ok	0.591	0.531-0.651
Ethylbenzene	15.12	14.69	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.67	8.62	1.006	ok	1.004	0.944-1.064
4-Ethyltoluene	17.20	14.69	1.171	ok	1.171	1.111-1.231
Freon 113	6.80	8.62	0.789	ok	0.788	0.728-0.848
Freon 114	4.28	8.62	0.497	ok	0.498	0.438-0.558
Heptane	11.39	10.45	1.090	ok	1.090	1.030-1.150
Hexachlorobutadiene	20.79	14.69	1.415	ok	1.415	1.355-1.475
Hexane	8.66	8.62	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ246-IC246	Q4765.D	10/02/07 08:59	DFT	0.5	GCMSQ	TO-15	
MSQ246-IC246	Q4766.D	10/02/07 09:44	DFT	0.2	GCMSQ	TO-15	Reporting this level
MSQ246-IC246	Q4767.D	10/02/07 10:27	DFT	40	GCMSQ	TO-15	
MSQ246-ICC246	Q4771.D	10/02/07 13:16	DFT	10	GCMSQ	TO-15	
MSQ246-IC246	Q4772.D	10/02/07 13:59	DFT	5	GCMSQ	TO-15	
MSQ246-IC246	Q4773.D	10/02/07 14:42	DFT	2	GCMSQ	TO-15	
MSQ246-IC246	Q4774.D	10/02/07 15:26	DFT	20	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.15	14.69	0.895	ok	0.894	0.834-0.954
Isopropylbenzene	16.46	14.69	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.84	8.62	0.677	ok	0.676	0.616-0.736
Methylene chloride	6.53	8.62	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.04	8.62	0.933	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.98	10.45	1.146	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.71	8.62	0.894	ok	0.893	0.833-0.953
Nonane	16.01	14.69	1.090	ok	1.090	1.030-1.150
Pentane	6.13	8.62	0.711	ok	0.711	0.651-0.771
Propylene	3.96	8.62	0.459	ok	0.459	0.399-0.519
Styrene	15.69	14.69	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.70	8.62	1.125	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.81	14.69	1.076	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.63	10.45	1.209	ok	1.209	1.149-1.269
1,2,4-Trimethylbenzene	17.75	14.69	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.28	14.69	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.16	10.45	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.45	8.62	0.748	ok	0.745	0.685-0.805
Tetrachloroethylene	14.05	14.69	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.16	8.62	1.063	ok	1.060	1.000-1.120
Toluene	12.91	10.45	1.235	ok	1.236	1.176-1.296
Trichloroethylene	11.14	10.45	1.066	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.78	8.62	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.42	8.62	0.513	ok	0.512	0.452-0.572
Vinyl Acetate	7.79	8.62	0.904	ok	0.902	0.842-0.962
m,p-Xylene	15.30	14.69	1.042	ok	1.042	0.982-1.102
o-Xylene	15.81	14.69	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.62	8.29-8.95	231609	ok	250913	150548-351278
1,4-Difluorobenzene	10.45	ok	10.45	10.12-10.78	1099899	ok	1197389	718433-1676345
Chlorobenzene-D5	14.69	ok	14.69	14.36-15.02	889298	ok	1002792	601675-1403909

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ246-IC246	Q4765.D	10/02/07 08:59	DFT	0.5	GCMSQ	TO-15	
MSQ246-IC246	Q4766.D	10/02/07 09:44	DFT	0.2	GCMSQ	TO-15	
MSQ246-IC246	Q4767.D	10/02/07 10:27	DFT	40	GCMSQ	TO-15	Reporting this level
MSQ246-ICC246	Q4771.D	10/02/07 13:16	DFT	10	GCMSQ	TO-15	
MSQ246-IC246	Q4772.D	10/02/07 13:59	DFT	5	GCMSQ	TO-15	
MSQ246-IC246	Q4773.D	10/02/07 14:42	DFT	2	GCMSQ	TO-15	
MSQ246-IC246	Q4774.D	10/02/07 15:26	DFT	20	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.58	8.62	0.647	ok	0.648	0.588-0.708
1,3-Butadiene	4.55	8.62	0.528	ok	0.528	0.468-0.588
Benzene	10.14	10.45	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.10	10.45	1.062	ok	1.062	1.002-1.122
Bromoform	15.42	14.70	1.049	ok	1.049	0.989-1.109
Bromomethane	4.83	8.62	0.560	ok	0.560	0.500-0.620
Bromoethene	5.36	8.62	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.91	14.70	1.218	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.62	0.795	ok	0.794	0.734-0.854
Chlorobenzene	14.75	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	5.00	8.62	0.580	ok	0.580	0.520-0.640
Chloroform	8.75	8.62	1.015	ok	1.014	0.954-1.074
Chloromethane	4.19	8.62	0.486	ok	0.486	0.426-0.546
3-Chloropropene	6.65	8.62	0.771	ok	0.771	0.711-0.831
2-Chlorotoluene	17.01	14.70	1.157	ok	1.158	1.098-1.218
Carbon tetrachloride	10.28	8.62	1.193	ok	1.193	1.133-1.253
Cyclohexane	10.40	10.45	0.995	ok	0.995	0.935-1.055
1,1-Dichloroethane	7.66	8.62	0.889	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.41	8.62	0.744	ok	0.744	0.684-0.804
1,2-Dibromoethane	13.59	14.70	0.924	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.62	1.097	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.92	10.45	1.045	ok	1.044	0.984-1.104
1,4-Dioxane	11.13	10.45	1.065	ok	1.065	1.005-1.125
Dichlorodifluoromethane	4.03	8.62	0.468	ok	0.468	0.408-0.528
Dibromochloromethane	13.35	14.70	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.46	8.62	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.62	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.96	10.45	1.144	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.93	14.70	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.39	14.70	1.251	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.01	14.70	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.45	10.45	1.191	ok	1.191	1.131-1.251
Ethanol	5.09	8.62	0.590	ok	0.591	0.531-0.651
Ethylbenzene	15.12	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.66	8.62	1.005	ok	1.004	0.944-1.064
4-Ethyltoluene	17.20	14.70	1.170	ok	1.171	1.111-1.231
Freon 113	6.79	8.62	0.788	ok	0.788	0.728-0.848
Freon 114	4.29	8.62	0.498	ok	0.498	0.438-0.558
Heptane	11.40	10.45	1.091	ok	1.090	1.030-1.150
Hexachlorobutadiene	20.79	14.70	1.414	ok	1.415	1.355-1.475
Hexane	8.66	8.62	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ246-IC246	Q4765.D	10/02/07 08:59	DFT	0.5	GCMSQ	TO-15	
MSQ246-IC246	Q4766.D	10/02/07 09:44	DFT	0.2	GCMSQ	TO-15	
MSQ246-IC246	Q4767.D	10/02/07 10:27	DFT	40	GCMSQ	TO-15	Reporting this level
MSQ246-ICC246	Q4771.D	10/02/07 13:16	DFT	10	GCMSQ	TO-15	
MSQ246-IC246	Q4772.D	10/02/07 13:59	DFT	5	GCMSQ	TO-15	
MSQ246-IC246	Q4773.D	10/02/07 14:42	DFT	2	GCMSQ	TO-15	
MSQ246-IC246	Q4774.D	10/02/07 15:26	DFT	20	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.14	14.70	0.894	ok	0.894	0.834-0.954
Isopropylbenzene	16.46	14.70	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.82	8.62	0.675	ok	0.676	0.616-0.736
Methylene chloride	6.53	8.62	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.02	8.62	0.930	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.97	10.45	1.145	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.70	8.62	0.893	ok	0.893	0.833-0.953
Nonane	16.02	14.70	1.090	ok	1.090	1.030-1.150
Pentane	6.13	8.62	0.711	ok	0.711	0.651-0.771
Propylene	3.96	8.62	0.459	ok	0.459	0.399-0.519
Styrene	15.70	14.70	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.70	8.62	1.125	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.81	14.70	1.076	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.64	10.45	1.210	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.30	14.70	1.381	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.75	14.70	1.207	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.29	14.70	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.16	10.45	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.42	8.62	0.745	ok	0.745	0.685-0.805
Tetrachloroethylene	14.05	14.70	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.12	8.62	1.058	ok	1.060	1.000-1.120
Toluene	12.92	10.45	1.236	ok	1.236	1.176-1.296
Trichloroethylene	11.14	10.45	1.066	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.78	8.62	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.41	8.62	0.512	ok	0.512	0.452-0.572
Vinyl Acetate	7.78	8.62	0.903	ok	0.902	0.842-0.962
m,p-Xylene	15.32	14.70	1.042	ok	1.042	0.982-1.102
o-Xylene	15.82	14.70	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.62	8.29-8.95	267007	ok	250913	150548-351278
1,4-Difluorobenzene	10.45	ok	10.45	10.12-10.78	1353515	ok	1197389	718433-1676345
Chlorobenzene-D5	14.70	ok	14.69	14.36-15.02	1215502	ok	1002792	601675-1403909

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ246-IC246	Q4765.D	10/02/07 08:59	DFT	0.5	GCMSQ	TO-15	
MSQ246-IC246	Q4766.D	10/02/07 09:44	DFT	0.2	GCMSQ	TO-15	
MSQ246-IC246	Q4767.D	10/02/07 10:27	DFT	40	GCMSQ	TO-15	
MSQ246-ICC246	Q4771.D	10/02/07 13:16	DFT	10	GCMSQ	TO-15	Reporting this level
MSQ246-IC246	Q4772.D	10/02/07 13:59	DFT	5	GCMSQ	TO-15	
MSQ246-IC246	Q4773.D	10/02/07 14:42	DFT	2	GCMSQ	TO-15	
MSQ246-IC246	Q4774.D	10/02/07 15:26	DFT	20	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.58	8.62	0.647	ok	0.648	0.588-0.708
1,3-Butadiene	4.55	8.62	0.528	ok	0.528	0.468-0.588
Benzene	10.14	10.45	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.09	10.45	1.061	ok	1.062	1.002-1.122
Bromoform	15.41	14.69	1.049	ok	1.049	0.989-1.109
Bromomethane	4.83	8.62	0.560	ok	0.560	0.500-0.620
Bromoethene	5.36	8.62	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.90	14.69	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.62	0.795	ok	0.794	0.734-0.854
Chlorobenzene	14.74	14.69	1.003	ok	1.003	0.943-1.063
Chloroethane	4.99	8.62	0.579	ok	0.580	0.520-0.640
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.19	8.62	0.486	ok	0.486	0.426-0.546
3-Chloropropene	6.65	8.62	0.771	ok	0.771	0.711-0.831
2-Chlorotoluene	17.01	14.69	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.28	8.62	1.193	ok	1.193	1.133-1.253
Cyclohexane	10.40	10.45	0.995	ok	0.995	0.935-1.055
1,1-Dichloroethane	7.65	8.62	0.887	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.41	8.62	0.744	ok	0.744	0.684-0.804
1,2-Dibromoethane	13.59	14.69	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.62	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.91	10.45	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.12	10.45	1.064	ok	1.065	1.005-1.125
Dichlorodifluoromethane	4.03	8.62	0.468	ok	0.468	0.408-0.528
Dibromochloromethane	13.34	14.69	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.46	8.62	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.62	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.95	10.45	1.144	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.93	14.69	1.221	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.39	14.69	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.00	14.69	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.45	10.45	1.191	ok	1.191	1.131-1.251
Ethanol	5.08	8.62	0.589	ok	0.591	0.531-0.651
Ethylbenzene	15.12	14.69	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.65	8.62	1.003	ok	1.004	0.944-1.064
4-Ethyltoluene	17.20	14.69	1.171	ok	1.171	1.111-1.231
Freon 113	6.79	8.62	0.788	ok	0.788	0.728-0.848
Freon 114	4.29	8.62	0.498	ok	0.498	0.438-0.558
Heptane	11.40	10.45	1.091	ok	1.090	1.030-1.150
Hexachlorobutadiene	20.79	14.69	1.415	ok	1.415	1.355-1.475
Hexane	8.65	8.62	1.003	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ246-IC246	Q4765.D	10/02/07 08:59	DFT	0.5	GCMSQ	TO-15	
MSQ246-IC246	Q4766.D	10/02/07 09:44	DFT	0.2	GCMSQ	TO-15	
MSQ246-IC246	Q4767.D	10/02/07 10:27	DFT	40	GCMSQ	TO-15	
MSQ246-ICC246	Q4771.D	10/02/07 13:16	DFT	10	GCMSQ	TO-15	Reporting this level
MSQ246-IC246	Q4772.D	10/02/07 13:59	DFT	5	GCMSQ	TO-15	
MSQ246-IC246	Q4773.D	10/02/07 14:42	DFT	2	GCMSQ	TO-15	
MSQ246-IC246	Q4774.D	10/02/07 15:26	DFT	20	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.13	14.69	0.894	ok	0.894	0.834-0.954
Isopropylbenzene	16.46	14.69	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.81	8.62	0.674	ok	0.676	0.616-0.736
Methylene chloride	6.53	8.62	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.02	8.62	0.930	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.96	10.45	1.144	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.69	8.62	0.892	ok	0.893	0.833-0.953
Nonane	16.01	14.69	1.090	ok	1.090	1.030-1.150
Pentane	6.13	8.62	0.711	ok	0.711	0.651-0.771
Propylene	3.96	8.62	0.459	ok	0.459	0.399-0.519
Styrene	15.69	14.69	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.70	8.62	1.125	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.80	14.69	1.076	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.63	10.45	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.30	14.69	1.382	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.75	14.69	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.28	14.69	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.16	10.45	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.42	8.62	0.745	ok	0.745	0.685-0.805
Tetrachloroethylene	14.04	14.69	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.13	8.62	1.059	ok	1.060	1.000-1.120
Toluene	12.91	10.45	1.235	ok	1.236	1.176-1.296
Trichloroethylene	11.13	10.45	1.065	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.78	8.62	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.41	8.62	0.512	ok	0.512	0.452-0.572
Vinyl Acetate	7.77	8.62	0.901	ok	0.902	0.842-0.962
m,p-Xylene	15.31	14.69	1.042	ok	1.042	0.982-1.102
o-Xylene	15.81	14.69	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.62	8.29-8.95	248607	ok	250913	150548-351278
1,4-Difluorobenzene	10.45	ok	10.45	10.12-10.78	1245077	ok	1197389	718433-1676345
Chlorobenzene-D5	14.69	ok	14.69	14.36-15.02	1060559	ok	1002792	601675-1403909

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ246-IC246	Q4765.D	10/02/07 08:59	DFT	0.5	GCMSQ	TO-15	
MSQ246-IC246	Q4766.D	10/02/07 09:44	DFT	0.2	GCMSQ	TO-15	
MSQ246-IC246	Q4767.D	10/02/07 10:27	DFT	40	GCMSQ	TO-15	
MSQ246-ICC246	Q4771.D	10/02/07 13:16	DFT	10	GCMSQ	TO-15	
MSQ246-IC246	Q4772.D	10/02/07 13:59	DFT	5	GCMSQ	TO-15	Reporting this level
MSQ246-IC246	Q4773.D	10/02/07 14:42	DFT	2	GCMSQ	TO-15	
MSQ246-IC246	Q4774.D	10/02/07 15:26	DFT	20	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.59	8.62	0.648	ok	0.648	0.588-0.708
1,3-Butadiene	4.55	8.62	0.528	ok	0.528	0.468-0.588
Benzene	10.14	10.45	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.09	10.45	1.061	ok	1.062	1.002-1.122
Bromoform	15.41	14.69	1.049	ok	1.049	0.989-1.109
Bromomethane	4.82	8.62	0.559	ok	0.560	0.500-0.620
Bromoethene	5.36	8.62	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.91	14.69	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.62	0.795	ok	0.794	0.734-0.854
Chlorobenzene	14.74	14.69	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.62	0.581	ok	0.580	0.520-0.640
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.19	8.62	0.486	ok	0.486	0.426-0.546
3-Chloropropene	6.65	8.62	0.771	ok	0.771	0.711-0.831
2-Chlorotoluene	17.01	14.69	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.28	8.62	1.193	ok	1.193	1.133-1.253
Cyclohexane	10.40	10.45	0.995	ok	0.995	0.935-1.055
1,1-Dichloroethane	7.66	8.62	0.889	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	8.62	0.745	ok	0.744	0.684-0.804
1,2-Dibromoethane	13.59	14.69	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.62	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.91	10.45	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.12	10.45	1.064	ok	1.065	1.005-1.125
Dichlorodifluoromethane	4.03	8.62	0.468	ok	0.468	0.408-0.528
Dibromochloromethane	13.34	14.69	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.46	8.62	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.62	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.95	10.45	1.144	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.93	14.69	1.221	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.39	14.69	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.00	14.69	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.45	10.45	1.191	ok	1.191	1.131-1.251
Ethanol	5.09	8.62	0.590	ok	0.591	0.531-0.651
Ethylbenzene	15.12	14.69	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.65	8.62	1.003	ok	1.004	0.944-1.064
4-Ethyltoluene	17.19	14.69	1.170	ok	1.171	1.111-1.231
Freon 113	6.79	8.62	0.788	ok	0.788	0.728-0.848
Freon 114	4.29	8.62	0.498	ok	0.498	0.438-0.558
Heptane	11.39	10.45	1.090	ok	1.090	1.030-1.150
Hexachlorobutadiene	20.78	14.69	1.415	ok	1.415	1.355-1.475
Hexane	8.66	8.62	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ246-IC246	Q4765.D	10/02/07 08:59	DFT	0.5	GCMSQ	TO-15	
MSQ246-IC246	Q4766.D	10/02/07 09:44	DFT	0.2	GCMSQ	TO-15	
MSQ246-IC246	Q4767.D	10/02/07 10:27	DFT	40	GCMSQ	TO-15	
MSQ246-ICC246	Q4771.D	10/02/07 13:16	DFT	10	GCMSQ	TO-15	
MSQ246-IC246	Q4772.D	10/02/07 13:59	DFT	5	GCMSQ	TO-15	Reporting this level
MSQ246-IC246	Q4773.D	10/02/07 14:42	DFT	2	GCMSQ	TO-15	
MSQ246-IC246	Q4774.D	10/02/07 15:26	DFT	20	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.14	14.69	0.894	ok	0.894	0.834-0.954
Isopropylbenzene	16.45	14.69	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.81	8.62	0.674	ok	0.676	0.616-0.736
Methylene chloride	6.53	8.62	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.02	8.62	0.930	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.97	10.45	1.145	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.70	8.62	0.893	ok	0.893	0.833-0.953
Nonane	16.01	14.69	1.090	ok	1.090	1.030-1.150
Pentane	6.13	8.62	0.711	ok	0.711	0.651-0.771
Propylene	3.96	8.62	0.459	ok	0.459	0.399-0.519
Styrene	15.69	14.69	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.69	8.62	1.124	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.80	14.69	1.076	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.64	10.45	1.210	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.30	14.69	1.382	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.75	14.69	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.28	14.69	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.16	10.45	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.42	8.62	0.745	ok	0.745	0.685-0.805
Tetrachloroethylene	14.04	14.69	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.13	8.62	1.059	ok	1.060	1.000-1.120
Toluene	12.91	10.45	1.235	ok	1.236	1.176-1.296
Trichloroethylene	11.13	10.45	1.065	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.78	8.62	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.41	8.62	0.512	ok	0.512	0.452-0.572
Vinyl Acetate	7.77	8.62	0.901	ok	0.902	0.842-0.962
m,p-Xylene	15.31	14.69	1.042	ok	1.042	0.982-1.102
o-Xylene	15.81	14.69	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.62	8.29-8.95	248688	ok	250913	150548-351278
1,4-Difluorobenzene	10.45	ok	10.45	10.12-10.78	1195886	ok	1197389	718433-1676345
Chlorobenzene-D5	14.69	ok	14.69	14.36-15.02	951731	ok	1002792	601675-1403909

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ246-IC246	Q4765.D	10/02/07 08:59	DFT	0.5	GCMSQ	TO-15	
MSQ246-IC246	Q4766.D	10/02/07 09:44	DFT	0.2	GCMSQ	TO-15	
MSQ246-IC246	Q4767.D	10/02/07 10:27	DFT	40	GCMSQ	TO-15	
MSQ246-ICC246	Q4771.D	10/02/07 13:16	DFT	10	GCMSQ	TO-15	
MSQ246-IC246	Q4772.D	10/02/07 13:59	DFT	5	GCMSQ	TO-15	
MSQ246-IC246	Q4773.D	10/02/07 14:42	DFT	2	GCMSQ	TO-15	Reporting this level
MSQ246-IC246	Q4774.D	10/02/07 15:26	DFT	20	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.59	8.62	0.648	ok	0.648	0.588-0.708
1,3-Butadiene	4.55	8.62	0.528	ok	0.528	0.468-0.588
Benzene	10.13	10.45	0.969	ok	0.970	0.910-1.030
Bromodichloromethane	11.09	10.45	1.061	ok	1.062	1.002-1.122
Bromoform	15.41	14.69	1.049	ok	1.049	0.989-1.109
Bromomethane	4.82	8.62	0.559	ok	0.560	0.500-0.620
Bromoethene	5.36	8.62	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.91	14.69	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.84	8.62	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.74	14.69	1.003	ok	1.003	0.943-1.063
Chloroethane	5.00	8.62	0.580	ok	0.580	0.520-0.640
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.19	8.62	0.486	ok	0.486	0.426-0.546
3-Chloropropene	6.65	8.62	0.771	ok	0.771	0.711-0.831
2-Chlorotoluene	17.01	14.69	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.28	8.62	1.193	ok	1.193	1.133-1.253
Cyclohexane	10.40	10.45	0.995	ok	0.995	0.935-1.055
1,1-Dichloroethane	7.65	8.62	0.887	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	8.62	0.745	ok	0.744	0.684-0.804
1,2-Dibromoethane	13.59	14.69	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.62	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.91	10.45	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.13	10.45	1.065	ok	1.065	1.005-1.125
Dichlorodifluoromethane	4.03	8.62	0.468	ok	0.468	0.408-0.528
Dibromochloromethane	13.34	14.69	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.46	8.62	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.62	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.95	10.45	1.144	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.93	14.69	1.221	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.39	14.69	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.00	14.69	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.45	10.45	1.191	ok	1.191	1.131-1.251
Ethanol	5.10	8.62	0.592	ok	0.591	0.531-0.651
Ethylbenzene	15.12	14.69	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.65	8.62	1.003	ok	1.004	0.944-1.064
4-Ethyltoluene	17.20	14.69	1.171	ok	1.171	1.111-1.231
Freon 113	6.79	8.62	0.788	ok	0.788	0.728-0.848
Freon 114	4.29	8.62	0.498	ok	0.498	0.438-0.558
Heptane	11.39	10.45	1.090	ok	1.090	1.030-1.150
Hexachlorobutadiene	20.79	14.69	1.415	ok	1.415	1.355-1.475
Hexane	8.66	8.62	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ246-IC246	Q4765.D	10/02/07 08:59	DFT	0.5	GCMSQ	TO-15	
MSQ246-IC246	Q4766.D	10/02/07 09:44	DFT	0.2	GCMSQ	TO-15	
MSQ246-IC246	Q4767.D	10/02/07 10:27	DFT	40	GCMSQ	TO-15	
MSQ246-ICC246	Q4771.D	10/02/07 13:16	DFT	10	GCMSQ	TO-15	
MSQ246-IC246	Q4772.D	10/02/07 13:59	DFT	5	GCMSQ	TO-15	
MSQ246-IC246	Q4773.D	10/02/07 14:42	DFT	2	GCMSQ	TO-15	Reporting this level
MSQ246-IC246	Q4774.D	10/02/07 15:26	DFT	20	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.14	14.69	0.894	ok	0.894	0.834-0.954
Isopropylbenzene	16.45	14.69	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.82	8.62	0.675	ok	0.676	0.616-0.736
Methylene chloride	6.53	8.62	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.03	8.62	0.932	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.97	10.45	1.145	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.70	8.62	0.893	ok	0.893	0.833-0.953
Nonane	16.01	14.69	1.090	ok	1.090	1.030-1.150
Pentane	6.13	8.62	0.711	ok	0.711	0.651-0.771
Propylene	3.96	8.62	0.459	ok	0.459	0.399-0.519
Styrene	15.70	14.69	1.069	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.69	8.62	1.124	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.80	14.69	1.076	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.63	10.45	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.30	14.69	1.382	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.75	14.69	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.28	14.69	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.16	10.45	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.42	8.62	0.745	ok	0.745	0.685-0.805
Tetrachloroethylene	14.05	14.69	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.13	8.62	1.059	ok	1.060	1.000-1.120
Toluene	12.91	10.45	1.235	ok	1.236	1.176-1.296
Trichloroethylene	11.14	10.45	1.066	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.78	8.62	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.42	8.62	0.513	ok	0.512	0.452-0.572
Vinyl Acetate	7.78	8.62	0.903	ok	0.902	0.842-0.962
m,p-Xylene	15.31	14.69	1.042	ok	1.042	0.982-1.102
o-Xylene	15.81	14.69	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.62	8.29-8.95	268307	ok	250913	150548-351278
1,4-Difluorobenzene	10.45	ok	10.45	10.12-10.78	1239828	ok	1197389	718433-1676345
Chlorobenzene-D5	14.69	ok	14.69	14.36-15.02	983884	ok	1002792	601675-1403909

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ246-IC246	Q4765.D	10/02/07 08:59	DFT	0.5	GCMSQ	TO-15	
MSQ246-IC246	Q4766.D	10/02/07 09:44	DFT	0.2	GCMSQ	TO-15	
MSQ246-IC246	Q4767.D	10/02/07 10:27	DFT	40	GCMSQ	TO-15	
MSQ246-ICC246	Q4771.D	10/02/07 13:16	DFT	10	GCMSQ	TO-15	
MSQ246-IC246	Q4772.D	10/02/07 13:59	DFT	5	GCMSQ	TO-15	
MSQ246-IC246	Q4773.D	10/02/07 14:42	DFT	2	GCMSQ	TO-15	
MSQ246-IC246	Q4774.D	10/02/07 15:26	DFT	20	GCMSQ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.58	8.62	0.647	ok	0.648	0.588-0.708
1,3-Butadiene	4.55	8.62	0.528	ok	0.528	0.468-0.588
Benzene	10.14	10.45	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.10	10.45	1.062	ok	1.062	1.002-1.122
Bromoform	15.41	14.69	1.049	ok	1.049	0.989-1.109
Bromomethane	4.83	8.62	0.560	ok	0.560	0.500-0.620
Bromoethene	5.36	8.62	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.91	14.69	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.62	0.795	ok	0.794	0.734-0.854
Chlorobenzene	14.74	14.69	1.003	ok	1.003	0.943-1.063
Chloroethane	5.00	8.62	0.580	ok	0.580	0.520-0.640
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.19	8.62	0.486	ok	0.486	0.426-0.546
3-Chloropropene	6.65	8.62	0.771	ok	0.771	0.711-0.831
2-Chlorotoluene	17.01	14.69	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.28	8.62	1.193	ok	1.193	1.133-1.253
Cyclohexane	10.40	10.45	0.995	ok	0.995	0.935-1.055
1,1-Dichloroethane	7.65	8.62	0.887	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.41	8.62	0.744	ok	0.744	0.684-0.804
1,2-Dibromoethane	13.59	14.69	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.62	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.91	10.45	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.12	10.45	1.064	ok	1.065	1.005-1.125
Dichlorodifluoromethane	4.03	8.62	0.468	ok	0.468	0.408-0.528
Dibromochloromethane	13.34	14.69	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.46	8.62	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.62	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.95	10.45	1.144	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.93	14.69	1.221	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.39	14.69	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.00	14.69	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.45	10.45	1.191	ok	1.191	1.131-1.251
Ethanol	5.09	8.62	0.590	ok	0.591	0.531-0.651
Ethylbenzene	15.12	14.69	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.65	8.62	1.003	ok	1.004	0.944-1.064
4-Ethyltoluene	17.20	14.69	1.171	ok	1.171	1.111-1.231
Freon 113	6.79	8.62	0.788	ok	0.788	0.728-0.848
Freon 114	4.29	8.62	0.498	ok	0.498	0.438-0.558
Heptane	11.40	10.45	1.091	ok	1.090	1.030-1.150
Hexachlorobutadiene	20.79	14.69	1.415	ok	1.415	1.355-1.475
Hexane	8.66	8.62	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ246-IC246	Q4765.D	10/02/07 08:59	DFT	0.5	GCMSQ	TO-15	
MSQ246-IC246	Q4766.D	10/02/07 09:44	DFT	0.2	GCMSQ	TO-15	
MSQ246-IC246	Q4767.D	10/02/07 10:27	DFT	40	GCMSQ	TO-15	
MSQ246-ICC246	Q4771.D	10/02/07 13:16	DFT	10	GCMSQ	TO-15	
MSQ246-IC246	Q4772.D	10/02/07 13:59	DFT	5	GCMSQ	TO-15	
MSQ246-IC246	Q4773.D	10/02/07 14:42	DFT	2	GCMSQ	TO-15	
MSQ246-IC246	Q4774.D	10/02/07 15:26	DFT	20	GCMSQ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.14	14.69	0.894	ok	0.894	0.834-0.954
Isopropylbenzene	16.46	14.69	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.82	8.62	0.675	ok	0.676	0.616-0.736
Methylene chloride	6.53	8.62	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.02	8.62	0.930	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.97	10.45	1.145	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.70	8.62	0.893	ok	0.893	0.833-0.953
Nonane	16.01	14.69	1.090	ok	1.090	1.030-1.150
Pentane	6.13	8.62	0.711	ok	0.711	0.651-0.771
Propylene	3.96	8.62	0.459	ok	0.459	0.399-0.519
Styrene	15.69	14.69	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.70	8.62	1.125	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.80	14.69	1.076	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.64	10.45	1.210	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.30	14.69	1.382	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.75	14.69	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.28	14.69	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.16	10.45	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.42	8.62	0.745	ok	0.745	0.685-0.805
Tetrachloroethylene	14.05	14.69	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.12	8.62	1.058	ok	1.060	1.000-1.120
Toluene	12.91	10.45	1.235	ok	1.236	1.176-1.296
Trichloroethylene	11.14	10.45	1.066	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.78	8.62	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.41	8.62	0.512	ok	0.512	0.452-0.572
Vinyl Acetate	7.78	8.62	0.903	ok	0.902	0.842-0.962
m,p-Xylene	15.32	14.69	1.043	ok	1.042	0.982-1.102
o-Xylene	15.81	14.69	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.62	8.29-8.95	278784	ok	250913	150548-351278
1,4-Difluorobenzene	10.45	ok	10.45	10.12-10.78	1234330	ok	1197389	718433-1676345
Chlorobenzene-D5	14.69	ok	14.69	14.36-15.02	1064703	ok	1002792	601675-1403909

Volatile Surrogate Recovery Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

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

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1
M68147-1	Q4821.D	95.0
M68147-2	Q4823.D	88.0
M68147-1DUP	Q4822.D	96.0
MSJ562-SCC	J10881.D	89.0
MSQ210-SCC	Q3924.D	77.0
MSQ248-BS	Q4807A.D	115.0
MSQ248-MB	Q4809.D	80.0
MSJ562-BS	J10868B.D	109.0
MSJ562-MB	J10870.D	90.0
MSQ210-BS	Q3914A.D	106.0
MSQ210-MB	Q3915.D	76.0

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

Initial Calibration Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSJ562-ICC562
Lab FileID: J10865.D

Response Factor Report MSJ

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 17:30:53 2007
Response via : Initial Calibration

Calibration Files
40 =J10863.D 20 =J10864.D 10 =J10865.D 5 =J10866.D
2 =J10867.D .5 =J10860.D .2 =J10861.D 4 =J10094.D

Compound	40	20	10	5	2	.5	.2	4	Avg	%RSD
1) I BROMOCHLOROMETHANE	----------ISTD----------									
2) DICHLORODIFL	3.173	2.102	3.010	3.772	3.475	3.808	3.371		3.245	17.93
3) PROPYLENE	0.583	0.367	0.542	0.636	0.532	0.492	0.336		0.498	22.09
4) FREON 114	2.929	1.963	2.586	3.470	2.749	3.358	2.925		2.854	17.64
5) CHLOROMETHAN	0.763	0.478	0.656	0.898	0.737	0.886	0.777		0.742	19.38
6) VINYL CHLORI	0.900	0.601	0.776	1.047	0.782	0.989	0.699		0.828	19.25
7) 1,3-BUTADIEN	0.711	0.482	0.610	0.769	0.562	0.624	0.405		0.595	21.11
8) BROMOMETHANE	0.972	0.884	0.892	1.153	0.894	1.055	0.839		0.956	11.74
9) CHLOROETHANE	0.426	0.381	0.377	0.426	0.346	0.426	0.299		0.383	12.62
10) TRICHLOROFLU	3.259	3.051	2.950	3.857	3.058	3.731	3.205		3.301	10.70
11) ISOPROPYL AL	1.102	1.076	0.949	1.036	0.733	1.072			0.995	13.97
12) ACETONE	1.129	1.014	0.950	1.150	0.867	1.571	1.508		1.170	23.19
13) PENTANE	0.822	0.746	0.726	0.906	0.684	0.830	0.748		0.780	9.70
14) 1,1-DICHLORO	0.990	0.967	0.893	1.095	0.800	0.827	0.539		0.873	20.44
15) CARBON DISUL	2.817	2.749	2.566	3.305	2.630	3.144	2.582		2.828	10.23
16) ETHANOL	0.197	0.179	0.161	0.175	0.088	0.055			0.142	40.20
----- Linear regression ----- Coefficient = 0.9976										
Response Ratio = -0.02174 + 0.19949 *A										
17) BROMOETHENE	0.987	0.929	0.880	1.095	0.767	0.754	0.494		0.844	23.12
18) METHYLENE CH	0.878	0.837	0.807	0.985	0.820	2.085	2.307		1.246	52.58
----- Linear regression ----- Coefficient = 0.9983										
Response Ratio = 0.01284 + 0.86359 *A										
19) 3-CHLOROPROP	0.981	0.790	0.673	0.715	0.575	0.661			0.732	19.19
20) FREON 113	2.074	1.964	1.865	2.177	1.813	2.448	2.249		2.084	10.80
21) TRANS-1,2-DI	0.983	0.957	0.864	0.999	0.747	0.896	0.591		0.862	17.08
22) TERTIARY BUT	1.396	1.418	1.202	1.265	0.705	0.805			1.132	26.91
23) METHYL TERTI	2.088	2.043	1.813	2.032	1.456	1.322	1.002		1.680	25.24
24) TETRAHYDROFU	0.689	0.654	0.572	0.618	0.376	0.347			0.543	26.84
25) HEXANE	1.157	1.090	1.014	1.163	0.890	1.224	1.119		1.094	10.18
26) VINYL ACETAT	1.475	1.359	1.182	1.290	0.804	0.807			1.153	24.75
27) 1,1-DICHLORO	1.701	1.561	1.442	1.658	1.276	1.726	1.287		1.522	12.46
28) METHYL ETHYL	1.350	1.264	1.135	1.249	0.862	1.312	0.906		1.154	17.01
29) cis-1,2-DICH	0.985	0.925	0.814	0.955	0.708	0.868	0.604		0.837	16.62
30) ETHYL ACETAT	1.530	1.420	1.266	1.369	0.980	1.349	0.972		1.269	16.99
31) CHLOROFORM	2.326	2.162	1.983	2.332	1.854	2.479	2.002		2.163	10.50
32) 1,1,1-TRICHL	2.690	2.411	2.209	2.502	1.978	2.608	2.049		2.350	11.77
33) CARBON TETRA	3.073	2.861	2.724	3.112	2.503	3.305	2.704		2.897	9.64
34) 1,2-DICHLORO	1.371	1.245	1.120	1.382	1.036	1.237	0.873		1.181	15.59
35) I 1,4-DIFLUOROBENZENE	----------ISTD----------									
36) BENZENE	0.641	0.560	0.463	0.557	0.395	0.409	0.274		0.471	26.36
37) CYCLOHEXANE	0.279	0.258	0.226	0.257	0.182	0.136			0.223	24.35
38) TRICHLOROETH	0.330	0.284	0.240	0.294	0.208	0.250	0.154		0.251	23.38
39) 1,2-DICHLORO	0.208	0.178	0.148	0.180	0.131	0.150	0.119		0.159	19.62

Initial Calibration Summary

Job Number: M68147 **Sample:** MSJ562-ICC562
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10865.D
Project: GEI Tufts Street Somerville MA

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40) BROMODICHLOR 0.565 0.489 0.410 0.498 0.382 0.488 0.395       0.461  14.52
41) 2,2,4-TRIMET 1.038 0.905 0.755 0.812 0.576 0.530 0.321       0.705  34.71
            ----- Linear regression -----  Coefficient =  0.9940
              Response Ratio = -0.11253 + 1.03736 *A

42) 1,4-DIOXANE  0.112 0.104 0.083 0.084 0.038 0.028             0.075  46.11
            ----- Linear regression -----  Coefficient =  0.9970
              Response Ratio = -0.01651 + 0.11476 *A

43) HEPTANE      0.328 0.285 0.243 0.270 0.184 0.194             0.251  22.00
44) METHYL ISOBU 0.400 0.343 0.284 0.289 0.176 0.191             0.281  30.78
         ----- Quadratic regression -----                Coefficient =  0.9996
              Response Ratio = -0.01416 + 0.28645 *A + 0.02935 *A^2

45) cis-1,3-DICH 0.315 0.278 0.219 0.257 0.149 0.142 0.091       0.207  39.60
         ----- Quadratic regression -----                Coefficient =  0.9990
              Response Ratio = -0.00773 + 0.23146 *A + 0.02144 *A^2

46) TOLUENE      0.457 0.390 0.317 0.367 0.235 0.190 0.128       0.298  39.62
         ----- Quadratic regression -----                Coefficient =  0.9994
              Response Ratio = -0.00693 + 0.31551 *A + 0.03600 *A^2

47) trans-1,3-DI 0.315 0.268 0.211 0.232 0.133 0.124 0.073       0.194  44.72
         ----- Quadratic regression -----                Coefficient =  0.9993
              Response Ratio = -0.00822 + 0.21484 *A + 0.02558 *A^2

48) 1,1,2-TRICHL 0.212 0.183 0.155 0.186 0.137 0.166 0.117       0.165  19.28

49) I   CHLOROBENZENE-D5      ----------------ISTD---------------------
50) 2-HEXANONE   0.358 0.317 0.262 0.278 0.156 0.191             0.260  29.06
51) TETRACHLOROE 0.403 0.353 0.300 0.364 0.275 0.298 0.243       0.319  17.53
52) DIBROMOCHLOR 0.566 0.525 0.445 0.541 0.421 0.514 0.376       0.484  14.55
53) 1,2-DIBROMOE 0.420 0.378 0.313 0.382 0.264 0.328 0.240       0.332  19.70
54) CHLOROBENZEN 0.653 0.580 0.503 0.611 0.461 0.566 0.437       0.545  14.60
55) ETHYLBENZENE 1.049 0.932 0.790 0.884 0.550 0.428 0.290       0.703  40.31
         ----- Quadratic regression -----                Coefficient =  0.9995
              Response Ratio = -0.02285 + 0.80474 *A + 0.06280 *A^2

56) m,p-XYLENE   0.440 0.383 0.328 0.366 0.237 0.168 0.098       0.288  43.15
         ----- Quadratic regression -----                Coefficient =  0.9996
              Response Ratio = -0.01530 + 0.32472 *A + 0.01463 *A^2

57) o-XYLENE     0.443 0.382 0.323 0.360 0.230 0.170 0.095       0.286  43.68
         ----- Quadratic regression -----                Coefficient =  0.9996
              Response Ratio = -0.00767 + 0.31832 *A + 0.03171 *A^2

58) STYRENE      0.631 0.536 0.414 0.427 0.210 0.170 0.110       0.357  55.26
         ----- Quadratic regression -----                Coefficient =  0.9993
              Response Ratio = -0.02393 + 0.42757 *A + 0.05261 *A^2

59) NONANE       0.467 0.407 0.344 0.371 0.239 0.189             0.336  31.05
         ----- Quadratic regression -----                Coefficient =  0.9996
              Response Ratio = -0.01285 + 0.34623 *A + 0.03101 *A^2

60) BROMOFORM    0.592 0.518 0.425 0.500 0.356 0.493 0.319       0.458  21.00
61) 4-BROMOFLUOR 0.718 0.689 0.659 0.585 0.576 0.557 0.515       0.614  12.19
62) 1,1,2,2-TETR 0.582 0.504 0.415 0.475 0.366 0.563 0.350       0.465  19.77
63) ISOPROPYLBEN 1.240 1.080 0.918 0.979 0.617 0.565 0.347       0.821  38.80
         ----- Quadratic regression -----                Coefficient =  0.9997
              Response Ratio = -0.02662 + 0.91136 *A + 0.08406 *A^2
```

Initial Calibration Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSJ562-ICC562
Lab FileID: J10865.D

```
64) 2-CHLOROTOLU 0.887 0.761 0.615 0.658 0.392 0.348 0.216       0.554  43.67
         ----- Quadratic regression -----                 Coefficient =  0.9995
              Response Ratio = -0.02322 + 0.62009 *A + 0.06843 *A^2

65) 4-ETHYLTOLUE 1.217 1.001 0.775 0.807 0.462 0.361             0.770  41.71
         ----- Quadratic regression -----                 Coefficient =  0.9995
              Response Ratio = -0.04549 + 0.77656 *A + 0.11330 *A^2

66) 1,3,5-TRIMET 1.078 0.904 0.727 0.780 0.490 0.423             0.734  33.67
         ----- Quadratic regression -----                 Coefficient =  0.9996
              Response Ratio = -0.03008 + 0.72197 *A + 0.09109 *A^2

67) 1,2,4-TRIMET 1.009 0.819 0.643 0.677 0.376 0.305             0.638  41.54
         ----- Quadratic regression -----                 Coefficient =  0.9996
              Response Ratio = -0.03207 + 0.62570 *A + 0.09805 *A^2

68) m-DICHLOROBE 0.740 0.584 0.461 0.539 0.373 0.492 0.253       0.492  31.54
         ----- Quadratic regression -----                 Coefficient =  0.9995
              Response Ratio = 0.00104 + 0.41544 *A + 0.08106 *A^2

69) BENZYL CHLOR 0.616 0.486 0.372 0.397 0.210 0.317 0.162       0.366  42.69
         ----- Quadratic regression -----                 Coefficient =  0.9995
              Response Ratio = -0.01055 + 0.34527 *A + 0.06855 *A^2

70) p-DICHLOROBE 0.697 0.553 0.440 0.524 0.351 0.389 0.224       0.454  33.84
         ----- Quadratic regression -----                 Coefficient =  0.9995
              Response Ratio = 0.00037 + 0.39909 *A + 0.07450 *A^2

71) o-DICHLOROBE 0.630 0.498 0.396 0.461 0.299 0.460 0.249       0.427  29.81
72) HEXACHLOROBU 0.310 0.275 0.254 0.289 0.233 0.919 0.710       0.427  63.83
         ----- Quadratic regression -----                 Coefficient =  0.9993
              Response Ratio = 0.01695 + 0.22420 *A + 0.02043 *A^2

73) 1,2,4-TRICHL 0.200 0.172 0.151 0.155 0.093 0.369 0.199       0.191  45.12
         ----- Quadratic regression -----                 Coefficient =  0.9995
              Response Ratio = 0.00138 + 0.13941 *A + 0.01503 *A^2

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

          J070507T.M        Fri Jul 06 11:22:14 2007
```

Continuing Calibration Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSJ562-CC562
Lab FileID: J10868A.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\J10868A.D Vial: 3
Acq On : 5 Jul 2007 5:56 pm Operator: danat
Sample : cc562-10 (M080) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 17:30:53 2007
Response via : Multiple Level Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	97	-0.01	8.60
2	m	DICHLORODIFLUOROMETHANE	3.245	3.058	5.8	99	0.00	4.06
3	m	PROPYLENE	0.498	0.528	-6.0	94	0.00	3.99
4	m	FREON 114	2.854	2.812	1.5	105	0.00	4.32
5	m	CHLOROMETHANE	0.742	0.737	0.7	109	0.00	4.23
6	m	VINYL CHLORIDE	0.828	0.869	-5.0	109	0.00	4.44
7	m	1,3-BUTADIENE	0.595	0.670	-12.6	107	0.00	4.57
8	m	BROMOMETHANE	0.956	0.957	-0.1	104	-0.01	4.84
9	m	CHLOROETHANE	0.383	0.405	-5.7	104	-0.01	5.01
10	m	TRICHLOROFLUOROMETHANE	3.301	3.269	1.0	108	-0.01	5.77
11	m	ISOPROPYL ALCOHOL	0.995	1.086	-9.1	111	0.02	5.99
12	m	ACETONE	1.170	1.135	3.0	116	-0.01	5.64
13	m	PENTANE	0.780	0.812	-4.1	108	-0.01	6.12
14	m	1,1-DICHLOROETHYLENE	0.873	0.887	-1.6	96	-0.01	6.40
15	m	CARBON DISULFIDE	2.828	2.670	5.6	101	-0.01	6.82
		----------	True	Calc.	% Drift	----------		
16	m	ETHANOL	10.000	10.799	-8.0	117	0.04	5.26
		----------	AvgRF	CCRF	% Dev	----------		
17	m	BROMOETHENE	0.844	0.923	-9.4	102	-0.01	5.36
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	9.923	0.8	105	-0.01	6.52
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	0.732	0.787	-7.5	113	-0.01	6.63
20	m	FREON 113	2.084	1.924	7.7	100	-0.01	6.76
21	m	TRANS-1,2-DICHLOROETHYLEN	0.862	0.903	-4.8	101	-0.02	7.43
22	m	TERTIARY BUTYL ALCOHOL	1.132	1.332	-17.7	107	0.00	6.57
23	m	METHYL TERTIARY BUTYL ETH	1.680	1.975	-17.6	106	-0.01	7.71
24	m	TETRAHYDROFURAN	0.543	0.629	-15.8	107	-0.01	9.16
25	m	HEXANE	1.094	1.053	3.7	101	-0.01	8.61
26	m	VINYL ACETATE	1.153	1.269	-10.1	104	-0.01	7.78
27	m	1,1-DICHLOROETHANE	1.522	1.572	-3.3	106	-0.01	7.63
28	m	METHYL ETHYL KETONE	1.154	1.227	-6.3	105	0.00	8.07
29	m	cis-1,2-DICHLOROETHYLENE	0.837	0.868	-3.7	103	-0.01	8.44
30	m	ETHYL ACETATE	1.269	1.332	-5.0	102	-0.01	8.67
31	m	CHLOROFORM	2.163	2.225	-2.9	109	-0.01	8.72
32	m	1,1,1-TRICHLOROETHANE	2.350	2.431	-3.4	107	-0.01	9.66
33	m	CARBON TETRACHLORIDE	2.897	2.986	-3.1	106	-0.01	10.24
34	m	1,2-DICHLOROETHANE	1.181	1.316	-11.4	114	-0.01	9.43

Continuing Calibration Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSJ562-CC562
Lab FileID: J10868A.D

35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	97	0.00	10.43
36	m	BENZENE	0.471	0.535	-13.6	112	0.00	10.11
37	m	CYCLOHEXANE	0.223	0.241	-8.1	103	0.00	10.35
38	m	TRICHLOROETHYLENE	0.251	0.285	-13.5	115	0.00	11.10
39	m	1,2-DICHLOROPROPANE	0.159	0.181	-13.8	118	0.00	10.89
40	m	BROMODICHLOROMETHANE	0.461	0.491	-6.5	116	0.00	11.08
		----------	True	Calc.	% Drift		----------	
41	m	2,2,4-TRIMETHYLPENTANE	10.000	9.398	6.0	110	-0.01	11.10
42	m	1,4-DIOXANE	10.000	9.346	6.5	106	0.00	11.17
		----------	AvgRF	CCRF	% Dev		----------	
43	m	HEPTANE	0.251	0.273	-8.8	108	-0.01	11.34
		----------	True	Calc.	% Drift		----------	
44	m	METHYL ISOBUTYL KETONE	10.000	10.328	-3.3	107	0.00	11.99
45	m	cis-1,3-DICHLOROPROPENE	10.000	10.947	-9.5	120	0.00	11.93
46	m	TOLUENE	10.000	11.035	-10.4	117	0.00	12.88
47	m	trans-1,3-DICHLOROPROPENE	10.000	9.167	8.3	96	0.00	12.44
		----------	AvgRF	CCRF	% Dev		----------	
48	m	1,1,2-TRICHLOROETHANE	0.165	0.195	-18.2	122	0.00	12.62
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	98	0.00	14.67
50	m	2-HEXANONE	0.260	0.268	-3.1	100	0.00	13.17
51	m	TETRACHLOROETHYLENE	0.319	0.368	-15.4	120	0.00	14.01
52	m	DIBROMOCHLOROMETHANE	0.484	0.541	-11.8	119	0.00	13.33
53	m	1,2-DIBROMOETHANE	0.332	0.373	-12.3	116	0.00	13.57
54	m	CHLOROBENZENE	0.476	0.598	-25.6	116	0.00	14.72
		----------	True	Calc.	% Drift		----------	
55	m	ETHYLBENZENE	10.000	11.171	-11.7	118	0.00	15.09
56	m	m,p-XYLENE	20.000	22.739	-13.7	119	0.00	15.28
57	m	o-XYLENE	10.000	11.552	-15.5	122	0.00	15.79
58	m	STYRENE	10.000	10.453	-4.5	113	0.00	15.68
59	m	NONANE	10.000	11.858	-18.6	125	0.00	15.97
		----------	AvgRF	CCRF	% Dev		----------	
60	m	BROMOFORM	0.458	0.532	-16.2	122	0.00	15.41
61	S	4-BROMOFLUOROBENZENE	0.538	0.668	-24.2	99	0.00	16.30
62	m	1,1,2,2-TETRACHLOROETHANE	0.465	0.538	-15.7	127	0.00	15.80
		----------	True	Calc.	% Drift		----------	
63	m	ISOPROPYLBENZENE	10.000	11.656	-16.6	122	0.00	16.43
64	m	2-CHLOROTOLUENE	10.000	11.725	-17.2	127	0.00	16.98
65	m	4-ETHYLTOLUENE	10.000	10.702	-7.0	115	0.00	17.17
66	m	1,3,5-TRIMETHYLBENZENE	10.000	11.609	-16.1	125	0.00	17.26
67	m	1,2,4-TRIMETHYLBENZENE	10.000	11.800	-18.0	128	0.00	17.72
68	m	m-DICHLOROBENZENE	10.000	11.227	-12.3	121	0.00	17.91
69	m	BENZYL CHLORIDE	10.000	9.802	2.0	103	0.00	17.89
70	m	p-DICHLOROBENZENE	10.000	10.633	-6.3	113	0.00	17.98
		----------	AvgRF	CCRF	% Dev		----------	
71	m	o-DICHLOROBENZENE	0.427	0.526	-23.2	130	0.00	18.37
		----------	True	Calc.	% Drift		----------	
72	m	HEXACHLOROBUTADIENE	10.000	15.845	-58.5#	163	0.00	20.76
73	m	1,2,4-TRICHLOROBENZENE	10.000	11.454	-14.5	117	0.00	20.27

Continuing Calibration Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSJ562-CC562
Lab FileID: J10868A.D

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

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

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    J10865.D   J070507T.M       Fri Jul 06 11:51:03 2007
```

Initial Calibration Verification

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSJ562-ICV562
Lab FileID: J10868.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\J10868.D Vial: 3
Acq On : 5 Jul 2007 5:56 pm Operator: danat
Sample : icv562-10 (M080) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 17:30:53 2007
Response via : Multiple Level Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	97	-0.01	8.60
2	m	DICHLORODIFLUOROMETHANE	3.245	3.058	5.8	99	0.00	4.06
3	m	PROPYLENE	0.498	0.528	-6.0	94	0.00	3.99
4	m	FREON 114	2.854	2.812	1.5	105	0.00	4.32
5	m	CHLOROMETHANE	0.742	0.737	0.7	109	0.00	4.23
6	m	VINYL CHLORIDE	0.828	0.869	-5.0	109	0.00	4.44
7	m	1,3-BUTADIENE	0.595	0.670	-12.6	107	0.00	4.57
8	m	BROMOMETHANE	0.956	0.957	-0.1	104	-0.01	4.84
9	m	CHLOROETHANE	0.383	0.405	-5.7	104	-0.01	5.01
10	m	TRICHLOROFLUOROMETHANE	3.301	3.269	1.0	108	-0.01	5.77
11	m	ISOPROPYL ALCOHOL	0.995	1.086	-9.1	111	0.02	5.99
12	m	ACETONE	1.170	1.135	3.0	116	-0.01	5.64
13	m	PENTANE	0.780	0.812	-4.1	108	-0.01	6.12
14	m	1,1-DICHLOROETHYLENE	0.873	0.887	-1.6	96	-0.01	6.40
15	m	CARBON DISULFIDE	2.828	2.670	5.6	101	-0.01	6.82
		----------	True	Calc.	% Drift	----------		
16	m	ETHANOL	10.000	10.799	-8.0	117	0.04	5.26
		----------	AvgRF	CCRF	% Dev	----------		
17	m	BROMOETHENE	0.844	0.923	-9.4	102	-0.01	5.36
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	9.923	0.8	105	-0.01	6.52
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	0.732	0.787	-7.5	113	-0.01	6.63
20	m	FREON 113	2.084	1.924	7.7	100	-0.01	6.76
21	m	TRANS-1,2-DICHLOROETHYLEN	0.862	0.903	-4.8	101	-0.02	7.43
22	m	TERTIARY BUTYL ALCOHOL	1.132	1.332	-17.7	107	0.00	6.57
23	m	METHYL TERTIARY BUTYL ETH	1.680	1.975	-17.6	106	-0.01	7.71
24	m	TETRAHYDROFURAN	0.543	0.629	-15.8	107	-0.01	9.16
25	m	HEXANE	1.094	1.053	3.7	101	-0.01	8.61
26	m	VINYL ACETATE	1.153	1.269	-10.1	104	-0.01	7.78
27	m	1,1-DICHLOROETHANE	1.522	1.572	-3.3	106	-0.01	7.63
28	m	METHYL ETHYL KETONE	1.154	1.227	-6.3	105	0.00	8.07
29	m	cis-1,2-DICHLOROETHYLENE	0.837	0.868	-3.7	103	-0.01	8.44
30	m	ETHYL ACETATE	1.269	1.332	-5.0	102	-0.01	8.67
31	m	CHLOROFORM	2.163	2.225	-2.9	109	-0.01	8.72
32	m	1,1,1-TRICHLOROETHANE	2.350	2.431	-3.4	107	-0.01	9.66
33	m	CARBON TETRACHLORIDE	2.897	2.986	-3.1	106	-0.01	10.24
34	m	1,2-DICHLOROETHANE	1.181	1.316	-11.4	114	-0.01	9.43

Initial Calibration Verification

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSJ562-ICV562
Lab FileID: J10868.D

35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	97	0.00	10.43
36	m	BENZENE	0.471	0.535	-13.6	112	0.00	10.11
37	m	CYCLOHEXANE	0.223	0.241	-8.1	103	0.00	10.35
38	m	TRICHLOROETHYLENE	0.251	0.285	-13.5	115	0.00	11.10
39	m	1,2-DICHLOROPROPANE	0.159	0.181	-13.8	118	0.00	10.89
40	m	BROMODICHLOROMETHANE	0.461	0.491	-6.5	116	0.00	11.08
		----------	True	Calc.	% Drift		----------	
41	m	2,2,4-TRIMETHYLPENTANE	10.000	9.398	6.0	110	-0.01	11.10
42	m	1,4-DIOXANE	10.000	9.346	6.5	106	0.00	11.17
		----------	AvgRF	CCRF	% Dev		----------	
43	m	HEPTANE	0.251	0.273	-8.8	108	-0.01	11.34
		----------	True	Calc.	% Drift		----------	
44	m	METHYL ISOBUTYL KETONE	10.000	10.328	-3.3	107	0.00	11.99
45	m	cis-1,3-DICHLOROPROPENE	10.000	10.947	-9.5	120	0.00	11.93
46	m	TOLUENE	10.000	11.035	-10.4	117	0.00	12.88
47	m	trans-1,3-DICHLOROPROPENE	10.000	9.167	8.3	96	0.00	12.44
		----------	AvgRF	CCRF	% Dev		----------	
48	m	1,1,2-TRICHLOROETHANE	0.165	0.195	-18.2	122	0.00	12.62
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	98	0.00	14.67
50	m	2-HEXANONE	0.260	0.268	-3.1	100	0.00	13.17
51	m	TETRACHLOROETHYLENE	0.319	0.368	-15.4	120	0.00	14.01
52	m	DIBROMOCHLOROMETHANE	0.484	0.541	-11.8	119	0.00	13.33
53	m	1,2-DIBROMOETHANE	0.332	0.373	-12.3	116	0.00	13.57
54	m	CHLOROBENZENE	0.476	0.598	-25.6	116	0.00	14.72
		----------	True	Calc.	% Drift		----------	
55	m	ETHYLBENZENE	10.000	11.171	-11.7	118	0.00	15.09
56	m	m,p-XYLENE	20.000	22.739	-13.7	119	0.00	15.28
57	m	o-XYLENE	10.000	11.552	-15.5	122	0.00	15.79
58	m	STYRENE	10.000	10.453	-4.5	113	0.00	15.68
59	m	NONANE	10.000	11.858	-18.6	125	0.00	15.97
		----------	AvgRF	CCRF	% Dev		----------	
60	m	BROMOFORM	0.458	0.532	-16.2	122	0.00	15.41
61	S	4-BROMOFLUOROBENZENE	0.538	0.668	-24.2	99	0.00	16.30
62	m	1,1,2,2-TETRACHLOROETHANE	0.465	0.538	-15.7	127	0.00	15.80
		----------	True	Calc.	% Drift		----------	
63	m	ISOPROPYLBENZENE	10.000	11.656	-16.6	122	0.00	16.43
64	m	2-CHLOROTOLUENE	10.000	11.725	-17.2	127	0.00	16.98
65	m	4-ETHYLTOLUENE	10.000	10.702	-7.0	115	0.00	17.17
66	m	1,3,5-TRIMETHYLBENZENE	10.000	11.609	-16.1	125	0.00	17.26
67	m	1,2,4-TRIMETHYLBENZENE	10.000	11.800	-18.0	128	0.00	17.72
68	m	m-DICHLOROBENZENE	10.000	11.227	-12.3	121	0.00	17.91
69	m	BENZYL CHLORIDE	10.000	9.802	2.0	103	0.00	17.89
70	m	p-DICHLOROBENZENE	10.000	10.633	-6.3	113	0.00	17.98
		----------	AvgRF	CCRF	% Dev		----------	
71	m	o-DICHLOROBENZENE	0.427	0.526	-23.2	130	0.00	18.37
		----------	True	Calc.	% Drift		----------	
72	m	HEXACHLOROBUTADIENE	10.000	15.845	-58.5#	163	0.00	20.76
73	m	1,2,4-TRICHLOROBENZENE	10.000	11.454	-14.5	117	0.00	20.27

Initial Calibration Verification

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSJ562-ICV562
Lab FileID: J10868.D

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

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

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    J10865.D   J070507T.M       Fri Jul 06 11:23:26 2007
```

Initial Calibration Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ210-ICC210
Lab FileID: Q3909.D

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: M68147 **Sample:** MSQ210-ICC210
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3909.D
Project: GEI Tufts Street Somerville MA

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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: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ210-ICC210
Lab FileID: Q3909.D

```
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: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ210-ICV210
Lab FileID: Q3914.D

Evaluate Continuing Calibration Report

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

Vial: 3
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
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: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ210-ICV210
Lab FileID: Q3914.D

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

Initial Calibration Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ246-ICC246
Lab FileID: Q4771.D

Response Factor Report MAMSQ

```
Method       : C:\msdchem\1\METHODS\Q100207T.m (RTE Integrator)
Title        :  TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update  : Wed Oct 03 09:29:03 2007
Response via : Initial Calibration

Calibration Files
.2     =Q4766.D      .5     =Q4765.D      2      =Q4773.D
5    =Q4772.D     10   =Q4771.D     20   =Q4774.D     40   =Q4767.D

    Compound           .2    .5    2     5     10    20    40     Avg   %RSD
-------------------------------------------------------------------------------

1) I   BROMOCHLOROMETHANE    ----------------ISTD---------------------
2)m DICHLORODIFLUOROM 7.825 7.120 7.279 4.981 4.494 6.129 5.699 6.218  20.02
3)m PROPYLENE         0.777 0.779 1.028 0.763 0.626 0.997 0.893 0.838  17.05
4)m FREON 114         5.838 6.126 5.879 4.469 3.636 5.246 5.052 5.178  17.14
5)m CHLOROMETHANE     1.336 1.364 1.332 1.003 0.785 1.209 1.098 1.161  18.38
6)m VINYL CHLORIDE    1.319 1.326 1.617 1.128 0.959 1.435 1.321 1.301  16.18
7)m 1,3-BUTADIENE     1.118 1.099 1.250 0.948 0.776 1.144 1.093 1.061  14.50
8)m BROMOMETHANE      1.712 1.700 1.860 1.342 1.703 1.621 1.533 1.639  10.03
9)m CHLOROETHANE      0.427 0.576 0.684 0.493 0.420 0.622 0.566 0.541  18.29
10)m TRICHLOROFLUOROME 7.384 7.456 6.693 5.242 6.396 6.003 5.903 6.439  12.53
11)m ISOPROPYL ALCOHOL 2.201 3.049 2.207 1.757 2.166 2.220 1.901 2.215  18.49
12)m ACETONE          3.361 2.892 2.311 1.774 2.267 2.134 1.867 2.372  23.92
         ----- Quadratic regression -----  Coefficient =  0.9985
              Response Ratio = -0.03370 + 2.37053 *A + -0.12302 *A^2

13)m PENTANE          1.585 1.438 1.416 1.263 1.410 1.313 1.196 1.374   9.38
14)m 1,1-DICHLOROETHYL 1.547 1.538 1.605 1.400 1.613 1.582 1.456 1.534   5.17
15)m CARBON DISULFIDE  4.724 4.617 4.551 4.570 4.641 4.348 3.937 4.484   5.96
16)m ETHANOL          0.492 0.374 0.507 0.366 0.466 0.457 0.391 0.436  13.33
17)m BROMOETHENE      1.523 1.529 1.688 1.341 1.635 1.590 1.506 1.545   7.22
18)m METHYLENE CHLORID 4.050 3.455 2.804 1.504 1.270 1.377 1.197 2.237  52.85
  ----- Linear regression  (equal Weighting)-----  Coefficient =  0.9939
              Response Ratio = 0.17663 + 1.17647 *A

19)m 3-CHLOROPROPENE   1.381 1.369 1.505 1.640 1.504 1.568 1.558 1.504   6.58
20)m FREON 113         3.969 3.828 3.519 3.463 3.267 3.309 3.199 3.508   8.32
21)m TRANS-1,2-DICHLOR 1.646 1.546 1.560 1.601 1.366 1.536 1.420 1.525   6.48
22)m TERTIARY BUTYL AL 2.261 2.118 3.119 2.881 3.044 3.003 2.384 2.687  15.55
23)m METHYL TERTIARY B 2.930 2.738 3.637 4.001 3.601 3.856 3.469 3.462  13.46
24)m TETRAHYDROFURAN   0.395 0.546 0.946 1.100 1.149 1.153 1.054 0.906  34.09
  ----- Linear regression  (equal Weighting)-----  Coefficient =  0.9975
              Response Ratio = 0.01792 + 1.07058 *A

25)m HEXANE            1.646 1.731 1.802 1.847 1.774 1.777 1.681 1.751   3.98
26)m VINYL ACETATE     1.971 1.778 2.487 2.892 2.848 2.851 2.634 2.494  18.06
27)m 1,1-DICHLOROETHAN 2.694 2.676 2.717 2.911 2.491 2.749 2.635 2.696   4.69
28)m METHYL ETHYL KETO 1.803 1.806 2.223 2.516 2.403 2.400 2.159 2.187  13.14
29)m cis-1,2-DICHLOROE 0.865 0.889 1.138 1.231 1.263 1.374 1.374 1.162  18.18
30)m ETHYL ACETATE     2.916 3.129 3.460 3.696 3.604 3.574 3.313 3.385   8.32
31)m CHLOROFORM        3.838 3.954 3.508 3.610 3.524 3.615 3.585 3.662   4.60
32)m 1,1,1-TRICHLOROET 4.066 4.359 3.627 3.762 3.693 3.901 3.958 3.909   6.42
33)m CARBON TETRACHLOR 5.126 5.374 4.819 4.893 4.769 4.831 4.884 4.957   4.37
34)m 1,2-DICHLOROETHAN 2.098 2.027 2.155 2.279 2.384 2.310 2.411 2.238   6.55

35) I   1,4-DIFLUOROBENZENE   ----------------ISTD---------------------
36)m BENZENE           0.498 0.532 0.655 0.680 0.684 0.818 0.745 0.659  17.05
```

Initial Calibration Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ246-ICC246
Lab FileID: Q4771.D

```
37)m CYCLOHEXANE       0.136 0.256 0.333 0.336 0.326 0.375 0.318 0.297  26.71
38)m TRICHLOROETHYLENE 0.321 0.383 0.403 0.420 0.412 0.490 0.443 0.410  12.69
39)m 1,2-DICHLOROPROPA 0.201 0.204 0.228 0.235 0.241 0.278 0.245 0.233  11.26
40)m BROMODICHLOROMETH 0.741 0.771 0.700 0.707 0.741 0.877 0.798 0.762   8.01
41)m 2,2,4-TRIMETHYLPE 0.739 0.993 1.164 1.184 1.168 1.392 1.218 1.123  18.30
42)m 1,4-DIOXANE       0.062 0.068 0.122 0.131 0.132 0.165 0.141 0.117  32.33
         ----- Quadratic regression -----  Coefficient =  0.9953
              Response Ratio = -0.01112 + 0.17476 *A + -0.00760 *A^2

43)m HEPTANE           0.222 0.288 0.406 0.427 0.419 0.506 0.445 0.388  25.27
44)m METHYL ISOBUTYL K 0.251 0.297 0.519 0.573 0.567 0.665 0.572 0.492  31.67
         ----- Quadratic regression -----  Coefficient =  0.9971
              Response Ratio = -0.03845 + 0.71680 *A + -0.03315 *A^2

45)m cis-1,3-DICHLOROP 0.197 0.210 0.312 0.359 0.393 0.448 0.423 0.335  29.81
46)m TOLUENE           0.359 0.386 0.388 0.474 0.497 0.580 0.539 0.460  18.43
47)m trans-1,3-DICHLOR 0.136 0.157 0.284 0.328 0.352 0.421 0.401 0.297  37.84
         ----- Quadratic regression -----  Coefficient =  0.9981
              Response Ratio = -0.02486 + 0.41986 *A + -0.00267 *A^2

48)m 1,1,2-TRICHLOROET 0.214 0.225 0.239 0.252 0.252 0.293 0.269 0.249  10.69

49) I   CHLOROBENZENE-D5      ----------------ISTD---------------------
50)m 2-HEXANONE        0.185 0.183 0.465 0.559 0.539 0.640 0.557 0.447  41.77
         ----- Quadratic regression -----  Coefficient =  0.9972
              Response Ratio = -0.03943 + 0.68503 *A + -0.02881 *A^2

51)m TETRACHLOROETHYLE 0.442 0.427 0.450 0.485 0.457 0.585 0.536 0.483  11.87
52)m DIBROMOCHLOROMETH 0.709 0.690 0.753 0.845 0.807 0.970 0.903 0.811  12.64
53)m 1,2-DIBROMOETHANE 0.383 0.367 0.478 0.526 0.521 0.615 0.552 0.492  18.28
54)m CHLOROBENZENE     0.699 0.655 0.794 0.830 0.789 0.917 0.844 0.790  11.24
55)m ETHYLBENZENE      0.566 0.624 1.151 1.341 1.339 1.549 1.403 1.139  34.24
         ----- Quadratic regression -----  Coefficient =  0.9982
              Response Ratio = -0.08323 + 1.62055 *A + -0.04785 *A^2

56)m m,p-XYLENE        0.195 0.229 0.460 0.520 0.509 0.588 0.532 0.433  36.05
         ----- Quadratic regression -----  Coefficient =  0.9983
              Response Ratio = -0.05916 + 0.61471 *A + -0.00911 *A^2

57)m o-XYLENE          0.182 0.219 0.473 0.506 0.500 0.589 0.528 0.428  37.37
         ----- Quadratic regression -----  Coefficient =  0.9978
              Response Ratio = -0.03131 + 0.61569 *A + -0.01930 *A^2

58)m STYRENE           0.166 0.183 0.511 0.653 0.659 0.765 0.713 0.521  47.86
         ----- Quadratic regression -----  Coefficient =  0.9985
              Response Ratio = -0.04506 + 0.78786 *A + -0.01532 *A^2

59)m NONANE            0.268 0.351 0.633 0.704 0.654 0.768 0.707 0.584  33.18
         ----- Quadratic regression -----  Coefficient =  0.9982
              Response Ratio = -0.03259 + 0.78721 *A + -0.01728 *A^2

60)m BROMOFORM         0.561 0.548 0.703 0.771 0.758 0.925 0.883 0.736  19.68
61)S 4-BROMOFLUOROBENZ 0.662 0.728 0.702 0.710 0.758 0.759 0.803 0.732   6.29
62)m 1,1,2,2-TETRACHLO 0.509 0.487 0.733 0.788 0.724 0.851 0.762 0.693  20.20
63)m ISOPROPYLBENZENE  0.746 0.883 1.453 1.597 1.508 1.818 1.660 1.381  29.39
64)m 2-CHLOROTOLUENE   0.383 0.453 0.963 1.091 0.901 1.255 1.170 0.888  38.61
         ----- Quadratic regression -----  Coefficient =  0.9950
              Response Ratio = -0.06437 + 1.20884 *A + -0.00385 *A^2

65)m 4-ETHYLTOLUENE    0.382 0.448 1.172 1.324 1.306 1.620 1.506 1.109  44.69
```

Initial Calibration Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ246-ICC246
Lab FileID: Q4771.D

```
          ----- Quadratic regression -----  Coefficient =  0.9973
               Response Ratio = -0.09555 + 1.62769 *A + -0.02255 *A^2

66)m 1,3,5-TRIMETHYLBE 0.407 0.512 1.154 1.272 1.268 1.524 1.385 1.074  40.63
          ----- Quadratic regression -----  Coefficient =  0.9976
               Response Ratio = -0.08698 + 1.57000 *A + -0.03918 *A^2

67)m 1,2,4-TRIMETHYLBE 0.303 0.317 0.914 0.984 1.022 1.303 1.191 0.862  46.31
          ----- Quadratic regression -----  Coefficient =  0.9963
               Response Ratio = -0.08881 + 1.31380 *A + -0.02341 *A^2

68)m m-DICHLOROBENZENE 0.175 0.232 0.577 0.619 0.557 0.690 0.546 0.485  41.03
          ----- Quadratic regression -----  Coefficient =  0.9941
               Response Ratio = -0.04459 + 0.77110 *A + -0.05244 *A^2

69)m BENZYL CHLORIDE   0.077 0.123 0.532 0.624 0.612 0.780 0.612 0.480  56.27
          ----- Quadratic regression -----  Coefficient =  0.9928
               Response Ratio = -0.06685 + 0.87431 *A + -0.06002 *A^2

70)m p-DICHLOROBENZENE 0.124 0.191 0.522 0.558 0.523 0.645 0.497 0.437  45.27
          ----- Quadratic regression -----  Coefficient =  0.9934
               Response Ratio = -0.04679 + 0.73366 *A + -0.05533 *A^2

71)m o-DICHLOROBENZENE 0.182 0.217 0.517 0.568 0.523 0.477 0.510 0.428  37.06
          ----- Quadratic regression -----  Coefficient =  0.9987
               Response Ratio = 0.00818 + 0.47680 *A + 0.00737 *A^2

72)m HEXACHLOROBUTADIE 0.270 0.300 0.389 0.375 0.344 0.321 0.267 0.324  14.92
73)m 1,2,4-TRICHLOROBE       0.003 0.071 0.086 0.095 0.099 0.090 0.074  48.56
          ----- Quadratic regression -----  Coefficient =  0.9997
               Response Ratio = -0.00806 + 0.11061 *A + -0.00468 *A^2

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

          Q100207T.m        Wed Oct 03 09:38:08 2007   RPT1
```

Initial Calibration Verification

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ247-ICV246
Lab FileID: Q4786A.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Q4786a.D Vial: 3
Acq On : 3 Oct 2007 8:53 am Operator: danat
Sample : icv246-10 (M112) Inst : MAMSQ
Misc : MS14329,MSQ247,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\msdchem\1\METHODS\Q100207T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Wed Oct 03 09:29:03 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	RT Window
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	121	0.00	8.32- 8.92
2	m	DICHLORODIFLUOROMETHAN	6.218	5.003	19.5	135	0.00	3.73- 4.33
3	m	PROPYLENE	0.838	0.851	-1.6	165#	0.00	3.66- 4.26
4	m	FREON 114	5.178	4.452	14.0	149#	0.00	3.99- 4.59
5	m	CHLOROMETHANE	1.161	1.048	9.7	162#	0.00	3.89- 4.49
6	m	VINYL CHLORIDE	1.301	1.203	7.5	152#	0.00	4.11- 4.71
7	m	1,3-BUTADIENE	1.061	1.010	4.8	158#	0.00	4.25- 4.85
8	m	BROMOMETHANE	1.639	1.395	14.9	99	0.00	4.53- 5.13
9	m	CHLOROETHANE	0.541	0.568	-5.0	164#	0.00	4.70- 5.30
10	m	TRICHLOROFLUOROMETHANE	6.439	5.197	19.3	99	0.00	5.48- 6.08
11	m	ISOPROPYL ALCOHOL	2.215	1.798	18.8	101	0.00	5.52- 6.12
		----------	True	Calc.	% Drift		----------	
12	m	ACETONE	10.000	7.361	26.4	88	0.00	5.28- 5.88
		----------	AvgRF	CCRF	% Dev		----------	
13	m	PENTANE	1.374	1.219	11.3	105	0.00	5.83- 6.43
14	m	1,1-DICHLOROETHYLENE	1.534	1.371	10.6	103	0.00	6.11- 6.71
15	m	CARBON DISULFIDE	4.484	3.765	16.0	98	0.00	6.54- 7.14
16	m	ETHANOL	0.436	0.360	17.4	94	0.00	4.78- 5.38
17	m	BROMOETHENE	1.545	1.356	12.2	101	0.00	5.06- 5.66
		----------	True	Calc.	% Drift		----------	
18	m	METHYLENE CHLORIDE	10.000	8.918	10.8	117	0.00	6.23- 6.83
		----------	AvgRF	CCRF	% Dev		----------	
19	m	3-CHLOROPROPENE	1.504	1.368	9.0	110	0.00	6.35- 6.95
20	m	FREON 113	3.508	2.948	16.0	109	0.00	6.49- 7.09
21	m	TRANS-1,2-DICHLOROETHY	1.525	1.373	10.0	122	0.00	7.16- 7.76
22	m	TERTIARY BUTYL ALCOHOL	2.687	2.470	8.1	98	0.00	6.12- 6.72
23	m	METHYL TERTIARY BUTYL	3.462	2.769	20.0	93	0.00	7.39- 7.99
		----------	True	Calc.	% Drift		----------	
24	m	TETRAHYDROFURAN	10.000	7.776	22.2	90	0.00	8.83- 9.43
		----------	AvgRF	CCRF	% Dev		----------	
25	m	HEXANE	1.751	1.575	10.1	108	0.00	8.35- 8.95
26	m	VINYL ACETATE	2.494	2.081	16.6	89	0.00	7.47- 8.07
27	m	1,1-DICHLOROETHANE	2.696	2.388	11.4	116	0.00	7.35- 7.95
28	m	METHYL ETHYL KETONE	2.187	1.858	15.0	94	0.00	7.72- 8.32
29	m	cis-1,2-DICHLOROETHYLE	1.162	1.205	-3.7	116	0.00	8.16- 8.76
30	m	ETHYL ACETATE	3.385	2.941	13.1	99	0.00	8.35- 8.95

Initial Calibration Verification

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ247-ICV246
Lab FileID: Q4786A.D

31	m	CHLOROFORM	3.662	3.277	10.5	113	0.00	8.44- 9.04
32	m	1,1,1-TRICHLOROETHANE	3.909	3.367	13.9	111	0.00	9.39- 9.99
33	m	CARBON TETRACHLORIDE	4.957	4.205	15.2	107	0.00	9.98-10.58
34	m	1,2-DICHLOROETHANE	2.238	1.900	15.1	97	0.00	9.15- 9.75
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	110	0.00	10.15-10.75
36	m	BENZENE	0.659	0.647	1.8	104	0.00	9.84-10.44
37	m	CYCLOHEXANE	0.297	0.320	-7.7	108	0.00	10.10-10.70
38	m	TRICHLOROETHYLENE	0.410	0.426	-3.9	114	0.00	10.83-11.43
39	m	1,2-DICHLOROPROPANE	0.233	0.215	7.7	98	0.00	10.61-11.21
40	m	BROMODICHLOROMETHANE	0.762	0.702	7.9	104	0.00	10.80-11.40
41	m	2,2,4-TRIMETHYLPENTANE	1.123	1.218	-8.5	115	0.00	10.86-11.46
		----------	True	Calc.	% Drift		----------	
42	m	1,4-DIOXANE	10.000	8.093	19.1	105	0.00	10.79-11.46
		----------	AvgRF	CCRF	% Dev		----------	
43	m	HEPTANE	0.388	0.445	-14.7	117	0.00	11.09-11.69
		----------	True	Calc.	% Drift		----------	
44	m	METHYL ISOBUTYL KETONE	10.000	7.952	20.5	99	0.00	11.66-12.26
		----------	AvgRF	CCRF	% Dev		----------	
45	m	cis-1,3-DICHLOROPROPEN	0.335	0.343	-2.4	96	0.00	11.65-12.25
46	m	TOLUENE	0.460	0.422	8.3	94	0.00	12.61-13.21
		----------	True	Calc.	% Drift		----------	
47	m	trans-1,3-DICHLOROPROP	10.000	8.176	18.2	99	0.00	12.15-12.75
		----------	AvgRF	CCRF	% Dev		----------	
48	m	1,1,2-TRICHLOROETHANE	0.249	0.231	7.2	101	0.00	12.33-12.93
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	111	0.00	14.39-14.99
		----------	True	Calc.	% Drift		----------	
50	m	2-HEXANONE	10.000	8.478	15.2	107	0.00	12.83-13.43
		----------	AvgRF	CCRF	% Dev		----------	
51	m	TETRACHLOROETHYLENE	0.483	0.479	0.8	116	0.00	13.74-14.34
52	m	DIBROMOCHLOROMETHANE	0.811	0.748	7.8	102	0.00	13.04-13.64
53	m	1,2-DIBROMOETHANE	0.492	0.472	4.1	100	0.00	13.29-13.89
54	m	CHLOROBENZENE	0.790	0.740	6.3	104	0.00	14.44-15.04
		----------	True	Calc.	% Drift		----------	
55	m	ETHYLBENZENE	10.000	7.808	21.9	95	0.00	14.82-15.42
56	m	m,p-XYLENE	20.000	15.847	20.8	97	0.00	15.01-15.61
57	m	o-XYLENE	10.000	8.104	19.0	101	0.00	15.51-16.11
58	m	STYRENE	10.000	8.535	14.6	104	0.00	15.39-15.99
59	m	NONANE	10.000	9.182	8.2	114	0.00	15.71-16.31
		----------	AvgRF	CCRF	% Dev		----------	
60	m	BROMOFORM	0.736	0.706	4.1	103	0.00	15.11-15.71
61	S	4-BROMOFLUOROBENZENE	0.732	0.791	-8.1	115	0.00	16.01-16.61
62	m	1,1,2,2-TETRACHLOROETH	0.693	0.705	-1.7	108	0.00	15.50-16.10
63	m	ISOPROPYLBENZENE	1.381	1.379	0.1	101	0.00	16.16-16.76
		----------	True	Calc.	% Drift		----------	
64	m	2-CHLOROTOLUENE	10.000	8.999	10.0	125	0.00	16.71-17.31
65	m	4-ETHYLTOLUENE	10.000	8.781	12.2	111	0.00	16.90-17.50
66	m	1,3,5-TRIMETHYLBENZENE	10.000	8.693	13.1	109	0.00	16.98-17.58

Initial Calibration Verification

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ247-ICV246
Lab FileID: Q4786A.D

```
67 m   1,2,4-TRIMETHYLBENZENE  10.000   9.315      6.9  121   0.00   17.45-18.05
68 m   m-DICHLOROBENZENE       10.000   9.770      2.3  131   0.00   17.63-18.23
69 m   BENZYL CHLORIDE         10.000   9.913      0.9  134   0.00   17.60-18.20
70 m   p-DICHLOROBENZENE       10.000  10.266     -2.7  137   0.00   17.70-18.30
71 m   o-DICHLOROBENZENE       10.000  12.074    -20.7  126   0.00   18.09-18.69

           ----------------------- AvgRF   CCRF     % Dev   -------------
72 m   HEXACHLOROBUTADIENE      0.324   0.393    -21.3  126   0.00   20.49-21.09

           ----------------------- True    Calc.   % Drift  ------------
73 m   1,2,4-TRICHLOROBENZENE  10.000  20.108    -101.1# 227   0.00   20.00-20.60

           ----------------------- 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
    Q4771.D    Q100207T.m       Wed Oct 03 11:38:27 2007   RPT1
```

Continuing Calibration Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ248-CC246
Lab FileID: Q4807.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Q4807.D Vial: 1
Acq On : 4 Oct 2007 9:10 am Operator: danat
Sample : cc246-10 (M112) Inst : MAMSQ
Misc : MS14329,MSQ248,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\msdchem\1\METHODS\Q100207T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Wed Oct 03 09:29:03 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	RT Window
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	128	0.00	8.32- 8.92
2	m	DICHLORODIFLUOROMETHAN	6.218	6.629	-6.6	189#	0.00	3.73- 4.33
3	m	PROPYLENE	0.838	1.078	-28.6	221#	0.00	3.66- 4.26
4	m	FREON 114	5.178	6.144	-18.7	216#	0.00	3.99- 4.59
5	m	CHLOROMETHANE	1.161	1.460	-25.8	238#	0.00	3.89- 4.49
6	m	VINYL CHLORIDE	1.301	1.617	-24.3	216#	0.00	4.11- 4.71
7	m	1,3-BUTADIENE	1.061	1.374	-29.5	226#	0.00	4.25- 4.85
8	m	BROMOMETHANE	1.639	1.845	-12.6	139	0.00	4.52- 5.12
9	m	CHLOROETHANE	0.541	0.702	-29.8	214#	0.00	4.70- 5.30
10	m	TRICHLOROFLUOROMETHANE	6.439	6.515	-1.2	130	0.00	5.48- 6.08
11	m	ISOPROPYL ALCOHOL	2.215	1.772	20.0	105	0.00	5.52- 6.12
		----------	True	Calc.	% Drift	----------		
12	m	ACETONE	10.000	8.515	14.8	107	0.00	5.28- 5.88
		----------	AvgRF	CCRF	% Dev	----------		
13	m	PENTANE	1.374	1.516	-10.3	138	0.00	5.83- 6.43
14	m	1,1-DICHLOROETHYLENE	1.534	1.596	-4.0	127	0.00	6.11- 6.71
15	m	CARBON DISULFIDE	4.484	4.574	-2.0	126	0.00	6.54- 7.14
16	m	ETHANOL	0.436	0.378	13.3	104	0.00	4.79- 5.39
17	m	BROMOETHENE	1.545	1.616	-4.6	126	0.00	5.06- 5.66
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	11.381	-13.8	153	0.00	6.22- 6.82
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	1.504	1.550	-3.1	132	0.00	6.35- 6.95
20	m	FREON 113	3.508	3.332	5.0	130	0.00	6.49- 7.09
21	m	TRANS-1,2-DICHLOROETHY	1.525	1.483	2.8	139	0.00	7.15- 7.75
22	m	TERTIARY BUTYL ALCOHOL	2.687	2.434	9.4	102	0.00	6.12- 6.72
23	m	METHYL TERTIARY BUTYL	3.462	2.785	19.6	99	0.00	7.39- 7.99
		----------	True	Calc.	% Drift	----------		
24	m	TETRAHYDROFURAN	10.000	8.411	15.9	102	0.00	8.83- 9.43
		----------	AvgRF	CCRF	% Dev	----------		
25	m	HEXANE	1.751	1.826	-4.3	132	0.00	8.36- 8.96
26	m	VINYL ACETATE	2.494	2.240	10.2	101	0.00	7.47- 8.07
27	m	1,1-DICHLOROETHANE	2.696	2.787	-3.4	143#	0.00	7.35- 7.95
28	m	METHYL ETHYL KETONE	2.187	1.962	10.3	104	0.00	7.72- 8.32
29	m	cis-1,2-DICHLOROETHYLE	1.162	1.300	-11.9	132	0.00	8.16- 8.76
30	m	ETHYL ACETATE	3.385	3.374	0.3	120	0.00	8.35- 8.95

Continuing Calibration Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ248-CC246
Lab FileID: Q4807.D

31	m	CHLOROFORM	3.662	3.776	-3.1	137	0.00	8.44- 9.04
32	m	1,1,1-TRICHLOROETHANE	3.909	3.849	1.5	133	0.00	9.39- 9.99
33	m	CARBON TETRACHLORIDE	4.957	4.784	3.5	128	0.00	9.98-10.58
34	m	1,2-DICHLOROETHANE	2.238	2.214	1.1	119	0.00	9.15- 9.75
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	113	0.00	10.15-10.75
36	m	BENZENE	0.659	0.782	-18.7	129	0.00	9.84-10.44
37	m	CYCLOHEXANE	0.297	0.375	-26.3	130	0.00	10.10-10.70
38	m	TRICHLOROETHYLENE	0.410	0.521	-27.1	142#	0.00	10.83-11.43
39	m	1,2-DICHLOROPROPANE	0.233	0.270	-15.9	126	0.00	10.61-11.21
40	m	BROMODICHLOROMETHANE	0.762	0.845	-10.9	129	0.00	10.80-11.40
41	m	2,2,4-TRIMETHYLPENTANE	1.123	1.519	-35.3#	147#	0.00	10.86-11.46
		----------	True	Calc.	% Drift		----------	
42	m	1,4-DIOXANE	10.000	9.572	4.3	128	0.00	10.79-11.46
		----------	AvgRF	CCRF	% Dev		----------	
43	m	HEPTANE	0.388	0.535	-37.9#	144#	0.00	11.09-11.69
		----------	True	Calc.	% Drift		----------	
44	m	METHYL ISOBUTYL KETONE	10.000	9.433	5.7	121	0.00	11.66-12.26
		----------	AvgRF	CCRF	% Dev		----------	
45	m	cis-1,3-DICHLOROPROPEN	0.335	0.421	-25.7	121	0.00	11.65-12.25
46	m	TOLUENE	0.460	0.535	-16.3	121	0.00	12.61-13.21
		----------	True	Calc.	% Drift		----------	
47	m	trans-1,3-DICHLOROPROP	10.000	9.783	2.2	123	0.00	12.15-12.75
		----------	AvgRF	CCRF	% Dev		----------	
48	m	1,1,2-TRICHLOROETHANE	0.249	0.291	-16.9	130	0.00	12.33-12.93
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	114	0.00	14.39-14.99
		----------	True	Calc.	% Drift		----------	
50	m	2-HEXANONE	10.000	10.023	-0.2	130	0.00	12.83-13.43
		----------	AvgRF	CCRF	% Dev		----------	
51	m	TETRACHLOROETHYLENE	0.483	0.564	-16.8	140#	0.00	13.74-14.34
52	m	DIBROMOCHLOROMETHANE	0.811	0.931	-14.8	131	0.00	13.04-13.64
53	m	1,2-DIBROMOETHANE	0.492	0.594	-20.7	130	0.00	13.29-13.89
54	m	CHLOROBENZENE	0.790	0.938	-18.7	135	0.00	14.44-15.04
		----------	True	Calc.	% Drift		----------	
55	m	ETHYLBENZENE	10.000	9.662	3.4	122	0.00	14.82-15.42
56	m	m,p-XYLENE	20.000	20.204	-1.0	128	0.00	15.01-15.61
57	m	o-XYLENE	10.000	10.252	-2.5	132	0.00	15.51-16.11
58	m	STYRENE	10.000	10.516	-5.2	132	0.00	15.39-15.99
59	m	NONANE	10.000	12.329	-23.3	159	0.00	15.71-16.31
		----------	AvgRF	CCRF	% Dev		----------	
60	m	BROMOFORM	0.736	0.882	-19.8	132	0.00	15.11-15.71
61	S	4-BROMOFLUOROBENZENE	0.732	0.838	-14.5	126	0.00	16.01-16.61
62	m	1,1,2,2-TETRACHLOROETH	0.693	0.911	-31.5#	143#	0.00	15.50-16.10
63	m	ISOPROPYLBENZENE	1.381	1.739	-25.9	131	0.00	16.15-16.75
		----------	True	Calc.	% Drift		----------	
64	m	2-CHLOROTOLUENE	10.000	11.223	-12.2	163	0.00	16.71-17.31
65	m	4-ETHYLTOLUENE	10.000	10.719	-7.2	141	0.00	16.89-17.49
66	m	1,3,5-TRIMETHYLBENZENE	10.000	10.555	-5.5	137	0.00	16.98-17.58

Continuing Calibration Summary

Job Number: M68147
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ248-CC246
Lab FileID: Q4807.D

67	m	1,2,4-TRIMETHYLBENZENE	10.000	11.320	-13.2	152	0.00	17.45-18.05
68	m	m-DICHLOROBENZENE	10.000	12.307	-23.1	168	0.00	17.63-18.23
69	m	BENZYL CHLORIDE	10.000	11.839	-18.4	164	0.00	17.61-18.21
70	m	p-DICHLOROBENZENE	10.000	12.444	-24.4	170	0.00	17.70-18.30
71	m	o-DICHLOROBENZENE	10.000	12.752	-27.5	137	0.00	18.09-18.69
		---------- AvgRF	CCRF	% Dev	----------			
72	m	HEXACHLOROBUTADIENE	0.324	0.432	-33.3#	143#	0.00	20.49-21.09
		---------- True	Calc.	% Drift	----------			
73	m	1,2,4-TRICHLOROBENZENE	10.000	21.014	-110.1#	243	0.00	20.00-20.60
		---------- 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
Q4771.D Q100207T.m Thu Oct 04 14:21:08 2007 RPT1

GC/MS Volatiles

Raw Data

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4821.D
Acq On : 4 Oct 2007 7:17 pm
Operator : danat
Sample : m68147-1 (M222)
Misc : MS14404,MSQ248,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 05 16:25:39 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Oct 03 09:29:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.621	128	320724	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.449	114	1423720	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.692	117	1210281	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.313	95	420289	4.75	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 95.00%

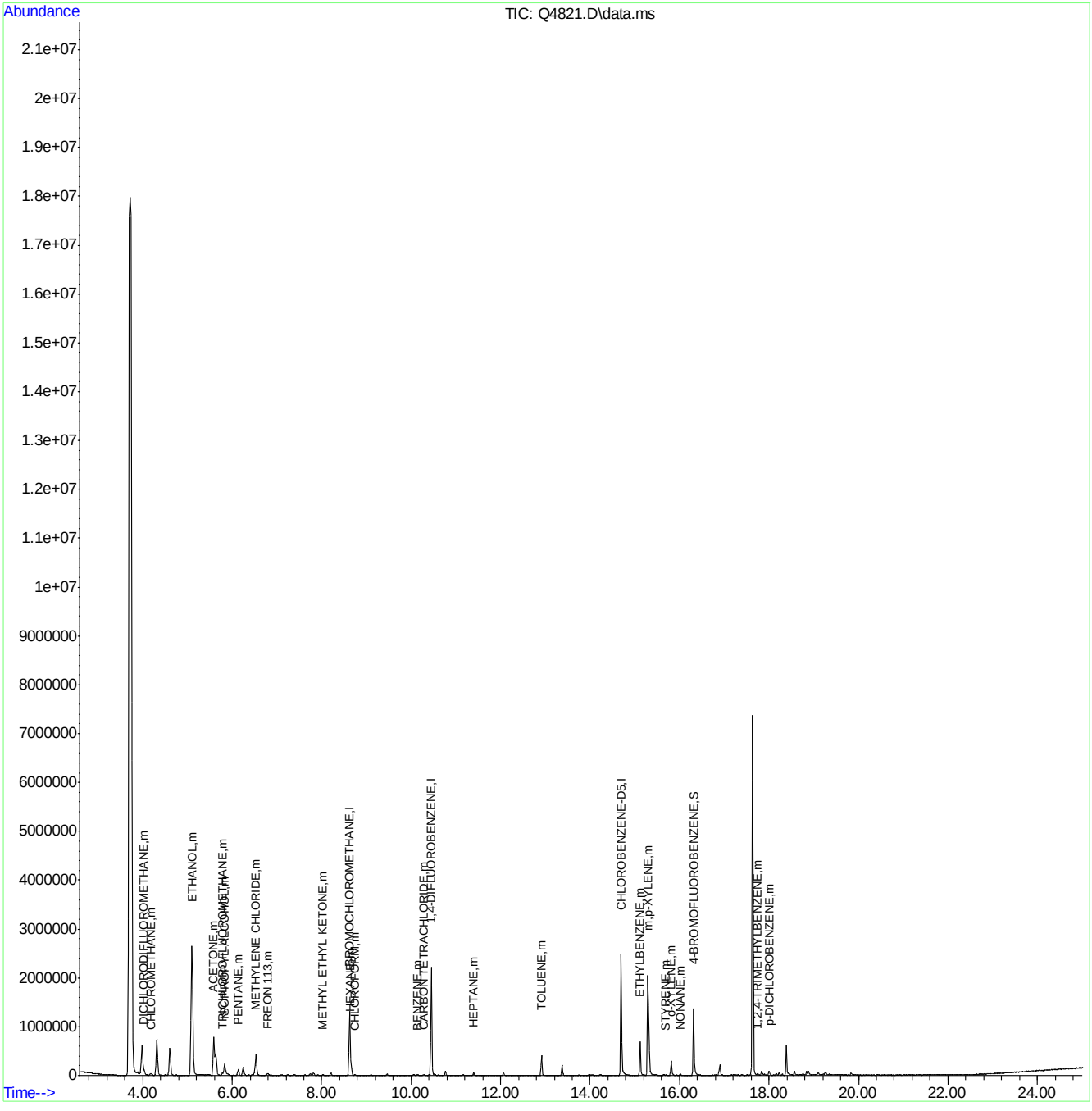
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.031	85	105377	0.53	PPBV	98
5) CHLOROMETHANE	4.191	50	27559	0.74	PPBV	100
10) TRICHLOROFLUOROMETHANE	5.774	101	48381	0.23	PPBV	99
11) ISOPROPYL ALCOHOL	5.826	45	285388	4.02	PPBV	78
12) ACETONE	5.584	43	1351976	20.00	PPBV	100
13) PENTANE	6.127	42	50805	1.15	PPBV	90
16) ETHANOL	5.098	45	4133918	295.64	PPBV	98
18) METHYLENE CHLORIDE	6.527	84	201574	3.84	PPBV	96
20) FREON 113	6.791	151	15925	0.14	PPBV	98
25) HEXANE	8.655	57	47099	0.84	PPBV #	79
28) METHYL ETHYL KETONE	8.030	43	30780	0.44	PPBV	97
31) CHLOROFORM	8.743	83	11199	0.10	PPBV	94
33) CARBON TETRACHLORIDE	10.280	117	14012	0.09	PPBV	97
36) BENZENE	10.140	78	15576	0.17	PPBV	96
43) HEPTANE	11.397	43	16331	0.30	PPBV	90
46) TOLUENE	12.914	92	135678	2.07	PPBV	93
55) ETHYLBENZENE	15.118	91	396119	2.55	PPBV	99
56) m,p-XYLENE	15.290	106	721235	10.83	PPBV	99
57) o-XYLENE	15.810	106	70917	1.47	PPBV	98
58) STYRENE	15.693	104	8187	0.66	PPBV	97
59) NONANE	16.011	43	8565	0.50	PPBV #	96
67) 1,2,4-TRIMETHYLBENZENE	17.743	105	11958	0.75	PPBV	92
70) p-DICHLOROBENZENE	18.002	146	35870	1.05	PPBV	97

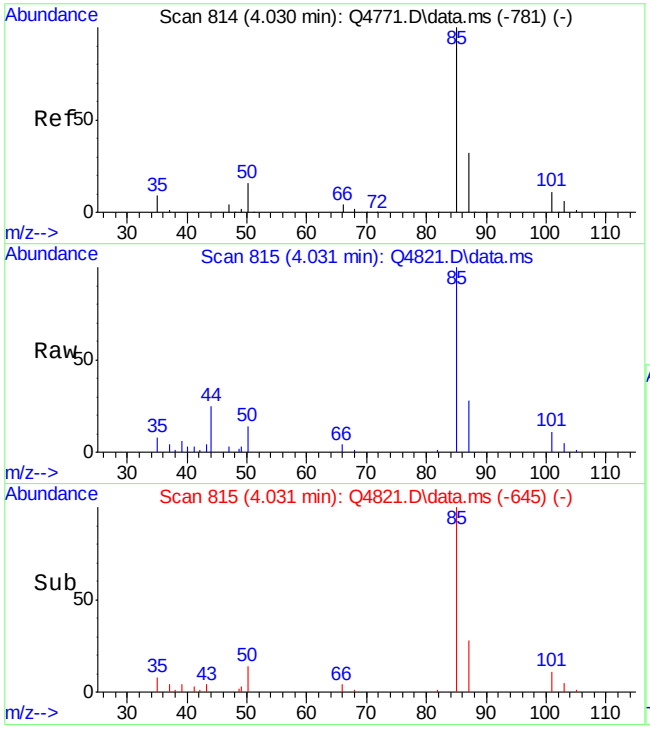
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4821.D
Acq On : 4 Oct 2007 7:17 pm
Operator : danat
Sample : m68147-1 (M222)
Misc : MS14404,MSQ248,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 05 16:25:39 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Oct 03 09:29:03 2007
Response via : Initial Calibration

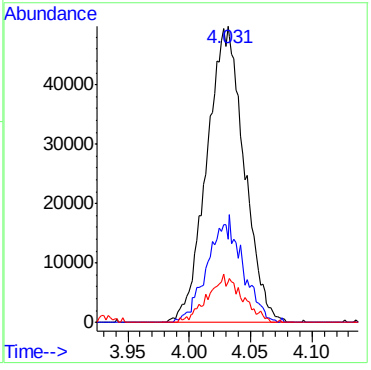


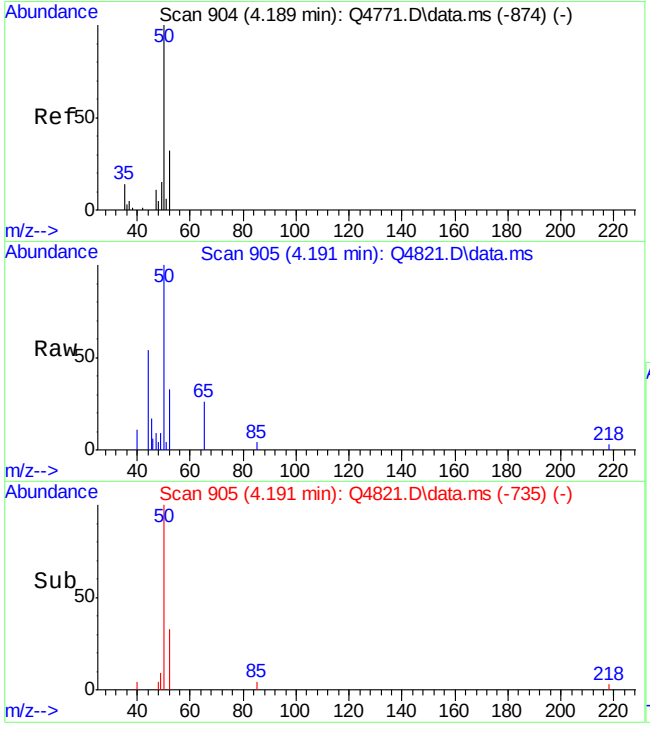


#2
DICHLORODIFLUOROMETHANE
Concen: 0.53 PPBV
RT: 4.031 min Scan# 815
Delta R.T. 0.002 min
Lab File: Q4821.D
Acq: 4 Oct 2007 7:17 pm

Tgt Ion: 85 Resp: 105377

Ion	Ratio	Lower	Upper
85	100		
87	33.5	12.3	52.3
50	14.8	0.0	34.5

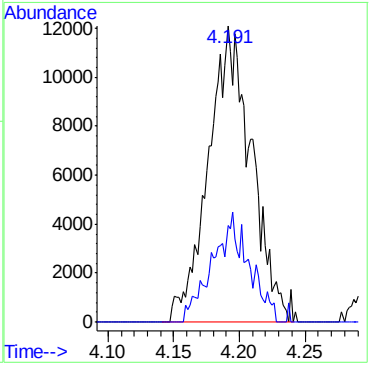


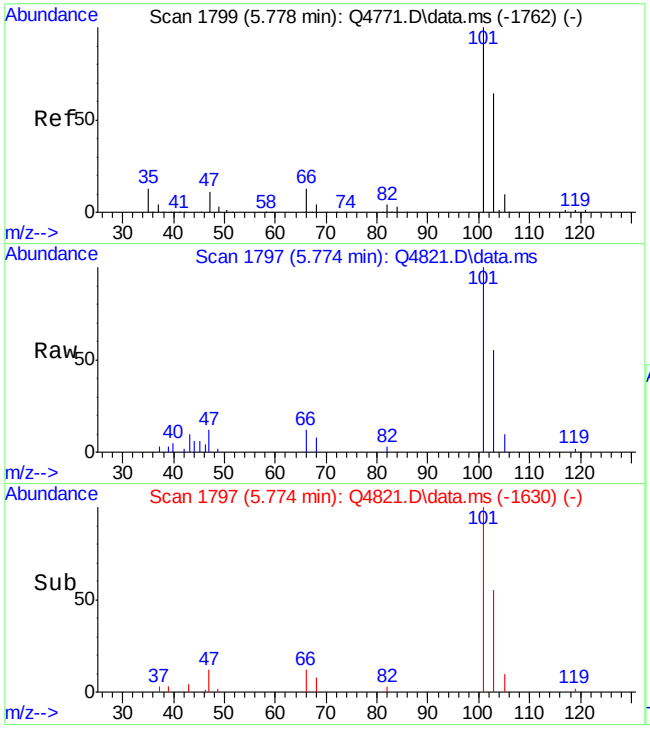


#5
CHLOROMETHANE
Concen: 0.74 PPBV
RT: 4.191 min Scan# 905
Delta R.T. 0.002 min
Lab File: Q4821.D
Acq: 4 Oct 2007 7:17 pm

Tgt Ion: 50 Resp: 27559

Ion	Ratio	Lower	Upper
50	100		
52	32.6	12.7	52.7

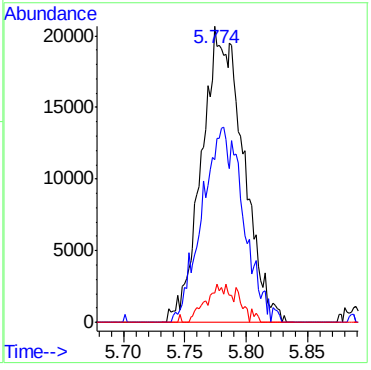


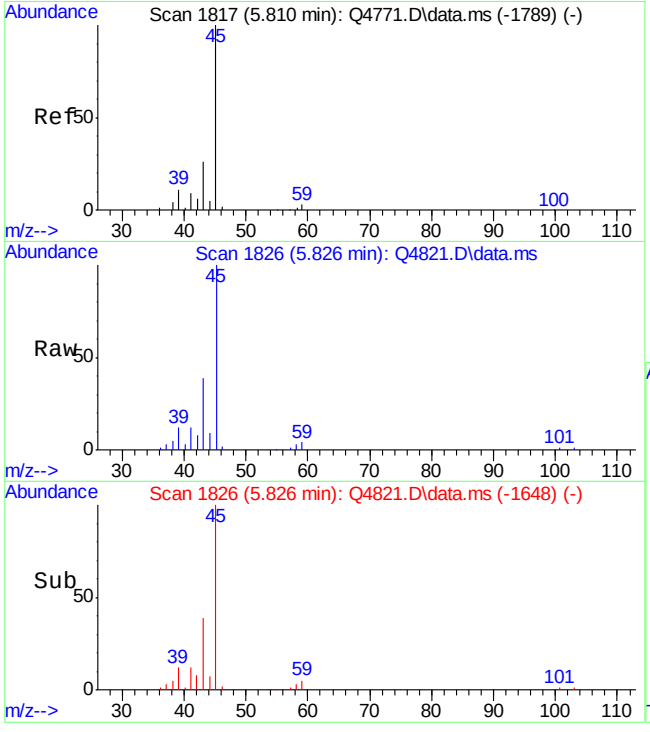


#10
TRICHLOROFLUOROMETHANE
Concen: 0.23 PPBV
RT: 5.774 min Scan# 1797
Delta R.T. -0.004 min
Lab File: Q4821.D
Acq: 4 Oct 2007 7:17 pm

Tgt Ion:101 Resp: 48381

Ion	Ratio	Lower	Upper
101	100		
103	65.1	44.5	84.5
105	10.0	0.0	30.2

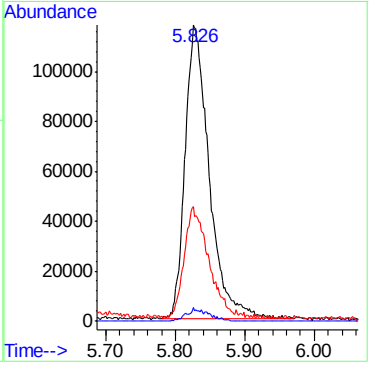


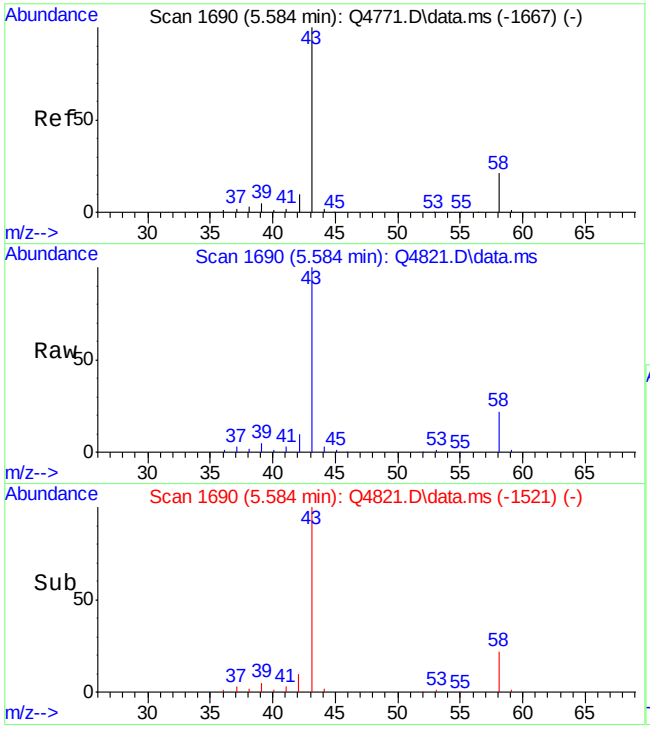


#11
ISOPROPYL ALCOHOL
Concen: 4.02 PPBV
RT: 5.826 min Scan# 1826
Delta R.T. 0.016 min
Lab File: Q4821.D
Acq: 4 Oct 2007 7:17 pm

Tgt Ion: 45 Resp: 285388

Ion	Ratio	Lower	Upper
45	100		
59	4.5	0.0	23.1
43	38.8	6.3	46.3

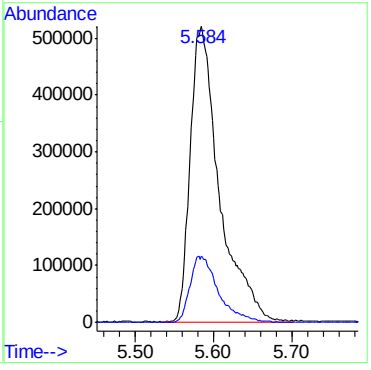


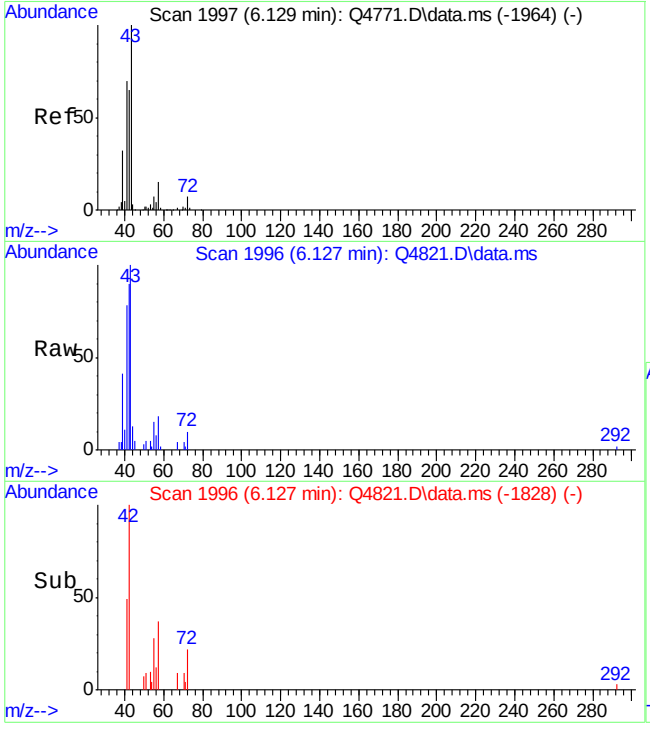


#12
ACETONE
Concen: 20.00 PPBV
RT: 5.584 min Scan# 1690
Delta R.T. 0.000 min
Lab File: Q4821.D
Acq: 4 Oct 2007 7:17 pm

Tgt Ion: 43 Resp: 1351976

Ion	Ratio	Lower	Upper
43	100		
58	21.7	1.6	41.6

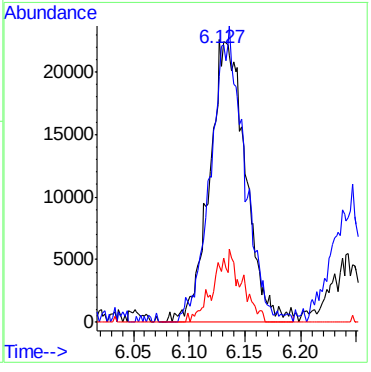




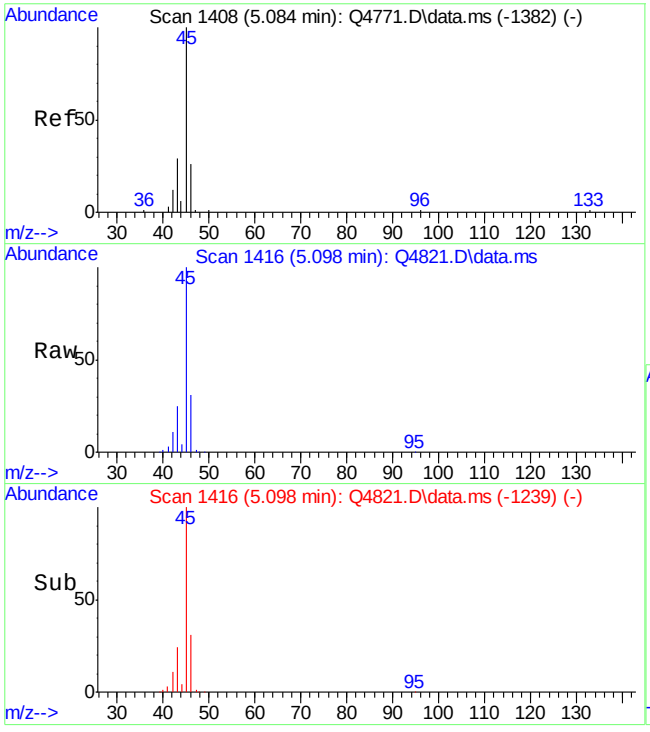
#13
PENTANE
Concen: 1.15 PPBV
RT: 6.127 min Scan# 1996
Delta R.T. -0.002 min
Lab File: Q4821.D
Acq: 4 Oct 2007 7:17 pm

Tgt Ion: 42 Resp: 50805

Ion	Ratio	Lower	Upper
42	100		
41	96.6	87.5	127.5
57	19.8	3.7	43.7



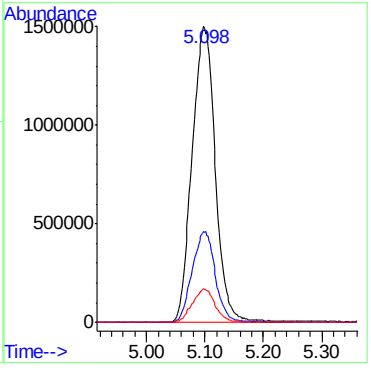
ACCUTEST Laboratories M68147

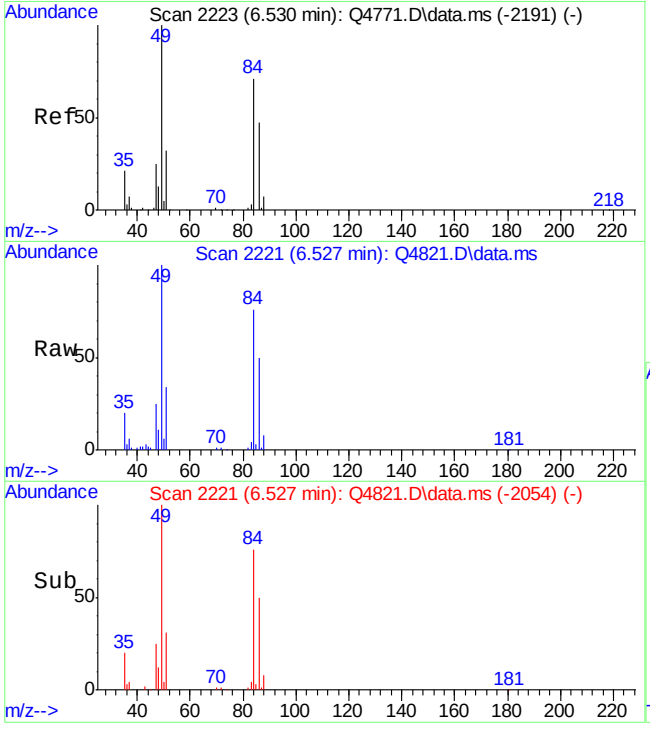


#16
ETHANOL
Concen: 295.64 PPBV
RT: 5.098 min Scan# 1416
Delta R.T. 0.014 min
Lab File: Q4821.D
Acq: 4 Oct 2007 7:17 pm

Tgt Ion: 45 Resp: 4133918

Ion	Ratio	Lower	Upper
45	100		
46	30.6	10.9	50.9
42	11.2	0.0	33.0

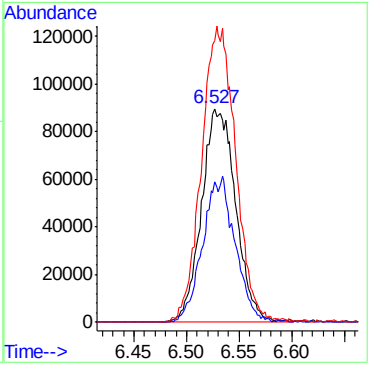


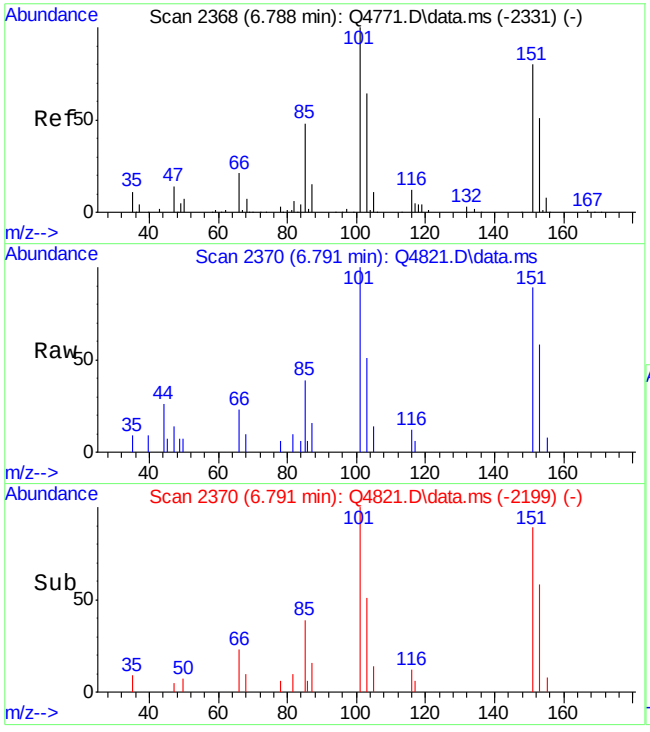


#18
METHYLENE CHLORIDE
Concen: 3.84 PPBV
RT: 6.527 min Scan# 2221
Delta R.T. -0.003 min
Lab File: Q4821.D
Acq: 4 Oct 2007 7:17 pm

Tgt Ion: 84 Resp: 201574

Ion	Ratio	Lower	Upper
84	100		
86	64.7	45.3	85.3
49	139.1	0.0	345.1

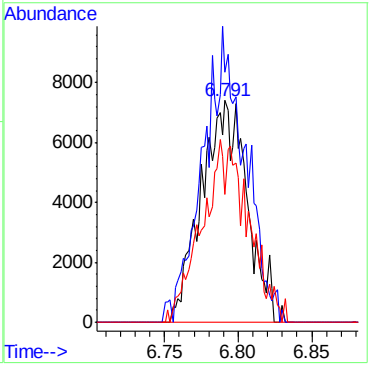


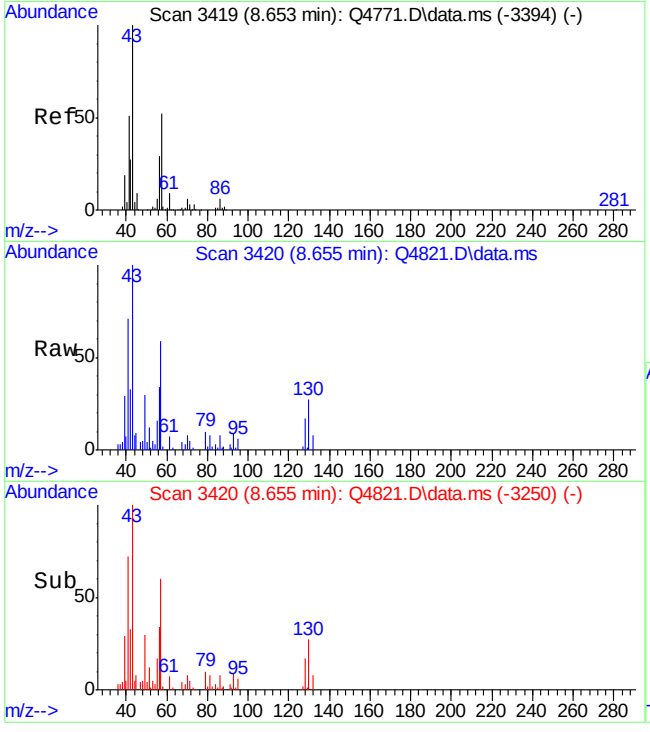


#20
FREON 113
Concen: 0.14 PPBV
RT: 6.791 min Scan# 2370
Delta R.T. 0.003 min
Lab File: Q4821.D
Acq: 4 Oct 2007 7:17 pm

Tgt Ion:151 Resp: 15925

Ion	Ratio	Lower	Upper
151	100		
101	123.4	103.1	143.1
103	83.3	58.5	98.5

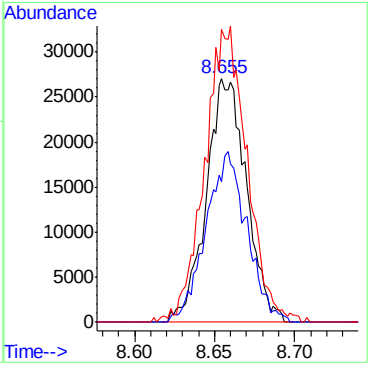


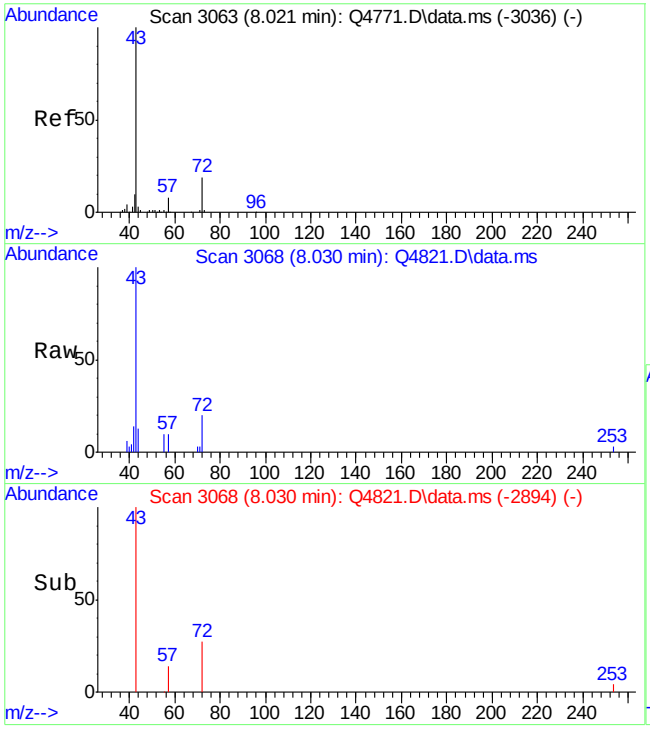


#25
HEXANE
Concen: 0.84 PPBV
RT: 8.655 min Scan# 3420
Delta R.T. 0.002 min
Lab File: Q4821.D
Acq: 4 Oct 2007 7:17 pm

Tgt Ion: 57 Resp: 47099

Ion	Ratio	Lower	Upper
57	100		
56	71.2	37.5	77.5
41	127.8	85.1	125.1#

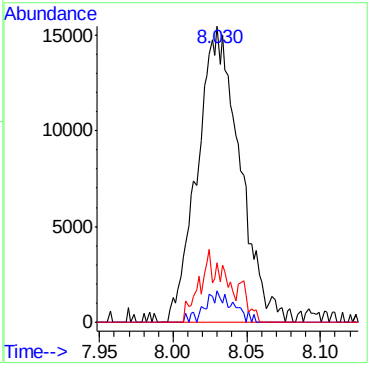


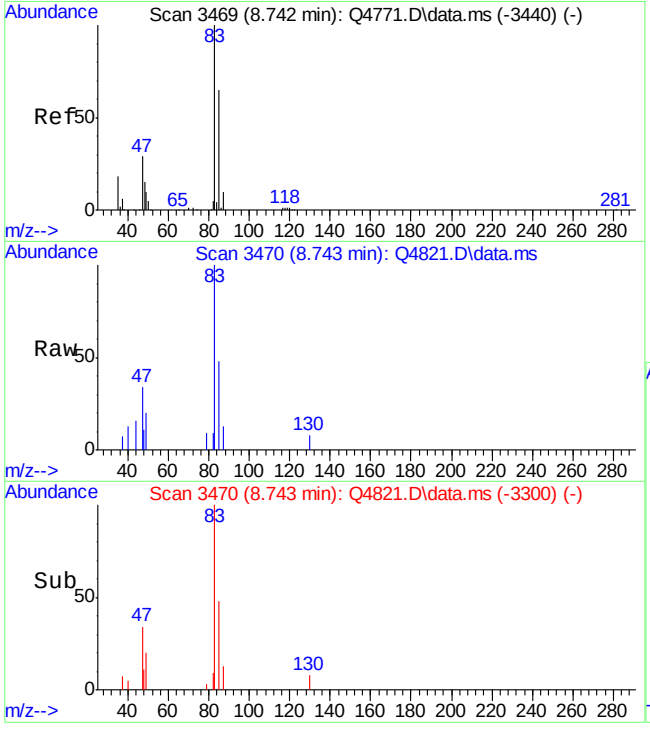


#28
METHYL ETHYL KETONE
Concen: 0.44 PPBV
RT: 8.030 min Scan# 3068
Delta R.T. 0.009 min
Lab File: Q4821.D
Acq: 4 Oct 2007 7:17 pm

Tgt Ion: 43 Resp: 30780

Ion	Ratio	Lower	Upper
43	100		
57	10.5	0.0	27.7
72	20.0	0.0	39.3

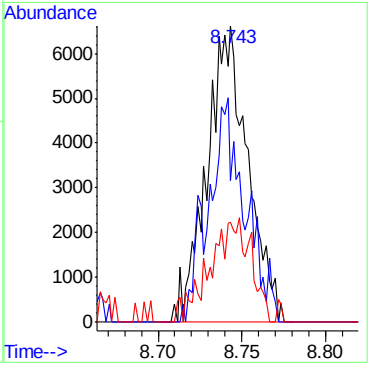


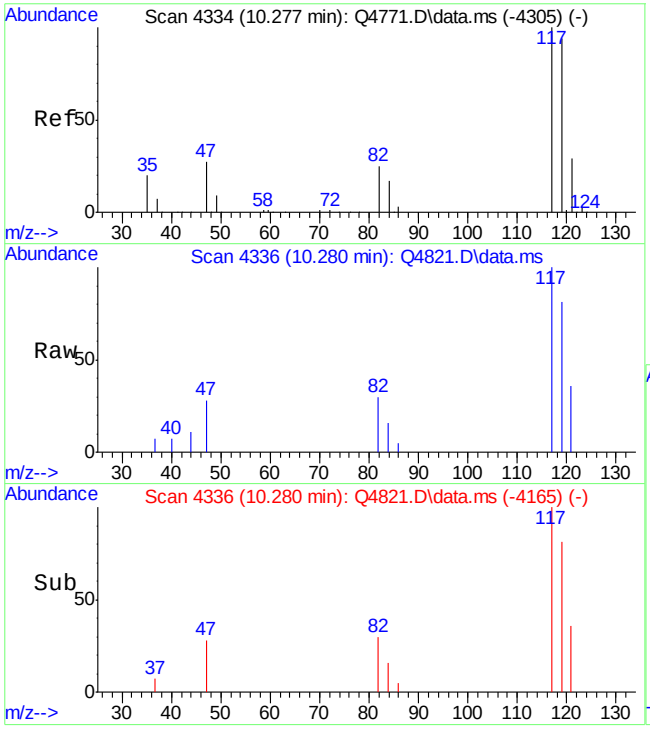


#31
CHLOROFORM
Concen: 0.10 PPBV
RT: 8.743 min Scan# 3470
Delta R.T. 0.002 min
Lab File: Q4821.D
Acq: 4 Oct 2007 7:17 pm

Tgt Ion: 83 Resp: 11199

Ion	Ratio	Lower	Upper
83	100		
85	68.1	45.0	85.0
47	35.5	10.2	50.2

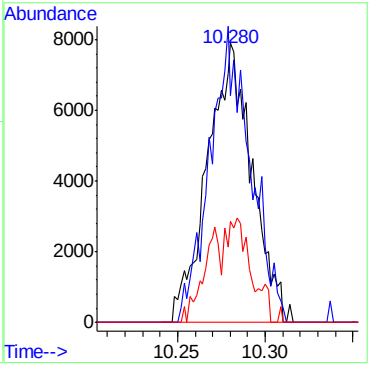


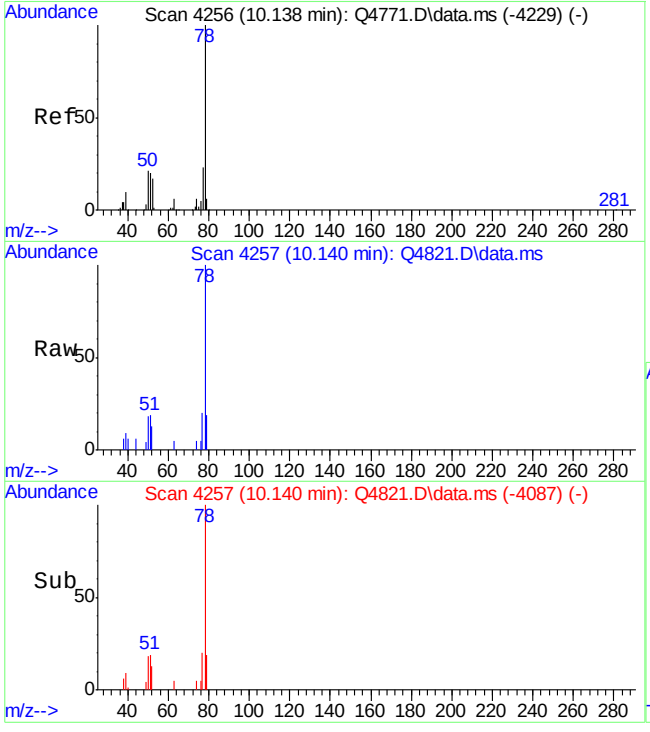


#33
CARBON TETRACHLORIDE
Concen: 0.09 PPBV
RT: 10.280 min Scan# 4336
Delta R.T. 0.003 min
Lab File: Q4821.D
Acq: 4 Oct 2007 7:17 pm

Tgt Ion:117 Resp: 14012

Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.6	116.6
121	34.5	10.7	50.7

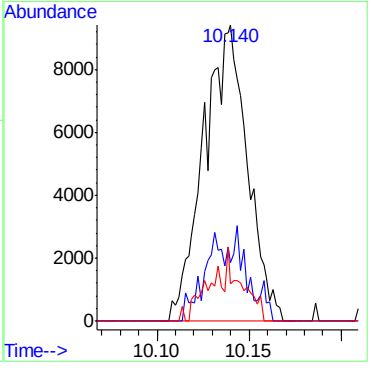


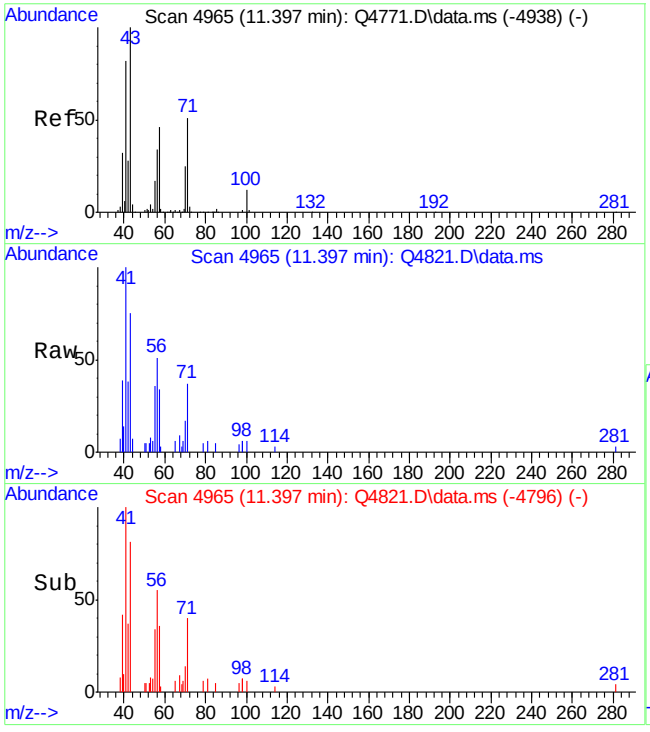


#36
BENZENE
Concen: 0.17 PPBV
RT: 10.140 min Scan# 4257
Delta R.T. 0.002 min
Lab File: Q4821.D
Acq: 4 Oct 2007 7:17 pm

Tgt Ion: 78 Resp: 15576

Ion	Ratio	Lower	Upper
78	100		
77	27.1	4.0	44.0
52	16.6	0.0	37.0

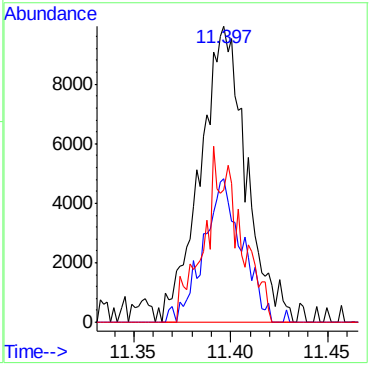


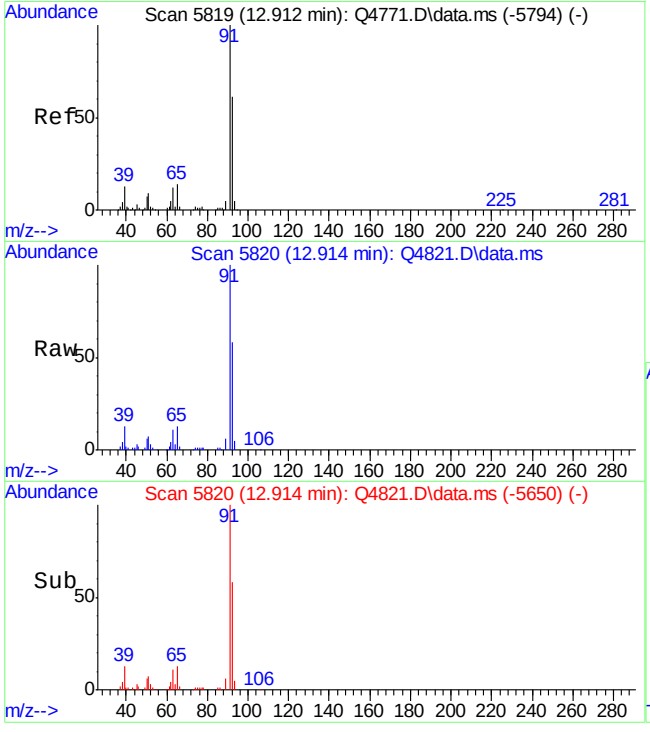


#43
HEPTANE
Concen: 0.30 PPBV
RT: 11.397 min Scan# 4965
Delta R.T. -0.000 min
Lab File: Q4821.D
Acq: 4 Oct 2007 7:17 pm

Tgt Ion: 43 Resp: 16331

Ion	Ratio	Lower	Upper
43	100		
71	40.6	30.8	70.8
57	46.0	29.0	69.0

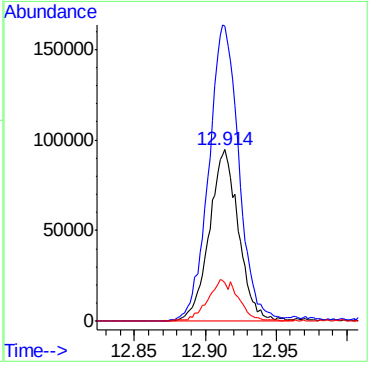


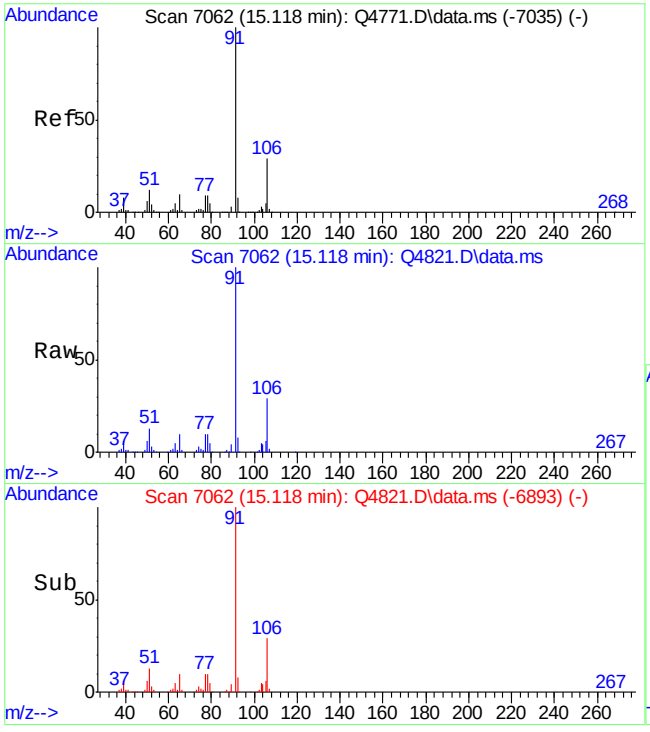


#46
TOLUENE
Concen: 2.07 PPBV
RT: 12.914 min Scan# 5820
Delta R.T. 0.002 min
Lab File: Q4821.D
Acq: 4 Oct 2007 7:17 pm

Tgt Ion: 92 Resp: 135678

Ion	Ratio	Lower	Upper
92	100		
91	180.3	150.2	190.2
65	25.3	1.8	41.8

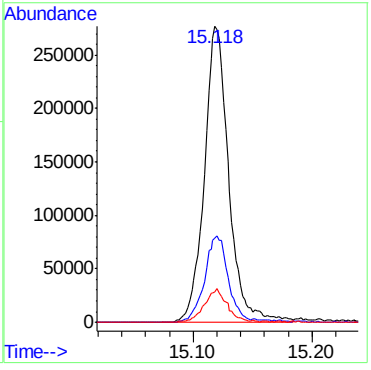


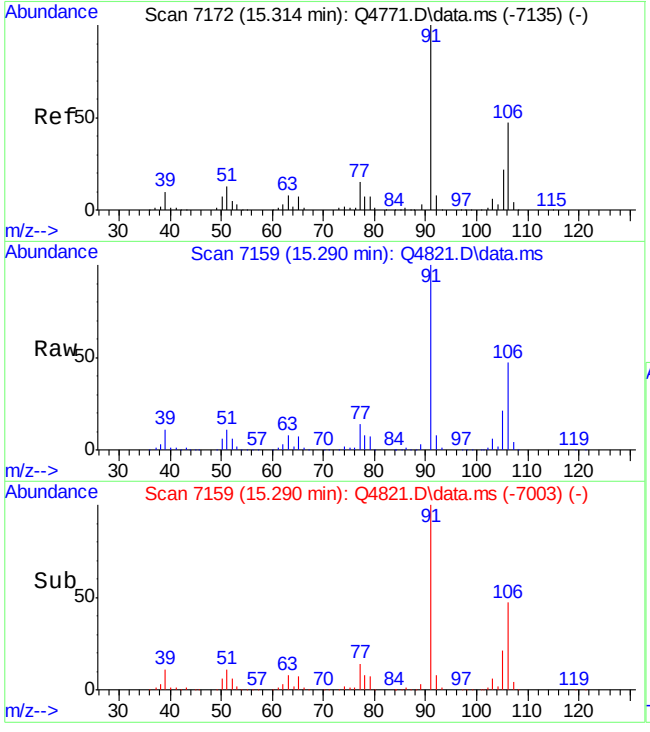


#55
ETHYLBENZENE
Concen: 2.55 PPBV
RT: 15.118 min Scan# 7062
Delta R.T. 0.000 min
Lab File: Q4821.D
Acq: 4 Oct 2007 7:17 pm

Tgt Ion: 91 Resp: 396119

Ion	Ratio	Lower	Upper
91	100		
106	28.8	8.9	48.9
77	10.8	0.0	29.4

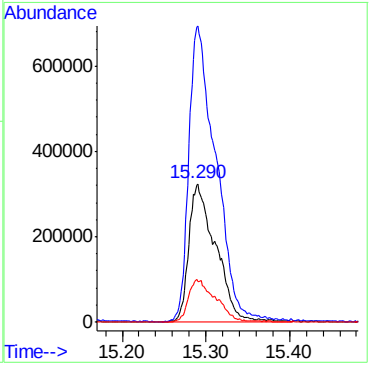


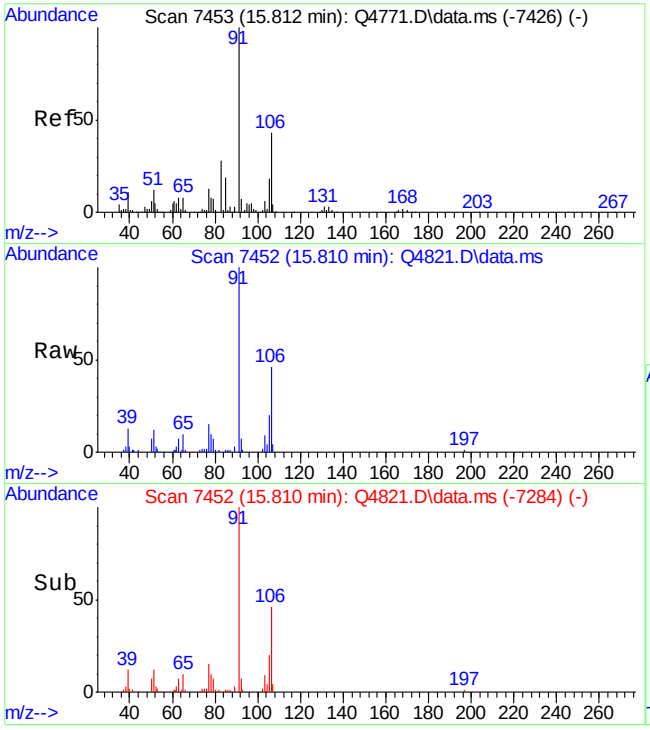


#56
m,p-XYLENE
Concen: 10.83 PPBV
RT: 15.290 min Scan# 7159
Delta R.T. -0.023 min
Lab File: Q4821.D
Acq: 4 Oct 2007 7:17 pm

Tgt Ion:106 Resp: 721235

Ion	Ratio	Lower	Upper
106	100		
91	214.1	170.9	256.3
77	29.6	25.1	37.7

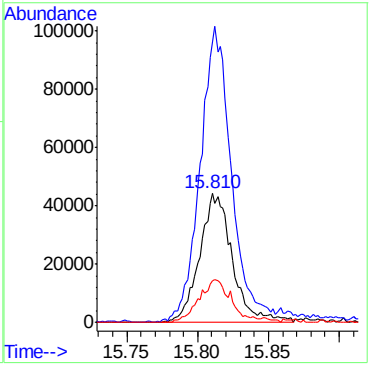


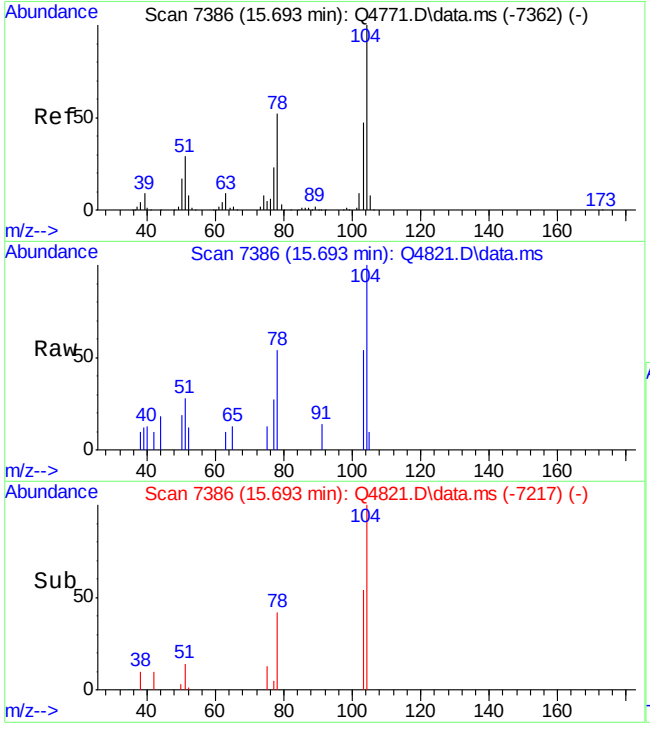


#57
o-XYLENE
Concen: 1.47 PPBV
RT: 15.810 min Scan# 7452
Delta R.T. -0.002 min
Lab File: Q4821.D
Acq: 4 Oct 2007 7:17 pm

Tgt Ion:106 Resp: 70917

Ion	Ratio	Lower	Upper
106	100		
91	229.9	212.7	252.7
77	33.3	11.3	51.3

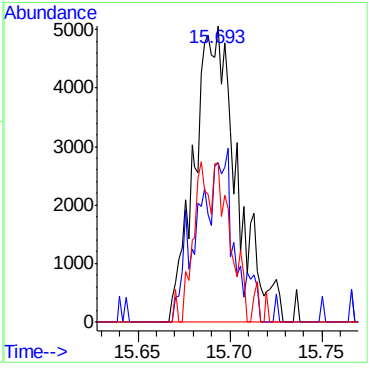


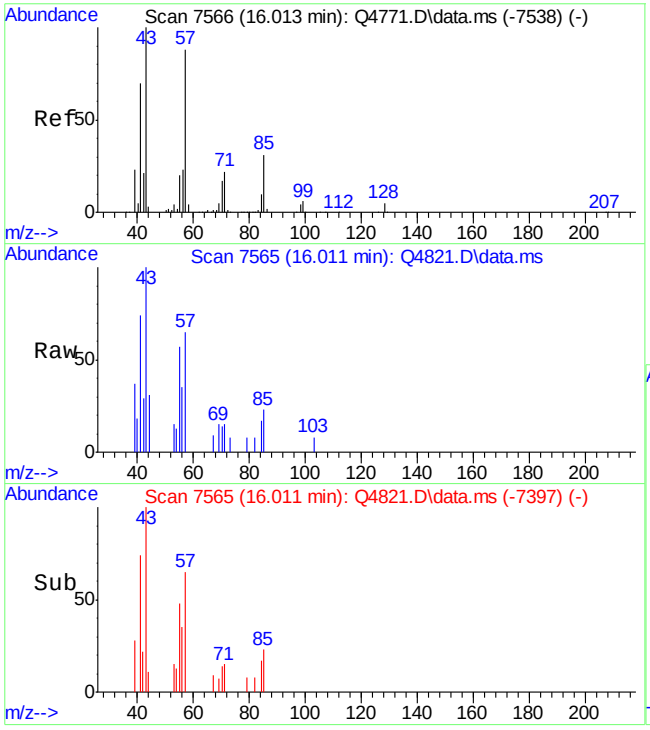


#58
STYRENE
Concen: 0.66 PPBV
RT: 15.693 min Scan# 7386
Delta R.T. 0.000 min
Lab File: Q4821.D
Acq: 4 Oct 2007 7:17 pm

Tgt Ion:104 Resp: 8187

Ion	Ratio	Lower	Upper
104	100		
78	49.4	30.3	70.3
103	44.2	27.6	67.6

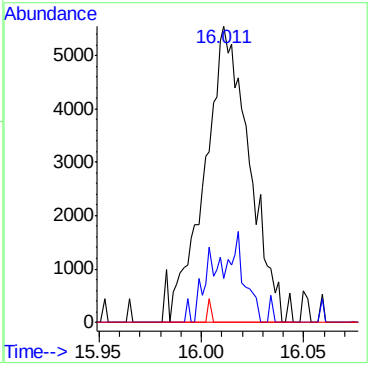


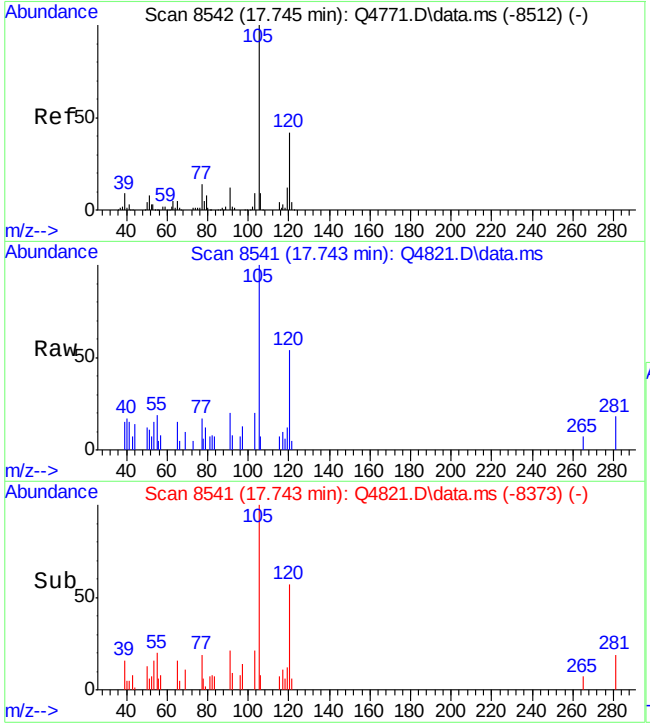


#59
NONANE
Concen: 0.50 PPBV
RT: 16.011 min Scan# 7565
Delta R.T. -0.001 min
Lab File: Q4821.D
Acq: 4 Oct 2007 7:17 pm

Tgt Ion: 43 Resp: 8565

Ion	Ratio	Lower	Upper
43	100		
71	20.6	1.4	41.4
128	0.0	0.0	24.3

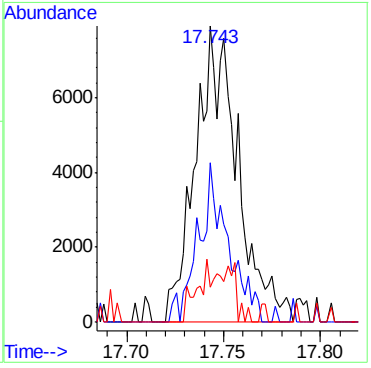


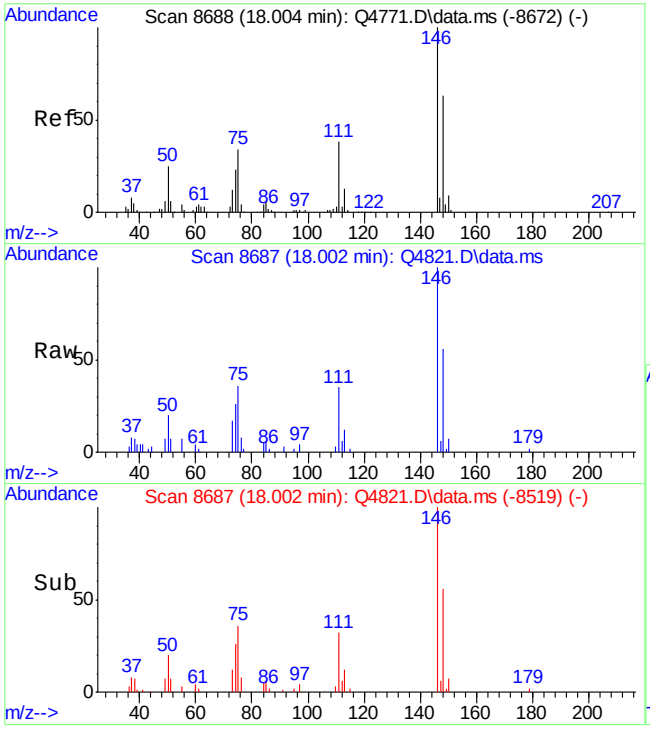


#67
1,2,4-TRIMETHYLBENZENE
Concen: 0.75 PPBV
RT: 17.743 min Scan# 8541
Delta R.T. -0.002 min
Lab File: Q4821.D
Acq: 4 Oct 2007 7:17 pm

Tgt Ion:105 Resp: 11958

Ion	Ratio	Lower	Upper
105	100		
120	38.1	23.2	63.2
119	15.2	0.0	31.5

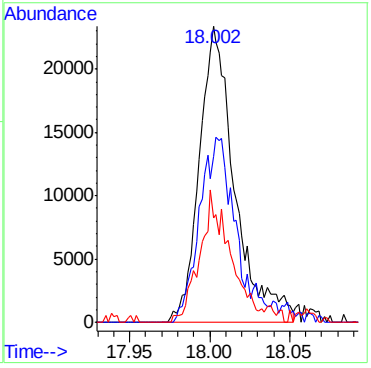




#70
p-DICHLOROBENZENE
Concen: 1.05 PPBV
RT: 18.002 min Scan# 8687
Delta R.T. -0.002 min
Lab File: Q4821.D
Acq: 4 Oct 2007 7:17 pm

Tgt Ion:146 Resp: 35870

Ion	Ratio	Lower	Upper
146	100		
148	67.4	44.1	84.1
111	40.5	21.2	61.2



6.1.1

6

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4823.D
Acq On : 4 Oct 2007 8:42 pm
Operator : danat
Sample : m68147-2 (M052)
Misc : MS14404,MSQ248,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 16:30:52 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Oct 03 09:29:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.623	128	346357	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.451	114	1496658	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.694	117	1224755	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.313	95	395311	4.41	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 88.20%

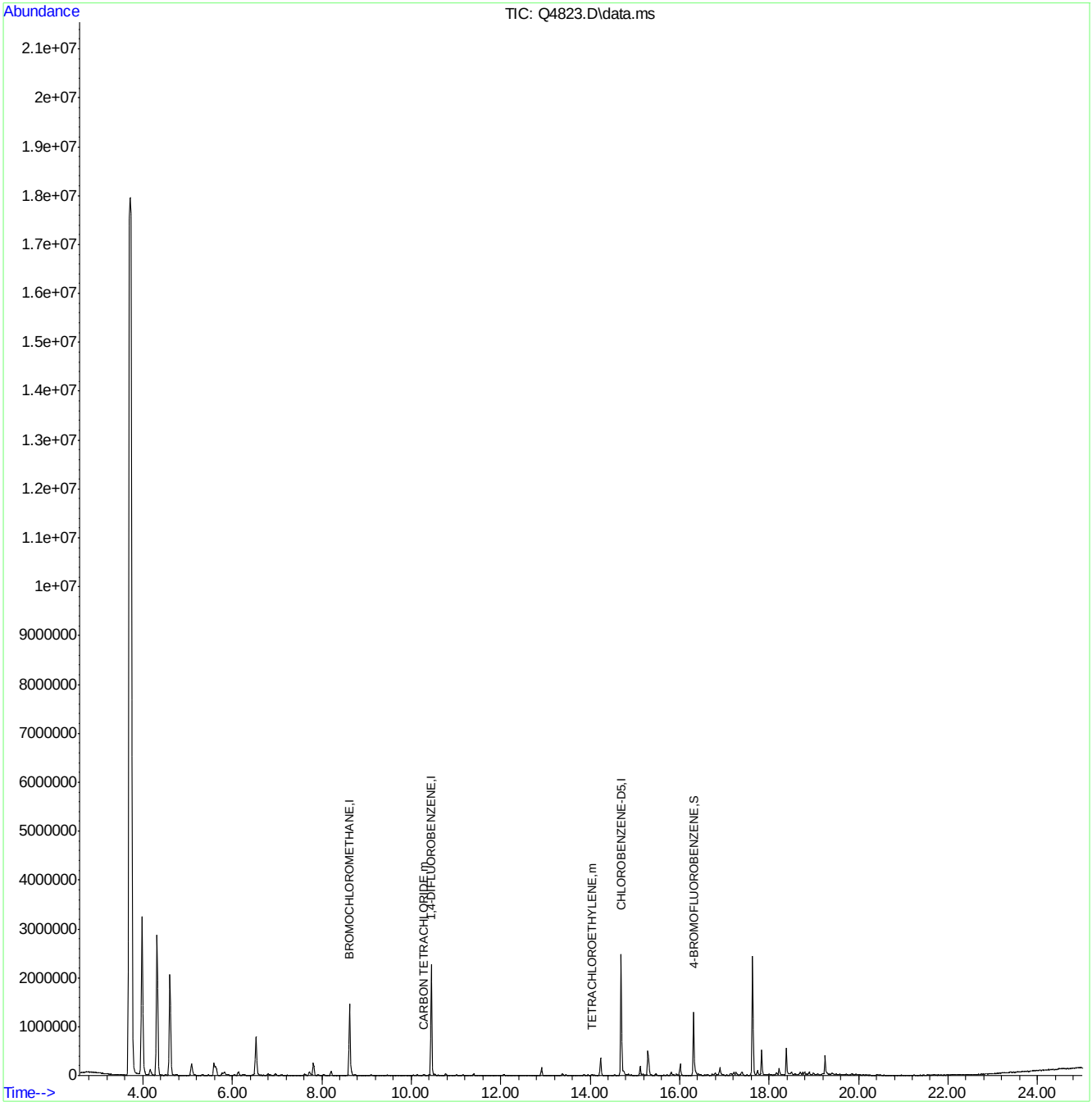
Target Compounds						Qvalue
33) CARBON TETRACHLORIDE	10.277	117	13051	0.08	PPBV	98
51) TETRACHLOROETHYLENE	14.045	164	3987	0.07	PPBV	95

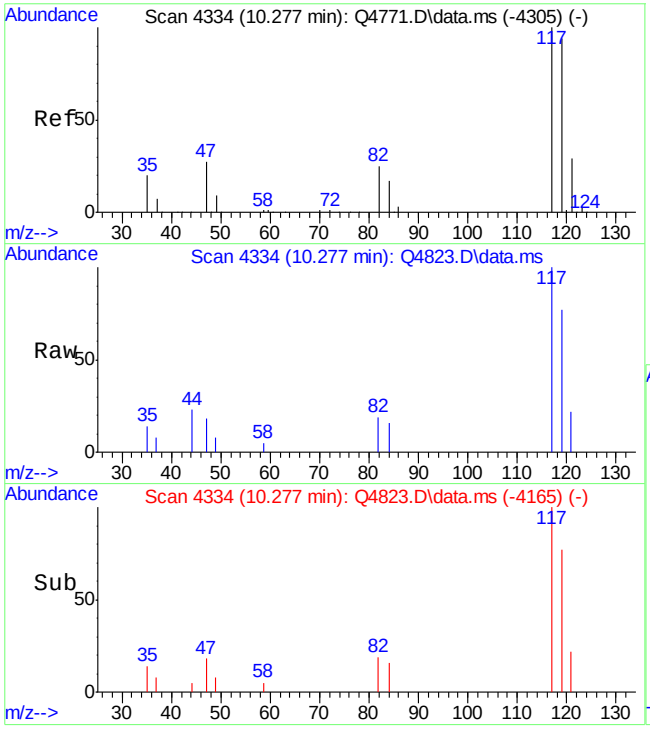
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4823.D
Acq On : 4 Oct 2007 8:42 pm
Operator : danat
Sample : m68147-2 (M052)
Misc : MS14404,MSQ248,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 16:30:52 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Oct 03 09:29:03 2007
Response via : Initial Calibration

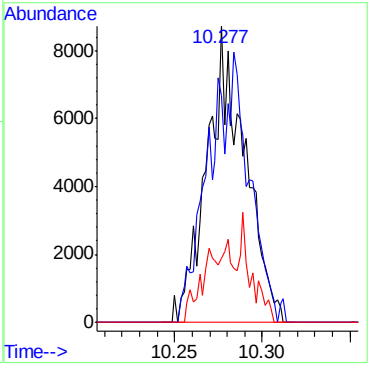


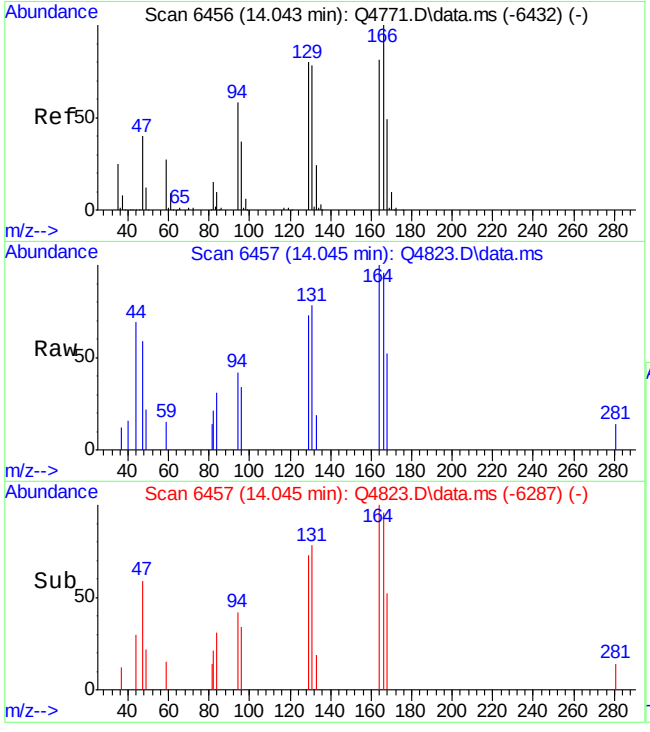


#33
CARBON TETRACHLORIDE
Concen: 0.08 PPBV
RT: 10.277 min Scan# 4334
Delta R.T. -0.000 min
Lab File: Q4823.D
Acq: 4 Oct 2007 8:42 pm

Tgt Ion:117 Resp: 13051

Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.6	116.6
121	32.0	10.7	50.7

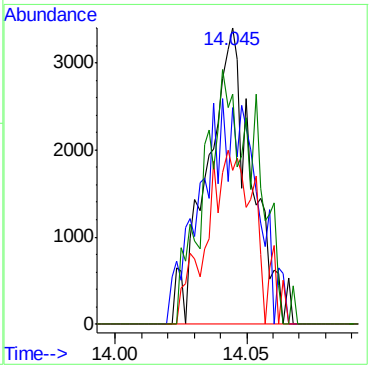




#51
TETRACHLOROETHYLENE
Concen: 0.07 PPBV
RT: 14.045 min Scan# 6457
Delta R.T. 0.002 min
Lab File: Q4823.D
Acq: 4 Oct 2007 8:42 pm

Tgt Ion:164 Resp: 3987

Ion	Ratio	Lower	Upper
164	100		
129	94.9	81.9	121.9
168	65.3	41.6	81.6
131	100.3	77.2	117.2



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4809.D
Acq On : 4 Oct 2007 10:43 am
Operator : danat
Sample : mb (M028)
Misc : MS14329,MSQ248,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 04 14:58:51 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Oct 03 09:29:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.621	128	274209	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.451	114	1179258	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.694	117	966258	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.314	95	283636	4.01	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 80.20%

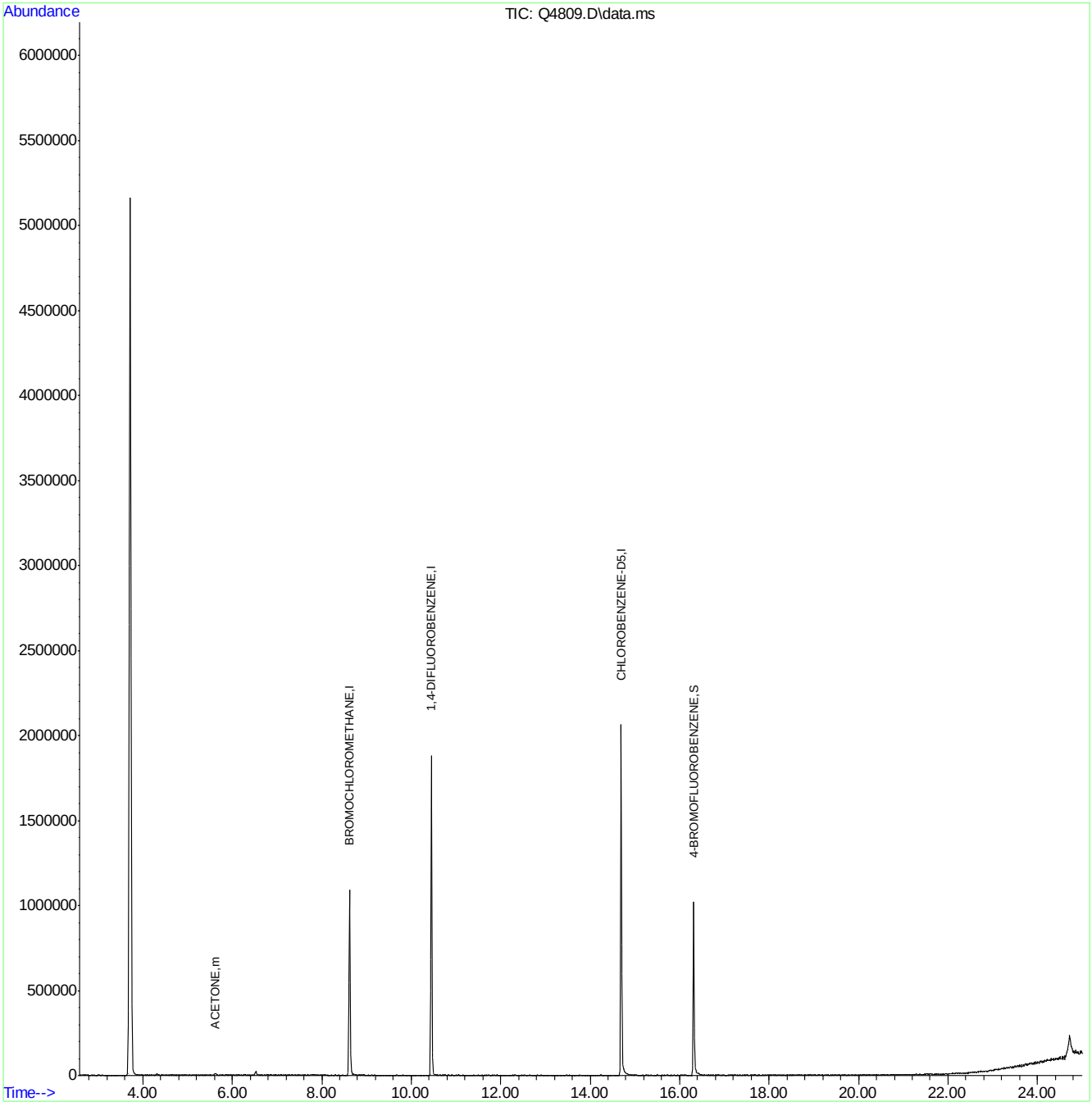
Target Compounds						Qvalue
12) ACETONE	5.609	43	11919	0.33	PPBV	66

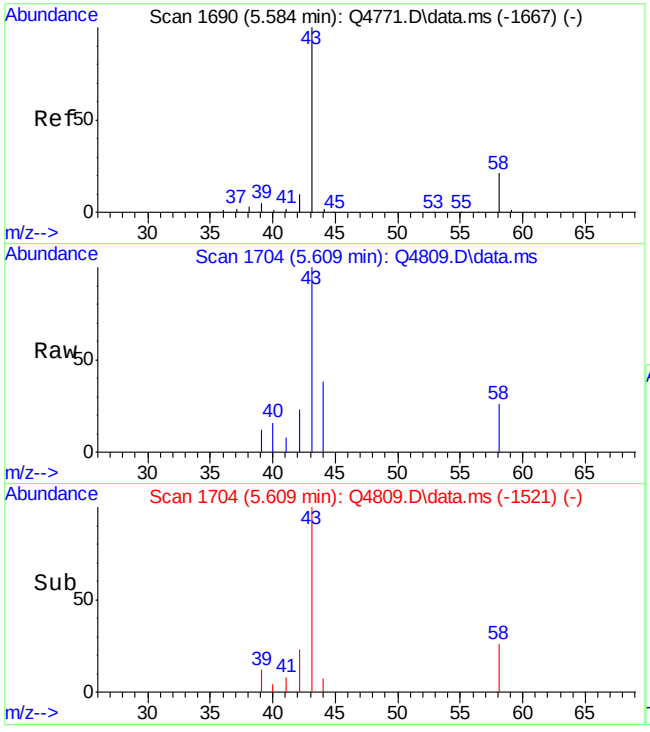
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4809.D
Acq On : 4 Oct 2007 10:43 am
Operator : danat
Sample : mb (M028)
Misc : MS14329,MSQ248,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 04 14:58:51 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Oct 03 09:29:03 2007
Response via : Initial Calibration

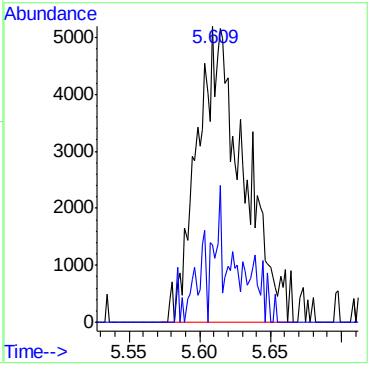




#12
ACETONE
Concen: 0.33 PPBV
RT: 5.609 min Scan# 1704
Delta R.T. 0.025 min
Lab File: Q4809.D
Acq: 4 Oct 2007 10:43 am

Tgt Ion: 43 Resp: 11919

Ion	Ratio	Lower	Upper
43	100		
58	5.6	1.6	41.6



6.2.1

6

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

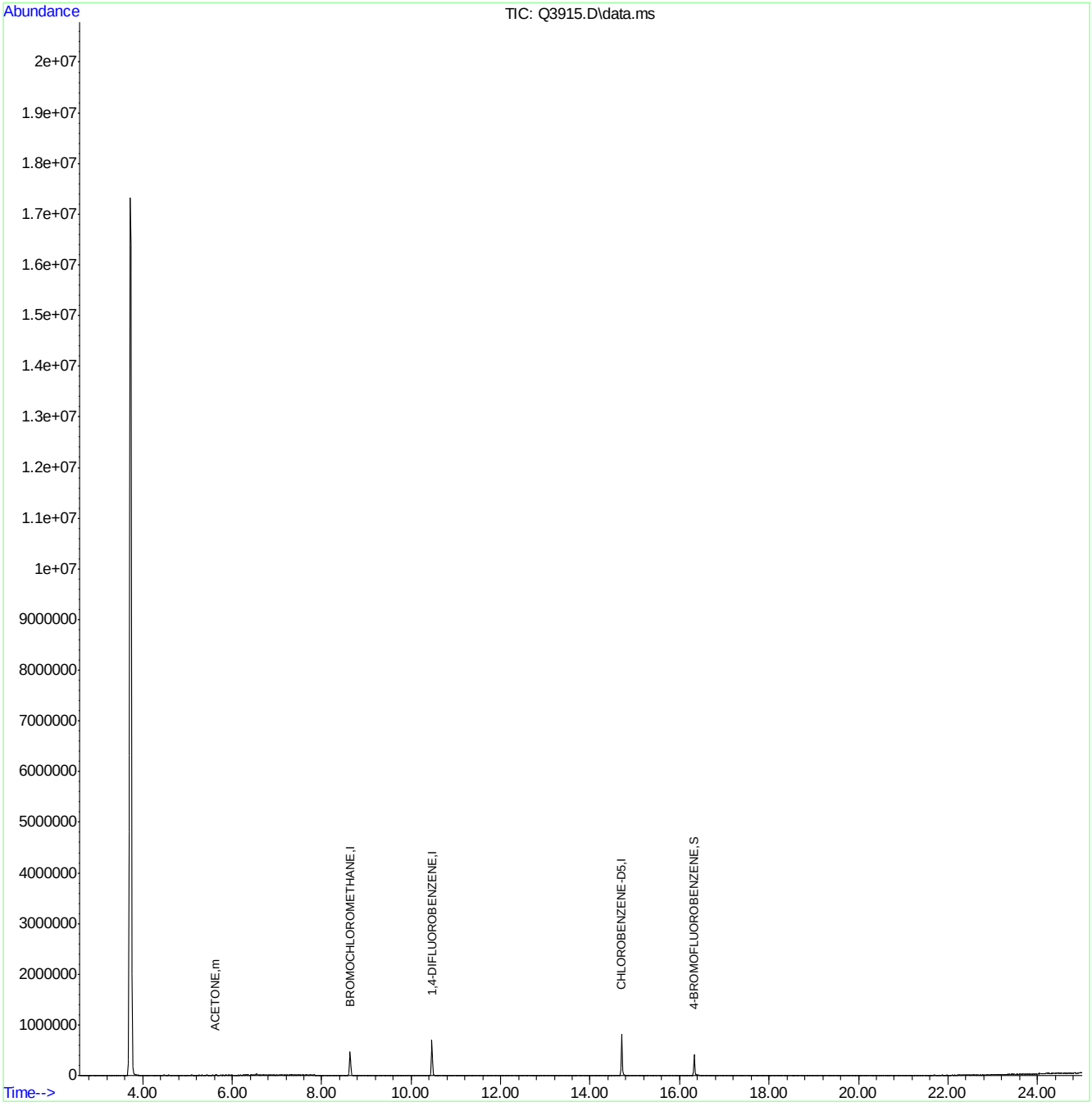
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.632	128	81166	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.460	114	366860	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.708	117	281870	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.327	95	104089	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

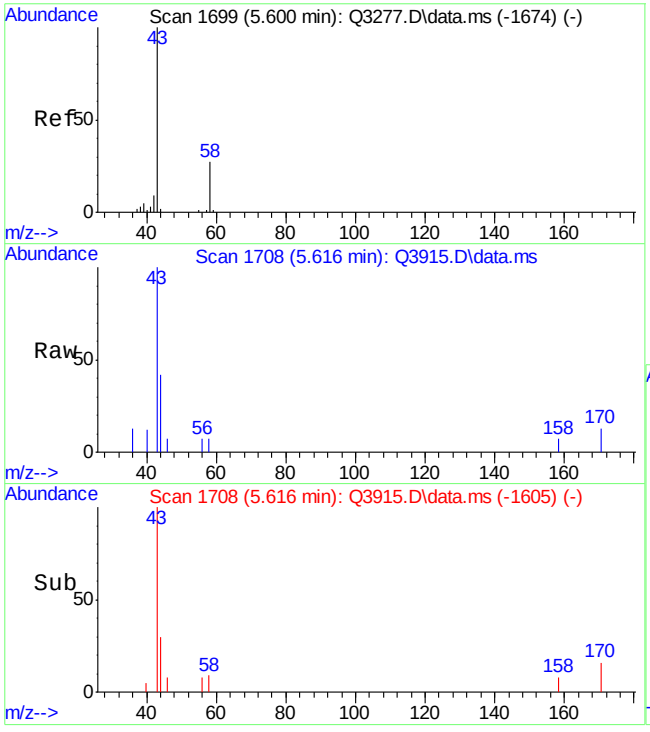
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

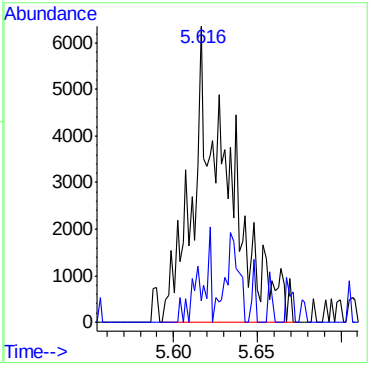




#12
ACETONE
Concen: 0.31 PPBV
RT: 5.616 min Scan# 1708
Delta R.T. 0.027 min
Lab File: Q3915.D
Acq: 5 Jul 2007 6:55 pm

Tgt Ion: 43 Resp: 9557

Ion	Ratio	Lower	Upper
43	100		
58	10.2	9.0	49.0



6.2.2

6

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10870.D
Acq On : 5 Jul 2007 7:53 pm
Operator : danat
Sample : mb (M208)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 06 11:52:28 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:30:53 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.61	128	294344	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.42	114	1133134	10.00	PPBV	-0.01
49) CHLOROBENZENE-D5	14.66	117	969402	10.00	PPBV	-0.01

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	268497	4.51	PPBV	-0.02

Spiked Amount 5.000 Range 51 - 142 Recovery = 90.20%

Target Compounds	Qvalue

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

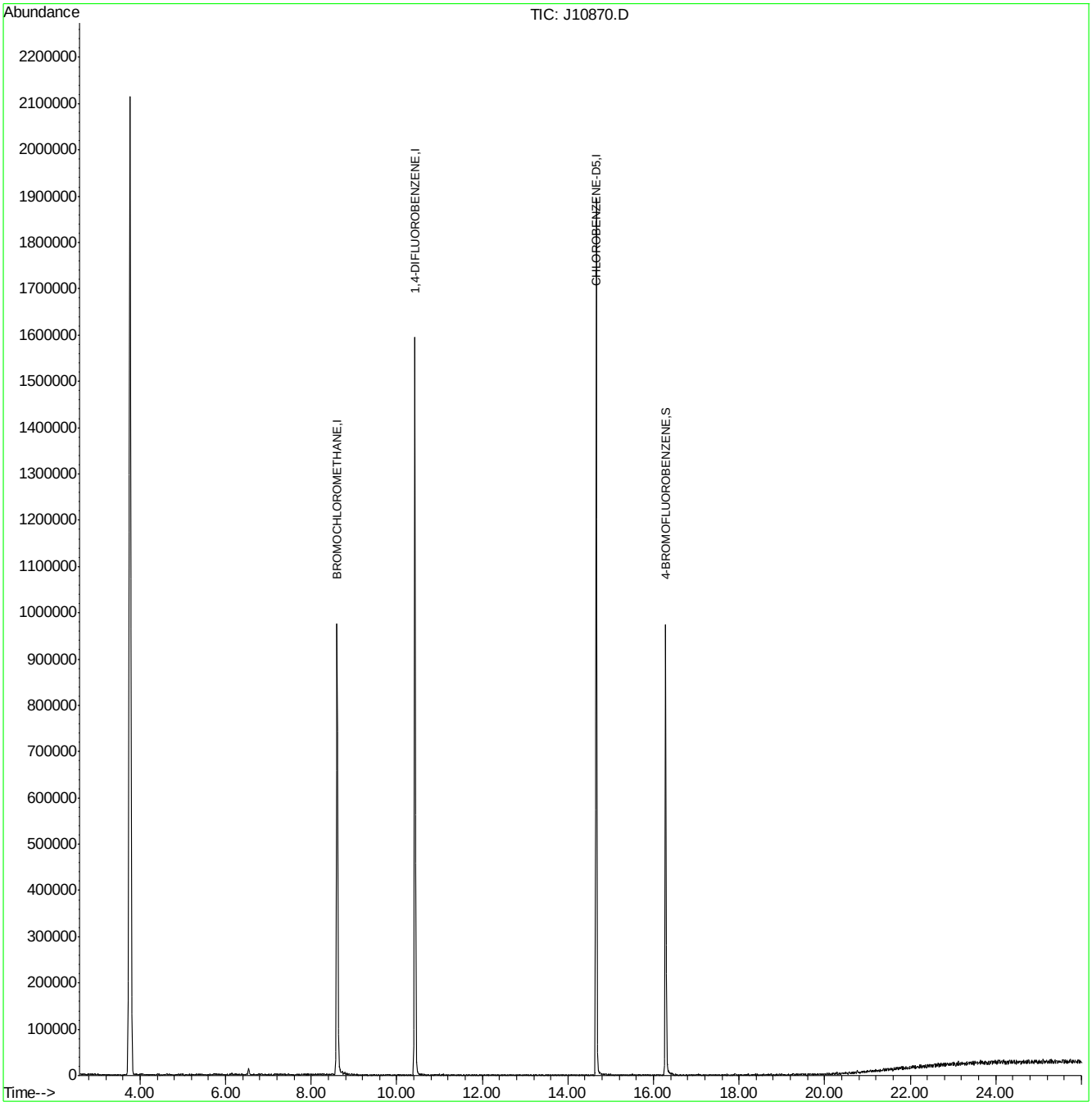
6.2.3

6

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10870.D
Acq On : 5 Jul 2007 7:53 pm
Operator : danat
Sample : mb (M208)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 06 11:52:28 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:30:53 2007
Response via : Initial Calibration



J070507T.M Fri Jul 06 11:52:37 2007 Page: 2

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4807a.D
Acq On : 4 Oct 2007 9:10 am
Operator : danat
Sample : bs (M112)
Misc : MS14329,MSQ248,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 04 14:22:45 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Oct 03 09:29:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.619	128	318139	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.449	114	1403558	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.692	117	1205736	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.311	95	505063	5.73	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 114.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.028	85	2108932	10.66	PPBV	100
3) PROPYLENE	3.957	41	343083	12.88	PPBV	94
4) FREON 114	4.289	85	1954660	11.87	PPBV	97
5) CHLOROMETHANE	4.193	50	464513	12.58	PPBV	96
6) VINYL CHLORIDE	4.411	62	514493	12.43	PPBV	99
7) 1,3-BUTADIENE	4.550	39	437088	12.95	PPBV	99
8) BROMOMETHANE	4.825	94	587041	11.26	PPBV	100
9) CHLOROETHANE	4.995	64	223185	12.96	PPBV	97
10) TRICHLOROFLUOROMETHANE	5.778	101	2072598	10.12	PPBV	99
11) ISOPROPYL ALCOHOL	5.815	45	563690	8.00	PPBV	94
12) ACETONE	5.584	43	603064	8.51	PPBV	98
13) PENTANE	6.129	42	482433	11.03	PPBV	96
14) 1,1-DICHLOROETHYLENE	6.413	96	507888	10.40	PPBV	96
15) CARBON DISULFIDE	6.844	76	1455069	10.20	PPBV	98
16) ETHANOL	5.087	45	120109	8.66	PPBV	99
17) BROMOETHENE	5.357	106	514131	10.46	PPBV	98
18) METHYLENE CHLORIDE	6.525	84	482165	11.38	PPBV	97
19) 3-CHLOROPROPENE	6.646	39	492978	10.31	PPBV	94
20) FREON 113	6.786	151	1060031	9.50	PPBV	99
21) TRANS-1,2-DICHLOROETHY...	7.455	96	471702	9.72	PPBV	96
22) TERTIARY BUTYL ALCOHOL	6.418	59	774261	9.06	PPBV	94
23) METHYL TERTIARY BUTYL ...	7.693	73	885873	8.04	PPBV	98
24) TETRAHYDROFURAN	9.127	42	292167	8.41	PPBV	99
25) HEXANE	8.656	57	580888	10.43	PPBV	98
26) VINYL ACETATE	7.774	43	712671	8.98	PPBV	93
27) 1,1-DICHLOROETHANE	7.650	63	886617	10.34	PPBV	99
28) METHYL ETHYL KETONE	8.018	43	624272	8.97	PPBV	99
29) cis-1,2-DICHLOROETHYLENE	8.459	96	413452	11.18	PPBV	99
30) ETHYL ACETATE	8.653	43	1073411	9.97	PPBV	100
31) CHLOROFORM	8.742	83	1201134	10.31	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.695	97	1224529	9.85	PPBV	100
33) CARBON TETRACHLORIDE	10.279	117	1522122	9.65	PPBV	99
34) 1,2-DICHLOROETHANE	9.452	62	704255	9.89	PPBV	100
36) BENZENE	10.137	78	1097271	11.86	PPBV	99
37) CYCLOHEXANE	10.401	84	526754	12.63	PPBV	99
38) TRICHLOROETHYLENE	11.132	95	731560	12.70	PPBV	99
39) 1,2-DICHLOROPROPANE	10.912	63	379138	11.60	PPBV	99
40) BROMODICHLOROMETHANE	11.095	83	1186446	11.09	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.155	57	2132326	13.53	PPBV	98
42) 1,4-DIOXANE	11.122	88	209402	9.57	PPBV	88
43) HEPTANE	11.393	43	751061	13.81	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4807a.D
Acq On : 4 Oct 2007 9:10 am
Operator : danat
Sample : bs (M112)
Misc : MS14329,MSQ248,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 04 14:22:45 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Oct 03 09:29:03 2007
Response via : Initial Calibration

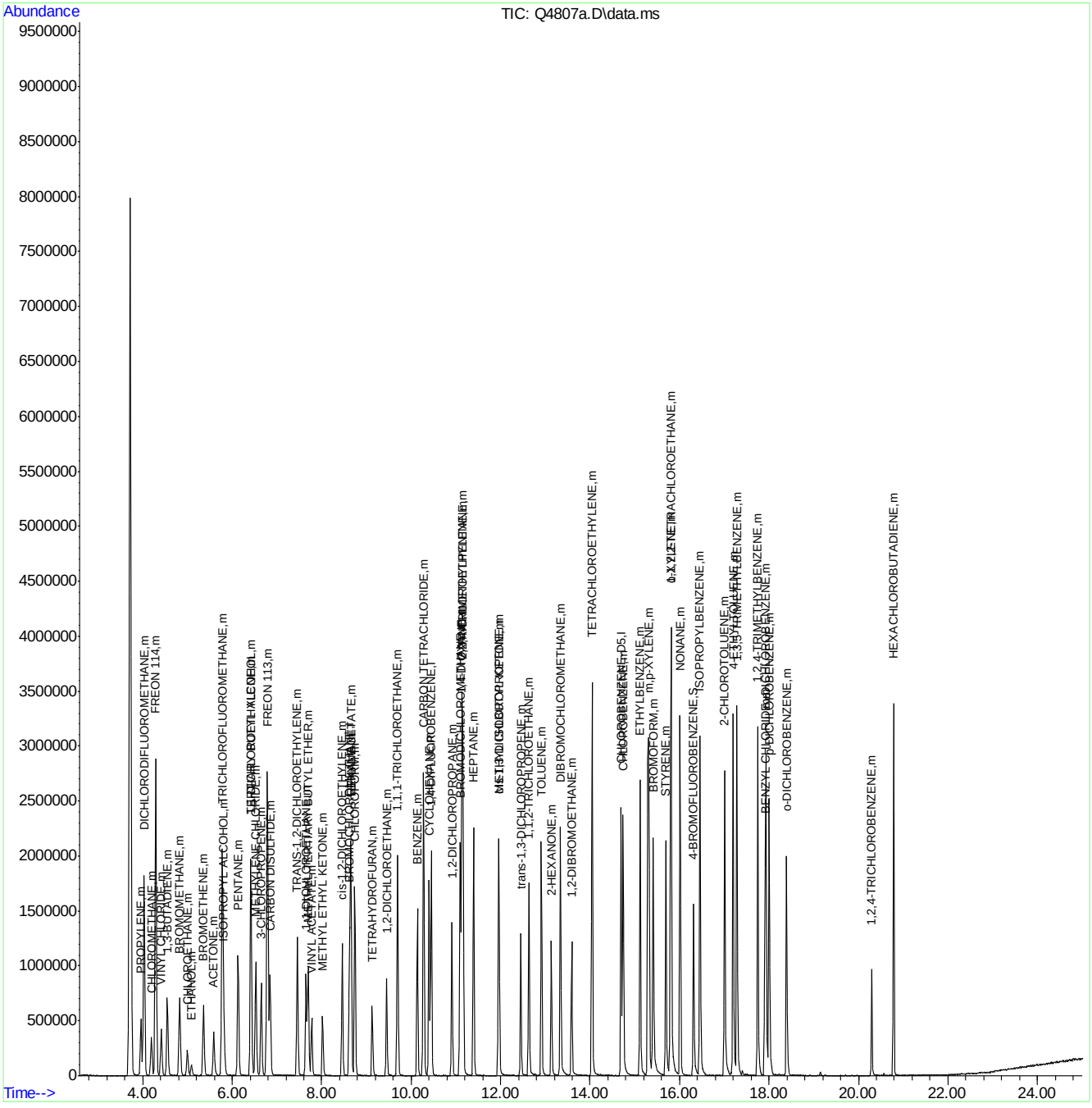
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.963	43	853642	9.43	PPBV	100
45) cis-1,3-DICHLOROPROPENE	11.950	75	591143	12.59	PPBV	96
46) TOLUENE	12.911	92	750323	11.61	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.451	75	538050	9.78	PPBV	96
48) 1,1,2-TRICHLOROETHANE	12.632	83	408273	11.67	PPBV	99
50) 2-HEXANONE	13.132	43	745390	10.02	PPBV	99
51) TETRACHLOROETHYLENE	14.043	164	680217	11.68	PPBV	98
52) DIBROMOCHLOROMETHANE	13.338	129	1122934	11.48	PPBV	100
53) 1,2-DIBROMOETHANE	13.589	107	716462	12.08	PPBV	99
54) CHLOROBENZENE	14.739	112	1130445	11.87	PPBV	100
55) ETHYLBENZENE	15.117	91	1733617	9.66	PPBV	99
56) m,p-XYLENE	15.312	106	1381267	20.20	PPBV	97
57) o-XYLENE	15.812	106	698837	10.25	PPBV	97
58) STYRENE	15.693	104	924218	10.52	PPBV	99
59) NONANE	16.011	43	1099234	12.33	PPBV	100
60) BROMOFORM	15.409	173	1063178	11.99	PPBV	96
62) 1,1,2,2-TETRACHLOROETHANE	15.800	83	1098963	13.14	PPBV	99
63) ISOPROPYLBENZENE	16.455	105	2096919	12.60	PPBV	100
64) 2-CHLOROTOLUENE	17.009	91	1552352	11.22	PPBV	99
65) 4-ETHYLTOLUENE	17.195	105	1957210	10.72	PPBV	100
66) 1,3,5-TRIMETHYLBENZENE	17.282	105	1840510	10.55	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.747	105	1649965	11.32	PPBV	100
68) m-DICHLOROBENZENE	17.928	146	994737	12.31	PPBV	99
69) BENZYL CHLORIDE	17.907	91	1066052	11.84	PPBV	99
70) p-DICHLOROBENZENE	18.002	146	941032	12.44	PPBV	99
71) o-DICHLOROBENZENE	18.393	146	757413	12.75	PPBV	99
72) HEXACHLOROBUTADIENE	20.787	225	521381	13.36	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.295	180	245612	21.01	PPBV	96

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4807a.D
Acq On : 4 Oct 2007 9:10 am
Operator : danat
Sample : bs (M112)
Misc : MS14329,MSQ248,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 04 14:22:45 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Oct 03 09:29:03 2007
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
07/11/07 09:45

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10868b.D
Acq On : 5 Jul 2007 5:56 pm
Operator : danat
Sample : bs (M080)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 05 18:24:49 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:30:53 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.60	128	347038	10.00	PPBV	-0.01
35) 1,4-DIFLUOROBENZENE	10.43	114	1501760	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1335133	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.30	95	446244	5.44	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 108.80%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	1061110	9.42	PPBV	100
3) PROPYLENE	3.99	41	183358	10.60	PPBV	96
4) FREON 114	4.32	85	975926	9.85	PPBV	99
5) CHLOROMETHANE	4.23	50	255655	9.93	PPBV	94
6) VINYL CHLORIDE	4.44	62	301471	10.50	PPBV	99
7) 1,3-BUTADIENE	4.57	39	232443	11.26	PPBV	98
8) BROMOMETHANE	4.84	94	332070	10.01	PPBV	99
9) CHLOROETHANE	5.01	64	140388	10.56	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.77	101	1134544	9.90	PPBV	100
11) ISOPROPYL ALCOHOL	5.99	45	376740m	10.92	PPBV	
12) ACETONE	5.64	43	394061	9.71	PPBV	99
13) PENTANE	6.12	42	281678	10.41	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.40	96	307939	10.16	PPBV	100
15) CARBON DISULFIDE	6.82	76	926519	9.44	PPBV	99
16) ETHANOL	5.26	45	67215	10.80	PPBV #	65
17) BROMOETHENE	5.36	106	320378	10.94	PPBV	99
18) METHYLENE CHLORIDE	6.52	84	301838	9.92	PPBV	99
19) 3-CHLOROPROPENE	6.63	39	273020	10.74	PPBV	98
20) FREON 113	6.76	151	667835	9.23	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.43	96	313361	10.47	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.57	59	462173	11.77	PPBV	93
23) METHYL TERTIARY BUTYL ETHE	7.71	73	685448	11.76	PPBV	99
24) TETRAHYDROFURAN	9.16	42	218377	11.59	PPBV	98
25) HEXANE	8.61	57	365581	9.63	PPBV	97
26) VINYL ACETATE	7.78	43	440550	11.01	PPBV	97
27) 1,1-DICHLOROETHANE	7.63	63	545669	10.33	PPBV	100
28) METHYL ETHYL KETONE	8.07	43	425680	10.63	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.44	96	301089	10.37	PPBV	99
30) ETHYL ACETATE	8.67	43	462107	10.49	PPBV	100
31) CHLOROFORM	8.72	83	772083	10.29	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.66	97	843732	10.35	PPBV	99
33) CARBON TETRACHLORIDE	10.24	117	1036248	10.31	PPBV	99
34) 1,2-DICHLOROETHANE	9.43	62	456550	11.14	PPBV	99
36) BENZENE	10.11	78	802906	11.34	PPBV	100
37) CYCLOHEXANE	10.35	84	361468	10.80	PPBV	98
38) TRICHLOROETHYLENE	11.10	95	428230	11.34	PPBV	99
39) 1,2-DICHLOROPROPANE	10.89	63	271622	11.36	PPBV	99
40) BROMODICHLOROMETHANE	11.08	83	736999	10.65	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.10	57	1295156	9.40	PPBV	99
42) 1,4-DIOXANE	11.17	88	136276	9.35	PPBV	92
43) HEPTANE	11.34	43	409530	10.88	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10868b.D
Acq On : 5 Jul 2007 5:56 pm
Operator : danat
Sample : bs (M080)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 05 18:24:49 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:30:53 2007
Response via : Initial Calibration

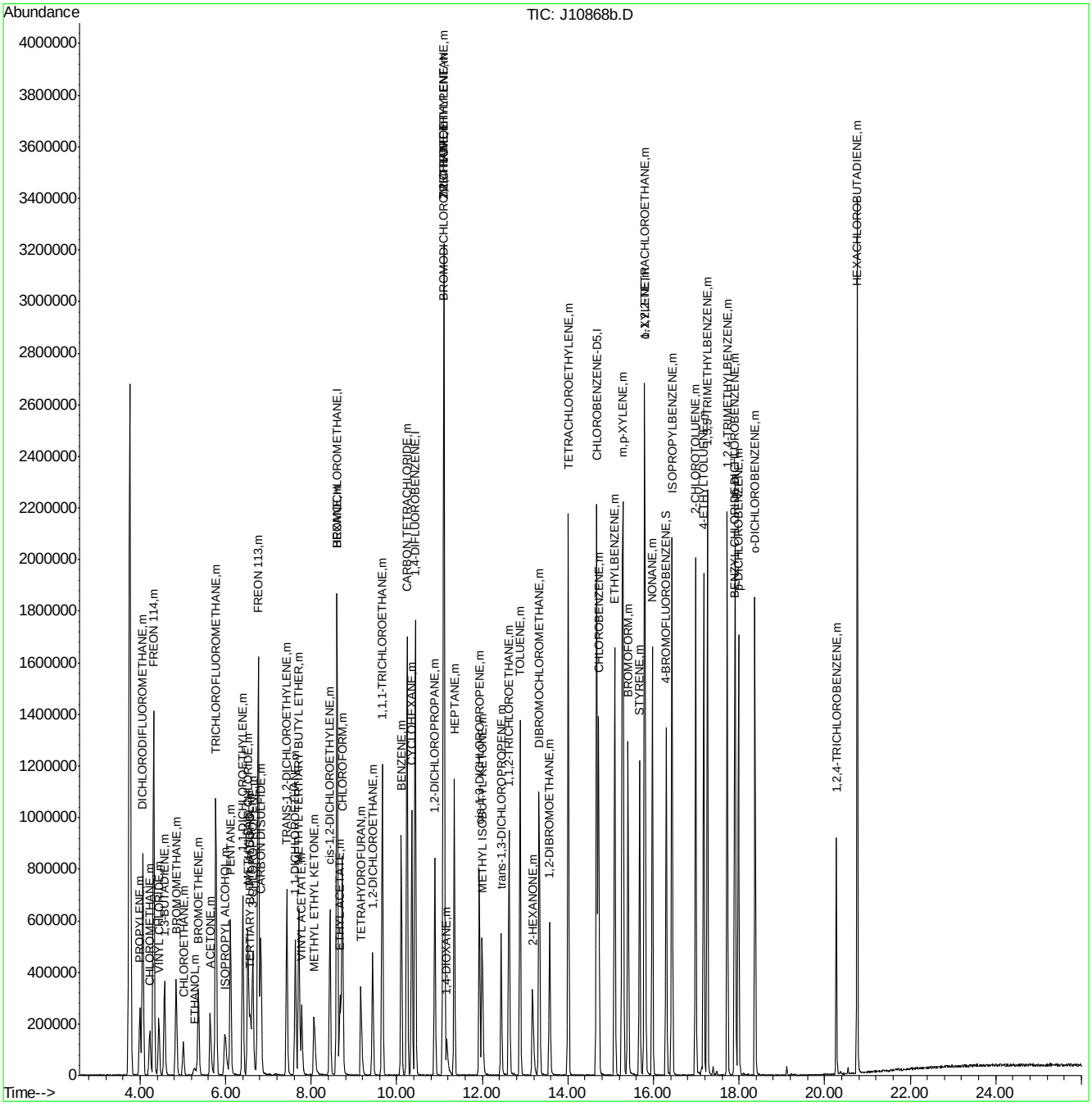
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.99	43	470043	10.33	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.93	75	407474	10.95	PPBV	98
46) TOLUENE	12.88	92	578281	11.03	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.44	75	315716	9.17	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.62	83	292867	11.81	PPBV	99
50) 2-HEXANONE	13.17	43	357292	10.27	PPBV	98
51) TETRACHLOROETHYLENE	14.01	164	490819	11.51	PPBV	99
52) DIBROMOCHLOROMETHANE	13.33	129	721652	11.17	PPBV	100
53) 1,2-DIBROMOETHANE	13.57	107	497929	11.22	PPBV	100
54) CHLOROBENZENE	14.72	112	799062	10.99	PPBV	99
55) ETHYLBENZENE	15.09	91	1274341	11.17	PPBV	100
56) m,p-XYLENE	15.28	106	1066459	22.74	PPBV	91
57) o-XYLENE	15.79	106	537195	11.55	PPBV	100
58) STYRENE	15.68	104	641503	10.45	PPBV	99
59) NONANE	15.97	43	589203	11.86	PPBV	99
60) BROMOFORM	15.41	173	710773	11.64	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.80	83	717790	11.56	PPBV	100
63) ISOPROPYLBENZENE	16.43	105	1535173	11.66	PPBV	99
64) 2-CHLOROTOLUENE	16.98	91	1065316	11.72	PPBV	99
65) 4-ETHYLTOLUENE	17.17	105	1222135	10.70	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1242727	11.61	PPBV	100
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	1125219	11.80	PPBV	99
68) m-DICHLOROBENZENE	17.91	146	760499	11.23	PPBV	99
69) BENZYL CHLORIDE	17.89	91	525729	9.80	PPBV	100
70) p-DICHLOROBENZENE	17.98	146	679517	10.63	PPBV	99
71) o-DICHLOROBENZENE	18.37	146	702934	12.32	PPBV	100
72) HEXACHLOROBUTADIENE	20.76	225	565416	15.84	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	241387	11.45	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10868b.D
Acq On : 5 Jul 2007 5:56 pm
Operator : danat
Sample : bs (M080)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 05 18:24:49 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:30:53 2007
Response via : Initial Calibration



ACCUTEST Laboratories
M68147

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

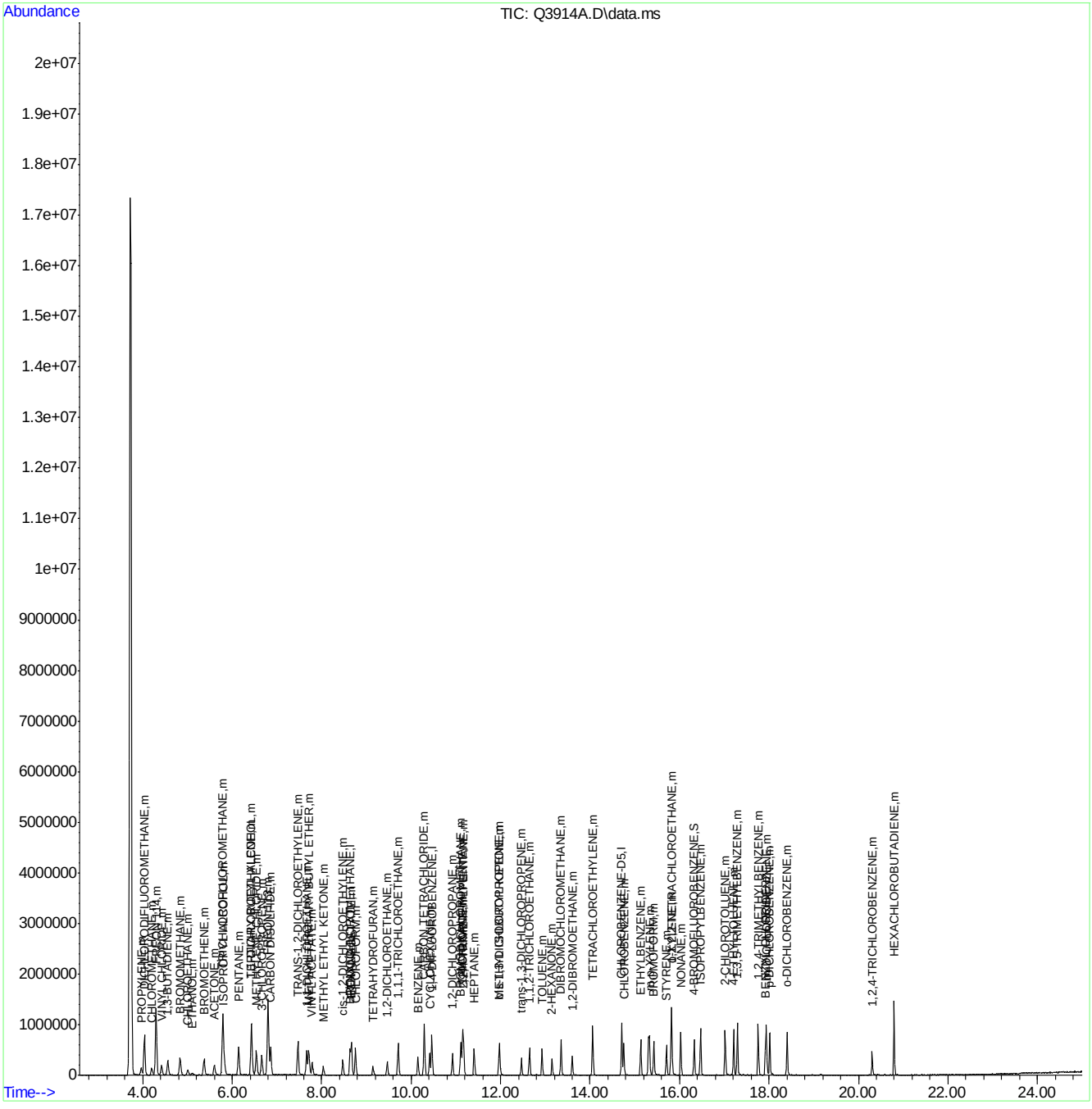
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.981	43	240700	11.45	PPBV	89
45) cis-1,3-DICHLOROPROPENE	11.963	75	169654	11.29	PPBV #	79
46) TOLUENE	12.927	92	161253	10.80	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.465	75	136310	9.04	PPBV	91
48) 1,1,2-TRICHLOROETHANE	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

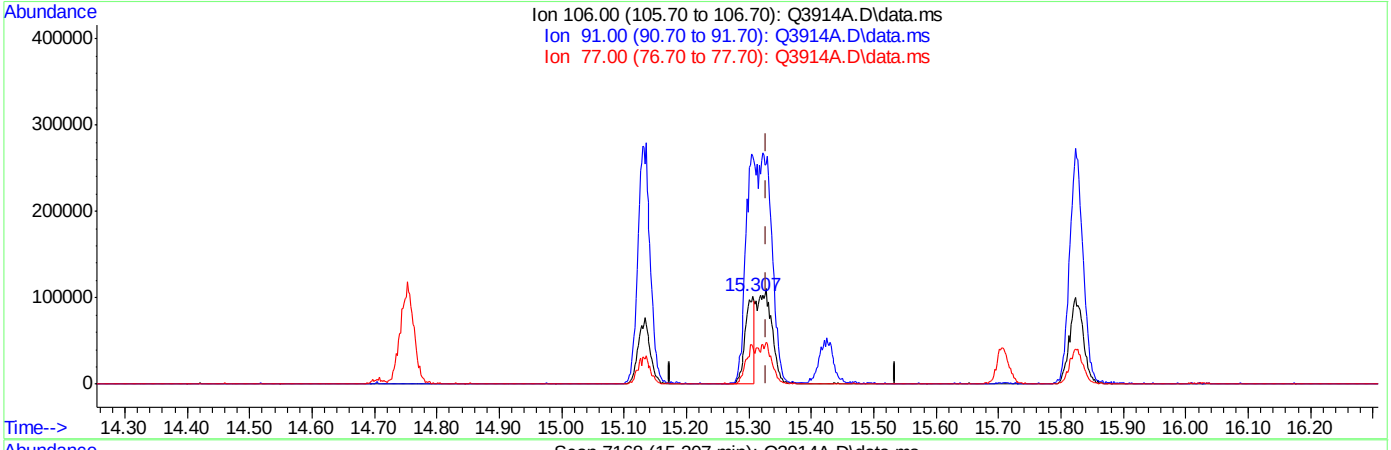


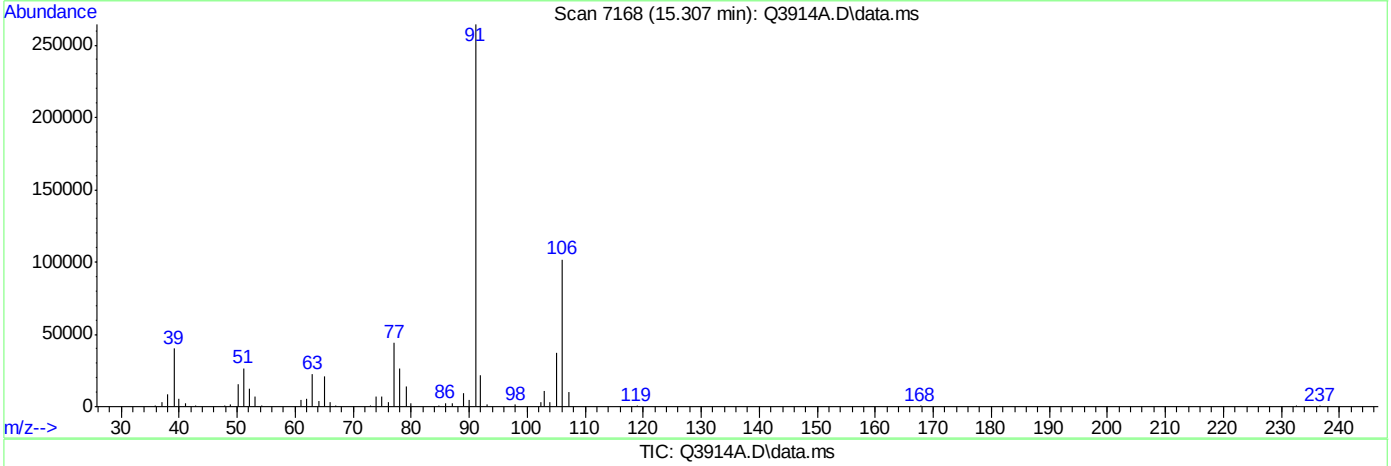
ACCUTEST Laboratories M68147

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

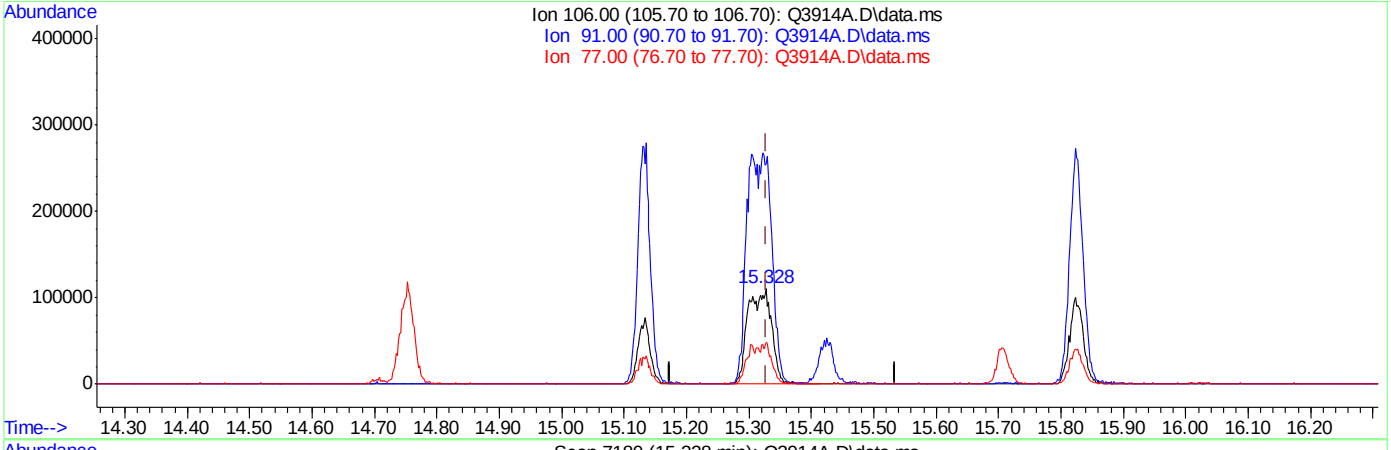
response 100212

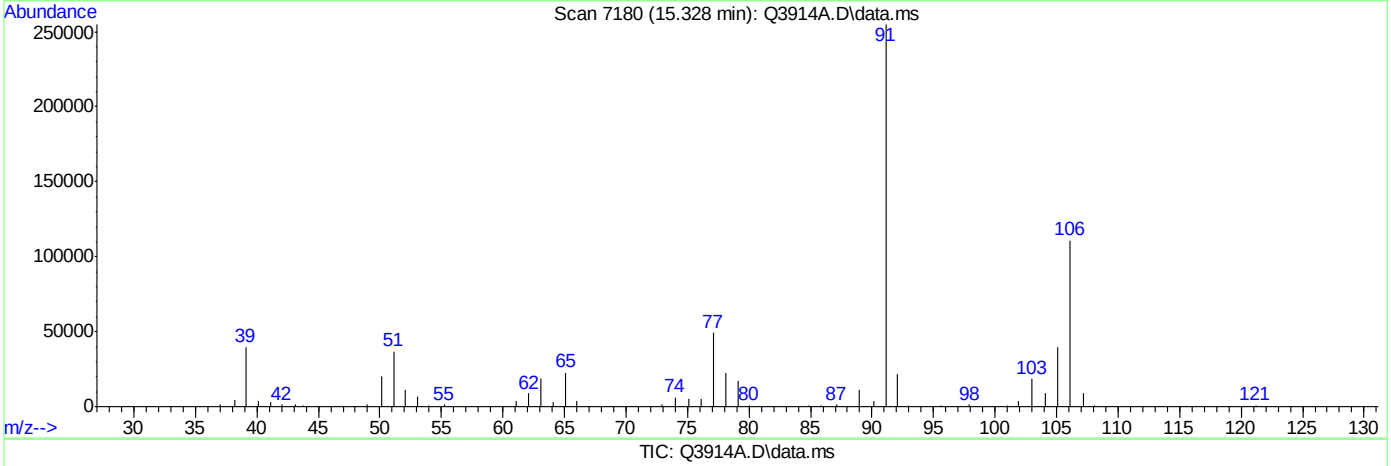
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	259.26#
77.00	27.30	43.08#
0.00	0.00	0.00

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)
Philip Bassignani
10/08/07 17:17

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4822.D
Acq On : 4 Oct 2007 7:59 pm
Operator : danat
Sample : m68147-1dup (M222)
Misc : MS14404,MSQ248,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 05 16:29:34 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Oct 03 09:29:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.625	128	362096	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.449	114	1588976	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.694	117	1312732	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.313	95	463271	4.82	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 96.40%

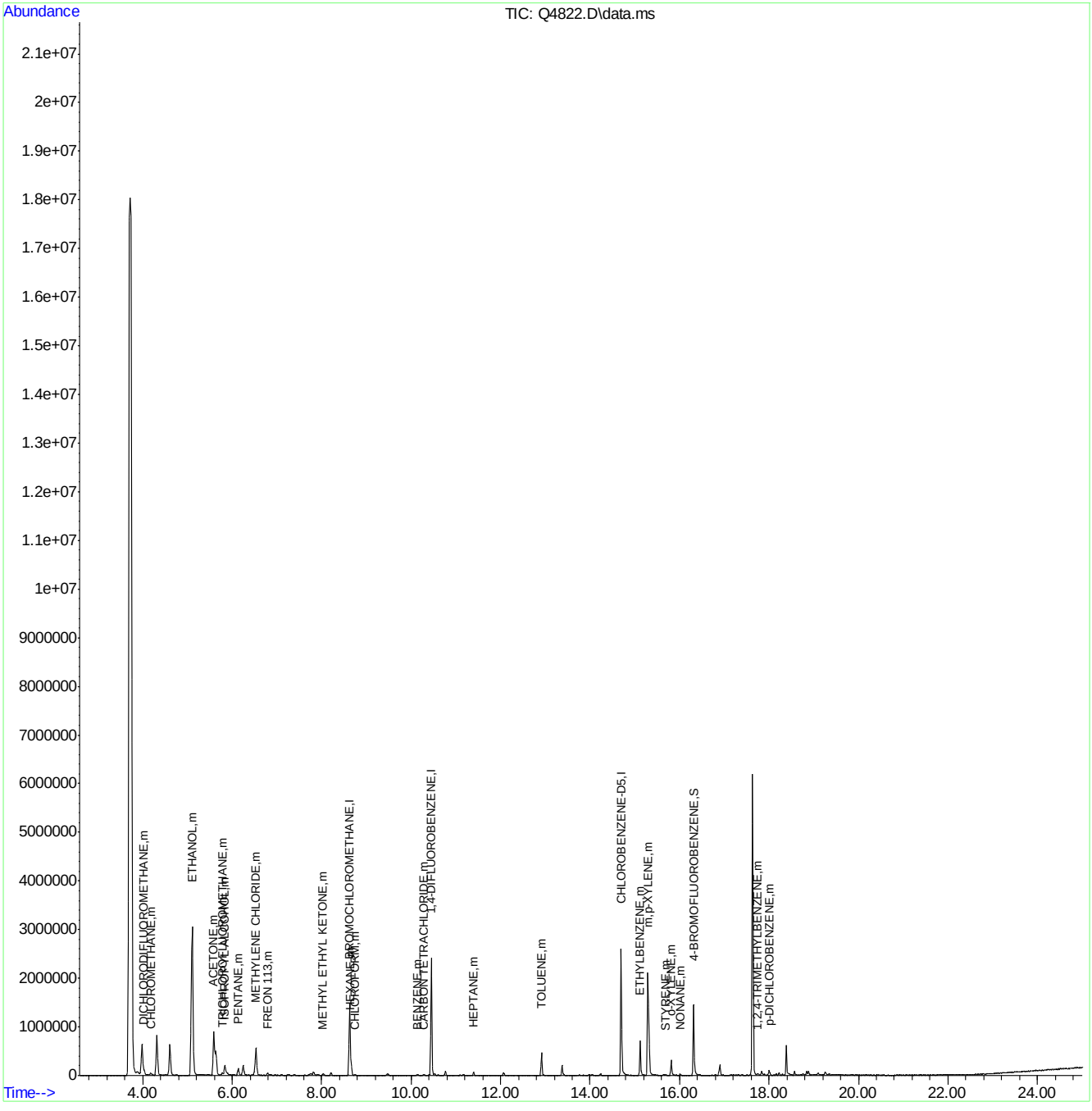
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.031	85	109726	0.49	PPBV	98
5) CHLOROMETHANE	4.188	50	30759	0.73	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.781	101	51365	0.22	PPBV	99
11) ISOPROPYL ALCOHOL	5.835	45	281919	3.52	PPBV	92
12) ACETONE	5.584	43	1575277	20.72	PPBV	99
13) PENTANE	6.136	42	59763	1.20	PPBV	91
16) ETHANOL	5.103	45	4821187	305.39	PPBV	98
18) METHYLENE CHLORIDE	6.530	84	268143	4.79	PPBV	97
20) FREON 113	6.795	151	15159m	0.12	PPBV	
25) HEXANE	8.655	57	57962	0.91	PPBV	87
28) METHYL ETHYL KETONE	8.026	43	41657	0.53	PPBV	90
31) CHLOROFORM	8.745	83	12154	0.09	PPBV	96
33) CARBON TETRACHLORIDE	10.277	117	16237	0.09	PPBV	95
36) BENZENE	10.137	78	17158	0.16	PPBV	97
43) HEPTANE	11.402	43	18863	0.31	PPBV	92
46) TOLUENE	12.912	92	152573	2.09	PPBV	95
55) ETHYLBENZENE	15.118	91	431440	2.56	PPBV	98
56) m,p-XYLENE	15.289	106	738242	10.27	PPBV	99
57) o-XYLENE	15.814	106	72803	1.42	PPBV	95
58) STYRENE	15.695	104	8781	0.66	PPBV	94
59) NONANE	16.009	43	9353	0.51	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.742	105	11048	0.74	PPBV	97
70) p-DICHLOROBENZENE	18.002	146	37902	1.04	PPBV	96

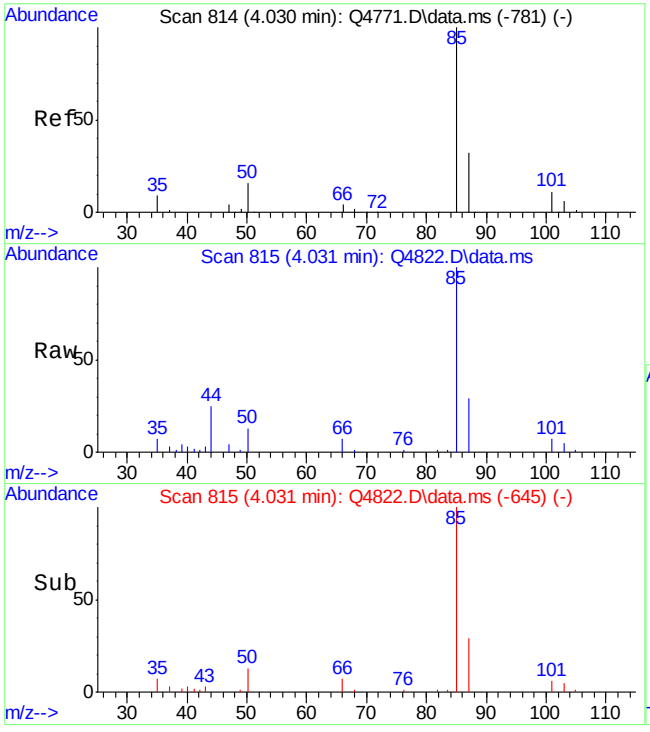
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4822.D
Acq On : 4 Oct 2007 7:59 pm
Operator : danat
Sample : m68147-1dup (M222)
Misc : MS14404,MSQ248,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 05 16:29:34 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Oct 03 09:29:03 2007
Response via : Initial Calibration

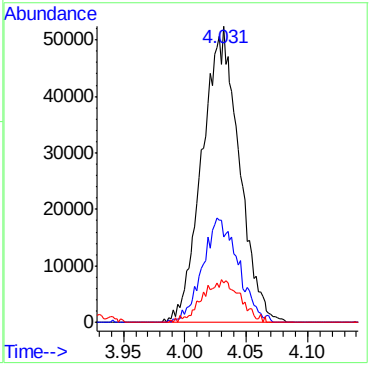


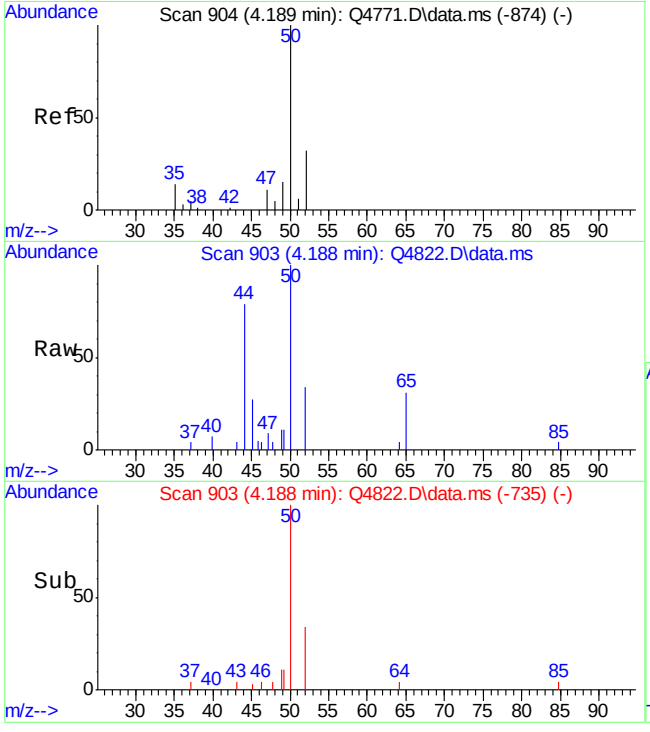


#2
DICHLORODIFLUOROMETHANE
Concen: 0.49 PPBV
RT: 4.031 min Scan# 815
Delta R.T. 0.002 min
Lab File: Q4822.D
Acq: 4 Oct 2007 7:59 pm

Tgt Ion: 85 Resp: 109726

Ion	Ratio	Lower	Upper
85	100		
87	33.9	12.3	52.3
50	14.6	0.0	34.5

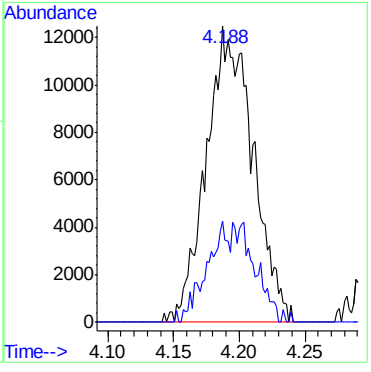




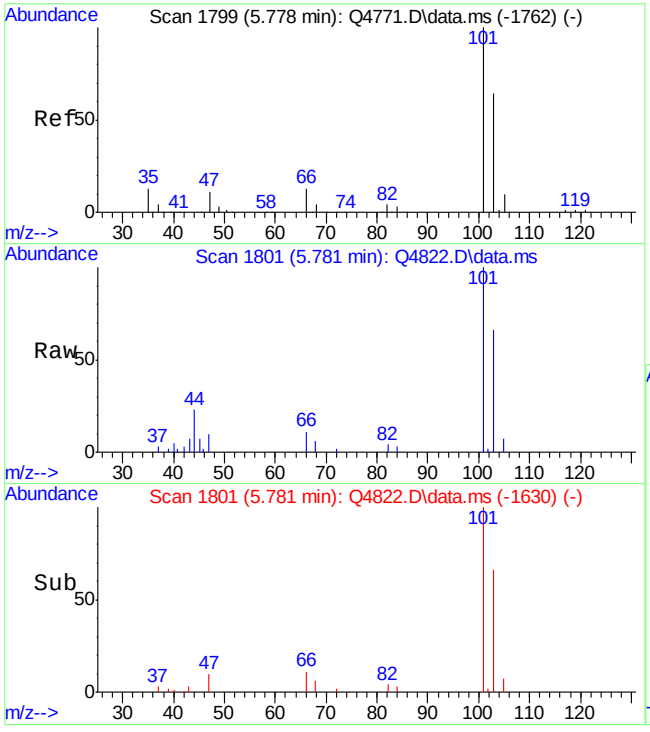
#5
CHLOROMETHANE
Concen: 0.73 PPBV
RT: 4.188 min Scan# 903
Delta R.T. -0.002 min
Lab File: Q4822.D
Acq: 4 Oct 2007 7:59 pm

Tgt Ion: 50 Resp: 30759

Ion	Ratio	Lower	Upper
50	100		
52	34.0	12.7	52.7



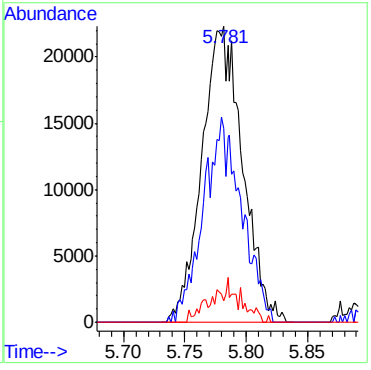
ACCUTEST Laboratories M68147

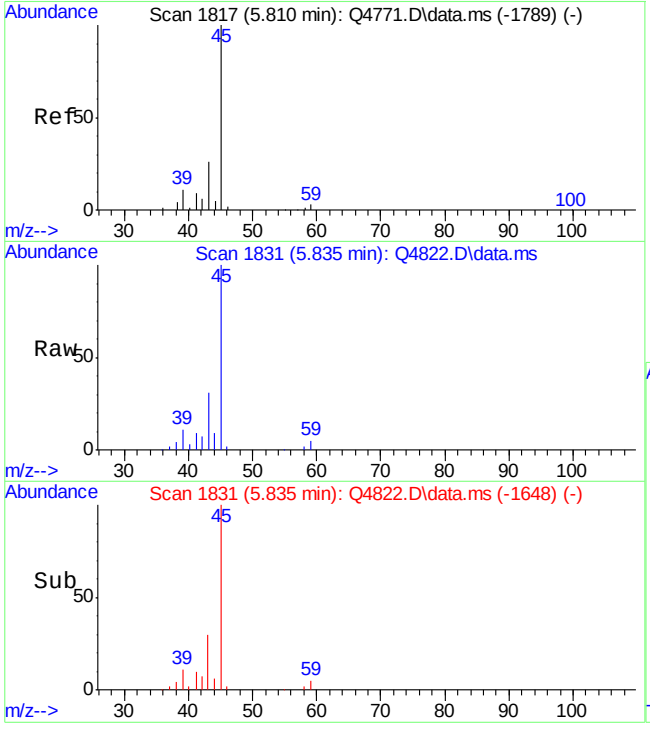


#10
TRICHLOROFLUOROMETHANE
Concen: 0.22 PPBV
RT: 5.781 min Scan# 1801
Delta R.T. 0.004 min
Lab File: Q4822.D
Acq: 4 Oct 2007 7:59 pm

Tgt Ion:101 Resp: 51365

Ion	Ratio	Lower	Upper
101	100		
103	64.9	44.5	84.5
105	7.8	0.0	30.2

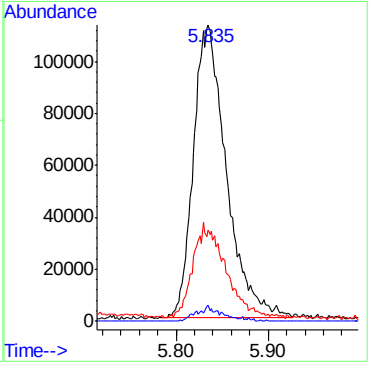


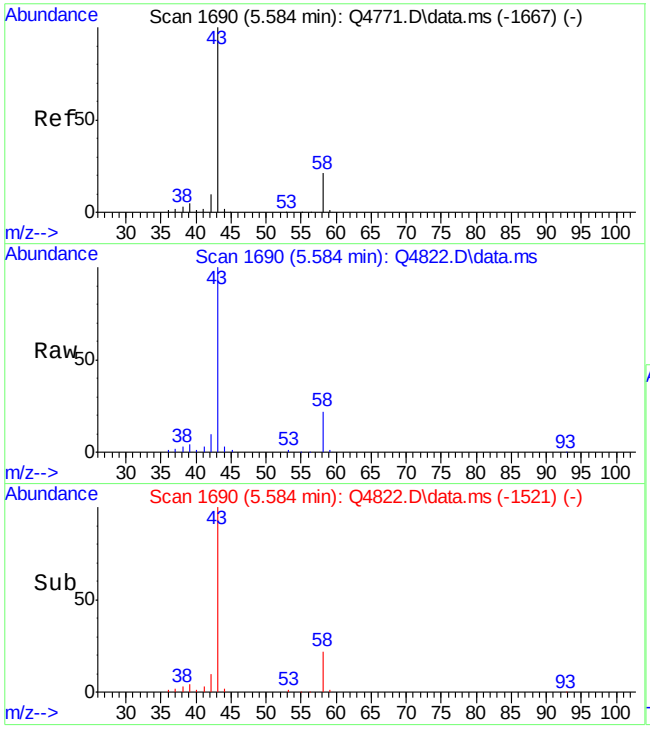


#11
ISOPROPYL ALCOHOL
Concen: 3.52 PPBV
RT: 5.835 min Scan# 1831
Delta R.T. 0.025 min
Lab File: Q4822.D
Acq: 4 Oct 2007 7:59 pm

Tgt Ion: 45 Resp: 281919

Ion	Ratio	Lower	Upper
45	100		
59	5.3	0.0	23.1
43	30.6	6.3	46.3

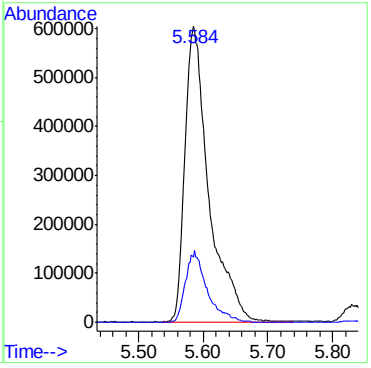


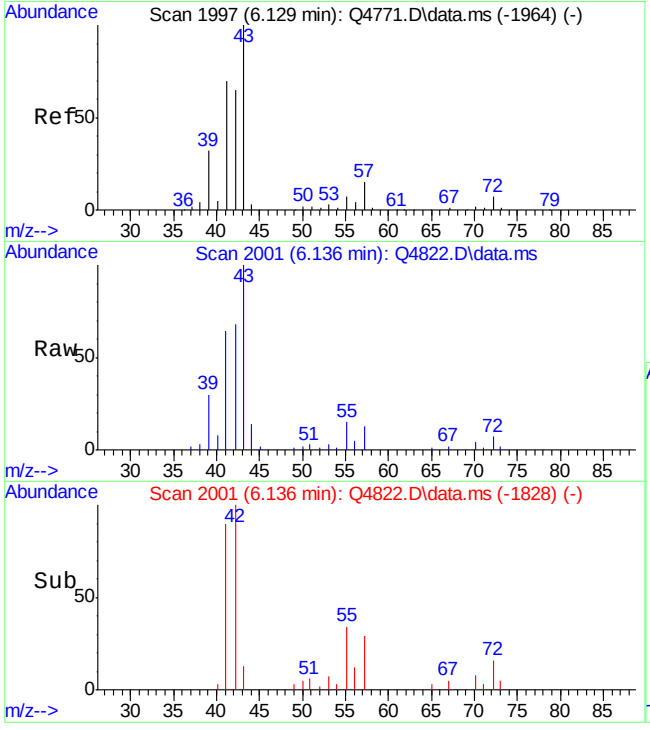


#12
ACETONE
Concen: 20.72 PPBV
RT: 5.584 min Scan# 1690
Delta R.T. 0.000 min
Lab File: Q4822.D
Acq: 4 Oct 2007 7:59 pm

Tgt Ion: 43 Resp: 1575277

Ion	Ratio	Lower	Upper
43	100		
58	21.9	1.6	41.6

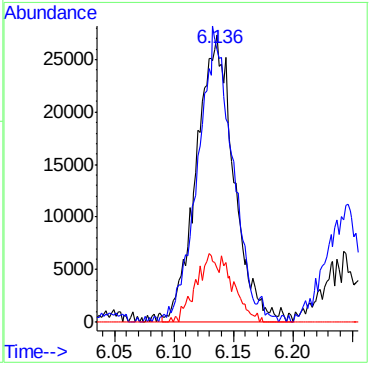




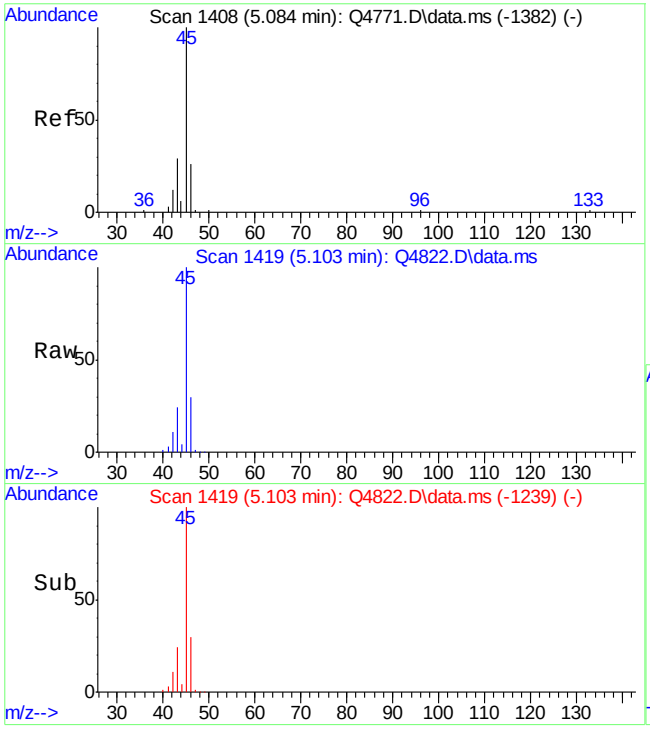
#13
PENTANE
Concen: 1.20 PPBV
RT: 6.136 min Scan# 2001
Delta R.T. 0.007 min
Lab File: Q4822.D
Acq: 4 Oct 2007 7:59 pm

Tgt Ion: 42 Resp: 59763

Ion	Ratio	Lower	Upper
42	100		
41	96.6	87.5	127.5
57	22.7	3.7	43.7



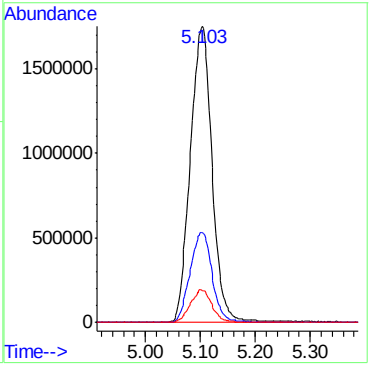
ACCUTEST Laboratories M68147

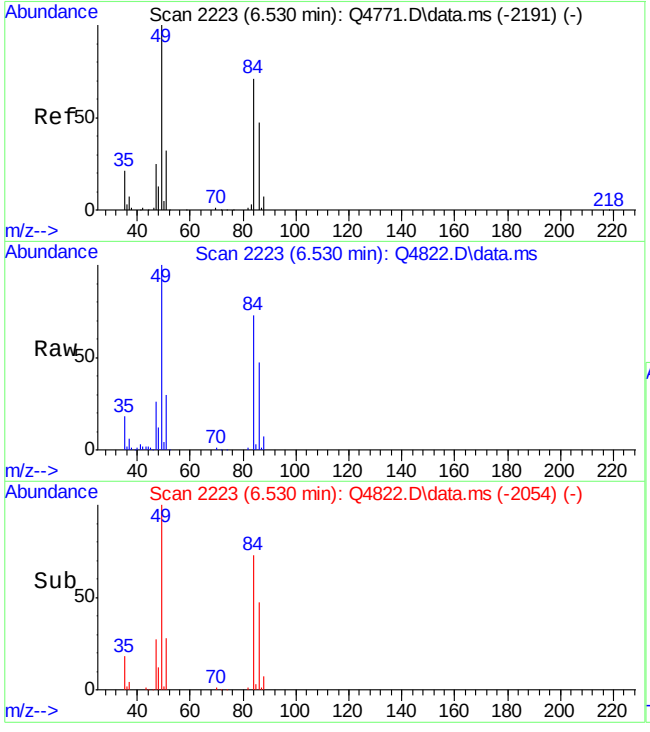


#16
ETHANOL
Concen: 305.39 PPBV
RT: 5.103 min Scan# 1419
Delta R.T. 0.020 min
Lab File: Q4822.D
Acq: 4 Oct 2007 7:59 pm

Tgt Ion: 45 Resp: 4821187

Ion	Ratio	Lower	Upper
45	100		
46	30.8	10.9	50.9
42	10.9	0.0	33.0

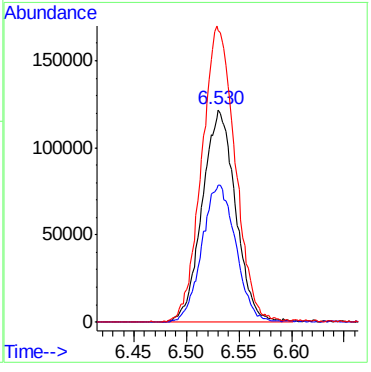


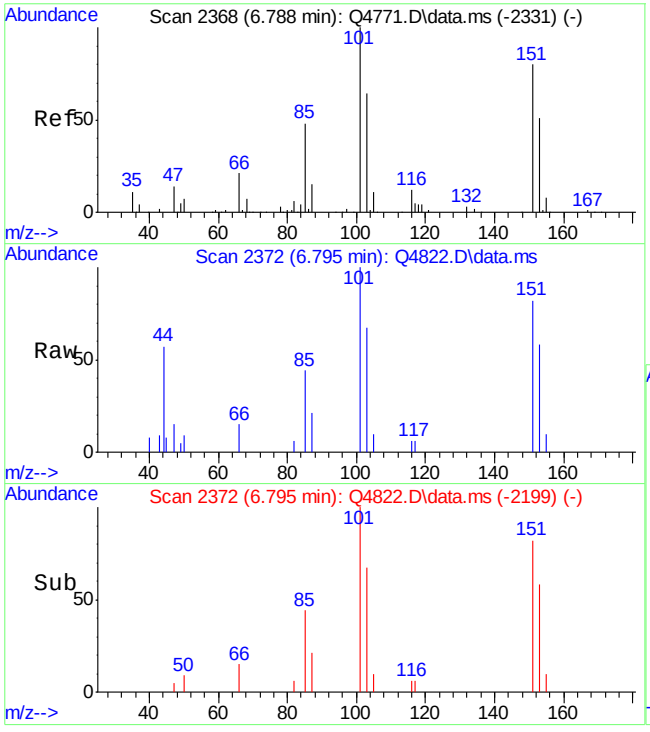


#18
METHYLENE CHLORIDE
Concen: 4.79 PPBV
RT: 6.530 min Scan# 2223
Delta R.T. 0.000 min
Lab File: Q4822.D
Acq: 4 Oct 2007 7:59 pm

Tgt Ion: 84 Resp: 268143

Ion	Ratio	Lower	Upper
84	100		
86	65.6	45.3	85.3
49	140.0	0.0	345.1

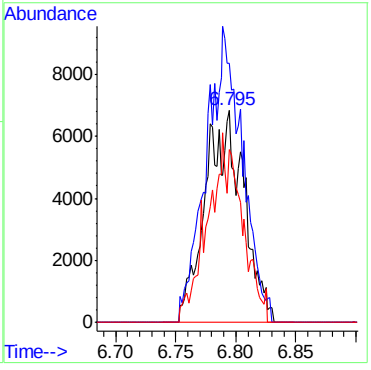


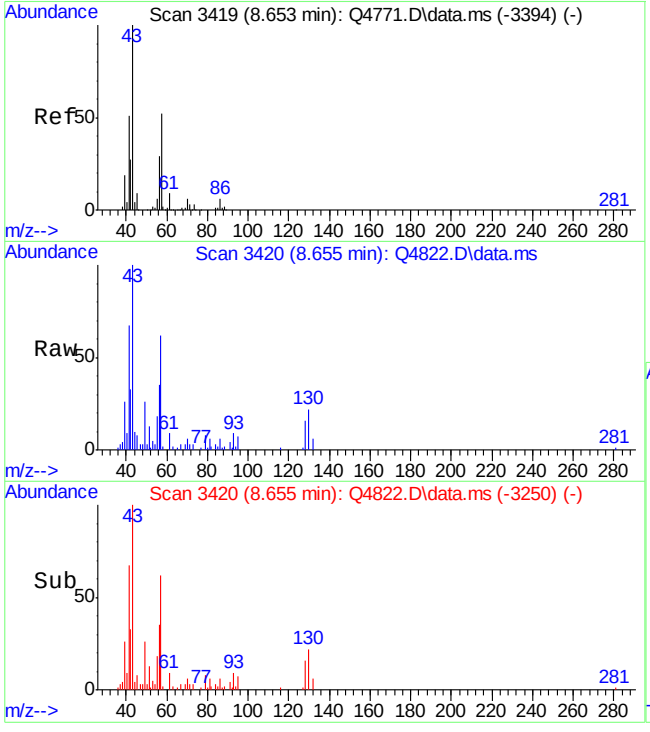


#20
FREON 113
Concen: 0.12 PPBV m
RT: 6.795 min Scan# 2372
Delta R.T. 0.007 min
Lab File: Q4822.D
Acq: 4 Oct 2007 7:59 pm

Tgt Ion:151 Resp: 15159

Ion	Ratio	Lower	Upper
151	100		
101	131.5	103.1	143.1
103	79.3	58.5	98.5

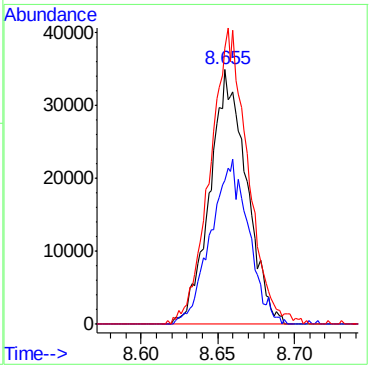


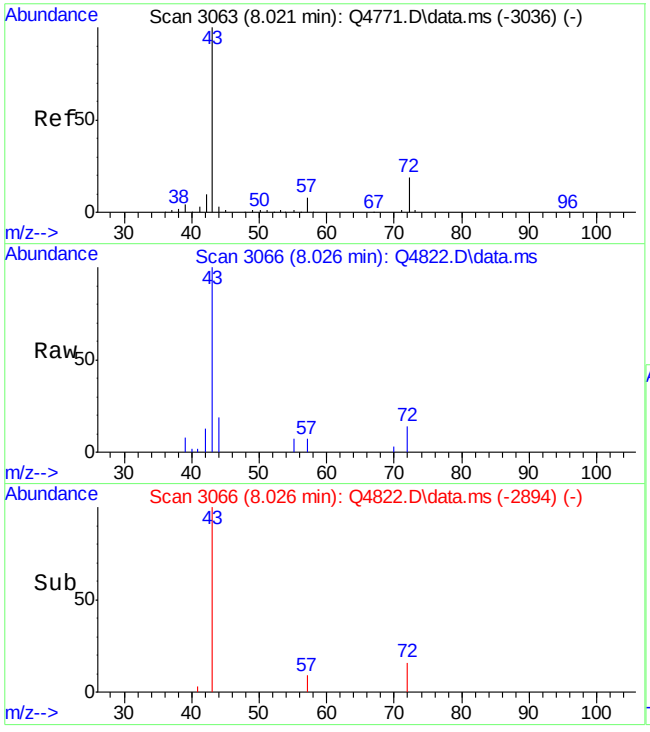


#25
HEXANE
Concen: 0.91 PPBV
RT: 8.655 min Scan# 3420
Delta R.T. 0.002 min
Lab File: Q4822.D
Acq: 4 Oct 2007 7:59 pm

Tgt Ion: 57 Resp: 57962

Ion	Ratio	Lower	Upper
57	100		
56	66.4	37.5	77.5
41	119.7	85.1	125.1

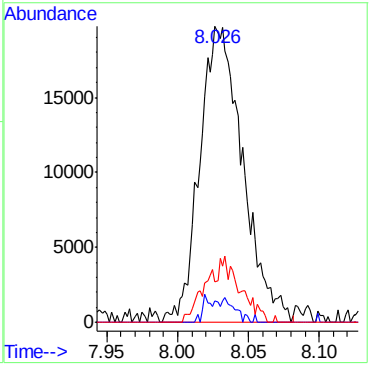


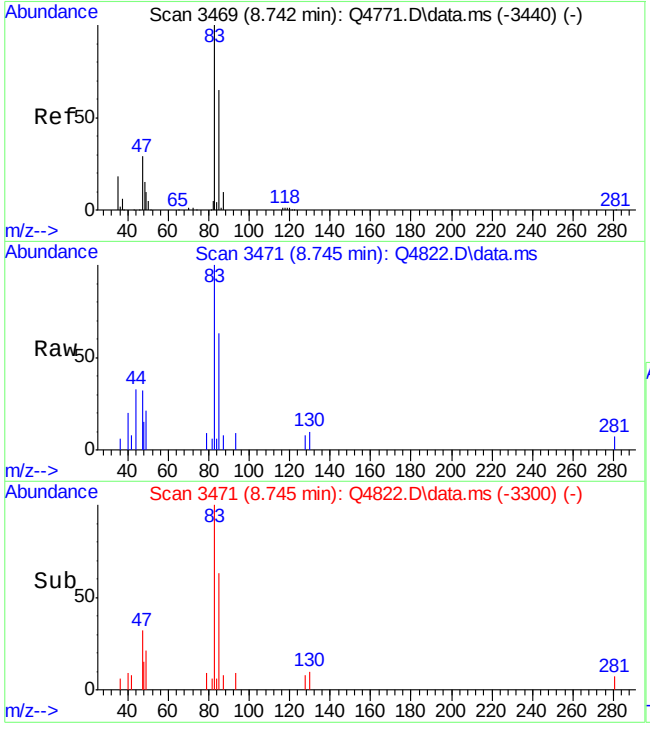


#28
METHYL ETHYL KETONE
Concen: 0.53 PPBV
RT: 8.026 min Scan# 3066
Delta R.T. 0.005 min
Lab File: Q4822.D
Acq: 4 Oct 2007 7:59 pm

Tgt Ion: 43 Resp: 41657

Ion	Ratio	Lower	Upper
43	100		
57	7.1	0.0	27.7
72	13.6	0.0	39.3

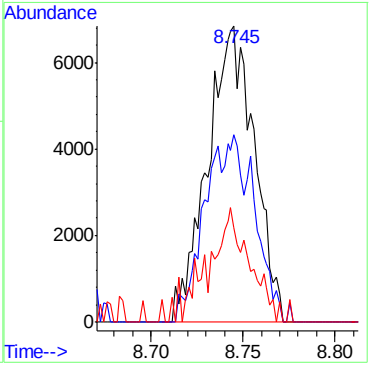


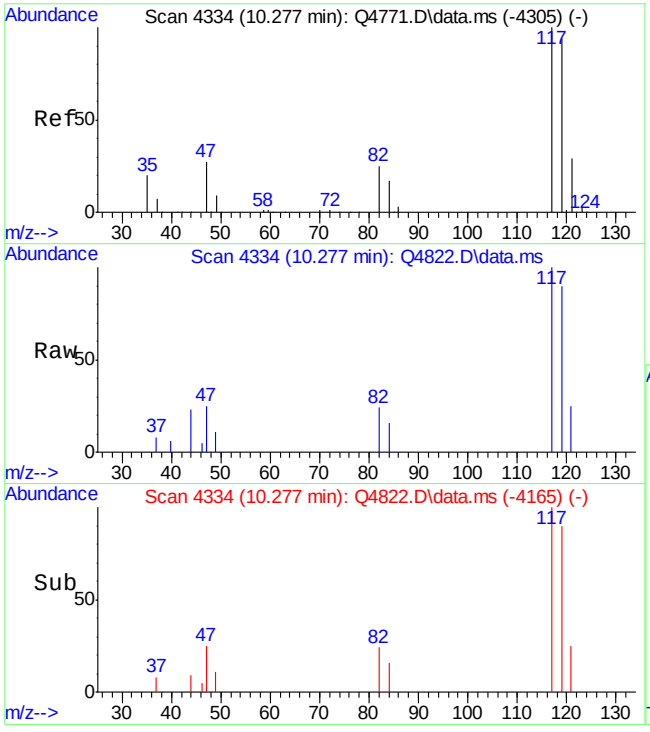


#31
CHLOROFORM
Concen: 0.09 PPBV
RT: 8.745 min Scan# 3471
Delta R.T. 0.004 min
Lab File: Q4822.D
Acq: 4 Oct 2007 7:59 pm

Tgt Ion: 83 Resp: 12154

Ion	Ratio	Lower	Upper
83	100		
85	66.9	45.0	85.0
47	26.8	10.2	50.2

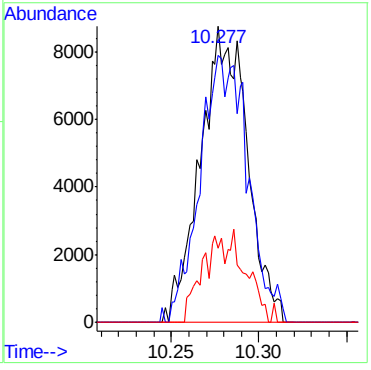


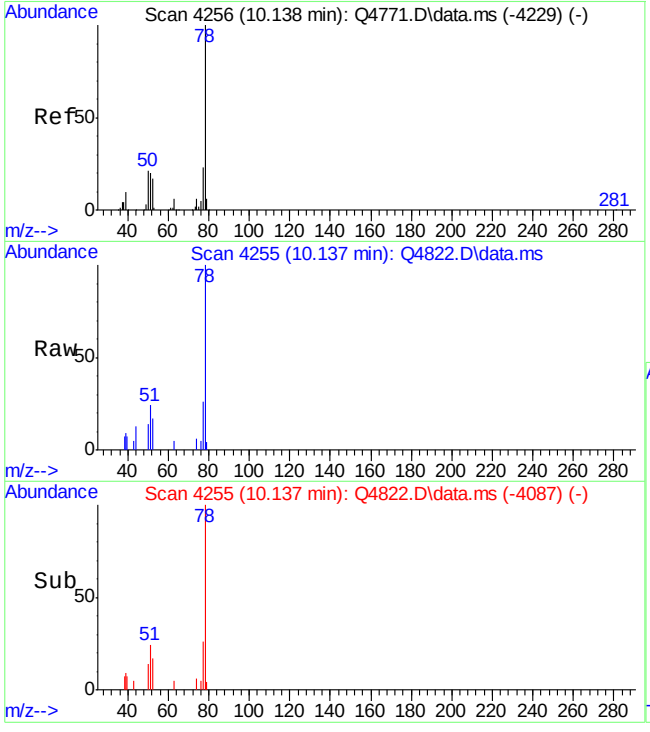


#33
CARBON TETRACHLORIDE
Concen: 0.09 PPBV
RT: 10.277 min Scan# 4334
Delta R.T. 0.000 min
Lab File: Q4822.D
Acq: 4 Oct 2007 7:59 pm

Tgt Ion:117 Resp: 16237

Ion	Ratio	Lower	Upper
117	100		
119	92.6	76.6	116.6
121	26.6	10.7	50.7

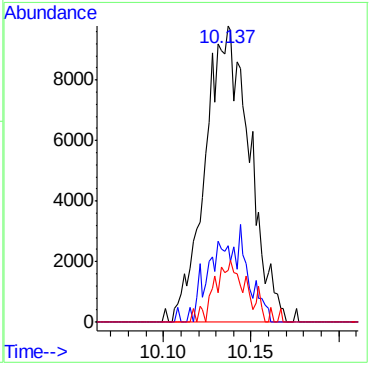


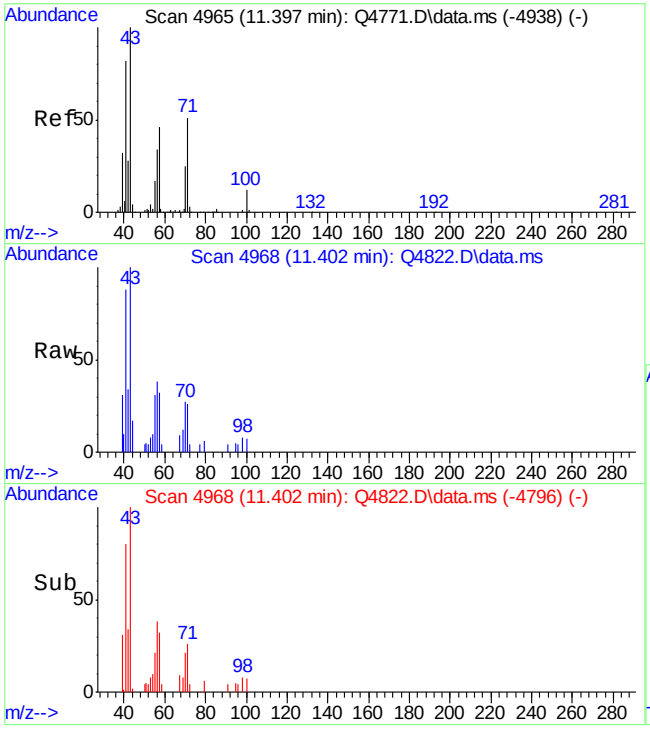


#36
BENZENE
Concen: 0.16 PPBV
RT: 10.137 min Scan# 4255
Delta R.T. -0.002 min
Lab File: Q4822.D
Acq: 4 Oct 2007 7:59 pm

Tgt Ion: 78 Resp: 17158

Ion	Ratio	Lower	Upper
78	100		
77	25.2	4.0	44.0
52	14.9	0.0	37.0

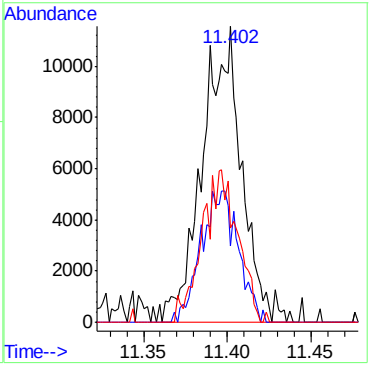


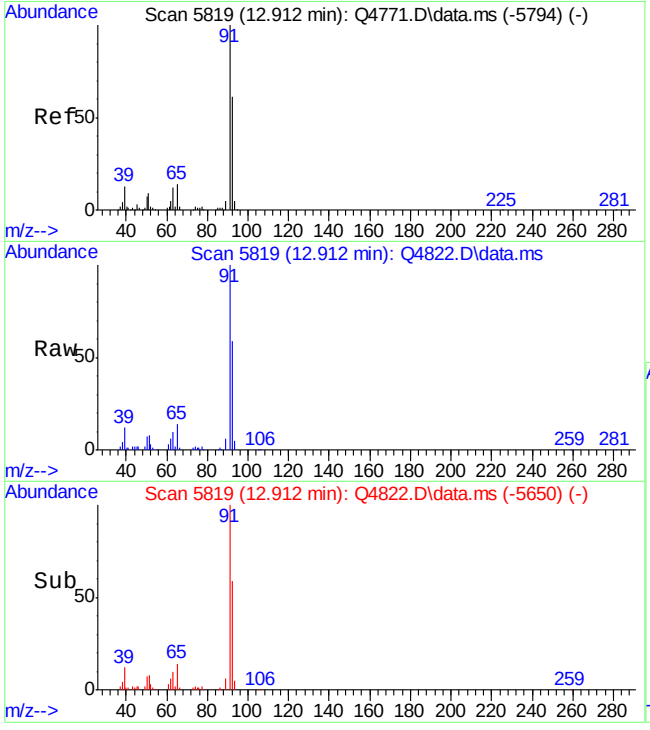


#43
HEPTANE
Concen: 0.31 PPBV
RT: 11.402 min Scan# 4968
Delta R.T. 0.005 min
Lab File: Q4822.D
Acq: 4 Oct 2007 7:59 pm

Tgt Ion: 43 Resp: 18863

Ion	Ratio	Lower	Upper
43	100		
71	42.2	30.8	70.8
57	46.9	29.0	69.0

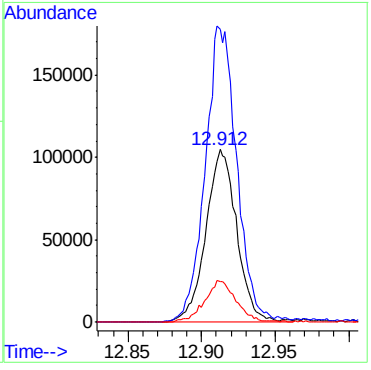


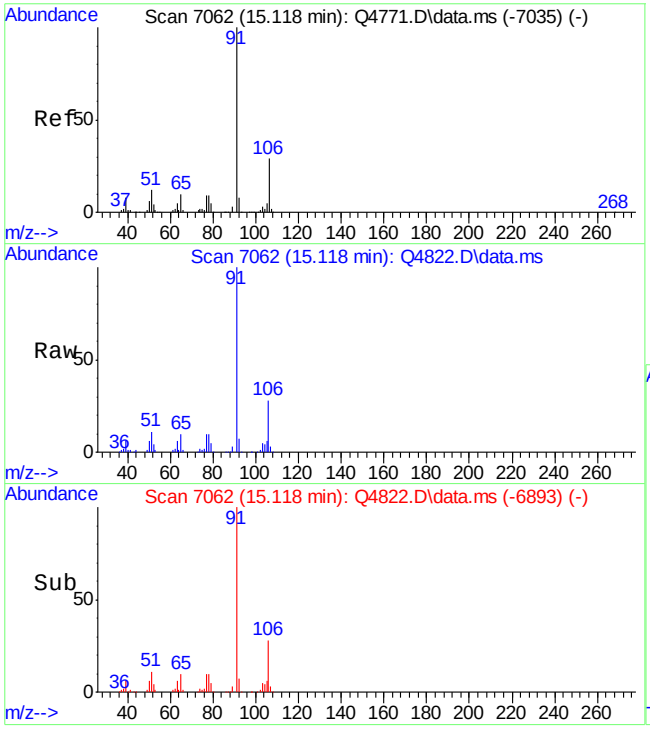


#46
TOLUENE
Concen: 2.09 PPBV
RT: 12.912 min Scan# 5819
Delta R.T. 0.000 min
Lab File: Q4822.D
Acq: 4 Oct 2007 7:59 pm

Tgt Ion: 92 Resp: 152573

Ion	Ratio	Lower	Upper
92	100		
91	177.6	150.2	190.2
65	24.5	1.8	41.8

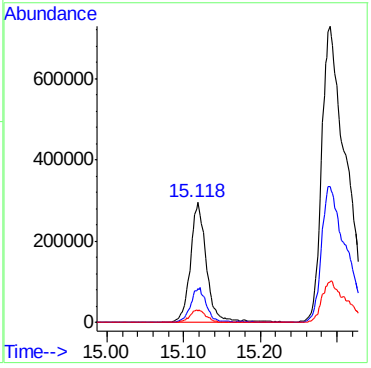


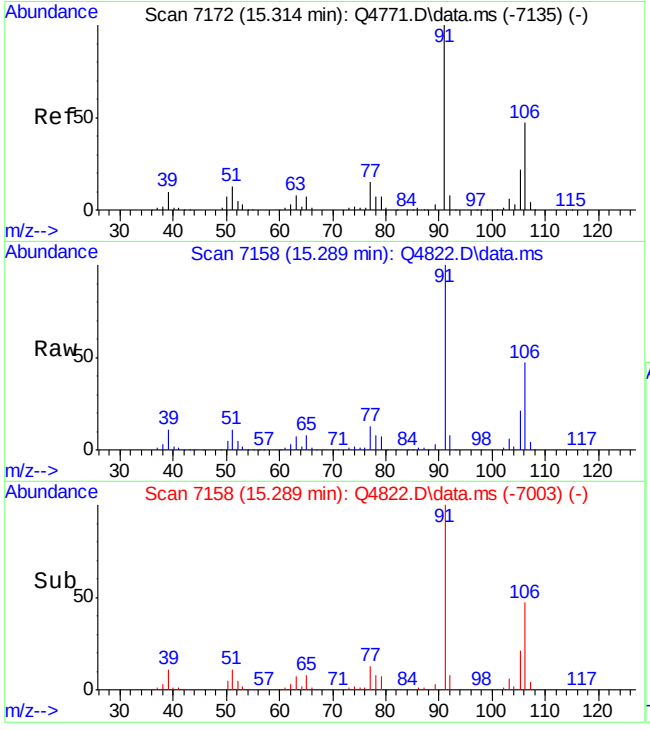


#55
ETHYLBENZENE
Concen: 2.56 PPBV
RT: 15.118 min Scan# 7062
Delta R.T. 0.000 min
Lab File: Q4822.D
Acq: 4 Oct 2007 7:59 pm

Tgt Ion: 91 Resp: 431440

Ion	Ratio	Lower	Upper
91	100		
106	28.3	8.9	48.9
77	10.5	0.0	29.4

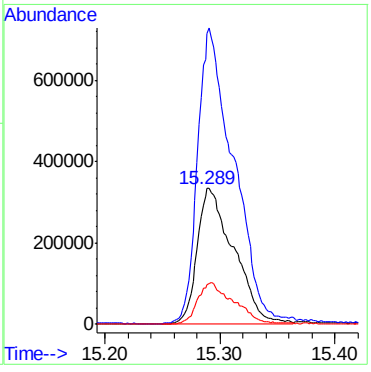


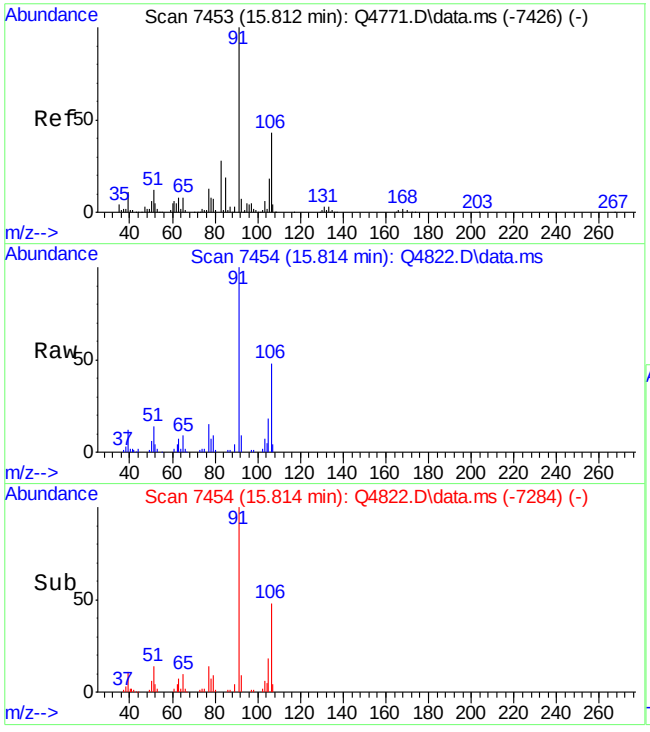


#56
m,p-XYLENE
Concen: 10.27 PPBV
RT: 15.289 min Scan# 7158
Delta R.T. -0.024 min
Lab File: Q4822.D
Acq: 4 Oct 2007 7:59 pm

Tgt Ion:106 Resp: 738242

Ion	Ratio	Lower	Upper
106	100		
91	214.1	170.9	256.3
77	28.7	25.1	37.7

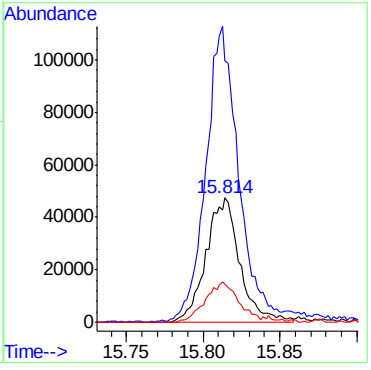


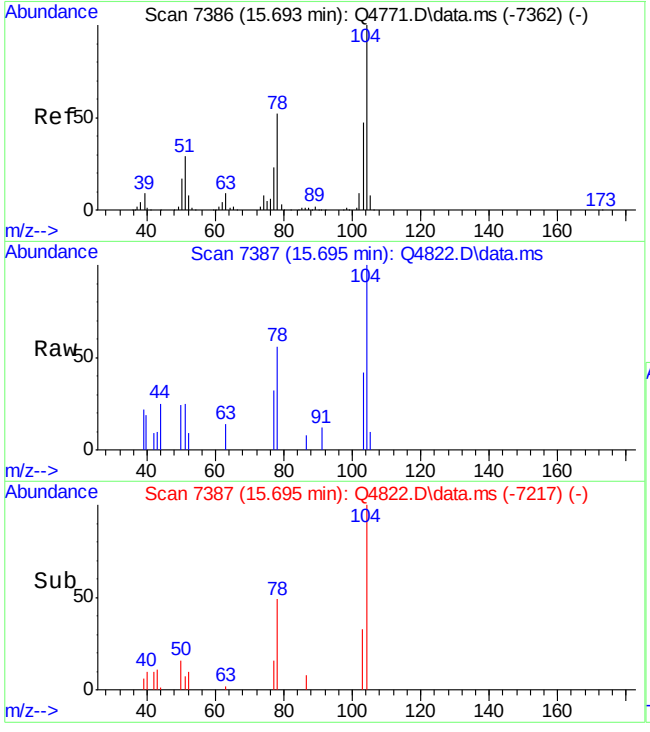


#57
o-XYLENE
Concen: 1.42 PPBV
RT: 15.814 min Scan# 7454
Delta R.T. 0.002 min
Lab File: Q4822.D
Acq: 4 Oct 2007 7:59 pm

Tgt Ion:106 Resp: 72803

Ion	Ratio	Lower	Upper
106	100		
91	240.7	212.7	252.7
77	34.1	11.3	51.3

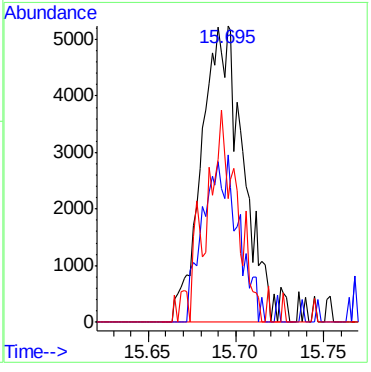


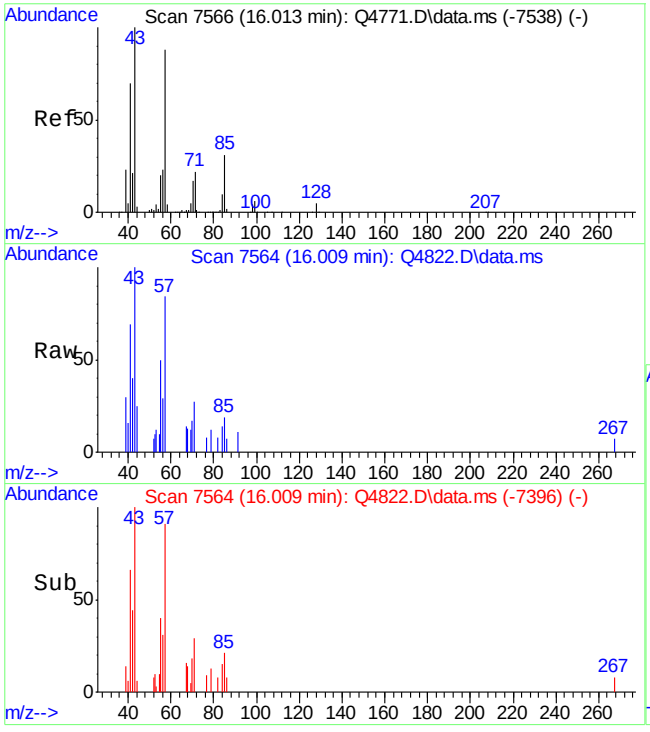


#58
STYRENE
Concen: 0.66 PPBV
RT: 15.695 min Scan# 7387
Delta R.T. 0.002 min
Lab File: Q4822.D
Acq: 4 Oct 2007 7:59 pm

Tgt Ion:104 Resp: 8781

Ion	Ratio	Lower	Upper
104	100		
78	46.5	30.3	70.3
103	52.0	27.6	67.6

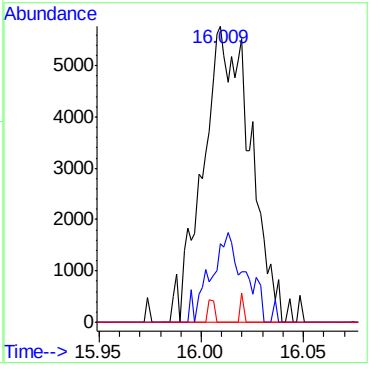


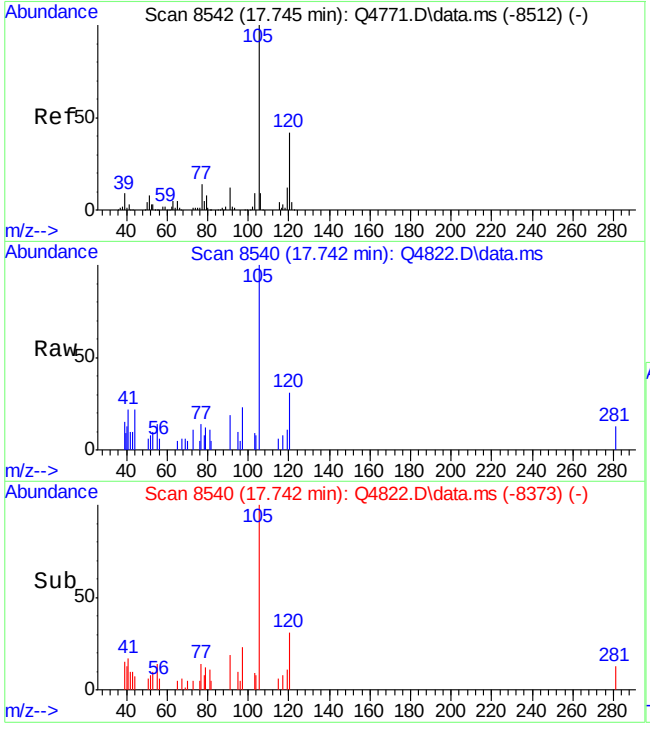


#59
NONANE
Concen: 0.51 PPBV
RT: 16.009 min Scan# 7564
Delta R.T. -0.003 min
Lab File: Q4822.D
Acq: 4 Oct 2007 7:59 pm

Tgt Ion: 43 Resp: 9353

Ion	Ratio	Lower	Upper
43	100		
71	21.6	1.4	41.4
128	1.0	0.0	24.3

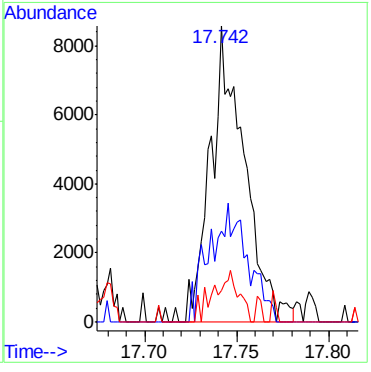


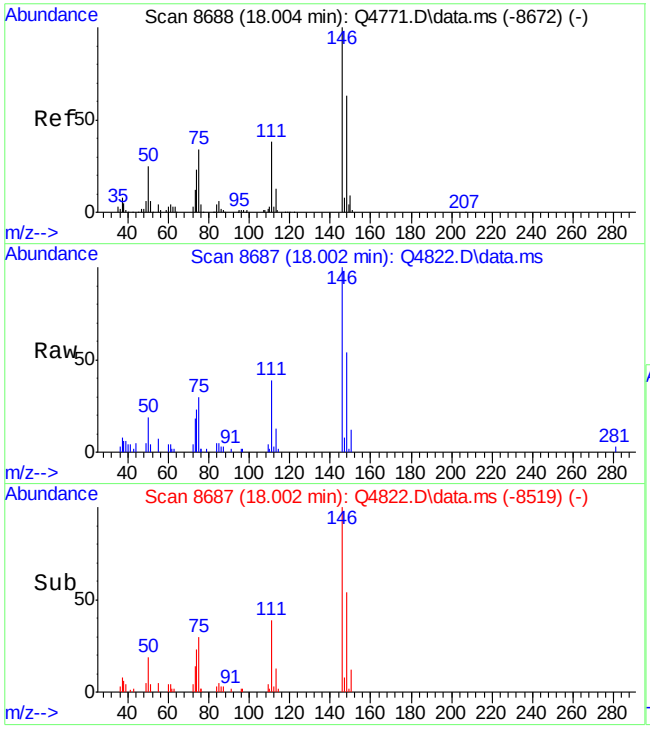


#67
1,2,4-TRIMETHYLBENZENE
Concen: 0.74 PPBV
RT: 17.742 min Scan# 8540
Delta R.T. -0.003 min
Lab File: Q4822.D
Acq: 4 Oct 2007 7:59 pm

Tgt Ion:105 Resp: 11048

Ion	Ratio	Lower	Upper
105	100		
120	44.6	23.2	63.2
119	12.9	0.0	31.5

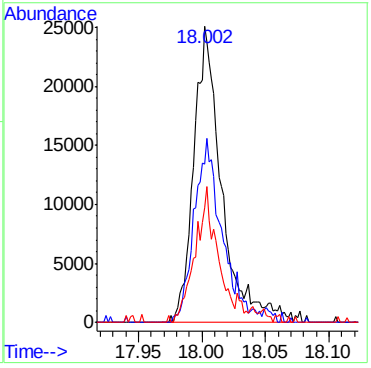




#70
p-DICHLOROBENZENE
Concen: 1.04 PPBV
RT: 18.002 min Scan# 8687
Delta R.T. -0.002 min
Lab File: Q4822.D
Acq: 4 Oct 2007 7:59 pm

Tgt Ion:146 Resp: 37902

Ion	Ratio	Lower	Upper
146	100		
148	61.7	44.1	84.1
111	38.4	21.2	61.2



6.4.1

6

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q4822.D
Acq On    :  4 Oct 2007   7:59 pm
Operator  : danat
Sample    : m68147-1dup (M222)
Misc      : MS14404,MSQ248,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Oct 05 08:58:58 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Oct 03 09:29:03 2007
Response via : Initial Calibration
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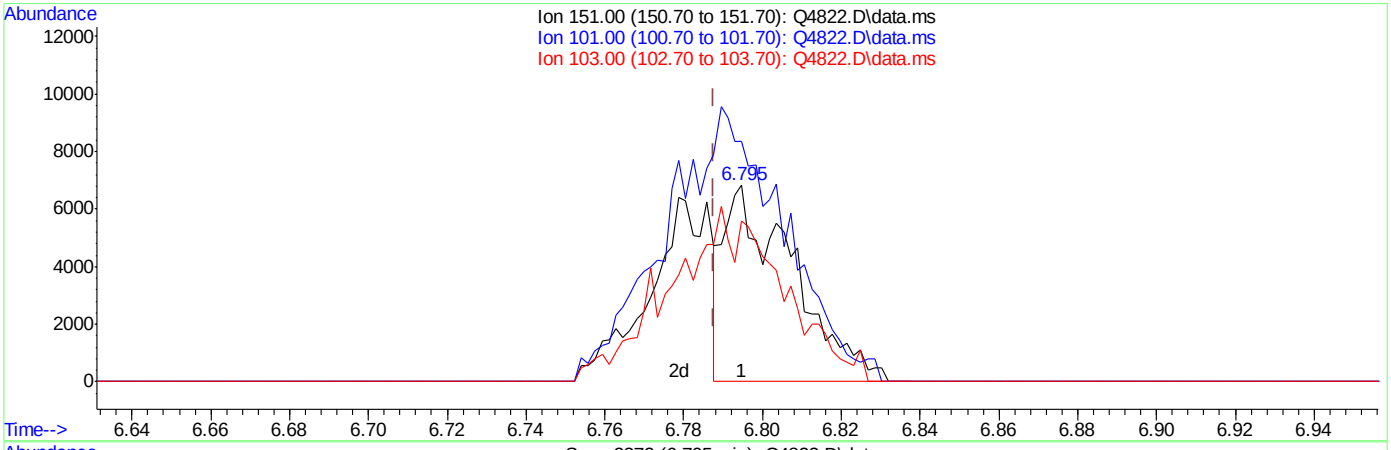
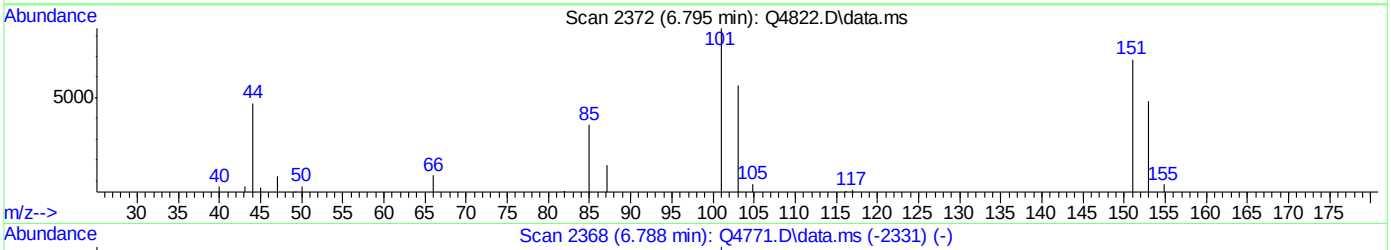
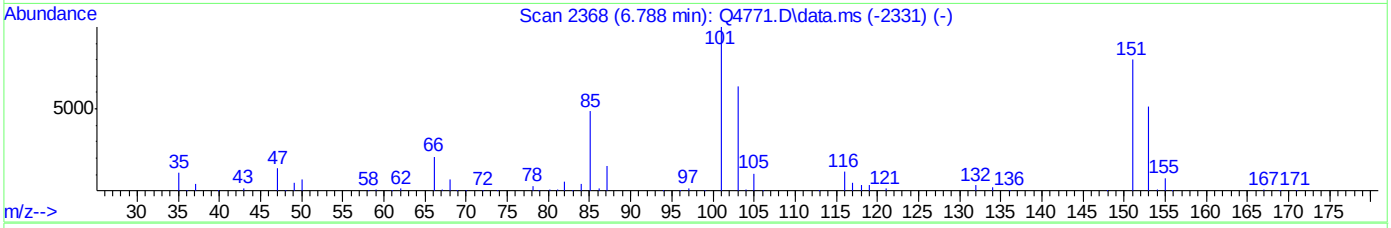






TIC: Q4822.D\data.ms

(20) FREON 113 (m)

6.795min (+0.007) 0.07PPBV

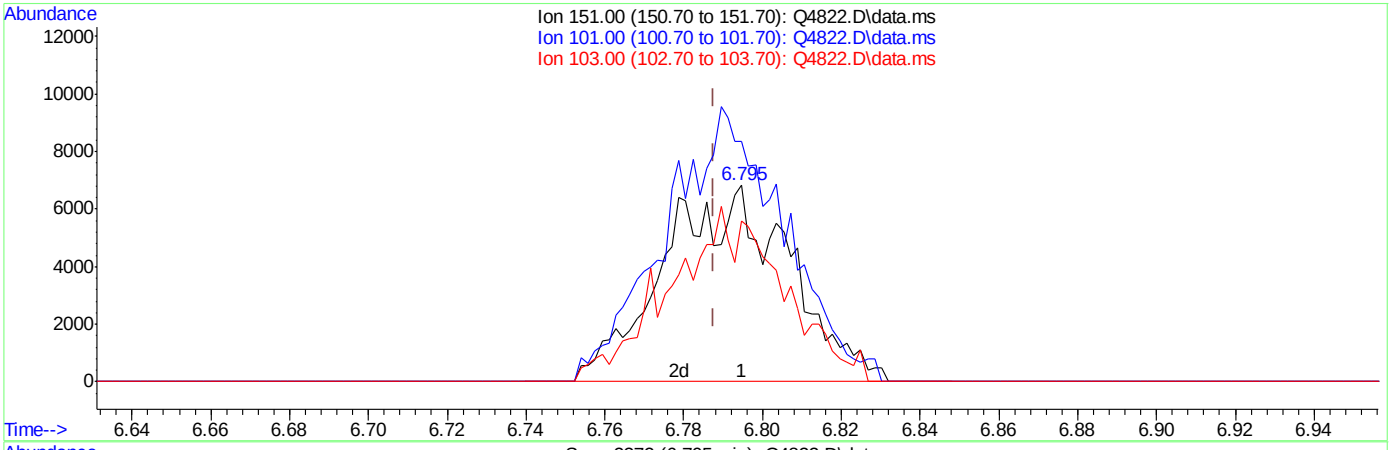
response 8353

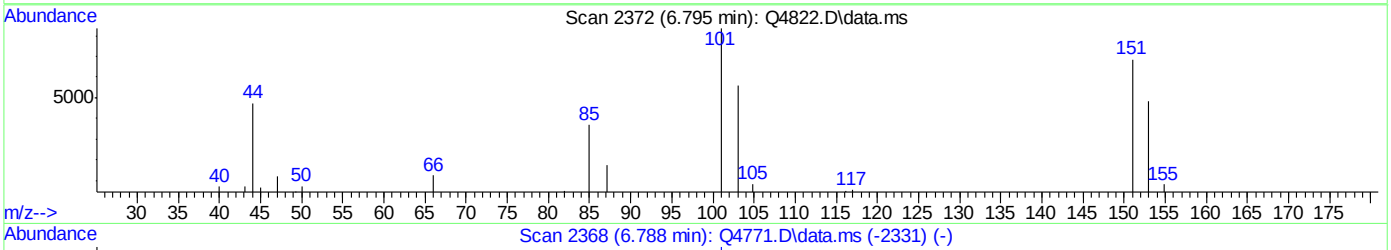
Ion	Exp%	Act%
151.00	100	100
101.00	123.10	238.63#
103.00	78.50	144.00#
0.00	0.00	0.00

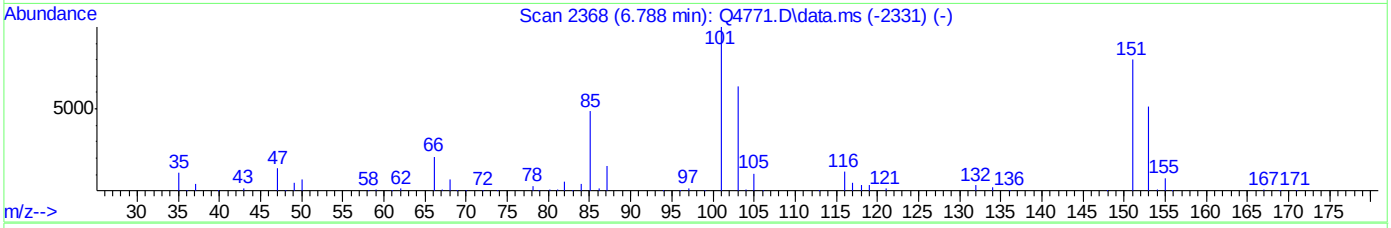
Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q4822.D
Acq On    :  4 Oct 2007   7:59 pm
Operator  : danat
Sample    : m68147-1dup (M222)
Misc      : MS14404,MSQ248,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Oct 05 08:58:58 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Oct 03 09:29:03 2007
Response via : Initial Calibration
```





TIC: Q4822.D\data.ms

(20) FREON 113 (m)

6.795min (+0.007) 0.12PPBV m

response 15159

Ion	Exp%	Act%
151.00	100	100
101.00	123.10	131.49
103.00	78.50	79.35
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 : q3924.d
Acq On : 6 Jul 2007 1:28 am
Operator : PhilipB
Sample : scc (M052)
Misc : MS13893, MSQ210,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 06 09:25:22 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	8.630	128	73547	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.463	114	333807	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.703	117	271914	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.327	95	101588	3.86	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 77.20%

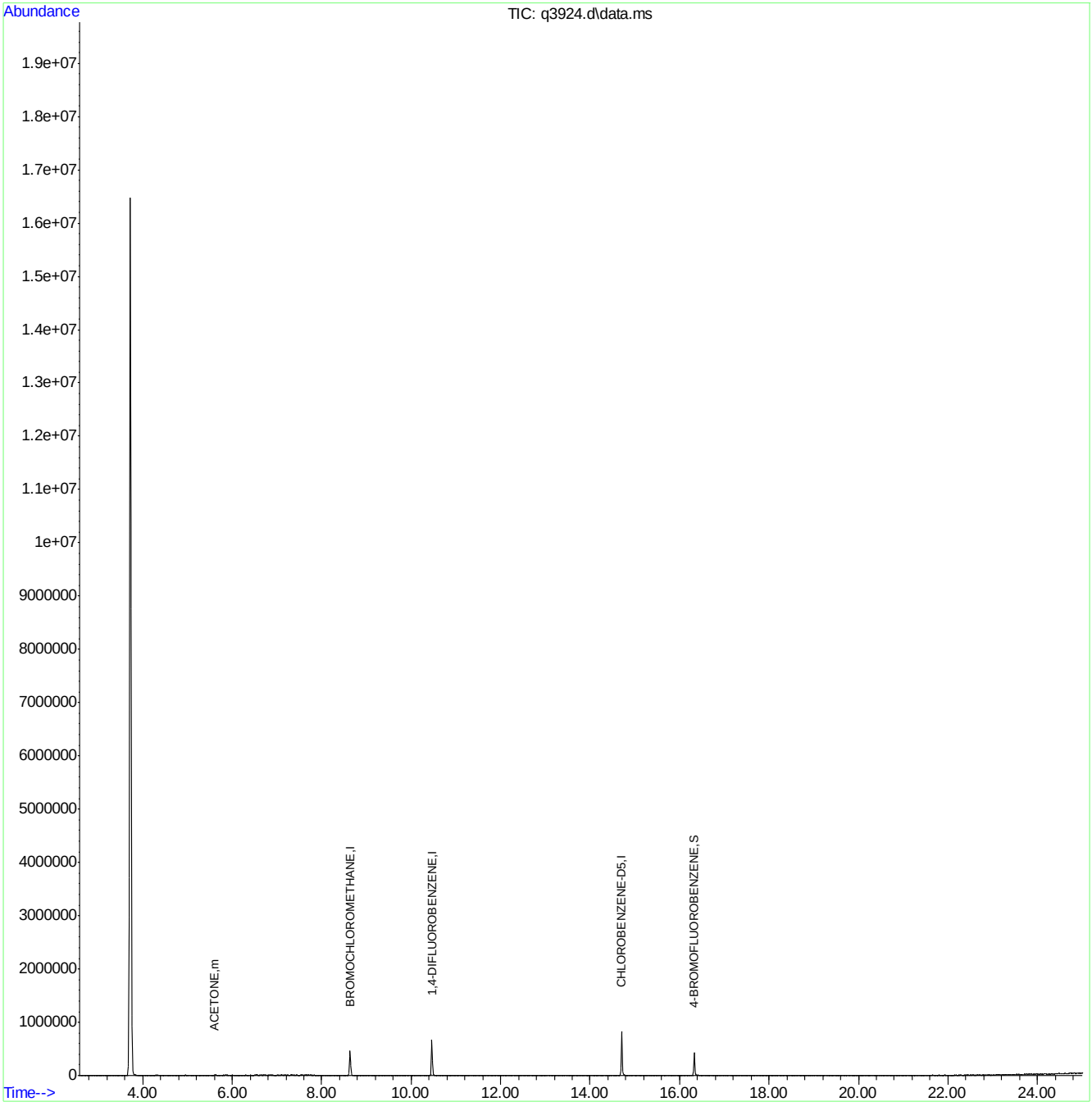
Target Compounds						Qvalue
12) ACETONE	5.606	43	6379m	0.23	PPBV	

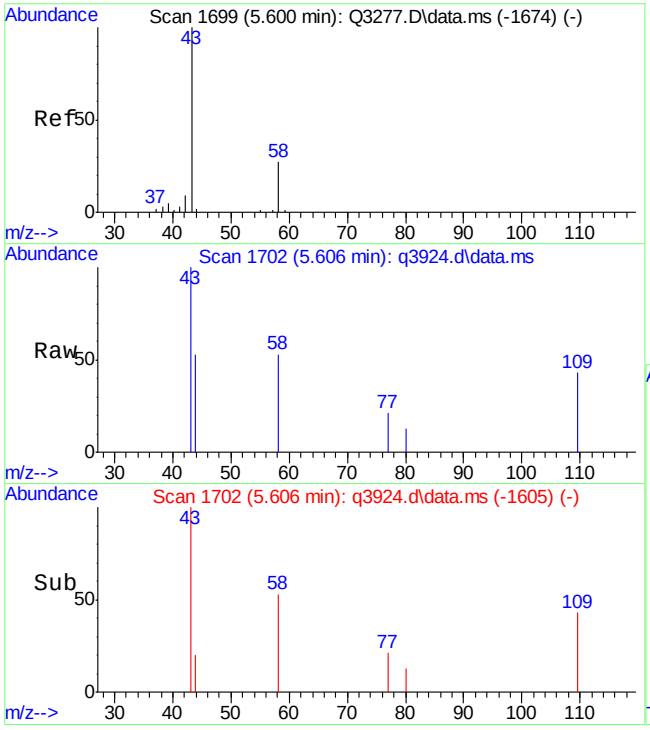
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : q3924.d
Acq On : 6 Jul 2007 1:28 am
Operator : PhilipB
Sample : scc (M052)
Misc : MS13893, MSQ210,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 06 09:25:22 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

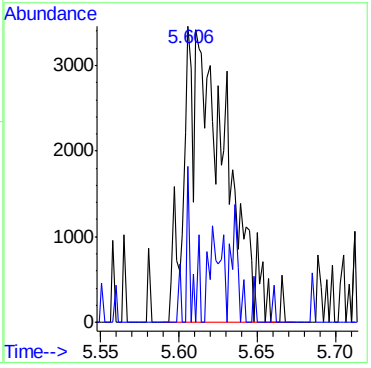




#12
ACETONE
Concen: 0.23 PPBV m
RT: 5.606 min Scan# 1702
Delta R.T. 0.017 min
Lab File: q3924.d
Acq: 6 Jul 2007 1:28 am

Tgt Ion: 43 Resp: 6379

Ion	Ratio	Lower	Upper
43	100		
58	6.8	9.0	49.0#



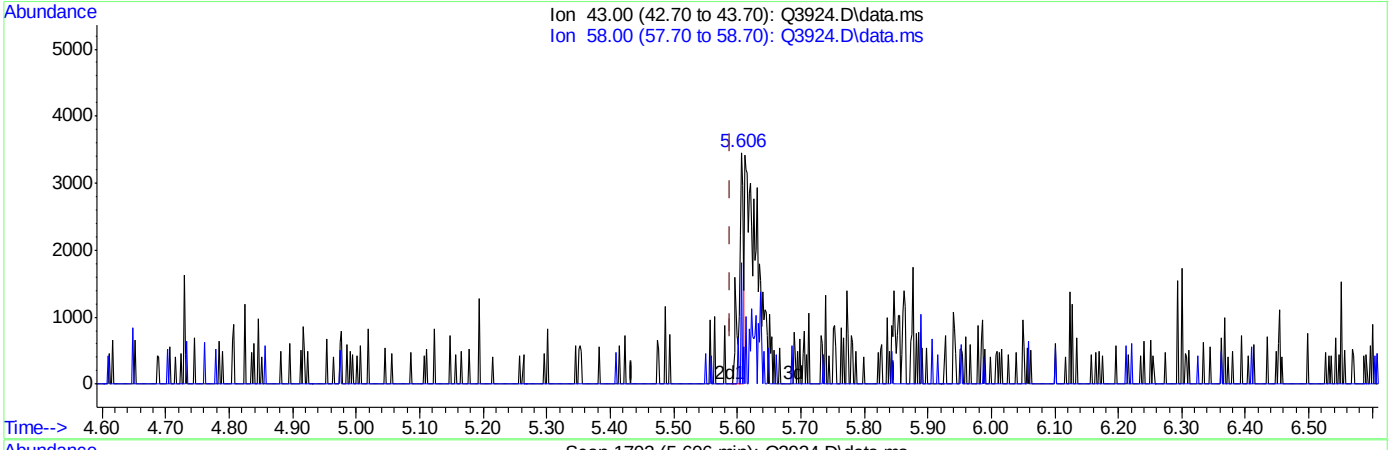
6.5.1

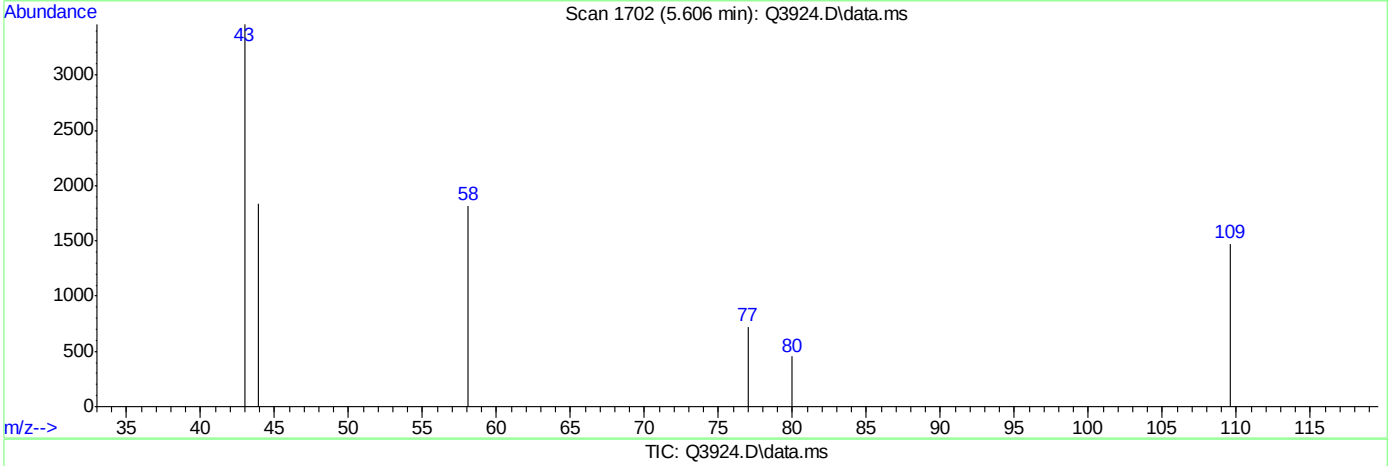
6

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3924.D
Acq On : 6 Jul 2007 1:28 am
Operator : PhilipB
Sample : BLK (M052)
Misc : MS13893, MSQ210,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 06 09:24:44 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: Q3924.D\data.ms

(12) ACETONE (m)

5.606min (+0.017) 0.06PPBV

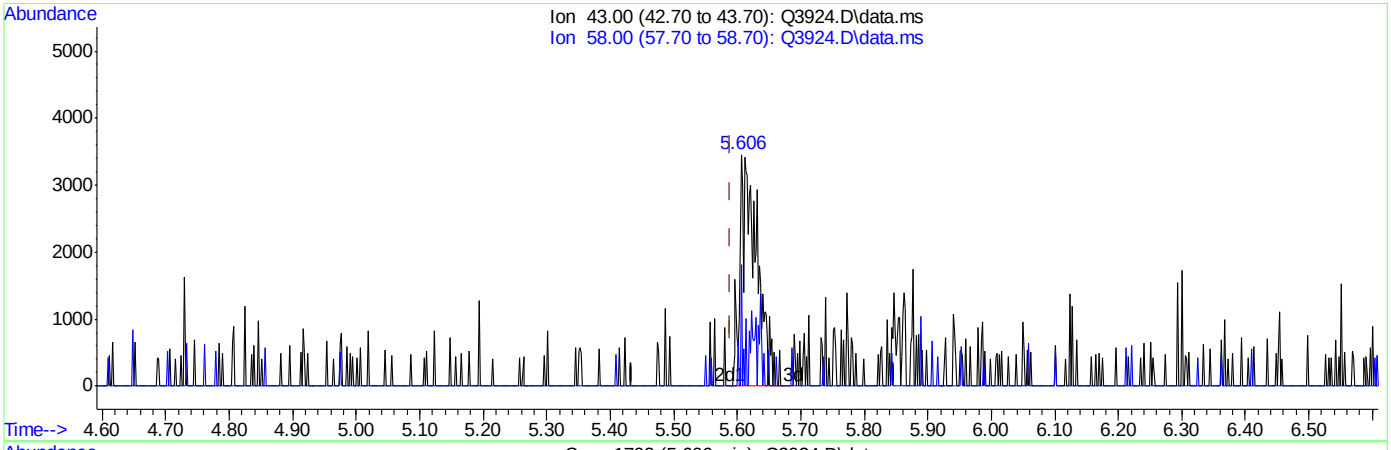
response 1536

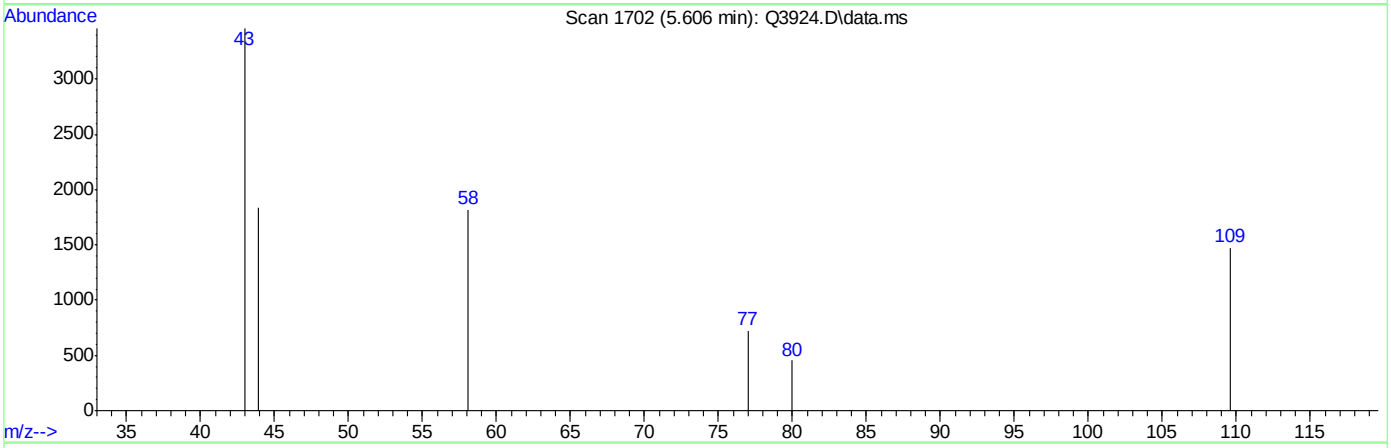
Ion	Exp%	Act%
43.00	100	100
58.00	29.00	28.32
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3924.D
Acq On : 6 Jul 2007 1:28 am
Operator : PhilipB
Sample : BLK (M052)
Misc : MS13893, MSQ210,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 06 09:24:44 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: Q3924.D\data.ms

(12) ACETONE (m)

5.606min (+0.017) 0.23PPBV m

response 6379

Ion	Exp%	Act%
43.00	100	100
58.00	29.00	6.82#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10881.D
Acq On : 6 Jul 2007 5:36 am
Operator : danat
Sample : scc (M222)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 06 13:26:28 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:30:53 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.61	128	321143	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.43	114	1250061	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.66	117	1099502	10.00	PPBV	-0.01

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	301522	4.46	PPBV	-0.01

Spiked Amount 5.000 Range 51 - 142 Recovery = 89.20%

Target Compounds						Qvalue
12) ACETONE	5.69	43	11658	0.31	PPBV	70

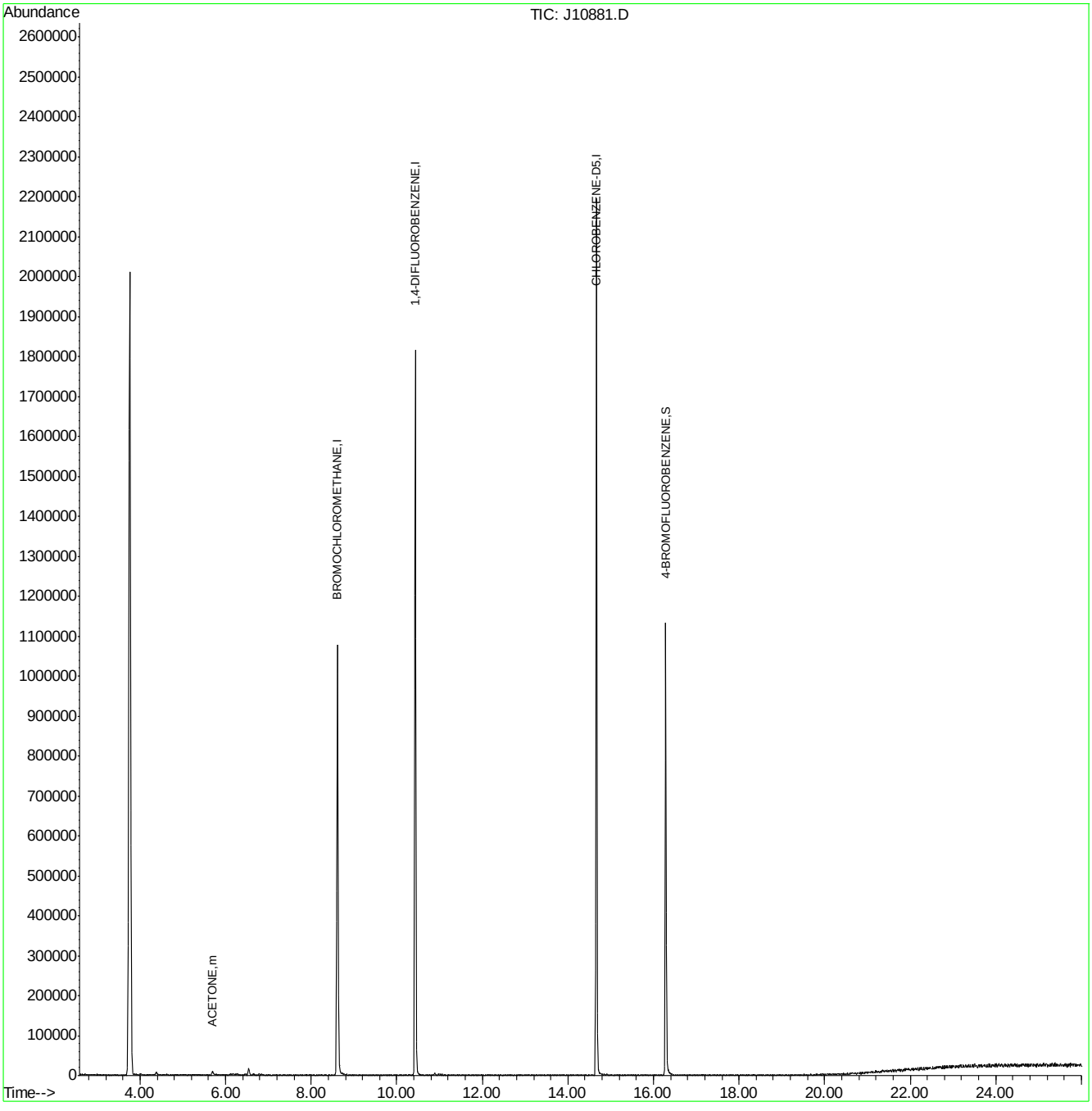
(#) = qualifier out of range (m) = manual integration (+) = signals summed

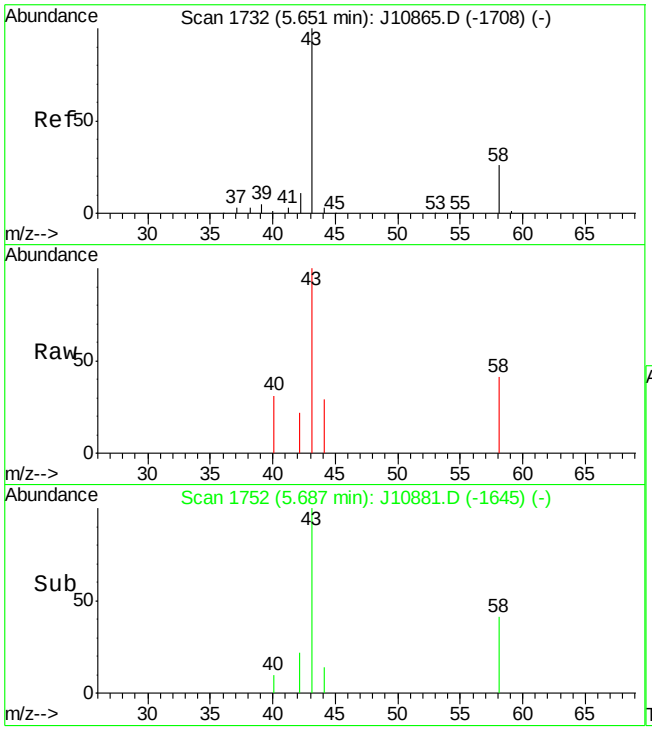
ACCUTEST Laboratories

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10881.D
Acq On : 6 Jul 2007 5:36 am
Operator : danat
Sample : scc (M222)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 06 13:26:28 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:30:53 2007
Response via : Initial Calibration

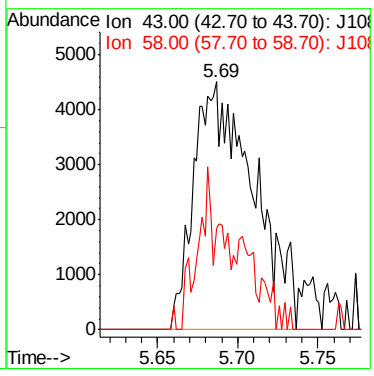




#12
ACETONE
Concen: 0.31 PPBV
RT: 5.69 min Scan# 1752
Delta R.T. 0.04 min
Lab File: J10881.D
Acq: 6 Jul 2007 5:36 am

Tgt Ion: 43 Resp: 11658

Ion	Ratio	Lower	Upper
43	100		
58	40.8	5.6	45.6

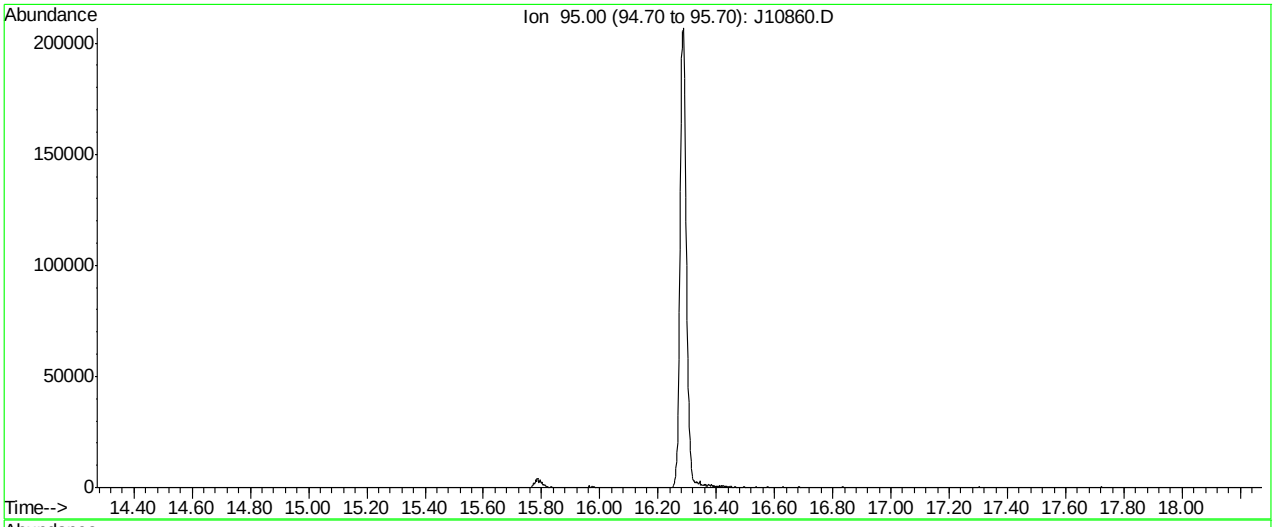


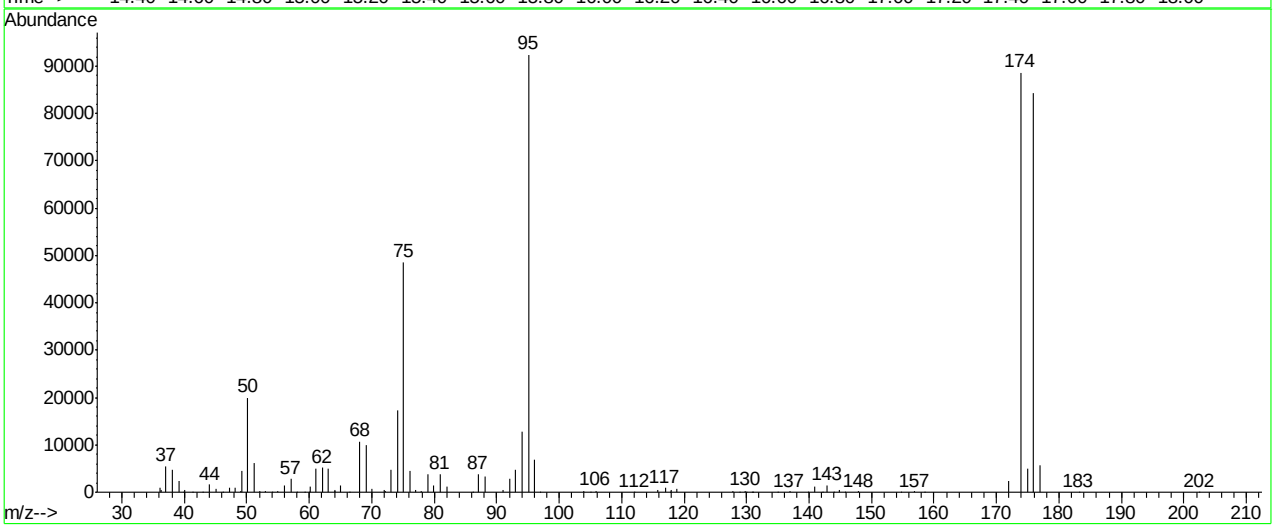
BFB

Data File : C:\MSDChem\1\data\J10860.D
Acq On : 5 Jul 2007 10:47 am
Sample : ic562-0.5 (M210)
Misc : MS13866, MSJ562,,,,,1
MS Integration Params: LSCINT.P

Vial: 1
Operator: danat
Inst : MSJ
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.267 to 16.281 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	21.6	19975	PASS
75	95	30	66	52.6	48614	PASS
95	95	100	100	100.0	92470	PASS
96	95	5	9	7.5	6965	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	95.9	88639	PASS
175	174	4	9	5.5	4877	PASS
176	174	93	101	95.2	84398	PASS
177	176	5	9	6.8	5762	PASS

J10860.D J070507T.M Fri Jul 06 11:16:24 2007

Average of 16.267 to 16.281 min.: J10860.D
ic562-0.5 (M210)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	948	46.15	117	56.05	1504	65.05	1477
36.20	368	47.15	923	57.05	2744	66.50	53
37.05	5479	48.10	846	58.00	66	68.10	10723
38.10	4787	49.00	136	59.20	53	69.05	9860
39.15	2418	49.15	4497	59.90	47	70.05	733
39.90	110	50.10	19975	60.15	1104	71.95	491
40.05	434	51.10	6182	61.05	4889	72.15	320
41.30	54	52.05	209	62.10	5122	73.05	4851
42.90	50	53.05	216	63.05	5052	74.10	17352
44.05	1605	54.00	53	64.00	261	75.10	48614
45.05	830	54.95	203	64.15	475	76.05	4618

Average of 16.267 to 16.281 min.: J10860.D
ic562-0.5 (M210)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
77.00	589	93.05	4774	117.70	53	139.80	57
77.95	250	94.10	12748	117.90	366	140.85	1127
78.95	3875	95.05	92470	118.90	736	142.10	53
79.95	1448	96.05	6965	127.85	316	142.95	1513
80.95	3812	97.00	71	128.80	50	144.00	44
81.95	1227	103.95	277	129.80	342	144.90	529
86.20	92	104.95	91	130.00	58	145.80	74
87.00	3901	105.90	345	130.80	62	147.90	138
88.05	3396	112.05	126	131.00	53	154.80	103
90.95	372	115.85	390	134.90	54	156.95	162
92.05	2789	116.95	877	136.90	139	158.50	49

Average of 16.267 to 16.281 min.: J10860.D
ic562-0.5 (M210)

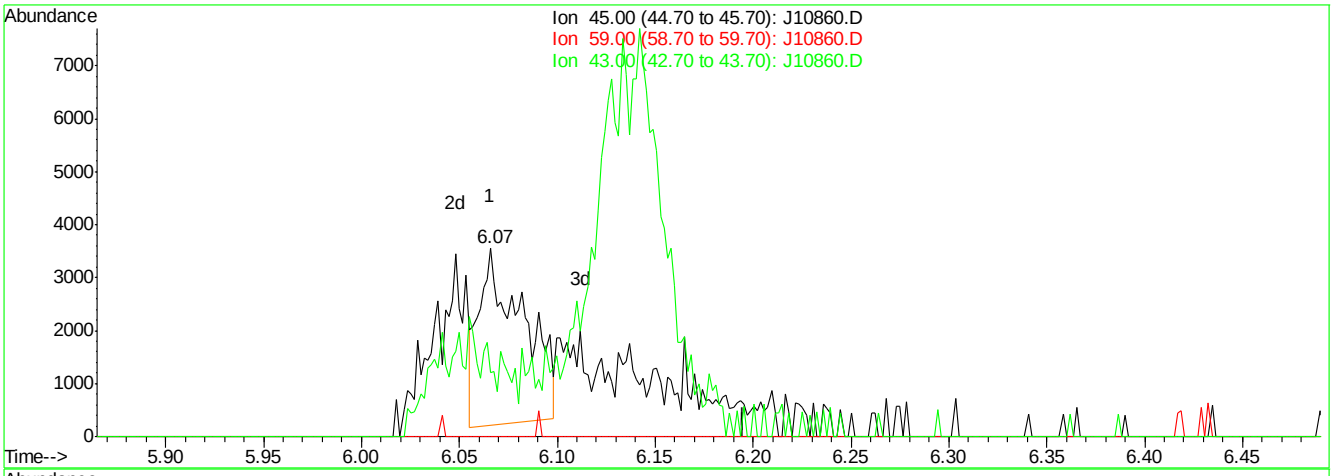
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
171.95	2479						
173.90	88639						
175.00	4877						
175.90	84398						
176.95	5762						
183.20	45						
202.50	46						

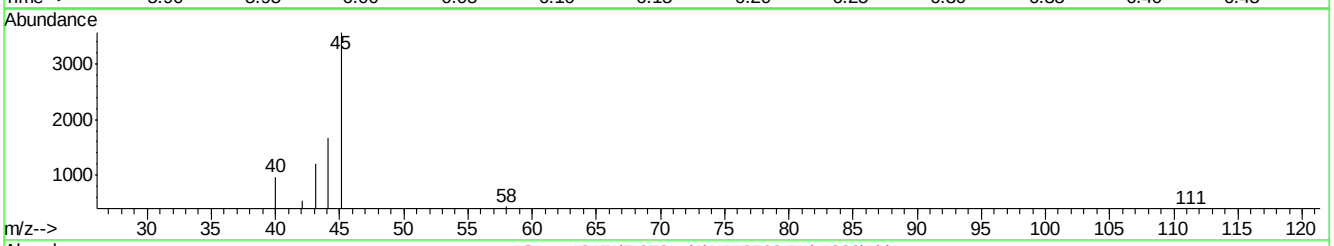
Quantitation Report (Qedit)

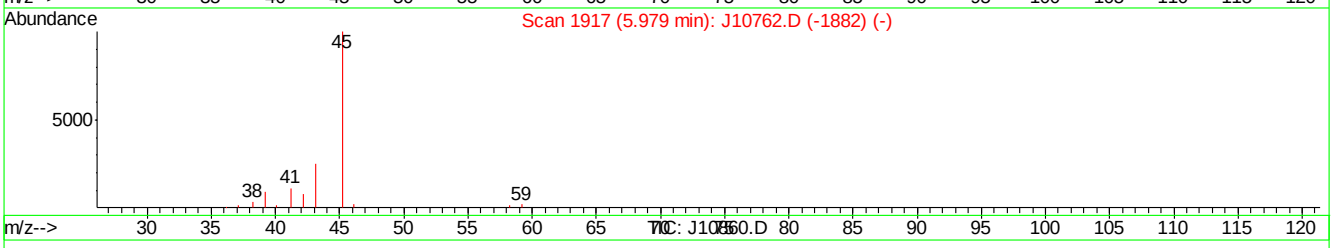
Data File : C:\MSDChem\1\data\J10860.D Vial: 1
Acq On : 5 Jul 2007 10:47 am Operator: danat
Sample : ic562-0.5 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 11:24:40 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.07min 0.15PPBV

response 5209

Ion	Exp%	Act%
45.00	100	100
59.00	2.20	0.00
43.00	25.50	34.10
0.00	0.00	0.00

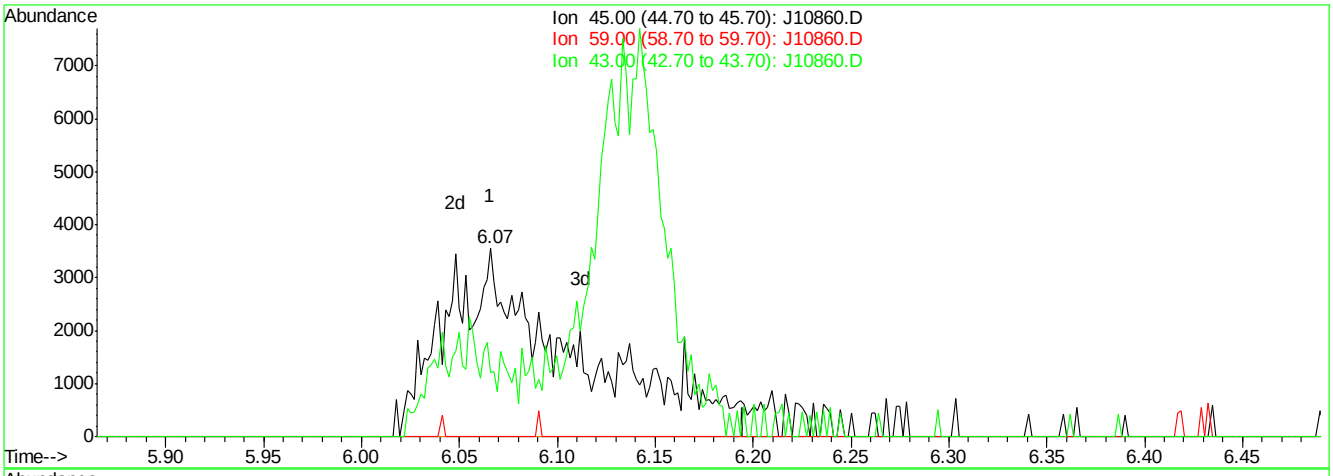
J10860.D J070507T.M Thu Jul 05 11:26:38 2007

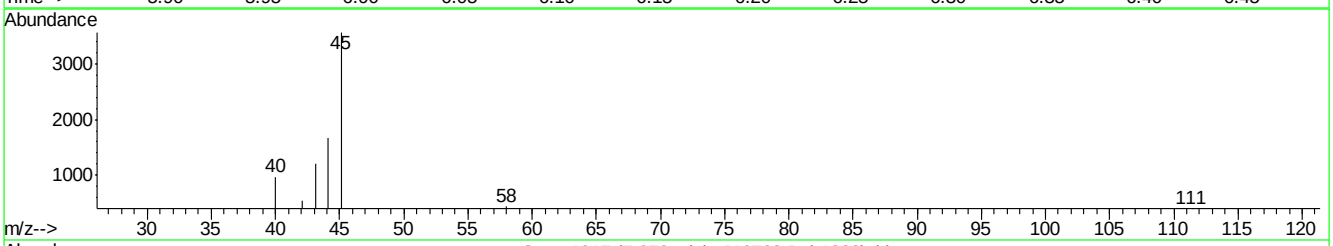
Quantitation Report (Qedit)

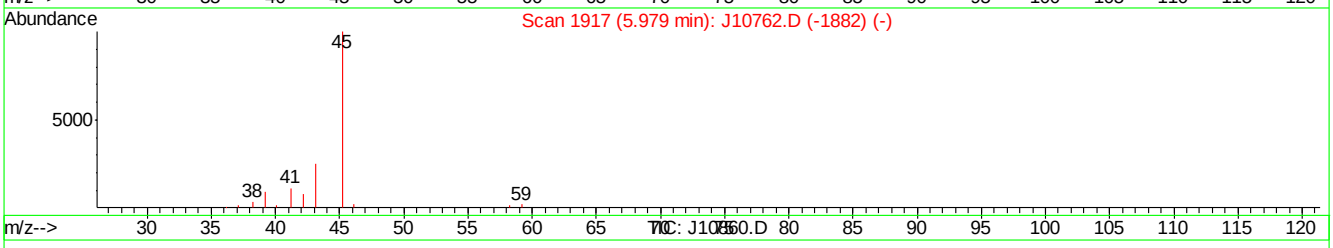
Data File : C:\MSDChem\1\data\J10860.D Vial: 1
Acq On : 5 Jul 2007 10:47 am Operator: danat
Sample : ic562-0.5 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 11:24:40 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.07min 0.47PPBV m

response 16583

Ion	Exp%	Act%
45.00	100	100
59.00	2.20	0.00
43.00	25.50	34.10
0.00	0.00	0.00

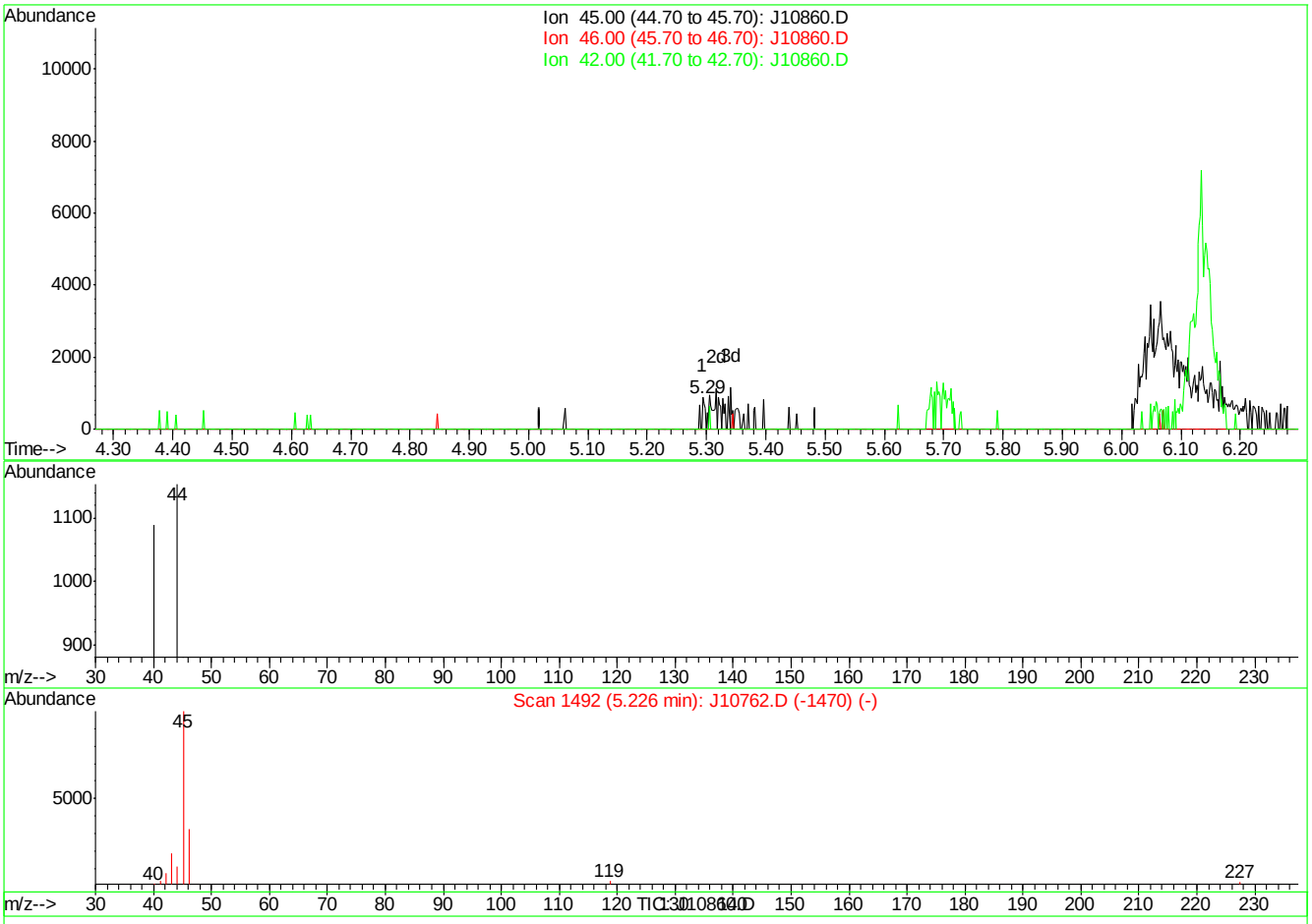
J10860.D J070507T.M Thu Jul 05 11:26:48 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10860.D Vial: 1
Acq On : 5 Jul 2007 10:47 am Operator: danat
Sample : ic562-0.5 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 11:24:40 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration



(16) ETHANOL (m)

5.29min 0.05PPBV

response 306

Ion	Exp%	Act%
45.00	100	100
46.00	34.30	0.00#
42.00	3.50	0.00
0.00	0.00	0.00

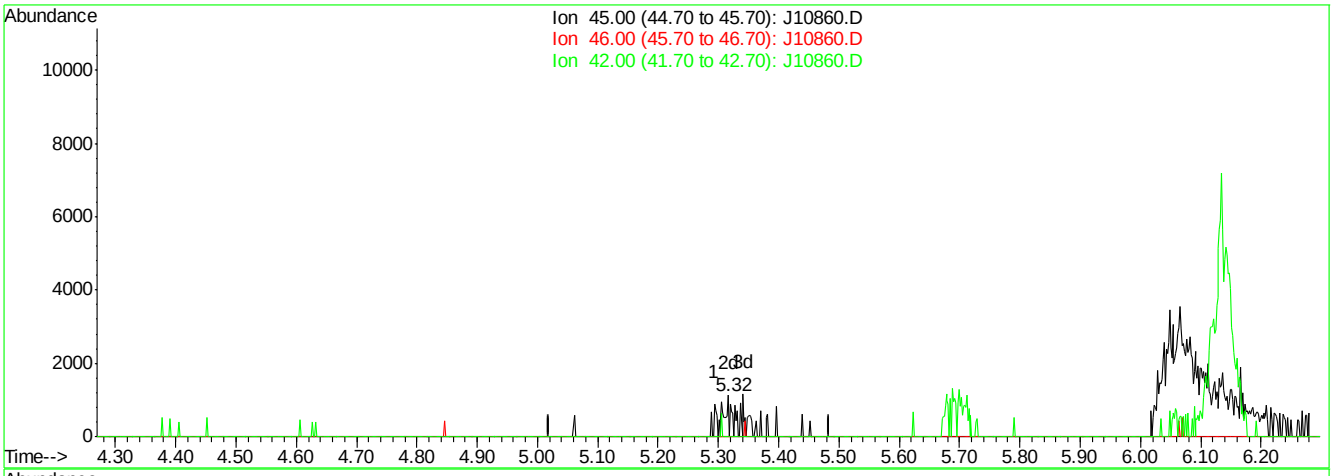
J10860.D J070507T.M Thu Jul 05 11:26:56 2007

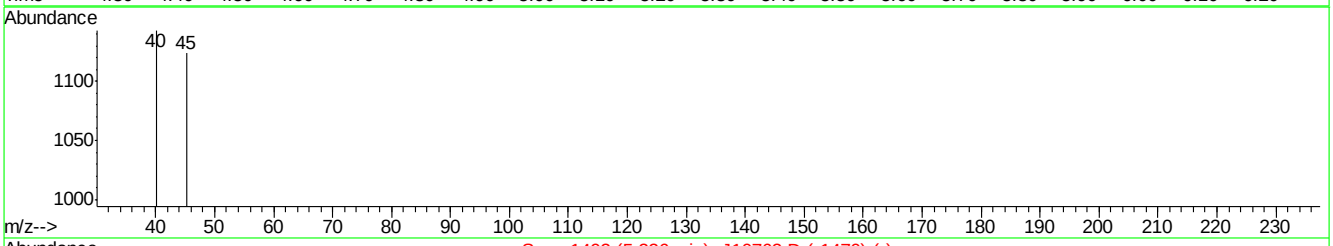
Quantitation Report (Qedit)

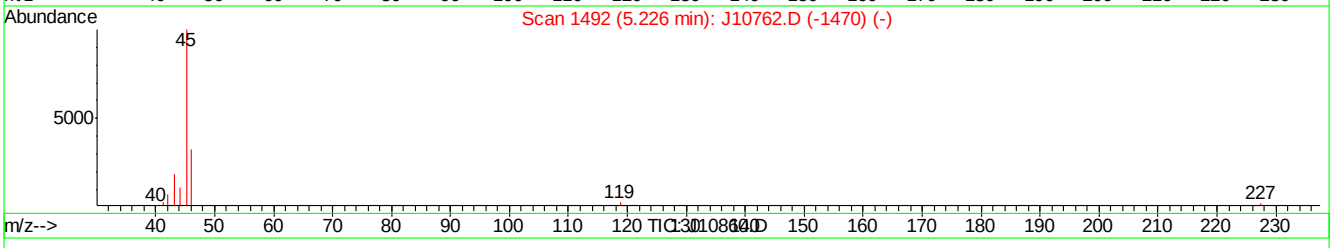
Data File : C:\MSDChem\1\data\J10860.D Vial: 1
Acq On : 5 Jul 2007 10:47 am Operator: danat
Sample : ic562-0.5 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 11:24:40 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.32min 0.14PPBV m

response 847

Ion	Exp%	Act%
45.00	100	100
46.00	34.30	0.00#
42.00	3.50	0.00
0.00	0.00	0.00

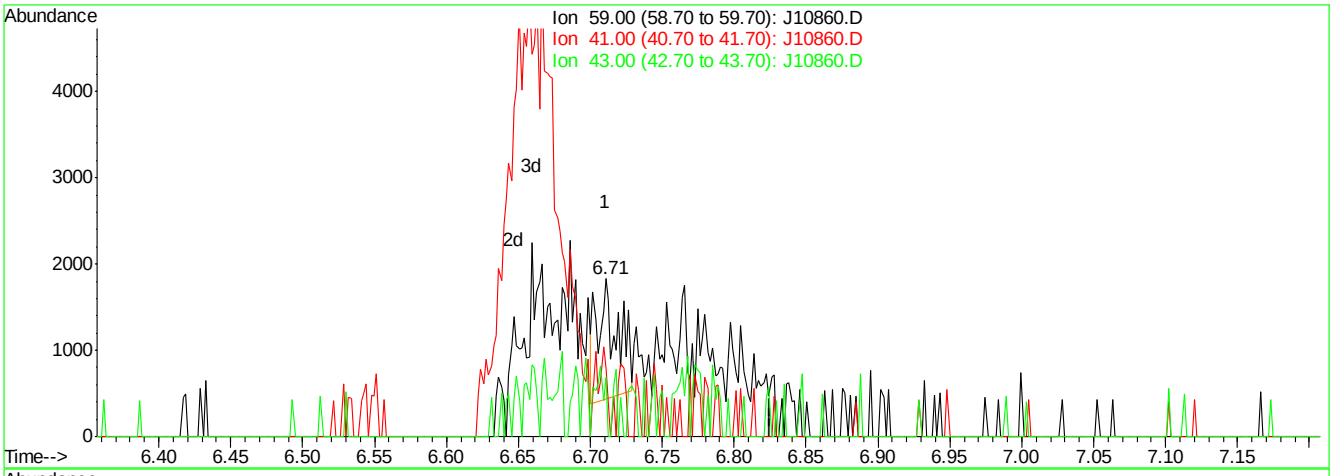
J10860.D J070507T.M Thu Jul 05 11:27:18 2007

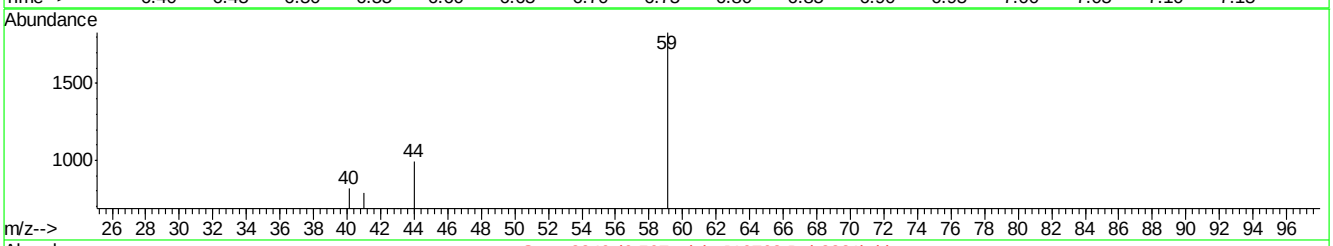
Quantitation Report (Qedit)

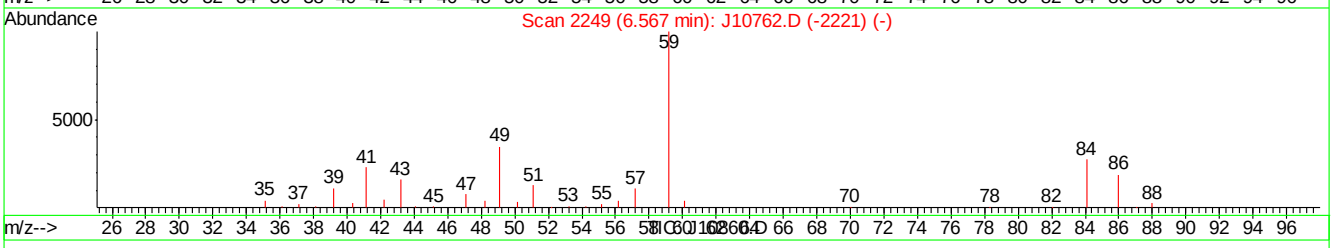
Data File : C:\MSDChem\1\data\J10860.D Vial: 1
Acq On : 5 Jul 2007 10:47 am Operator: danat
Sample : ic562-0.5 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 11:24:40 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(22) TERTIARY BUTYL ALCOHOL (m)

6.71min 0.03PPBV

response 1343

Ion	Exp%	Act%
59.00	100	100
41.00	22.00	37.97
43.00	17.20	28.82
0.00	0.00	0.00

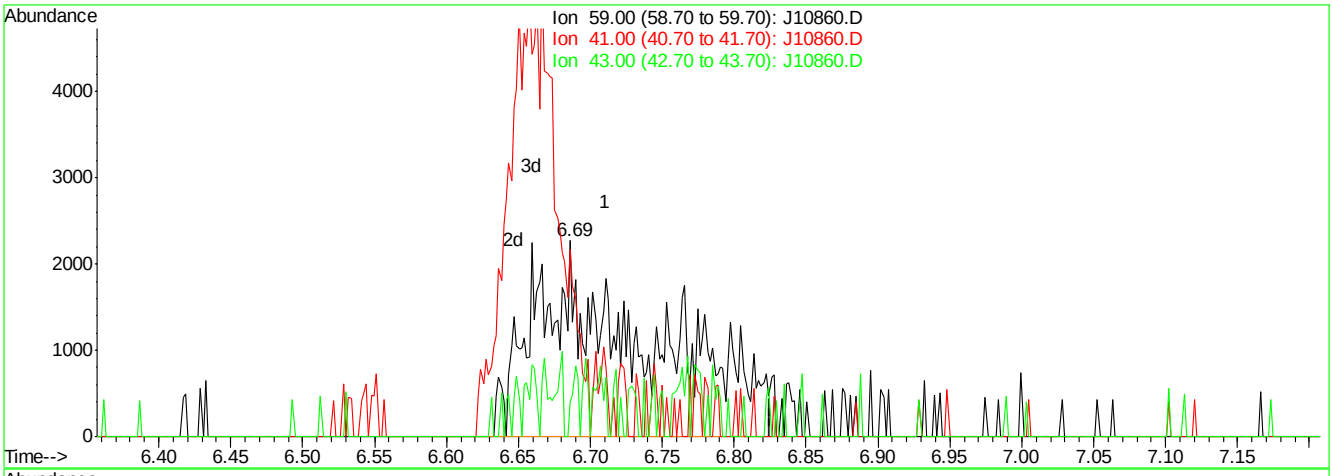
J10860.D J070507T.M Thu Jul 05 11:27:29 2007

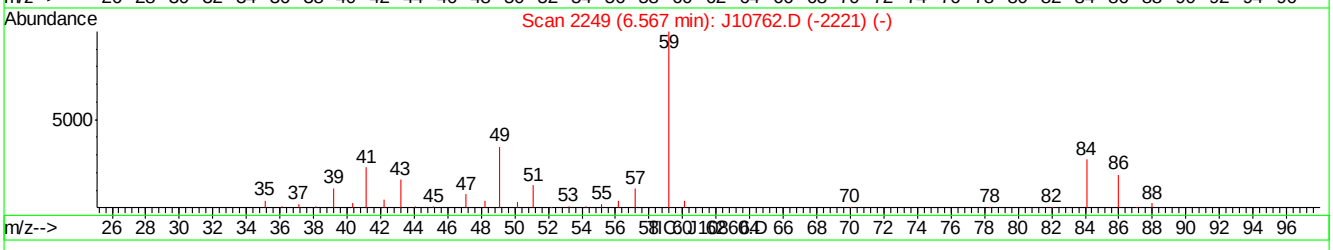
Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10860.D Vial: 1
Acq On : 5 Jul 2007 10:47 am Operator: danat
Sample : ic562-0.5 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 11:24:40 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration





(22) TERTIARY BUTYL ALCOHOL (m)

6.69min 0.32PPBV m

response 12447

Ion	Exp%	Act%
59.00	100	100
41.00	22.00	4.10
43.00	17.20	3.11
0.00	0.00	0.00

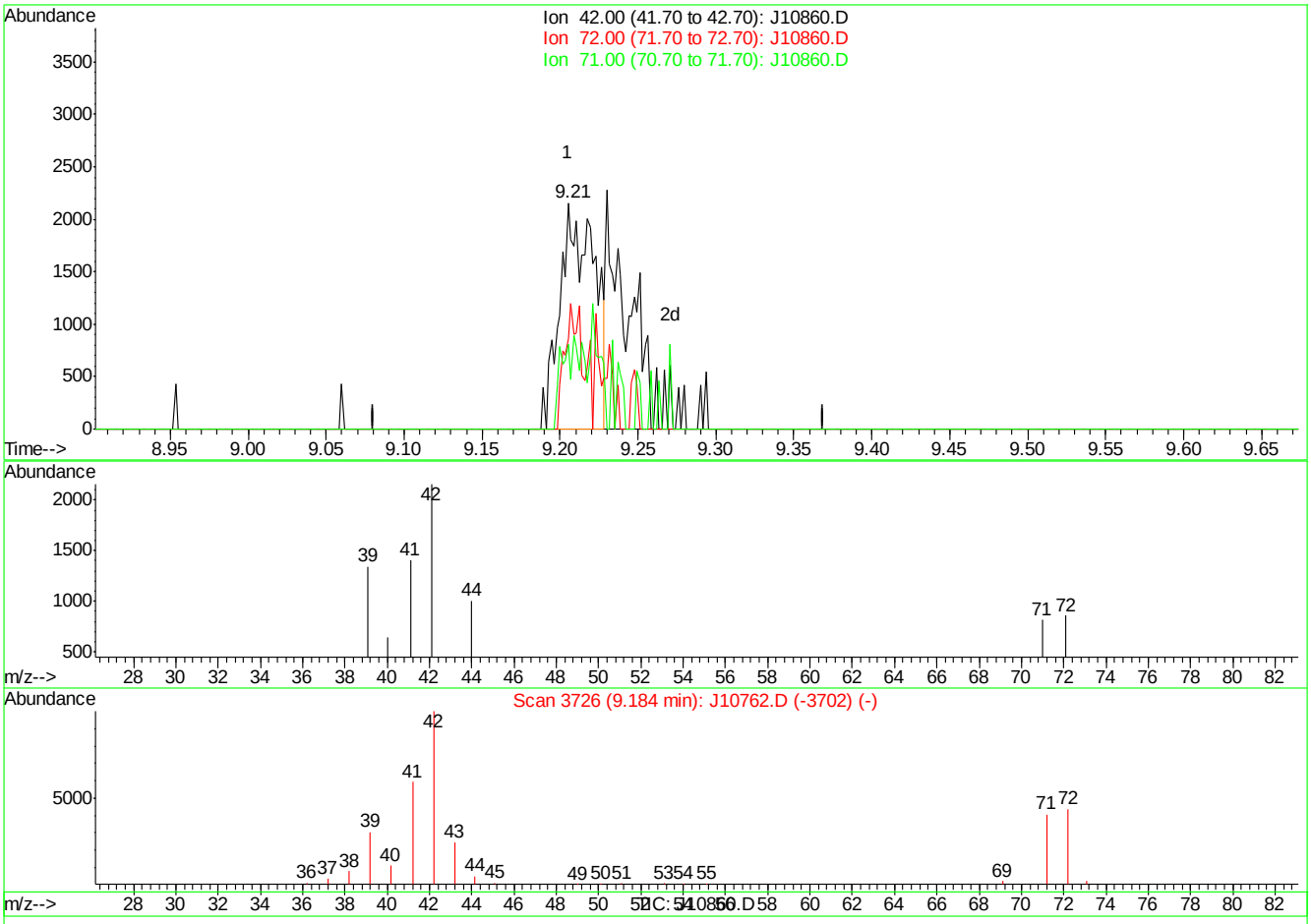
J10860.D J070507T.M Thu Jul 05 11:27:45 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10860.D Vial: 1
Acq On : 5 Jul 2007 10:47 am Operator: danat
Sample : ic562-0.5 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 11:24:40 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration



(24) TETRAHYDROFURAN (m)

9.21min 0.19PPBV

response 3316

Ion	Exp%	Act%
42.00	100	100
72.00	46.60	29.98
71.00	46.70	12.03#
0.00	0.00	0.00

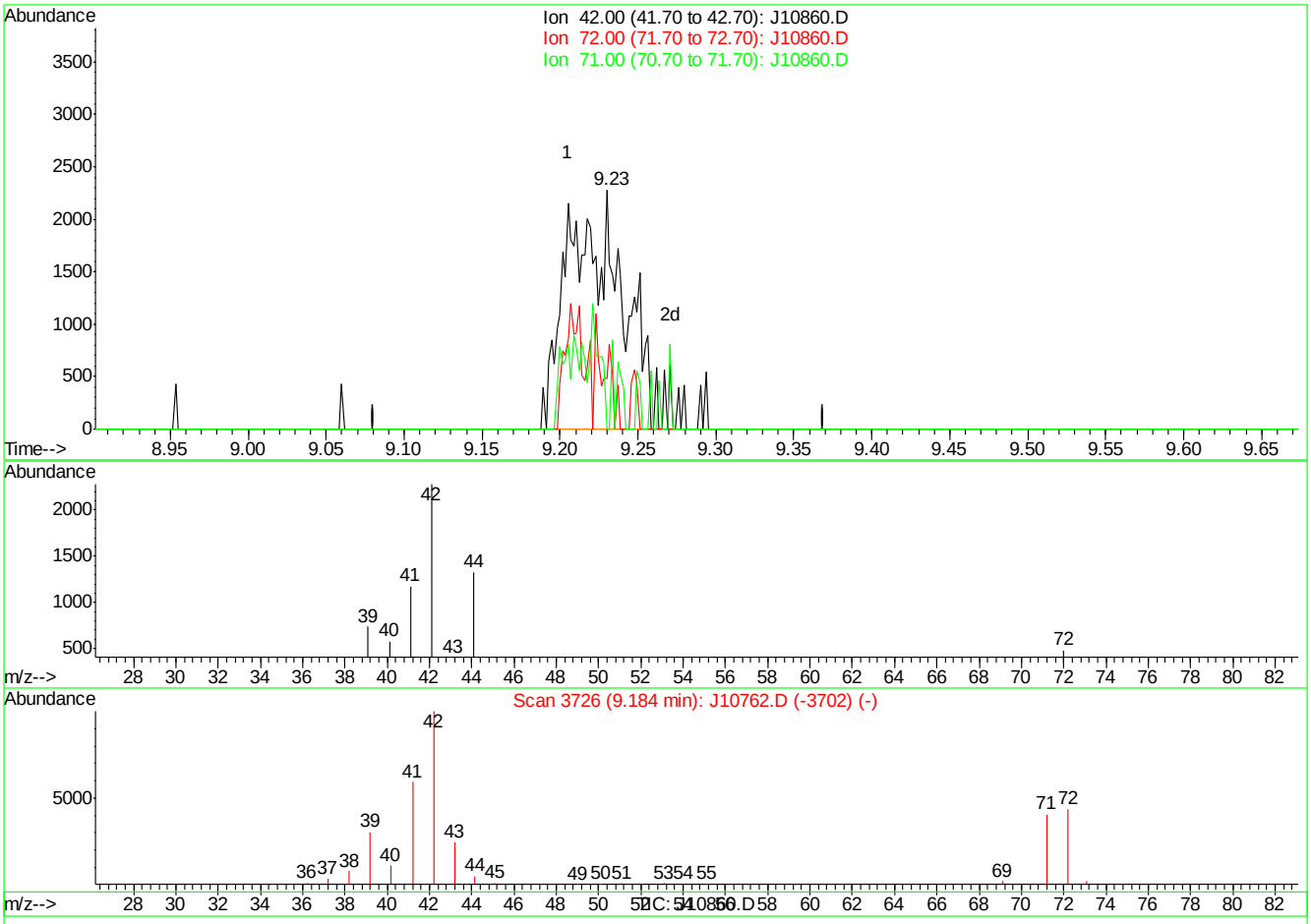
J10860.D J070507T.M Thu Jul 05 11:27:51 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10860.D Vial: 1
Acq On : 5 Jul 2007 10:47 am Operator: danat
Sample : ic562-0.5 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 11:24:40 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration



(24) TETRAHYDROFURAN (m)

9.23min 0.30PPBV m

response 5371

Ion	Exp%	Act%
42.00	100	100
72.00	46.60	18.51#
71.00	46.70	7.43#
0.00	0.00	0.00

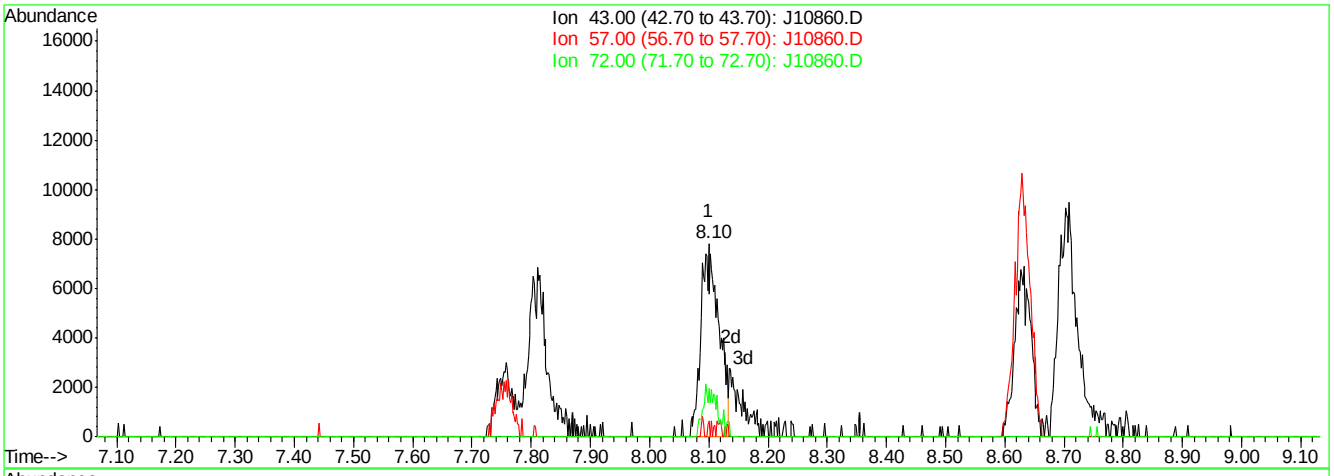
J10860.D J070507T.M Thu Jul 05 11:28:01 2007

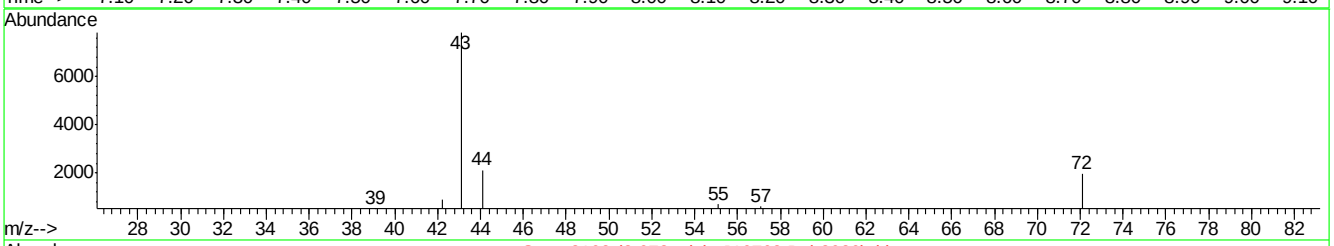
Quantitation Report (Qedit)

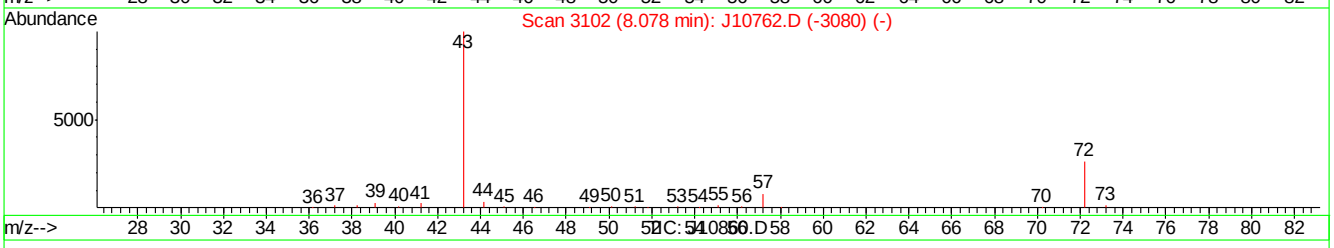
Data File : C:\MSDChem\1\data\J10860.D Vial: 1
Acq On : 5 Jul 2007 10:47 am Operator: danat
Sample : ic562-0.5 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 11:24:40 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(28) METHYL ETHYL KETONE (m)

8.10min 0.44PPBV

response 16344

Ion	Exp%	Act%
43.00	100	100
57.00	8.00	7.71
72.00	26.40	24.93
0.00	0.00	0.00

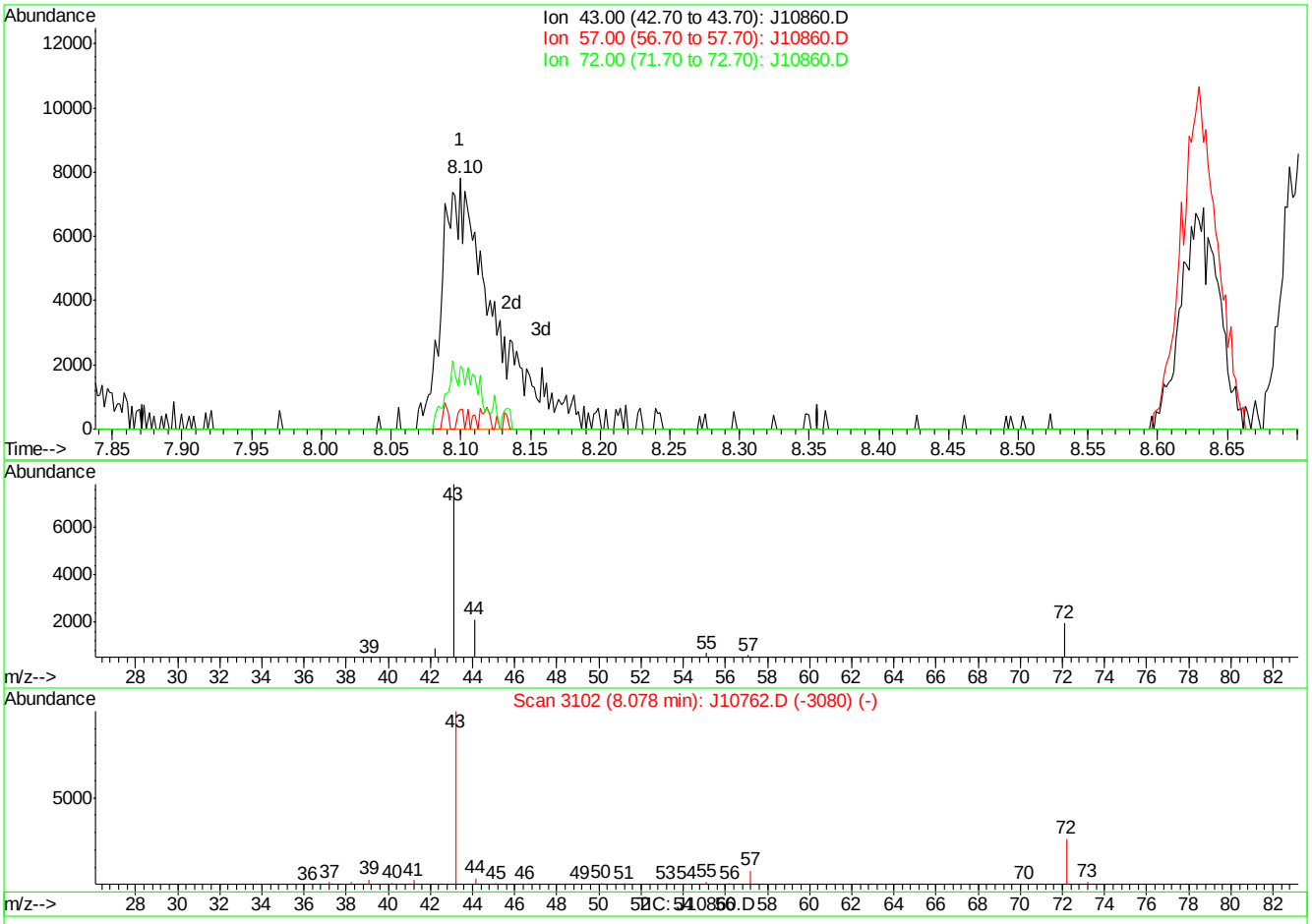
J10860.D J070507T.M Thu Jul 05 11:28:12 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10860.D Vial: 1
Acq On : 5 Jul 2007 10:47 am Operator: danat
Sample : ic562-0.5 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 11:24:40 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration



(28) METHYL ETHYL KETONE (m)

8.10min 0.54PPBV m

response 20284

Ion	Exp%	Act%
43.00	100	100
57.00	8.00	7.71
72.00	26.40	24.93
0.00	0.00	0.00

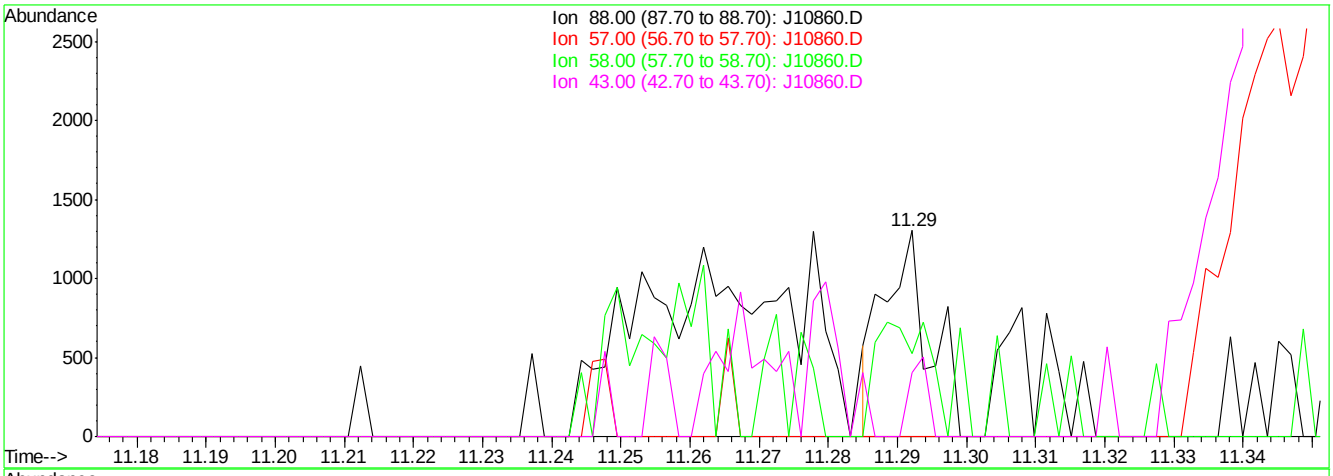
J10860.D J070507T.M Thu Jul 05 11:28:19 2007

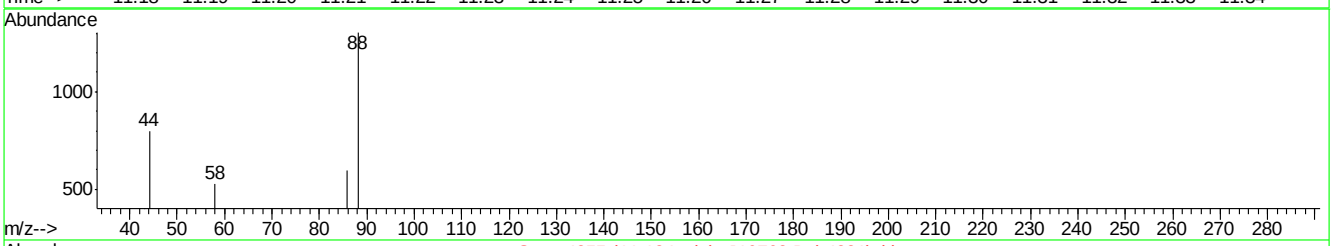
Quantitation Report (Qedit)

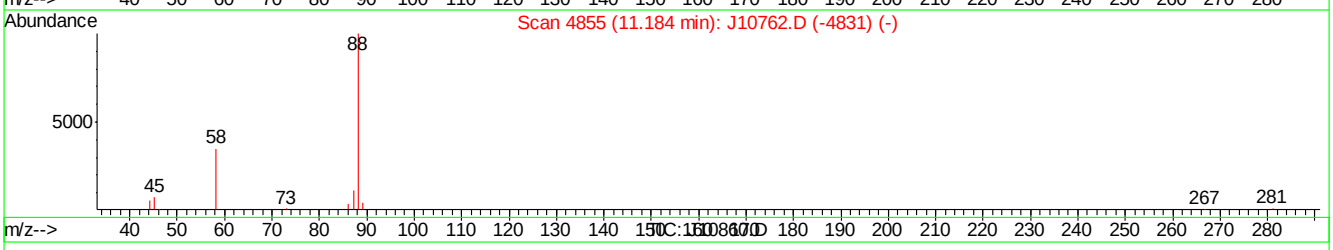
Data File : C:\MSDChem\1\data\J10860.D Vial: 1
Acq On : 5 Jul 2007 10:47 am Operator: danat
Sample : ic562-0.5 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 11:24:40 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(42) 1,4-DIOXANE (m)

11.29min 0.05PPBV

response 606

Ion	Exp%	Act%
88.00	100	100
57.00	19.90	0.00
58.00	51.60	40.34
43.00	30.20	30.75

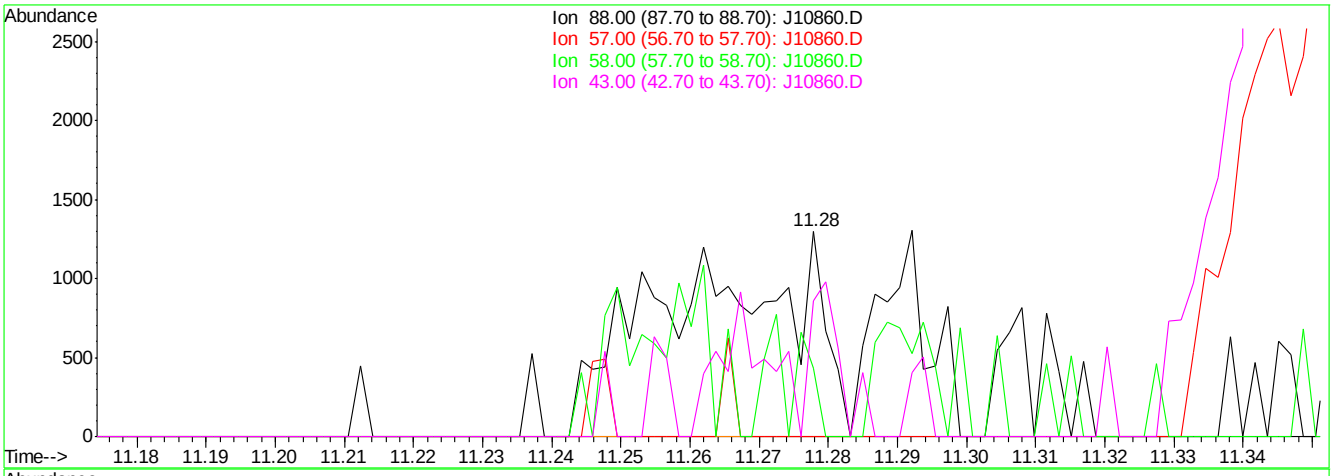
J10860.D J070507T.M Thu Jul 05 11:28:38 2007

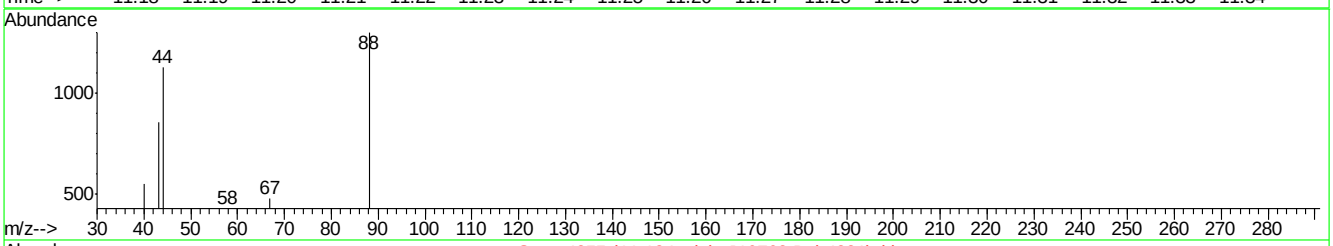
Quantitation Report (Qedit)

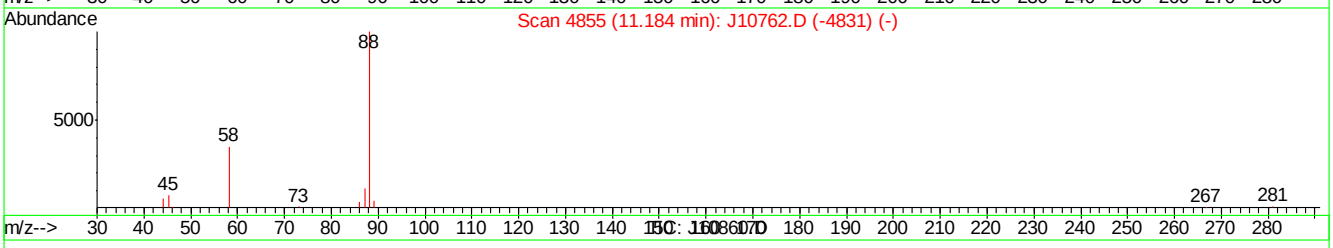
Data File : C:\MSDChem\1\data\J10860.D Vial: 1
Acq On : 5 Jul 2007 10:47 am Operator: danat
Sample : ic562-0.5 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 11:24:40 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(42) 1,4-DIOXANE (m)

11.28min 0.16PPBV m

response 1834

Ion	Exp%	Act%
88.00	100	100
57.00	19.90	0.00
58.00	51.60	33.05
43.00	30.20	65.80#

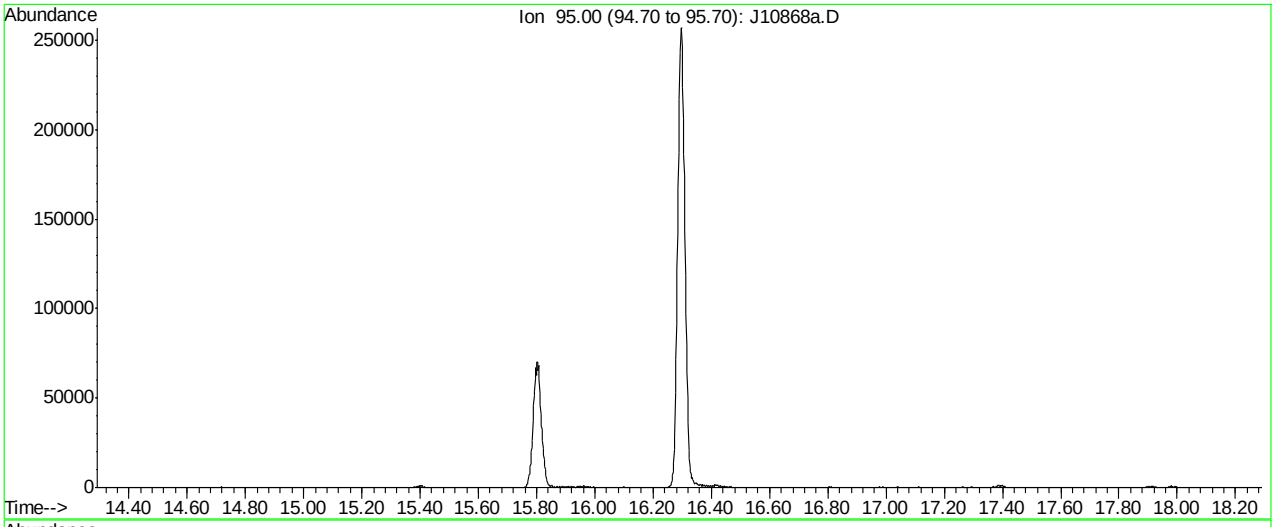
J10860.D J070507T.M Thu Jul 05 11:28:45 2007

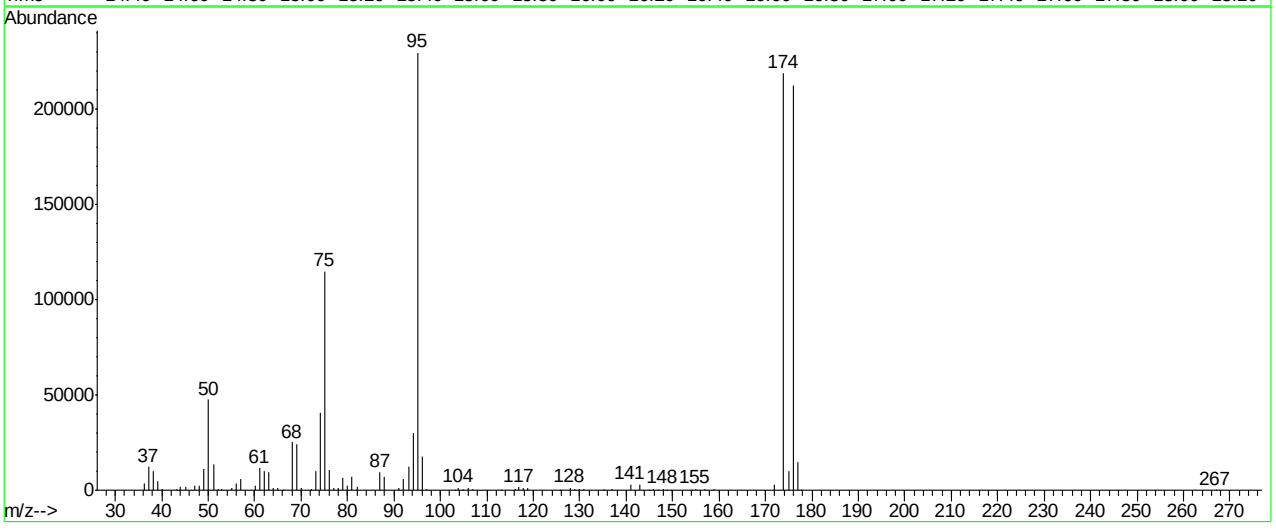
BFB

Data File : C:\MSDCHEM\1\DATA\J10868a.D
Acq On : 5 Jul 2007 5:56 pm
Sample : cc562-10 (M080)
Misc : MS13866, MSJ562,,,,,1
MS Integration Params: LSCINT.P

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

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.290 to 16.292 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	20.7	47380	PASS
75	95	30	66	50.0	114612	PASS
95	95	100	100	100.0	229440	PASS
96	95	5	9	7.7	17680	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	95.3	218688	PASS
175	174	4	9	4.6	10052	PASS
176	174	93	101	97.0	212064	PASS
177	176	5	9	6.9	14698	PASS

J10868a.D J070507T.M Fri Jul 06 11:26:31 2007

Average of 16.290 to 16.292 min.: J10868a.D
cc562-10 (M080)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.15	3412	50.10	47380	64.10	1260	77.00	1335
37.10	12154	51.10	13643	65.05	1321	78.10	1201
38.10	9970	52.10	799	66.10	239	79.00	6707
39.10	4941	53.00	331	68.10	25036	80.00	2589
40.00	472	55.10	1054	69.10	24384	80.95	7251
43.20	337	56.10	3487	70.05	1293	82.00	1822
44.00	1650	57.05	5956	72.10	687	87.00	9525
45.15	1794	60.10	2355	73.10	10139	88.00	6804
47.10	2337	61.10	11658	74.10	40736	91.00	1284
48.10	2127	62.10	10203	75.10	114612	92.05	6187
49.10	10942	63.10	9563	76.10	10554	93.10	12261

Average of 16.290 to 16.292 min.: J10868a.D
cc562-10 (M080)

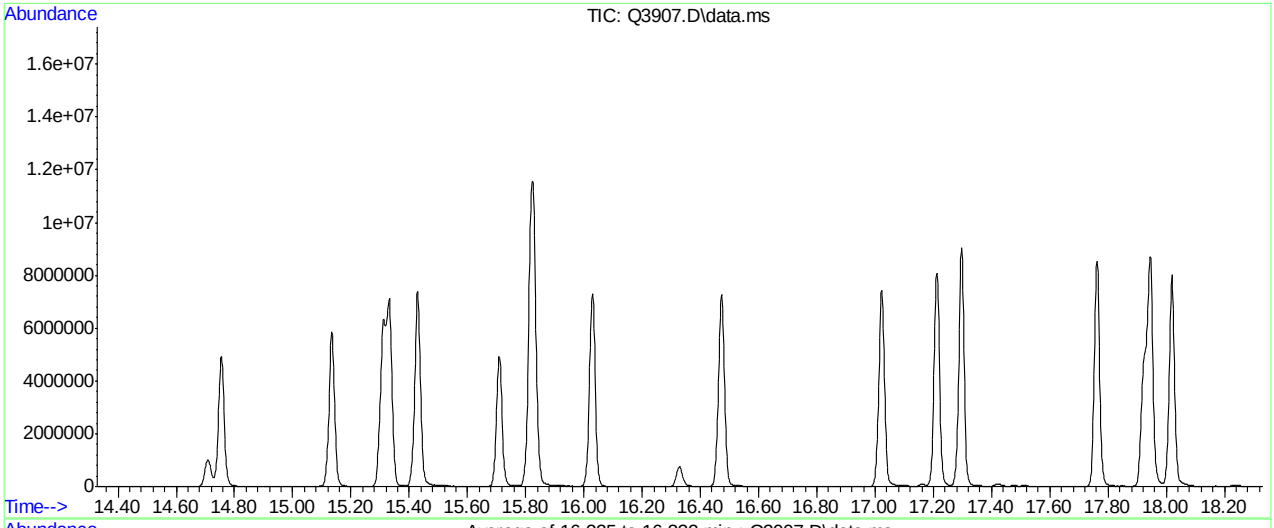
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
94.15	30008	116.05	885	136.85	497	156.95	541
95.10	229440	116.95	1589	140.90	3098	158.85	689
96.10	17680	117.90	1222	142.90	2899	171.90	2894
97.10	647	118.90	1290	144.90	309	173.90	218688
103.00	232	125.90	212	145.80	383	175.00	10052
103.90	1206	127.90	1322	146.90	286	175.90	212064
104.70	279	128.90	337	147.90	730	176.90	14698
104.90	298	129.85	840	148.80	255	177.70	204
105.95	1122	130.80	323	149.80	228	266.90	223
107.00	339	134.90	216	154.10	200		
113.10	223	135.20	305	154.90	748		

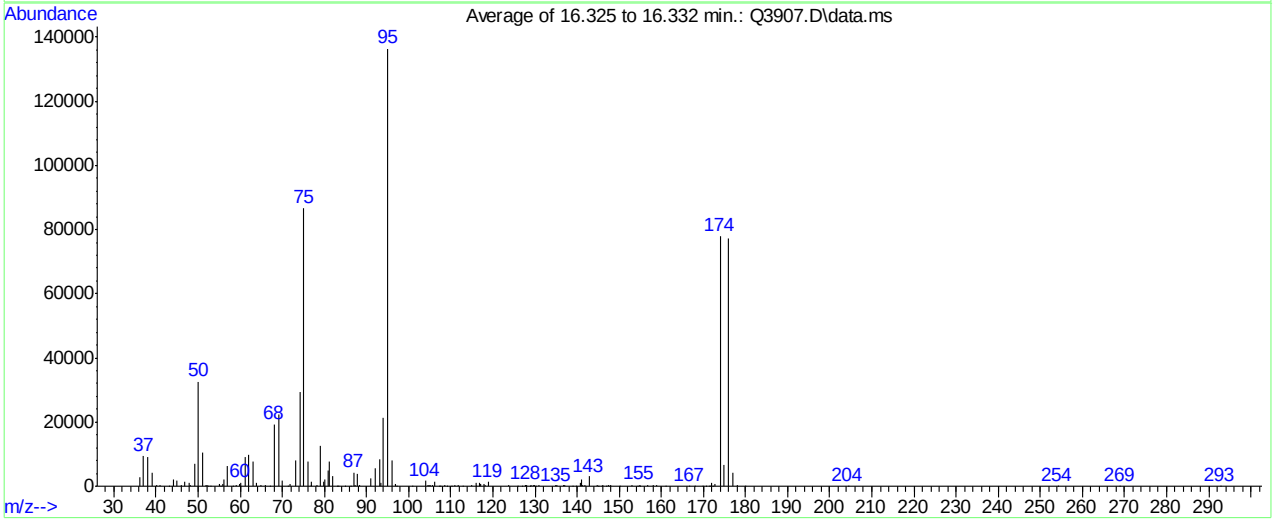
BFB

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)

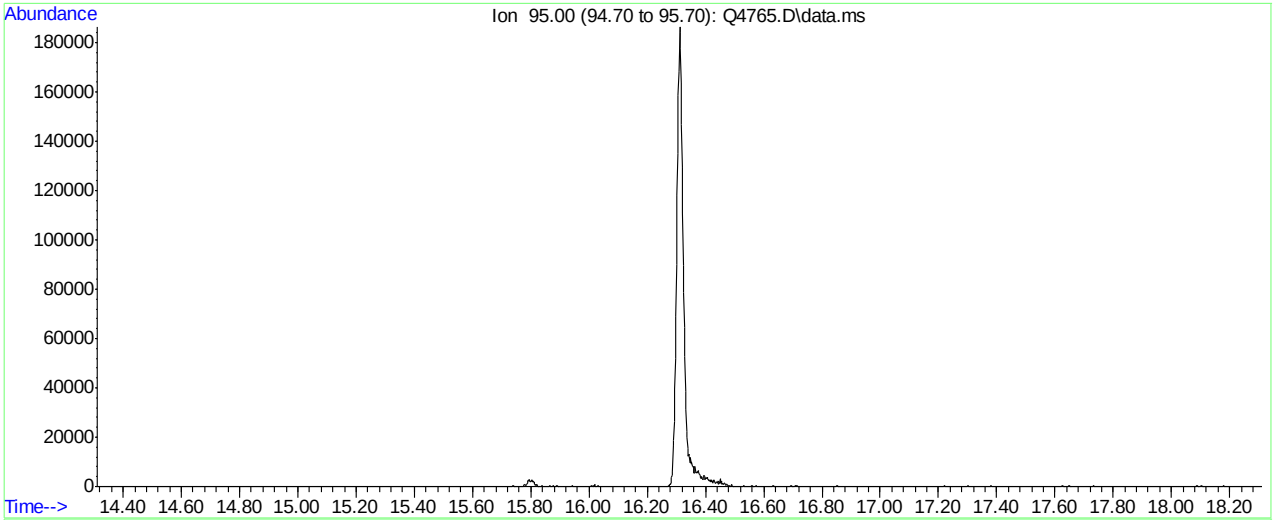
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
158.15	236	172.85	875				
158.95	254	173.95	77972				
161.00	102	174.95	6488				
166.70	102	175.95	77233				
168.00	142	177.00	4165				
169.80	184	177.95	469				
170.60	90	179.90	137				
171.30	105	204.30	122				
171.60	99	254.10	116				
171.95	972	268.90	94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

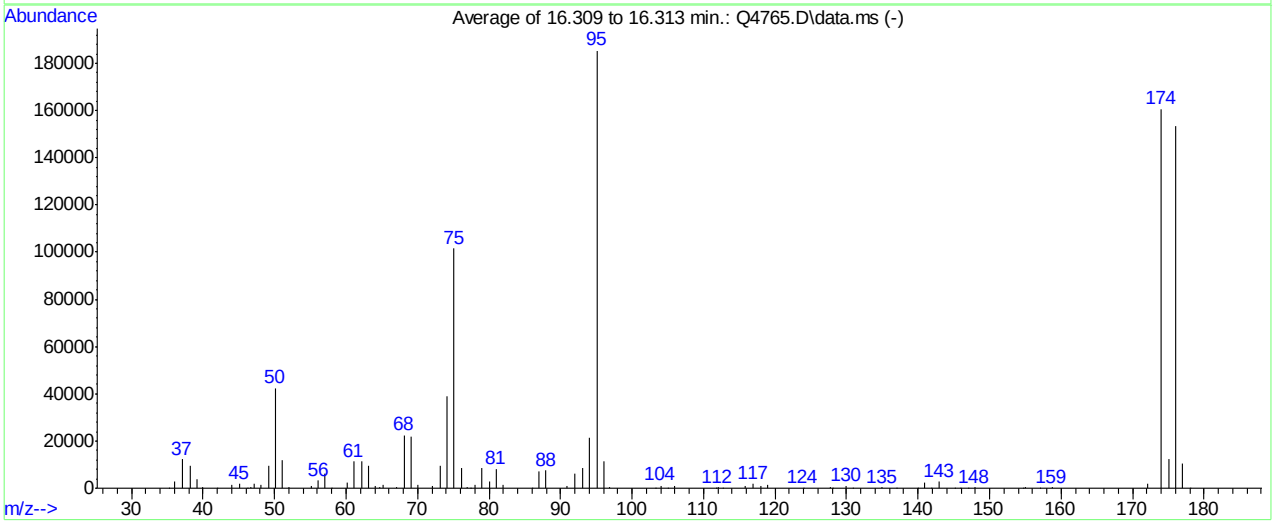
BFB

Data File : C:\msdchem\1\DATA\Q4765.D
Acq On : 2 Oct 2007 8:59 am
Sample : ic246-0.5 (M051)
Misc : MS14329,MSQ246,,,,,1
MS Integration Params: LSCINT.P

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

Method : C:\msdchem\1\METHODS\Q100207T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





AutoFind: Scans 7733, 7734, 7735; Background Corrected with Scan 7708

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	22.9	42392	PASS
75	95	30	66	54.7	101469	PASS
95	95	100	100	100.0	185472	PASS
96	95	5	9	6.2	11563	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	86.7	160725	PASS
175	174	4	9	7.6	12257	PASS
176	174	93	101	95.6	153642	PASS
177	176	5	9	6.7	10287	PASS

Q4765.D Q100207T.m Wed Oct 03 09:33:16 2007 RPT1

Average of 16.309 to 16.313 min.: Q4765.D\data.ms
ic246-0.5 (M051)
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.20	139	47.10	1993	61.05	11276	73.10	9536
36.05	2871	48.10	1650	62.15	11271	74.10	38768
37.10	12202	49.15	9712	63.10	9696	75.10	101469
38.15	9623	50.10	42392	64.10	871	76.15	8778
39.10	3836	51.10	12073	64.70	288	77.00	646
39.95	671	52.00	359	65.15	1482	77.40	234
41.90	147	55.15	805	67.00	389	78.00	1351
44.00	1382	56.10	3171	68.10	22482	79.00	8695
45.05	1713	57.10	5984	69.10	21928	80.05	2817
46.20	166	58.00	167	70.05	1550	81.00	8289
46.70	360	60.15	2315	72.05	902	81.95	1608

Average of 16.309 to 16.313 min.: Q4765.D\data.ms
ic246-0.5 (M051)
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
86.00	205	104.05	966	127.75	667	145.90	160
87.00	7319	105.00	175	128.10	156	147.00	154
87.95	7544	105.90	887	129.95	792	147.95	478
90.90	1130	111.80	199	130.80	150	154.70	156
92.05	6307	112.05	384	134.95	407	154.95	374
93.10	8764	112.70	149	137.00	200	157.00	146
94.10	21349	115.85	792	140.00	156	158.75	470
95.10	185472	116.95	1786	140.95	2188	172.05	1953
96.10	11563	117.95	879	141.90	162	174.00	160725
96.90	350	119.00	1244	142.95	2681	175.05	12257
103.20	149	123.90	178	145.10	204	176.00	153642

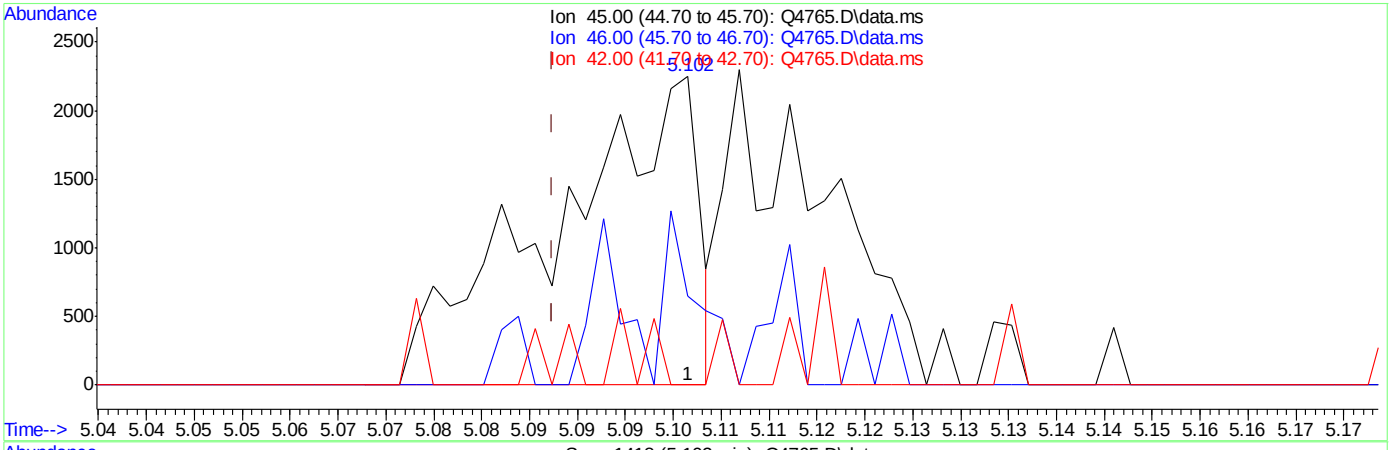
Average of 16.309 to 16.313 min.: Q4765.D\data.ms
ic246-0.5 (M051)
Modified:subtracted

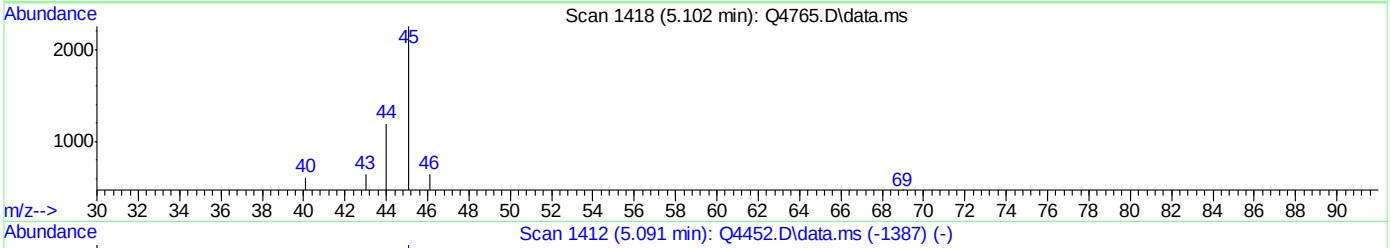
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
177.00	10287						
178.10	152						

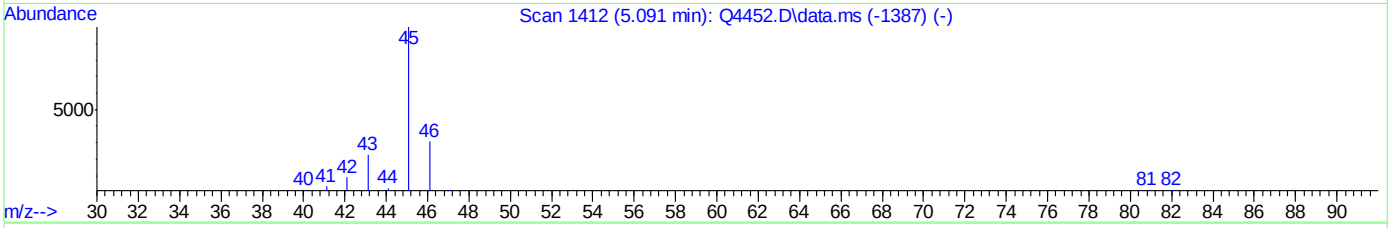
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4765.D
Acq On : 2 Oct 2007 8:59 am
Operator : danat
Sample : ic246-0.5 (M051)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 02 09:25:14 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration







TIC: Q4765.D\data.ms

(16) ETHANOL (m)

5.102min (+0.014) 0.27PPBV

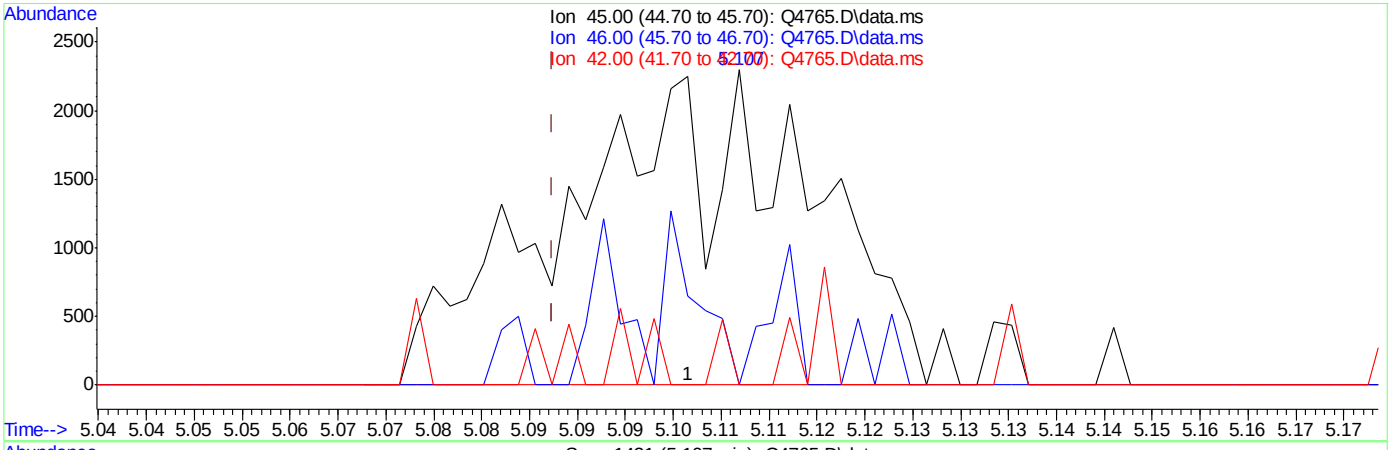
response 2327

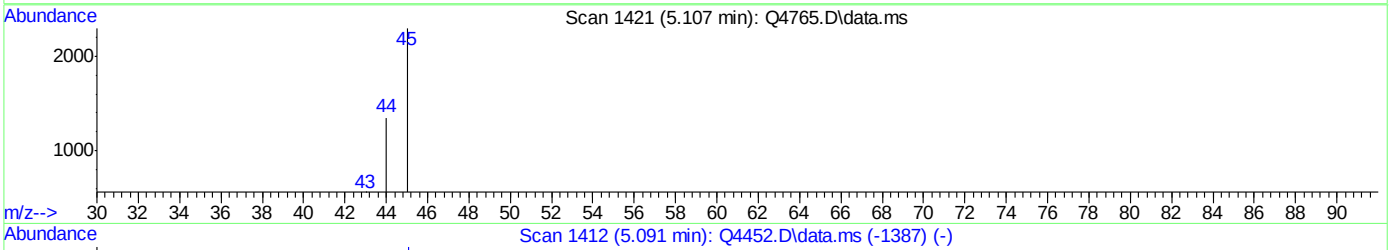
Ion	Exp%	Act%
45.00	100	100
46.00	32.80	38.07
42.00	13.10	6.49
0.00	0.00	0.00

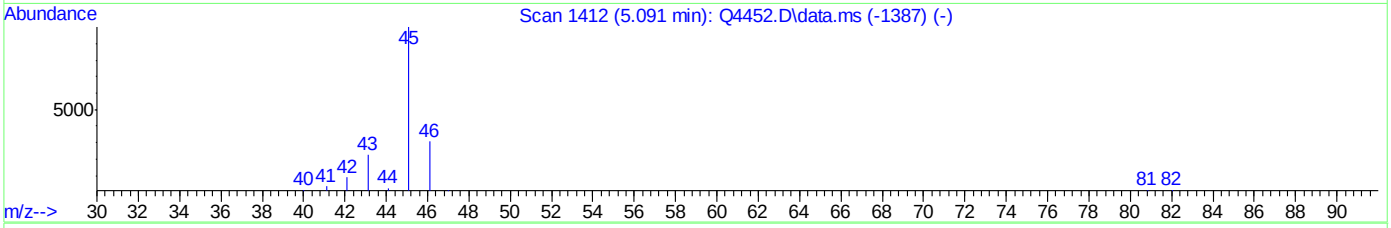
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4765.D
Acq On : 2 Oct 2007 8:59 am
Operator : danat
Sample : ic246-0.5 (M051)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 02 09:25:14 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration







TIC: Q4765.D\data.ms

(16) ETHANOL (m)

5.107min (+0.019) 0.45PPBV m

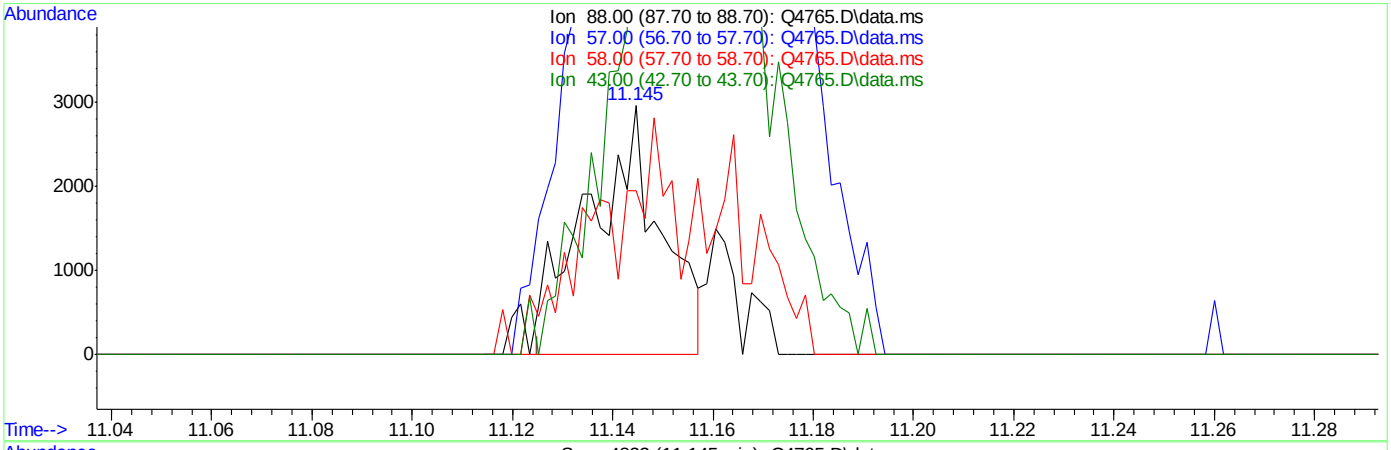
response 3990

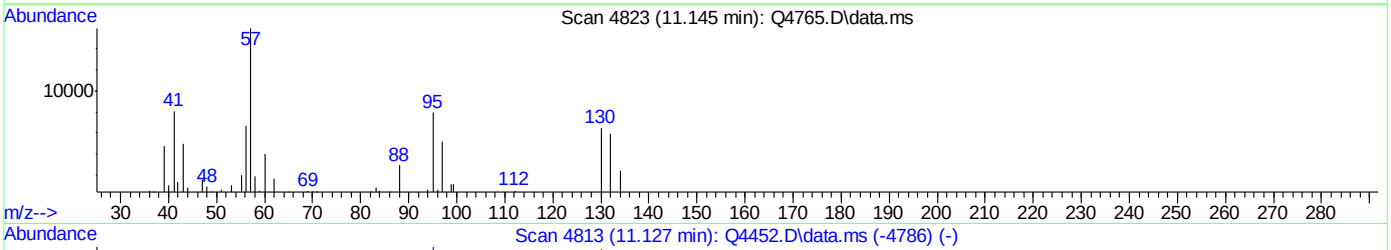
Ion	Exp%	Act%
45.00	100	100
46.00	32.80	22.21
42.00	13.10	3.78
0.00	0.00	0.00

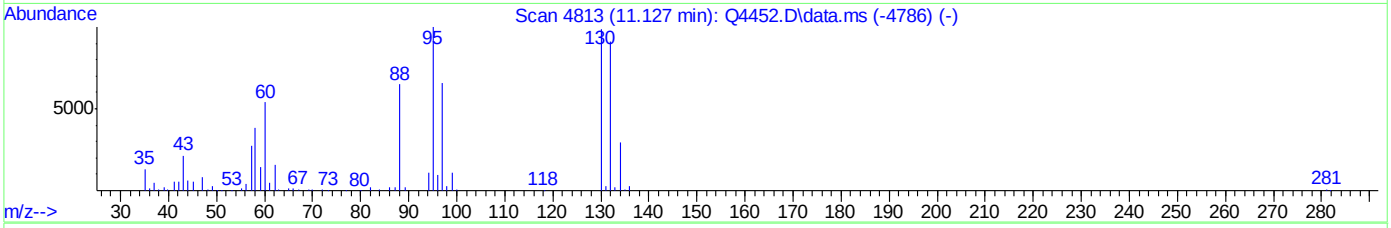
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4765.D
Acq On : 2 Oct 2007 8:59 am
Operator : danat
Sample : ic246-0.5 (M051)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 02 09:25:14 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration







TIC: Q4765.D\data.ms

(42) 1,4-DIOXANE (m)

11.145min (+0.019) 0.29PPBV

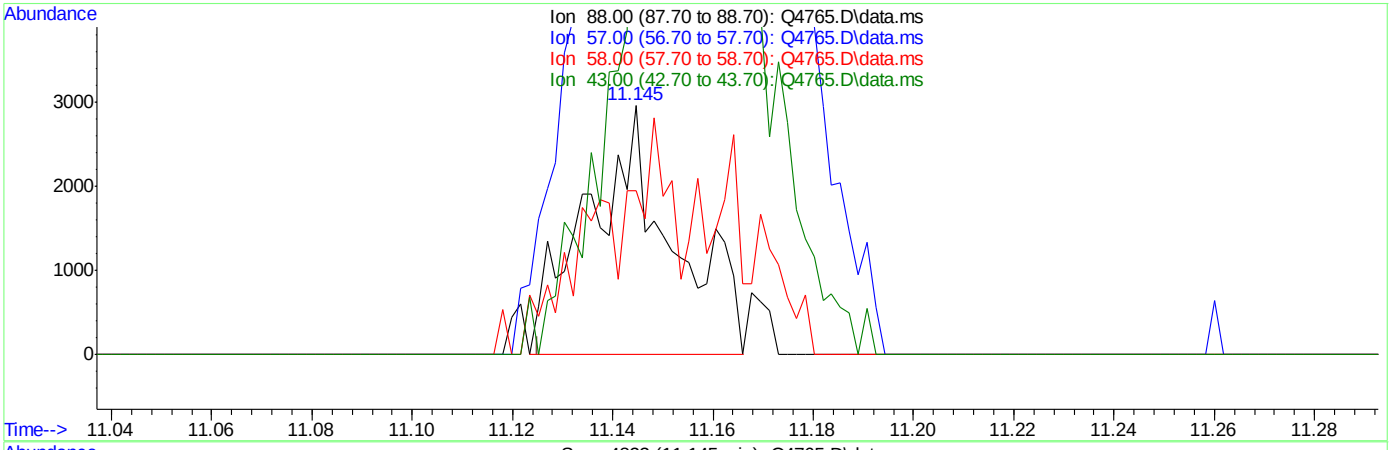
response 3089

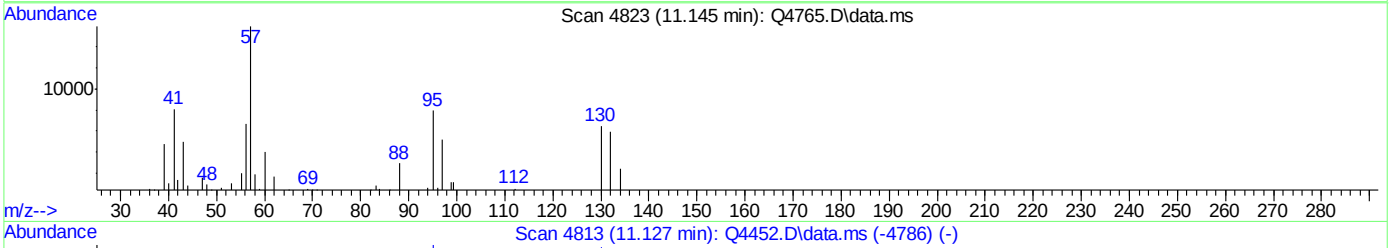
Ion	Exp%	Act%
88.00	100	100
57.00	40.40	538.71#
58.00	66.50	65.62
43.00	55.90	168.15#

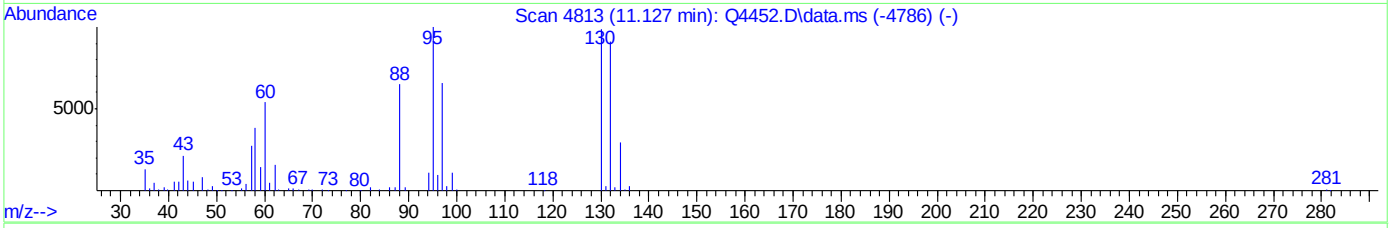
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4765.D
Acq On : 2 Oct 2007 8:59 am
Operator : danat
Sample : ic246-0.5 (M051)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 02 09:25:14 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration







TIC: Q4765.D\data.ms

(42) 1,4-DIOXANE (m)

11.145min (+0.019) 0.32PPBV m

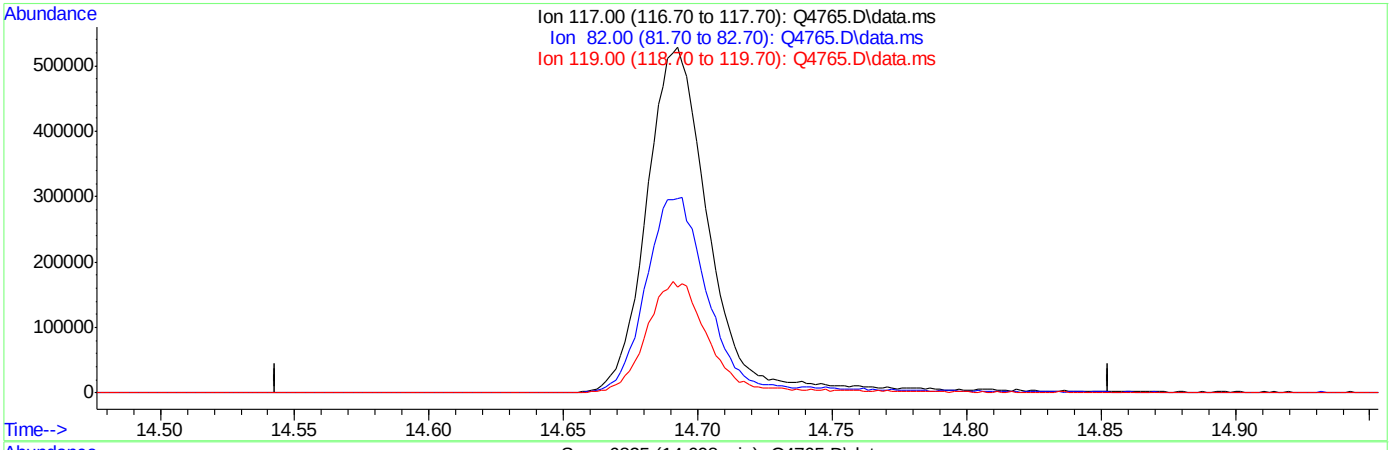
response 3468

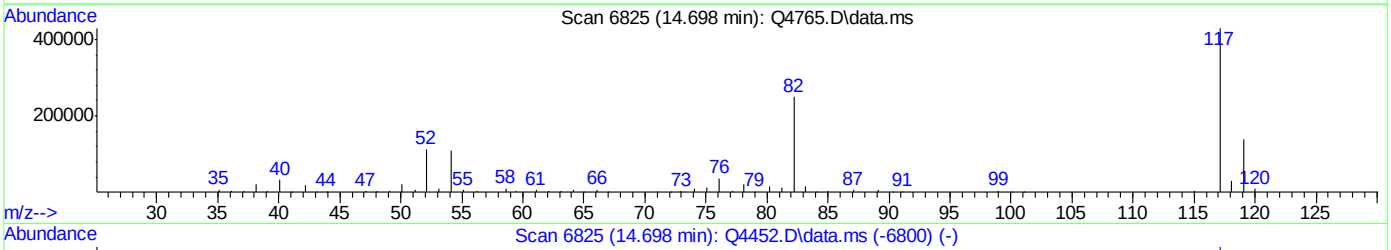
Ion	Exp%	Act%
88.00	100	100
57.00	40.40	538.71#
58.00	66.50	65.62
43.00	55.90	168.15#

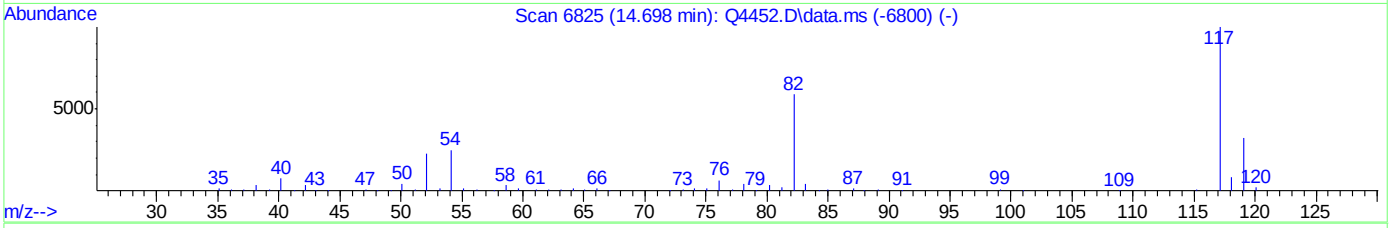
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4765.D
Acq On : 2 Oct 2007 8:59 am
Operator : danat
Sample : ic246-0.5 (M051)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 02 09:25:14 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration







TIC: Q4765.D\data.ms

(49) CHLOROBENZENE-D5 (I)

14.698min (-14.698) 0.00PPBV

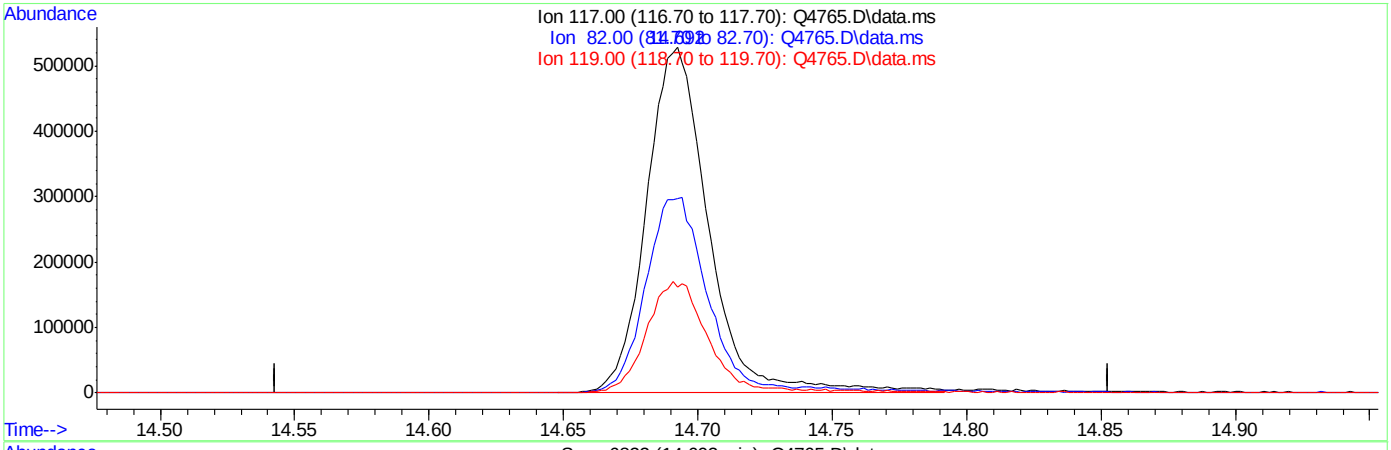
response 0

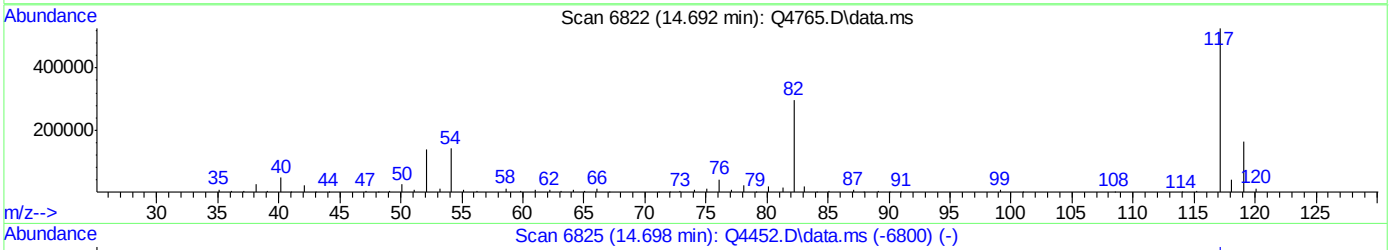
Ion	Exp%	Act%
117.00	100	0.00
82.00	68.40	0.00#
119.00	32.10	0.00#
0.00	0.00	0.00

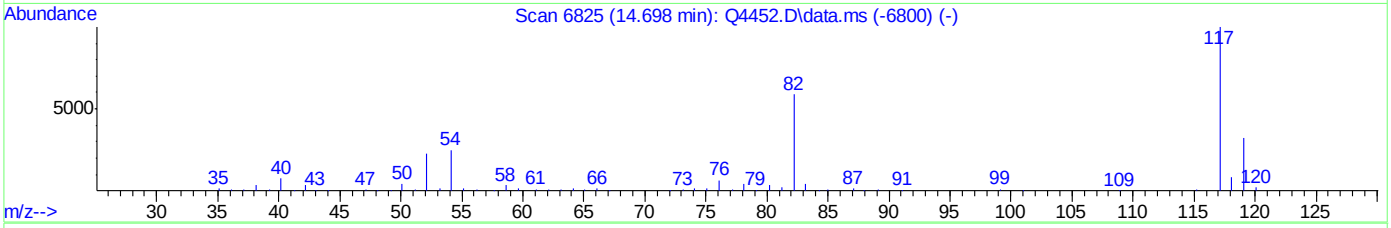
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4765.D
Acq On : 2 Oct 2007 8:59 am
Operator : danat
Sample : ic246-0.5 (M051)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 02 09:25:14 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration







TIC: Q4765.D\data.ms

(49) CHLOROBENZENE-D5 (I)

14.692min (-0.005) 10.00PPBV m

response 853864

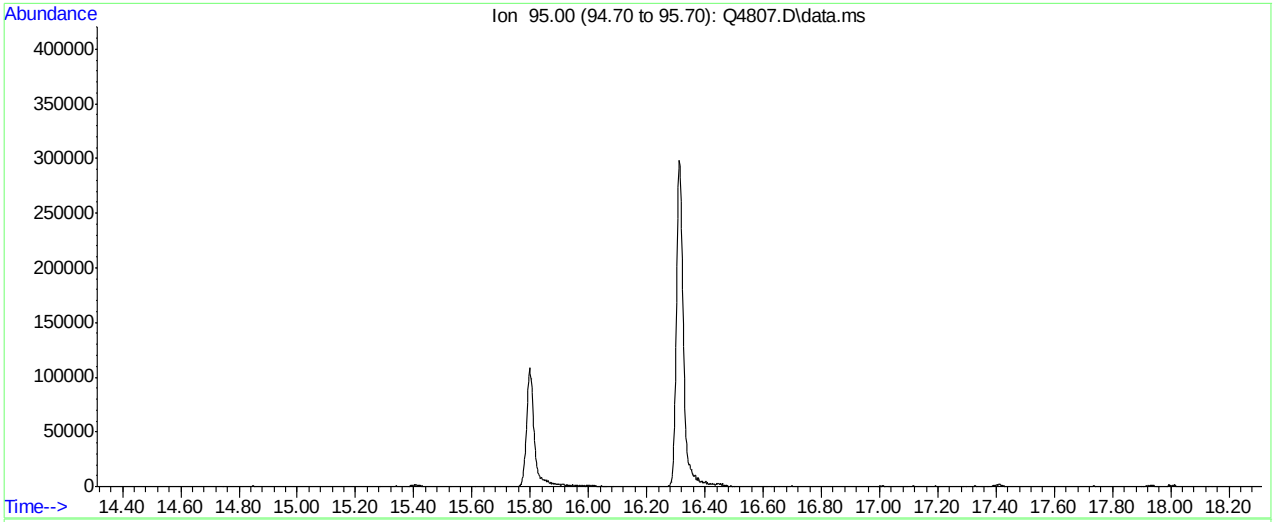
Ion	Exp%	Act%
117.00	100	100
82.00	68.40	0.00#
119.00	32.10	0.00#
0.00	0.00	0.00

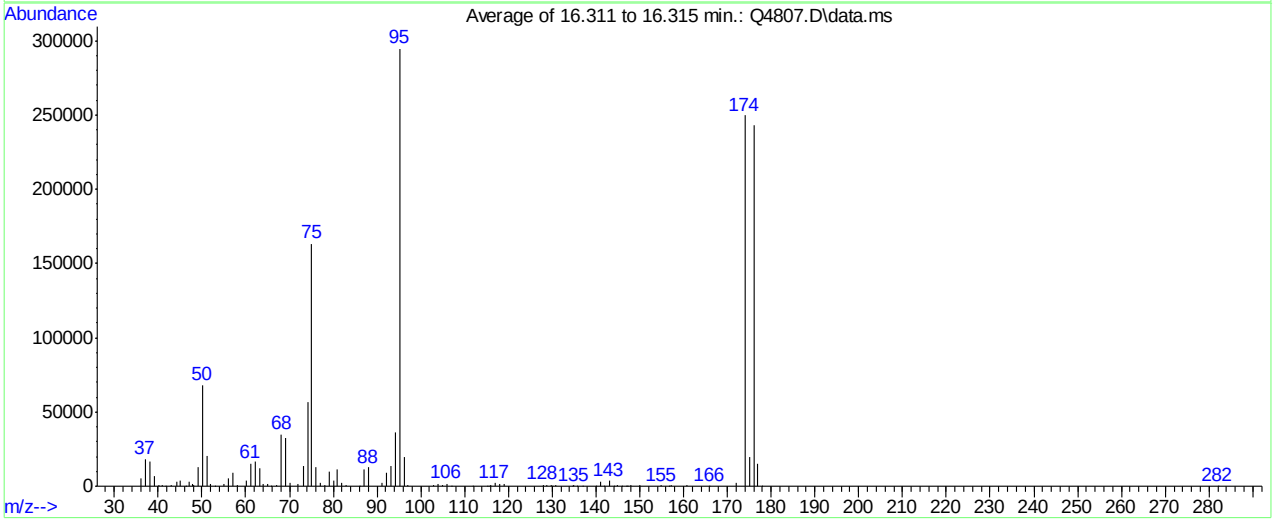
BFB

Data File : C:\msdchem\1\DATA\Q4807.D
Acq On : 4 Oct 2007 9:10 am
Sample : cc246-10 (M112)
Misc : MS14329,MSQ248,,,,,1
MS Integration Params: LSCINT.P

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

Method : C:\msdchem\1\METHODS\Q100207T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.311 to 16.315 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	23.1	67994	PASS
75	95	30	66	55.3	163072	PASS
95	95	100	100	100.0	294720	PASS
96	95	5	9	6.6	19485	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	84.7	249749	PASS
175	174	4	9	8.0	19997	PASS
176	174	93	101	97.3	242986	PASS
177	176	5	9	6.1	14916	PASS

Q4807.D Q100207T.m Thu Oct 04 14:17:25 2007 RPT1

Average of 16.311 to 16.315 min.: Q4807.D\data.ms
cc246-10 (M112)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.15	5034	47.05	3422	58.05	417	70.15	1997
37.10	18330	47.95	1671	60.05	3700	72.00	1879
38.15	16371	48.20	700	61.10	15485	73.15	13851
39.10	7157	49.10	13223	62.10	16549	74.10	56269
40.05	1102	50.10	67994	63.10	11835	75.10	163072
41.00	615	51.10	20730	64.05	1424	76.10	13106
41.80	243	52.05	1345	65.05	1534	77.05	2169
43.10	709	52.95	407	65.90	402	78.10	696
44.15	2909	55.00	1496	67.00	483	79.00	10082
45.05	3833	56.10	5081	68.10	35008	80.05	4039
46.20	199	57.10	9103	69.10	32789	81.00	11115

Average of 16.311 to 16.315 min.: Q4807.D\data.ms
cc246-10 (M112)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
82.00	2587	97.05	712	117.90	1505	140.00	295
83.00	553	102.90	418	118.95	1864	141.00	3189
86.00	181	103.95	1207	127.95	916	141.80	182
87.05	11512	104.95	532	128.85	601	143.00	3686
88.05	12621	105.95	1835	129.90	762	144.00	146
91.05	2479	107.10	164	130.10	252	144.95	894
92.10	8755	111.90	198	130.90	497	145.90	196
93.05	13677	115.20	281	134.70	175	146.90	155
94.15	36261	115.80	320	134.95	426	147.20	203
95.10	294720	116.00	1100	135.70	147	147.95	661
96.15	19485	116.95	2193	136.95	398	149.90	428

Average of 16.311 to 16.315 min.: Q4807.D\data.ms
cc246-10 (M112)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
154.95	633	282.10	136				
156.60	137						
157.05	552						
160.85	417						
166.00	170						
172.05	2167						
174.00	249749						
175.10	19997						
176.00	242986						
177.00	14916						
177.90	144						

Manual Integrations
APPROVED
(compounds with "m" flag)
Doug Yargeau
07/11/07 09:41

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10860.D
Acq On : 5 Jul 2007 10:47 am
Operator : danat
Sample : ic562-0.5 (M210)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 11:29:12 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 11:24:31 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	309281	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1310708	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1115339	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.29	95	310811	4.41	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 88.20%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	58883	0.53	PPBV	97
3) PROPYLENE	4.00	41	7610	0.47	PPBV	95
4) FREON 114	4.33	85	51934	0.54	PPBV	95
5) CHLOROMETHANE	4.23	50	13702	0.57	PPBV	98
6) VINYL CHLORIDE	4.45	62	15292	0.56	PPBV #	54
7) 1,3-BUTADIENE	4.58	39	9645	0.50	PPBV	90
8) BROMOMETHANE	4.86	94	16317	0.53	PPBV	96
9) CHLOROETHANE	5.03	64	6594	0.52	PPBV	80
10) TRICHLOROFLUOROMETHANE	5.79	101	57690	0.50	PPBV	99
11) ISOPROPYL ALCOHOL	6.07	45	16583m	0.47	PPBV	
12) ACETONE	5.69	43	24290	0.41	PPBV	83
13) PENTANE	6.13	42	12834	0.45	PPBV	91
14) 1,1-DICHLOROETHYLENE	6.43	96	12786	0.43	PPBV	97
15) CARBON DISULFIDE	6.84	76	48612	0.54	PPBV	96
16) ETHANOL	5.32	45	847m	0.14	PPBV	
17) BROMOETHENE	5.38	106	11653	0.39	PPBV	98
18) METHYLENE CHLORIDE	6.55	84	32235	0.58	PPBV	93
19) 3-CHLOROPROPENE	6.66	39	10218	0.44	PPBV	90
20) FREON 113	6.79	151	37857	0.52	PPBV	95
21) TRANS-1,2-DICHLOROETHYLENE	7.45	96	13859	0.49	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.69	59	12447m	0.32	PPBV	
23) METHYL TERTIARY BUTYL ETHE	7.75	73	20442	0.35	PPBV	95
24) TETRAHYDROFURAN	9.23	42	5371m	0.30	PPBV	
25) HEXANE	8.63	57	18926	0.53	PPBV	87
26) VINYL ACETATE	7.81	43	12485	0.32	PPBV	74
27) 1,1-DICHLOROETHANE	7.65	63	26691	0.54	PPBV	98
28) METHYL ETHYL KETONE	8.10	43	20284m	0.54	PPBV	
29) cis-1,2-DICHLOROETHYLENE	8.46	96	13416	0.49	PPBV	98
30) ETHYL ACETATE	8.71	43	20867	0.54	PPBV #	94
31) CHLOROFORM	8.74	83	38336	0.55	PPBV	98
32) 1,1,1-TRICHLOROETHANE	9.68	97	40329	0.50	PPBV	97
33) CARBON TETRACHLORIDE	10.25	117	51116	0.51	PPBV	96
34) 1,2-DICHLOROETHANE	9.45	62	19128	0.48	PPBV	96
36) BENZENE	10.12	78	26821	0.44	PPBV	98
37) CYCLOHEXANE	10.37	84	8898	0.30	PPBV	94
38) TRICHLOROETHYLENE	11.11	95	16401	0.48	PPBV	91
39) 1,2-DICHLOROPROPANE	10.90	63	9846	0.47	PPBV	97
40) BROMODICHLOROMETHANE	11.09	83	31966	0.52	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	34764	0.37	PPBV	88
42) 1,4-DIOXANE	11.28	88	1834m	0.16	PPBV	
43) HEPTANE	11.36	43	12719	0.43	PPBV	91

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10860.D
Acq On : 5 Jul 2007 10:47 am
Operator : danat
Sample : ic562-0.5 (M210)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 11:29:12 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 11:24:31 2007
Response via : Initial Calibration

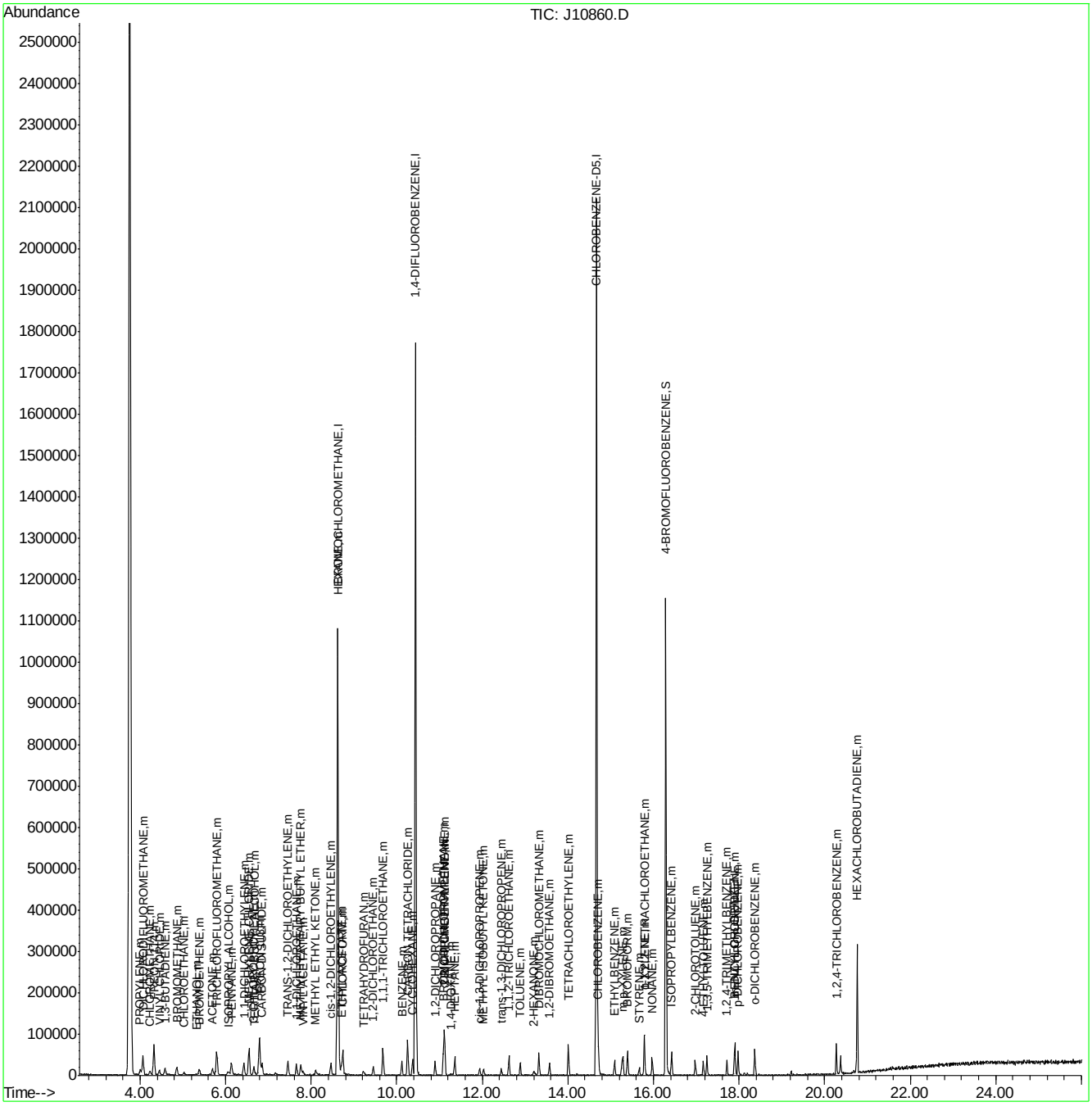
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	12.02	43	12485	0.34	PPBV		80
45) cis-1,3-DICHLOROPROPENE	11.94	75	9289	0.33	PPBV		92
46) TOLUENE	12.88	92	12463	0.31	PPBV		96
47) trans-1,3-DICHLOROPROPENE	12.44	75	8100	0.31	PPBV		91
48) 1,1,2-TRICHLOROETHANE	12.62	83	10909	0.49	PPBV		96
50) 2-HEXANONE	13.20	43	10674	0.40	PPBV	#	70
51) TETRACHLOROETHYLENE	14.01	164	16591	0.45	PPBV		99
52) DIBROMOCHLOROMETHANE	13.32	129	28641	0.52	PPBV		98
53) 1,2-DIBROMOETHANE	13.57	107	18292	0.50	PPBV		98
54) CHLOROBENZENE	14.71	112	31570	0.54	PPBV		99
55) ETHYLBENZENE	15.09	91	23865	0.31	PPBV		94
56) m,p-XYLENE	15.27	106	18708	0.59	PPBV	#	81
57) o-XYLENE	15.78	106	9506	0.31	PPBV		96
58) STYRENE	15.67	104	9469	0.25	PPBV		96
59) NONANE	15.97	43	10517	0.29	PPBV		93
60) BROMOFORM	15.39	173	27506	0.52	PPBV		96
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	31385	0.66	PPBV		92
63) ISOPROPYLBENZENE	16.42	105	31529	0.35	PPBV		96
64) 2-CHLOROTOLUENE	16.98	91	19425	0.32	PPBV		99
65) 4-ETHYLTOLUENE	17.16	105	20141	0.27	PPBV		99
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	23617	0.34	PPBV		94
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	17005	0.28	PPBV		93
68) m-DICHLOROBENZENE	17.90	146	27431	0.58	PPBV		98
69) BENZYL CHLORIDE	17.89	91	17693	0.48	PPBV		97
70) p-DICHLOROBENZENE	17.98	146	21701	0.51	PPBV		93
71) o-DICHLOROBENZENE	18.37	146	25627	0.61	PPBV		96
72) HEXACHLOROBUTADIENE	20.76	225	51263	1.27	PPBV		98
73) 1,2,4-TRICHLOROBENZENE	20.28	180	20594	1.20	PPBV		98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10860.D
Acq On : 5 Jul 2007 10:47 am
Operator : danat
Sample : ic562-0.5 (M210)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 11:29:12 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 11:24:31 2007
Response via : Initial Calibration



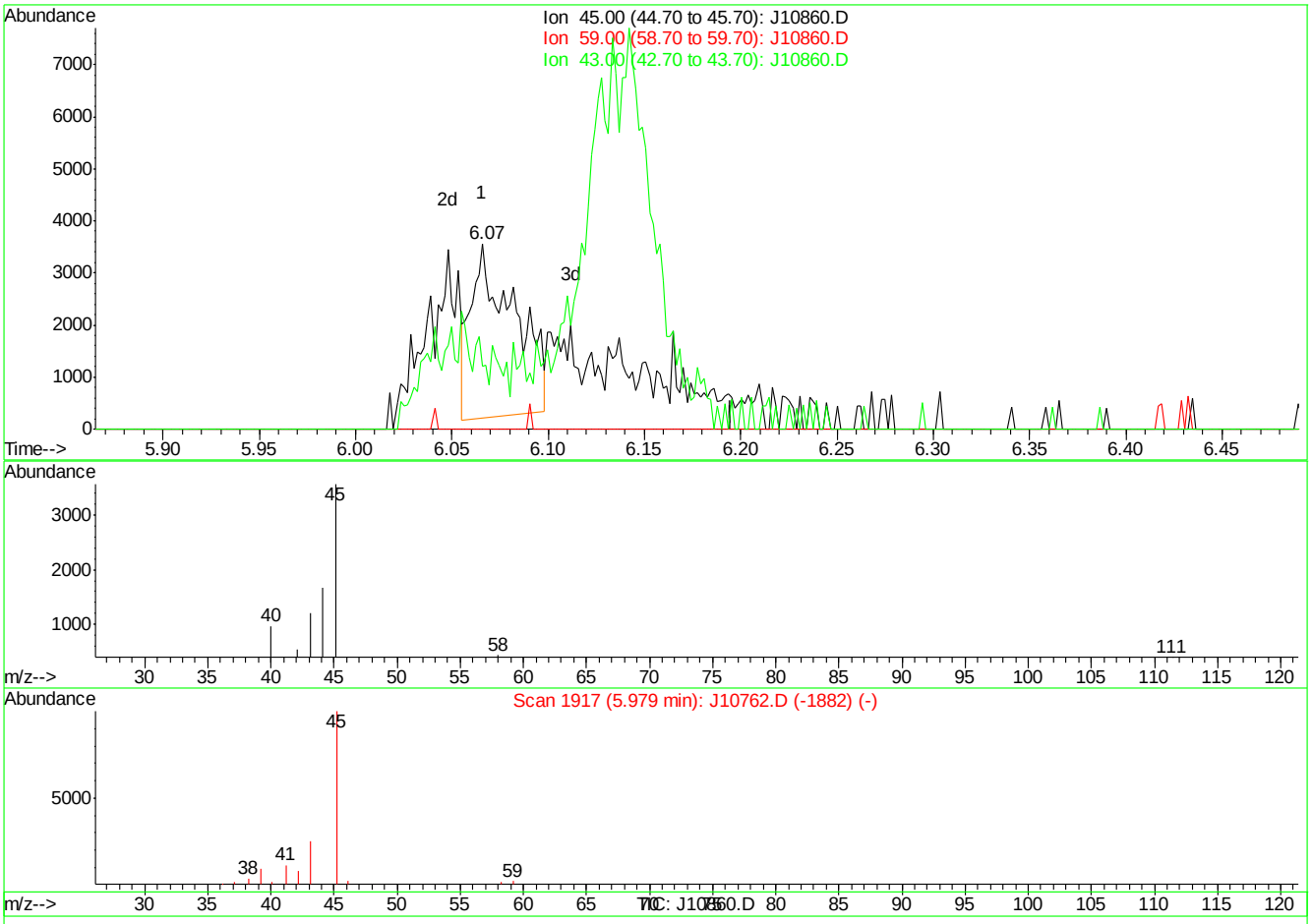
J070507T.M Fri Jul 06 11:17:14 2007 Page: 3

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10860.D Vial: 1
Acq On : 5 Jul 2007 10:47 am Operator: danat
Sample : ic562-0.5 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 11:24:40 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration



(11) ISOPROPYL ALCOHOL (m)

6.07min 0.15PPBV

response 5209

Ion	Exp%	Act%
45.00	100	100
59.00	2.20	0.00
43.00	25.50	34.10
0.00	0.00	0.00

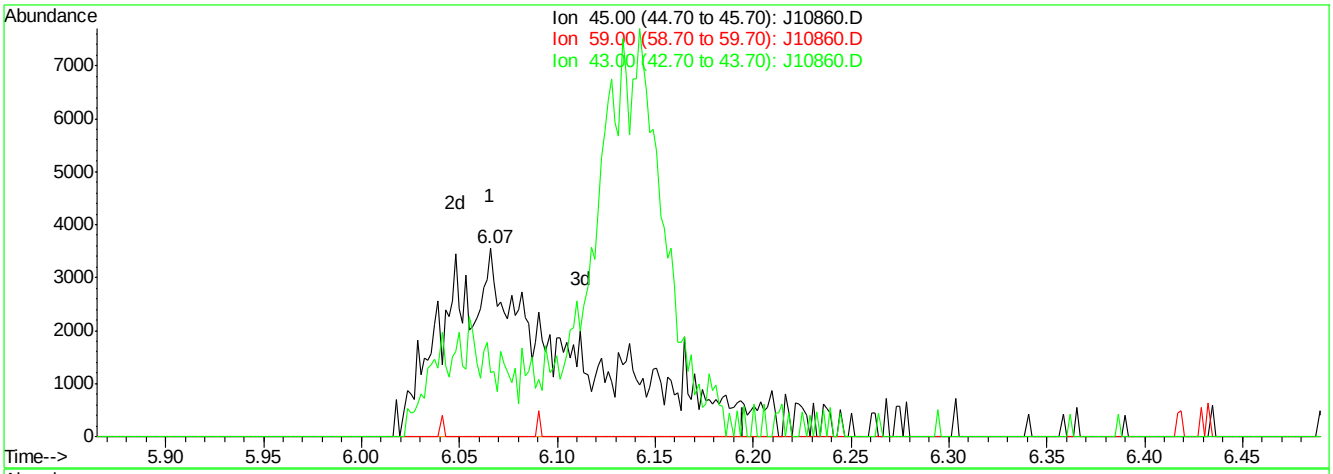
J10860.D J070507T.M Thu Jul 05 11:26:38 2007

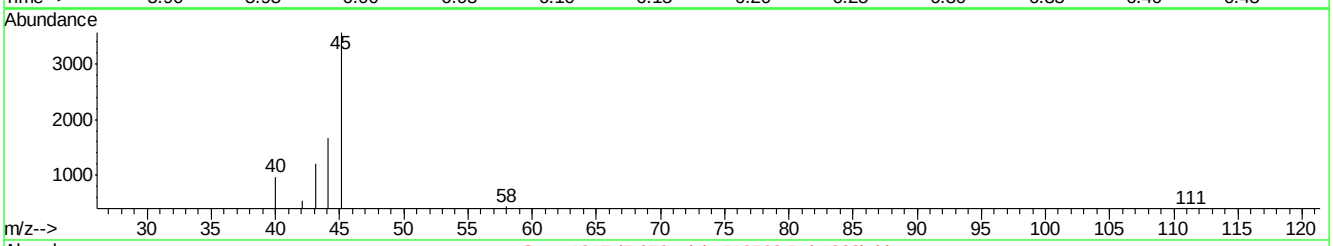
Quantitation Report (Qedit)

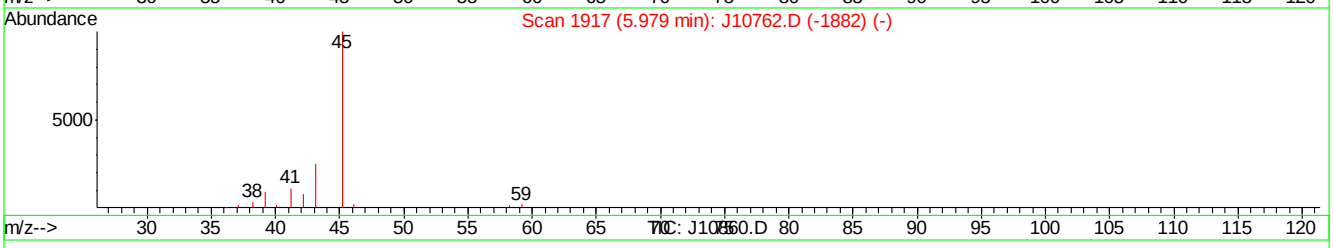
Data File : C:\MSDChem\1\data\J10860.D Vial: 1
Acq On : 5 Jul 2007 10:47 am Operator: danat
Sample : ic562-0.5 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 11:24:40 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.07min 0.47PPBV m

response 16583

Ion	Exp%	Act%
45.00	100	100
59.00	2.20	0.00
43.00	25.50	34.10
0.00	0.00	0.00

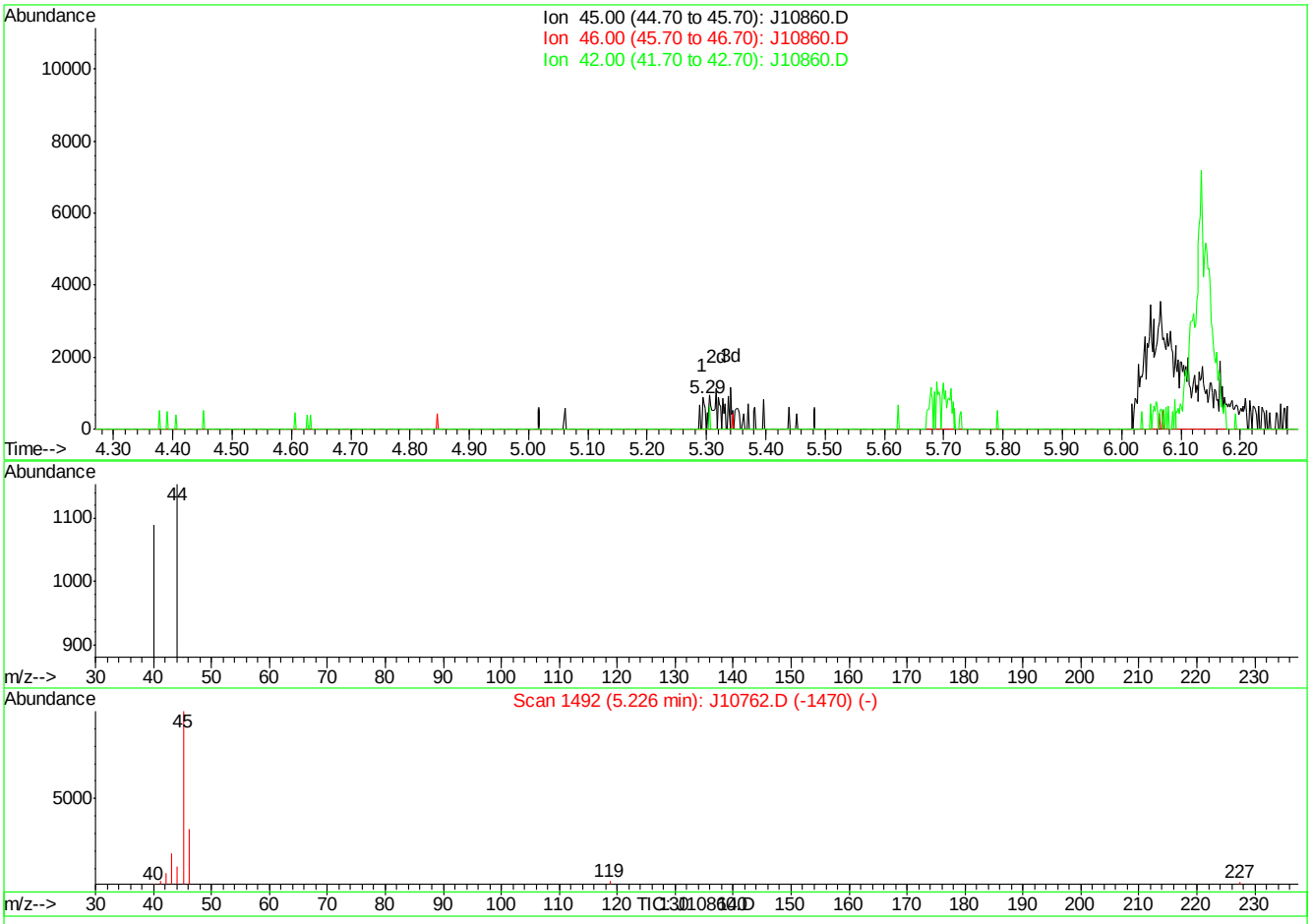
J10860.D J070507T.M Thu Jul 05 11:26:48 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10860.D Vial: 1
Acq On : 5 Jul 2007 10:47 am Operator: danat
Sample : ic562-0.5 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 11:24:40 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration



(16) ETHANOL (m)

5.29min 0.05PPBV

response 306

Ion	Exp%	Act%
45.00	100	100
46.00	34.30	0.00#
42.00	3.50	0.00
0.00	0.00	0.00

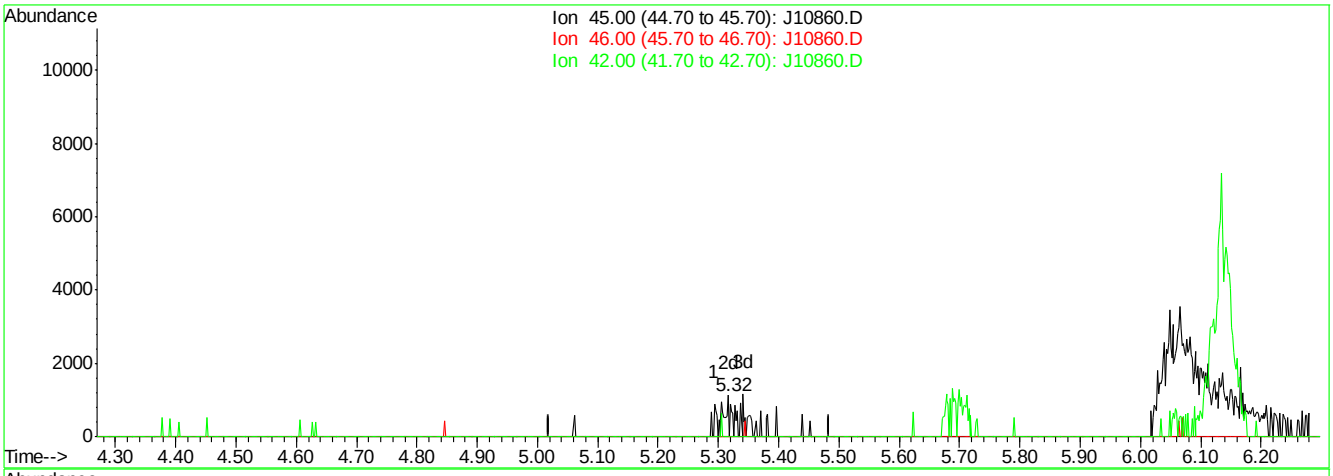
J10860.D J070507T.M Thu Jul 05 11:26:56 2007

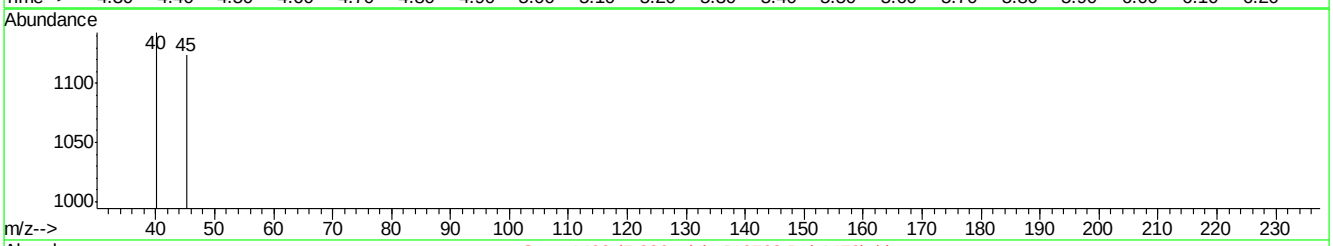
Quantitation Report (Qedit)

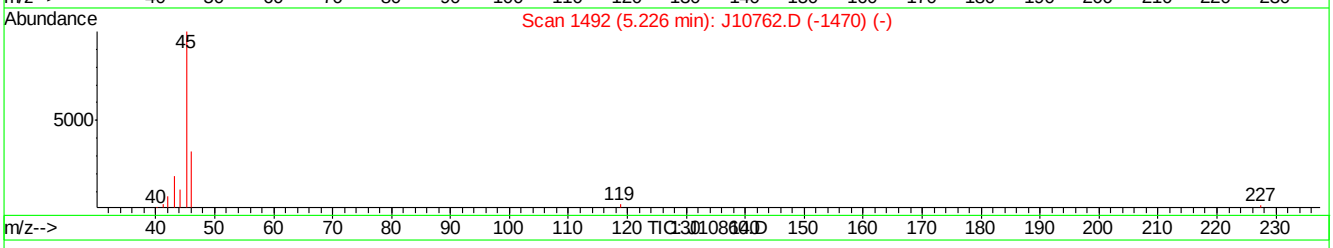
Data File : C:\MSDChem\1\data\J10860.D Vial: 1
Acq On : 5 Jul 2007 10:47 am Operator: danat
Sample : ic562-0.5 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 11:24:40 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.32min 0.14PPBV m

response 847

Ion	Exp%	Act%
45.00	100	100
46.00	34.30	0.00#
42.00	3.50	0.00
0.00	0.00	0.00

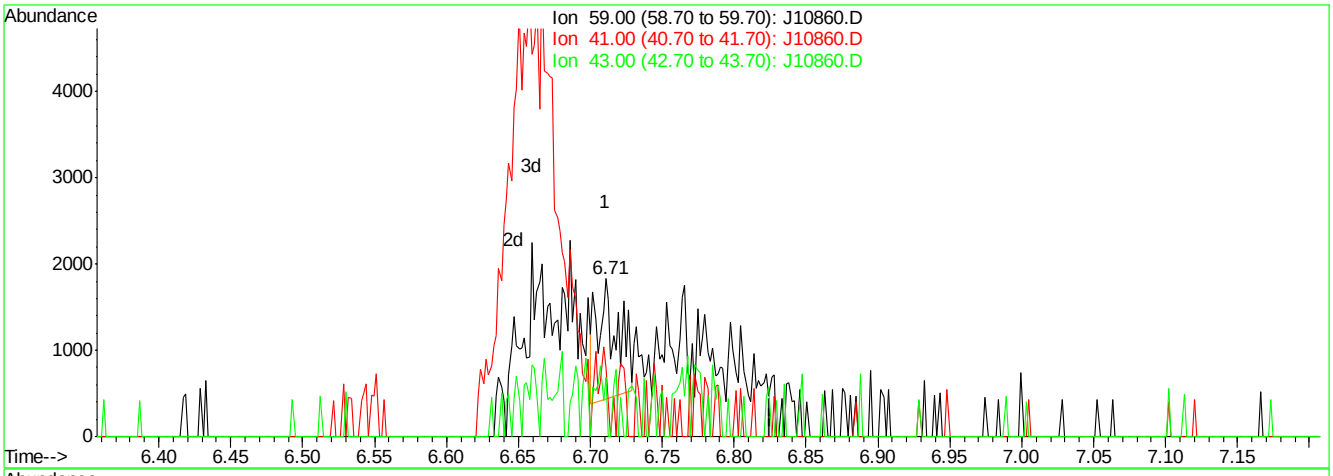
J10860.D J070507T.M Thu Jul 05 11:27:18 2007

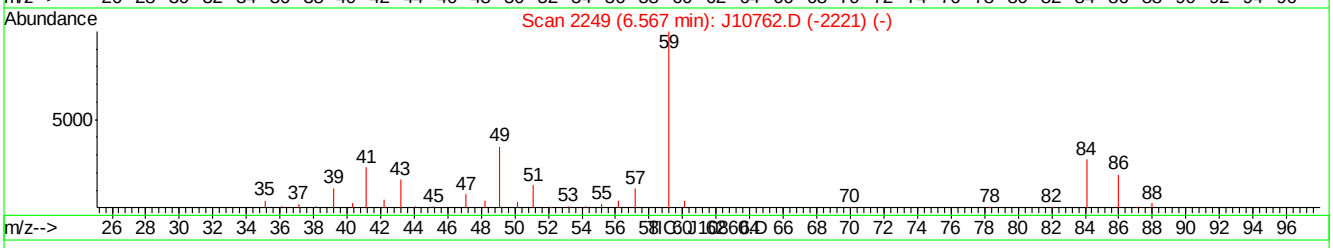
Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10860.D Vial: 1
Acq On : 5 Jul 2007 10:47 am Operator: danat
Sample : ic562-0.5 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 11:24:40 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration





(22) TERTIARY BUTYL ALCOHOL (m)

6.71min 0.03PPBV

response 1343

Ion	Exp%	Act%
59.00	100	100
41.00	22.00	37.97
43.00	17.20	28.82
0.00	0.00	0.00

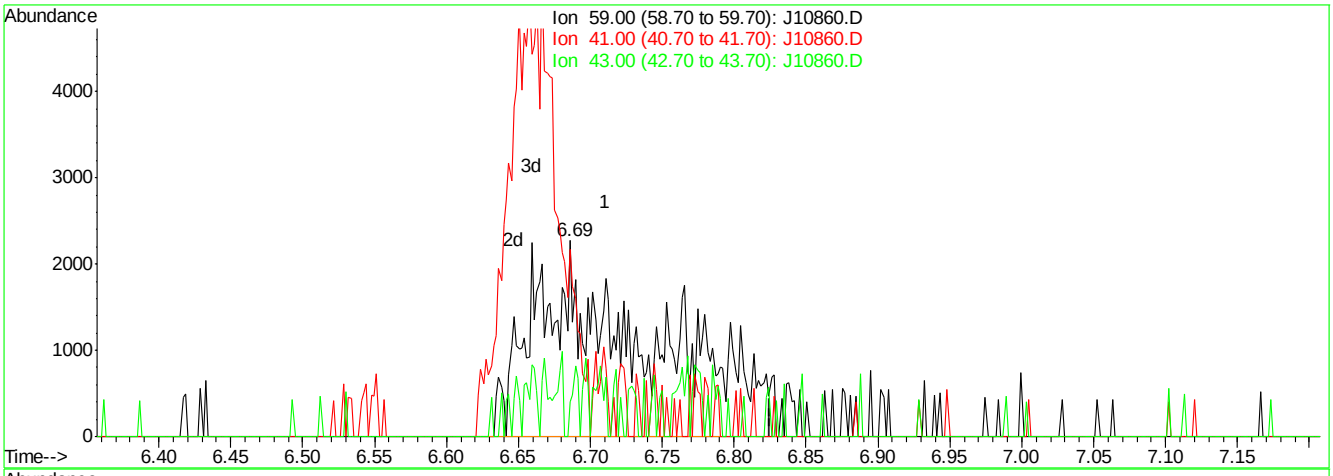
J10860.D J070507T.M Thu Jul 05 11:27:29 2007

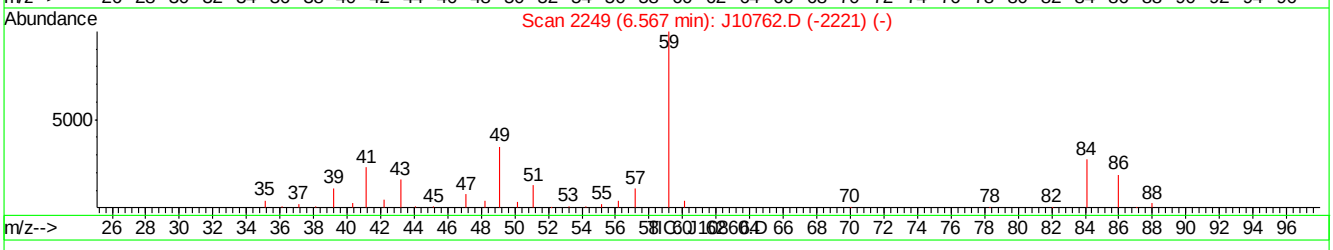
Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10860.D Vial: 1
Acq On : 5 Jul 2007 10:47 am Operator: danat
Sample : ic562-0.5 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 11:24:40 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration





(22) TERTIARY BUTYL ALCOHOL (m)

6.69min 0.32PPBV m

response 12447

Ion	Exp%	Act%
59.00	100	100
41.00	22.00	4.10
43.00	17.20	3.11
0.00	0.00	0.00

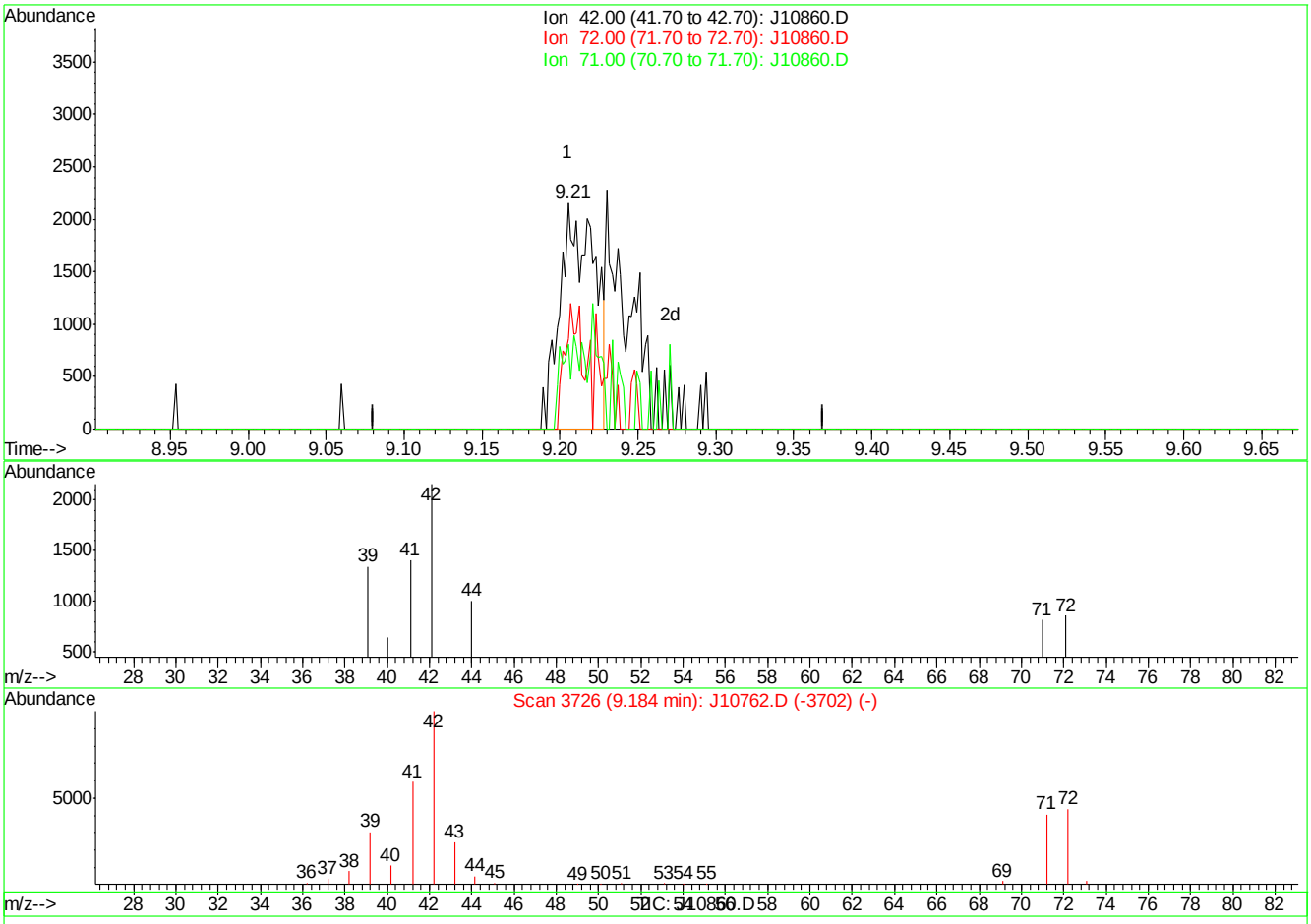
J10860.D J070507T.M Thu Jul 05 11:27:45 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10860.D Vial: 1
Acq On : 5 Jul 2007 10:47 am Operator: danat
Sample : ic562-0.5 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 11:24:40 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration



(24) TETRAHYDROFURAN (m)

9.21min 0.19PPBV

response 3316

Ion	Exp%	Act%
42.00	100	100
72.00	46.60	29.98
71.00	46.70	12.03#
0.00	0.00	0.00

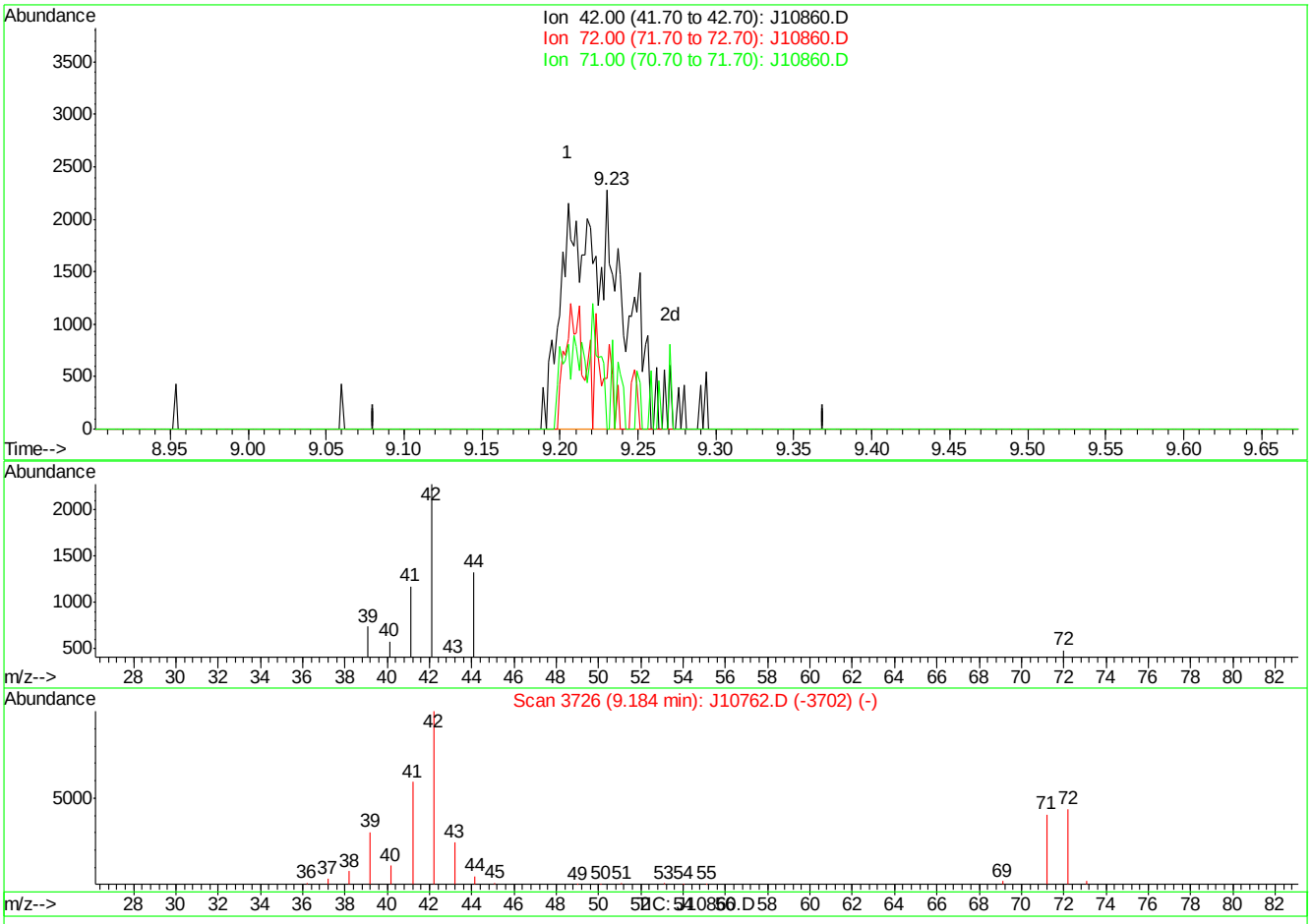
J10860.D J070507T.M Thu Jul 05 11:27:51 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10860.D Vial: 1
Acq On : 5 Jul 2007 10:47 am Operator: danat
Sample : ic562-0.5 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 11:24:40 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration



(24) TETRAHYDROFURAN (m)

9.23min 0.30PPBV m

response 5371

Ion	Exp%	Act%
42.00	100	100
72.00	46.60	18.51#
71.00	46.70	7.43#
0.00	0.00	0.00

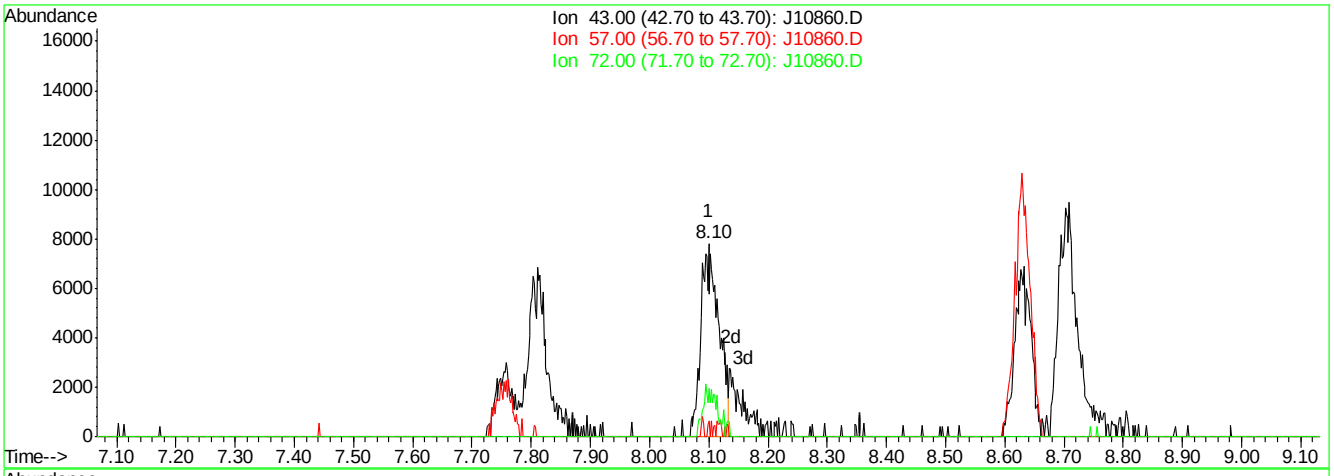
J10860.D J070507T.M Thu Jul 05 11:28:01 2007

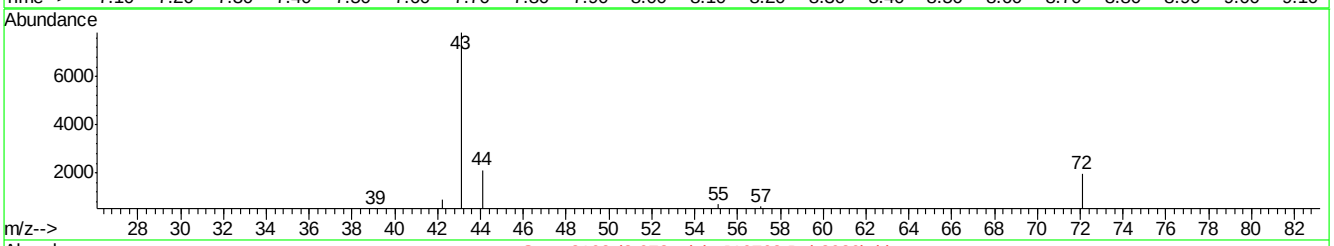
Quantitation Report (Qedit)

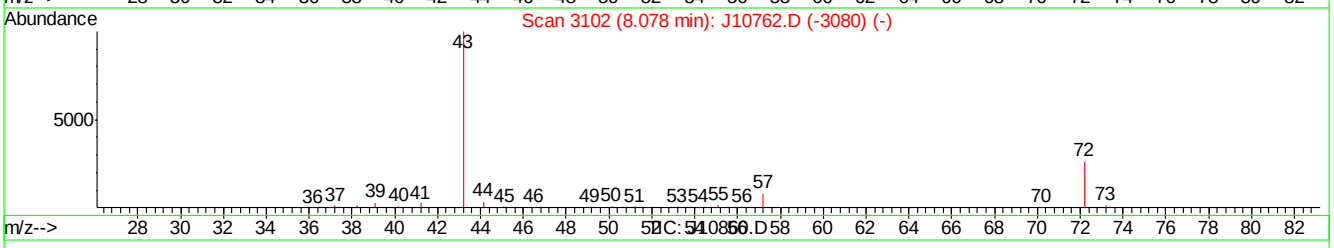
Data File : C:\MSDChem\1\data\J10860.D Vial: 1
Acq On : 5 Jul 2007 10:47 am Operator: danat
Sample : ic562-0.5 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 11:24:40 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(28) METHYL ETHYL KETONE (m)

8.10min 0.44PPBV

response 16344

Ion	Exp%	Act%
43.00	100	100
57.00	8.00	7.71
72.00	26.40	24.93
0.00	0.00	0.00

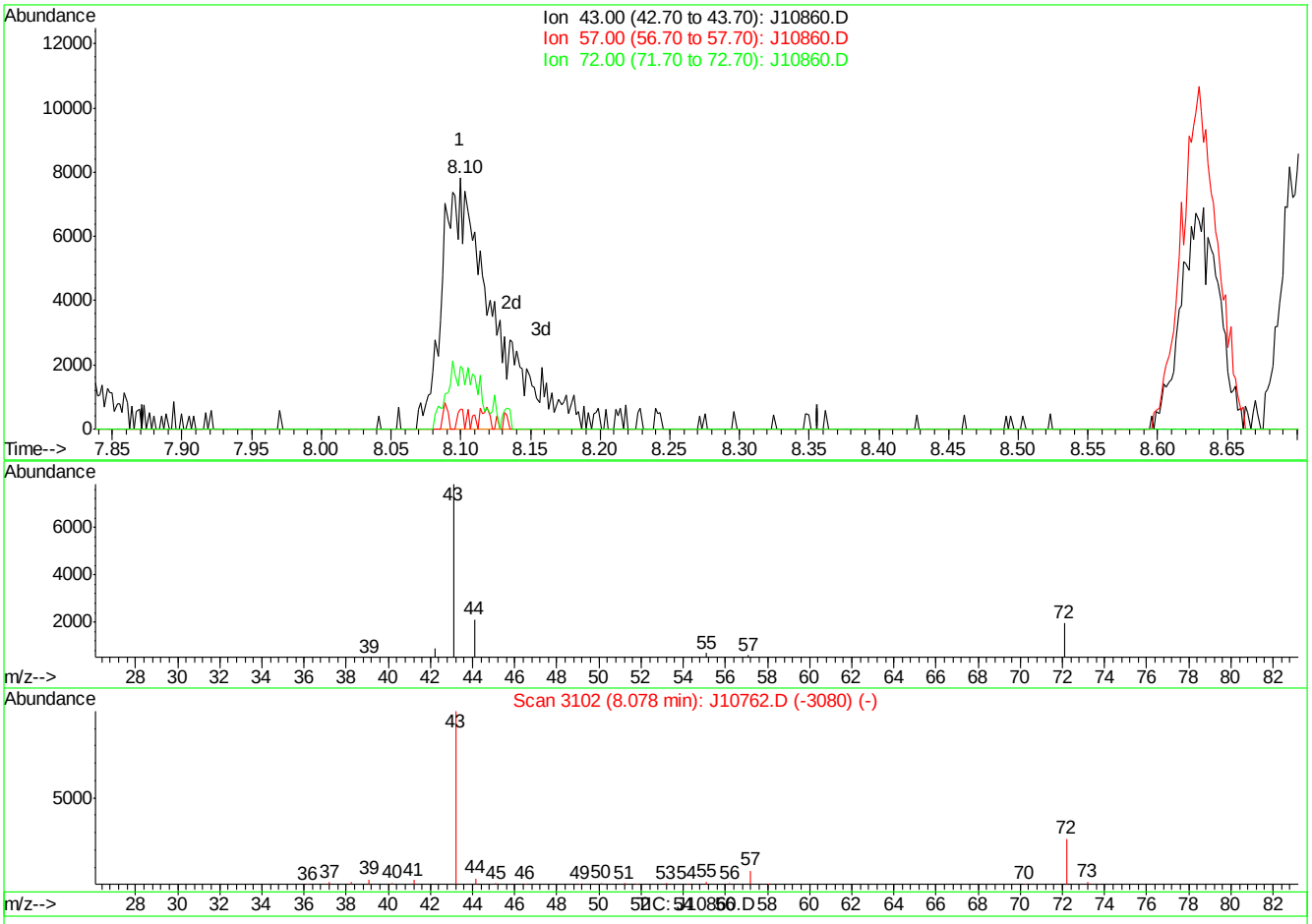
J10860.D J070507T.M Thu Jul 05 11:28:12 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10860.D Vial: 1
Acq On : 5 Jul 2007 10:47 am Operator: danat
Sample : ic562-0.5 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 11:24:40 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration



(28) METHYL ETHYL KETONE (m)

8.10min 0.54PPBV m

response 20284

Ion	Exp%	Act%
43.00	100	100
57.00	8.00	7.71
72.00	26.40	24.93
0.00	0.00	0.00

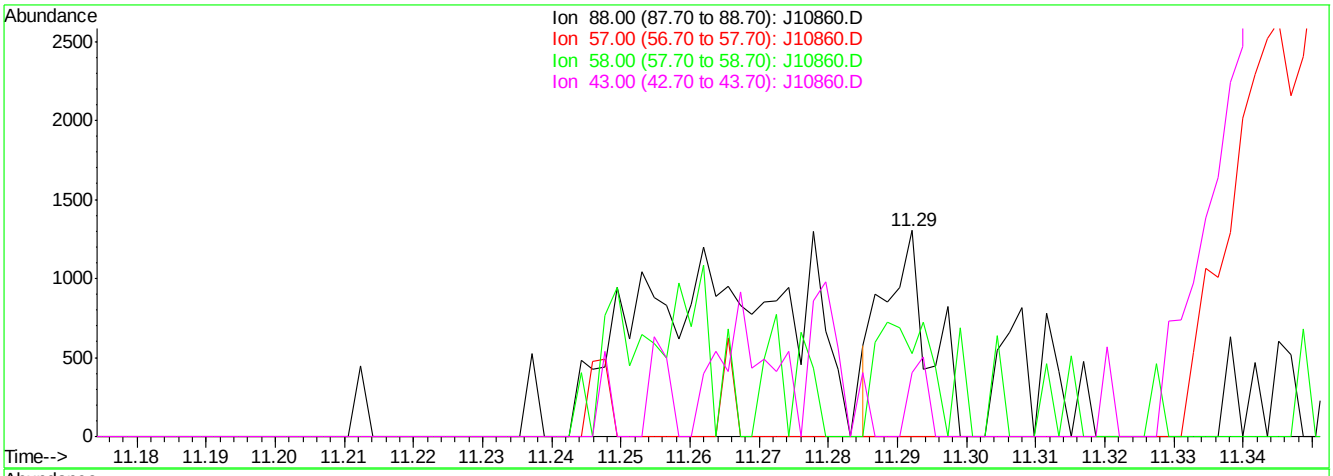
J10860.D J070507T.M Thu Jul 05 11:28:19 2007

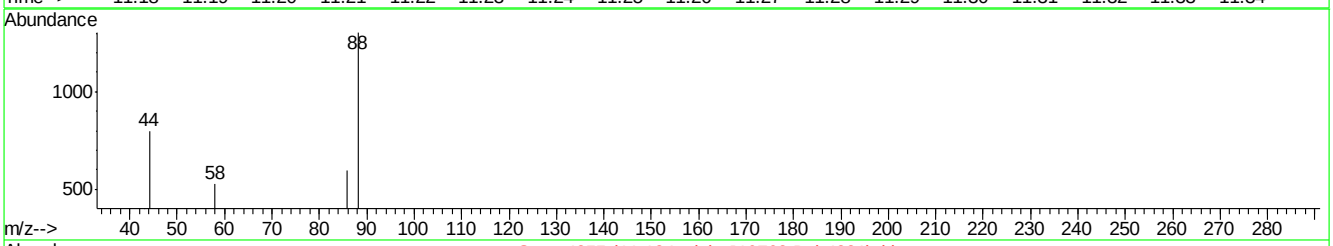
Quantitation Report (Qedit)

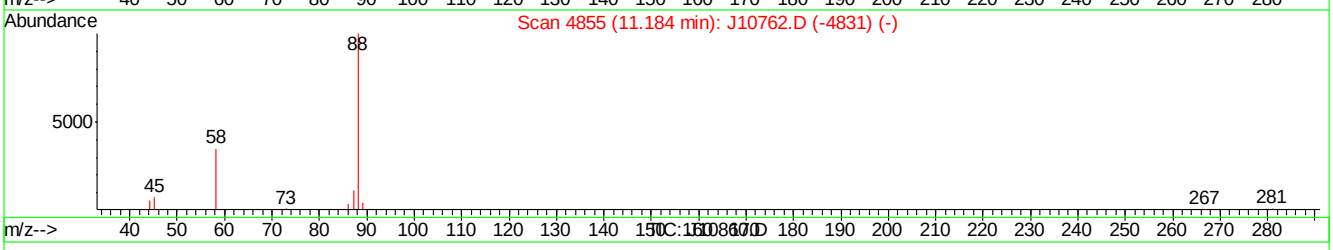
Data File : C:\MSDChem\1\data\J10860.D Vial: 1
Acq On : 5 Jul 2007 10:47 am Operator: danat
Sample : ic562-0.5 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 11:24:40 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(42) 1,4-DIOXANE (m)

11.29min 0.05PPBV

response 606

Ion	Exp%	Act%
88.00	100	100
57.00	19.90	0.00
58.00	51.60	40.34
43.00	30.20	30.75

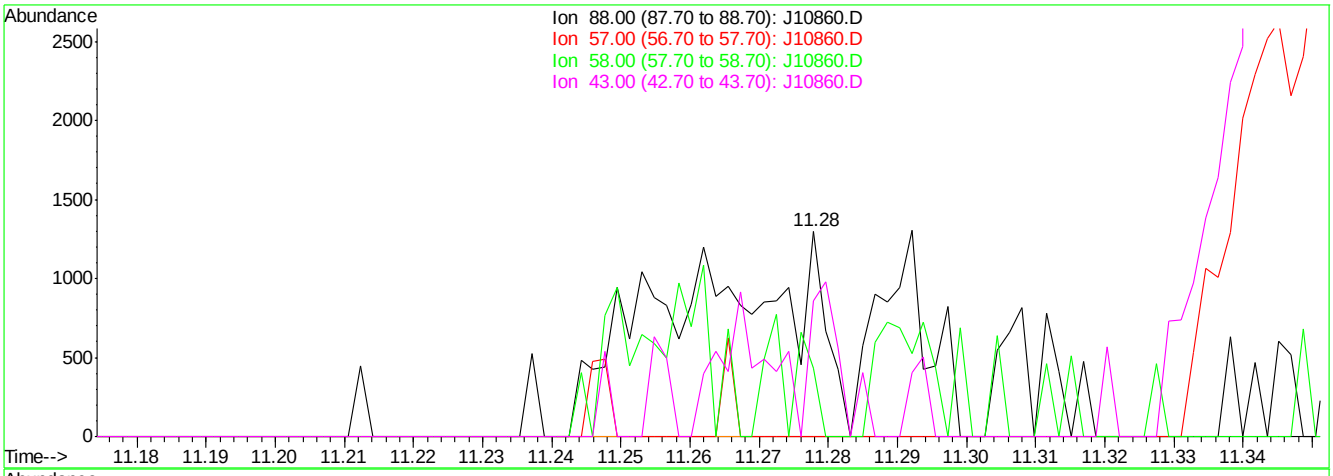
J10860.D J070507T.M Thu Jul 05 11:28:38 2007

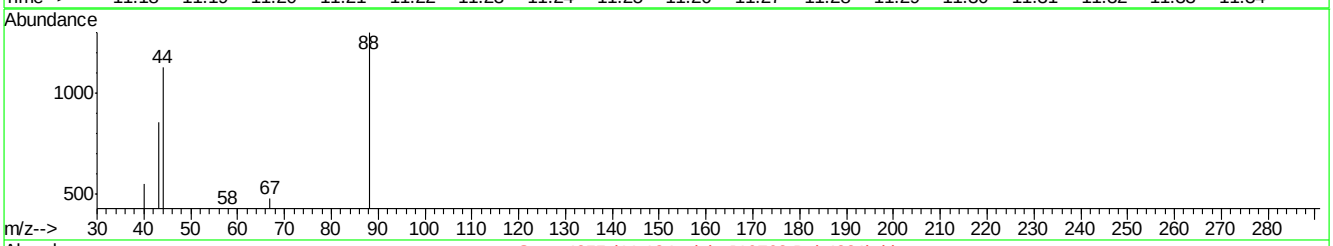
Quantitation Report (Qedit)

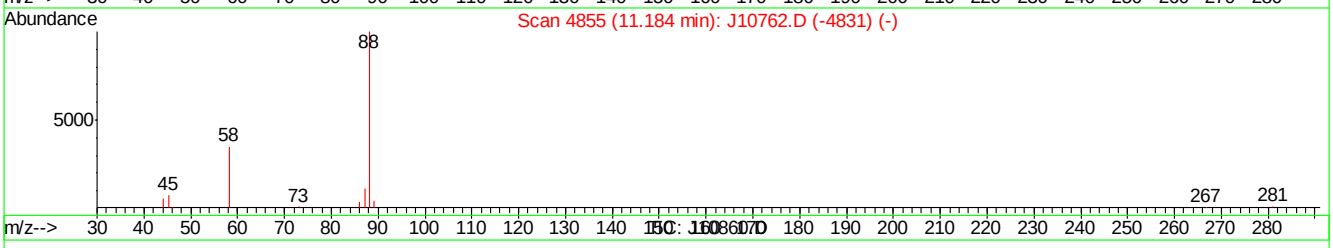
Data File : C:\MSDChem\1\data\J10860.D Vial: 1
Acq On : 5 Jul 2007 10:47 am Operator: danat
Sample : ic562-0.5 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 11:24:40 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(42) 1,4-DIOXANE (m)

11.28min 0.16PPBV m

response 1834

Ion	Exp%	Act%
88.00	100	100
57.00	19.90	0.00
58.00	51.60	33.05
43.00	30.20	65.80#

J10860.D J070507T.M Thu Jul 05 11:28:45 2007

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
07/11/07 09:41

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10861.D
Acq On : 5 Jul 2007 11:40 am
Operator : danat
Sample : ic562-0.2 (M210)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 12:10:09 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 11:24:31 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.61	128	314205	10.00	PPBV	-0.01
35) 1,4-DIFLUOROBENZENE	10.43	114	1315959	10.00	PPBV	-0.01
49) CHLOROBENZENE-D5	14.66	117	1039945	10.00	PPBV	-0.01

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	267857	4.08	PPBV	-0.01

Spiked Amount 5.000 Range 51 - 142 Recovery = 81.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	21186	0.19	PPBV	95
3) PROPYLENE	4.00	41	2114	0.13	PPBV	87
4) FREON 114	4.32	85	18384	0.19	PPBV	92
5) CHLOROMETHANE	4.23	50	4882	0.20	PPBV #	41
6) VINYL CHLORIDE	4.44	62	4391	0.16	PPBV #	52
7) 1,3-BUTADIENE	4.58	39	2547m	0.13	PPBV	
8) BROMOMETHANE	4.84	94	5275m	0.17	PPBV	
9) CHLOROETHANE	5.02	64	1880m	0.15	PPBV	
10) TRICHLOROFLUOROMETHANE	5.79	101	20139	0.17	PPBV	97
12) ACETONE	5.70	43	9476	0.16	PPBV	69
13) PENTANE	6.14	42	4698	0.16	PPBV #	13
14) 1,1-DICHLOROETHYLENE	6.42	96	3387	0.11	PPBV #	84
15) CARBON DISULFIDE	6.84	76	16228	0.18	PPBV	89
17) BROMOETHENE	5.38	106	3106	0.10	PPBV #	76
18) METHYLENE CHLORIDE	6.54	84	14497	0.26	PPBV	93
20) FREON 113	6.78	151	14135	0.19	PPBV	94
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	3716	0.13	PPBV #	12
23) METHYL TERTIARY BUTYL ETHE	7.77	73	6299	0.11	PPBV #	65
25) HEXANE	8.62	57	7032	0.19	PPBV	82
27) 1,1-DICHLOROETHANE	7.65	63	8089m	0.16	PPBV	
28) METHYL ETHYL KETONE	8.13	43	5695m	0.15	PPBV	
29) cis-1,2-DICHLOROETHYLENE	8.45	96	3794m	0.14	PPBV	
30) ETHYL ACETATE	8.73	43	6106	0.16	PPBV #	94
31) CHLOROFORM	8.73	83	12578	0.18	PPBV	97
32) 1,1,1-TRICHLOROETHANE	9.67	97	12874	0.16	PPBV	96
33) CARBON TETRACHLORIDE	10.25	117	16993	0.17	PPBV	98
34) 1,2-DICHLOROETHANE	9.44	62	5489	0.13	PPBV	74
36) BENZENE	10.11	78	7215	0.12	PPBV	95
38) TRICHLOROETHYLENE	11.10	95	4041	0.12	PPBV #	54
39) 1,2-DICHLOROPROPANE	10.89	63	3124	0.15	PPBV #	37
40) BROMODICHLOROMETHANE	11.08	83	10388	0.17	PPBV	92
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	8438	0.09	PPBV	85
48) 1,1,2-TRICHLOROETHANE	12.62	83	3088	0.14	PPBV	92
51) TETRACHLOROETHYLENE	14.01	164	5048	0.15	PPBV	92
52) DIBROMOCHLOROMETHANE	13.32	129	7812	0.15	PPBV	94
53) 1,2-DIBROMOETHANE	13.56	107	5001	0.15	PPBV #	97
54) CHLOROBENZENE	14.71	112	9098	0.17	PPBV	97
56) m,p-XYLENE	15.25	106	4070	0.14	PPBV	90
60) BROMOFORM	15.39	173	6630	0.13	PPBV	96
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	7272	0.17	PPBV	94
68) m-DICHLOROBENZENE	17.91	146	5264	0.12	PPBV	97

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10861.D
Acq On : 5 Jul 2007 11:40 am
Operator : danat
Sample : ic562-0.2 (M210)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 12:10:09 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 11:24:31 2007
Response via : Initial Calibration

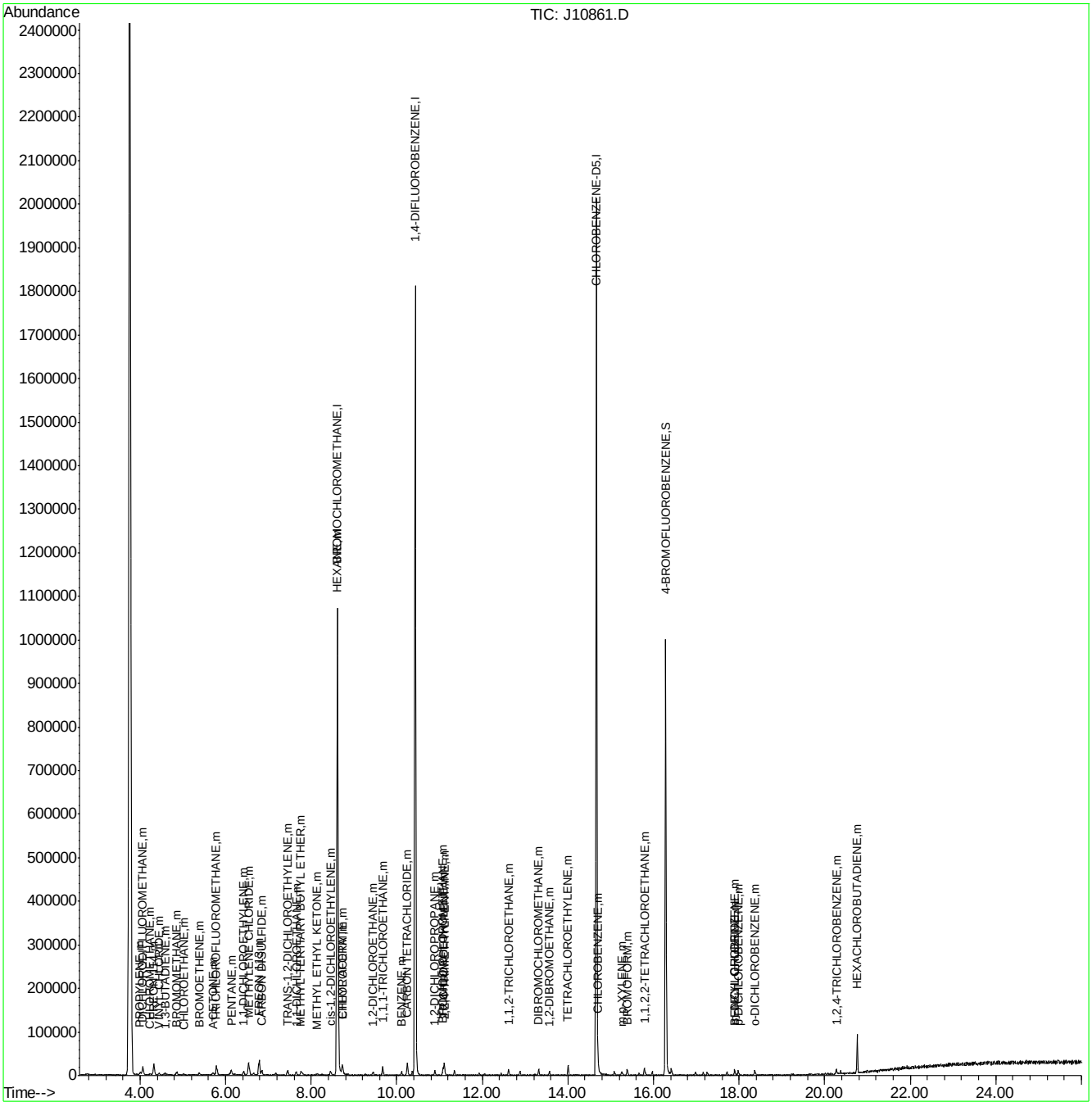
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) BENZYL CHLORIDE	17.89	91	3365	0.10	PPBV	68
70) p-DICHLOROBENZENE	17.98	146	4657	0.12	PPBV	93
71) o-DICHLOROBENZENE	18.37	146	5188	0.13	PPBV	95
72) HEXACHLOROBUTADIENE	20.76	225	14766	0.39	PPBV	97
73) 1,2,4-TRICHLOROBENZENE	20.27	180	4132	0.26	PPBV	93

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10861.D
Acq On : 5 Jul 2007 11:40 am
Operator : danat
Sample : ic562-0.2 (M210)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 12:10:09 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 11:24:31 2007
Response via : Initial Calibration

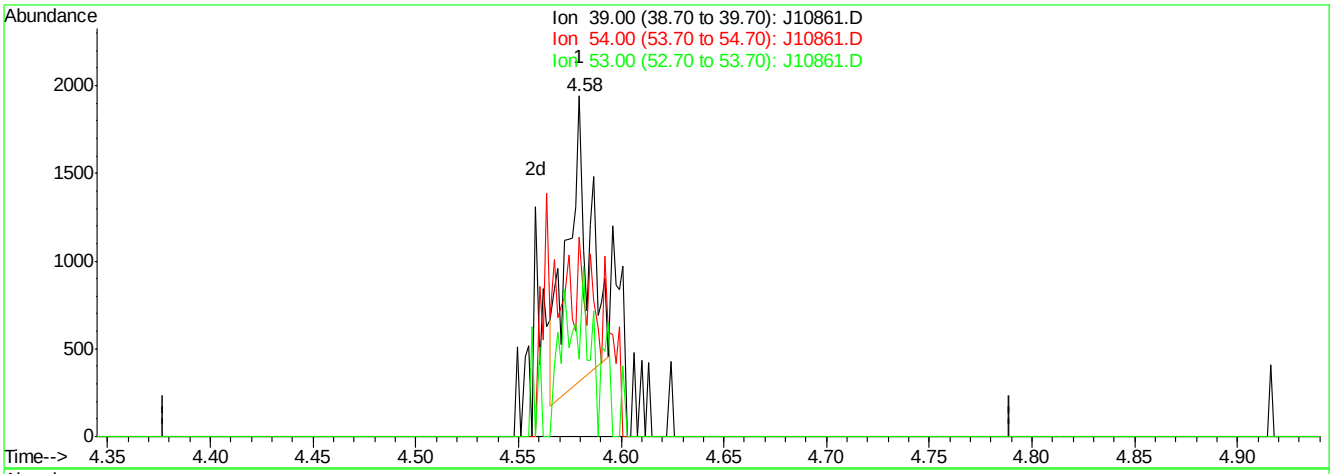


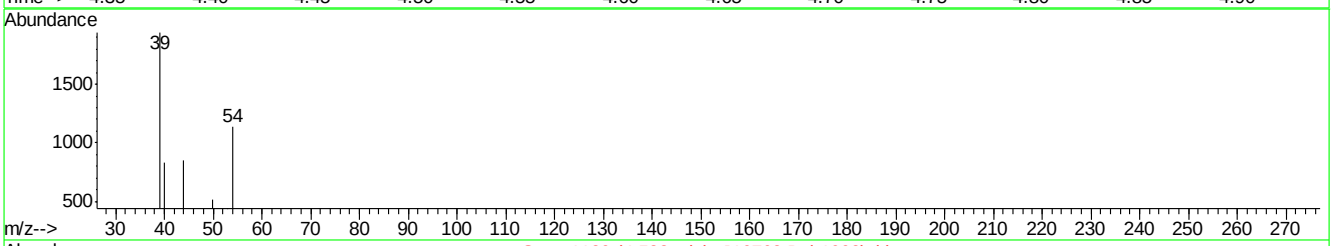
Quantitation Report (Qedit)

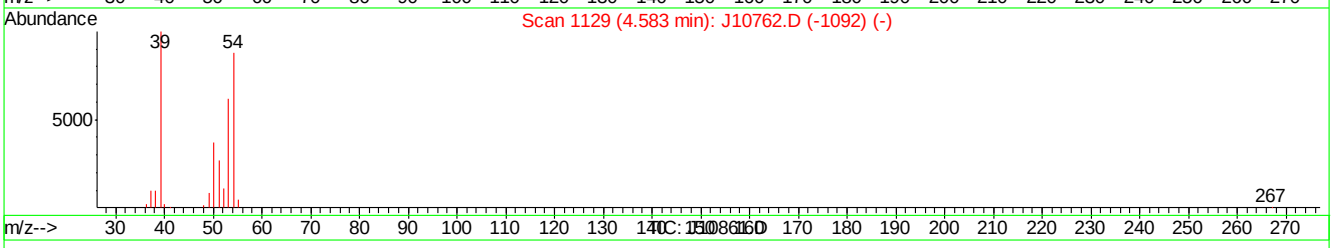
Data File : C:\MSDChem\1\data\J10861.D Vial: 1
Acq On : 5 Jul 2007 11:40 am Operator: danat
Sample : ic562-0.2 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 12:06:13 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(7) 1,3-BUTADIENE (m)

4.58min 0.06PPBV

response 1190

Ion	Exp%	Act%
39.00	100	100
54.00	92.50	0.00#
53.00	65.20	52.27
0.00	0.00	0.00

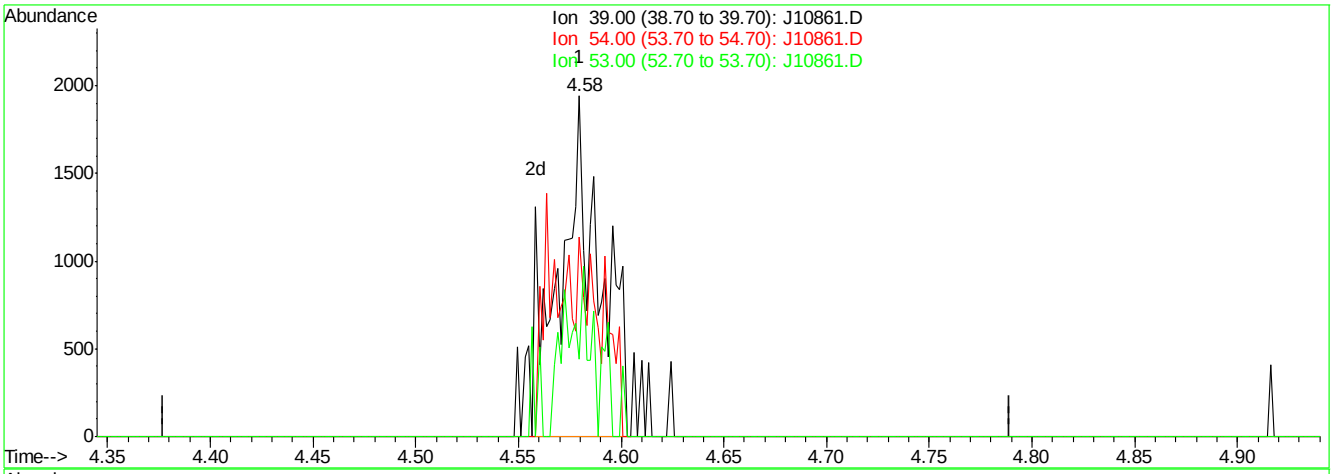
J10861.D J070507T.M Thu Jul 05 12:06:49 2007

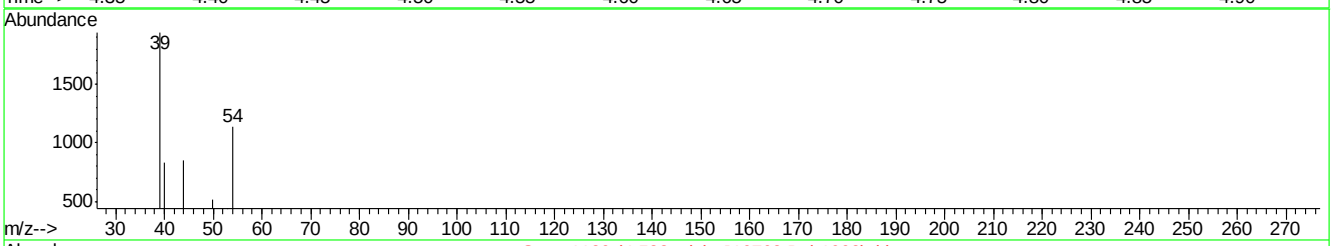
Quantitation Report (Qedit)

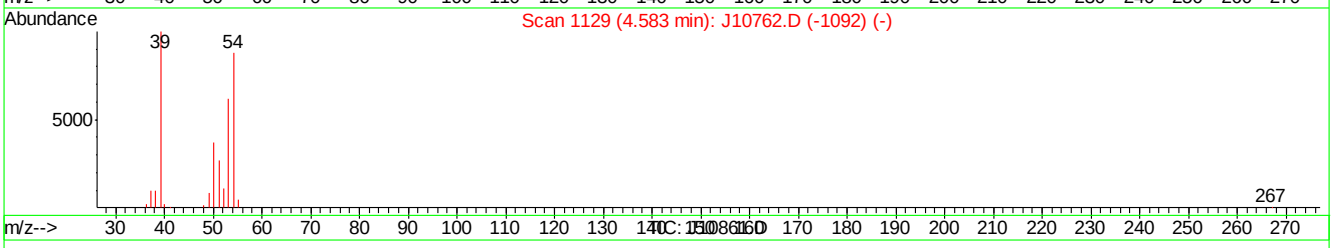
Data File : C:\MSDChem\1\data\J10861.D Vial: 1
Acq On : 5 Jul 2007 11:40 am Operator: danat
Sample : ic562-0.2 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 12:06:13 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(7) 1,3-BUTADIENE (m)

4.58min 0.13PPBV m

response 2547

Ion	Exp%	Act%
39.00	100	100
54.00	92.50	0.00#
53.00	65.20	24.42#
0.00	0.00	0.00

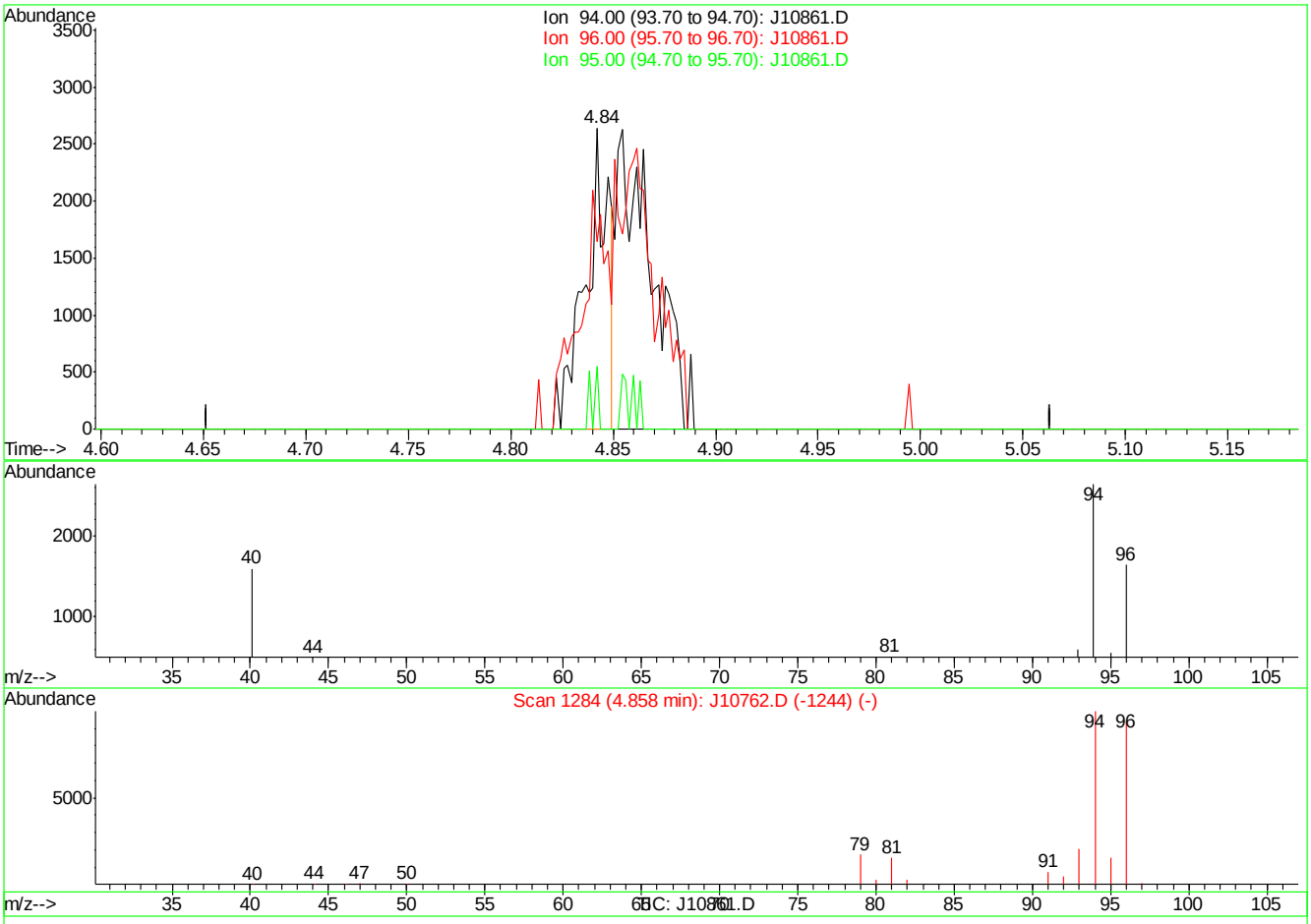
J10861.D J070507T.M Thu Jul 05 12:06:58 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10861.D Vial: 1
Acq On : 5 Jul 2007 11:40 am Operator: danat
Sample : ic562-0.2 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 12:06:13 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration



(8) BROMOMETHANE (m)

4.84min 0.06PPBV

response 2038

Ion	Exp%	Act%
94.00	100	100
96.00	94.50	93.77
95.00	15.50	5.54
0.00	0.00	0.00

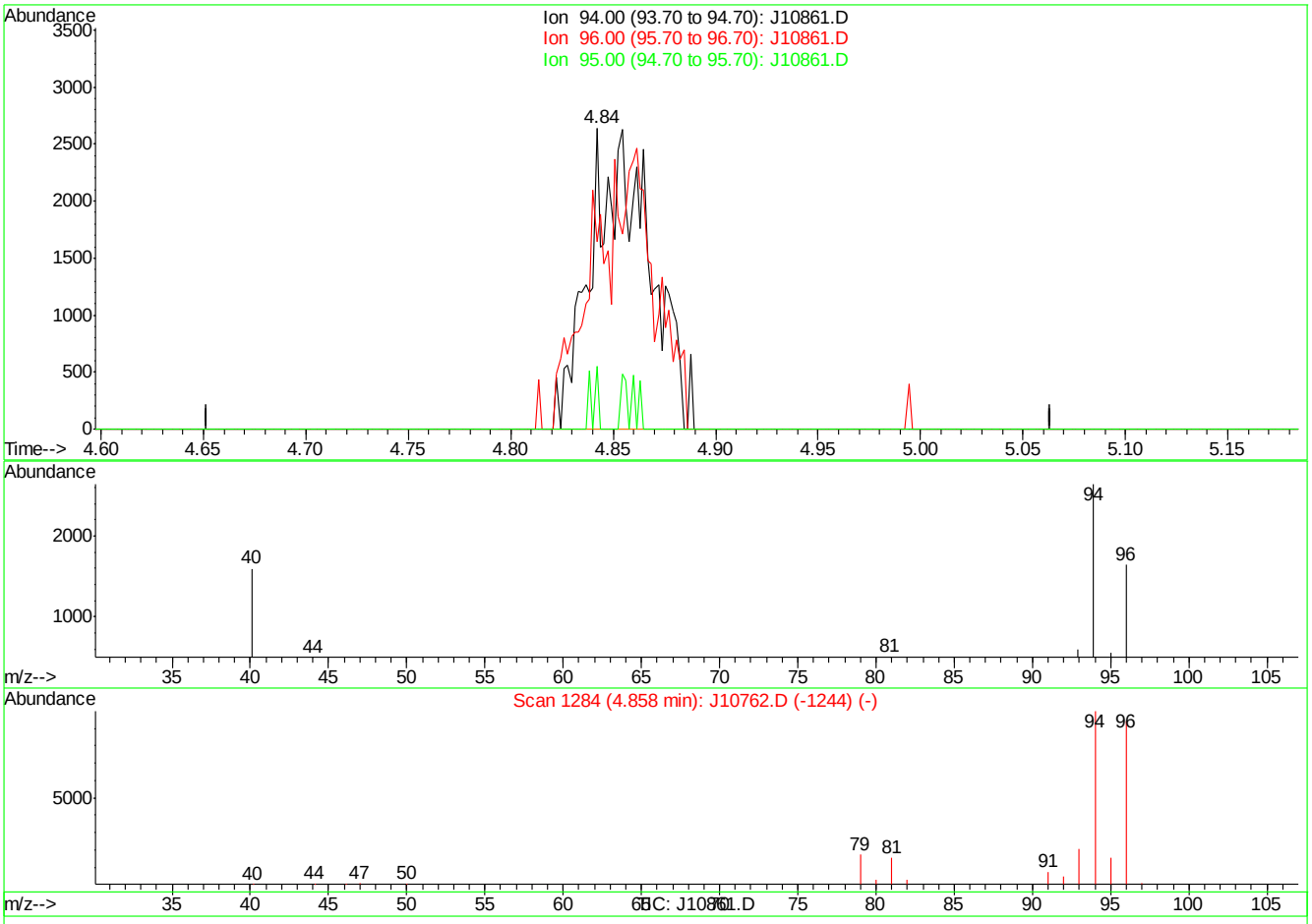
J10861.D J070507T.M Thu Jul 05 12:07:03 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10861.D Vial: 1
Acq On : 5 Jul 2007 11:40 am Operator: danat
Sample : ic562-0.2 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 12:06:13 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration



(8) BROMOMETHANE (m)

4.84min 0.17PPBV m

response 5275

Ion	Exp%	Act%
94.00	100	100
96.00	94.50	36.23#
95.00	15.50	2.14
0.00	0.00	0.00

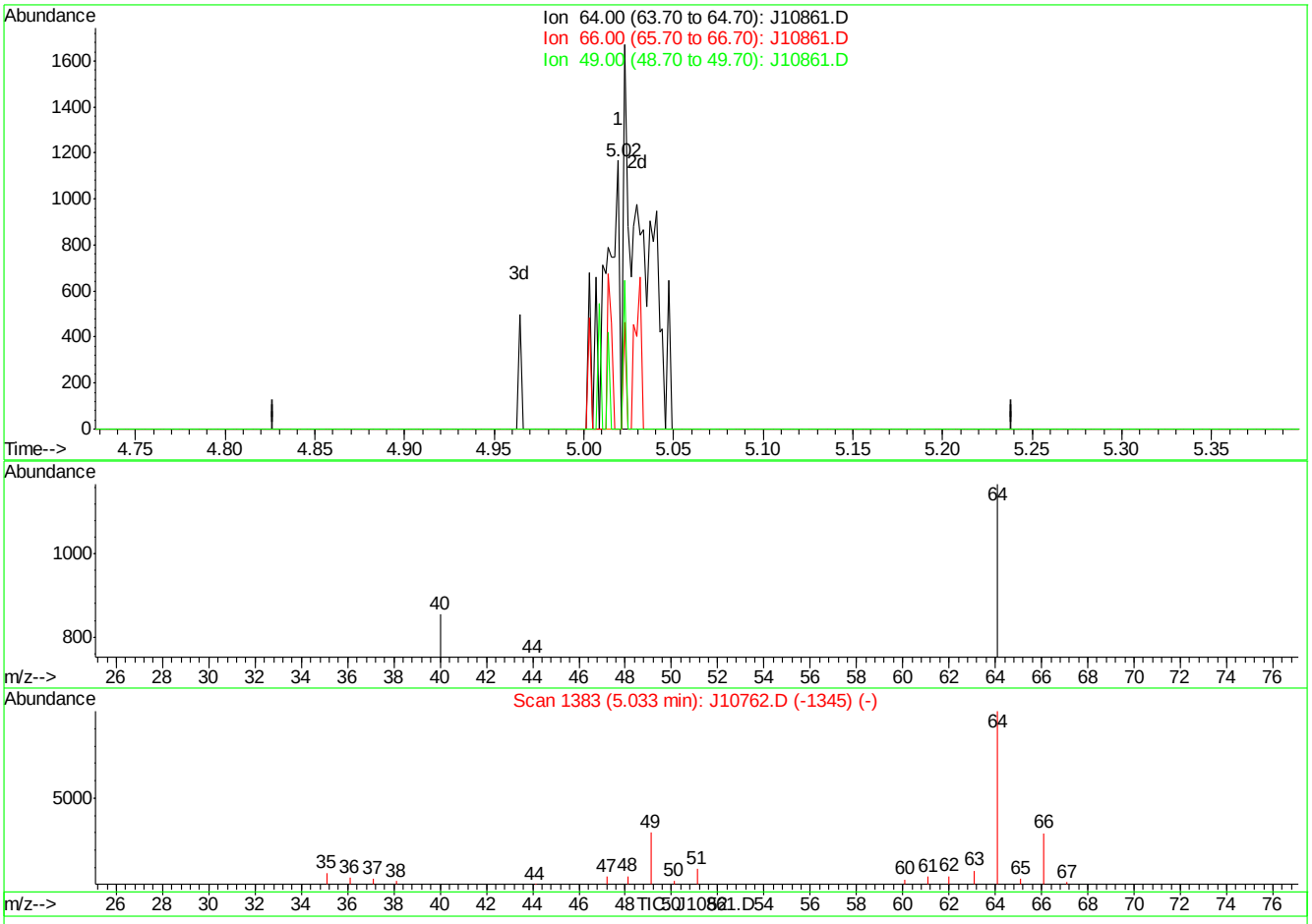
J10861.D J070507T.M Thu Jul 05 12:07:08 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10861.D Vial: 1
Acq On : 5 Jul 2007 11:40 am Operator: danat
Sample : ic562-0.2 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 12:06:13 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration



(9) CHLOROETHANE (m)

5.02min 0.05PPBV

response 658

Ion	Exp%	Act%
64.00	100	100
66.00	33.20	18.24
49.00	30.60	15.65
0.00	0.00	0.00

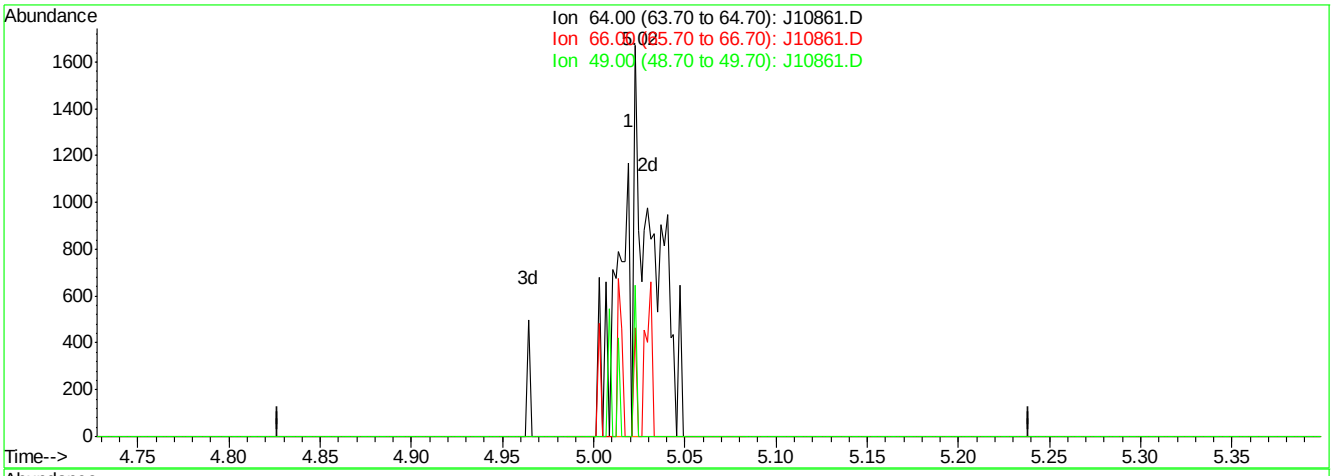
J10861.D J070507T.M Thu Jul 05 12:07:13 2007

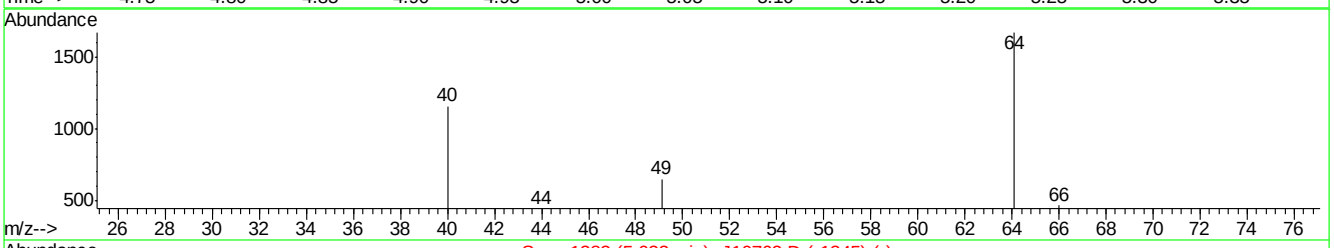
Quantitation Report (Qedit)

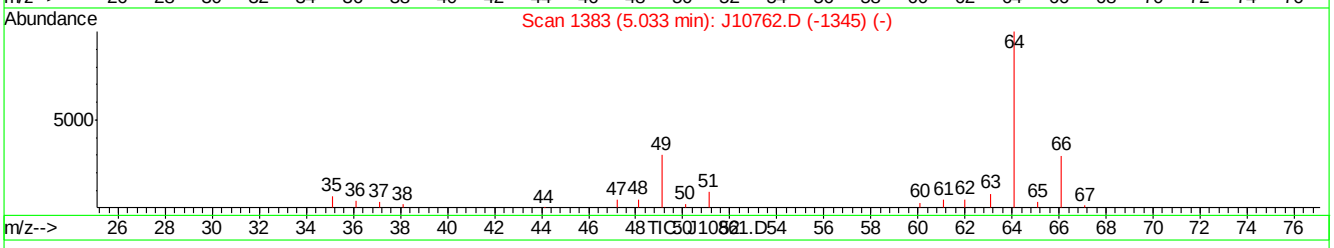
Data File : C:\MSDChem\1\data\J10861.D Vial: 1
Acq On : 5 Jul 2007 11:40 am Operator: danat
Sample : ic562-0.2 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 12:06:13 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(9) CHLOROETHANE (m)

5.02min 0.15PPBV m

response 1880

Ion	Exp%	Act%
64.00	100	100
66.00	33.20	6.38#
49.00	30.60	5.48#
0.00	0.00	0.00

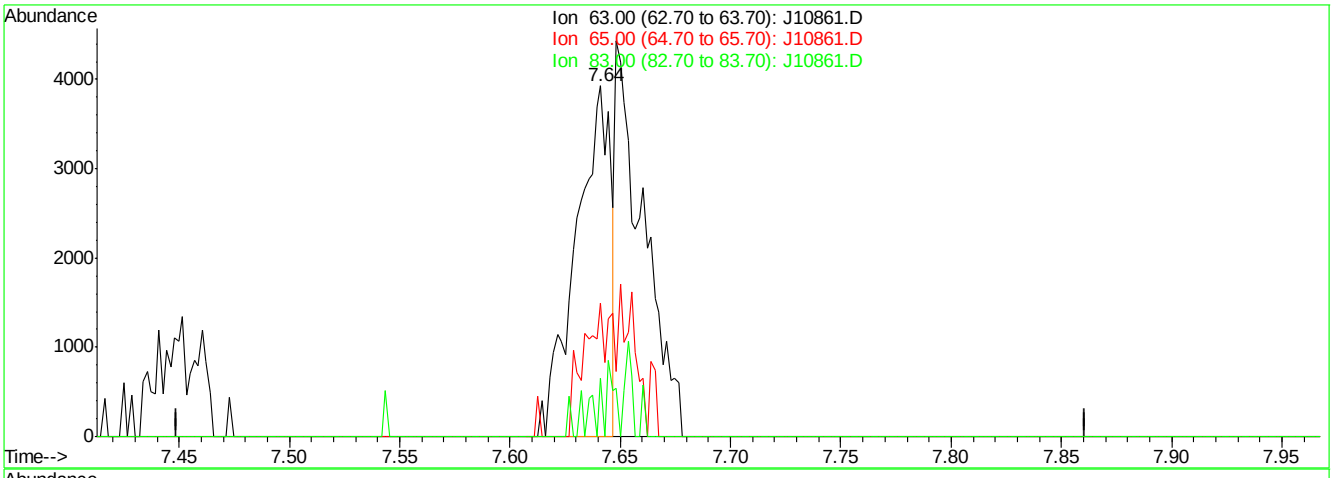
J10861.D J070507T.M Thu Jul 05 12:07:16 2007

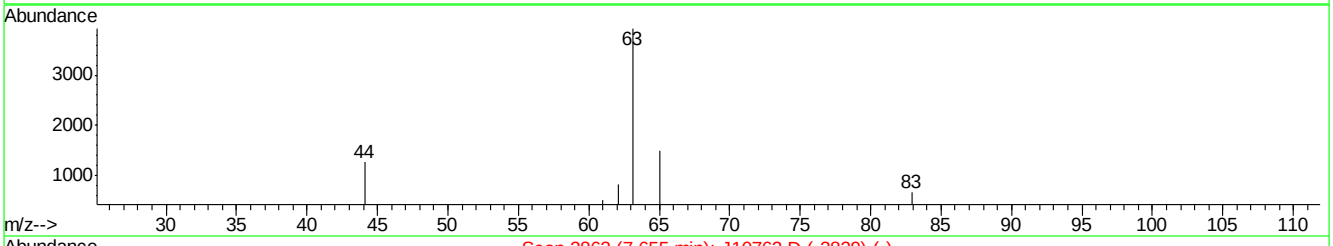
Quantitation Report (Qedit)

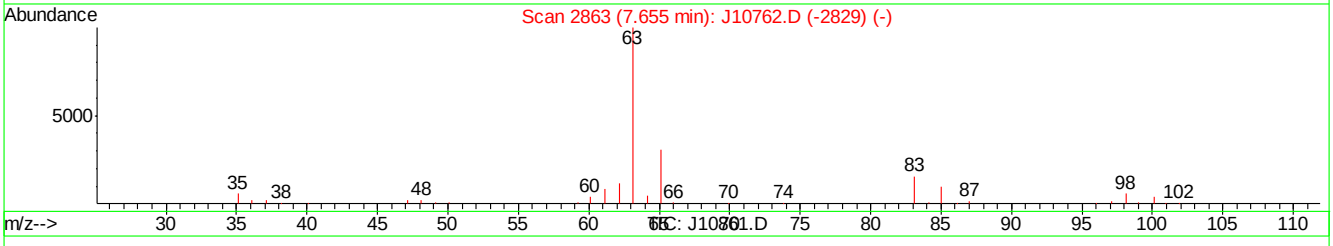
Data File : C:\MSDChem\1\data\J10861.D Vial: 1
Acq On : 5 Jul 2007 11:40 am Operator: danat
Sample : ic562-0.2 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 12:06:13 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(27) 1,1-DICHLOROETHANE (m)

7.64min 0.08PPBV

response 4190

Ion	Exp%	Act%
63.00	100	100
65.00	32.30	0.00#
83.00	15.10	4.68
0.00	0.00	0.00

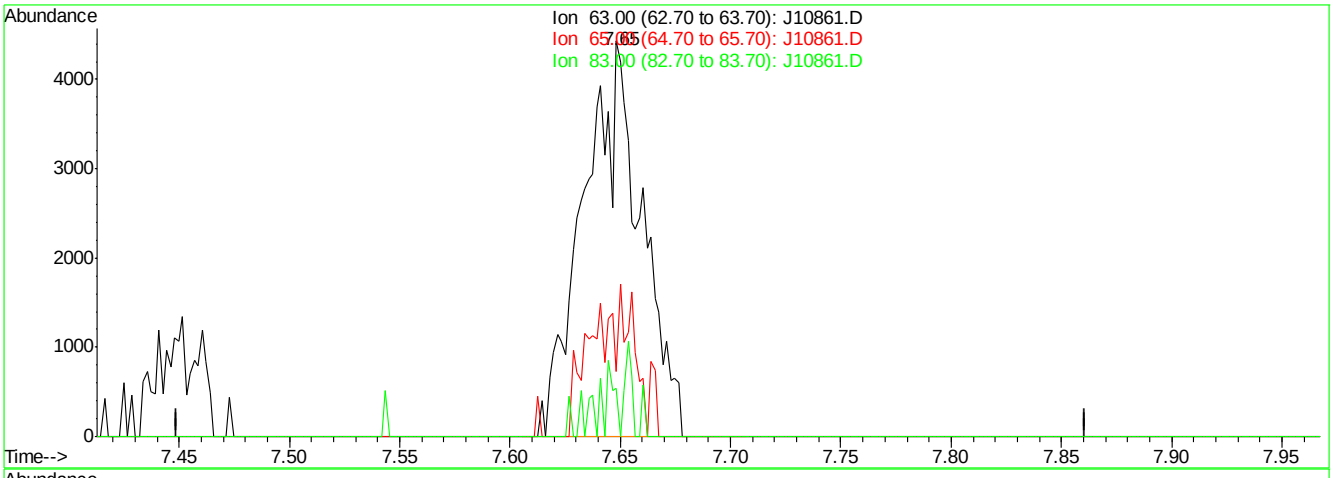
J10861.D J070507T.M Thu Jul 05 12:08:09 2007

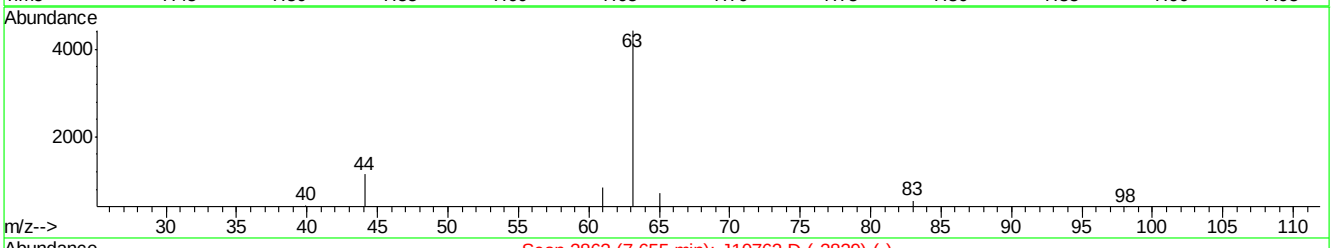
Quantitation Report (Qedit)

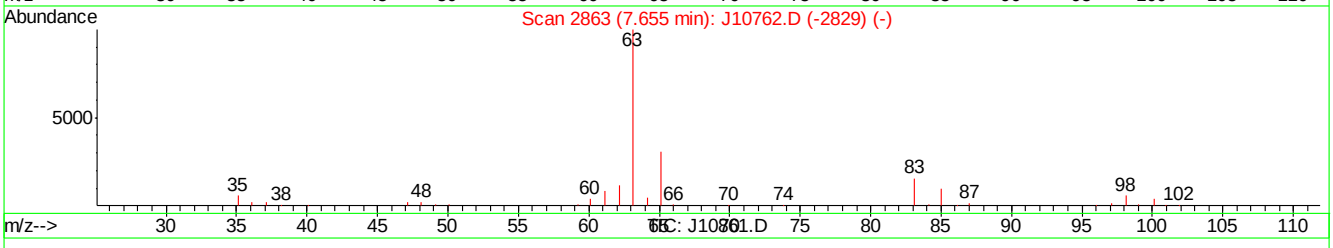
Data File : C:\MSDChem\1\data\J10861.D Vial: 1
Acq On : 5 Jul 2007 11:40 am Operator: danat
Sample : ic562-0.2 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 12:06:13 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(27) 1,1-DICHLOROETHANE (m)

7.65min 0.16PPBV m

response 8089

Ion	Exp%	Act%
63.00	100	100
65.00	32.30	0.00#
83.00	15.10	2.42
0.00	0.00	0.00

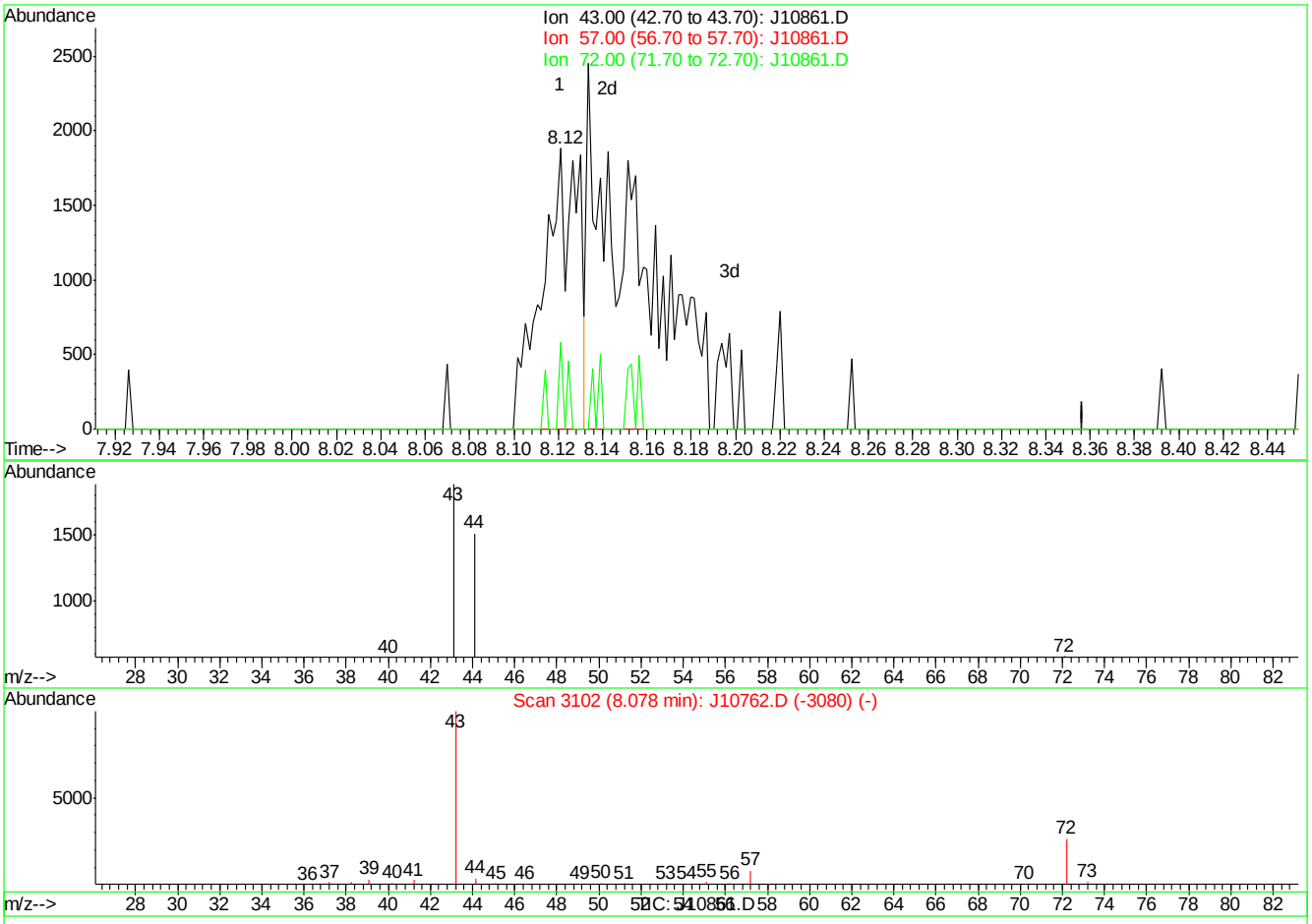
J10861.D J070507T.M Thu Jul 05 12:08:13 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10861.D Vial: 1
Acq On : 5 Jul 2007 11:40 am Operator: danat
Sample : ic562-0.2 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 12:06:13 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration



(28) METHYL ETHYL KETONE (m)

8.12min 0.05PPBV

response 2089

Ion	Exp%	Act%
43.00	100	100
57.00	8.00	0.00
72.00	26.40	30.96
0.00	0.00	0.00

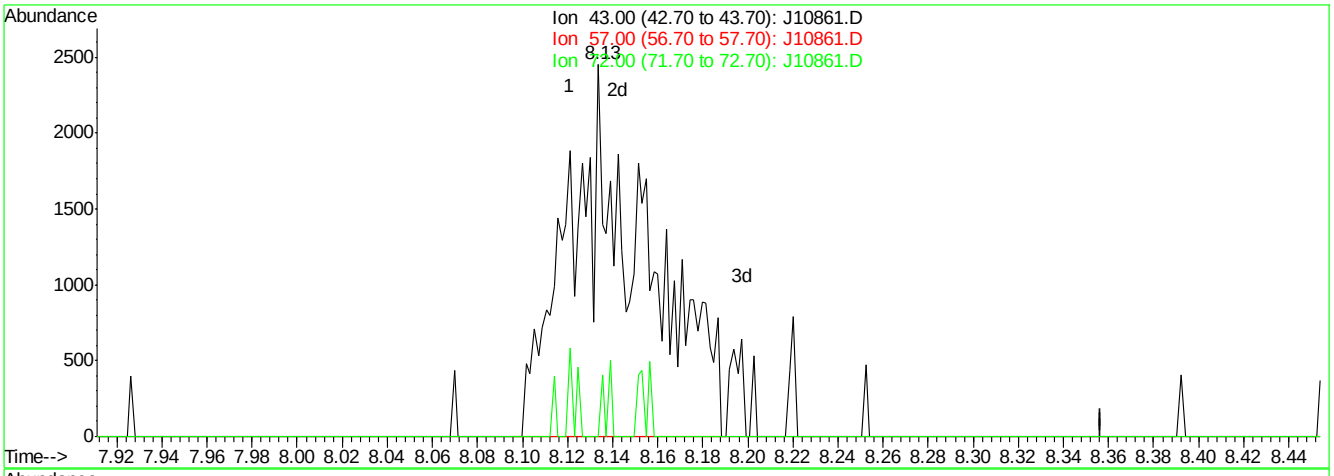
J10861.D J070507T.M Thu Jul 05 12:08:19 2007

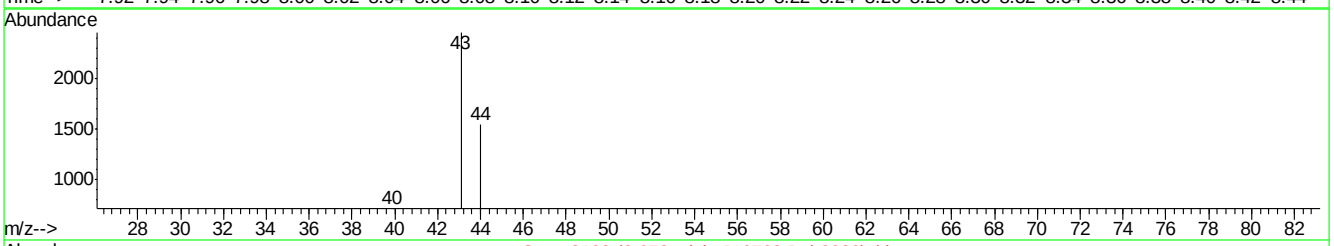
Quantitation Report (Qedit)

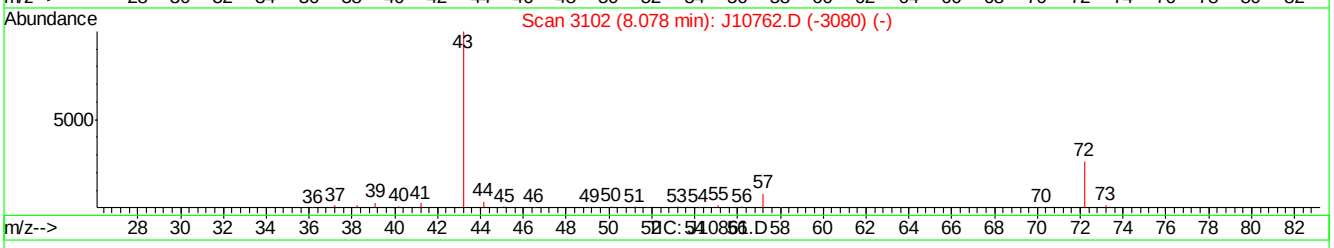
Data File : C:\MSDChem\1\data\J10861.D Vial: 1
Acq On : 5 Jul 2007 11:40 am Operator: danat
Sample : ic562-0.2 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 12:06:13 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(28) METHYL ETHYL KETONE (m)

8.13min 0.15PPBV m

response 5695

Ion	Exp%	Act%
43.00	100	100
57.00	8.00	0.00
72.00	26.40	0.00#
0.00	0.00	0.00

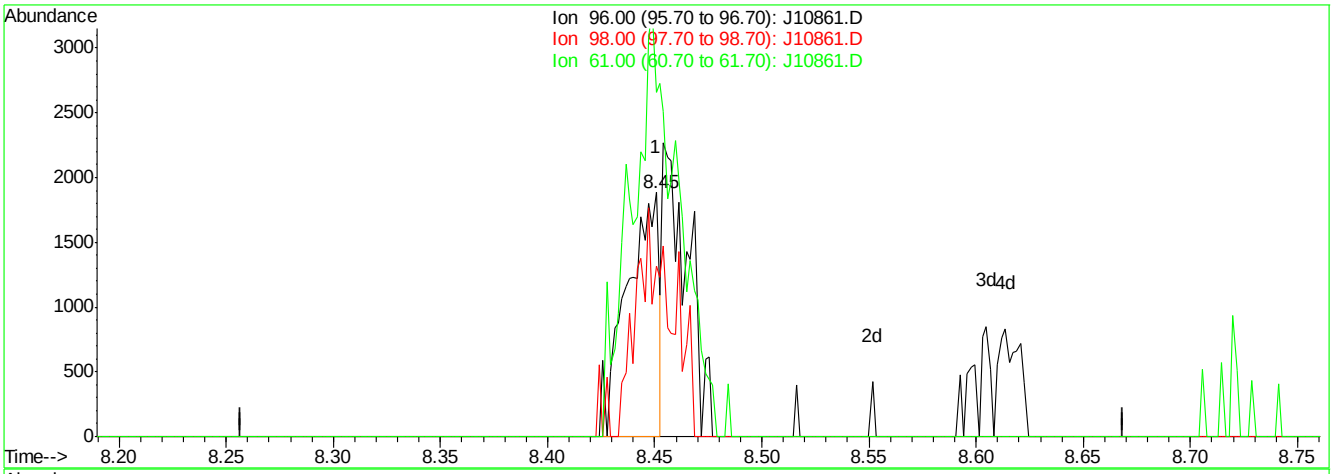
J10861.D J070507T.M Thu Jul 05 12:08:24 2007

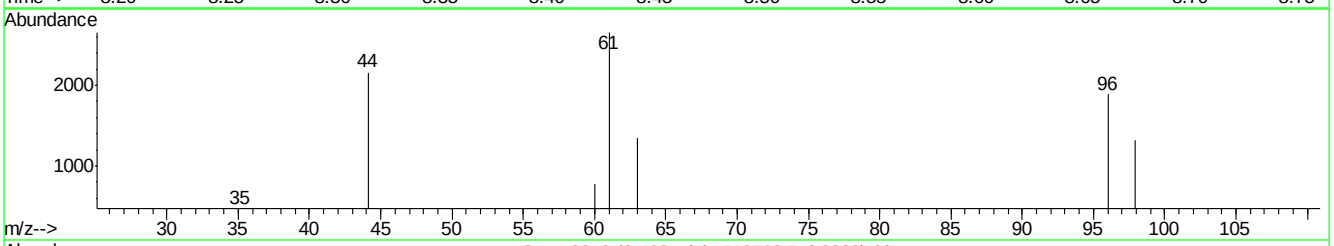
Quantitation Report (Qedit)

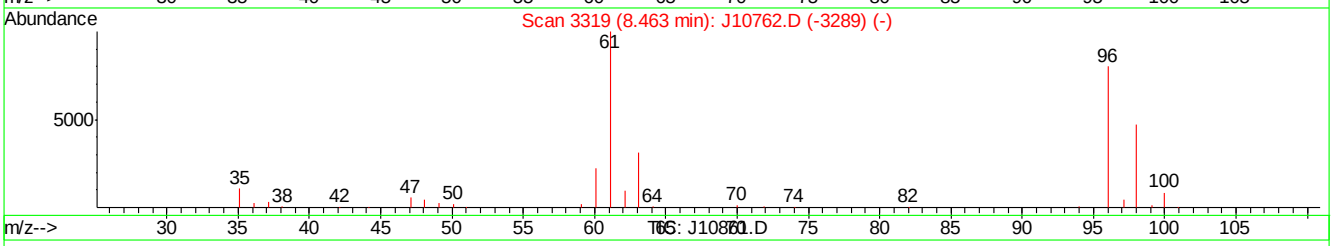
Data File : C:\MSDChem\1\data\J10861.D Vial: 1
Acq On : 5 Jul 2007 11:40 am Operator: danat
Sample : ic562-0.2 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 12:06:13 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







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

8.45min 0.07PPBV

response 1947

Ion	Exp%	Act%
96.00	100	100
98.00	64.90	103.85#
61.00	125.50	259.42#
0.00	0.00	0.00

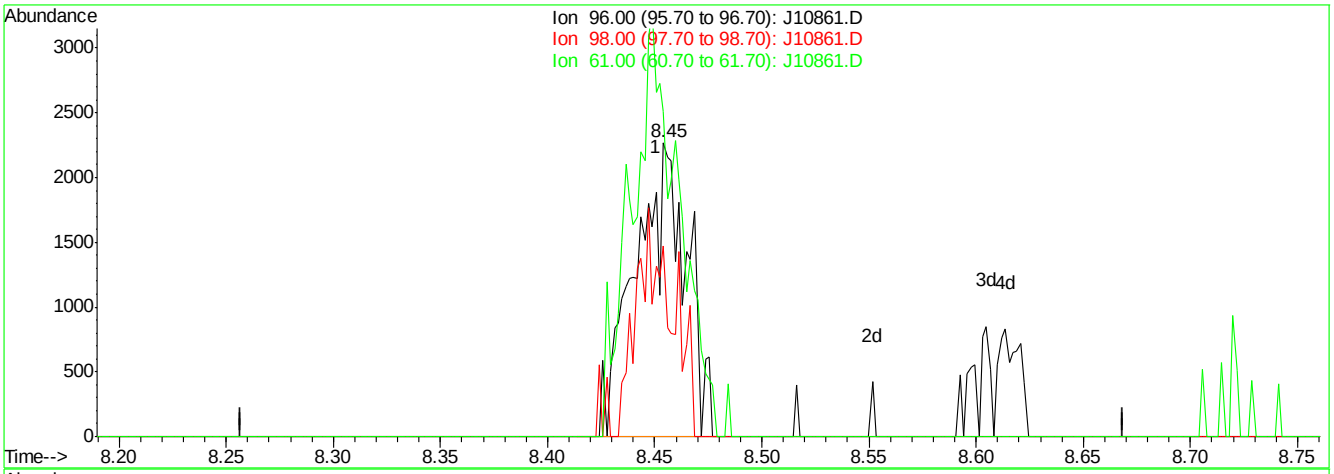
J10861.D J070507T.M Thu Jul 05 12:08:30 2007

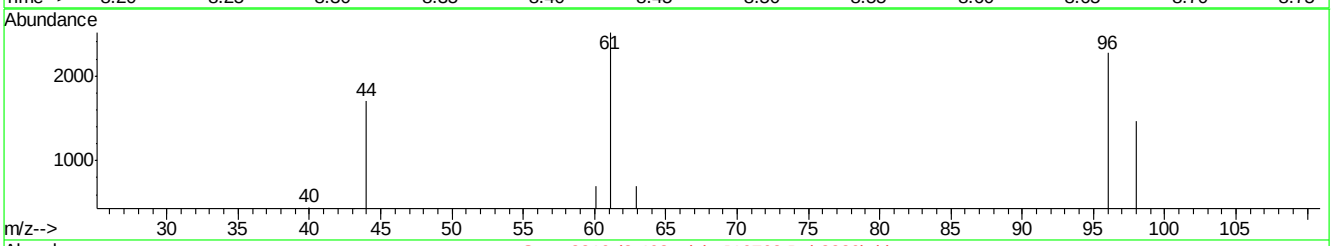
Quantitation Report (Qedit)

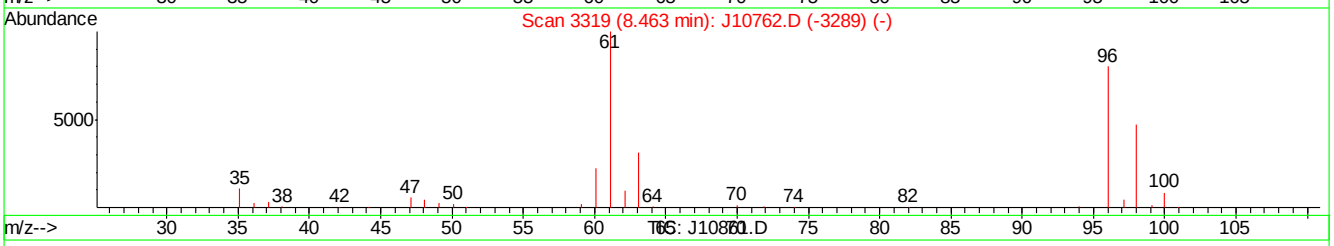
Data File : C:\MSDChem\1\data\J10861.D Vial: 1
Acq On : 5 Jul 2007 11:40 am Operator: danat
Sample : ic562-0.2 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 12:06:13 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







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

8.45min 0.14PPBV m

response 3794

Ion	Exp%	Act%
96.00	100	100
98.00	64.90	53.29
61.00	125.50	133.13
0.00	0.00	0.00

J10861.D J070507T.M Thu Jul 05 12:08:35 2007

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
07/11/07 09:41

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10863.D
Acq On : 5 Jul 2007 1:26 pm
Operator : danat
Sample : ic562-40 (M210)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 13:58:42 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 11:24:31 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	350136	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.45	114	1441648	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.70	117	1373333	10.00	PPBV	0.02
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.32	95	492873	5.68	PPBV	0.03
Spiked Amount 5.000	Range 51 - 142		Recovery = 113.60%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	4444007	35.65	PPBV	99
3) PROPYLENE	3.99	41	815972	44.50	PPBV	100
4) FREON 114	4.32	85	4101699	37.77	PPBV	98
5) CHLOROMETHANE	4.23	50	1068221	39.59	PPBV	97
6) VINYL CHLORIDE	4.44	62	1260210	40.71	PPBV	99
7) 1,3-BUTADIENE	4.57	39	995442	45.46	PPBV	96
8) BROMOMETHANE	4.85	94	1361965	38.79	PPBV	99
9) CHLOROETHANE	5.01	64	596148	41.60	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.78	101	4564557	34.85	PPBV	100
11) ISOPROPYL ALCOHOL	6.04	45	1543457m	38.89	PPBV	
12) ACETONE	5.64	43	1581089	23.31	PPBV	98
13) PENTANE	6.12	42	1150710	35.99	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.41	96	1386047	41.48	PPBV	99
15) CARBON DISULFIDE	6.83	76	3945499	38.93	PPBV	99
16) ETHANOL	5.23	45	276078	39.16	PPBV	87
17) BROMOETHENE	5.37	106	1382133	40.81	PPBV	99
18) METHYLENE CHLORIDE	6.53	84	1229697	19.57	PPBV	97
19) 3-CHLOROPROPENE	6.65	39	1373628	52.05	PPBV	89
20) FREON 113	6.77	151	2904178	35.42	PPBV	96
21) TRANS-1,2-DICHLOROETHYLENE	7.44	96	1377181	42.68	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.65	59	1955300m	44.82	PPBV	
23) METHYL TERTIARY BUTYL ETHE	7.72	73	2924308	43.75	PPBV	98
24) TETRAHYDROFURAN	9.17	42	964987	47.57	PPBV	98
25) HEXANE	8.62	57	1620784	39.94	PPBV	98
26) VINYL ACETATE	7.80	43	2065370	46.38	PPBV	98
27) 1,1-DICHLOROETHANE	7.65	63	2382057	42.28	PPBV	99
28) METHYL ETHYL KETONE	8.09	43	1890243	44.58	PPBV	95
29) cis-1,2-DICHLOROETHYLENE	8.45	96	1379003	44.82	PPBV	98
30) ETHYL ACETATE	8.70	43	2142500	48.89	PPBV	96
31) CHLOROFORM	8.75	83	3258334	41.25	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.68	97	3768097	41.18	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	4303561	37.98	PPBV	100
34) 1,2-DICHLOROETHANE	9.46	62	1920339	42.15	PPBV	99
36) BENZENE	10.13	78	3699200	54.81	PPBV	99
37) CYCLOHEXANE	10.36	84	1606095	49.10	PPBV	97
38) TRICHLOROETHYLENE	11.13	95	1903469	51.06	PPBV	100
39) 1,2-DICHLOROPROPANE	10.91	63	1202107	52.61	PPBV	96
40) BROMODICHLOROMETHANE	11.11	83	3256427	48.55	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.13	57	5986544	58.67	PPBV	98
42) 1,4-DIOXANE	11.20	88	646557	51.51	PPBV	94
43) HEPTANE	11.37	43	1890518	58.66	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10863.D
Acq On : 5 Jul 2007 1:26 pm
Operator : danat
Sample : ic562-40 (M210)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 13:58:42 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 11:24:31 2007
Response via : Initial Calibration

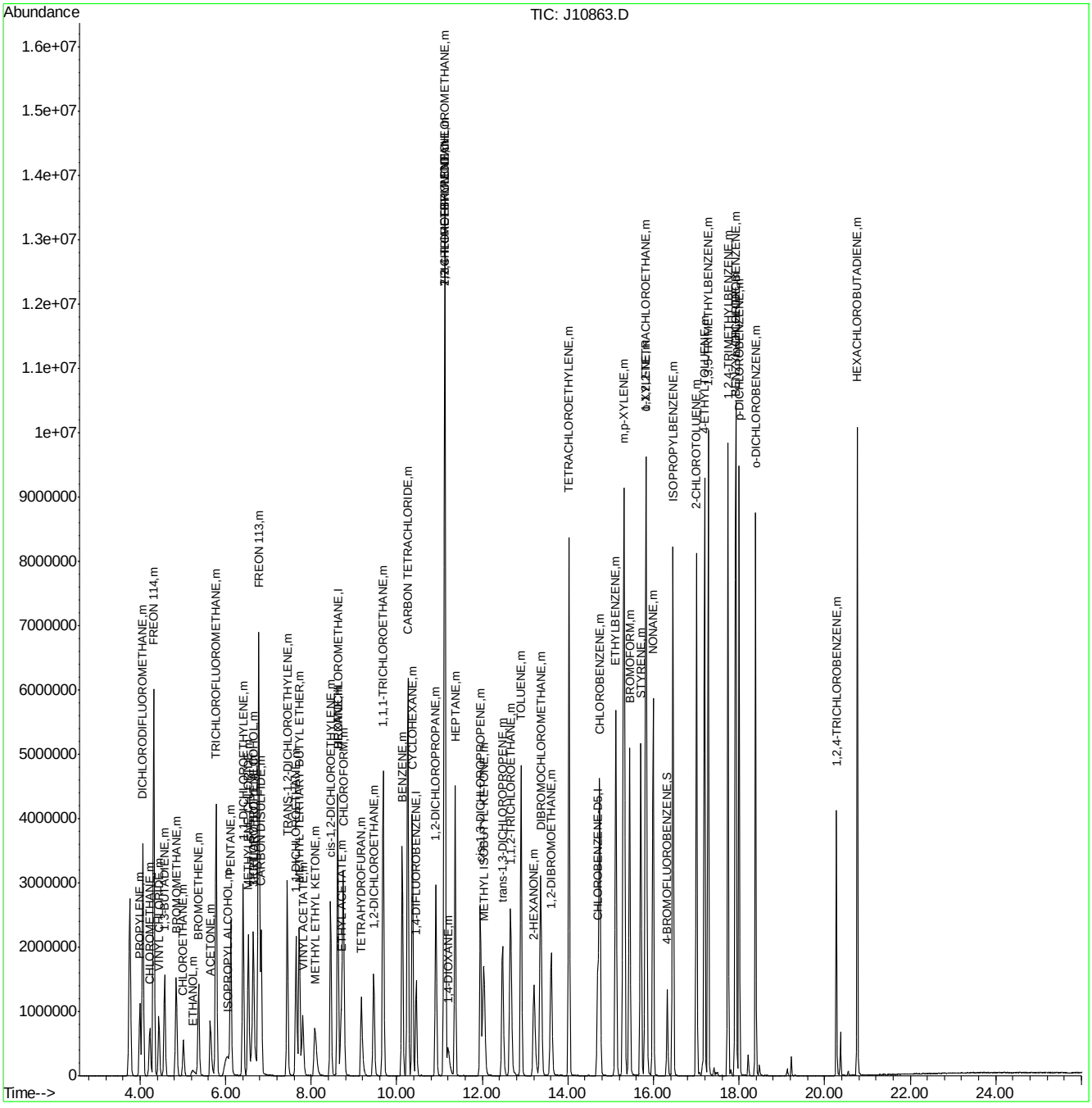
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.03	43	2305916	56.42	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.95	75	1815083	59.05	PPBV	96
46) TOLUENE	12.90	92	2637403	58.93	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.47	75	1814273	63.58	PPBV	97
48) 1,1,2-TRICHLOROETHANE	12.65	83	1219933	49.46	PPBV	99
50) 2-HEXANONE	13.21	43	1966322	59.45	PPBV	99
51) TETRACHLOROETHYLENE	14.03	164	2213972	48.65	PPBV	99
52) DIBROMOCHLOROMETHANE	13.36	129	3111378	45.75	PPBV	100
53) 1,2-DIBROMOETHANE	13.61	107	2306336	51.13	PPBV	100
54) CHLOROBENZENE	14.74	112	3586892	49.65	PPBV	100
55) ETHYLBENZENE	15.12	91	5764119	61.29	PPBV	100
56) m,p-XYLENE	15.31	106	4830541	124.27	PPBV	99
57) o-XYLENE	15.82	106	2433592	63.87	PPBV	99
58) STYRENE	15.70	104	3465000	75.07	PPBV	99
59) NONANE	15.99	43	2563975	57.85	PPBV	99
60) BROMOFORM	15.44	173	3253840m	49.55	PPBV	
62) 1,1,2,2-TETRACHLOROETHANE	15.83	83	3198938	55.02	PPBV	99
63) ISOPROPYLBENZENE	16.45	105	6811310	62.07	PPBV	100
64) 2-CHLOROTOLUENE	17.01	91	4871458	66.10	PPBV	99
65) 4-ETHYLTOLUENE	17.19	105	6684323	74.07	PPBV	100
66) 1,3,5-TRIMETHYLBENZENE	17.28	105	5920272	68.25	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.74	105	5542437	72.98	PPBV	99
68) m-DICHLOROBENZENE	17.93	146	4062798	70.10	PPBV	99
69) BENZYL CHLORIDE	17.91	91	3384523	74.10	PPBV	99
70) p-DICHLOROBENZENE	18.00	146	3828818	72.85	PPBV	99
71) o-DICHLOROBENZENE	18.39	146	3460186	66.68	PPBV	98
72) HEXACHLOROBUTADIENE	20.76	225	1703155	34.19	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.28	180	1097085	51.95	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10863.D
Acq On : 5 Jul 2007 1:26 pm
Operator : danat
Sample : ic562-40 (M210)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 13:58:42 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 11:24:31 2007
Response via : Initial Calibration



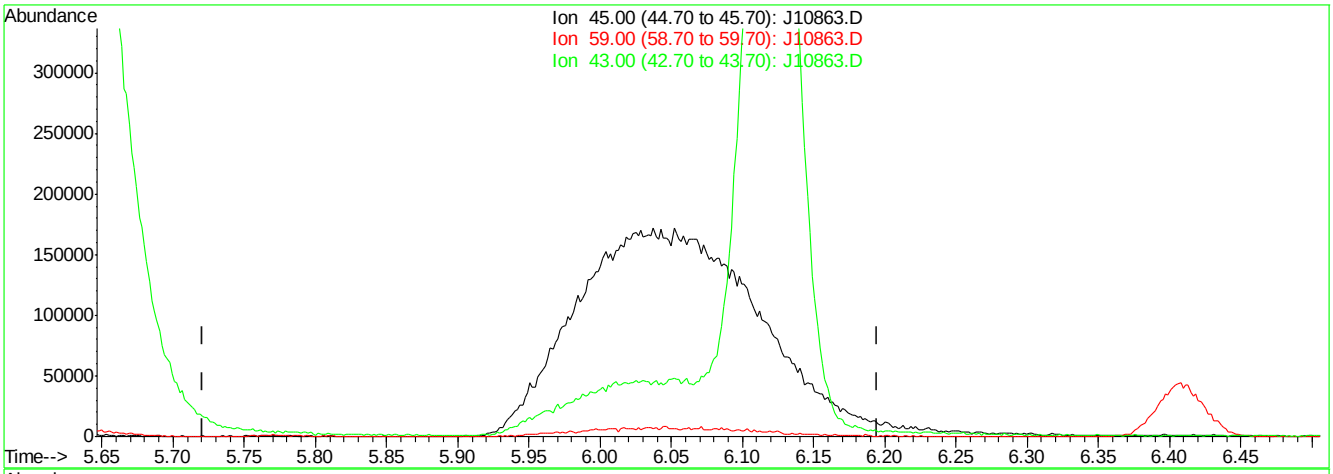
ACCUTEST Laboratories
M68147

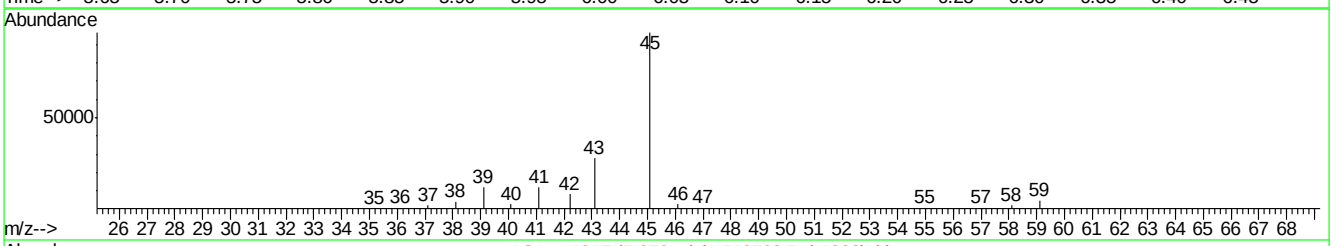
Quantitation Report (Qedit)

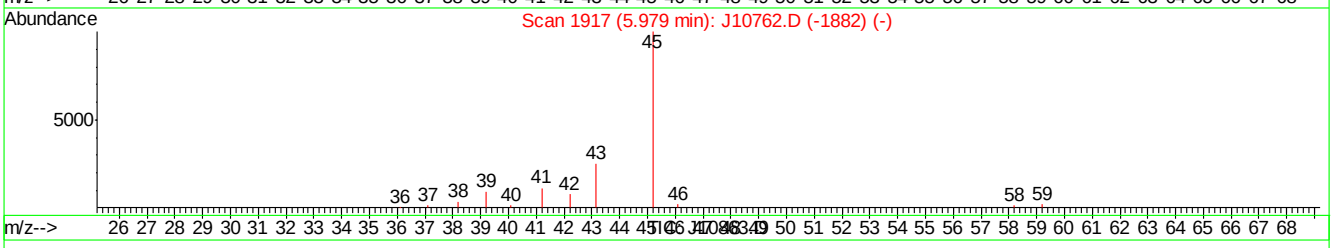
Data File : C:\MSDChem\1\data\J10863.D Vial: 1
Acq On : 5 Jul 2007 1:26 pm Operator: danat
Sample : ic562-40 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 13:56:42 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

5.98min 0.00PPBV

response 0

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

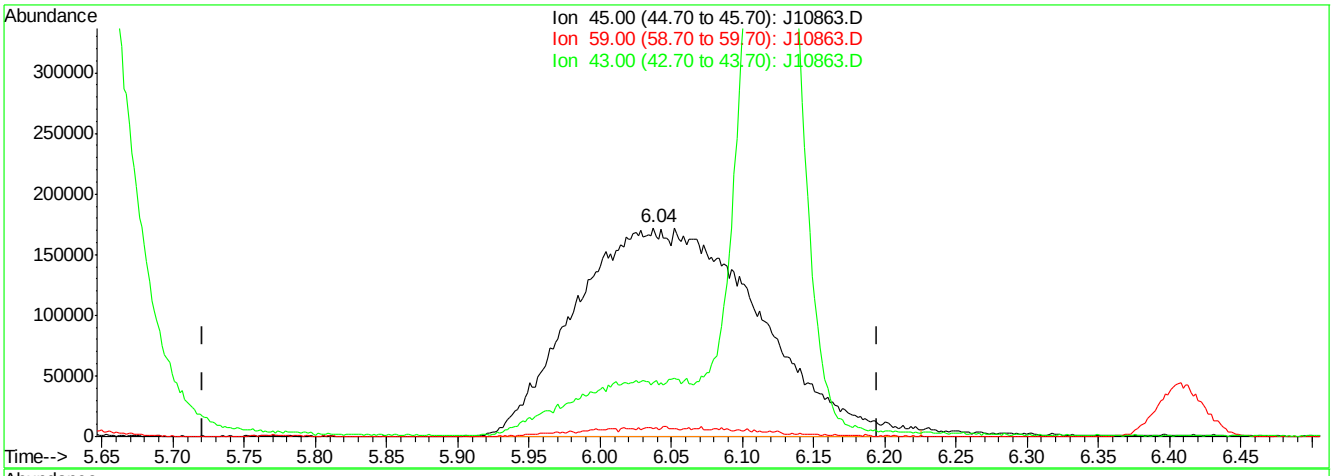
J10863.D J070507T.M Thu Jul 05 13:57:14 2007

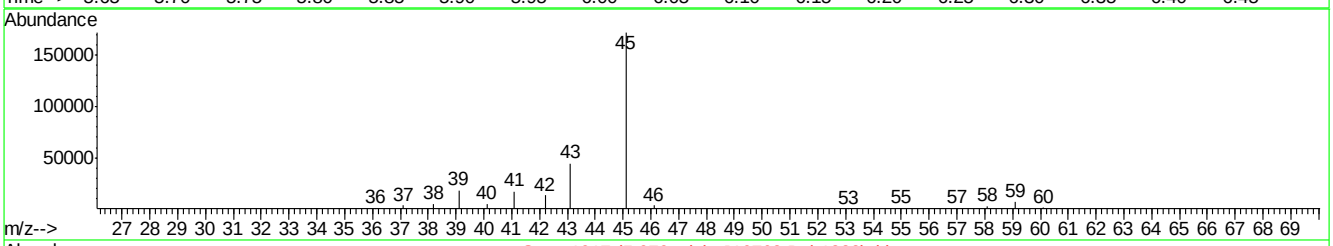
Quantitation Report (Qedit)

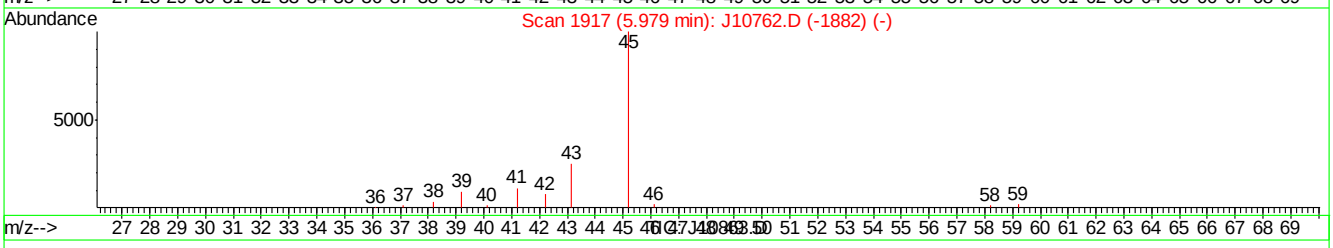
Data File : C:\MSDChem\1\data\J10863.D Vial: 1
Acq On : 5 Jul 2007 1:26 pm Operator: danat
Sample : ic562-40 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 13:56:42 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.04min 38.89PPBV m

response 1543457

Ion	Exp%	Act%
45.00	100	100
59.00	2.20	4.03
43.00	25.50	25.95
0.00	0.00	0.00

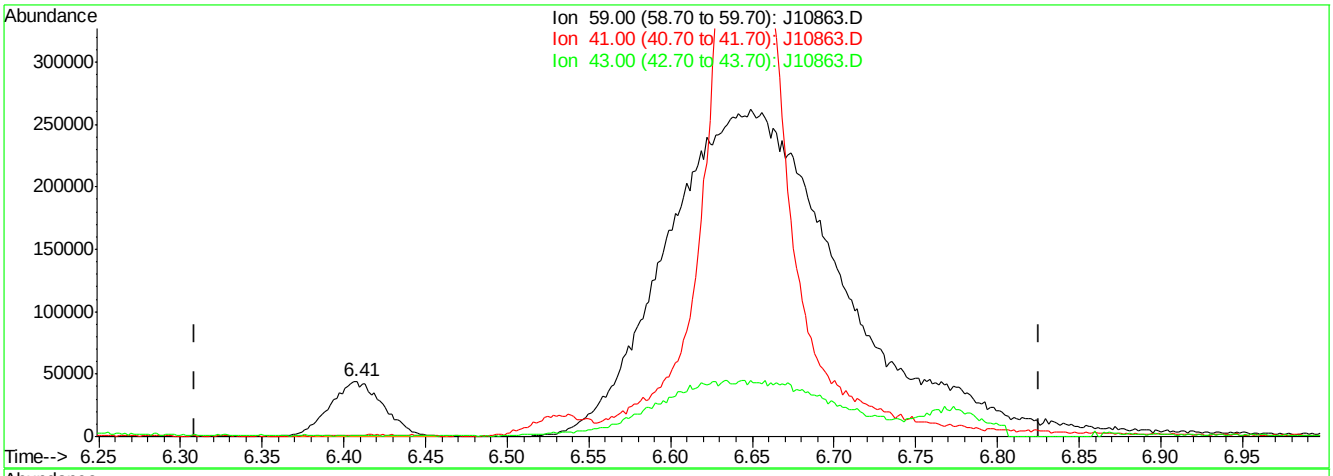
J10863.D J070507T.M Thu Jul 05 13:57:20 2007

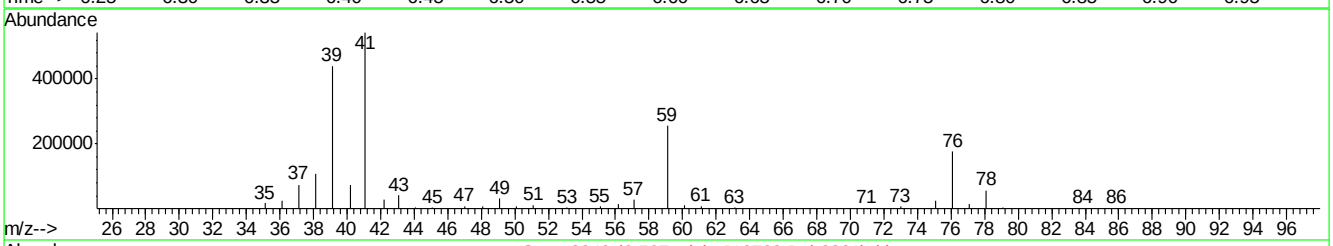
Quantitation Report (Qedit)

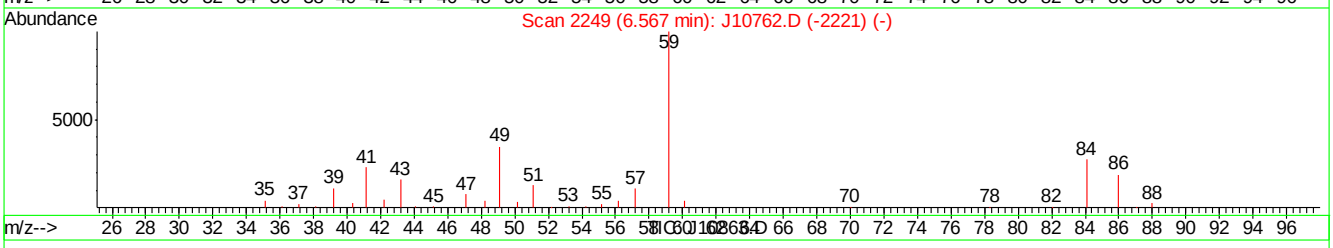
Data File : C:\MSDChem\1\data\J10863.D Vial: 1
Acq On : 5 Jul 2007 1:26 pm Operator: danat
Sample : ic562-40 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 13:56:42 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(22) TERTIARY BUTYL ALCOHOL (m)

6.41min 2.31PPBV

response 100889

Ion	Exp%	Act%
59.00	100	100
41.00	22.00	0.00#
43.00	17.20	0.00
0.00	0.00	0.00

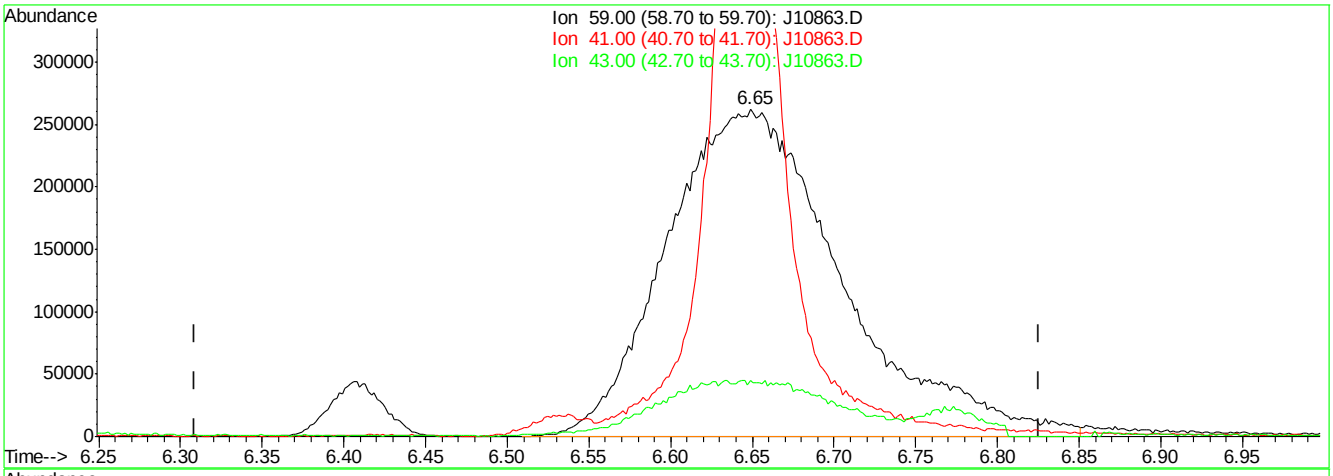
J10863.D J070507T.M Thu Jul 05 13:57:43 2007

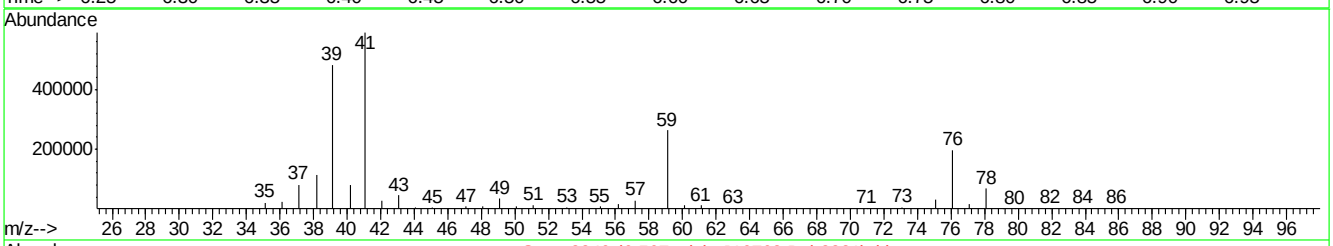
Quantitation Report (Qedit)

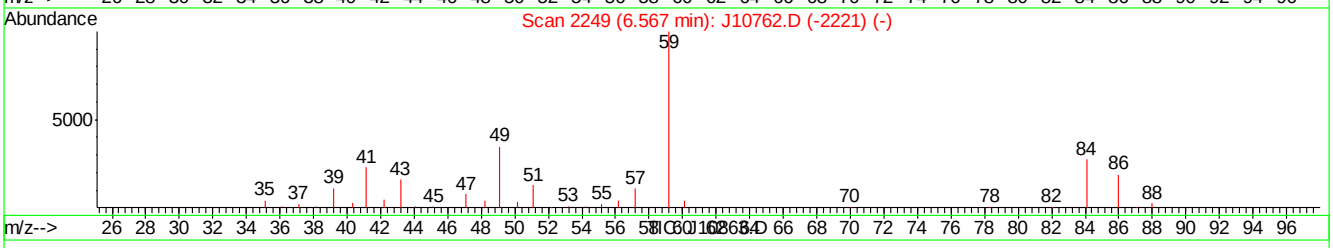
Data File : C:\MSDChem\1\data\J10863.D Vial: 1
Acq On : 5 Jul 2007 1:26 pm Operator: danat
Sample : ic562-40 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 13:56:42 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(22) TERTIARY BUTYL ALCOHOL (m)

6.65min 44.82PPBV m

response 1955300

Ion	Exp%	Act%
59.00	100	100
41.00	22.00	0.00#
43.00	17.20	0.00
0.00	0.00	0.00

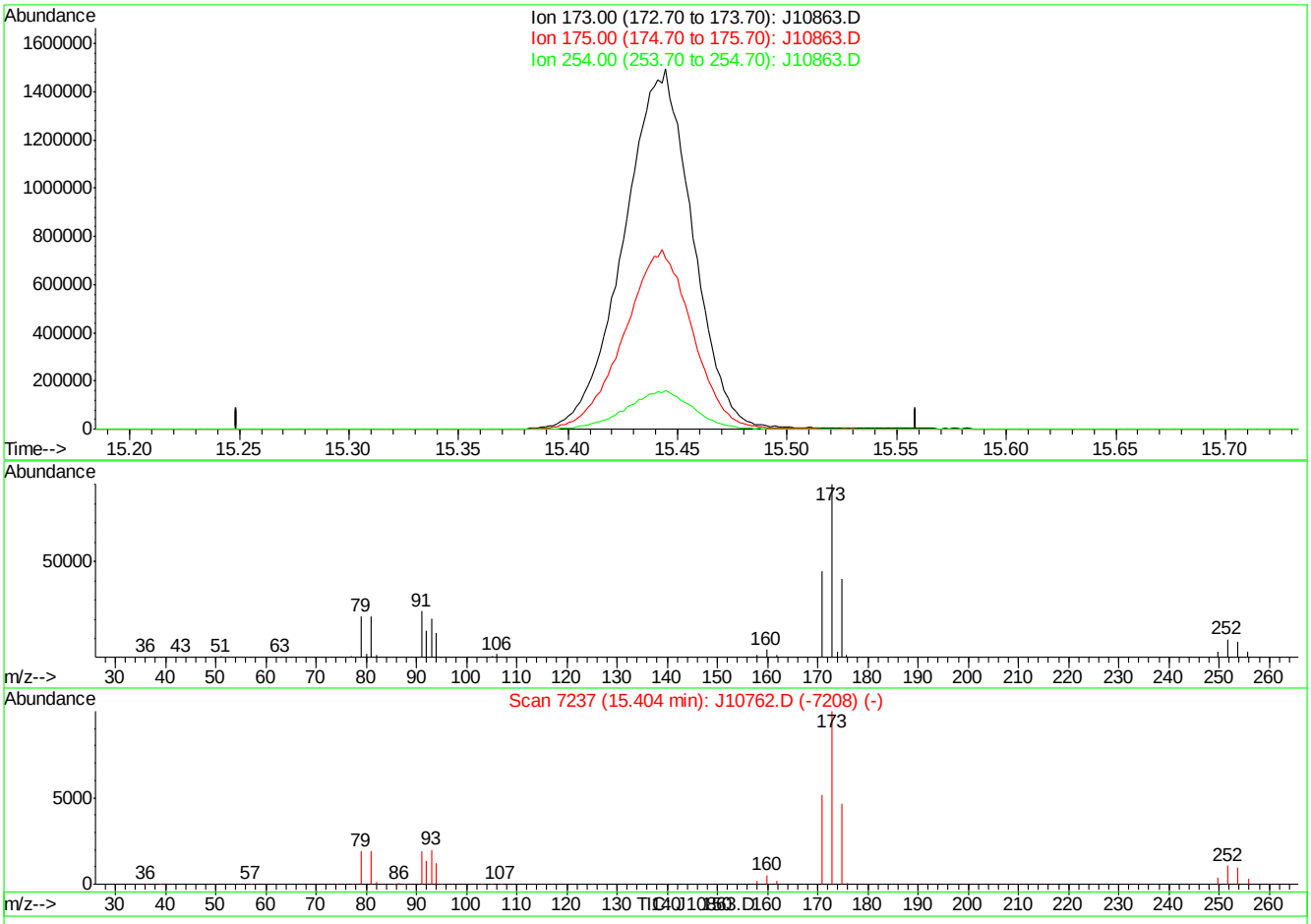
J10863.D J070507T.M Thu Jul 05 13:57:49 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10863.D Vial: 1
Acq On : 5 Jul 2007 1:26 pm Operator: danat
Sample : ic562-40 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 13:56:42 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration



(60) BROMOFORM (m)

15.40min 0.00PPBV

response 0

Ion	Exp%	Act%
173.00	100	0.00
175.00	49.10	0.00#
254.00	9.90	0.00
0.00	0.00	0.00

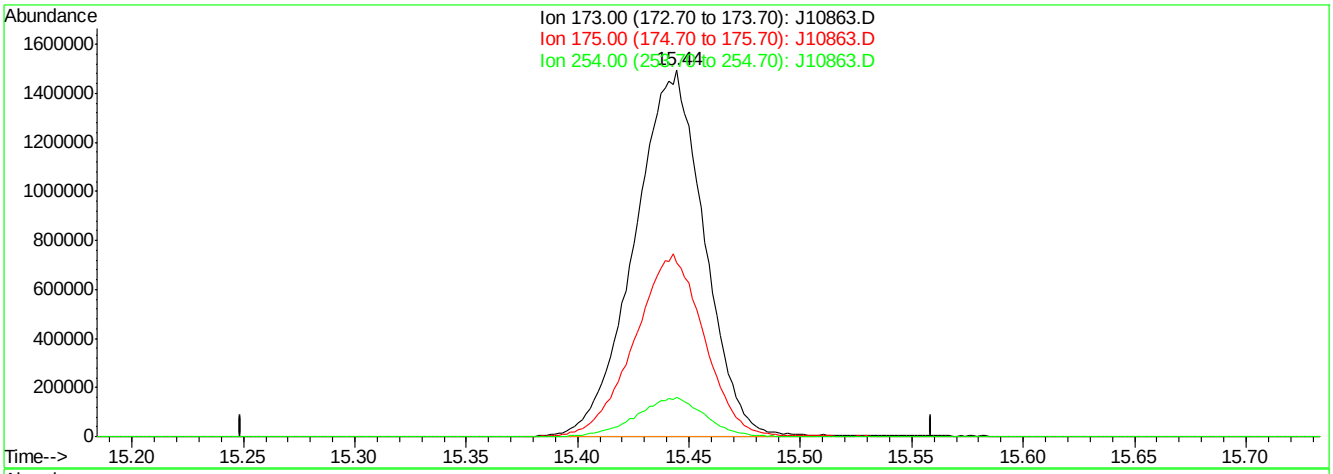
J10863.D J070507T.M Thu Jul 05 13:58:23 2007

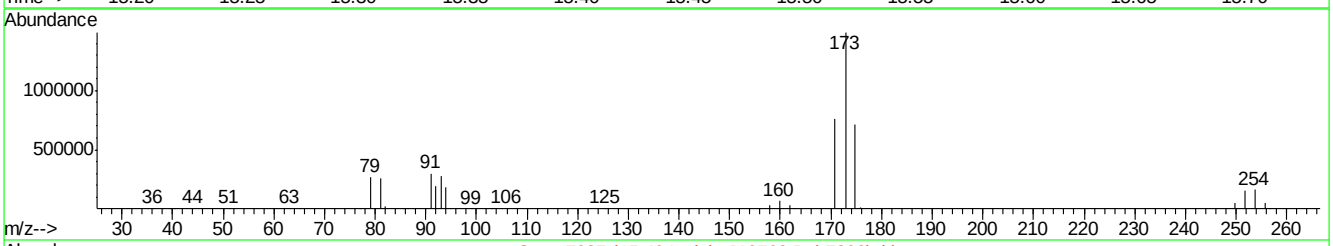
Quantitation Report (Qedit)

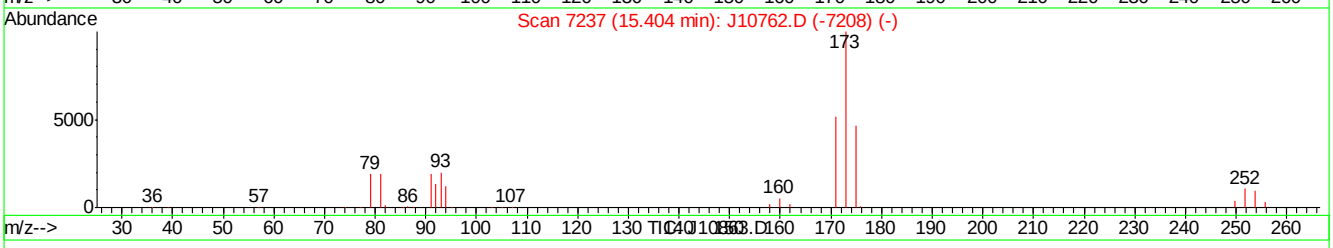
Data File : C:\MSDChem\1\data\J10863.D Vial: 1
Acq On : 5 Jul 2007 1:26 pm Operator: danat
Sample : ic562-40 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 13:56:42 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(60) BROMOFORM (m)

15.44min 49.55PPBV m

response 3253840

Ion	Exp%	Act%
173.00	100	100
175.00	49.10	0.00#
254.00	9.90	0.00
0.00	0.00	0.00

J10863.D J070507T.M Thu Jul 05 13:58:29 2007

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 07/11/07 09:41

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10864.D
Acq On : 5 Jul 2007 2:22 pm
Operator : danat
Sample : ic562-20 (M210)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 15:04:41 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 11:24:31 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.60	128	365307	10.00	PPBV	-0.02
35) 1,4-DIFLUOROBENZENE	10.43	114	1518441	10.00	PPBV	-0.01
49) CHLOROBENZENE-D5	14.68	117	1386139m	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.31	95	477430	5.45	PPBV	0.01
Spiked Amount 5.000	Range 51 - 142		Recovery = 109.00%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	1535648	11.81	PPBV	100
3) PROPYLENE	3.99	41	268055	14.01	PPBV	97
4) FREON 114	4.31	85	1434256	12.66	PPBV	97
5) CHLOROMETHANE	4.22	50	348958	12.40	PPBV	97
6) VINYL CHLORIDE	4.44	62	439116	13.60	PPBV	94
7) 1,3-BUTADIENE	4.57	39	352245	15.42	PPBV	100
8) BROMOMETHANE	4.84	94	646187	17.64	PPBV	99
9) CHLOROETHANE	5.01	64	278465	18.62	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.77	101	2228889	16.31	PPBV	99
11) ISOPROPYL ALCOHOL	5.97	45	785813m	18.98	PPBV	
12) ACETONE	5.63	43	740790	10.47	PPBV	98
13) PENTANE	6.11	42	545201	16.34	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.40	96	706399	20.26	PPBV	99
15) CARBON DISULFIDE	6.82	76	2008630	18.99	PPBV	99
16) ETHANOL	5.21	45	130953	17.80	PPBV	95
17) BROMOETHENE	5.36	106	678826	19.21	PPBV	99
18) METHYLENE CHLORIDE	6.52	84	611385	9.33	PPBV	98
19) 3-CHLOROPROPENE	6.63	39	577004	20.95	PPBV	94
20) FREON 113	6.76	151	1434964	16.78	PPBV	96
21) TRANS-1,2-DICHLOROETHYLENE	7.43	96	699399	20.78	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.57	59	1036086	22.77	PPBV	93
23) METHYL TERTIARY BUTYL ETHE	7.70	73	1492765	21.41	PPBV	99
24) TETRAHYDROFURAN	9.15	42	477644	22.57	PPBV	99
25) HEXANE	8.61	57	796209	18.81	PPBV	97
26) VINYL ACETATE	7.78	43	992991	21.37	PPBV	98
27) 1,1-DICHLOROETHANE	7.63	63	1140494	19.40	PPBV	100
28) METHYL ETHYL KETONE	8.06	43	923256	20.87	PPBV	97
29) cis-1,2-DICHLOROETHYLENE	8.44	96	675636	21.05	PPBV	99
30) ETHYL ACETATE	8.68	43	1037724	22.70	PPBV	96
31) CHLOROFORM	8.73	83	1579562	19.17	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.67	97	1761768	18.45	PPBV	100
33) CARBON TETRACHLORIDE	10.24	117	2090440	17.68	PPBV	99
34) 1,2-DICHLOROETHANE	9.44	62	909960	19.14	PPBV	99
36) BENZENE	10.11	78	1699563	23.91	PPBV	99
37) CYCLOHEXANE	10.35	84	783977	22.75	PPBV	98
38) TRICHLOROETHYLENE	11.11	95	863825	22.00	PPBV	99
39) 1,2-DICHLOROPROPANE	10.89	63	540869	22.47	PPBV	96
40) BROMODICHLOROMETHANE	11.08	83	1484426	21.01	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.11	57	2748943	25.58	PPBV	99
42) 1,4-DIOXANE	11.17	88	315947	23.90	PPBV	94
43) HEPTANE	11.35	43	865260	25.49	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10864.D
Acq On : 5 Jul 2007 2:22 pm
Operator : danat
Sample : ic562-20 (M210)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 15:04:41 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 11:24:31 2007
Response via : Initial Calibration

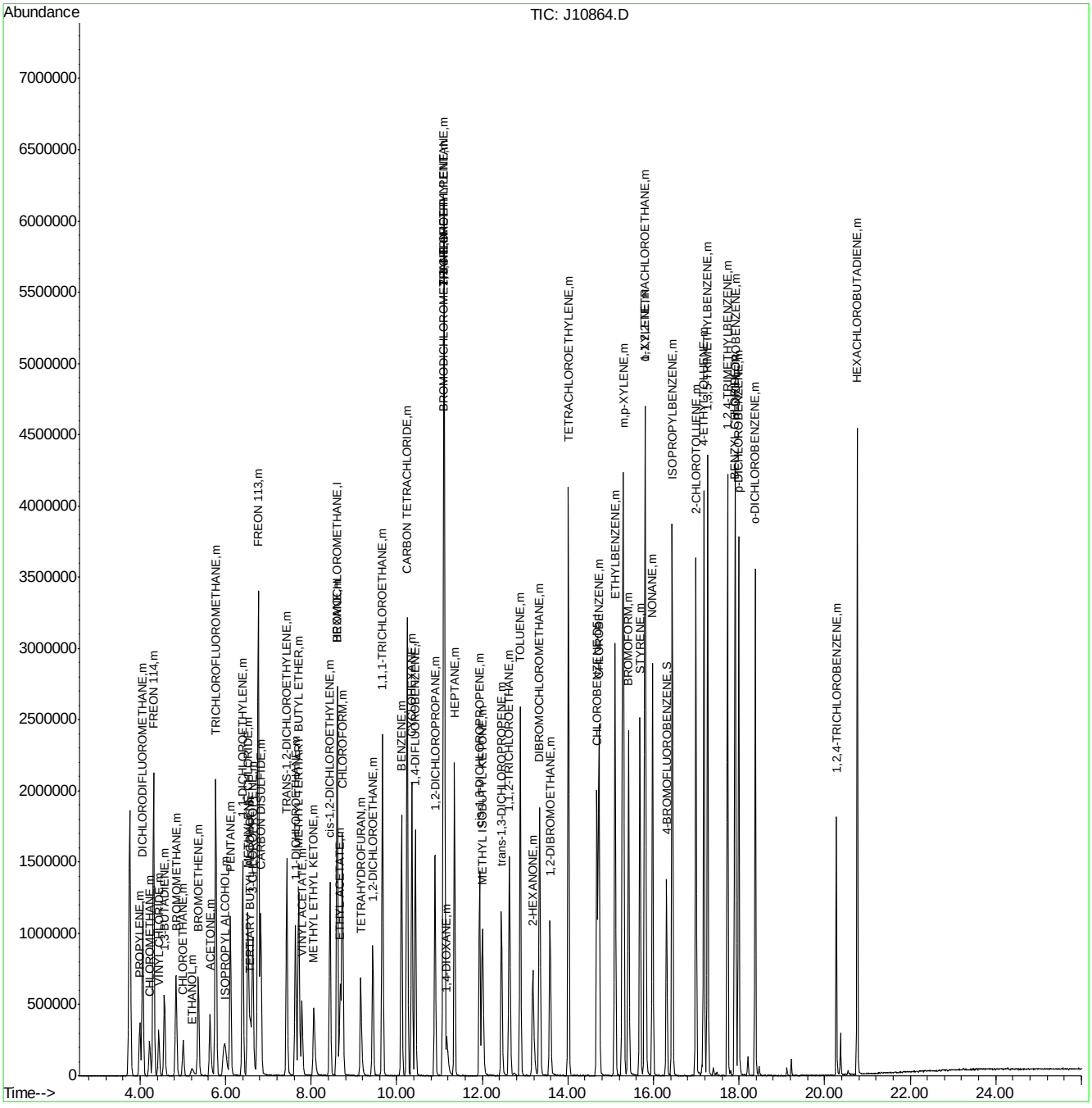
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.00	43	1043161	24.23	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.93	75	842953	26.03	PPBV	98
46) TOLUENE	12.89	92	1184576	25.13	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.45	75	814312m	27.09	PPBV	
48) 1,1,2-TRICHLOROETHANE	12.63	83	554837	21.36	PPBV	100
50) 2-HEXANONE	13.18	43	879787	26.35	PPBV	99
51) TETRACHLOROETHYLENE	14.01	164	977744	21.29	PPBV	99
52) DIBROMOCHLOROMETHANE	13.34	129	1454965	21.19	PPBV	100
53) 1,2-DIBROMOETHANE	13.58	107	1049086	23.04	PPBV	100
54) CHLOROBENZENE	14.72	112	1608101	22.05	PPBV	98
55) ETHYLBENZENE	15.10	91	2583679	27.22	PPBV	100
56) m,p-XYLENE	15.29	106	2122882	54.11	PPBV	100
57) o-XYLENE	15.80	106	1058229	27.52	PPBV	99
58) STYRENE	15.68	104	1486315	31.90	PPBV	99
59) NONANE	15.98	43	1127032	25.19	PPBV	99
60) BROMOFORM	15.42	173	1435182m	21.65	PPBV	
62) 1,1,2,2-TETRACHLOROETHANE	15.81	83	1397530m	23.81	PPBV	
63) ISOPROPYLBENZENE	16.44	105	2993529m	27.03	PPBV	
64) 2-CHLOROTOLUENE	16.99	91	2109180	28.35	PPBV	98
65) 4-ETHYLTOLUENE	17.18	105	2774205m	30.46	PPBV	
66) 1,3,5-TRIMETHYLBENZENE	17.27	105	2505745	28.62	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	2269340	29.61	PPBV	99
68) m-DICHLOROBENZENE	17.91	146	1619644	27.69	PPBV	99
69) BENZYL CHLORIDE	17.90	91	1347521	29.23	PPBV	99
70) p-DICHLOROBENZENE	17.99	146	1532314	28.89	PPBV	100
71) o-DICHLOROBENZENE	18.38	146	1380046	26.35	PPBV	98
72) HEXACHLOROBUTADIENE	20.76	225	763310	15.18	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	477031	22.38	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10864.D
Acq On : 5 Jul 2007 2:22 pm
Operator : danat
Sample : ic562-20 (M210)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 15:04:41 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 11:24:31 2007
Response via : Initial Calibration

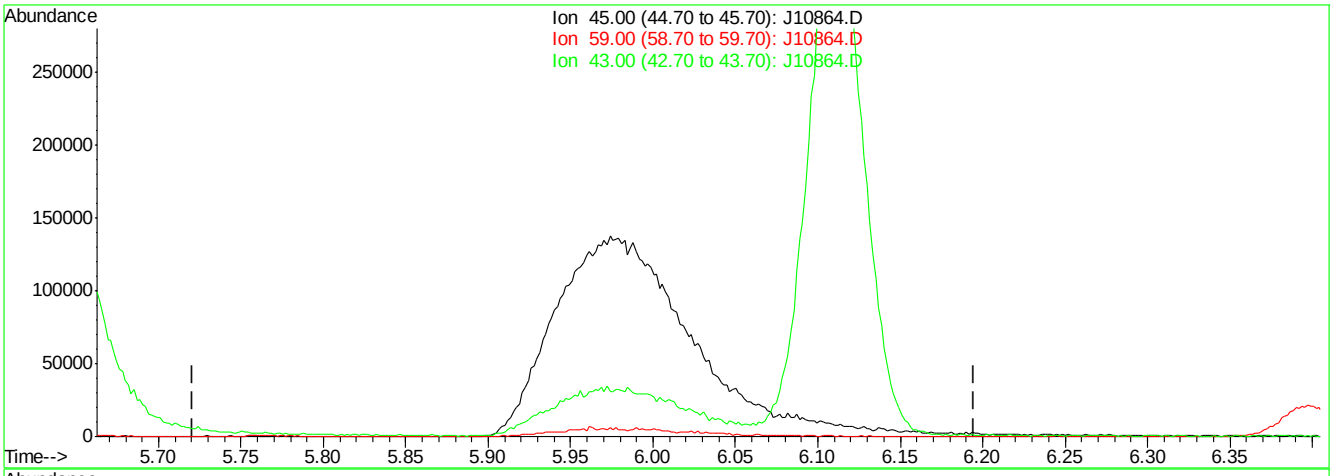


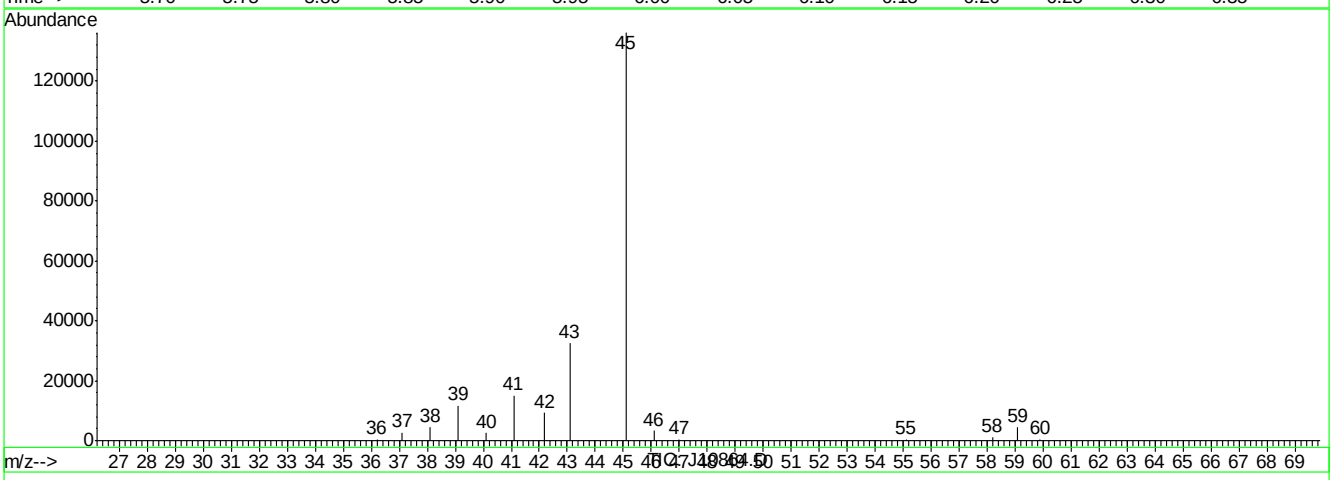
Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10864.D Vial: 1
Acq On : 5 Jul 2007 2:22 pm Operator: danat
Sample : ic562-20 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 15:00:43 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration





(11) ISOPROPYL ALCOHOL (m)

5.98min 0.00PPBV

response 0

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

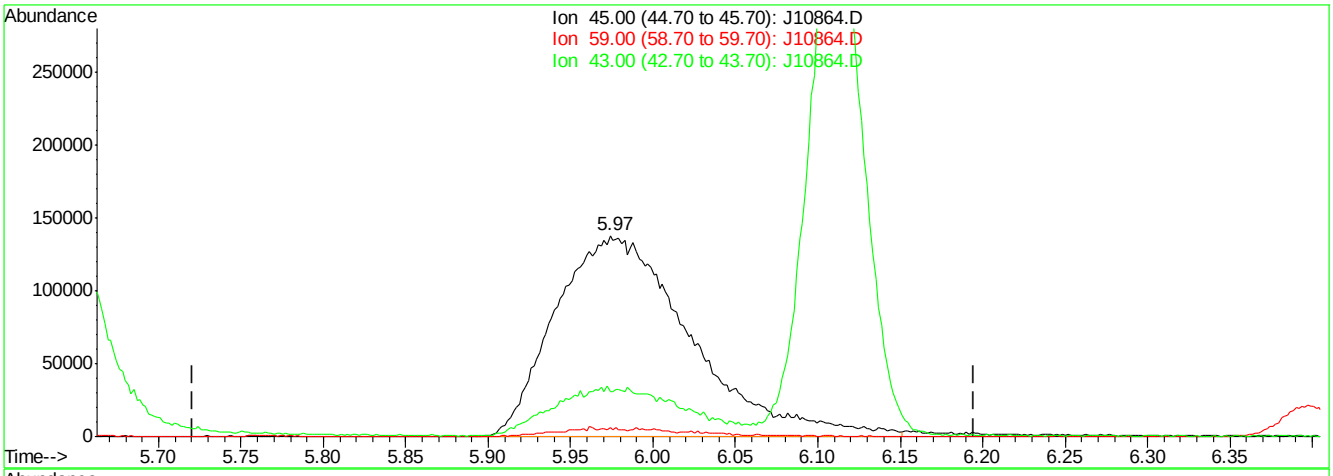
J10864.D J070507T.M Thu Jul 05 15:01:08 2007

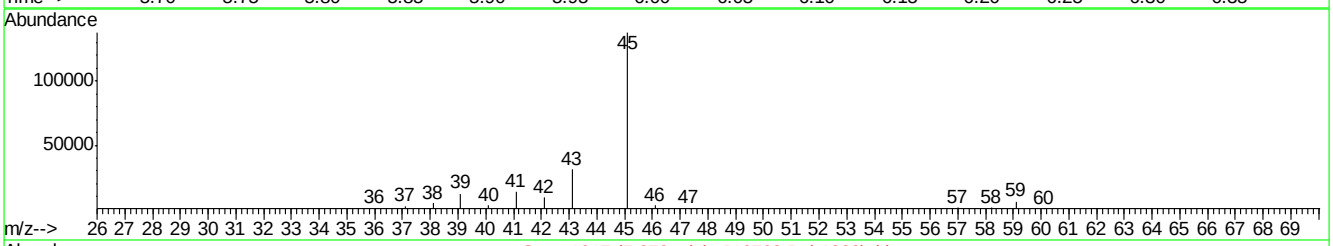
Quantitation Report (Qedit)

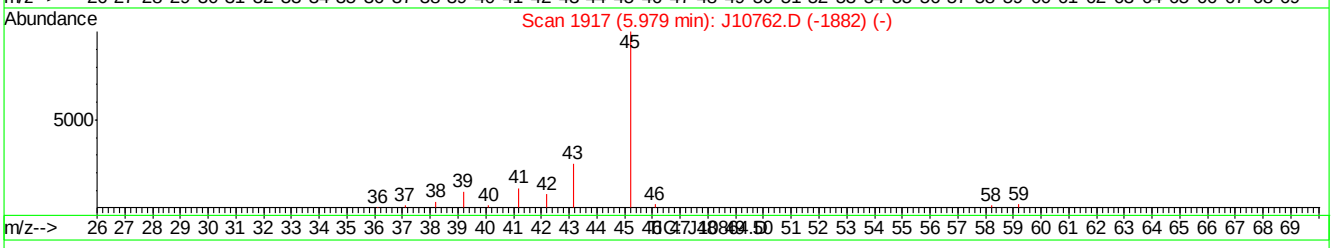
Data File : C:\MSDChem\1\data\J10864.D Vial: 1
Acq On : 5 Jul 2007 2:22 pm Operator: danat
Sample : ic562-20 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 15:00:43 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

5.97min 18.98PPBV m

response 785813

Ion	Exp%	Act%
45.00	100	100
59.00	2.20	4.33
43.00	25.50	22.47
0.00	0.00	0.00

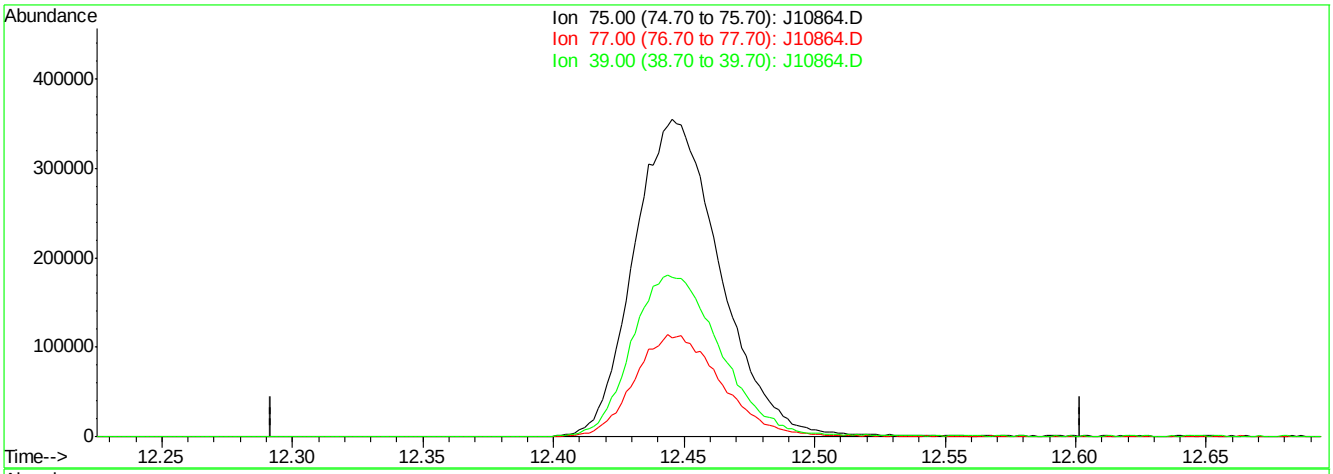
J10864.D J070507T.M Thu Jul 05 15:01:16 2007

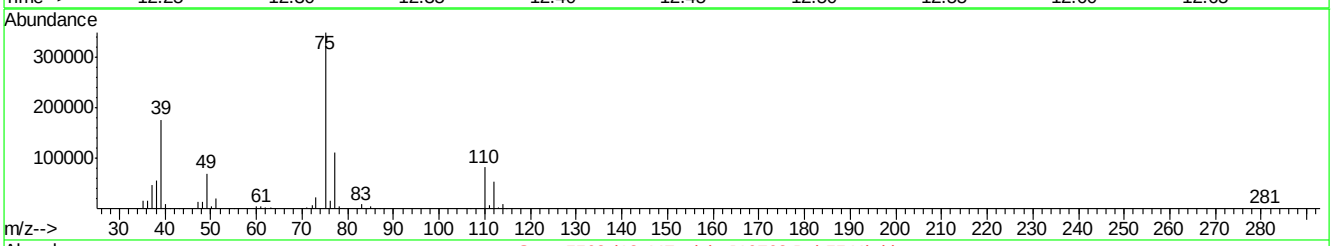
Quantitation Report (Qedit)

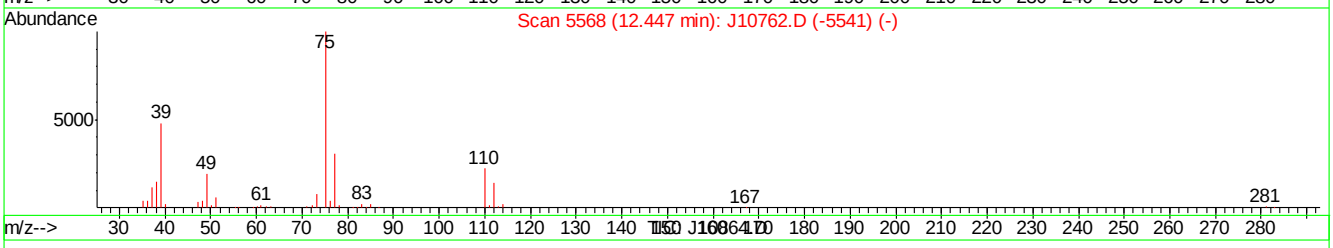
Data File : C:\MSDChem\1\data\J10864.D Vial: 1
Acq On : 5 Jul 2007 2:22 pm Operator: danat
Sample : ic562-20 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 15:00:43 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(47) trans-1,3-DICHLOROPROPENE (m)

12.45min 0.00PPBV

response 0

Ion	Exp%	Act%
75.00	100	0.00
77.00	32.00	0.00#
39.00	49.20	0.00#
0.00	0.00	0.00

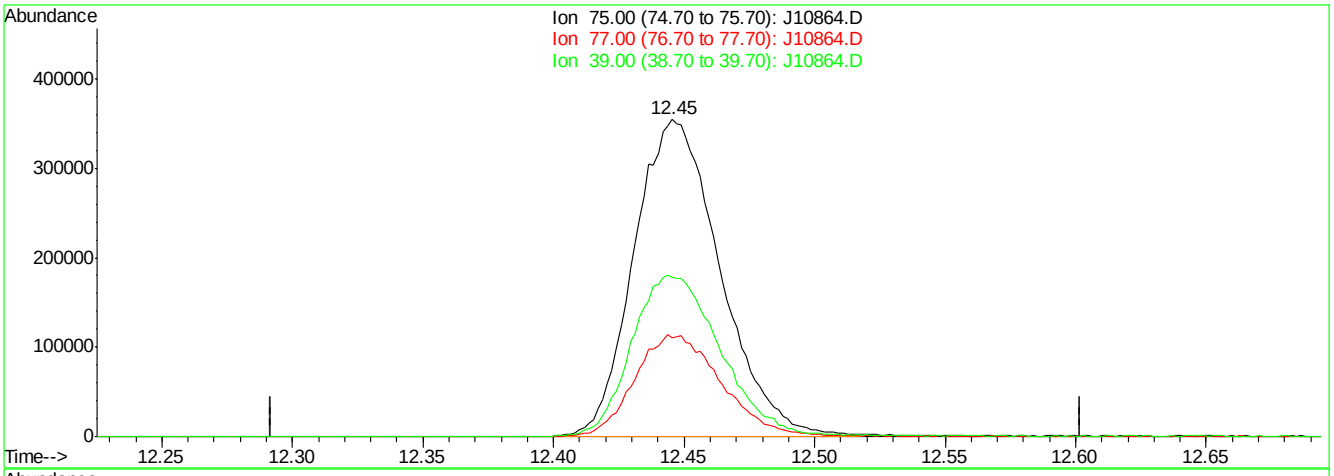
J10864.D J070507T.M Thu Jul 05 15:01:49 2007

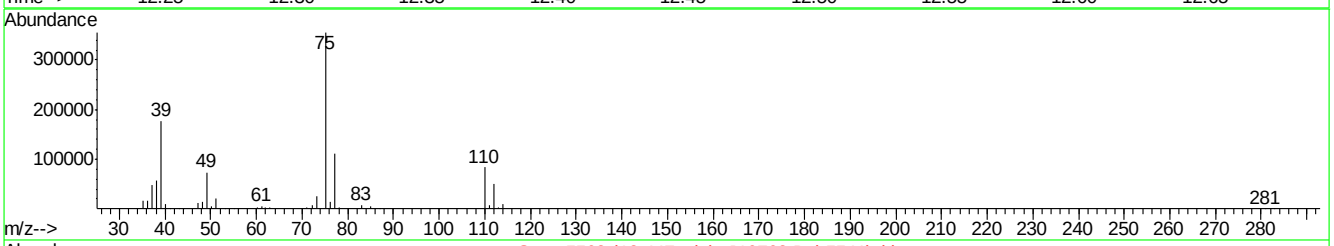
Quantitation Report (Qedit)

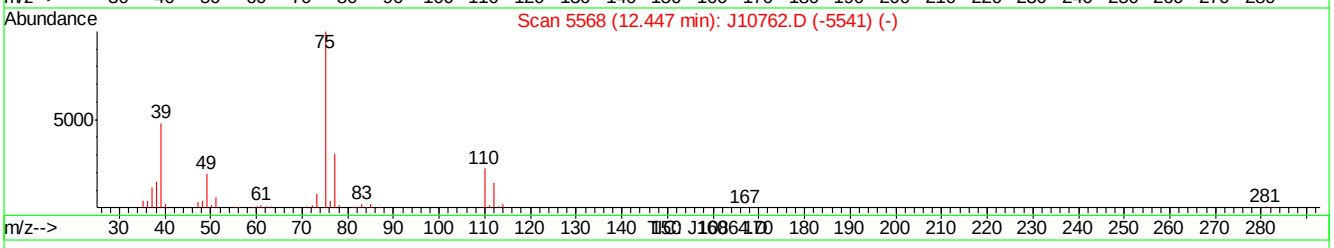
Data File : C:\MSDChem\1\data\J10864.D Vial: 1
Acq On : 5 Jul 2007 2:22 pm Operator: danat
Sample : ic562-20 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 15:00:43 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(47) trans-1,3-DICHLOROPROPENE (m)

12.45min 27.09PPBV m

response 814312

Ion	Exp%	Act%
75.00	100	100
77.00	32.00	0.00#
39.00	49.20	0.00#
0.00	0.00	0.00

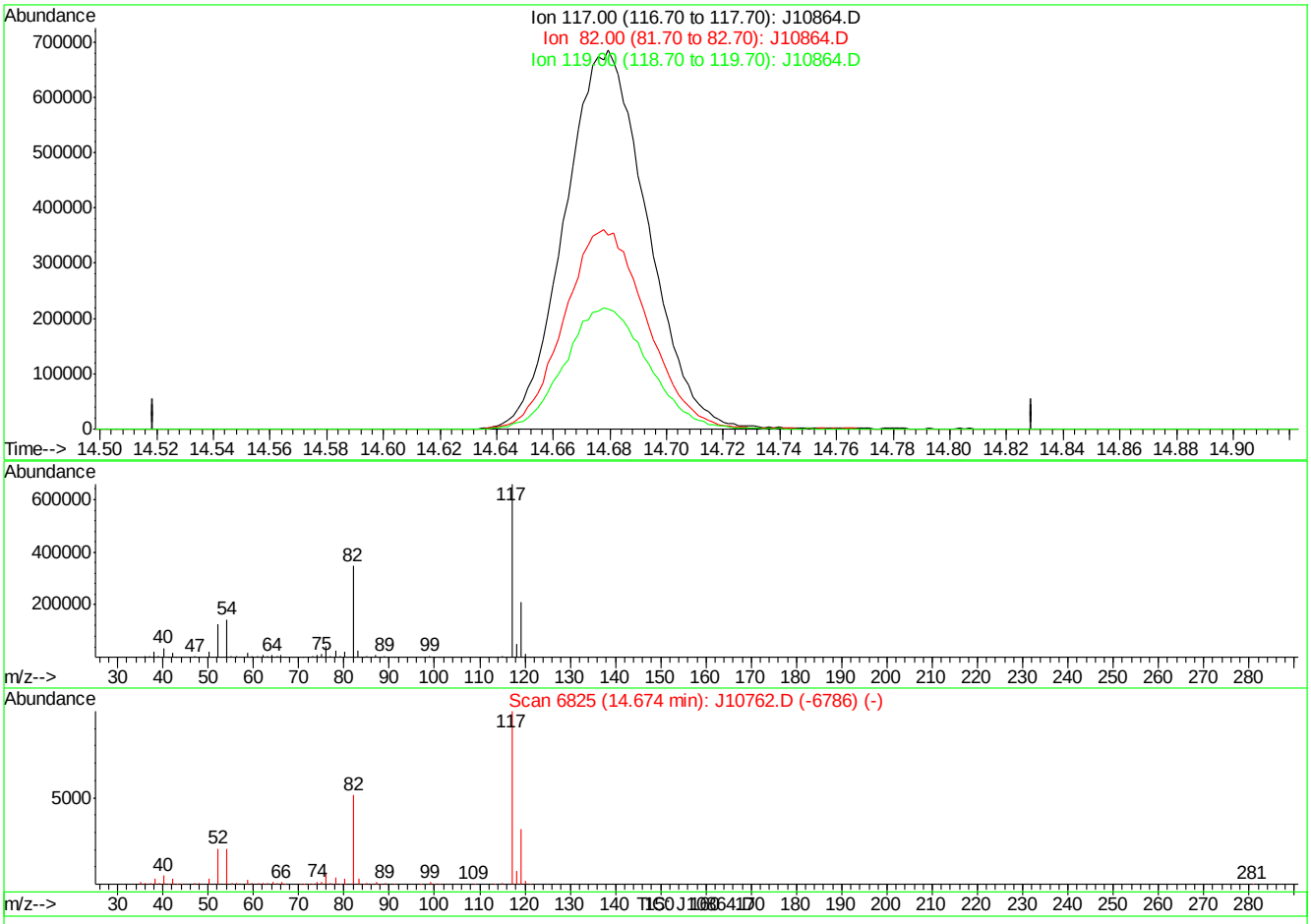
J10864.D J070507T.M Thu Jul 05 15:01:55 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10864.D Vial: 1
Acq On : 5 Jul 2007 2:22 pm Operator: danat
Sample : ic562-20 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 15:00:43 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration



(49) CHLOROBENZENE-D5 (I)

14.67min 0.00PPBV

response 0

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

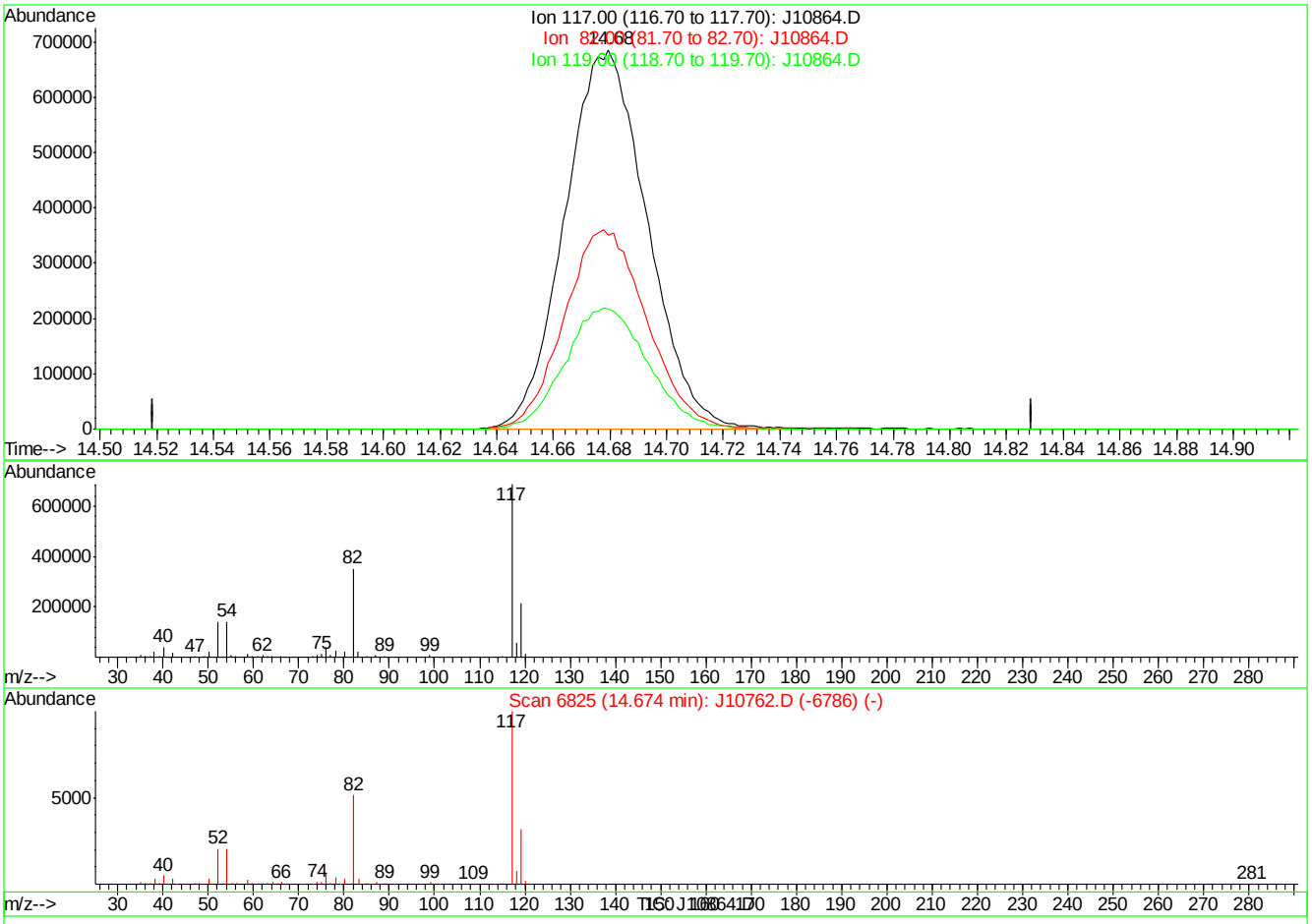
J10864.D J070507T.M Thu Jul 05 15:02:00 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10864.D Vial: 1
Acq On : 5 Jul 2007 2:22 pm Operator: danat
Sample : ic562-20 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 15:00:43 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration



(49) CHLOROBENZENE-D5 (I)

14.68min 10.00PPBV m

response 1386139

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

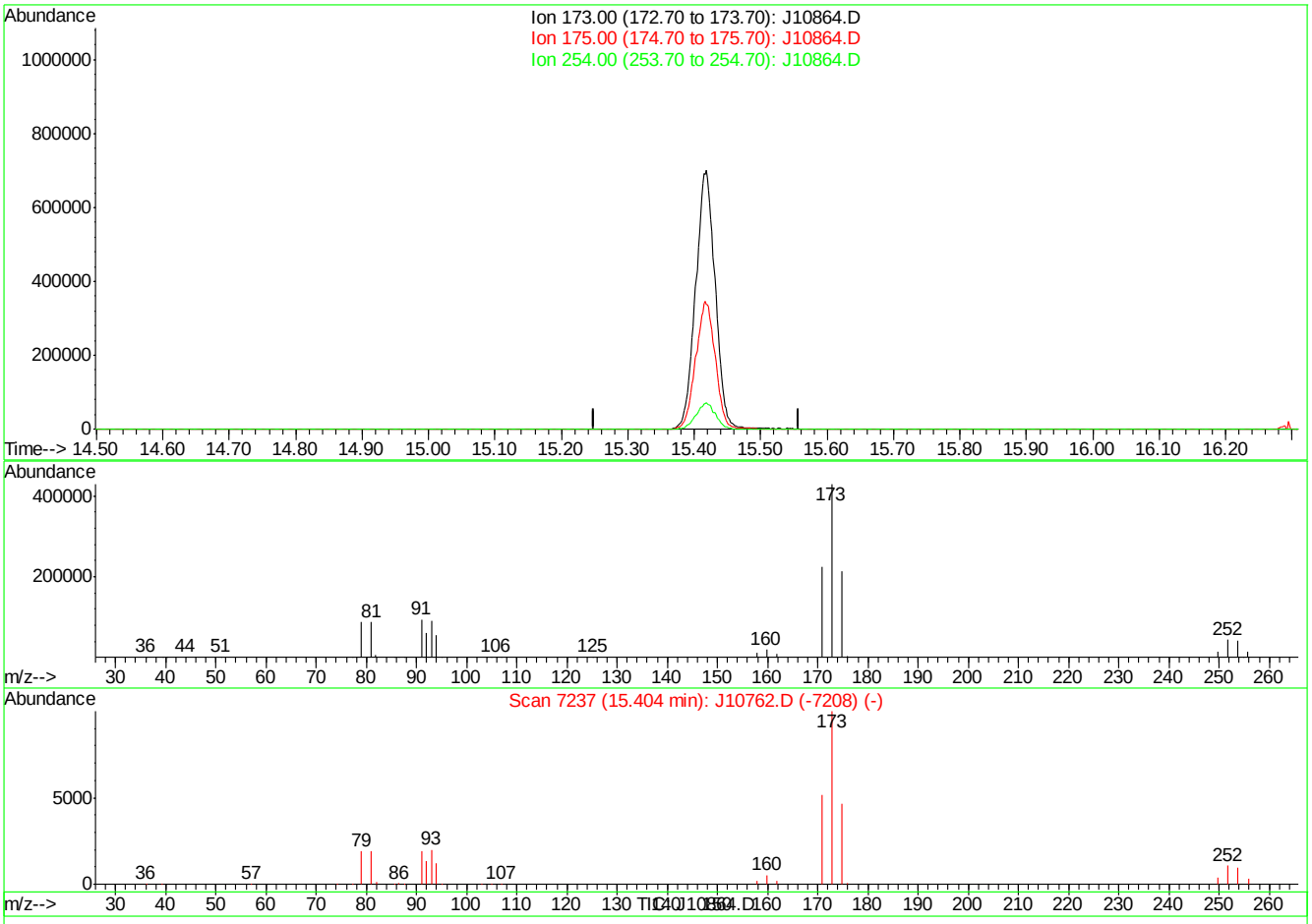
J10864.D J070507T.M Thu Jul 05 15:02:05 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10864.D Vial: 1
Acq On : 5 Jul 2007 2:22 pm Operator: danat
Sample : ic562-20 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 15:00:43 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration



(60) BROMOFORM (m)

15.40min 0.00PPBV

response 0

Ion	Exp%	Act%
173.00	100	0.00
175.00	49.10	0.00#
254.00	9.90	0.00
0.00	0.00	0.00

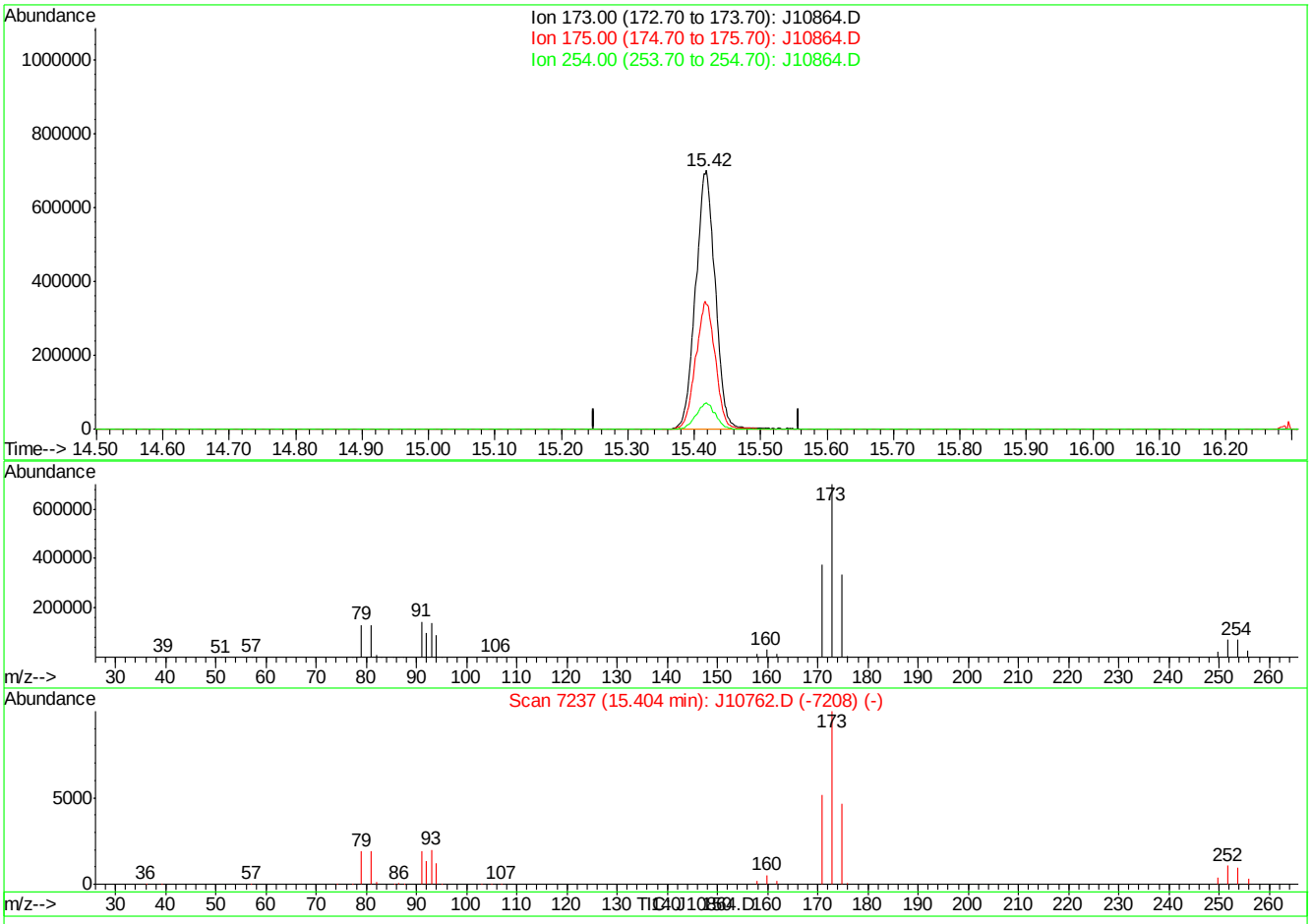
J10864.D J070507T.M Thu Jul 05 15:02:16 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10864.D Vial: 1
Acq On : 5 Jul 2007 2:22 pm Operator: danat
Sample : ic562-20 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 15:00:43 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration



(60) BROMOFORM (m)

15.42min 21.65PPBV m

response 1435182

Ion	Exp%	Act%
173.00	100	100
175.00	49.10	0.00#
254.00	9.90	0.00
0.00	0.00	0.00

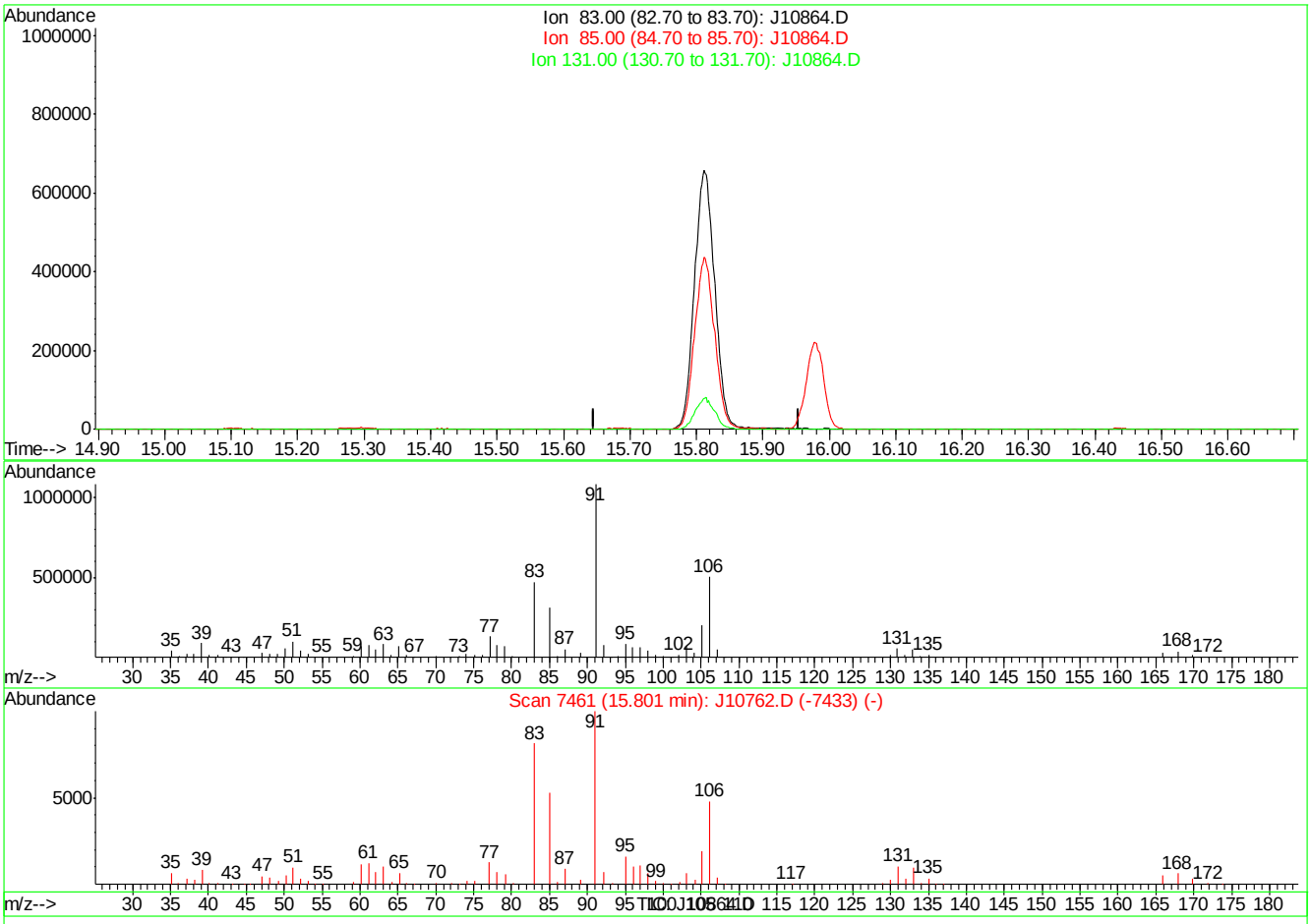
J10864.D J070507T.M Thu Jul 05 15:02:22 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10864.D Vial: 1
Acq On : 5 Jul 2007 2:22 pm Operator: danat
Sample : ic562-20 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 15:00:43 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration



(62) 1,1,2,2-TETRACHLOROETHANE (m)

15.80min 0.00PPBV

response 0

Ion	Exp%	Act%
83.00	100	0.00
85.00	66.00	0.00#
131.00	12.40	0.00
0.00	0.00	0.00

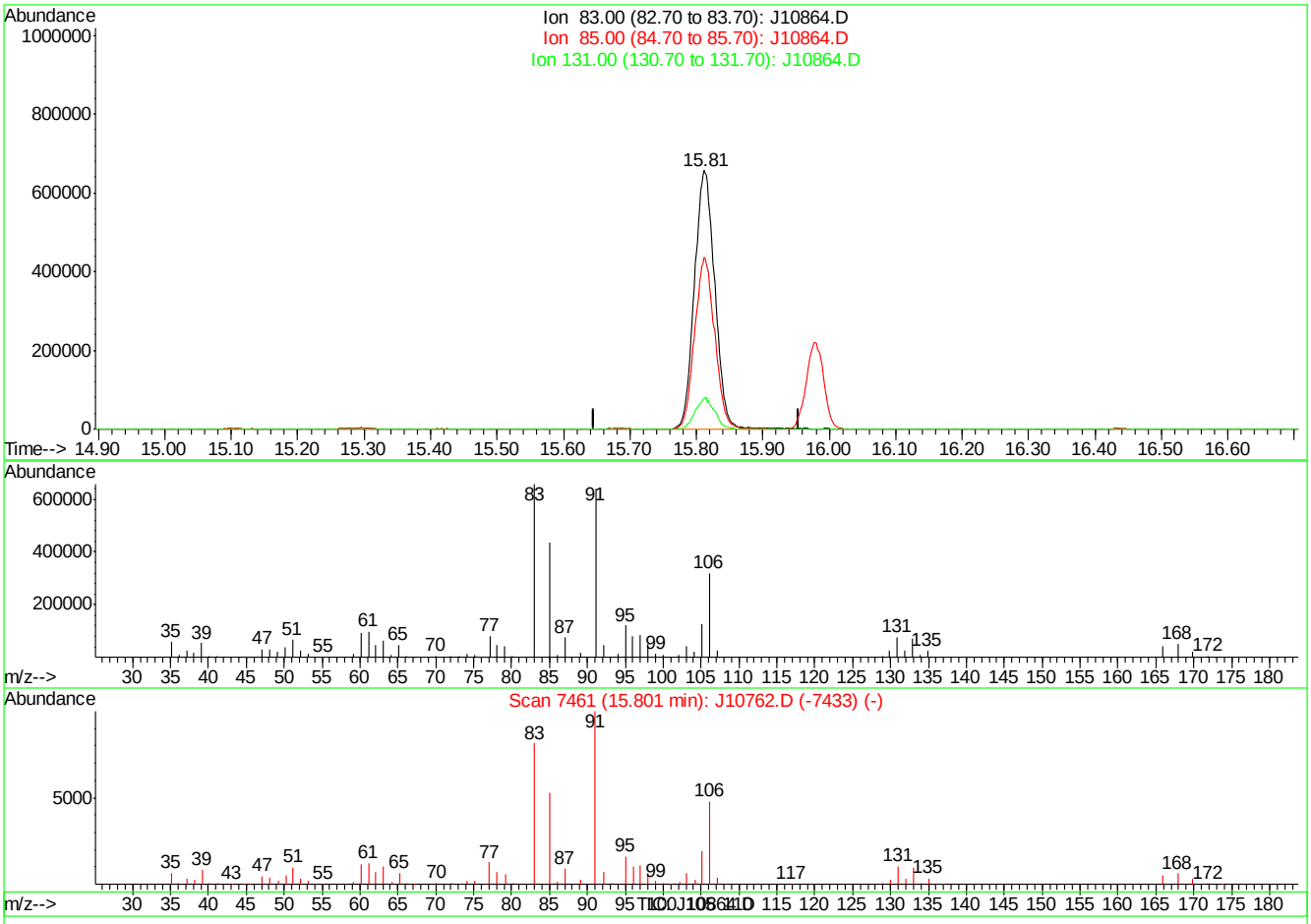
J10864.D J070507T.M Thu Jul 05 15:02:27 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10864.D Vial: 1
Acq On : 5 Jul 2007 2:22 pm Operator: danat
Sample : ic562-20 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 15:00:43 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration



(62) 1,1,2,2-TETRACHLOROETHANE (m)

15.81min 23.81PPBV m

response 1397530

Ion	Exp%	Act%
83.00	100	100
85.00	66.00	0.00#
131.00	12.40	0.00
0.00	0.00	0.00

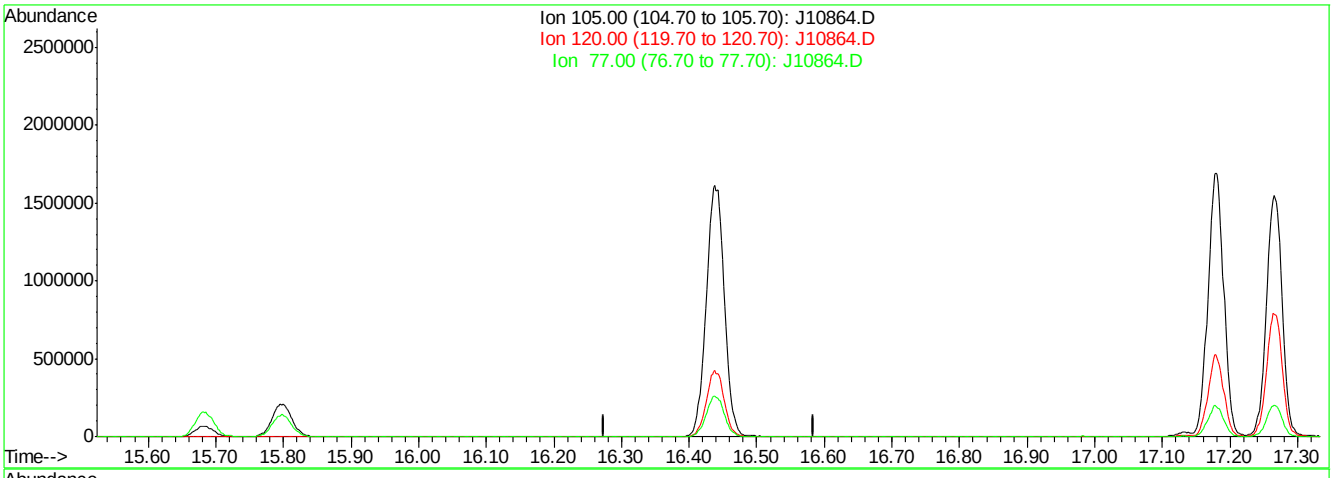
J10864.D J070507T.M Thu Jul 05 15:02:31 2007

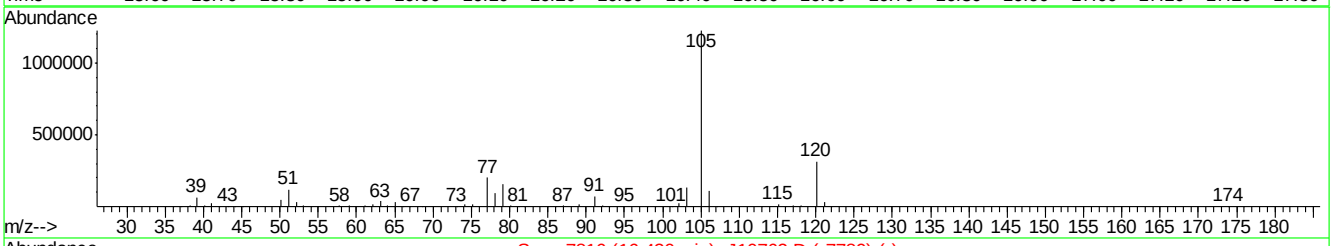
Quantitation Report (Qedit)

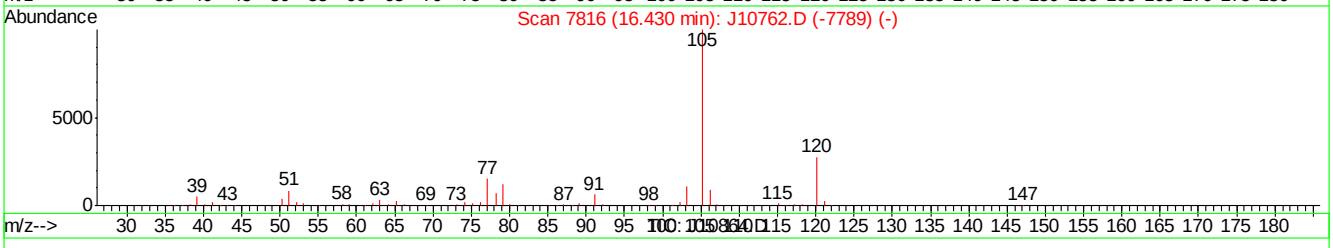
Data File : C:\MSDChem\1\data\J10864.D Vial: 1
Acq On : 5 Jul 2007 2:22 pm Operator: danat
Sample : ic562-20 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 15:00:43 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration







(63) ISOPROPYLBENZENE (m)

16.43min 0.00PPBV

response 0

Ion	Exp%	Act%
105.00	100	0.00
120.00	26.60	0.00#
77.00	15.90	0.00
0.00	0.00	0.00

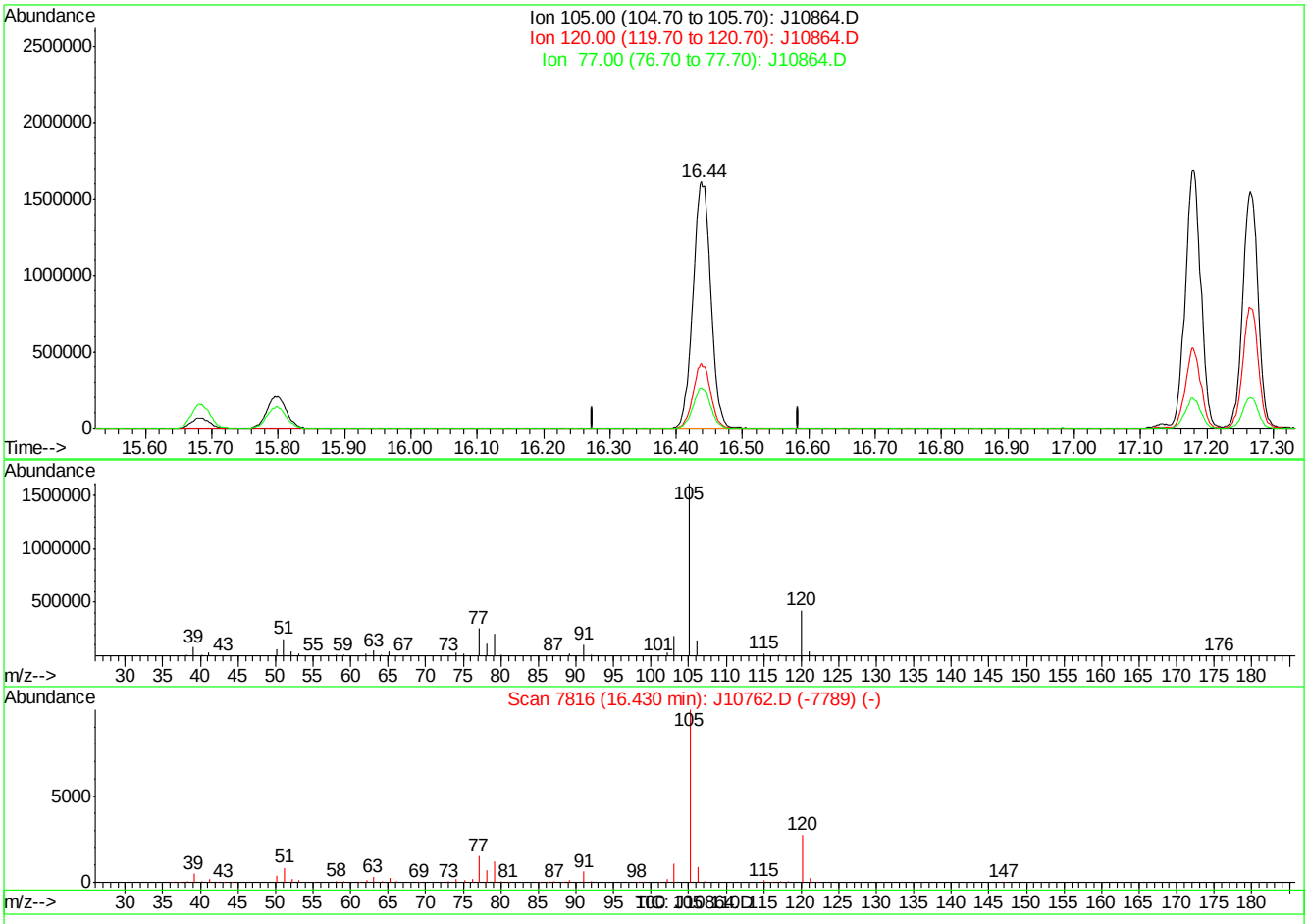
J10864.D J070507T.M Thu Jul 05 15:02:37 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10864.D Vial: 1
Acq On : 5 Jul 2007 2:22 pm Operator: danat
Sample : ic562-20 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 15:00:43 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration



(63) ISOPROPYLBENZENE (m)

16.44min 27.03PPBV m

response 2993529

Ion	Exp%	Act%
105.00	100	100
120.00	26.60	0.00#
77.00	15.90	0.00
0.00	0.00	0.00

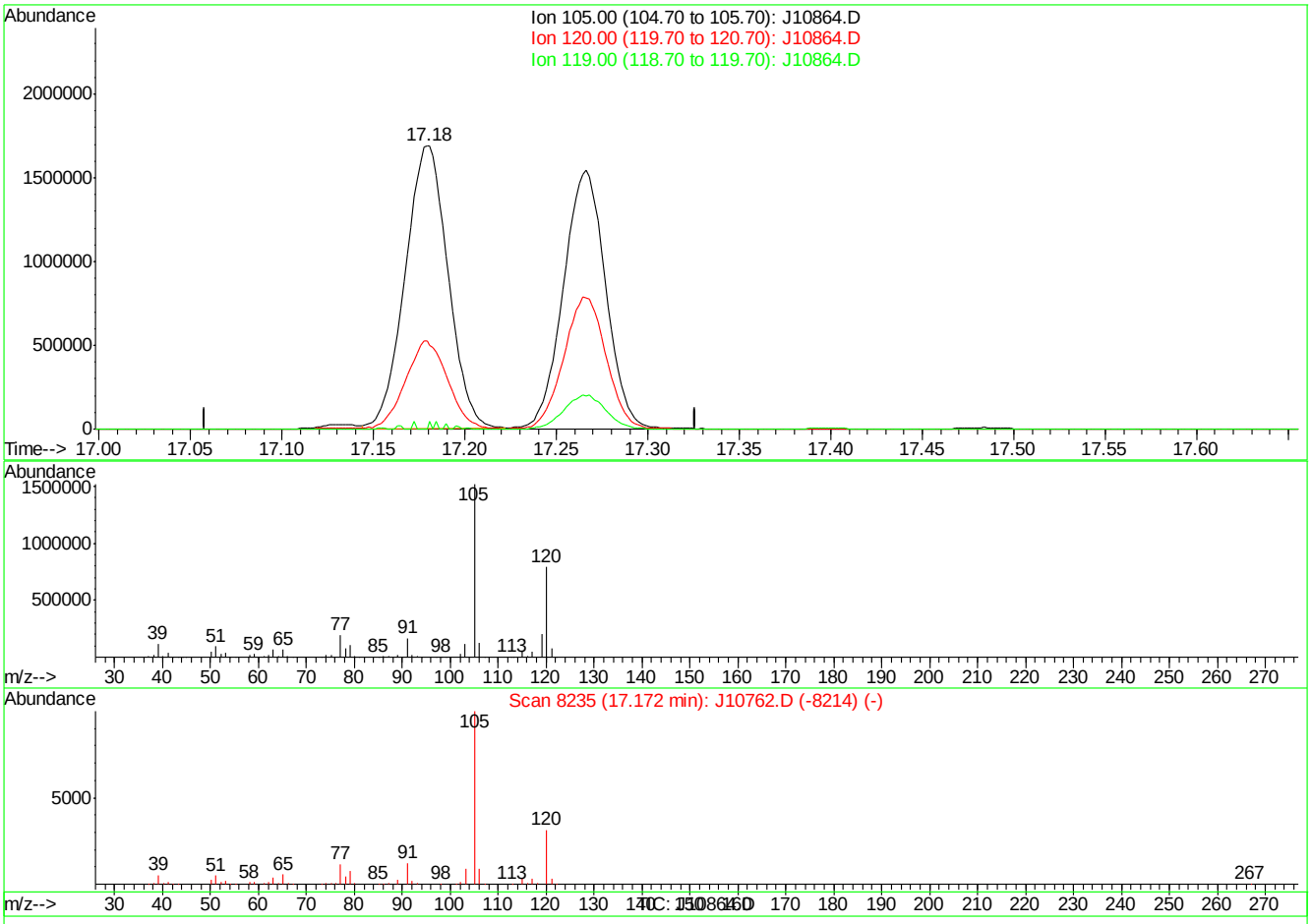
J10864.D J070507T.M Thu Jul 05 15:02:41 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10864.D Vial: 1
Acq On : 5 Jul 2007 2:22 pm Operator: danat
Sample : ic562-20 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 15:00:43 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration



(65) 4-ETHYLTOLUENE (m)

17.18min 30.08PPBV

response 2740052

Ion	Exp%	Act%
105.00	100	100
120.00	31.00	30.47
119.00	0.90	0.49
0.00	0.00	0.00

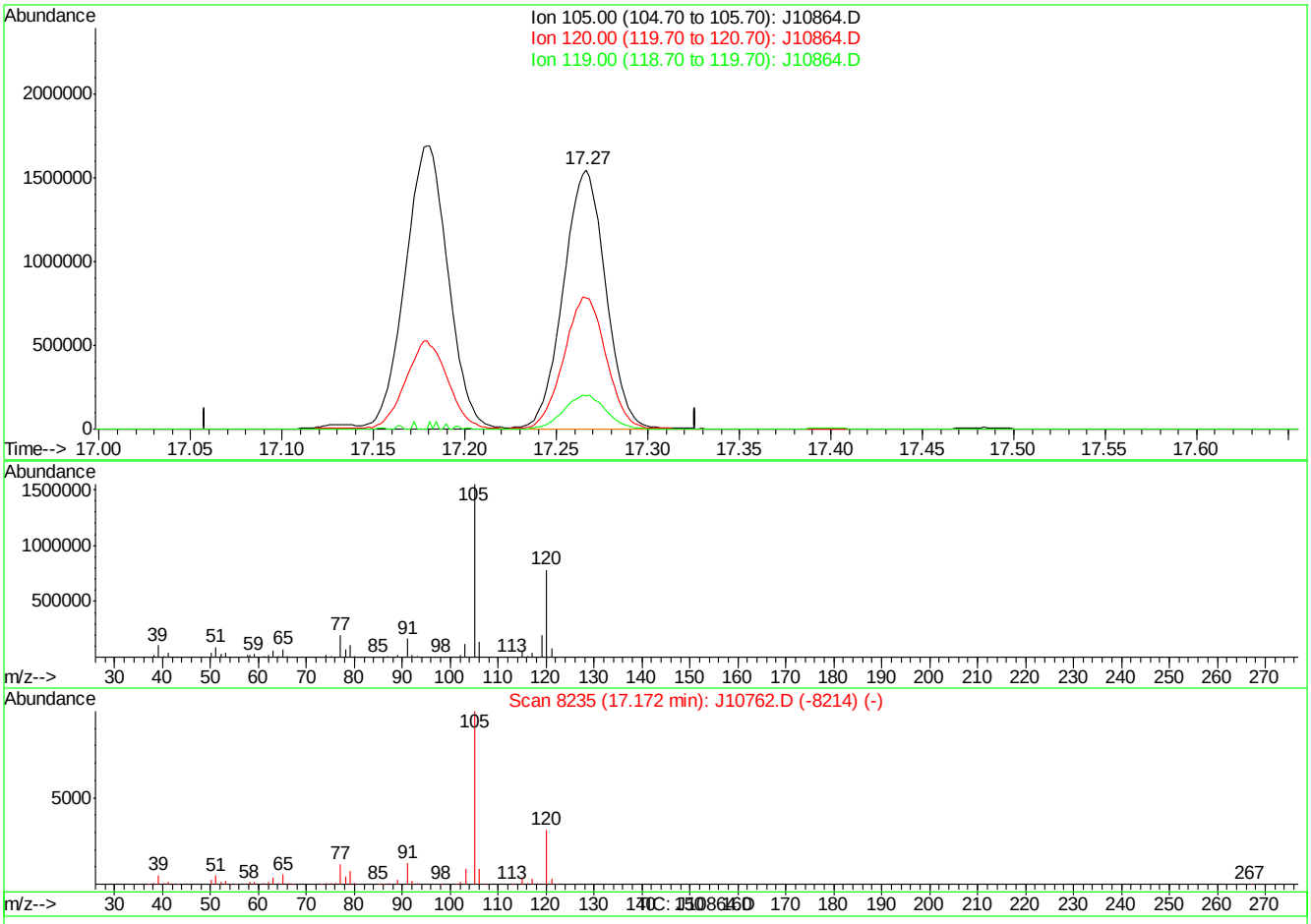
J10864.D J070507T.M Thu Jul 05 15:03:12 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10864.D Vial: 1
Acq On : 5 Jul 2007 2:22 pm Operator: danat
Sample : ic562-20 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 15:00:43 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration



(65) 4-ETHYLTOLUENE (m)

17.27min 27.55PPBV m

response 2509316

Ion	Exp%	Act%
105.00	100	100
120.00	31.00	33.27
119.00	0.90	0.54
0.00	0.00	0.00

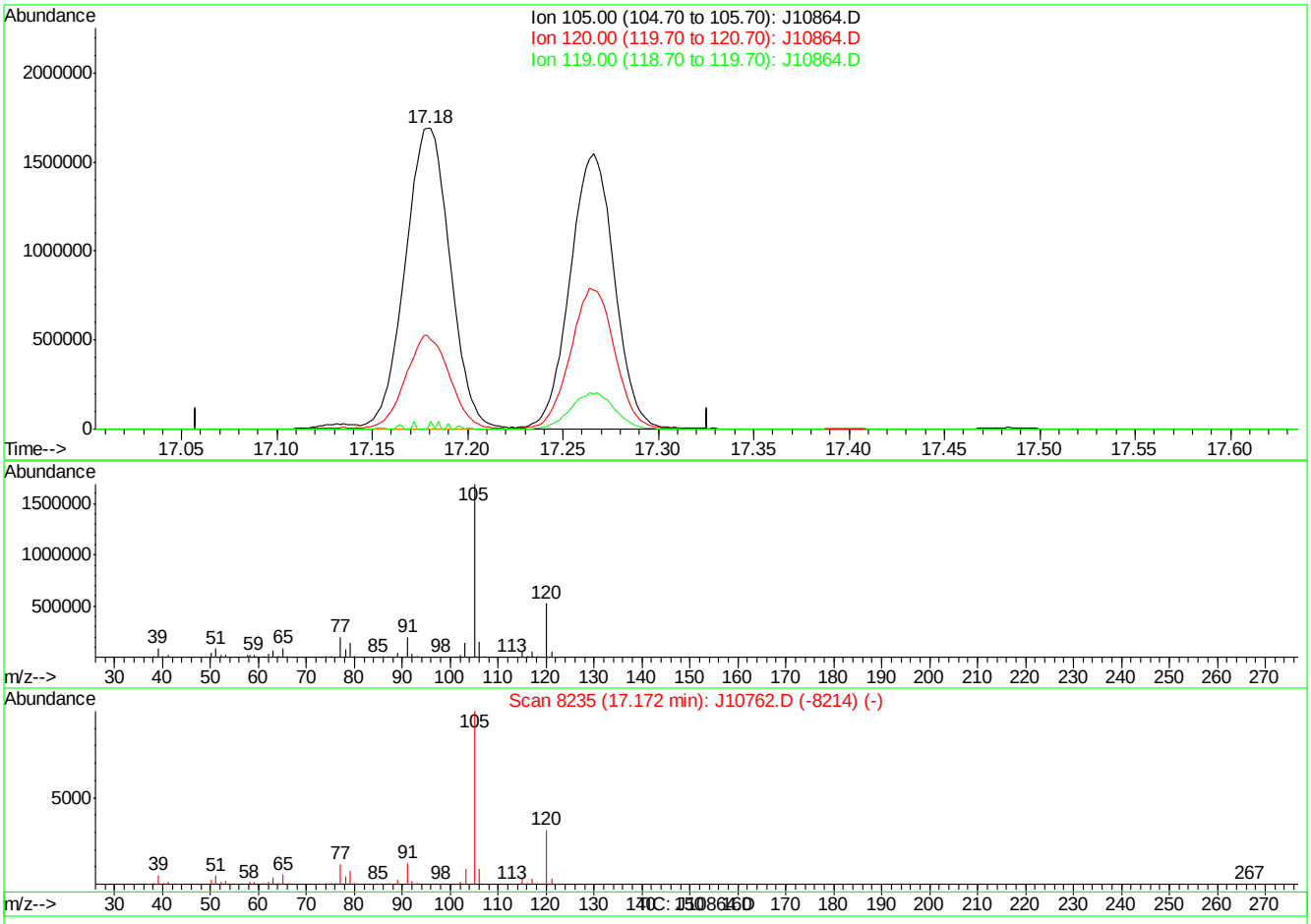
J10864.D J070507T.M Thu Jul 05 15:03:17 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10864.D Vial: 1
Acq On : 5 Jul 2007 2:22 pm Operator: danat
Sample : ic562-20 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 15:00:43 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 11:24:31 2007
Response via : Multiple Level Calibration



(65) 4-ETHYLTOLUENE (m)

17.18min 30.46PPBV m

response 2774205

Ion	Exp%	Act%
105.00	100	100
120.00	31.00	30.10
119.00	0.90	0.49
0.00	0.00	0.00

J10864.D J070507T.M Thu Jul 05 15:04:18 2007

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10865.D
Acq On : 5 Jul 2007 3:15 pm
Operator : danat
Sample : icc562-10 (M210)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 15:56:35 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 15:05:53 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	357730	10.00	PPBV	-0.01
35) 1,4-DIFLUOROBENZENE	10.43	114	1553136	10.00	PPBV	-0.01
49) CHLOROBENZENE-D5	14.67	117	1367583	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.30	95	450698	5.27	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 105.40%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	1076721	9.52	PPBV	99
3) PROPYLENE	4.00	41	194056	11.86	PPBV	95
4) FREON 114	4.32	85	925238	9.03	PPBV	97
5) CHLOROMETHANE	4.23	50	234686	8.87	PPBV	97
6) VINYL CHLORIDE	4.45	62	277627	9.48	PPBV	99
7) 1,3-BUTADIENE	4.58	39	218238	10.78	PPBV	96
8) BROMOMETHANE	4.85	94	319015	9.42	PPBV	100
9) CHLOROETHANE	5.02	64	134835	9.66	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.78	101	1055126	8.78	PPBV	100
11) ISOPROPYL ALCOHOL	5.97	45	339354	9.16	PPBV	97
12) ACETONE	5.65	43	339867	7.29	PPBV	99
13) PENTANE	6.13	42	259655	9.22	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.41	96	319565	10.85	PPBV	99
15) CARBON DISULFIDE	6.84	76	917919	9.03	PPBV	99
16) ETHANOL	5.22	45	57517	11.16	PPBV	98
17) BROMOETHENE	5.37	106	314720	11.23	PPBV	99
18) METHYLENE CHLORIDE	6.53	84	288840	5.18	PPBV	97
19) 3-CHLOROPROPENE	6.65	39	240728	8.70	PPBV	96
20) FREON 113	6.77	151	667186	8.48	PPBV	97
21) TRANS-1,2-DICHLOROETHYLENE	7.44	96	308958	10.23	PPBV	98
22) TERTIARY BUTYL ALCOHOL	6.57	59	430066	10.86	PPBV	97
23) METHYL TERTIARY BUTYL ETHE	7.72	73	648617	11.42	PPBV	99
24) TETRAHYDROFURAN	9.17	42	204598	10.76	PPBV	99
25) HEXANE	8.62	57	362632	8.86	PPBV	99
26) VINYL ACETATE	7.79	43	422954	10.12	PPBV	98
27) 1,1-DICHLOROETHANE	7.64	63	515933	9.09	PPBV	99
28) METHYL ETHYL KETONE	8.07	43	406111	9.37	PPBV	99
29) cis-1,2-DICHLOROETHYLENE	8.45	96	291022	9.73	PPBV	98
30) ETHYL ACETATE	8.69	43	453029	9.57	PPBV #	96
31) CHLOROFORM	8.74	83	709256	8.74	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.67	97	790106	8.93	PPBV	99
33) CARBON TETRACHLORIDE	10.25	117	974330	9.04	PPBV	100
34) 1,2-DICHLOROETHANE	9.44	62	400572	9.36	PPBV	98
36) BENZENE	10.11	78	719064	9.93	PPBV	99
37) CYCLOHEXANE	10.36	84	351407	10.53	PPBV	98
38) TRICHLOROETHYLENE	11.11	95	372031	9.25	PPBV	98
39) 1,2-DICHLOROPROPANE	10.89	63	229523	9.08	PPBV	98
40) BROMODICHLOROMETHANE	11.08	83	636878	8.48	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	1173343	10.61	PPBV	98
42) 1,4-DIOXANE	11.17	88	128934	10.23	PPBV	93
43) HEPTANE	11.36	43	377865	9.28	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10865.D
Acq On : 5 Jul 2007 3:15 pm
Operator : danat
Sample : icc562-10 (M210)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 15:56:35 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 15:05:53 2007
Response via : Initial Calibration

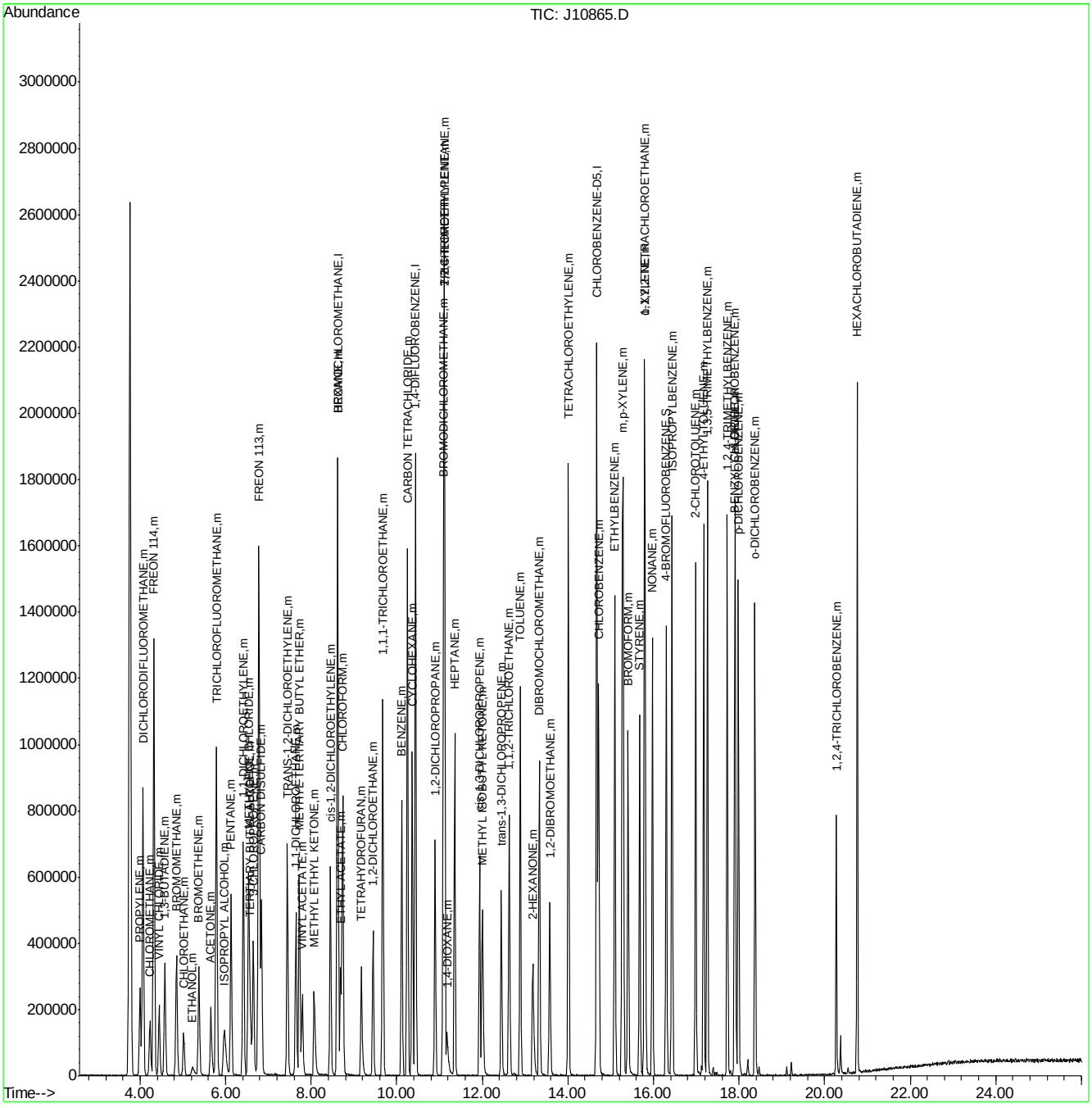
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.00	43	441145	9.32	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.93	75	340858	11.13	PPBV	98
46) TOLUENE	12.89	92	492562	11.16	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.44	75	328198	11.25	PPBV	97
48) 1,1,2-TRICHLOROETHANE	12.63	83	240240	8.98	PPBV	100
50) 2-HEXANONE	13.18	43	358222	9.19	PPBV	100
51) TETRACHLOROETHYLENE	14.01	164	410408	9.45	PPBV	99
52) DIBROMOCHLOROMETHANE	13.33	129	608765	8.95	PPBV	99
53) 1,2-DIBROMOETHANE	13.57	107	427988	9.19	PPBV	100
54) CHLOROBENZENE	14.72	112	688122	8.98	PPBV	99
55) ETHYLBENZENE	15.10	91	1080019	11.86	PPBV	99
56) m,p-XYLENE	15.28	106	896520	23.64	PPBV	94
57) o-XYLENE	15.79	106	441607	11.65	PPBV	99
58) STYRENE	15.68	104	565869	12.01	PPBV	100
59) NONANE	15.97	43	470369	9.54	PPBV	97
60) BROMOFORM	15.41	173	580762	8.81	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.80	83	566916	8.01	PPBV	99
63) ISOPROPYLBENZENE	16.43	105	1254810	11.11	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	840760	11.11	PPBV	98
65) 4-ETHYLTOLUENE	17.17	105	1060550	9.46	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	993599	9.11	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	878799	9.31	PPBV	99
68) m-DICHLOROBENZENE	17.91	146	630101	8.68	PPBV	99
69) BENZYL CHLORIDE	17.89	91	508860	9.48	PPBV	99
70) p-DICHLOROBENZENE	17.99	146	601901	9.27	PPBV	100
71) o-DICHLOROBENZENE	18.37	146	540883	8.38	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	347338	4.03	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.27	180	206967	5.98	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10865.D
Acq On : 5 Jul 2007 3:15 pm
Operator : danat
Sample : icc562-10 (M210)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 15:56:35 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 15:05:53 2007
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 07/11/07 09:41

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10866.D
Acq On : 5 Jul 2007 4:08 pm
Operator : danat
Sample : ic562-5 (M210)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:35:37 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 15:59:14 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	308937	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.43	114	1344037	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1158520	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.29	95	339092	4.64	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 92.80%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	582729	6.01	PPBV	100
3) PROPYLENE	4.00	41	98294	6.75	PPBV	91
4) FREON 114	4.32	85	536000	6.16	PPBV	100
5) CHLOROMETHANE	4.23	50	138711	6.19	PPBV	94
6) VINYL CHLORIDE	4.45	62	161797	6.45	PPBV	97
7) 1,3-BUTADIENE	4.58	39	118794	6.71	PPBV	99
8) BROMOMETHANE	4.85	94	178086	6.15	PPBV	99
9) CHLOROETHANE	5.02	64	65785	5.49	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.79	101	595728	5.86	PPBV	100
11) ISOPROPYL ALCOHOL	5.95	45	160004	5.09	PPBV	88
12) ACETONE	5.66	43	177681	4.62	PPBV	100
13) PENTANE	6.13	42	139874	5.83	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.42	96	169136	6.56	PPBV	99
15) CARBON DISULFIDE	6.84	76	510584	5.91	PPBV	99
16) ETHANOL	5.22	45	27044m	5.44	PPBV	
17) BROMOETHENE	5.38	106	169125	6.85	PPBV	99
18) METHYLENE CHLORIDE	6.54	84	152118	5.22	PPBV	98
19) 3-CHLOROPROPENE	6.65	39	110392	4.74	PPBV	99
20) FREON 113	6.78	151	336280	5.08	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.45	96	154290	5.89	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.56	59	195431	5.62	PPBV	97
23) METHYL TERTIARY BUTYL ETHE	7.73	73	313923	6.25	PPBV	99
24) TETRAHYDROFURAN	9.18	42	95468	5.73	PPBV	98
25) HEXANE	8.63	57	179704	5.18	PPBV	99
26) VINYL ACETATE	7.79	43	199338	5.51	PPBV	97
27) 1,1-DICHLOROETHANE	7.65	63	256128	5.31	PPBV	99
28) METHYL ETHYL KETONE	8.07	43	192895	5.21	PPBV	97
29) cis-1,2-DICHLOROETHYLENE	8.45	96	147584	5.74	PPBV	99
30) ETHYL ACETATE	8.69	43	211407	5.21	PPBV	100
31) CHLOROFORM	8.73	83	360248	5.25	PPBV	100
32) 1,1,1-TRICHLOROETHANE	9.67	97	386510	5.15	PPBV	99
33) CARBON TETRACHLORIDE	10.25	117	480721	5.25	PPBV	99
34) 1,2-DICHLOROETHANE	9.44	62	213484	5.84	PPBV	98
36) BENZENE	10.12	78	374019	5.98	PPBV	99
37) CYCLOHEXANE	10.36	84	172562	5.91	PPBV	98
38) TRICHLOROETHYLENE	11.11	95	197728	5.76	PPBV	98
39) 1,2-DICHLOROPROPANE	10.89	63	120865	5.61	PPBV	100
40) BROMODICHLOROMETHANE	11.08	83	334936	5.29	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	545596	4.91	PPBV	99
42) 1,4-DIOXANE	11.18	88	56162	4.87	PPBV	94
43) HEPTANE	11.35	43	181333	5.22	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10866.D
Acq On : 5 Jul 2007 4:08 pm
Operator : danat
Sample : ic562-5 (M210)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:35:37 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 15:59:14 2007
Response via : Initial Calibration

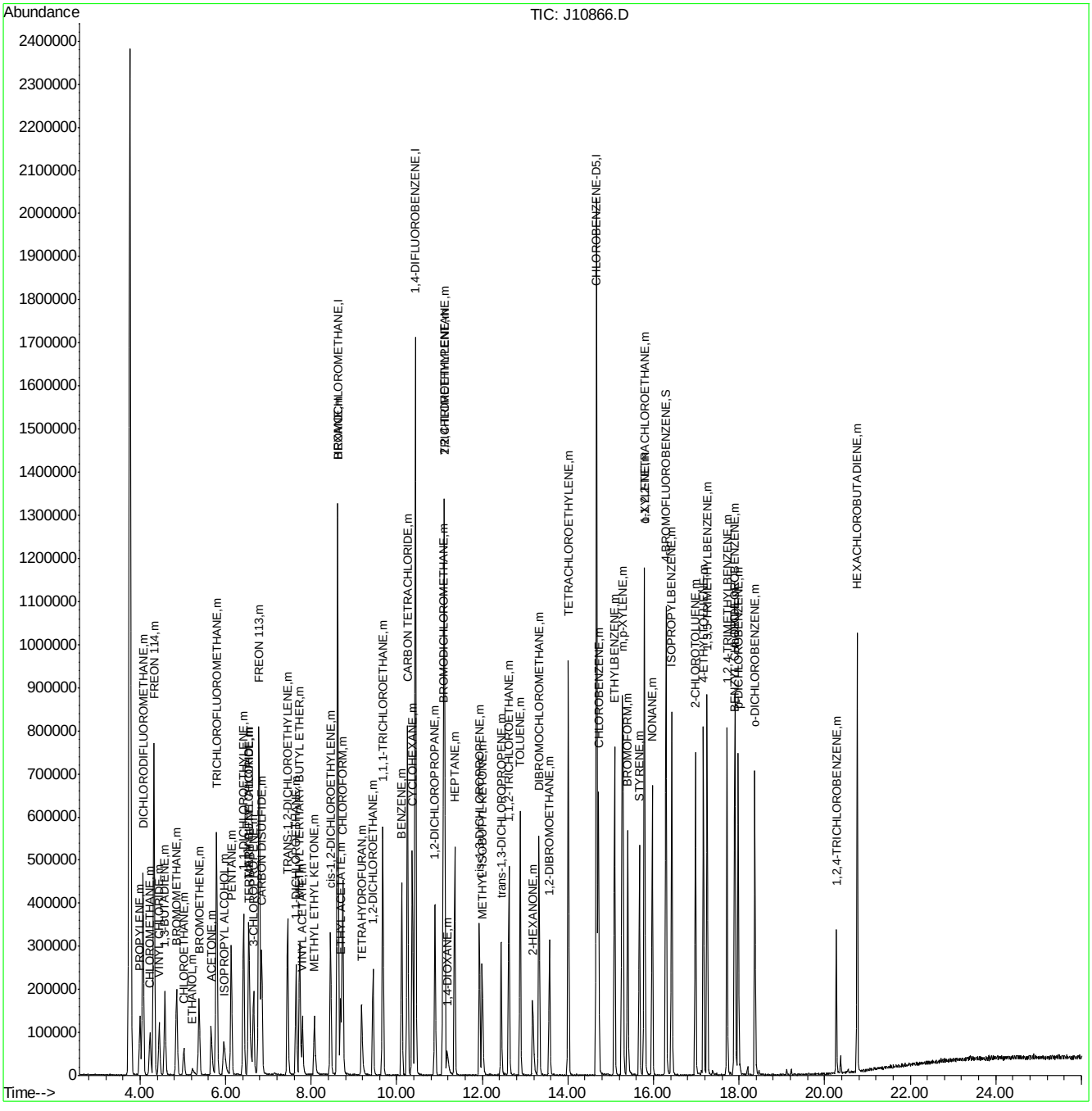
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.00	43	194430	4.81	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.93	75	172847	5.72	PPBV	98
46) TOLUENE	12.88	92	246964	5.81	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.44	75	156172	5.49	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.62	83	124985	5.49	PPBV	99
50) 2-HEXANONE	13.18	43	161027	4.96	PPBV	97
51) TETRACHLOROETHYLENE	14.01	164	210815	5.78	PPBV	100
52) DIBROMOCHLOROMETHANE	13.32	129	313410	5.54	PPBV	100
53) 1,2-DIBROMOETHANE	13.57	107	221216	5.68	PPBV	100
54) CHLOROBENZENE	14.71	112	353690	5.54	PPBV	99
55) ETHYLBENZENE	15.09	91	512167	5.62	PPBV	100
56) m,p-XYLENE	15.28	106	423682	11.30	PPBV	92
57) o-XYLENE	15.78	106	208586	5.64	PPBV	100
58) STYRENE	15.67	104	247110	5.20	PPBV	99
59) NONANE	15.97	43	214630	5.18	PPBV	99
60) BROMOFORM	15.40	173	289411	5.29	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	275352	4.75	PPBV	98
63) ISOPROPYLBENZENE	16.43	105	566878	5.37	PPBV	100
64) 2-CHLOROTOLUENE	16.98	91	381215	5.35	PPBV	99
65) 4-ETHYLTOLUENE	17.16	105	467174	5.30	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	451807	5.36	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	392208	5.38	PPBV	100
68) m-DICHLOROBENZENE	17.90	146	312169	5.82	PPBV	98
69) BENZYL CHLORIDE	17.89	91	230130	5.40	PPBV	99
70) p-DICHLOROBENZENE	17.98	146	303681	5.98	PPBV	99
71) o-DICHLOROBENZENE	18.37	146	267229	5.03	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	167222	4.21	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	89901	4.56	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10866.D
Acq On : 5 Jul 2007 4:08 pm
Operator : danat
Sample : ic562-5 (M210)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 05 16:35:37 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 15:59:14 2007
Response via : Initial Calibration



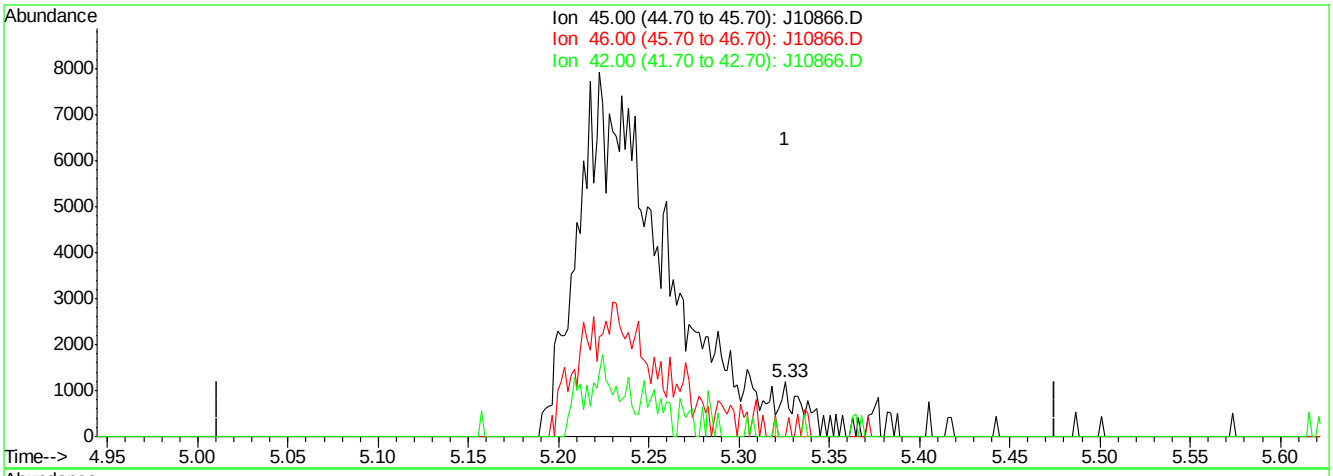
ACCUTEST Laboratories M68147

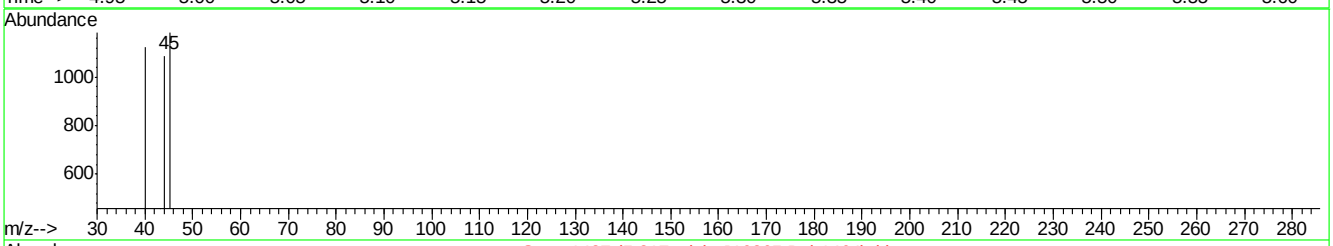
Quantitation Report (Qedit)

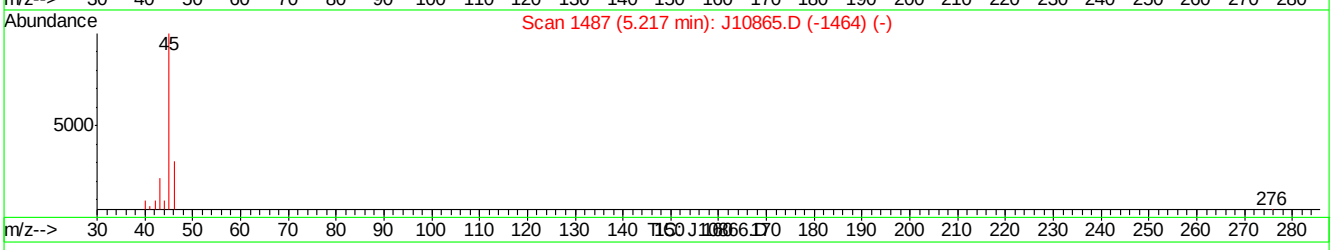
Data File : C:\MSDChem\1\data\J10866.D Vial: 1
Acq On : 5 Jul 2007 4:08 pm Operator: danat
Sample : ic562-5 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 16:34:18 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 15:59:14 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.33min 1.20PPBV

response 1013

Ion	Exp%	Act%
45.00	100	100
46.00	34.00	17.97
42.00	9.40	4.44
0.00	0.00	0.00

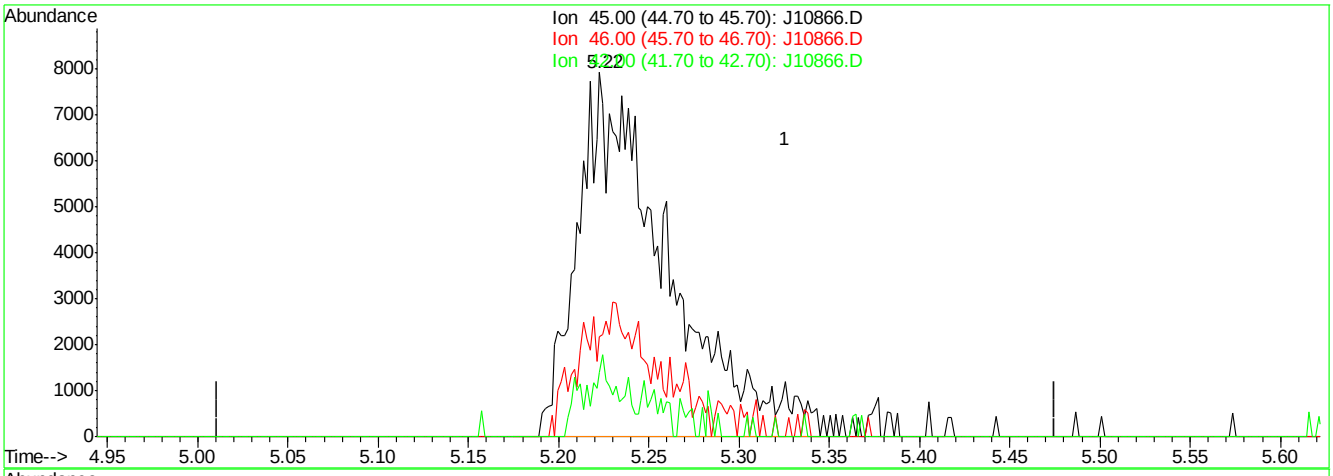
J10866.D J070507T.M Thu Jul 05 16:34:48 2007

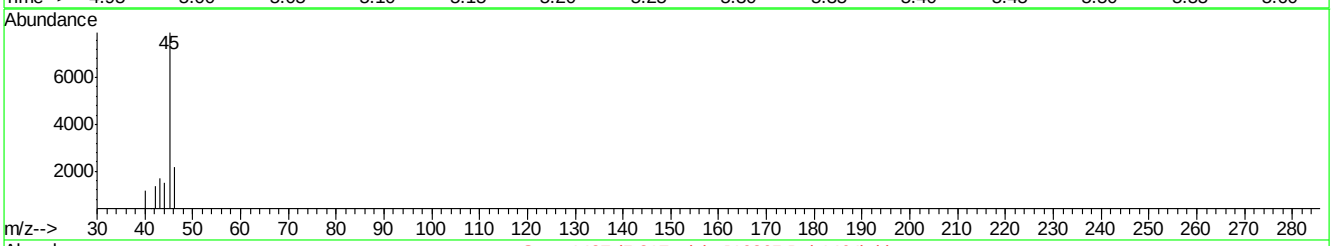
Quantitation Report (Qedit)

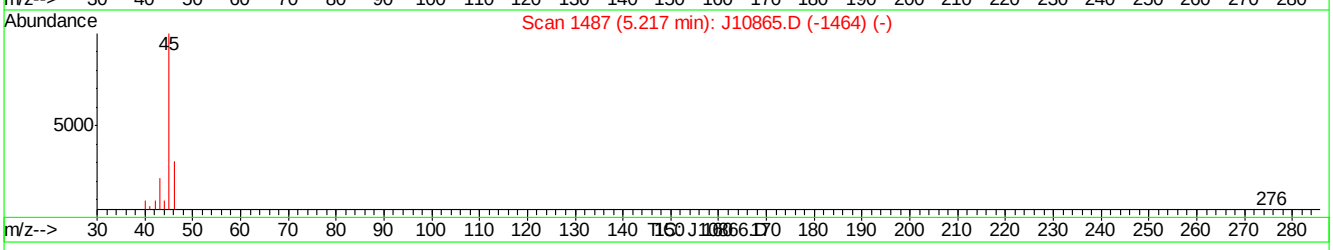
Data File : C:\MSDChem\1\data\J10866.D Vial: 1
Acq On : 5 Jul 2007 4:08 pm Operator: danat
Sample : ic562-5 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 16:34:18 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 15:59:14 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.22min 5.44PPBV m

response 27044

Ion	Exp%	Act%
45.00	100	100
46.00	34.00	0.67#
42.00	9.40	0.17
0.00	0.00	0.00

J10866.D J070507T.M Thu Jul 05 16:34:55 2007

J10867.D

Manual Integrations APPROVED (compounds with "m" flag)

Doug Yargeau 07/11/07 09:41

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10867.D
Acq On : 5 Jul 2007 4:59 pm
Operator : danat
Sample : ic562-2 (M210)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:26:51 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:35:54 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	330127	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.43	114	1414347	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1160504	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	334470	4.62	PPBV	-0.01

Spiked Amount 5.000 Range 51 - 142 Recovery = 92.40%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	229466	2.15	PPBV	99
3) PROPYLENE	4.00	41	35098	2.15	PPBV	93
4) FREON 114	4.32	85	181482	1.89	PPBV	99
5) CHLOROMETHANE	4.24	50	48637	1.96	PPBV	89
6) VINYL CHLORIDE	4.45	62	51618	1.85	PPBV	97
7) 1,3-BUTADIENE	4.58	39	37084	1.87	PPBV	98
8) BROMOMETHANE	4.86	94	59056	1.85	PPBV	99
9) CHLOROETHANE	5.03	64	22813	1.76	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.79	101	201938	1.81	PPBV	100
11) ISOPROPYL ALCOHOL	5.98	45	48377	1.44	PPBV	81
12) ACETONE	5.69	43	57242	1.41	PPBV	99
13) PENTANE	6.14	42	45140	1.72	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.42	96	52848	1.84	PPBV	99
15) CARBON DISULFIDE	6.85	76	173627	1.83	PPBV	98
16) ETHANOL	5.25	45	5804m	1.81	PPBV	
17) BROMOETHENE	5.39	106	50669	1.82	PPBV	98
18) METHYLENE CHLORIDE	6.55	84	54170	1.32	PPBV	96
19) 3-CHLOROPROPENE	6.66	39	37962	1.54	PPBV	93
20) FREON 113	6.79	151	119737	1.69	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.45	96	49311	1.72	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.59	59	46528	1.23	PPBV	82
23) METHYL TERTIARY BUTYL ETHE	7.74	73	96121	1.73	PPBV	98
24) TETRAHYDROFURAN	9.21	42	24851	1.36	PPBV	91
25) HEXANE	8.63	57	58771	1.58	PPBV	93
26) VINYL ACETATE	7.80	43	53072	1.35	PPBV	92
27) 1,1-DICHLOROETHANE	7.65	63	84237	1.62	PPBV	100
28) METHYL ETHYL KETONE	8.09	43	56905	1.43	PPBV	90
29) cis-1,2-DICHLOROETHYLENE	8.45	96	46740	1.67	PPBV	99
30) ETHYL ACETATE	8.71	43	64712	1.48	PPBV #	92
31) CHLOROFORM	8.74	83	122413	1.66	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.67	97	130586	1.62	PPBV	100
33) CARBON TETRACHLORIDE	10.25	117	165237	1.68	PPBV	99
34) 1,2-DICHLOROETHANE	9.45	62	68378	1.71	PPBV	100
36) BENZENE	10.12	78	111788	1.65	PPBV	100
37) CYCLOHEXANE	10.37	84	51554	1.63	PPBV	98
38) TRICHLOROETHYLENE	11.11	95	58790	1.59	PPBV	98
39) 1,2-DICHLOROPROPANE	10.90	63	37078	1.61	PPBV	96
40) BROMODICHLOROMETHANE	11.08	83	108047	1.61	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	163007	2.12	PPBV	98
42) 1,4-DIOXANE	11.22	88	10728	1.90	PPBV	85
43) HEPTANE	11.36	43	52042	1.41	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10867.D
Acq On : 5 Jul 2007 4:59 pm
Operator : danat
Sample : ic562-2 (M210)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:26:51 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:35:54 2007
Response via : Initial Calibration

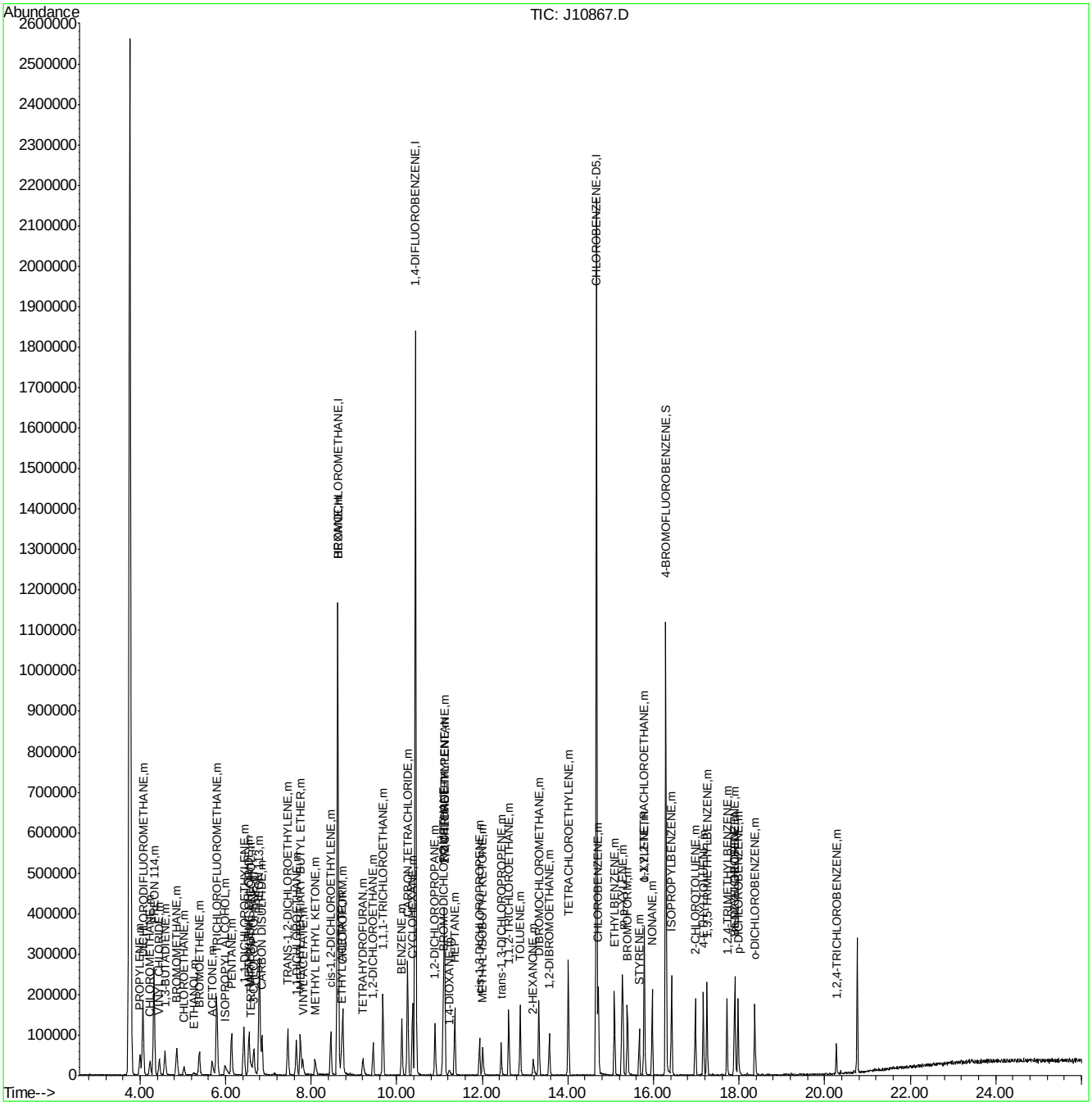
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	49831	1.18 PPBV	94
45) cis-1,3-DICHLOROPROPENE	11.93	75	42037	1.57 PPBV	96
46) TOLUENE	12.88	92	66487	1.65 PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.44	75	37565	1.53 PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.61	83	38780	1.60 PPBV	98
50) 2-HEXANONE	13.19	43	36294	1.12 PPBV #	36
51) TETRACHLOROETHYLENE	14.01	164	63817	1.71 PPBV	98
52) DIBROMOCHLOROMETHANE	13.32	129	97799	1.70 PPBV	99
53) 1,2-DIBROMOETHANE	13.57	107	61325	1.54 PPBV	99
54) CHLOROBENZENE	14.71	112	107091	1.65 PPBV	98
55) ETHYLBENZENE	15.09	91	127619	1.58 PPBV	99
56) m,p-XYLENE	15.28	106	109943	3.16 PPBV	94
57) o-XYLENE	15.78	106	53449	1.57 PPBV	97
58) STYRENE	15.67	104	48627	1.44 PPBV	99
59) NONANE	15.97	43	55542	1.33 PPBV	98
60) BROMOFORM	15.39	173	82740	1.50 PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.78	83	84884	1.47 PPBV	99
63) ISOPROPYLBENZENE	16.42	105	143311	1.48 PPBV	99
64) 2-CHLOROTOLUENE	16.98	91	90956	1.49 PPBV	99
65) 4-ETHYLTOLUENE	17.16	105	107216	1.52 PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	113765	1.46 PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	87297	1.40 PPBV	98
68) m-DICHLOROBENZENE	17.90	146	86523	1.48 PPBV	99
69) BENZYL CHLORIDE	17.89	91	48772	1.25 PPBV	99
70) p-DICHLOROBENZENE	17.98	146	81526	1.52 PPBV	98
71) o-DICHLOROBENZENE	18.37	146	69326	1.30 PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	53969	Below Cal	99
73) 1,2,4-TRICHLOROBENZENE	20.28	180	21611	0.35 PPBV	96

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10867.D
Acq On : 5 Jul 2007 4:59 pm
Operator : danat
Sample : ic562-2 (M210)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 17:26:51 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:35:54 2007
Response via : Initial Calibration



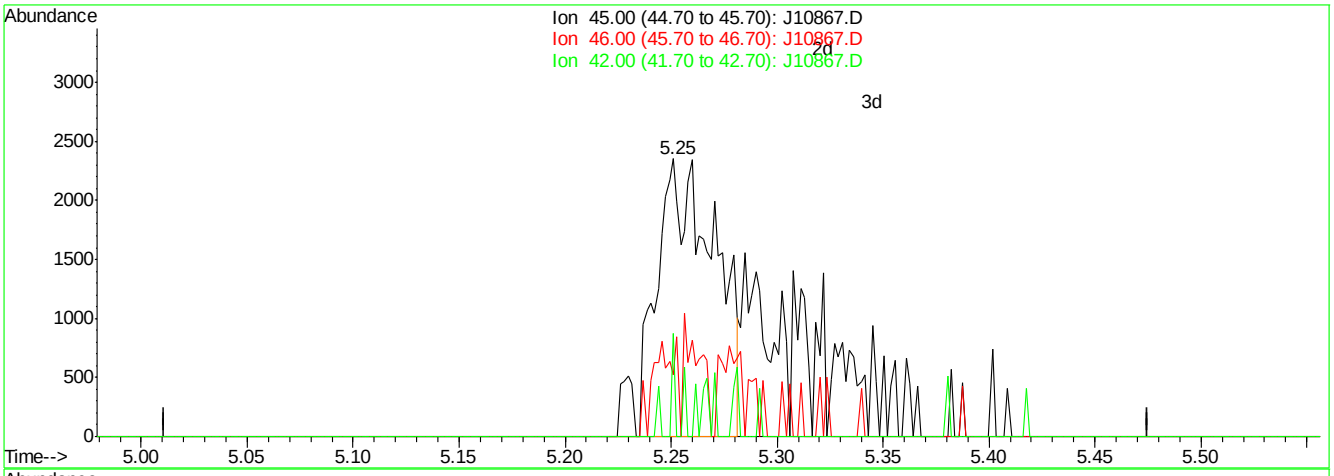
ACCUTEST Laboratories M68147

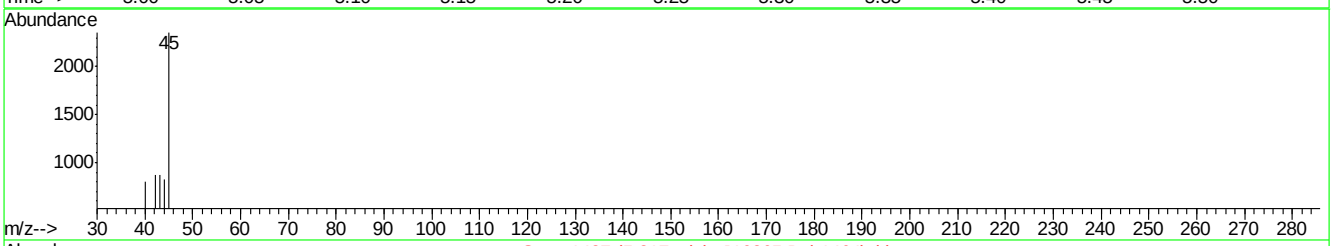
Quantitation Report (Qedit)

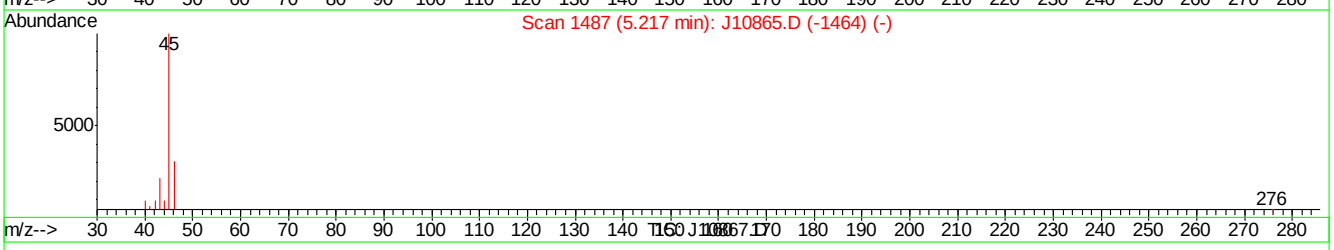
Data File : C:\MSDChem\1\data\J10867.D Vial: 2
Acq On : 5 Jul 2007 4:59 pm Operator: danat
Sample : ic562-2 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 17:26:21 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 16:35:54 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.25min 1.63PPBV

response 4623

Ion	Exp%	Act%
45.00	100	100
46.00	34.00	24.53
42.00	9.40	3.37
0.00	0.00	0.00

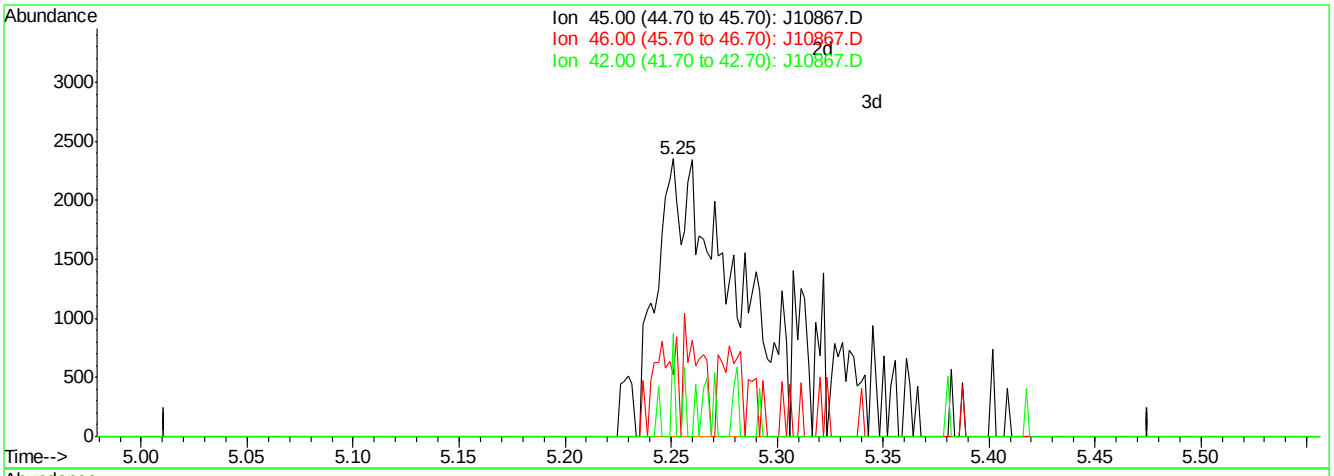
J10867.D J070507T.M Thu Jul 05 17:26:48 2007

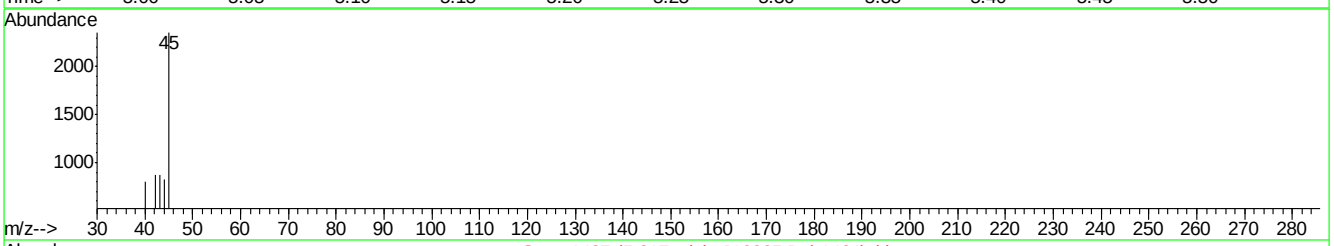
Quantitation Report (Qedit)

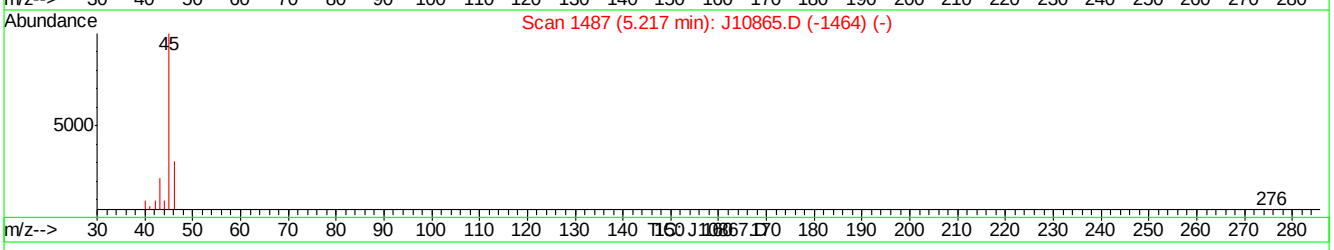
Data File : C:\MSDChem\1\data\J10867.D Vial: 2
Acq On : 5 Jul 2007 4:59 pm Operator: danat
Sample : ic562-2 (M210) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 17:26:21 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 16:35:54 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.25min 1.81PPBV m

response 5804

Ion	Exp%	Act%
45.00	100	100
46.00	34.00	19.54
42.00	9.40	2.69
0.00	0.00	0.00

J10867.D J070507T.M Thu Jul 05 17:26:54 2007

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
07/11/07 09:45

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10868a.D
Acq On : 5 Jul 2007 5:56 pm
Operator : danat
Sample : cc562-10 (M080)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 05 18:24:49 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:30:53 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.60	128	347038	10.00	PPBV	-0.01
35) 1,4-DIFLUOROBENZENE	10.43	114	1501760	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1335133	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.30	95	446244	5.44	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 108.80%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	1061110	9.42	PPBV	100
3) PROPYLENE	3.99	41	183358	10.60	PPBV	96
4) FREON 114	4.32	85	975926	9.85	PPBV	99
5) CHLOROMETHANE	4.23	50	255655	9.93	PPBV	94
6) VINYL CHLORIDE	4.44	62	301471	10.50	PPBV	99
7) 1,3-BUTADIENE	4.57	39	232443	11.26	PPBV	98
8) BROMOMETHANE	4.84	94	332070	10.01	PPBV	99
9) CHLOROETHANE	5.01	64	140388	10.56	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.77	101	1134544	9.90	PPBV	100
11) ISOPROPYL ALCOHOL	5.99	45	376740m	10.92	PPBV	
12) ACETONE	5.64	43	394061	9.71	PPBV	99
13) PENTANE	6.12	42	281678	10.41	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.40	96	307939	10.16	PPBV	100
15) CARBON DISULFIDE	6.82	76	926519	9.44	PPBV	99
16) ETHANOL	5.26	45	67215	10.80	PPBV #	65
17) BROMOETHENE	5.36	106	320378	10.94	PPBV	99
18) METHYLENE CHLORIDE	6.52	84	301838	9.92	PPBV	99
19) 3-CHLOROPROPENE	6.63	39	273020	10.74	PPBV	98
20) FREON 113	6.76	151	667835	9.23	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.43	96	313361	10.47	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.57	59	462173	11.77	PPBV	93
23) METHYL TERTIARY BUTYL ETHE	7.71	73	685448	11.76	PPBV	99
24) TETRAHYDROFURAN	9.16	42	218377	11.59	PPBV	98
25) HEXANE	8.61	57	365581	9.63	PPBV	97
26) VINYL ACETATE	7.78	43	440550	11.01	PPBV	97
27) 1,1-DICHLOROETHANE	7.63	63	545669	10.33	PPBV	100
28) METHYL ETHYL KETONE	8.07	43	425680	10.63	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.44	96	301089	10.37	PPBV	99
30) ETHYL ACETATE	8.67	43	462107	10.49	PPBV	100
31) CHLOROFORM	8.72	83	772083	10.29	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.66	97	843732	10.35	PPBV	99
33) CARBON TETRACHLORIDE	10.24	117	1036248	10.31	PPBV	99
34) 1,2-DICHLOROETHANE	9.43	62	456550	11.14	PPBV	99
36) BENZENE	10.11	78	802906	11.34	PPBV	100
37) CYCLOHEXANE	10.35	84	361468	10.80	PPBV	98
38) TRICHLOROETHYLENE	11.10	95	428230	11.34	PPBV	99
39) 1,2-DICHLOROPROPANE	10.89	63	271622	11.36	PPBV	99
40) BROMODICHLOROMETHANE	11.08	83	736999	10.65	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.10	57	1295156	9.40	PPBV	99
42) 1,4-DIOXANE	11.17	88	136276	9.35	PPBV	92
43) HEPTANE	11.34	43	409530	10.88	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10868a.D
Acq On : 5 Jul 2007 5:56 pm
Operator : danat
Sample : cc562-10 (M080)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 05 18:24:49 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:30:53 2007
Response via : Initial Calibration

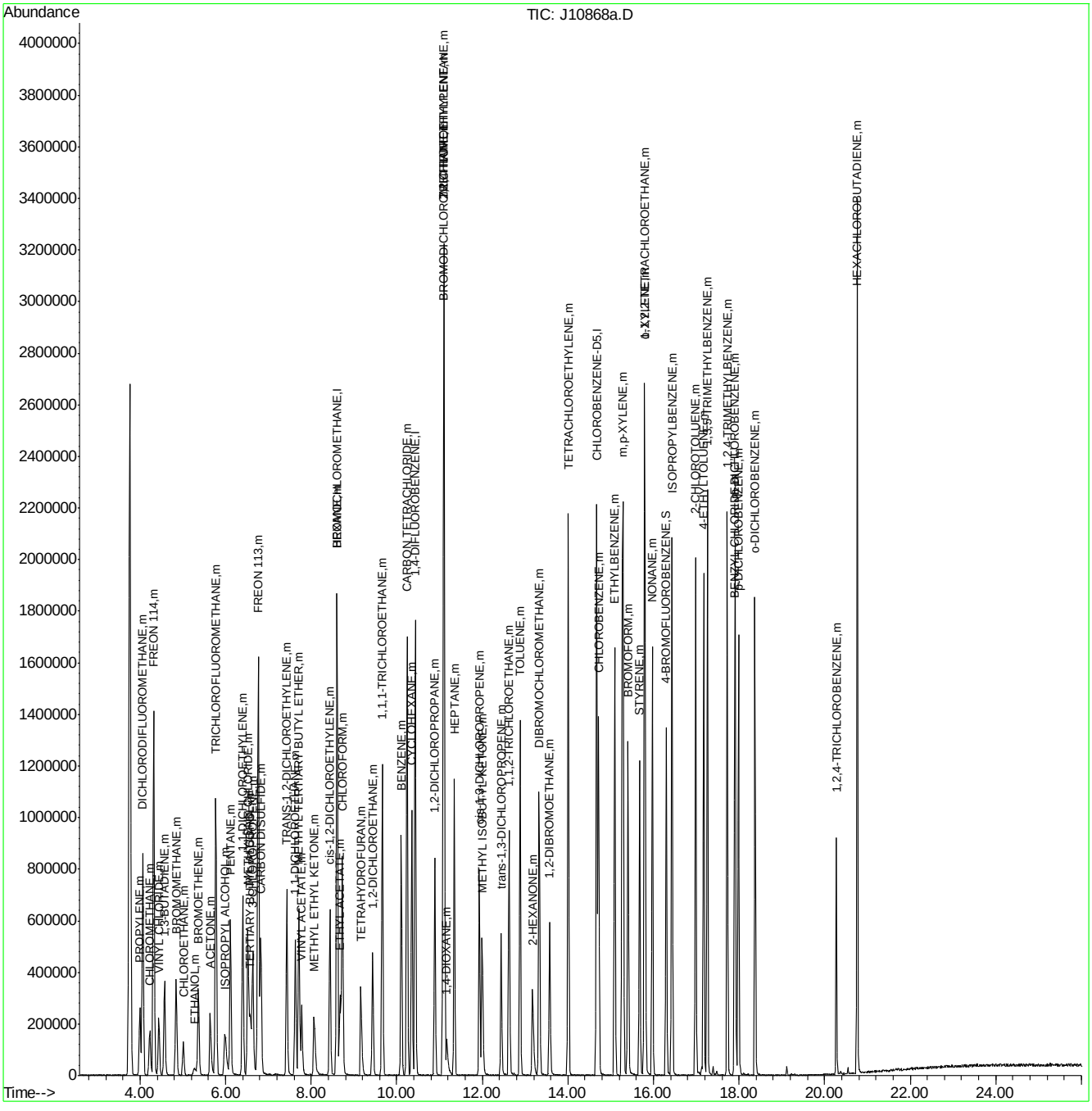
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.99	43	470043	10.33	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.93	75	407474	10.95	PPBV	98
46) TOLUENE	12.88	92	578281	11.03	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.44	75	315716	9.17	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.62	83	292867	11.81	PPBV	99
50) 2-HEXANONE	13.17	43	357292	10.27	PPBV	98
51) TETRACHLOROETHYLENE	14.01	164	490819	11.51	PPBV	99
52) DIBROMOCHLOROMETHANE	13.33	129	721652	11.17	PPBV	100
53) 1,2-DIBROMOETHANE	13.57	107	497929	11.22	PPBV	100
54) CHLOROBENZENE	14.72	112	799062	10.99	PPBV	99
55) ETHYLBENZENE	15.09	91	1274341	11.17	PPBV	100
56) m,p-XYLENE	15.28	106	1066459	22.74	PPBV	91
57) o-XYLENE	15.79	106	537195	11.55	PPBV	100
58) STYRENE	15.68	104	641503	10.45	PPBV	99
59) NONANE	15.97	43	589203	11.86	PPBV	99
60) BROMOFORM	15.41	173	710773	11.64	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.80	83	717790	11.56	PPBV	100
63) ISOPROPYLBENZENE	16.43	105	1535173	11.66	PPBV	99
64) 2-CHLOROTOLUENE	16.98	91	1065316	11.72	PPBV	99
65) 4-ETHYLTOLUENE	17.17	105	1222135	10.70	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1242727	11.61	PPBV	100
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	1125219	11.80	PPBV	99
68) m-DICHLOROBENZENE	17.91	146	760499	11.23	PPBV	99
69) BENZYL CHLORIDE	17.89	91	525729	9.80	PPBV	100
70) p-DICHLOROBENZENE	17.98	146	679517	10.63	PPBV	99
71) o-DICHLOROBENZENE	18.37	146	702934	12.32	PPBV	100
72) HEXACHLOROBUTADIENE	20.76	225	565416	15.84	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	241387	11.45	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10868a.D
Acq On : 5 Jul 2007 5:56 pm
Operator : danat
Sample : cc562-10 (M080)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 05 18:24:49 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:30:53 2007
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
07/11/07 09:41

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10868.D
Acq On : 5 Jul 2007 5:56 pm
Operator : danat
Sample : icv562-10 (M080)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 05 18:24:49 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:30:53 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.60	128	347038	10.00	PPBV	-0.01
35) 1,4-DIFLUOROBENZENE	10.43	114	1501760	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1335133	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.30	95	446244	5.44	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 108.80%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	1061110	9.42	PPBV	100
3) PROPYLENE	3.99	41	183358	10.60	PPBV	96
4) FREON 114	4.32	85	975926	9.85	PPBV	99
5) CHLOROMETHANE	4.23	50	255655	9.93	PPBV	94
6) VINYL CHLORIDE	4.44	62	301471	10.50	PPBV	99
7) 1,3-BUTADIENE	4.57	39	232443	11.26	PPBV	98
8) BROMOMETHANE	4.84	94	332070	10.01	PPBV	99
9) CHLOROETHANE	5.01	64	140388	10.56	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.77	101	1134544	9.90	PPBV	100
11) ISOPROPYL ALCOHOL	5.99	45	376740m	10.92	PPBV	
12) ACETONE	5.64	43	394061	9.71	PPBV	99
13) PENTANE	6.12	42	281678	10.41	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.40	96	307939	10.16	PPBV	100
15) CARBON DISULFIDE	6.82	76	926519	9.44	PPBV	99
16) ETHANOL	5.26	45	67215	10.80	PPBV #	65
17) BROMOETHENE	5.36	106	320378	10.94	PPBV	99
18) METHYLENE CHLORIDE	6.52	84	301838	9.92	PPBV	99
19) 3-CHLOROPROPENE	6.63	39	273020	10.74	PPBV	98
20) FREON 113	6.76	151	667835	9.23	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.43	96	313361	10.47	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.57	59	462173	11.77	PPBV	93
23) METHYL TERTIARY BUTYL ETHE	7.71	73	685448	11.76	PPBV	99
24) TETRAHYDROFURAN	9.16	42	218377	11.59	PPBV	98
25) HEXANE	8.61	57	365581	9.63	PPBV	97
26) VINYL ACETATE	7.78	43	440550	11.01	PPBV	97
27) 1,1-DICHLOROETHANE	7.63	63	545669	10.33	PPBV	100
28) METHYL ETHYL KETONE	8.07	43	425680	10.63	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.44	96	301089	10.37	PPBV	99
30) ETHYL ACETATE	8.67	43	462107	10.49	PPBV	100
31) CHLOROFORM	8.72	83	772083	10.29	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.66	97	843732	10.35	PPBV	99
33) CARBON TETRACHLORIDE	10.24	117	1036248	10.31	PPBV	99
34) 1,2-DICHLOROETHANE	9.43	62	456550	11.14	PPBV	99
36) BENZENE	10.11	78	802906	11.34	PPBV	100
37) CYCLOHEXANE	10.35	84	361468	10.80	PPBV	98
38) TRICHLOROETHYLENE	11.10	95	428230	11.34	PPBV	99
39) 1,2-DICHLOROPROPANE	10.89	63	271622	11.36	PPBV	99
40) BROMODICHLOROMETHANE	11.08	83	736999	10.65	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.10	57	1295156	9.40	PPBV	99
42) 1,4-DIOXANE	11.17	88	136276	9.35	PPBV	92
43) HEPTANE	11.34	43	409530	10.88	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10868.D
Acq On : 5 Jul 2007 5:56 pm
Operator : danat
Sample : icv562-10 (M080)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 05 18:24:49 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:30:53 2007
Response via : Initial Calibration

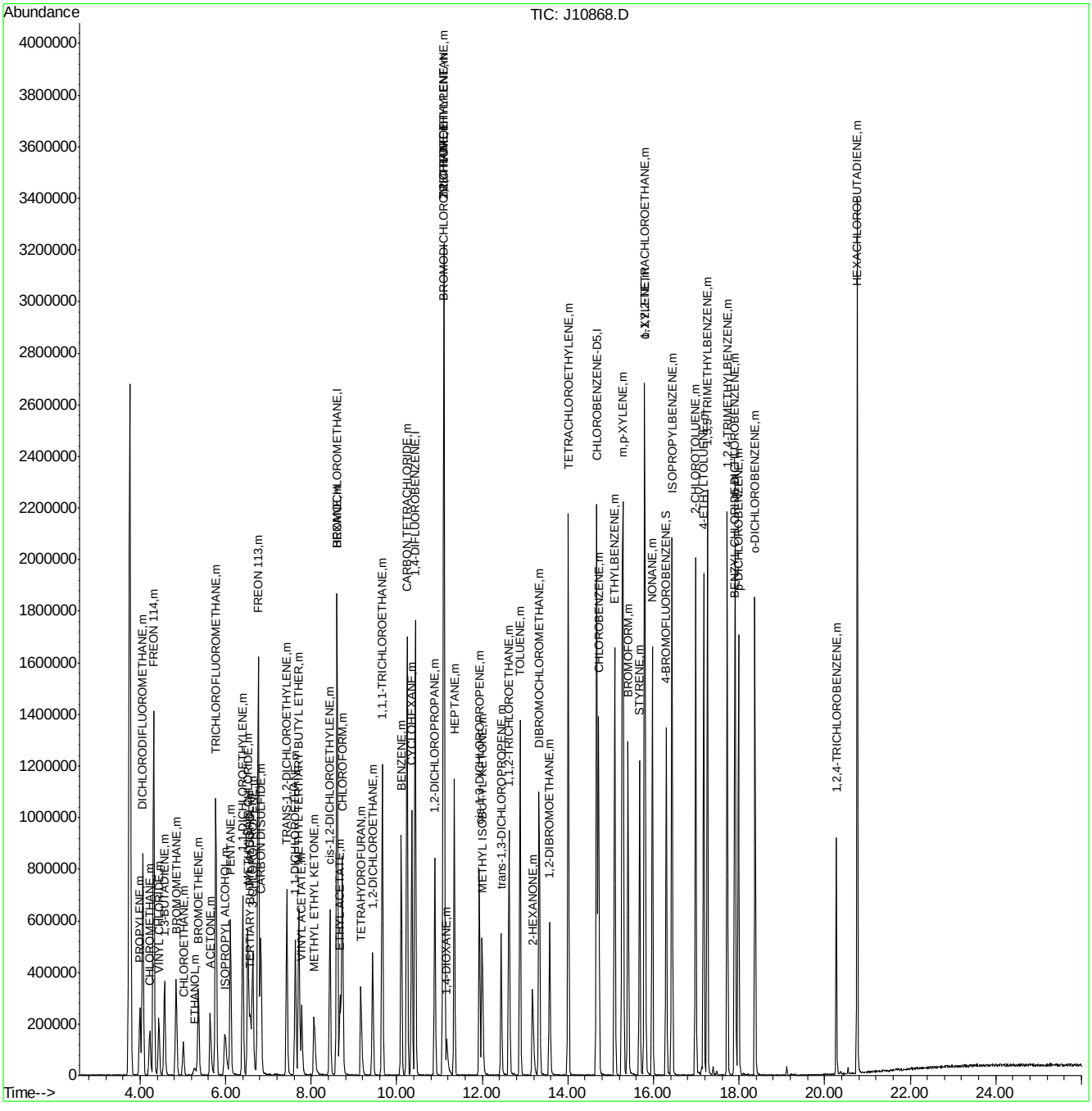
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.99	43	470043	10.33	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.93	75	407474	10.95	PPBV	98
46) TOLUENE	12.88	92	578281	11.03	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.44	75	315716	9.17	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.62	83	292867	11.81	PPBV	99
50) 2-HEXANONE	13.17	43	357292	10.27	PPBV	98
51) TETRACHLOROETHYLENE	14.01	164	490819	11.51	PPBV	99
52) DIBROMOCHLOROMETHANE	13.33	129	721652	11.17	PPBV	100
53) 1,2-DIBROMOETHANE	13.57	107	497929	11.22	PPBV	100
54) CHLOROBENZENE	14.72	112	799062	10.99	PPBV	99
55) ETHYLBENZENE	15.09	91	1274341	11.17	PPBV	100
56) m,p-XYLENE	15.28	106	1066459	22.74	PPBV	91
57) o-XYLENE	15.79	106	537195	11.55	PPBV	100
58) STYRENE	15.68	104	641503	10.45	PPBV	99
59) NONANE	15.97	43	589203	11.86	PPBV	99
60) BROMOFORM	15.41	173	710773	11.64	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.80	83	717790	11.56	PPBV	100
63) ISOPROPYLBENZENE	16.43	105	1535173	11.66	PPBV	99
64) 2-CHLOROTOLUENE	16.98	91	1065316	11.72	PPBV	99
65) 4-ETHYLTOLUENE	17.17	105	1222135	10.70	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1242727	11.61	PPBV	100
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	1125219	11.80	PPBV	99
68) m-DICHLOROBENZENE	17.91	146	760499	11.23	PPBV	99
69) BENZYL CHLORIDE	17.89	91	525729	9.80	PPBV	100
70) p-DICHLOROBENZENE	17.98	146	679517	10.63	PPBV	99
71) o-DICHLOROBENZENE	18.37	146	702934	12.32	PPBV	100
72) HEXACHLOROBUTADIENE	20.76	225	565416	15.84	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	241387	11.45	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10868.D
Acq On : 5 Jul 2007 5:56 pm
Operator : danat
Sample : icv562-10 (M080)
Misc : MS13866, MSJ562,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 05 18:24:49 2007
Quant Method : C:\MSDCHEM\1\METHODS\J070507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:30:53 2007
Response via : Initial Calibration



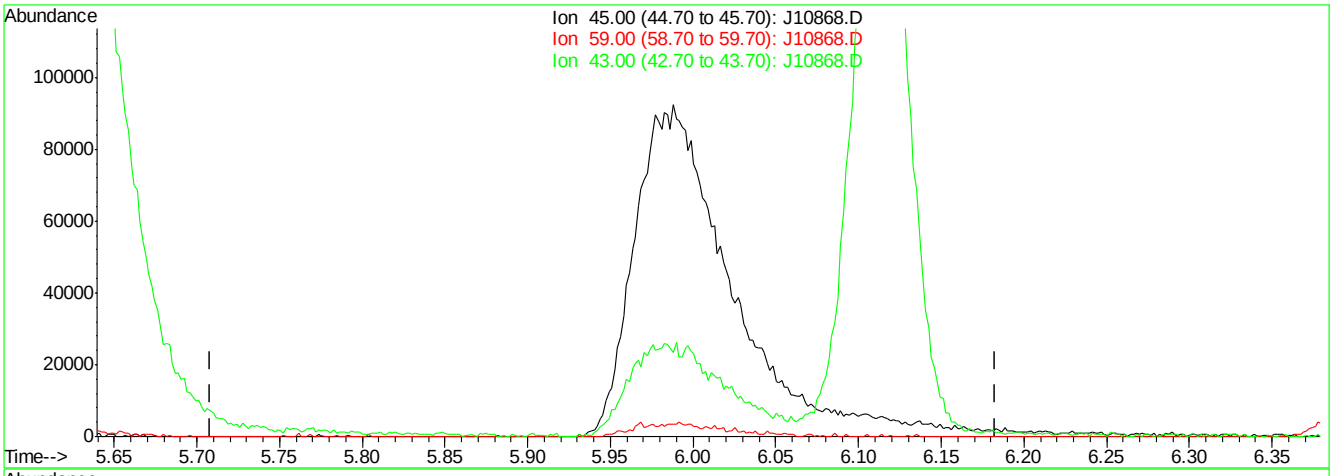
J070507T.M Fri Jul 06 11:20:11 2007 Page: 3

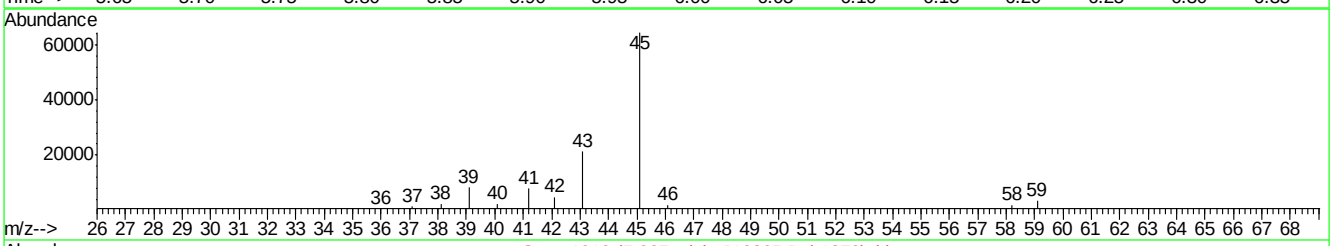
Quantitation Report (Qedit)

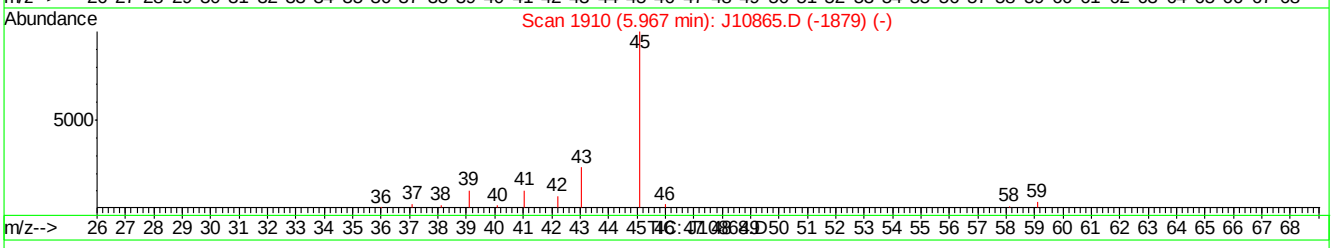
Data File : C:\MSDChem\1\data\J10868.D Vial: 3
Acq On : 5 Jul 2007 5:56 pm Operator: danat
Sample : icv562-10 (M080) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 18:23:26 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 17:30:53 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

5.97min 0.00PPBV

response 0

Ion	Exp%	Act%
45.00	100	0.00
59.00	3.60	0.00
43.00	24.20	0.00#
0.00	0.00	0.00

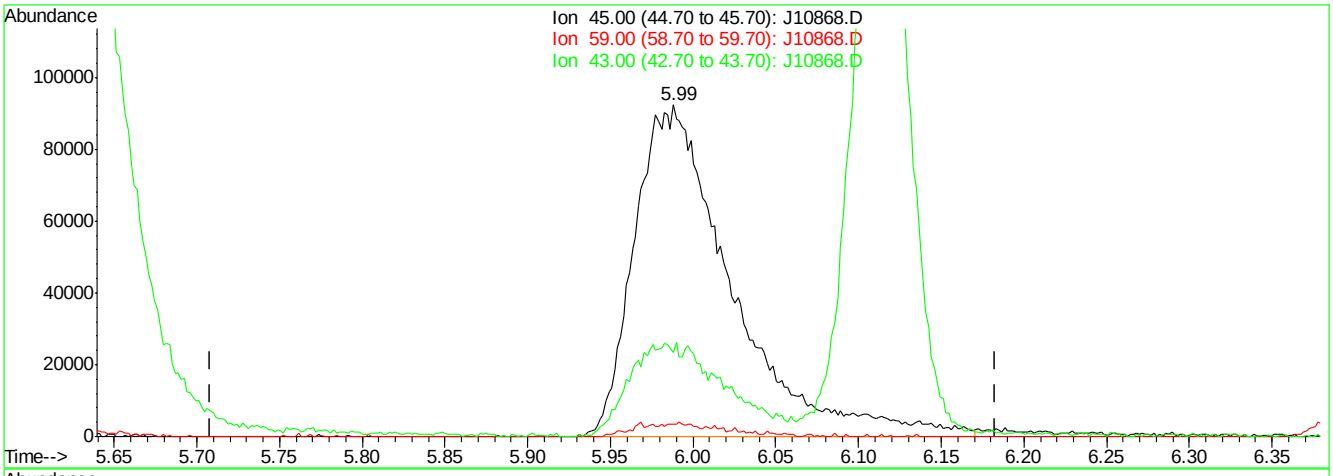
J10868.D J070507T.M Thu Jul 05 18:23:58 2007

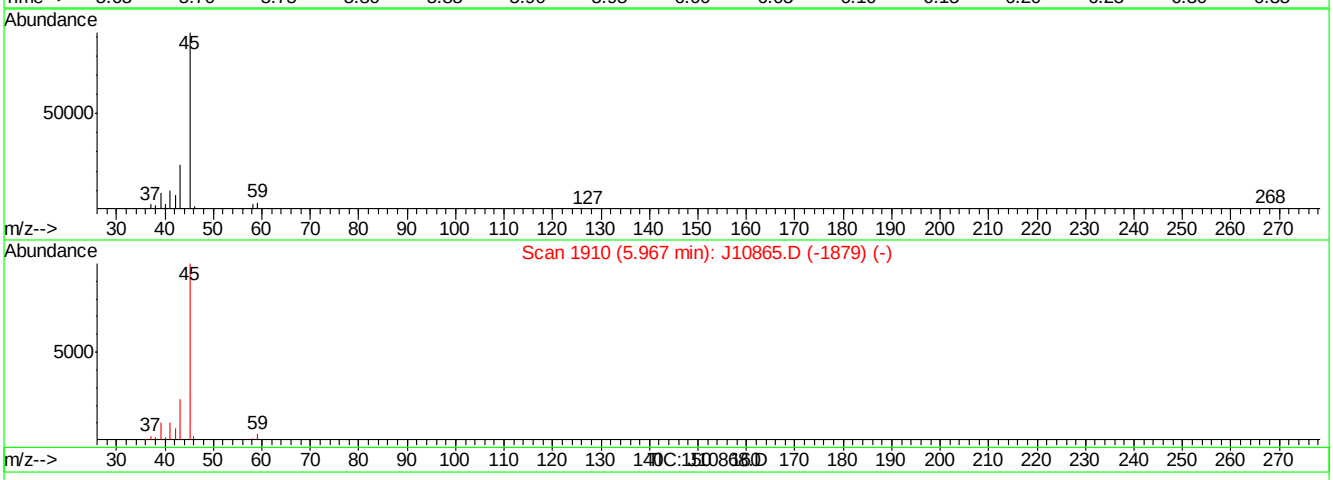
Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10868.D Vial: 3
Acq On : 5 Jul 2007 5:56 pm Operator: danat
Sample : icv562-10 (M080) Inst : MSJ
Misc : MS13866, MSJ562,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jul 05 18:23:26 2007 Results File: J070507T.RES

Method : C:\MSDCHEM\1\METHODS\J070507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jul 05 17:30:53 2007
Response via : Multiple Level Calibration





(11) ISOPROPYL ALCOHOL (m)

5.99min 10.92PPBV m

response 376740

Ion	Exp%	Act%
45.00	100	100
59.00	3.60	3.62
43.00	24.20	25.44
0.00	0.00	0.00

J10868.D J070507T.M Thu Jul 05 18:24:05 2007

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

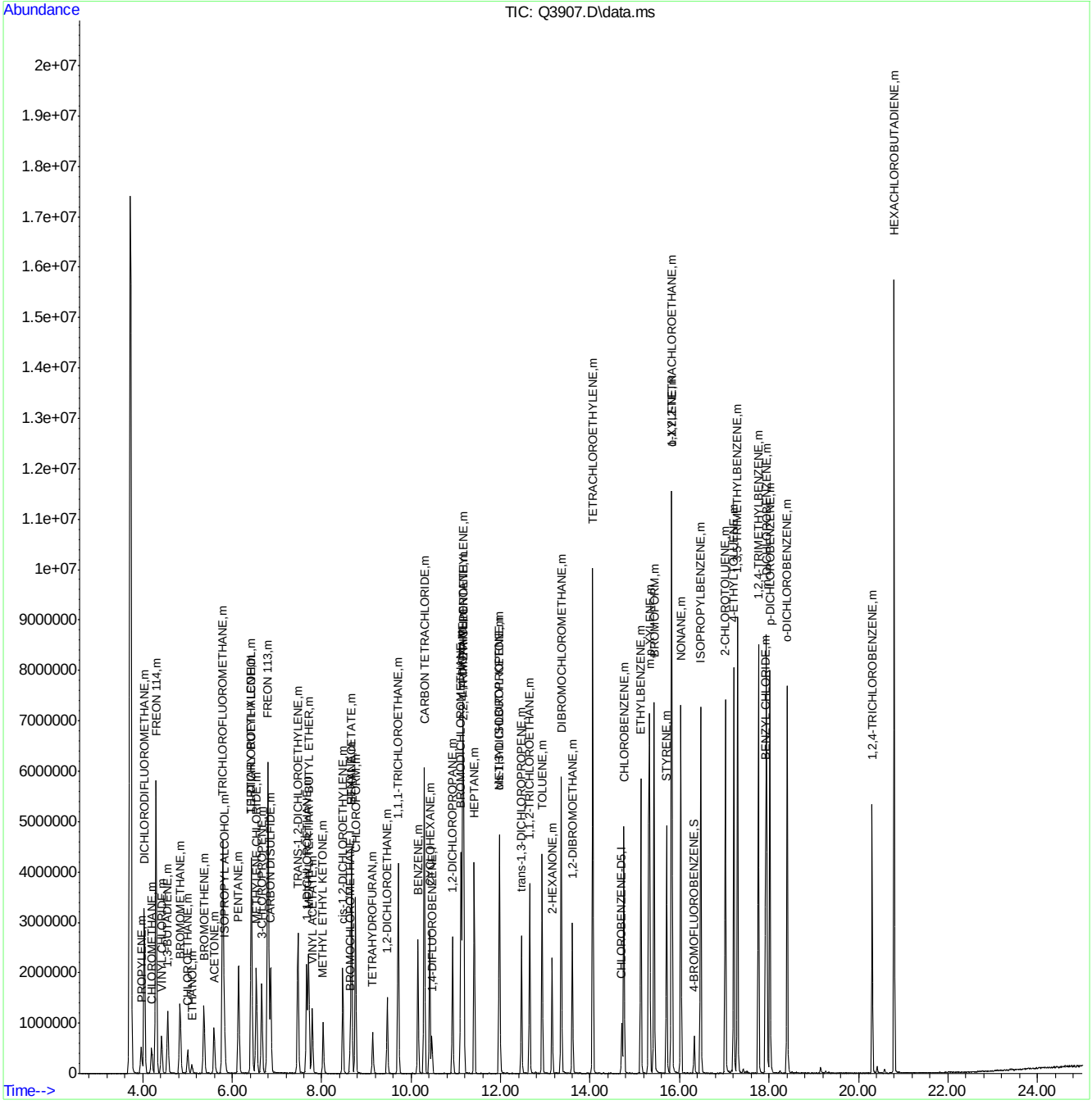
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.979	43	1614633	40.00	PPBV		90
45) cis-1,3-DICHLOROPROPENE	11.965	75	1273491	40.00	PPBV		91
46) TOLUENE	12.927	92	1350727	40.00	PPBV		99
47) trans-1,3-DICHLOROPROPENE	12.465	75	1092044	40.00	PPBV		95
48) 1,1,2-TRICHLOROETHANE	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



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

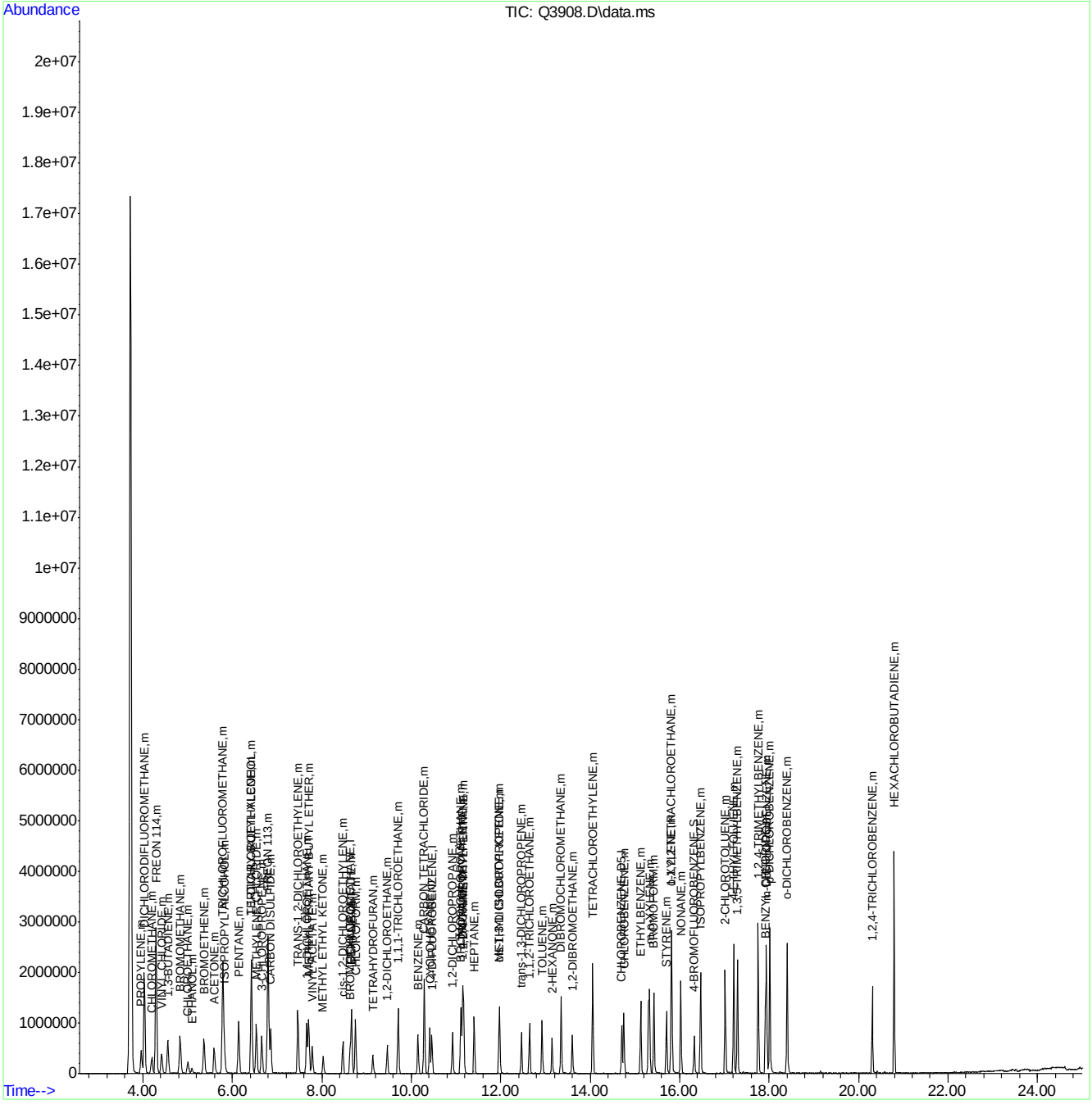
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.977	43	531788	20.00	PPBV		88
45) cis-1,3-DICHLOROPROPENE	11.964	75	348397	20.00	PPBV	#	80
46) TOLUENE	12.925	92	347112	20.00	PPBV		99
47) trans-1,3-DICHLOROPROPENE	12.463	75	330243	20.00	PPBV		93
48) 1,1,2-TRICHLOROETHANE	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

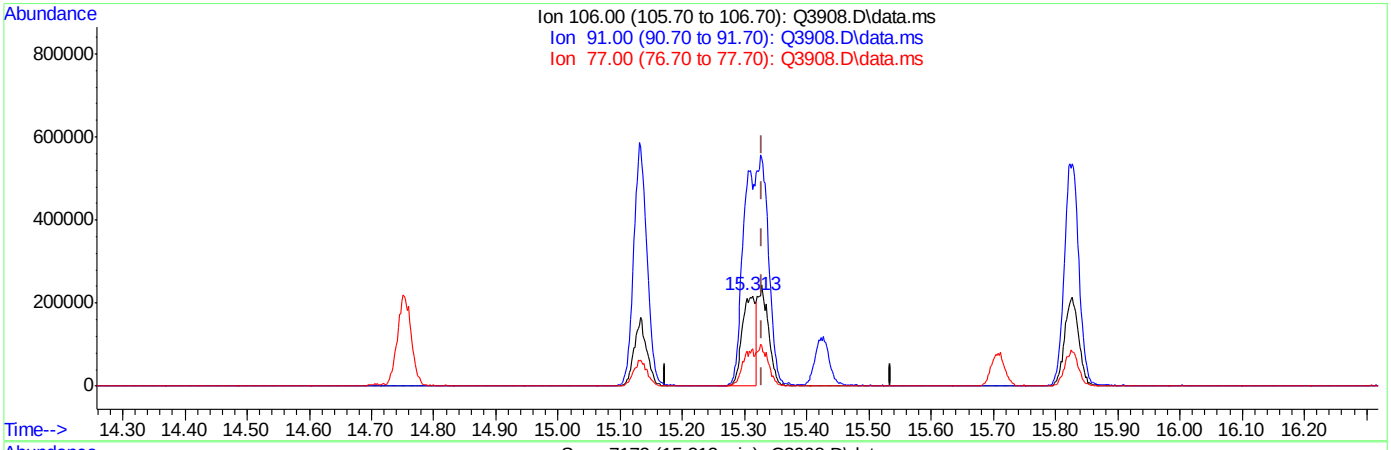


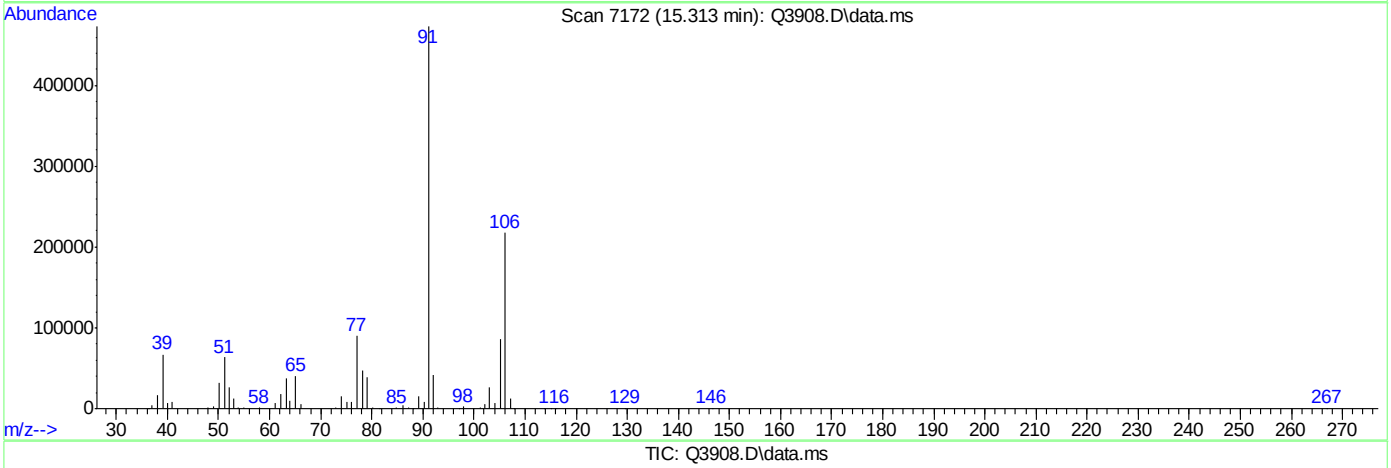
ACCUTEST Laboratories
M68147

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

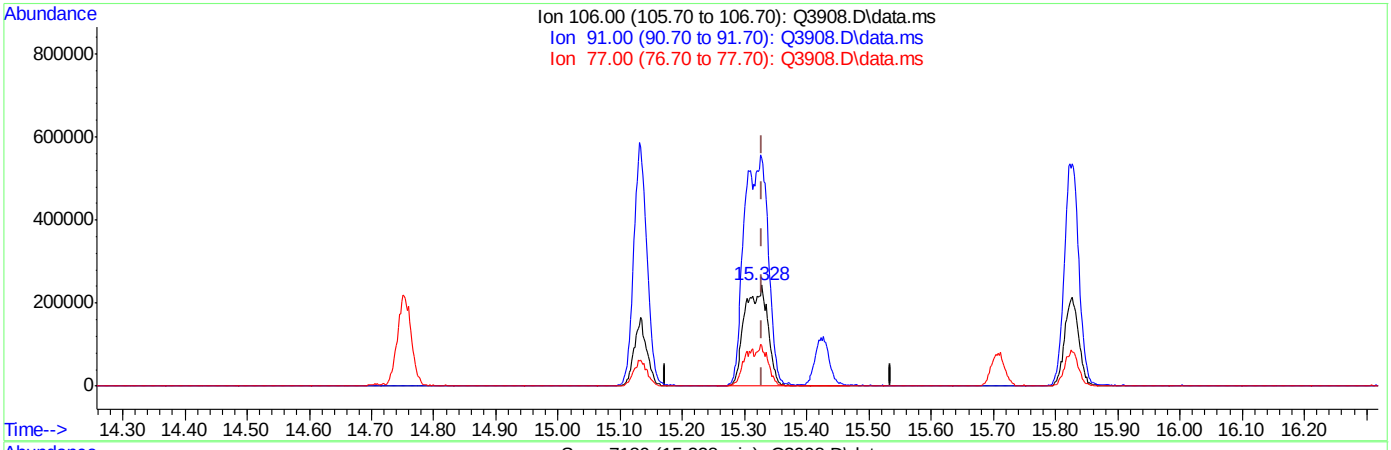
response 330043

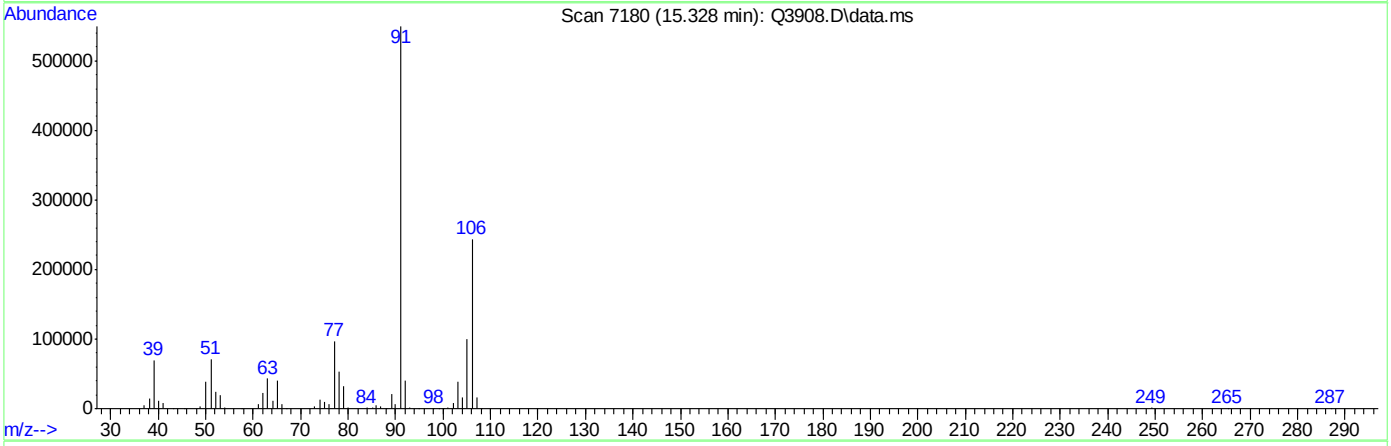
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	217.47
77.00	27.30	41.35#
0.00	0.00	0.00

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

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

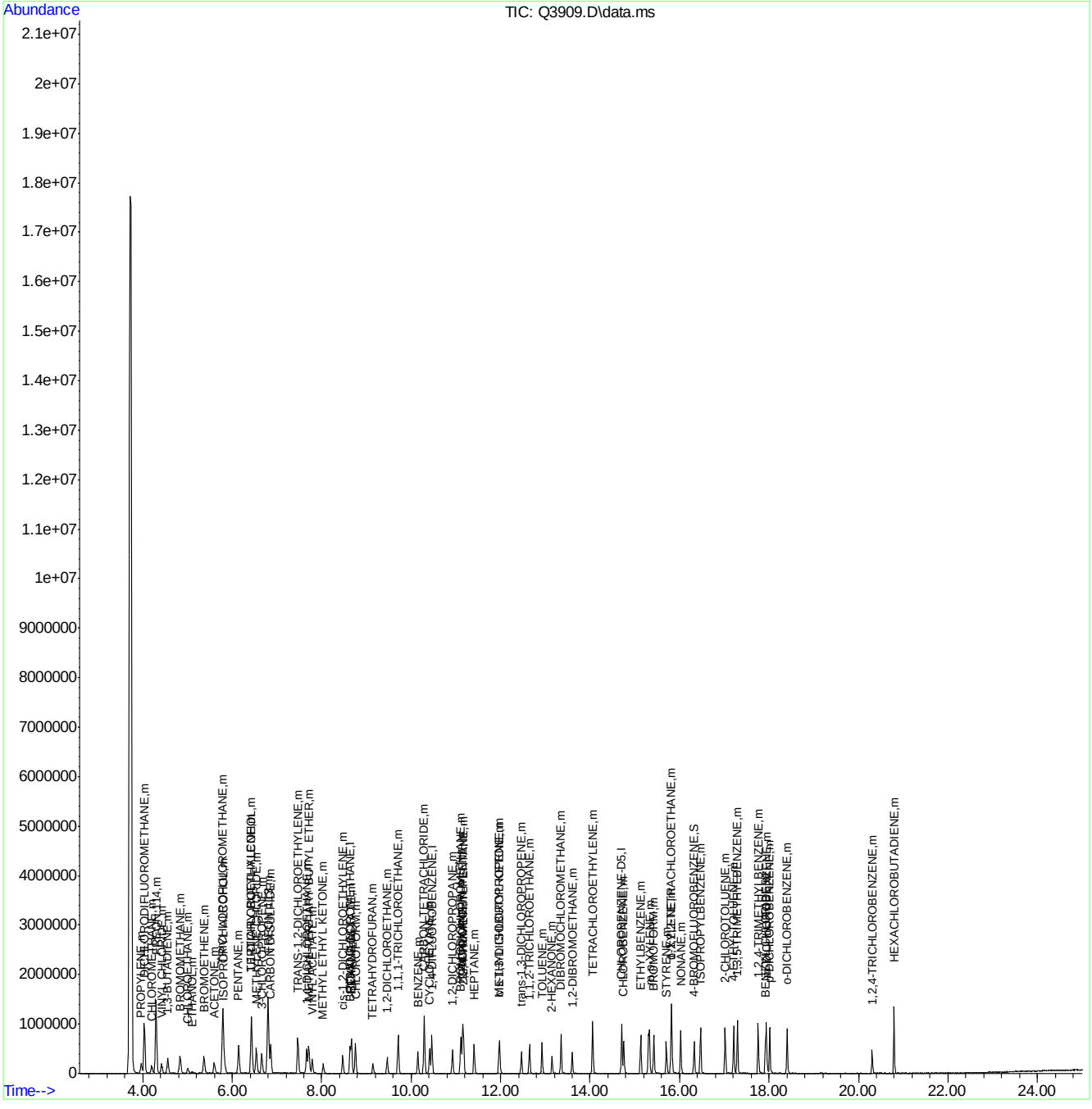
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.983	43	262956	10.00 PPBV	89
45) cis-1,3-DICHLOROPROPENE	11.967	75	192554	10.00 PPBV #	82
46) TOLUENE	12.923	92	188668	10.00 PPBV	95
47) trans-1,3-DICHLOROPROPENE	12.465	75	193632	10.00 PPBV	93
48) 1,1,2-TRICHLOROETHANE	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

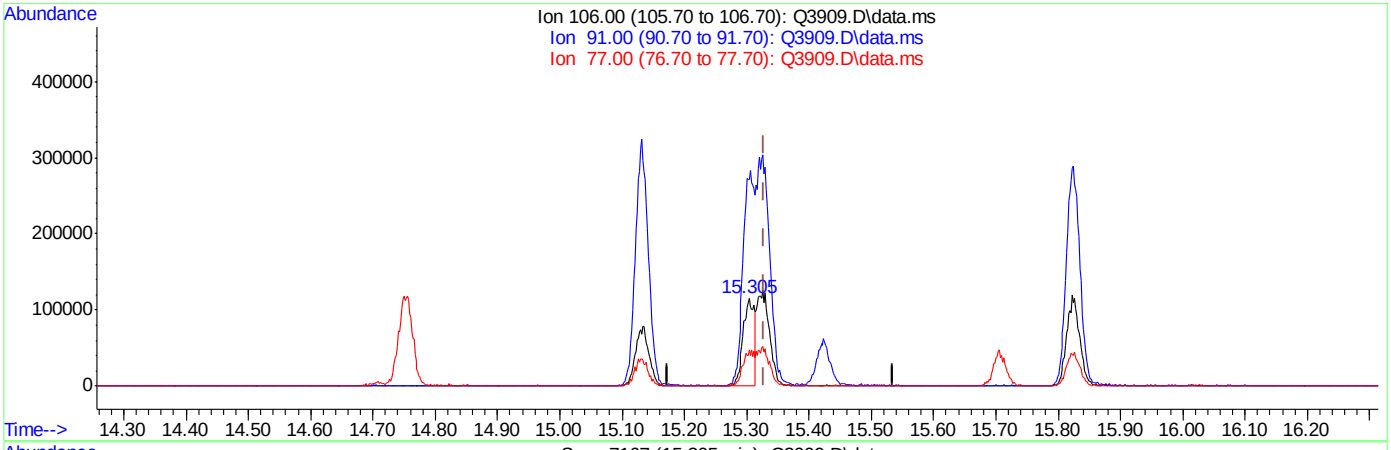
Quant Time: Jul 05 16:16:12 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:15:52 2007
Response via : Initial Calibration

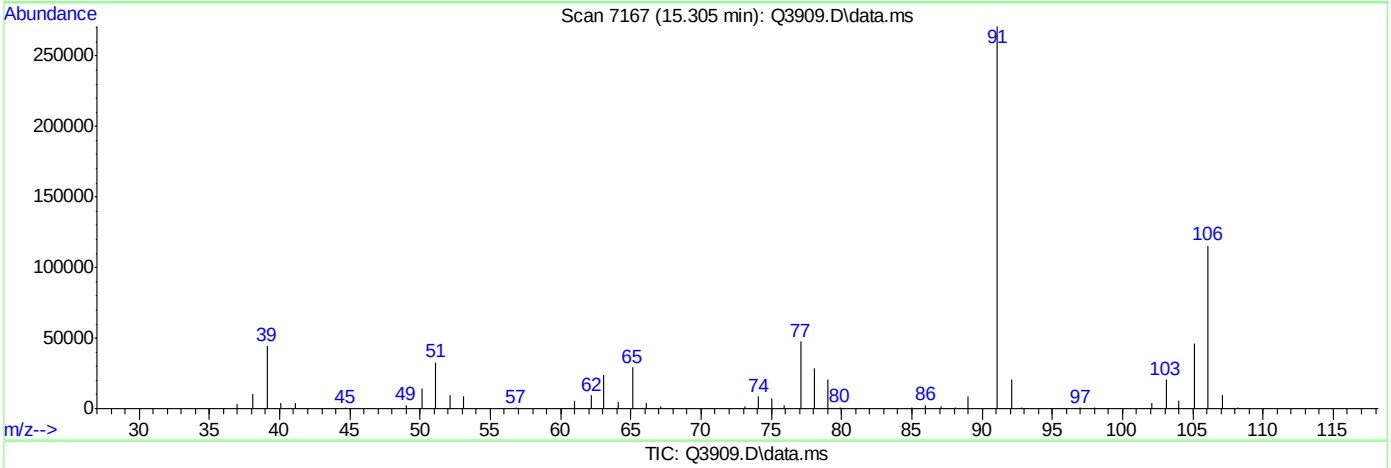


Quantitation Report (Qedit)

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

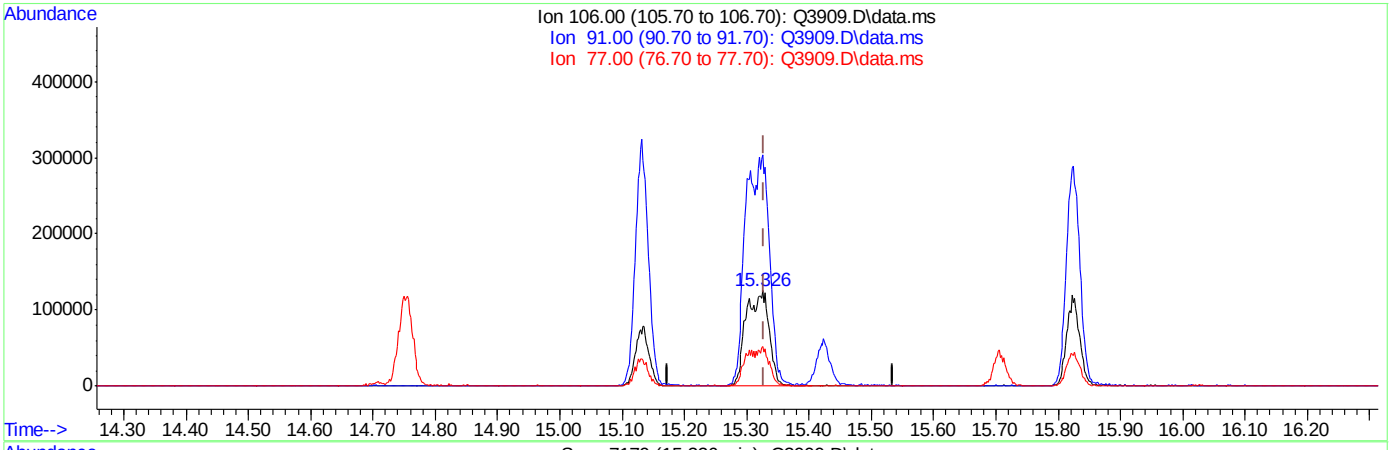
response 144645

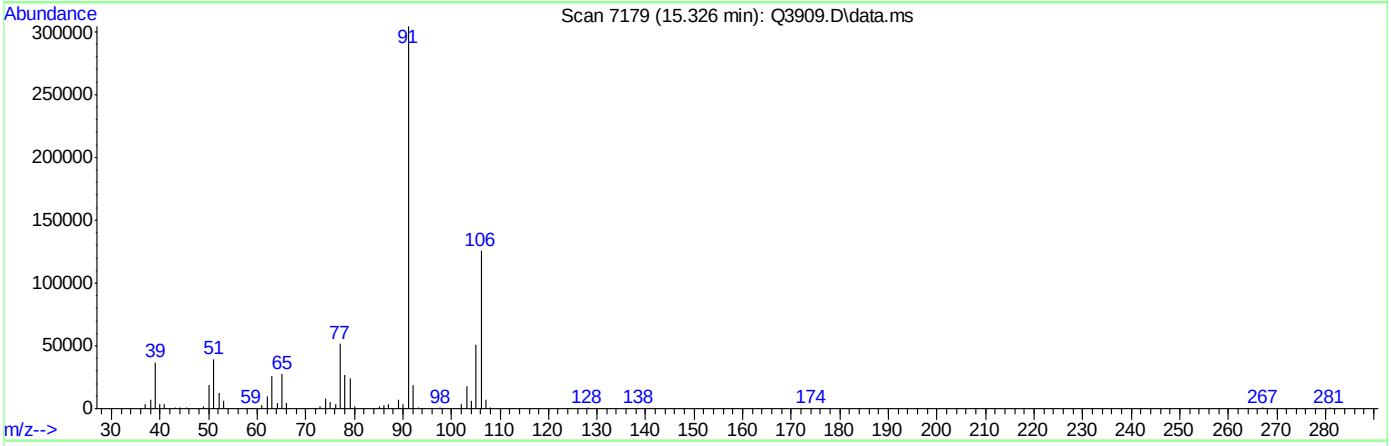
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	234.69
77.00	27.30	41.03#
0.00	0.00	0.00

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 M68147

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

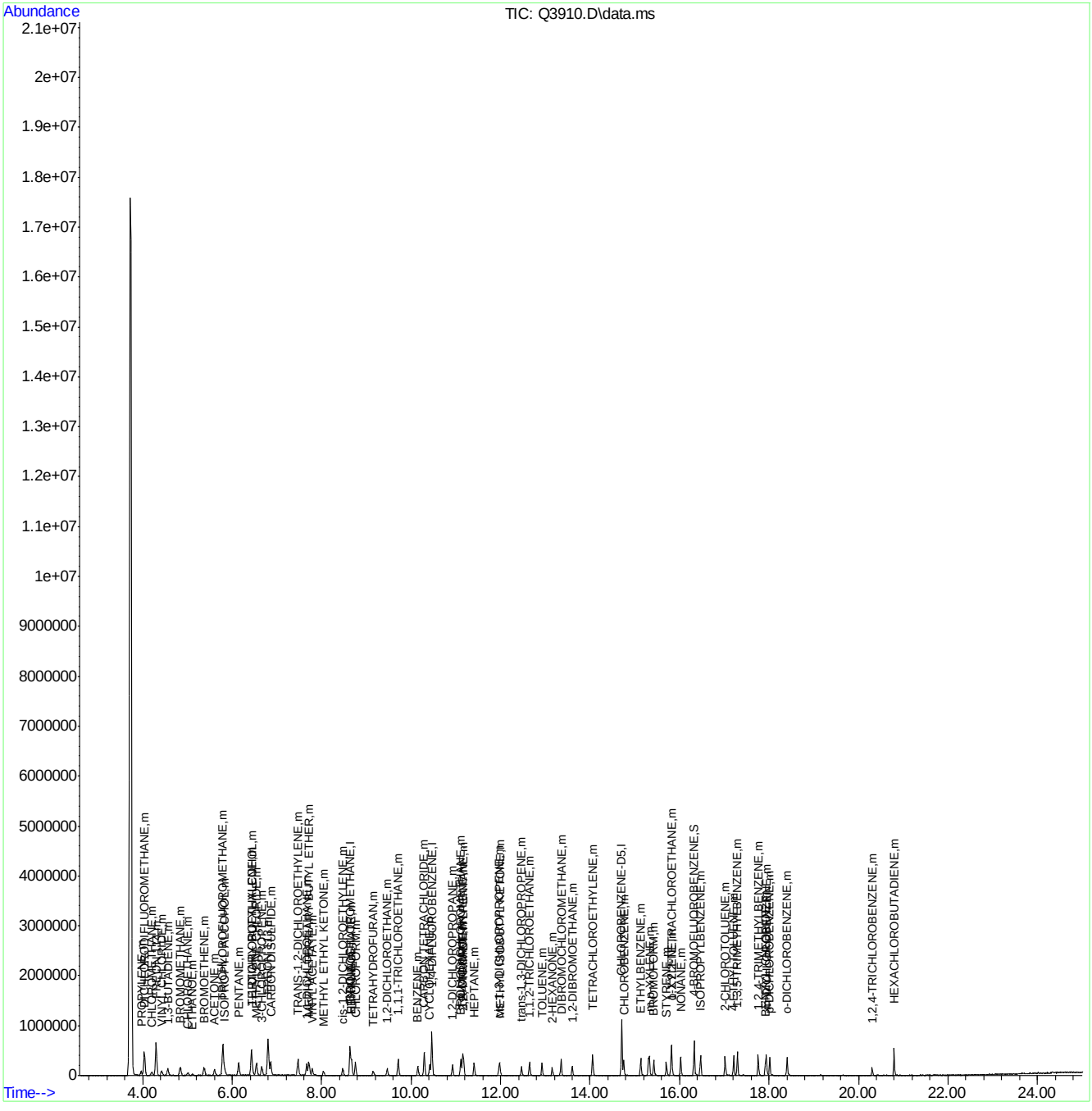
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.984	43	115411	5.00	PPBV		86
45) cis-1,3-DICHLOROPROPENE	11.966	75	79506	5.00	PPBV	#	81
46) TOLUENE	12.927	92	78428	5.00	PPBV		98
47) trans-1,3-DICHLOROPROPENE	12.463	75	75800	5.00	PPBV		91
48) 1,1,2-TRICHLOROETHANE	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

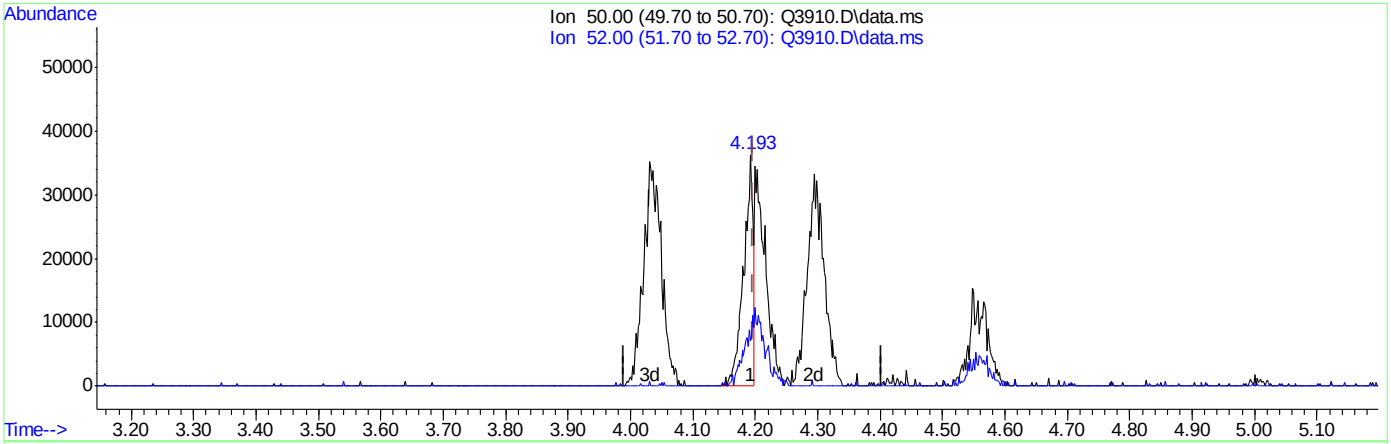
Quant Time: Jul 05 16:19:54 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:17:57 2007
Response via : Initial Calibration

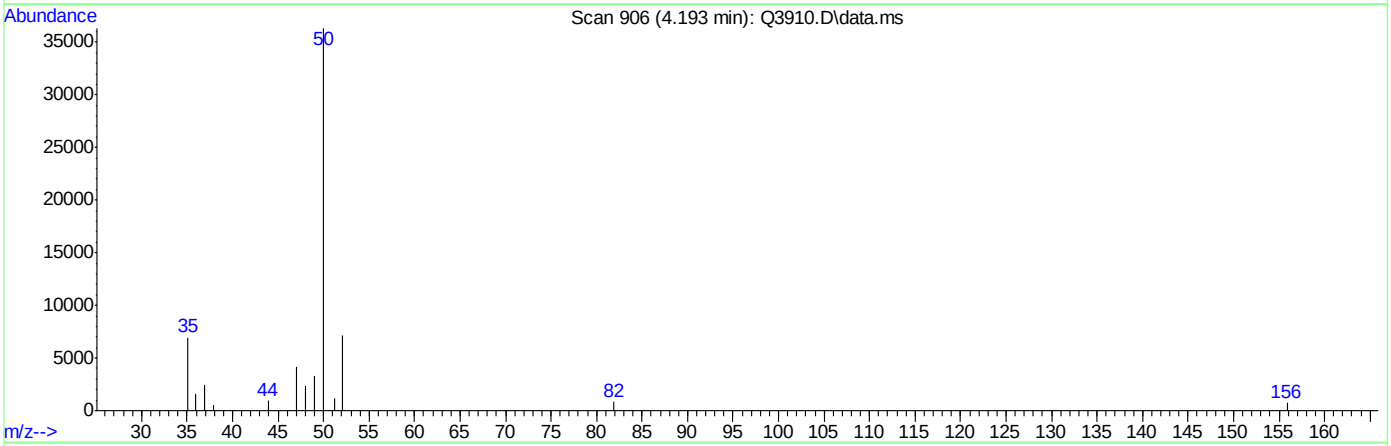


Quantitation Report (Qedit)

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

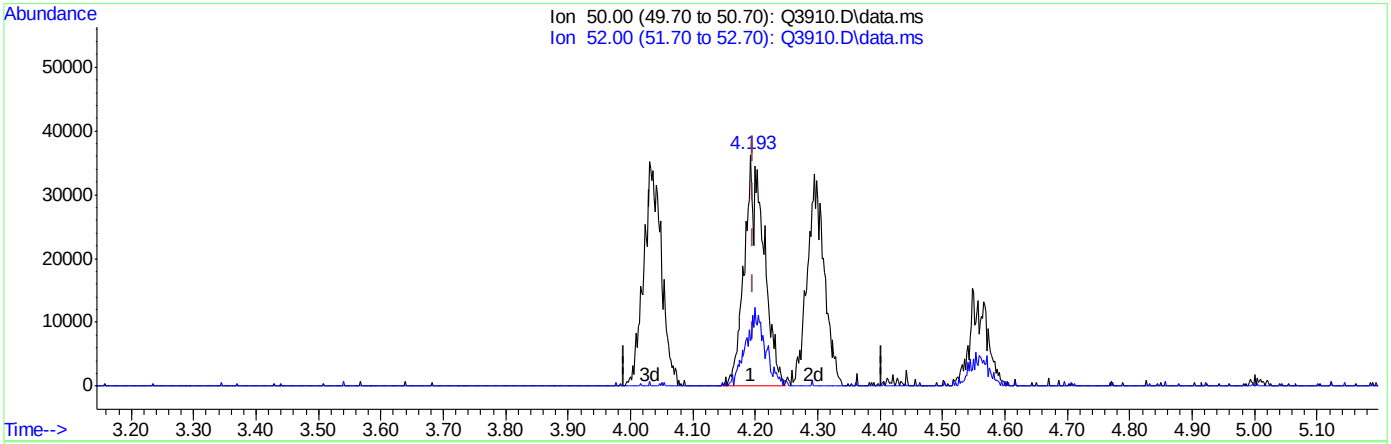
response 38843

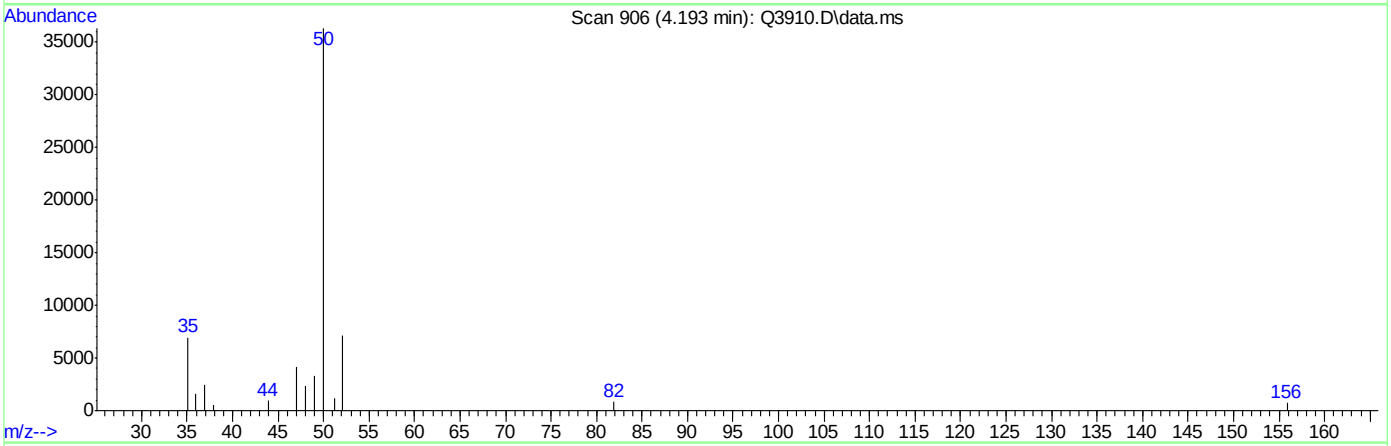
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	10.27#
0.00	0.00	0.00
0.00	0.00	0.00

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

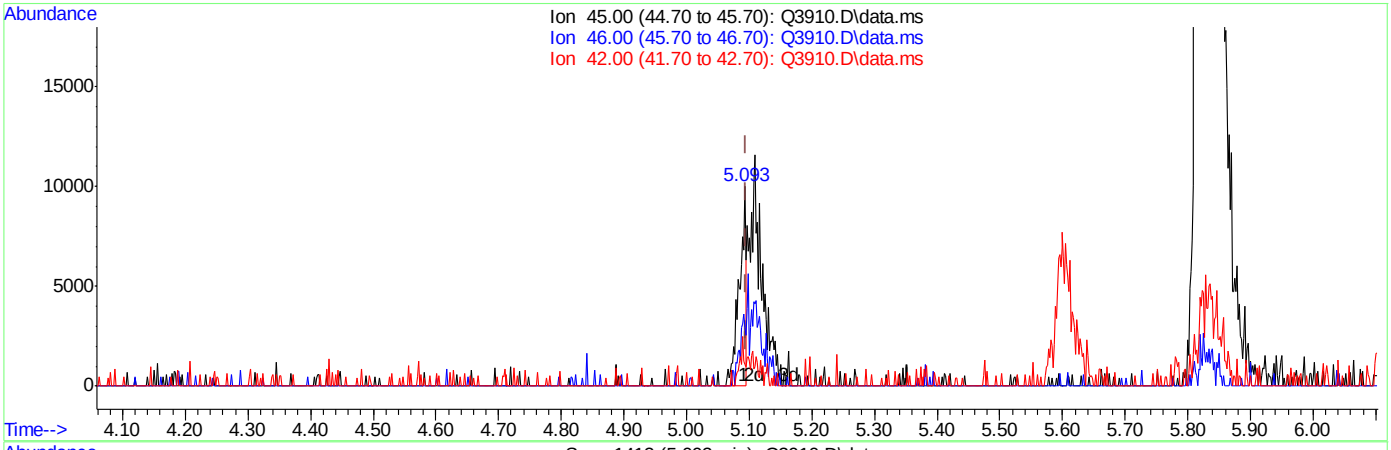
response 79960

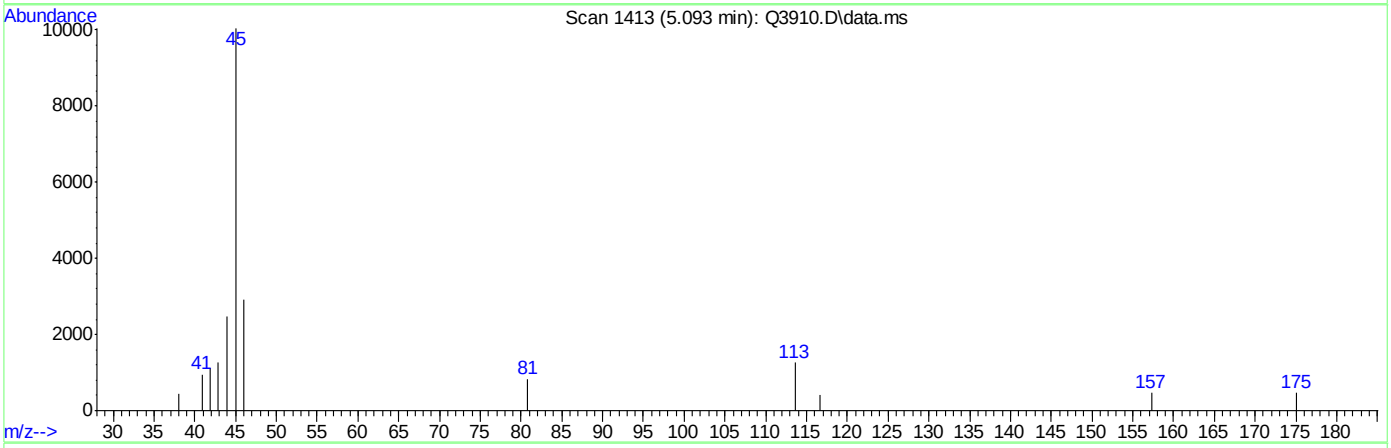
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	19.75
0.00	0.00	0.00
0.00	0.00	0.00

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

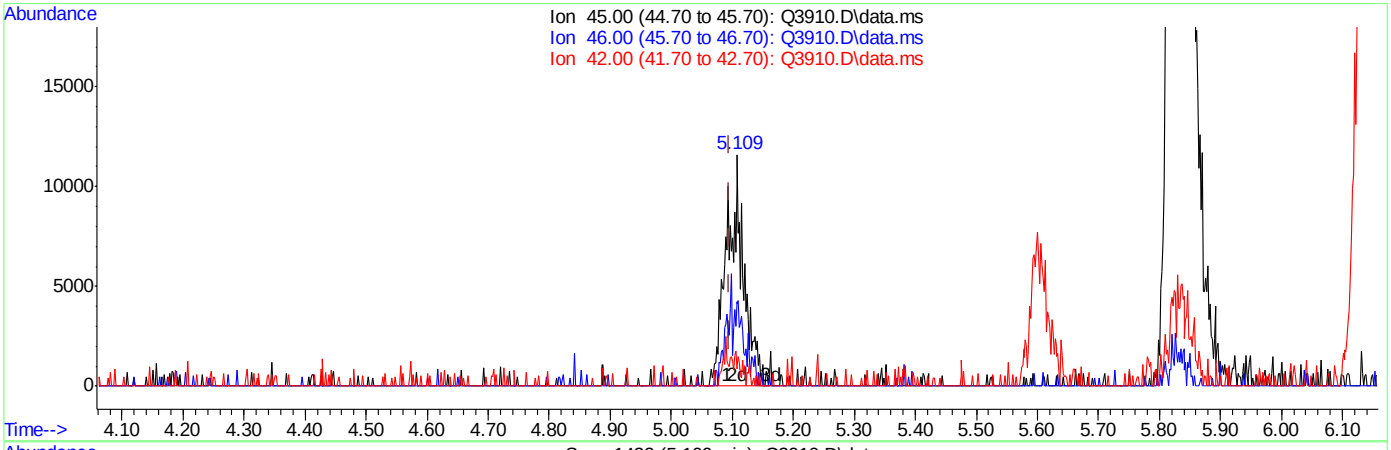
response 7218

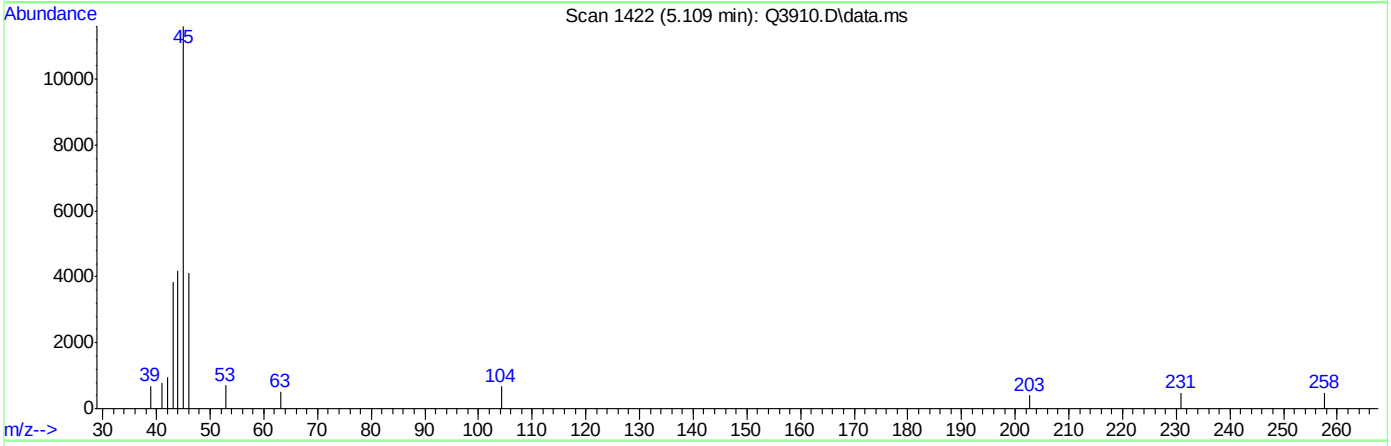
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	66.00#
42.00	8.40	16.79
0.00	0.00	0.00

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

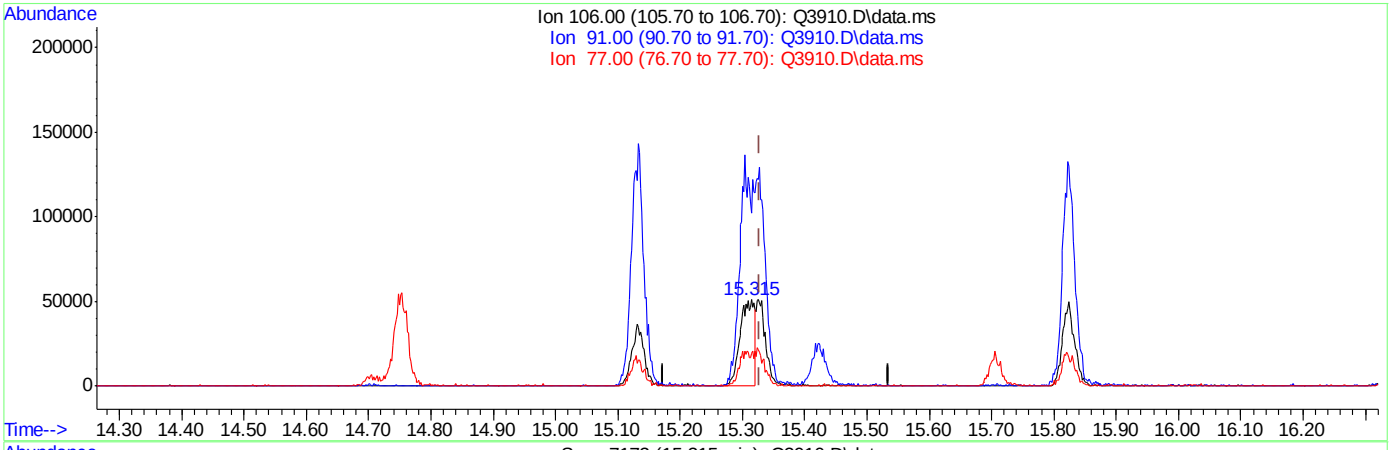
response 22919

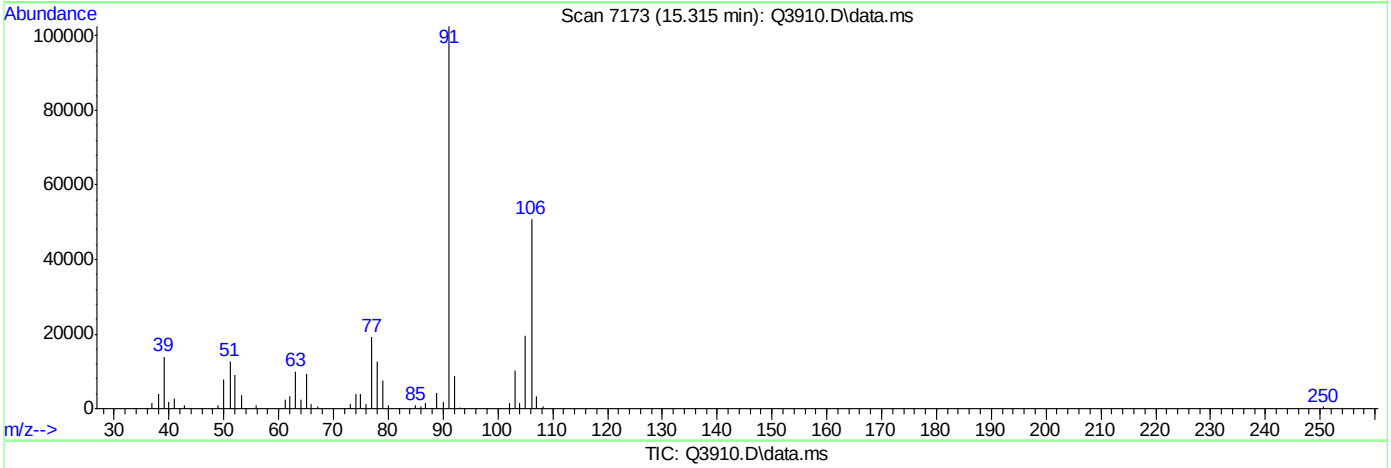
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	20.79
42.00	8.40	5.29
0.00	0.00	0.00

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

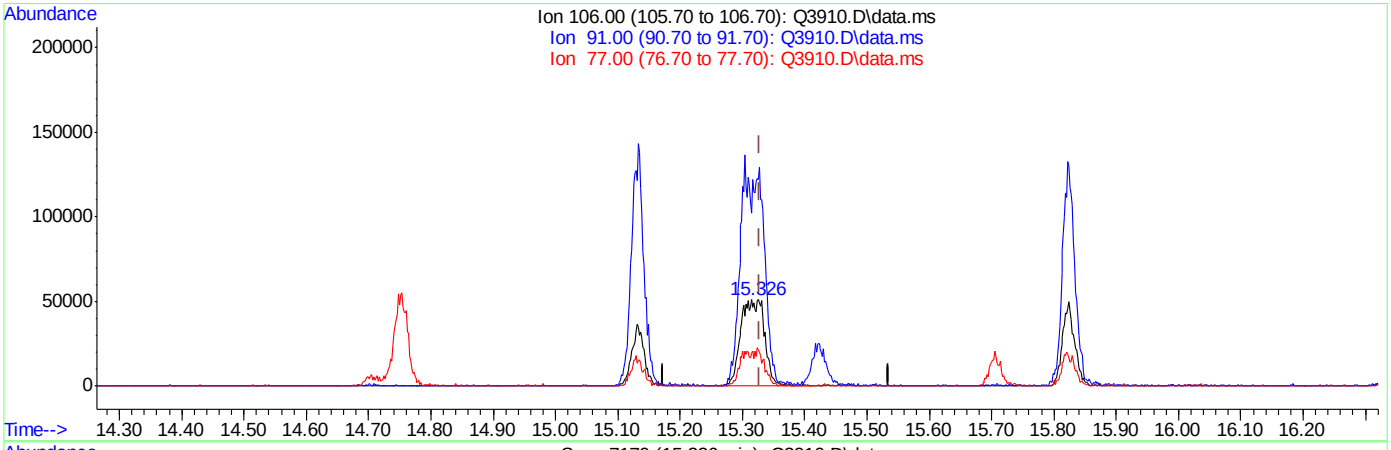
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	201.29
77.00	27.30	37.65#
0.00	0.00	0.00

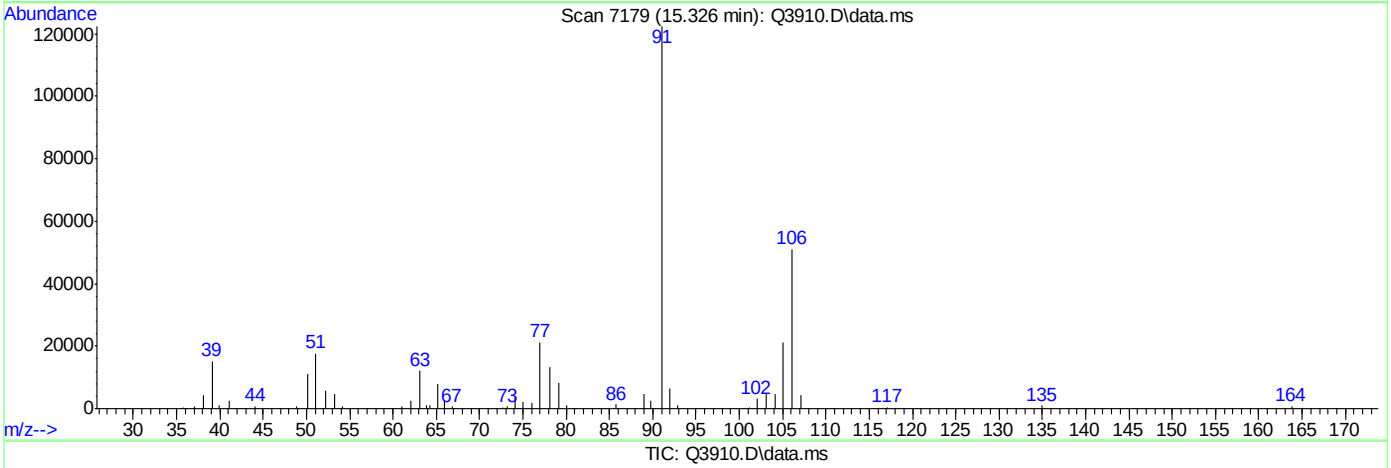
ACCUTEST Laboratories M68147

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

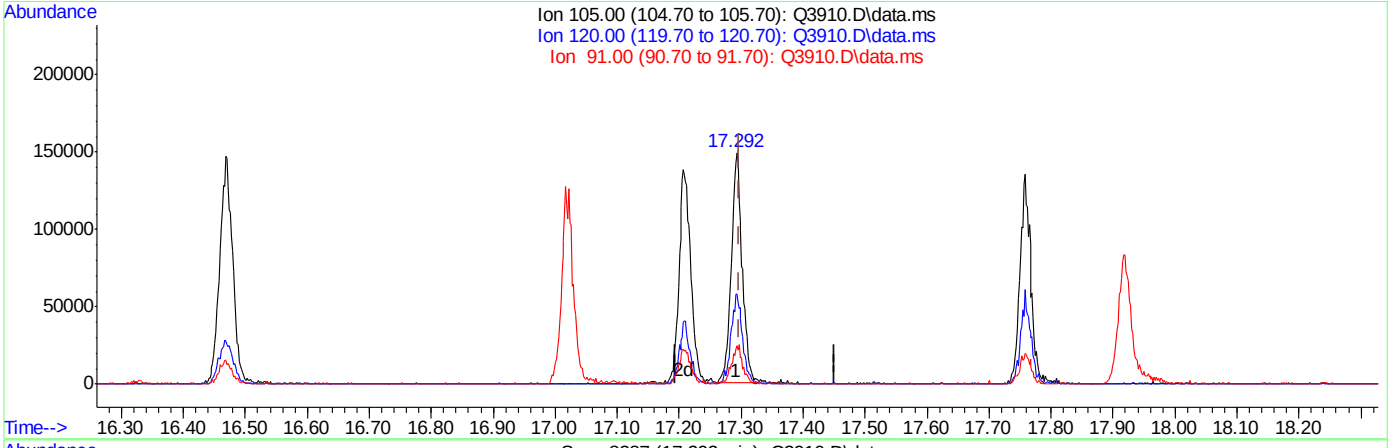
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	240.13
77.00	27.30	41.57#
0.00	0.00	0.00

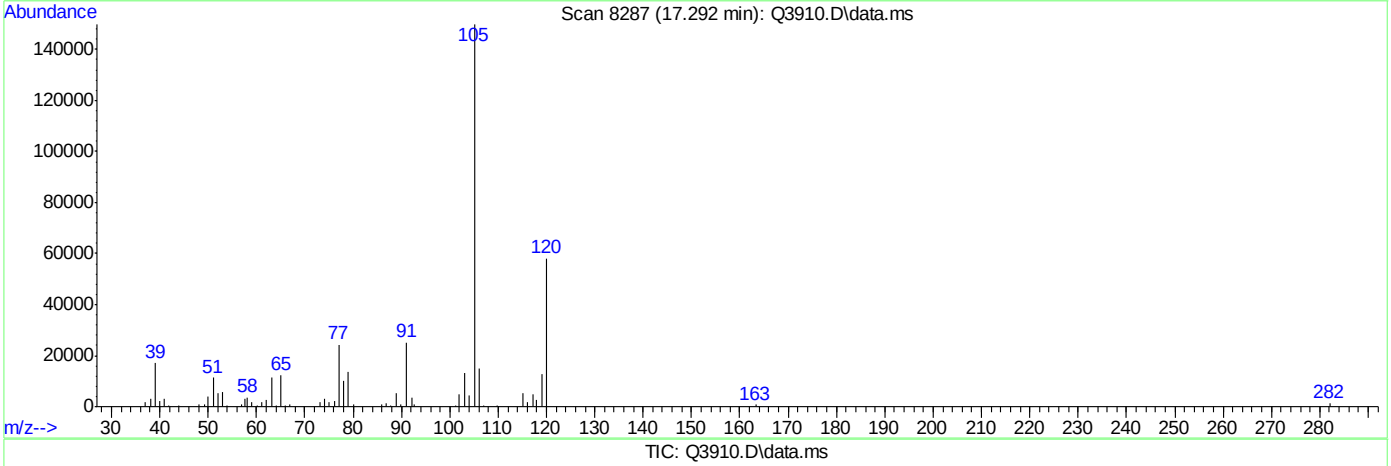
ACCUTEST Laboratories M68147

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

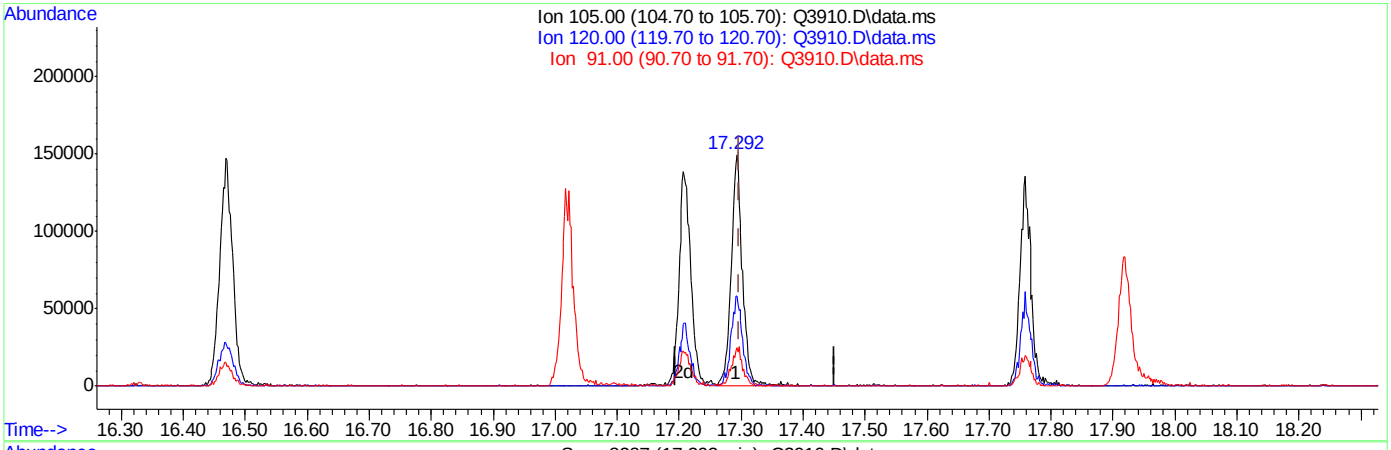
response 186509

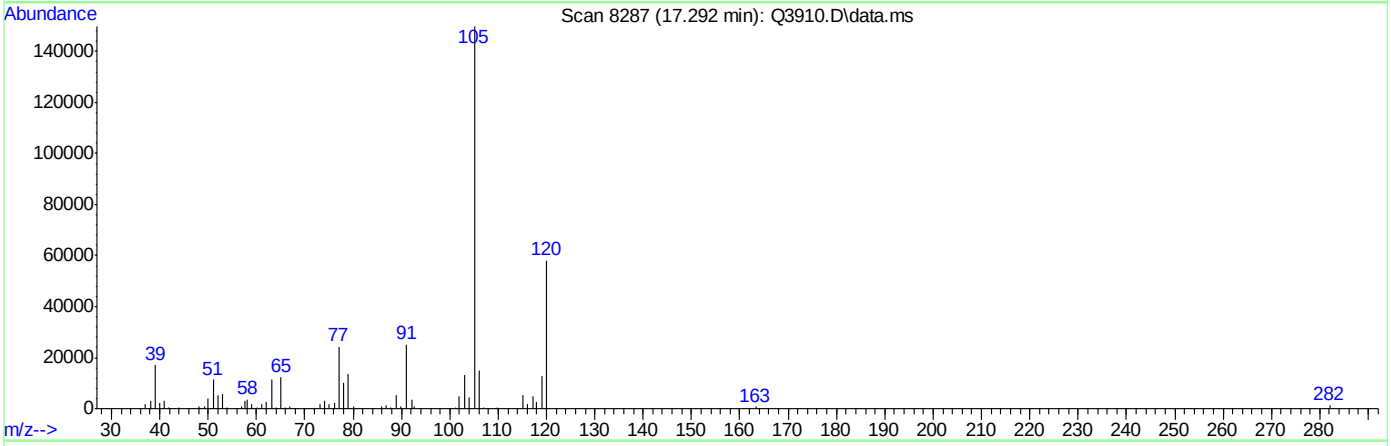
Ion	Exp%	Act%
105.00	100	100
120.00	48.50	42.14
91.00	11.20	17.59
0.00	0.00	0.00

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

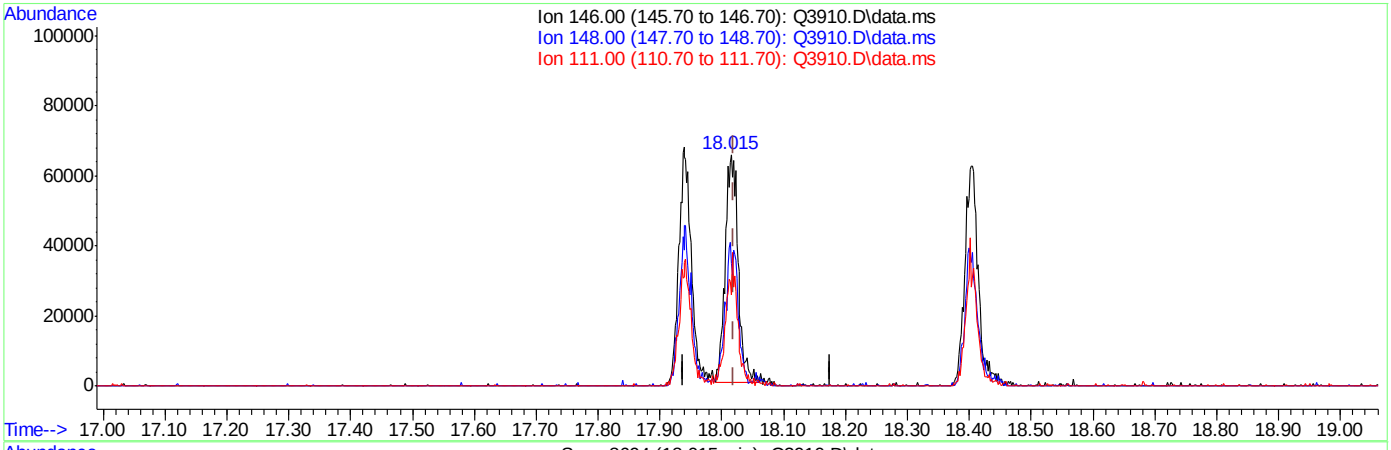
response 195236

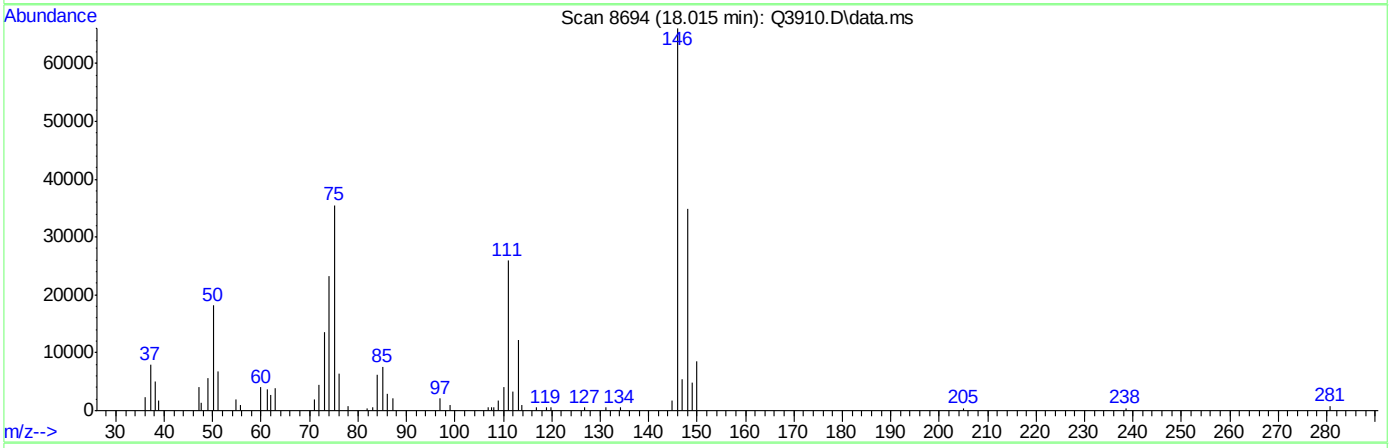
Ion	Exp%	Act%
105.00	100	100
120.00	48.50	40.25
91.00	11.20	16.81
0.00	0.00	0.00

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

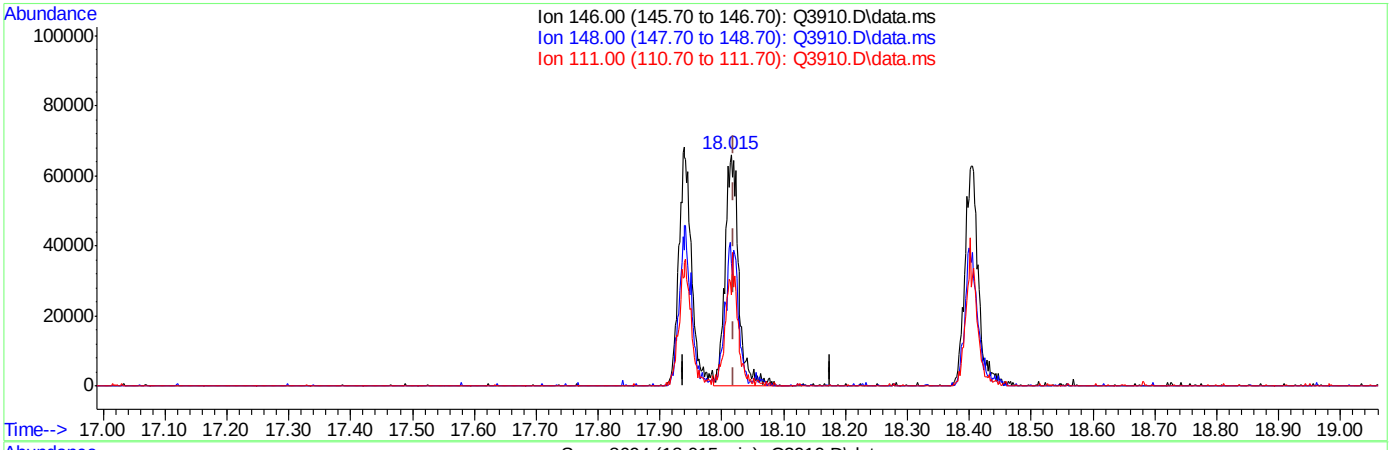
response 94578

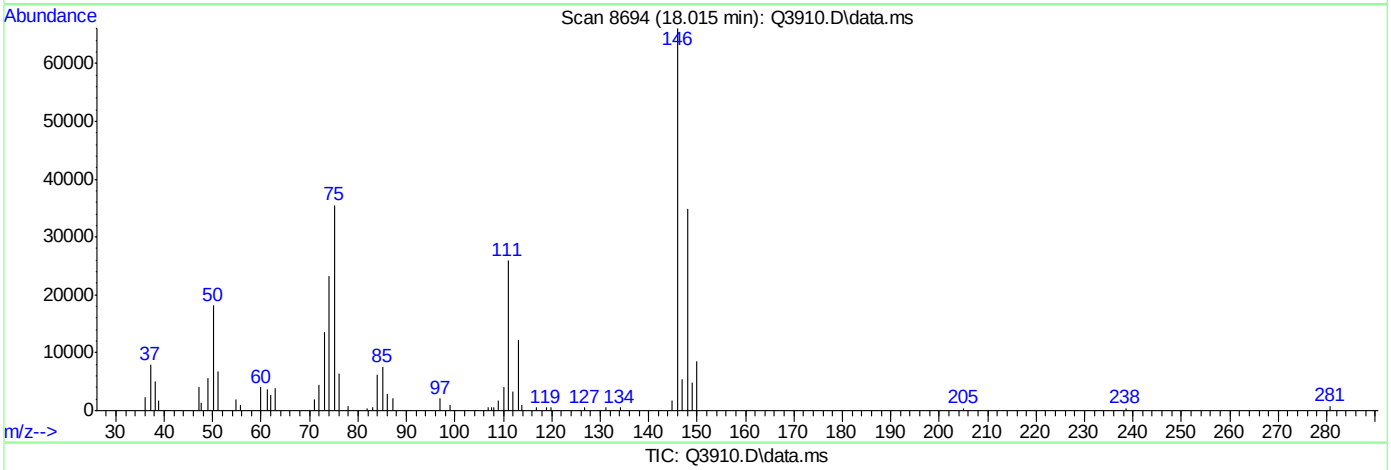
Ion	Exp%	Act%
146.00	100	100
148.00	63.40	60.53
111.00	41.10	51.51
0.00	0.00	0.00

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

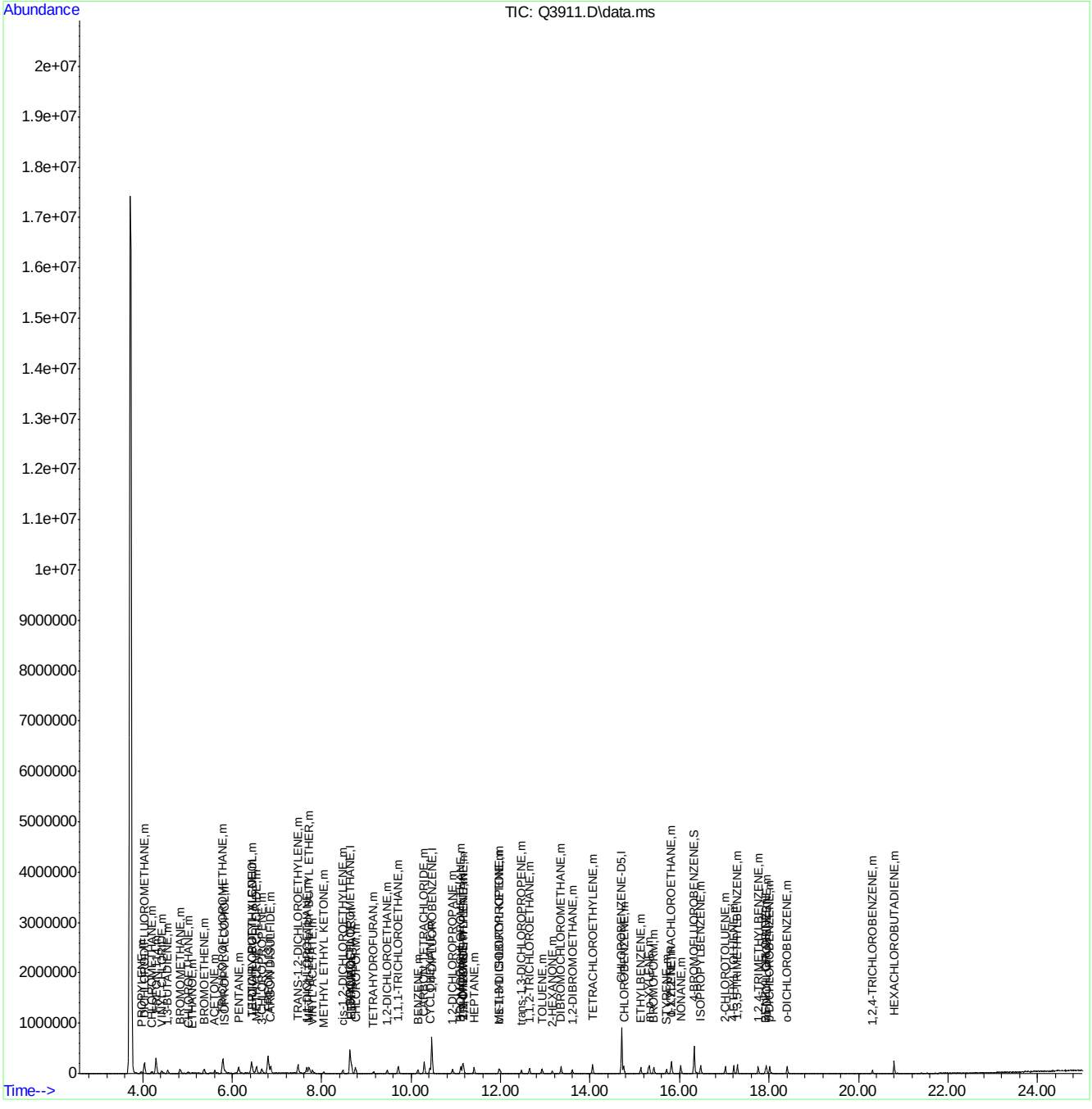
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.981	43	41723	2.00	PPBV		86
45) cis-1,3-DICHLOROPROPENE	11.965	75	29427	2.00	PPBV	#	70
46) TOLUENE	12.928	92	28111	2.00	PPBV	#	84
47) trans-1,3-DICHLOROPROPENE	12.456	75	26718	2.00	PPBV		90
48) 1,1,2-TRICHLOROETHANE	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

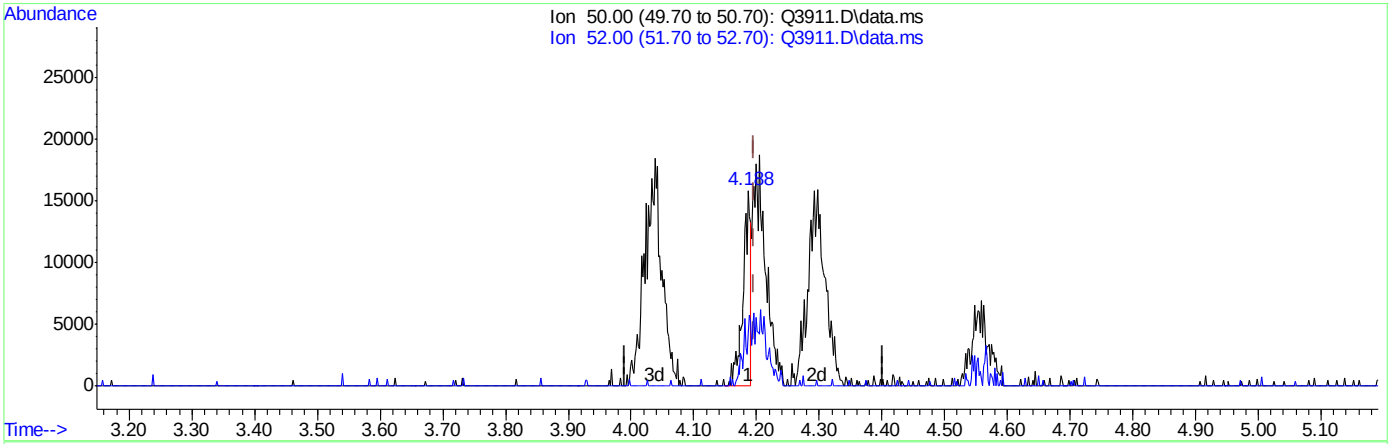
Quant Time: Jul 05 16:51:27 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 16:49:58 2007
Response via : Initial Calibration

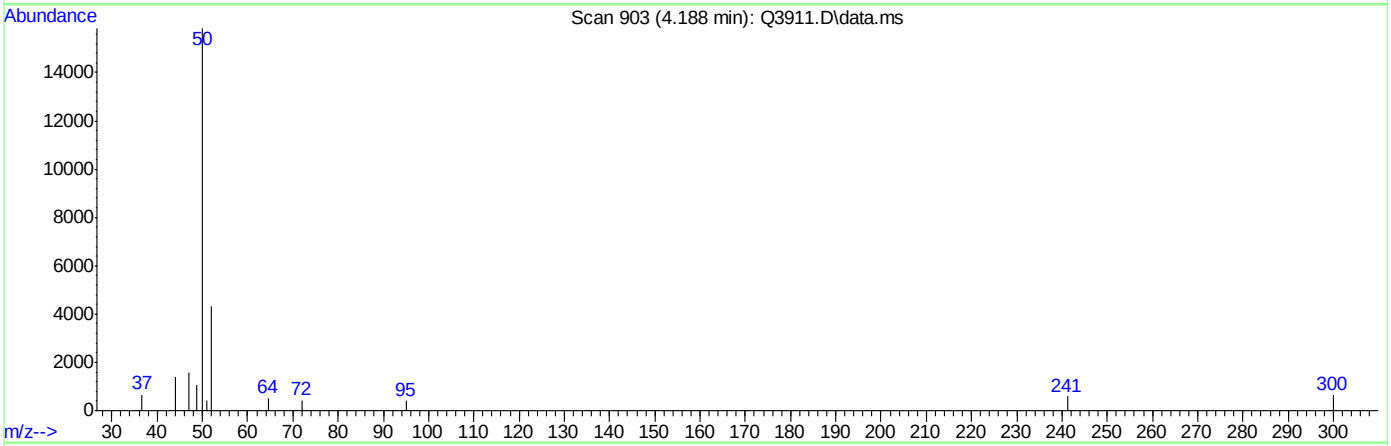


Quantitation Report (Qedit)

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

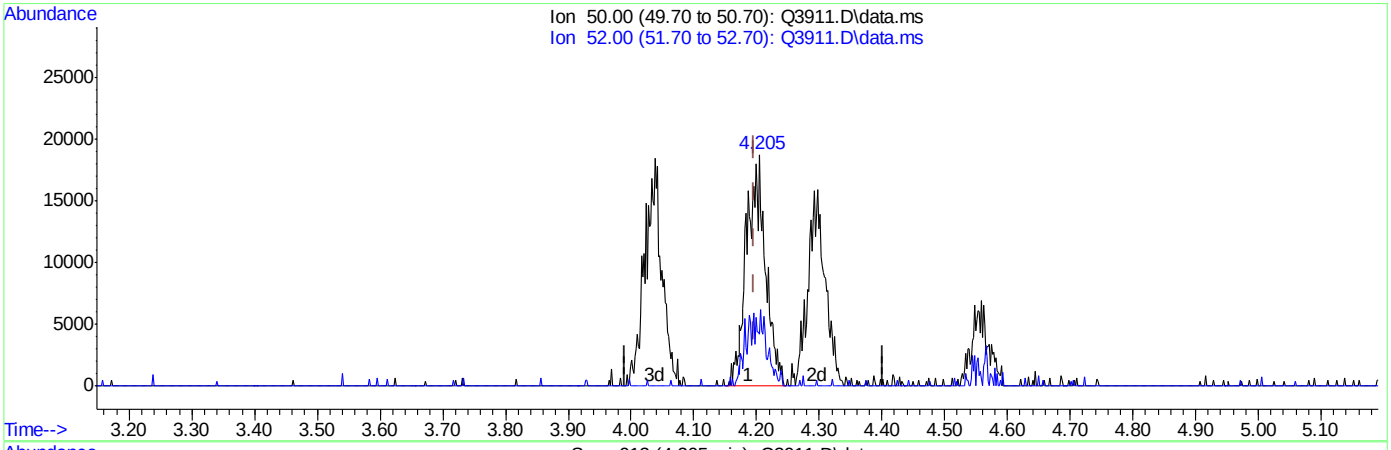
response 13283

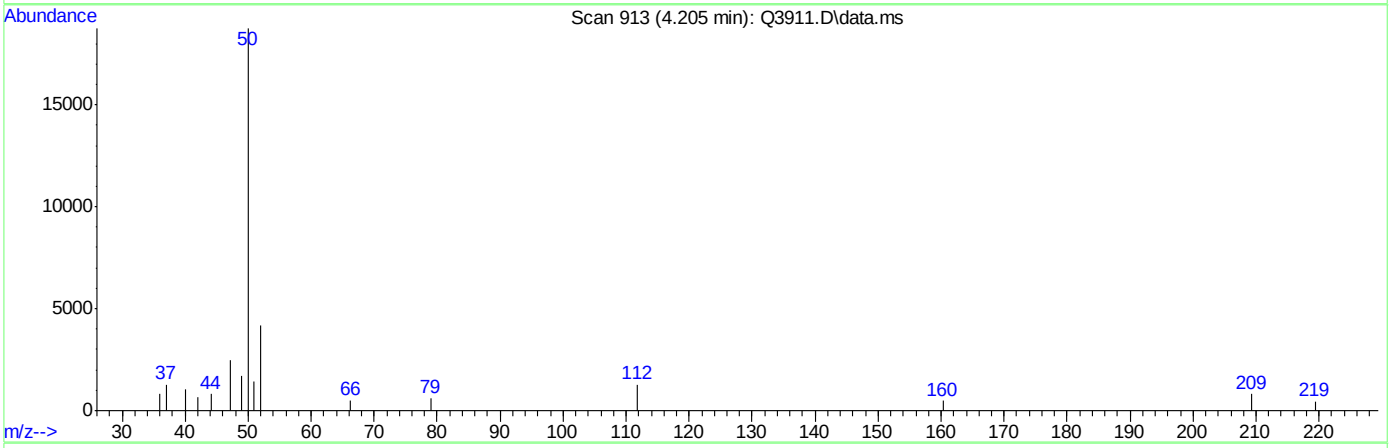
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	18.56
0.00	0.00	0.00
0.00	0.00	0.00

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

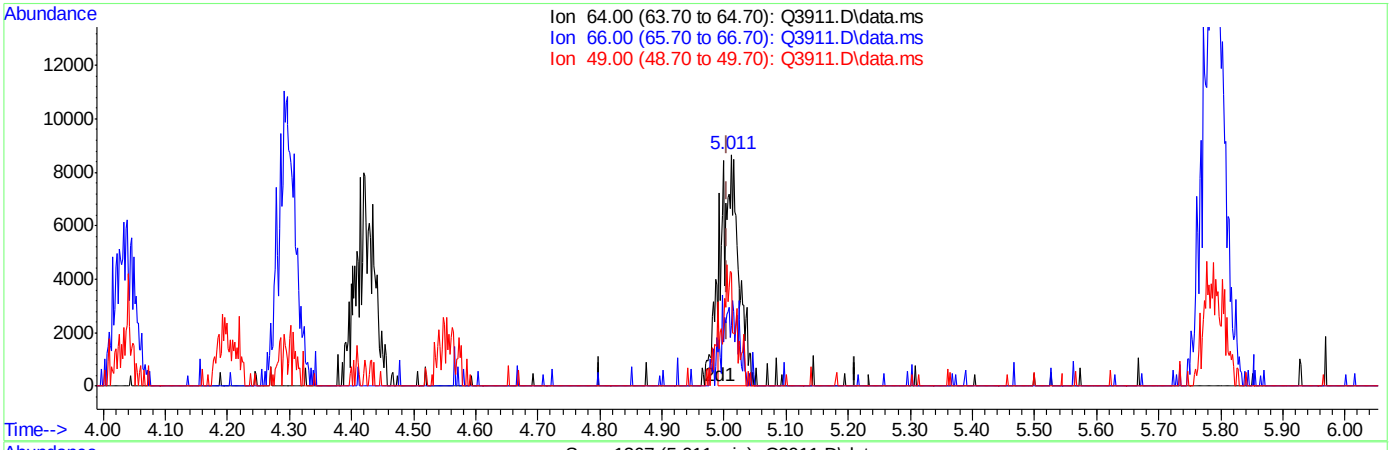
response 39551

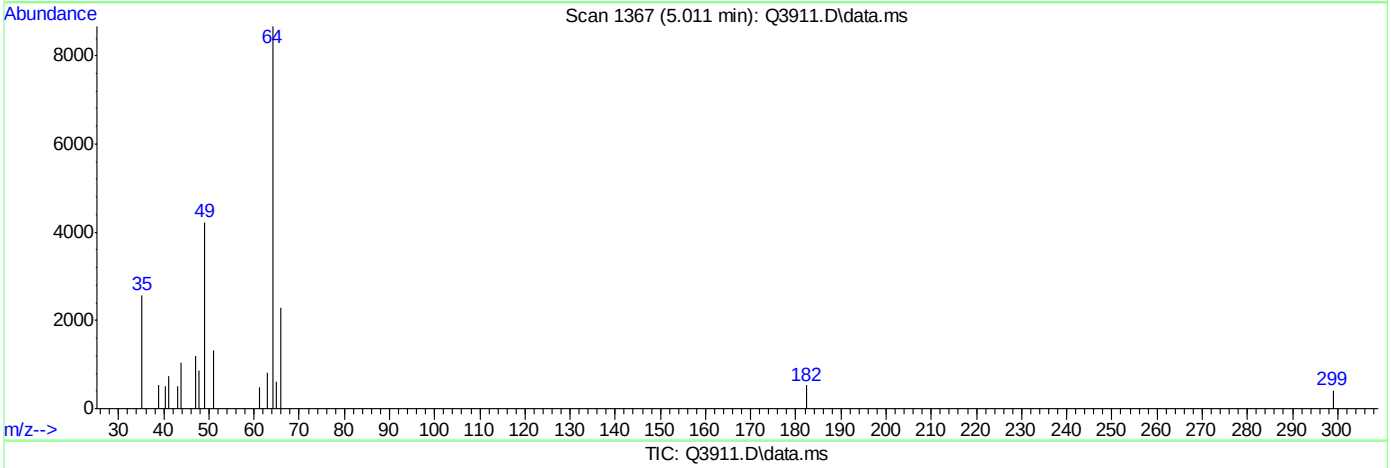
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	22.25
0.00	0.00	0.00
0.00	0.00	0.00

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

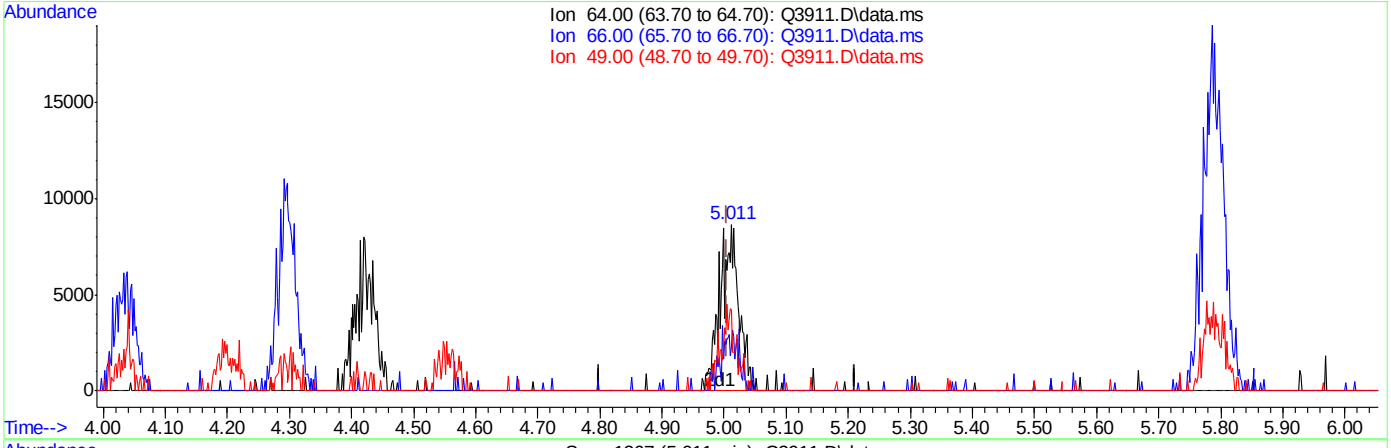
response 15508

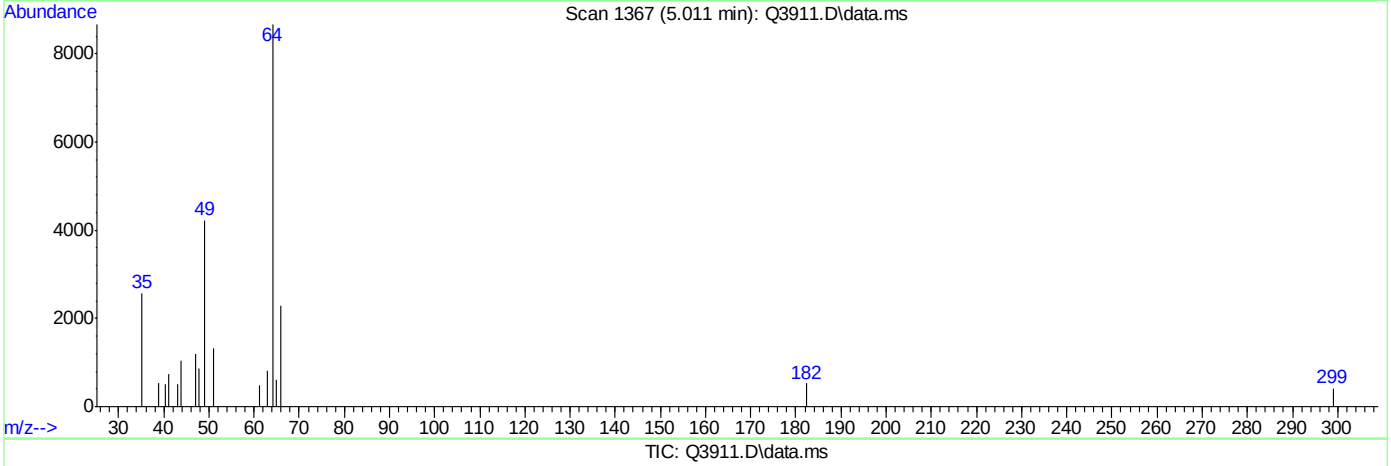
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	8.18#
49.00	36.50	21.29
0.00	0.00	0.00

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

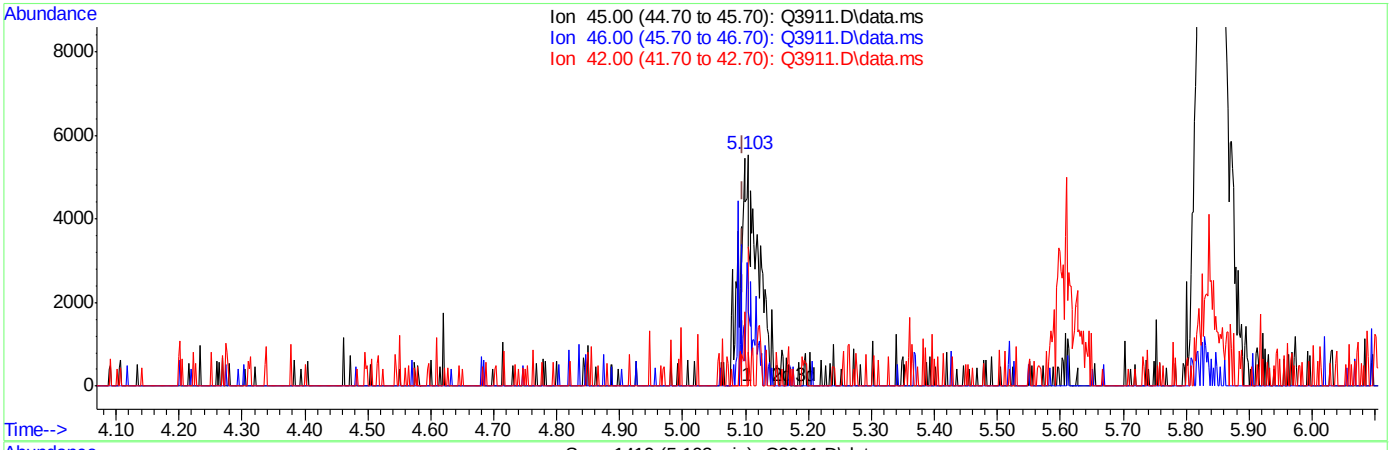
response 18217

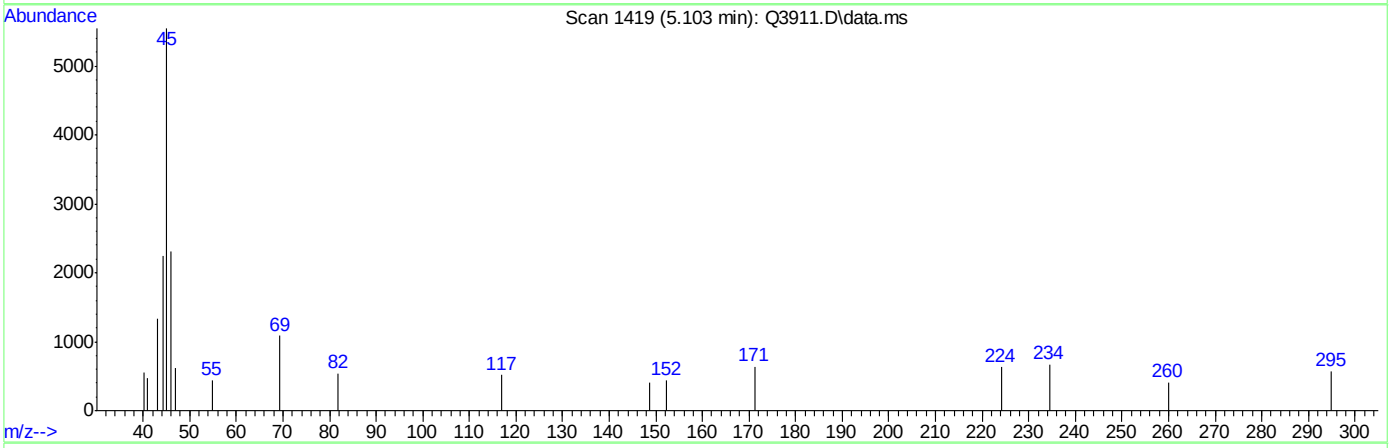
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	6.97#
49.00	36.50	18.13
0.00	0.00	0.00

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

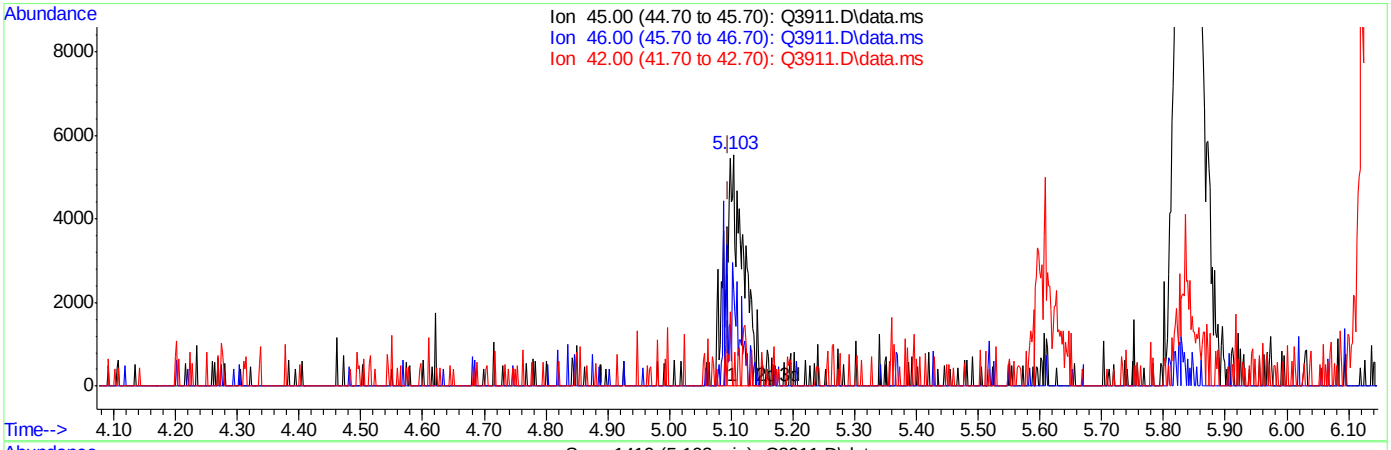
response 5632

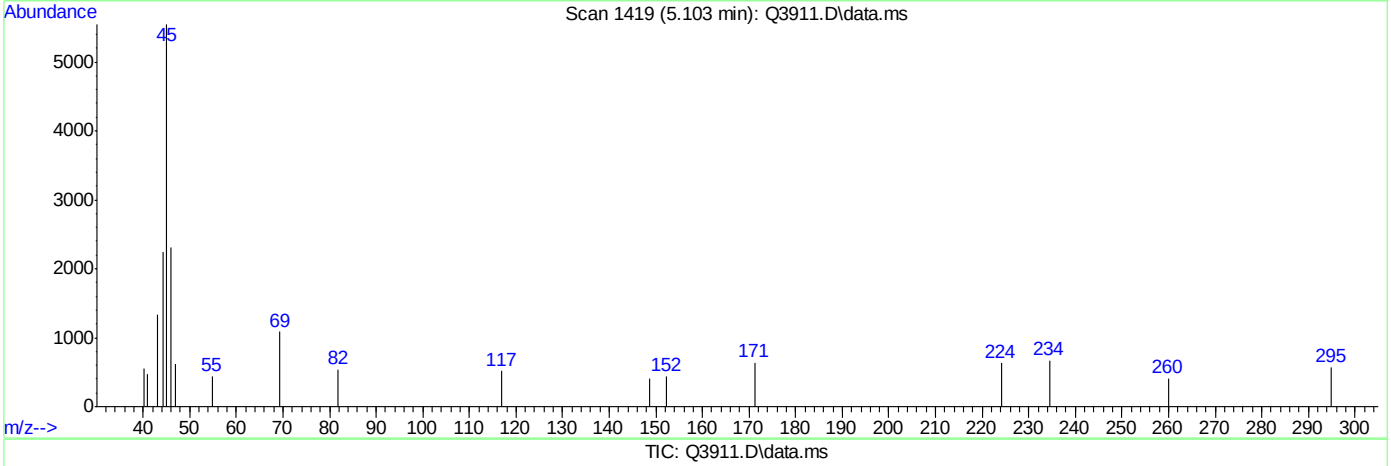
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	46.70
42.00	8.40	12.22
0.00	0.00	0.00

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

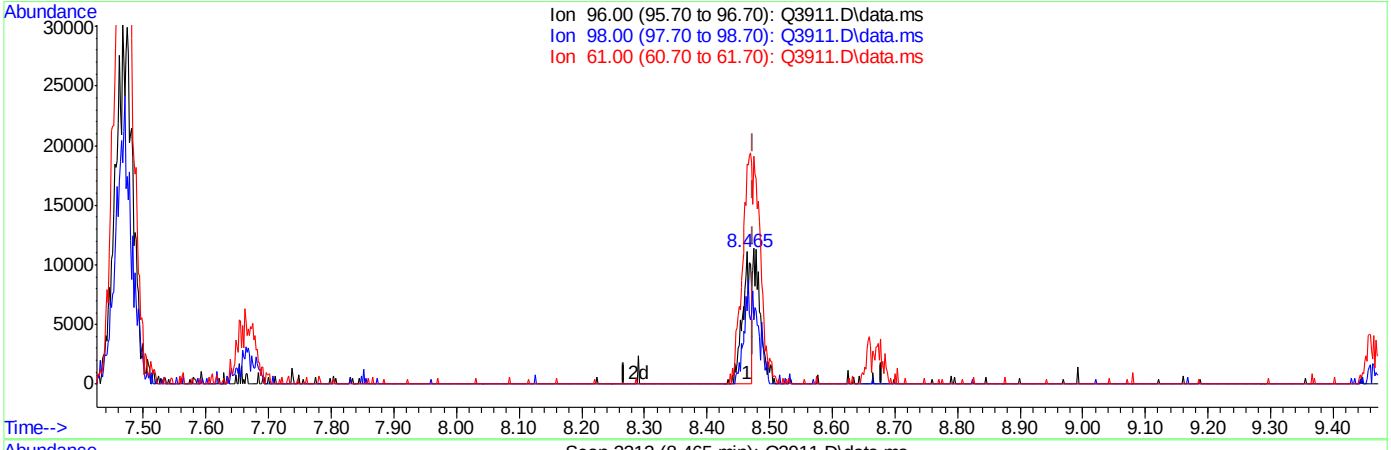
response 11449

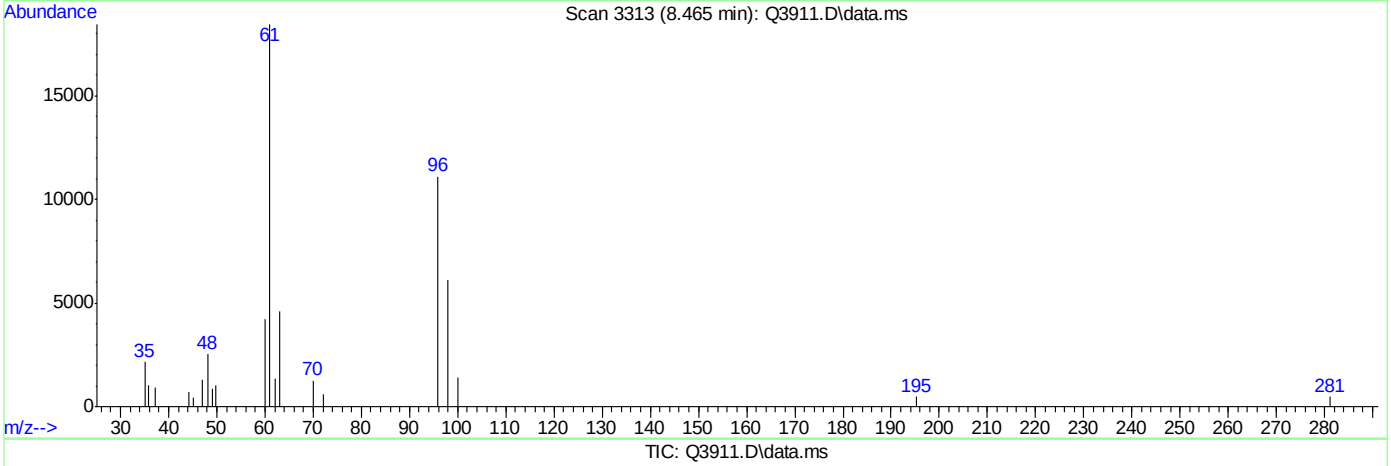
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	22.97
42.00	8.40	6.01
0.00	0.00	0.00

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

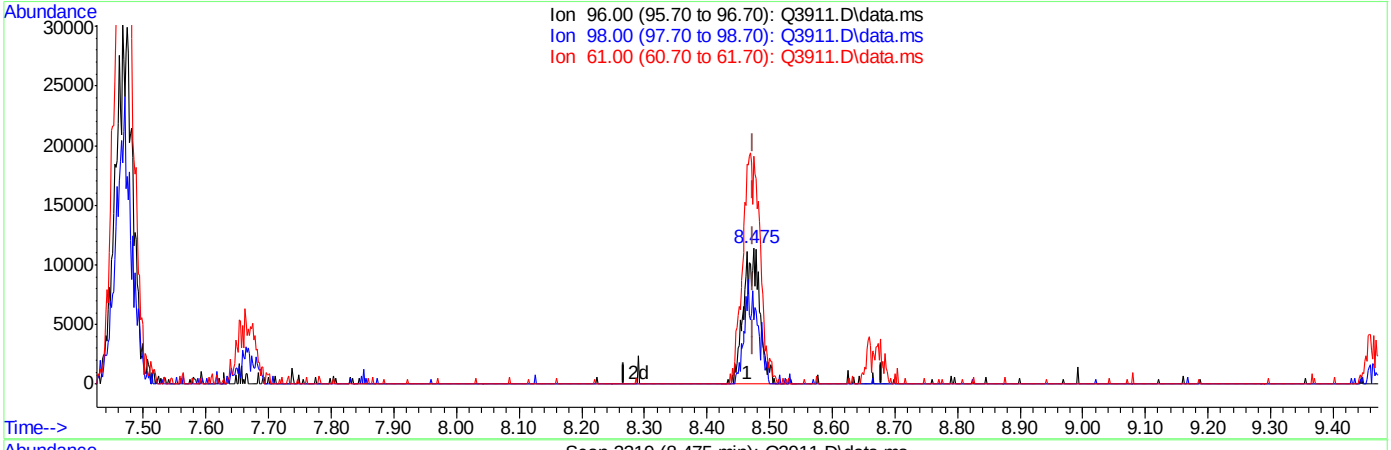
response 10933

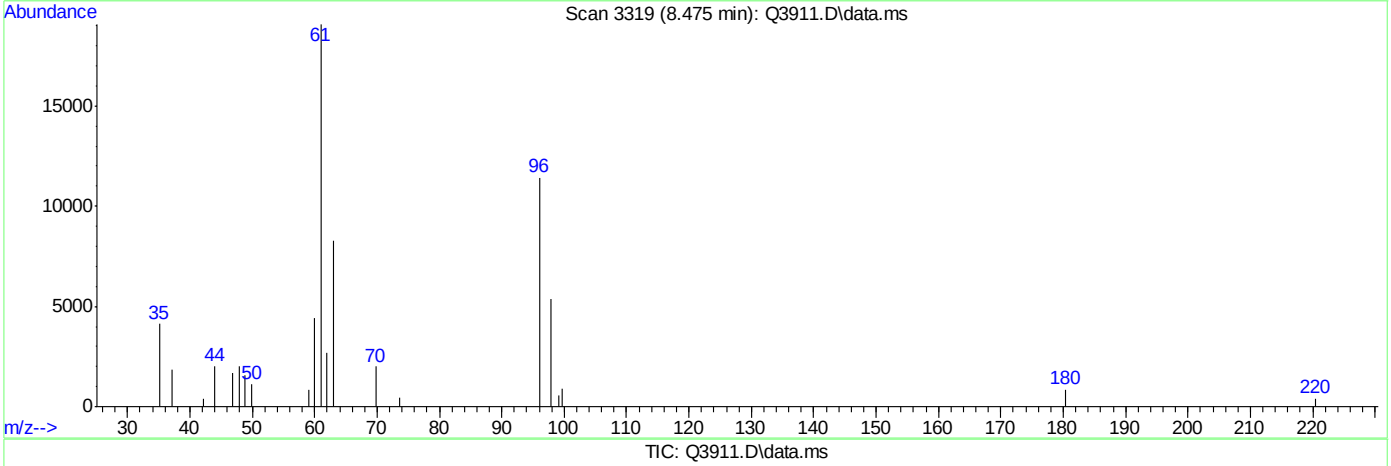
Ion	Exp%	Act%
96.00	100	100
98.00	63.40	118.05#
61.00	186.90	352.41#
0.00	0.00	0.00

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

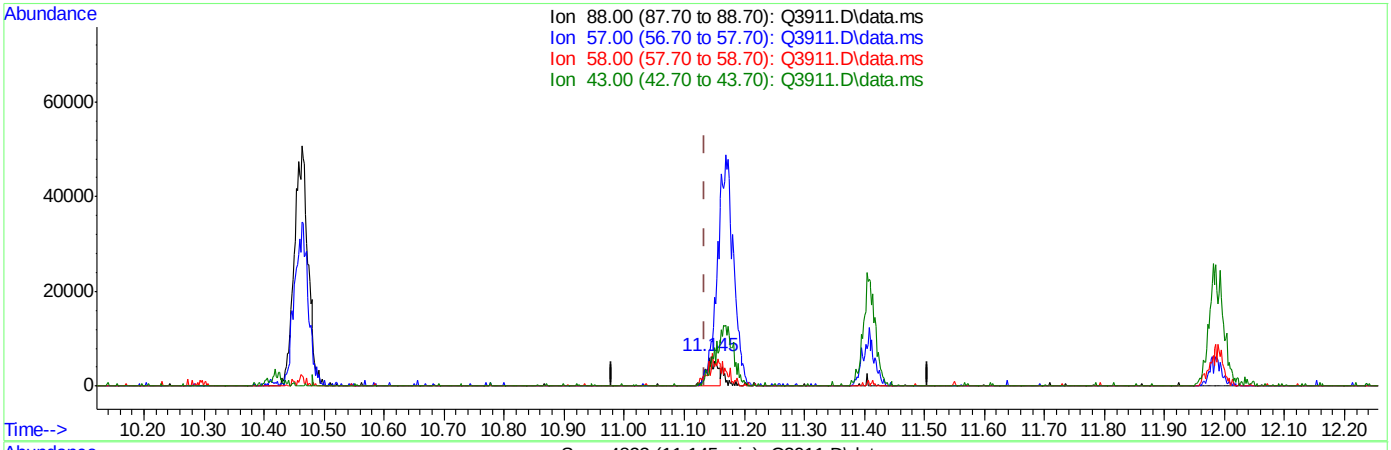
response 20709

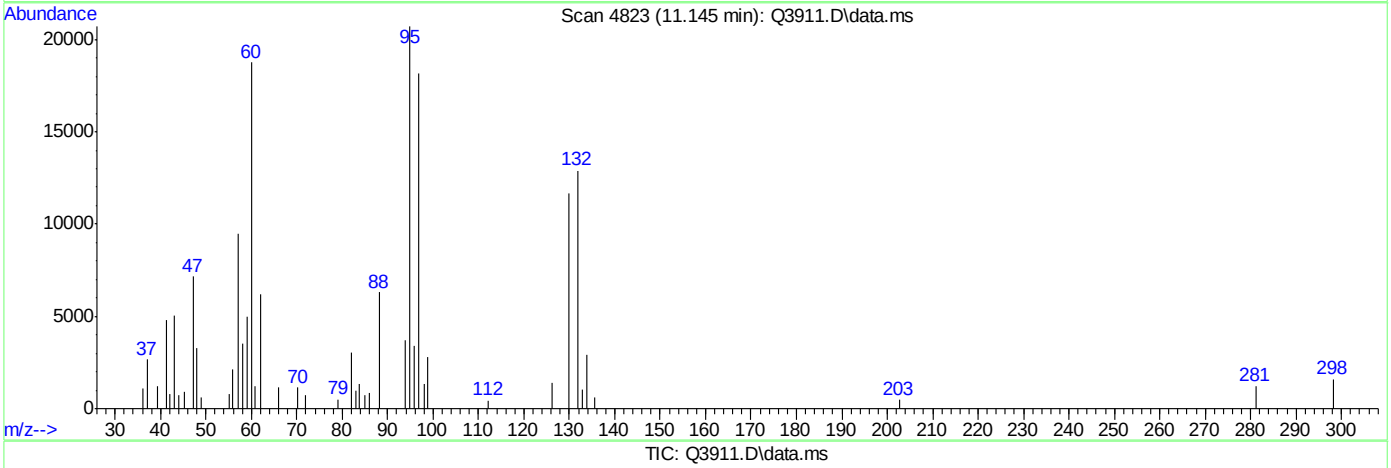
Ion	Exp%	Act%
96.00	100	100
98.00	63.40	62.32
61.00	186.90	186.05
0.00	0.00	0.00

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

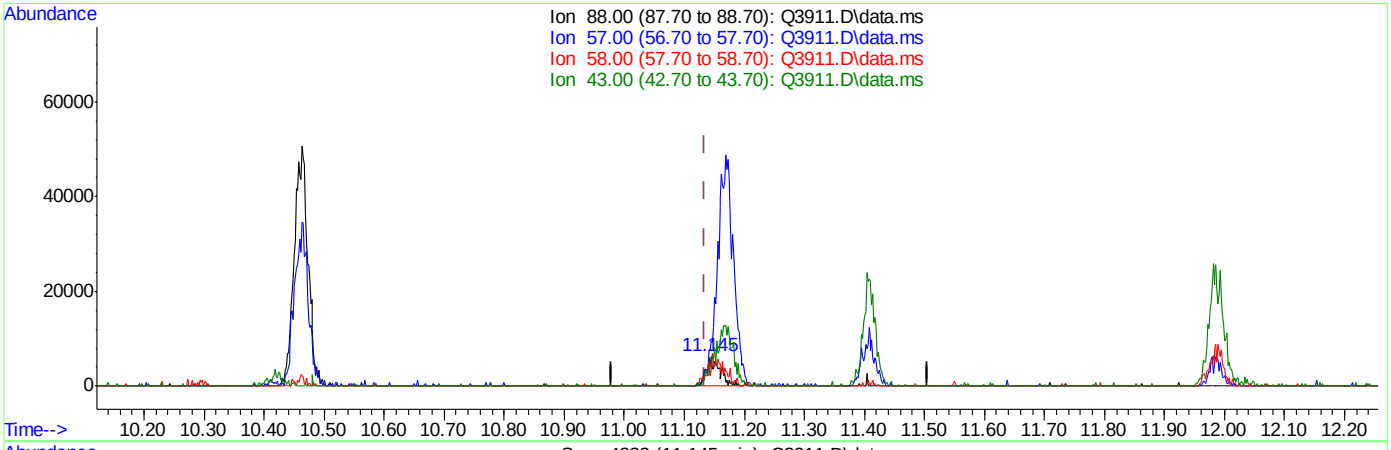
response 7480

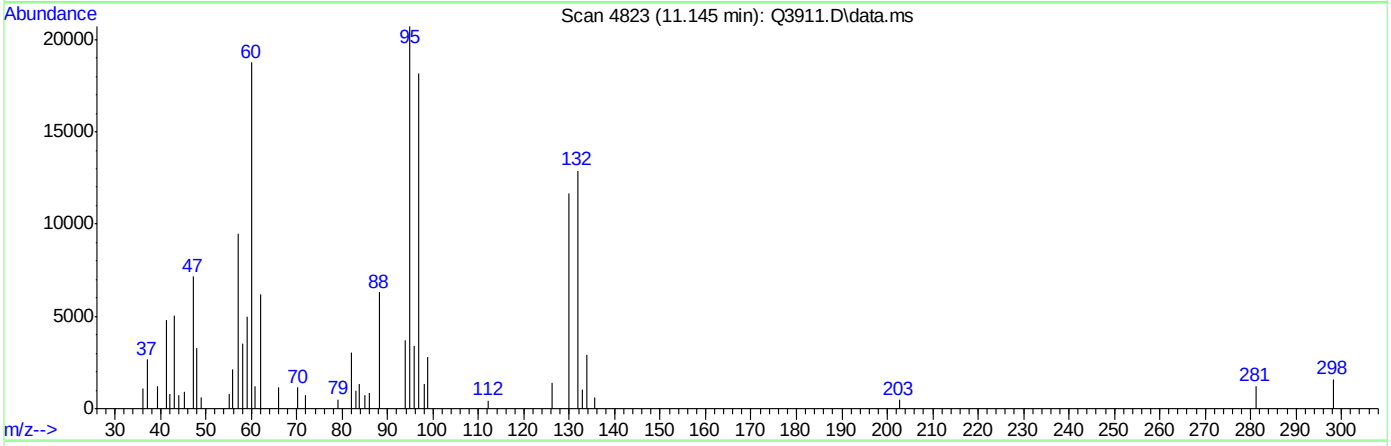
Ion	Exp%	Act%
88.00	100	100
57.00	45.40	149.88#
58.00	84.10	55.65#
43.00	40.20	79.70#

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

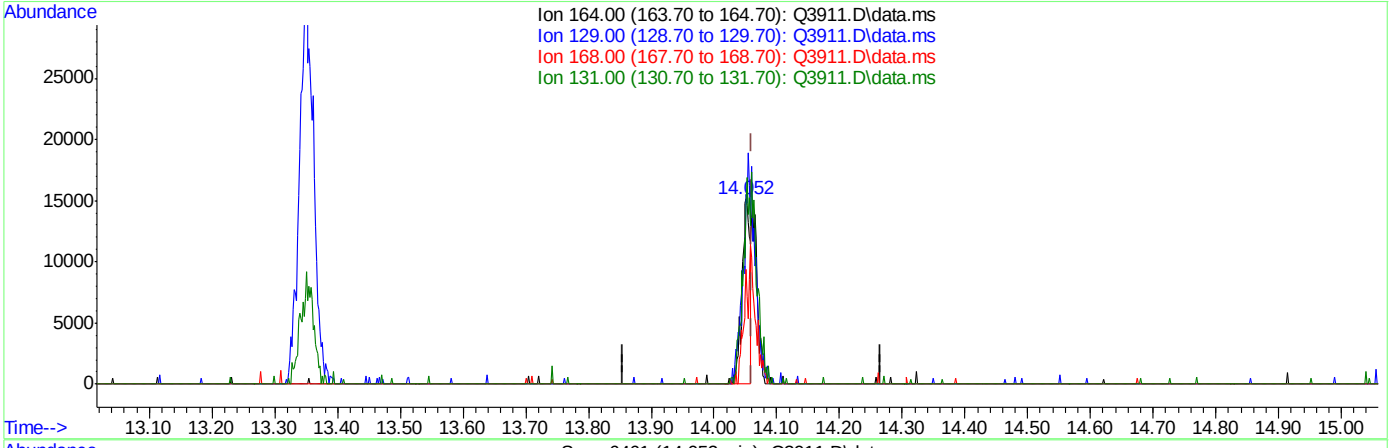
response 9595

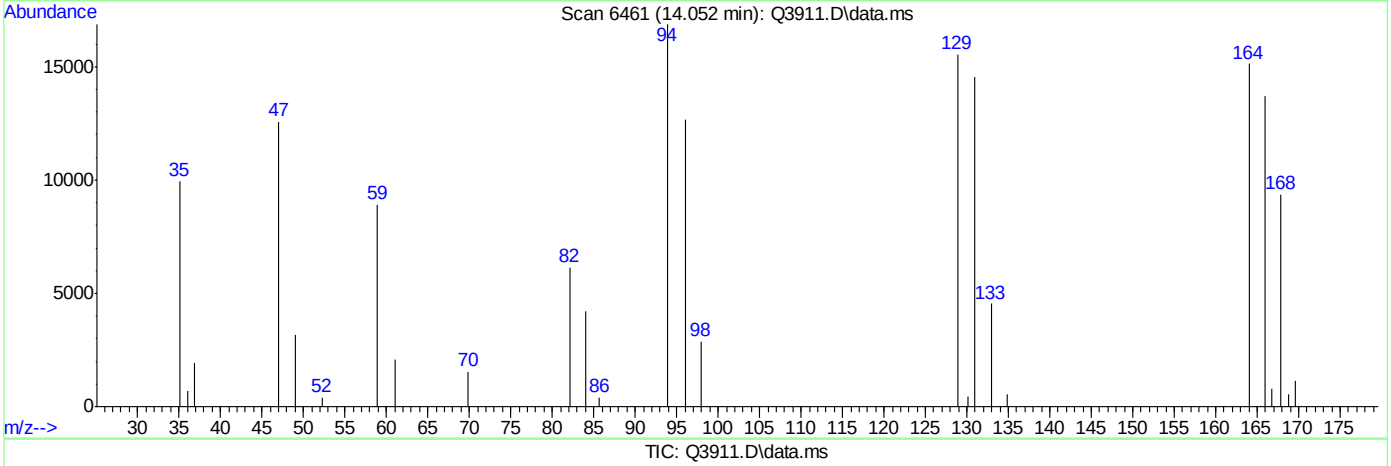
Ion	Exp%	Act%
88.00	100	100
57.00	45.40	149.88#
58.00	84.10	55.65#
43.00	40.20	79.70#

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

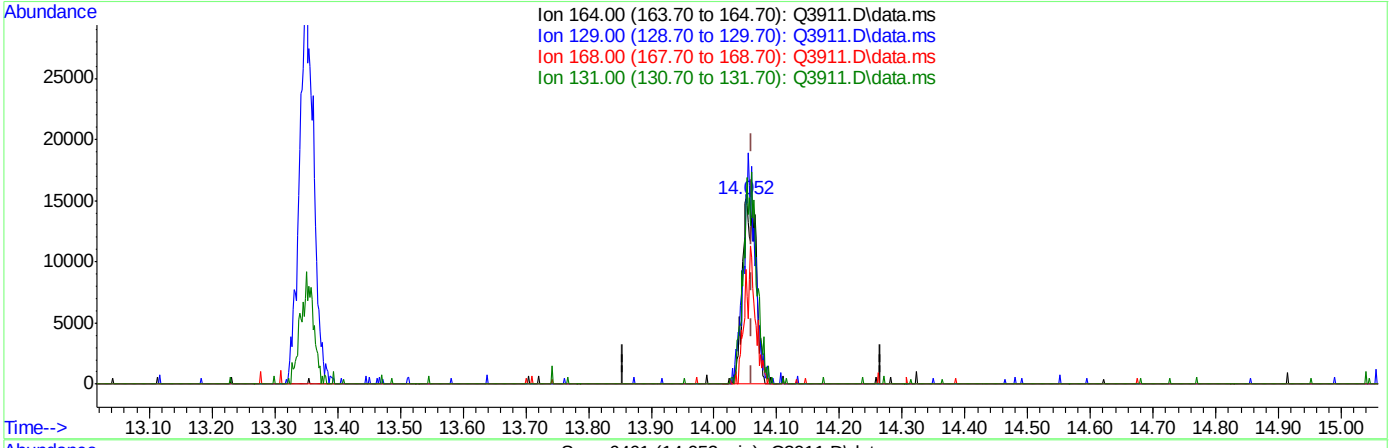
response 14044

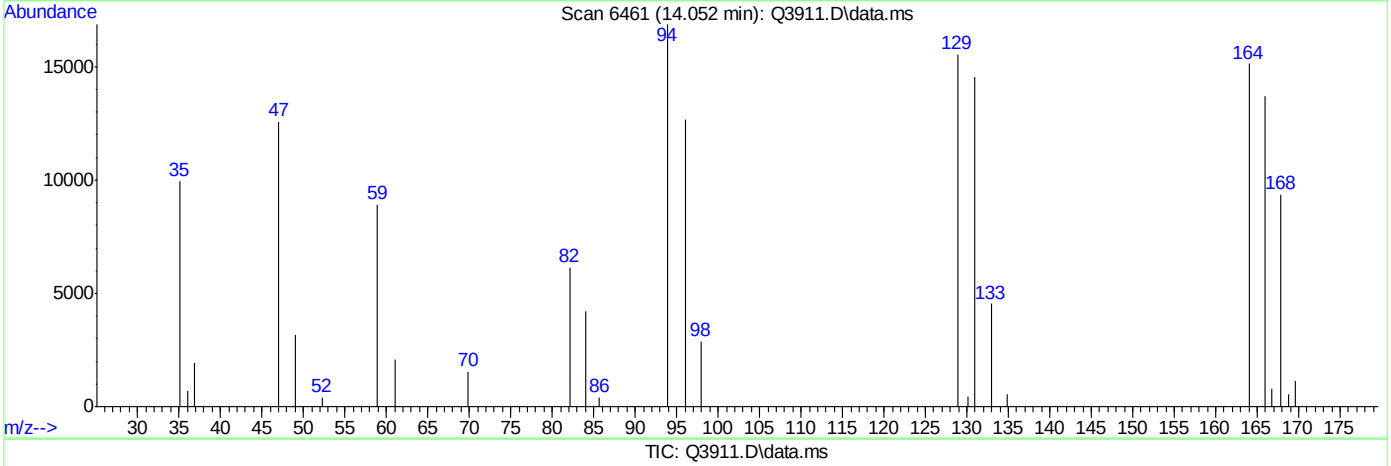
Ion	Exp%	Act%
164.00	100	100
129.00	107.30	177.78#
168.00	59.50	95.08#
131.00	108.30	186.14#

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

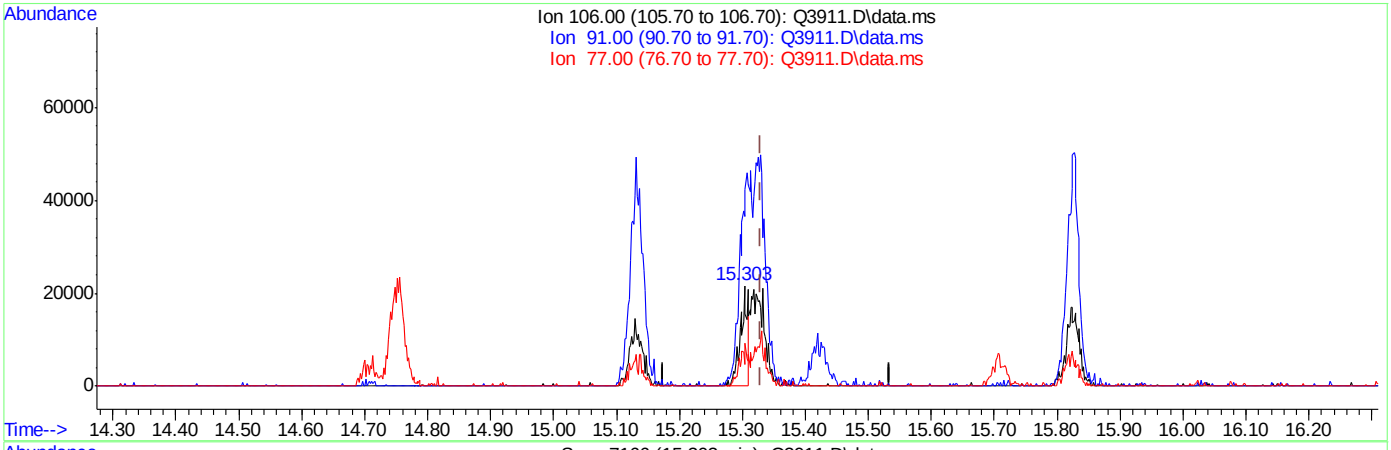
response 23608

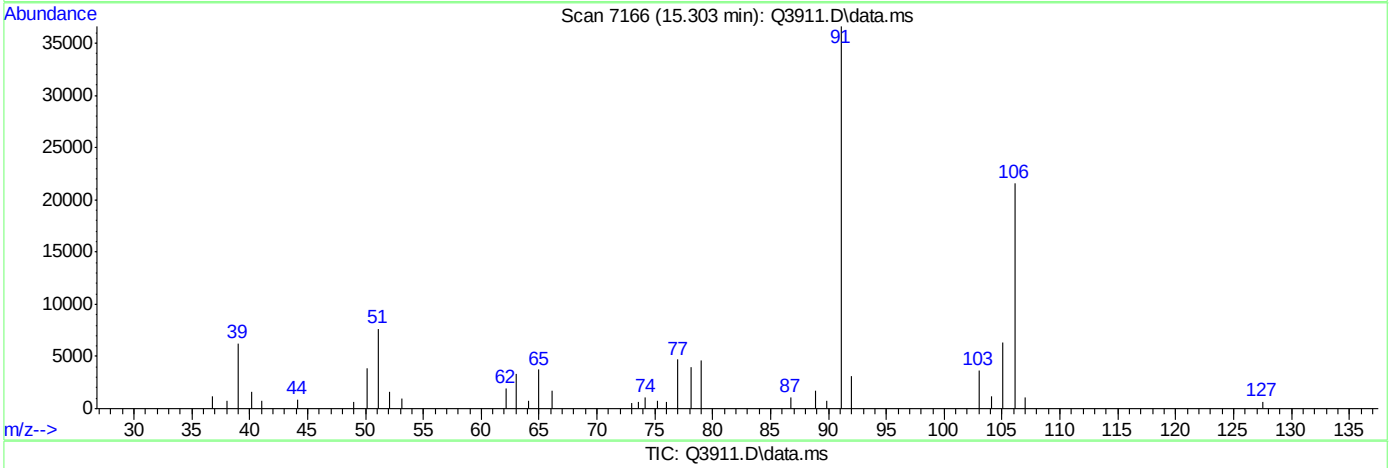
Ion	Exp%	Act%
164.00	100	100
129.00	107.30	105.76
168.00	59.50	56.56
131.00	108.30	110.73

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

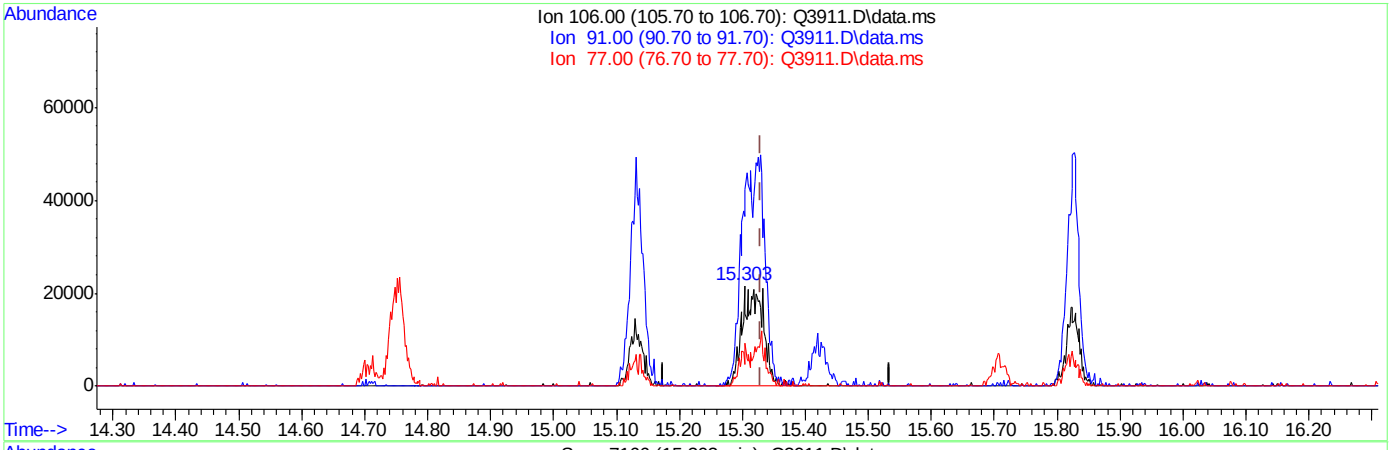
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	169.21
77.00	27.30	21.66#
0.00	0.00	0.00

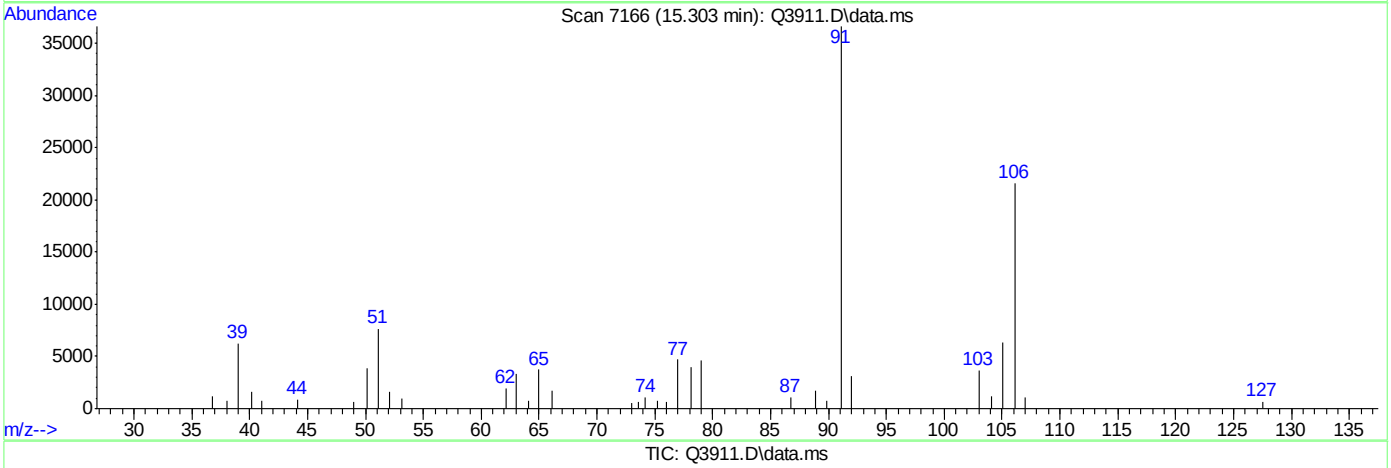
ACCUTEST Laboratories M68147

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 M68147

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

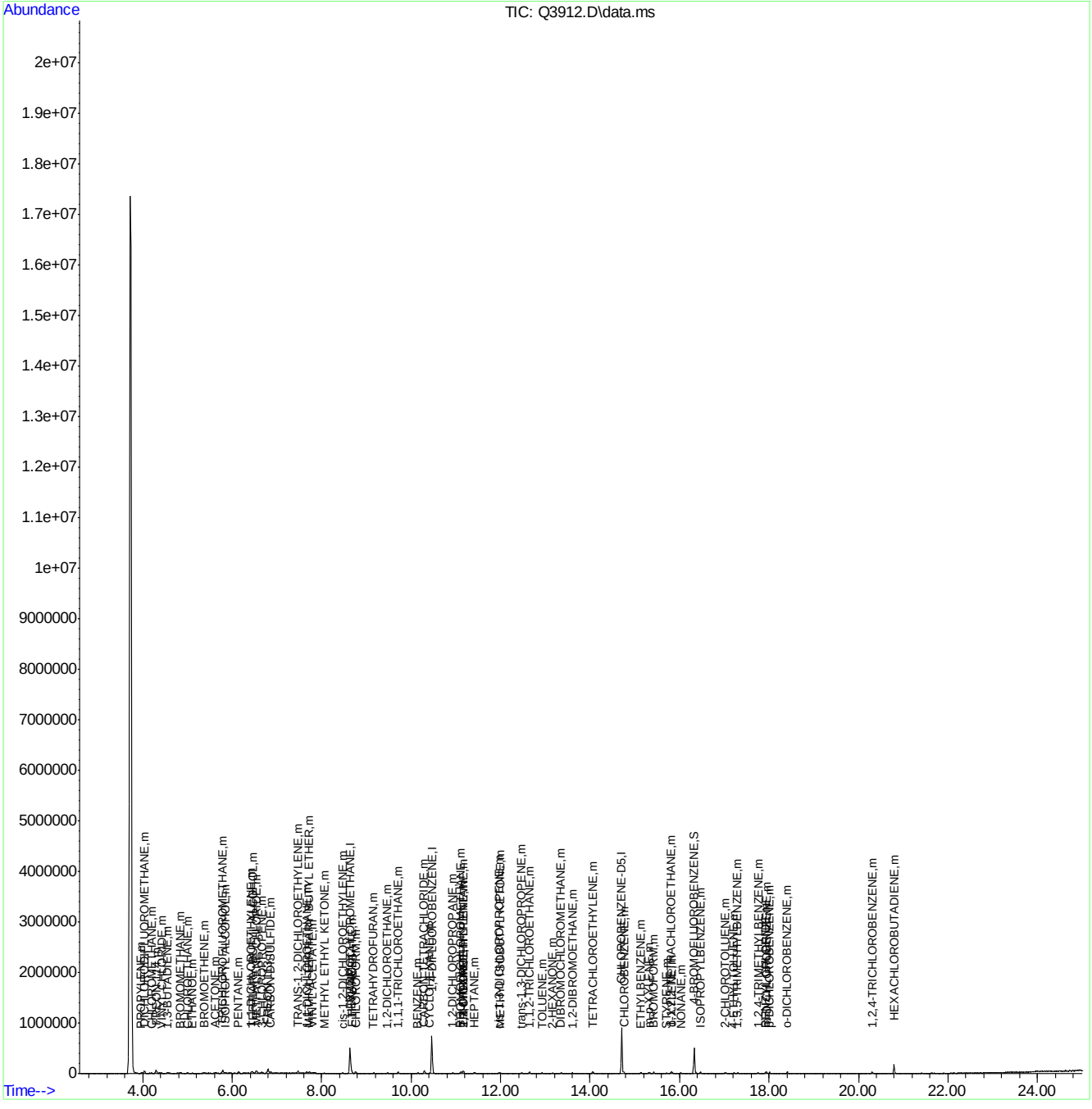
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.002	43	7449m	0.50	PPBV	
45) cis-1,3-DICHLOROPROPENE	11.958	75	4416m	0.50	PPBV	
46) TOLUENE	12.925	92	5164	0.50	PPBV #	79
47) trans-1,3-DICHLOROPROPENE	12.465	75	4884m	0.50	PPBV	
48) 1,1,2-TRICHLOROETHANE	12.644	83	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

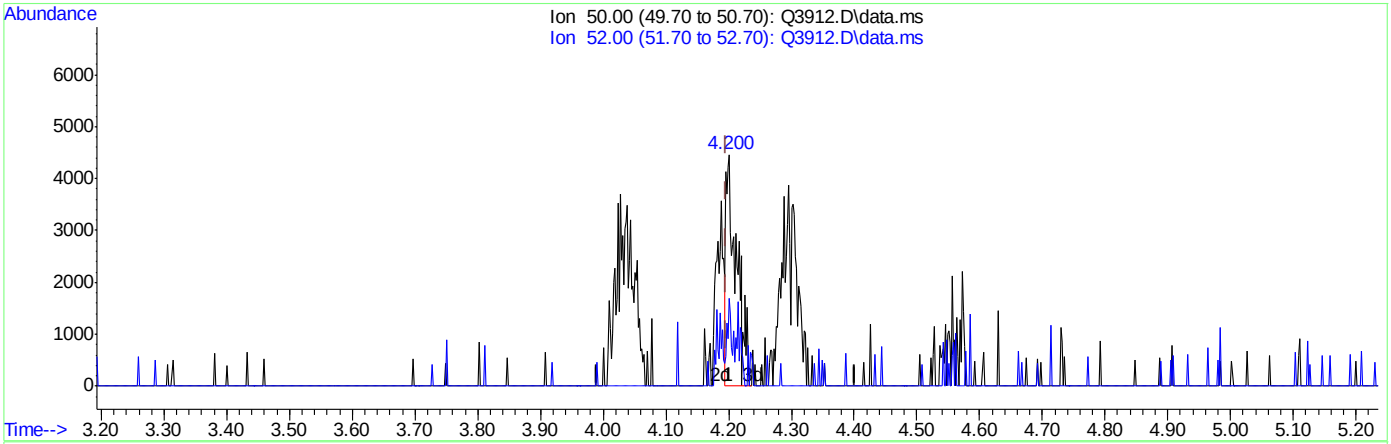
Quant Time: Jul 05 17:17:56 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 17:12:43 2007
Response via : Initial Calibration

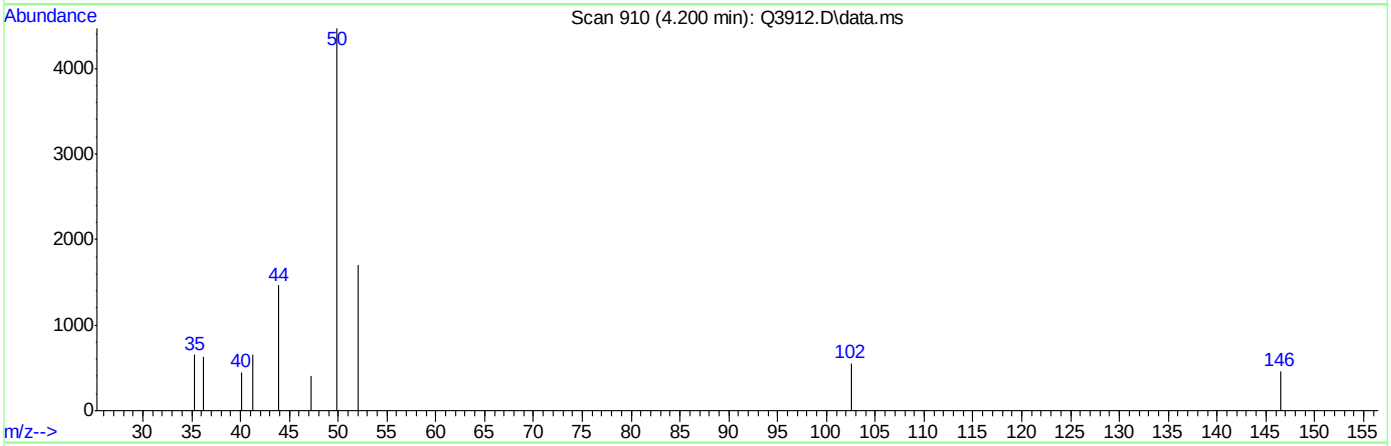


Quantitation Report (Qedit)

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
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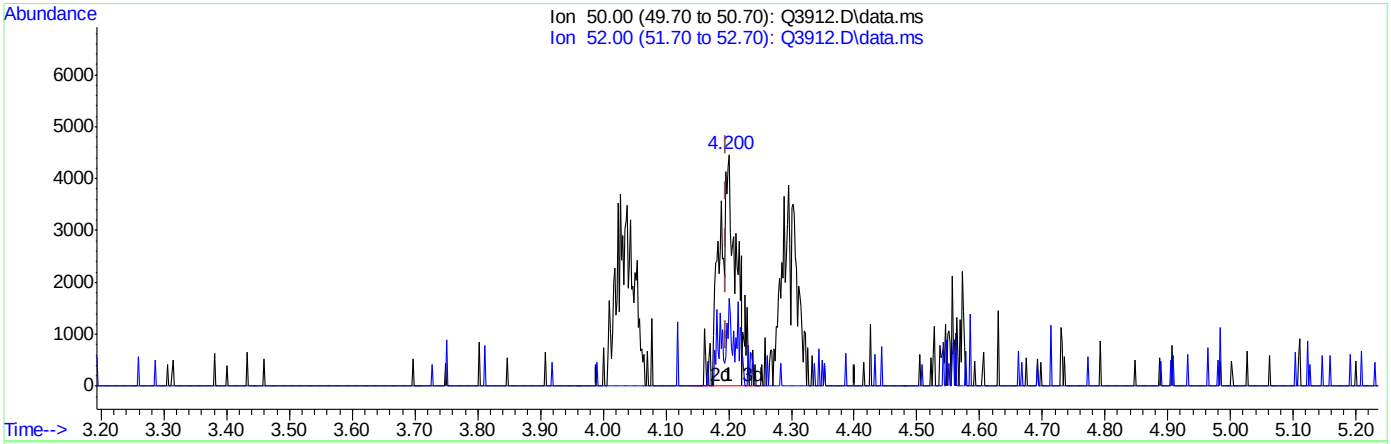
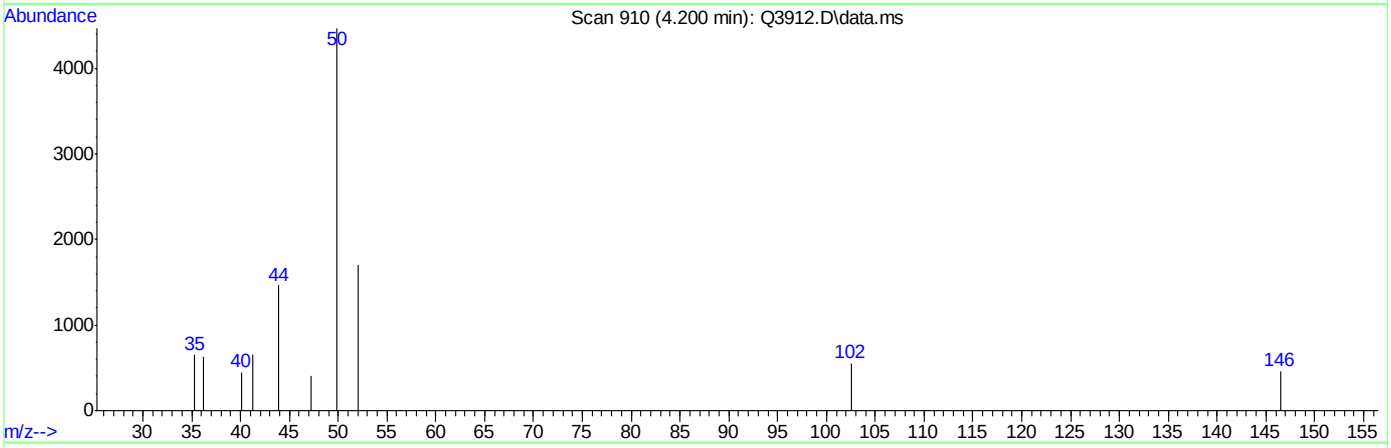




TIC: Q3912.D\data.ms

(5) CHLOROMETHANE (m)

4.200min (+0.004) 0.50PPBV m

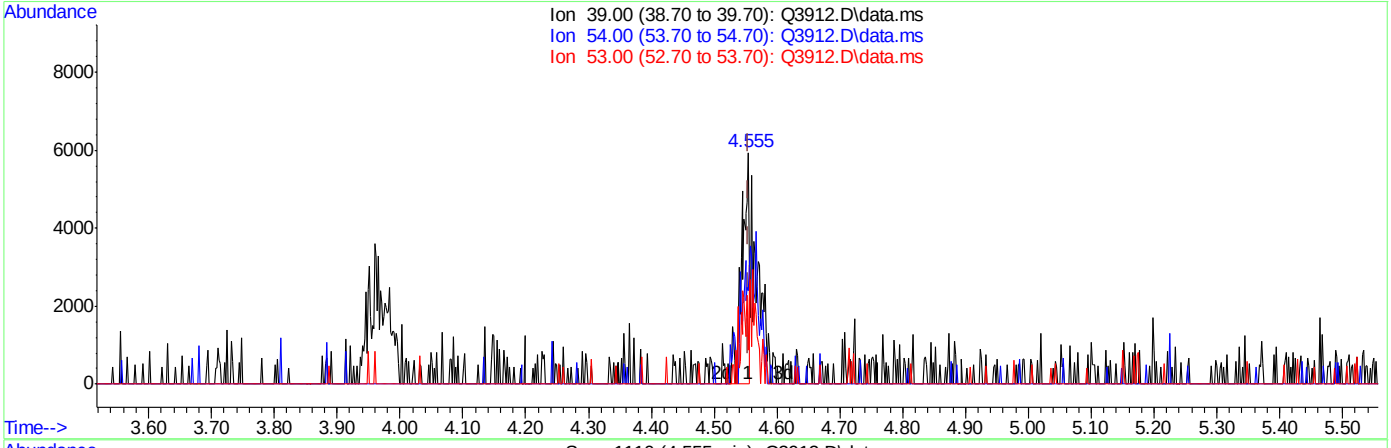
response 8504

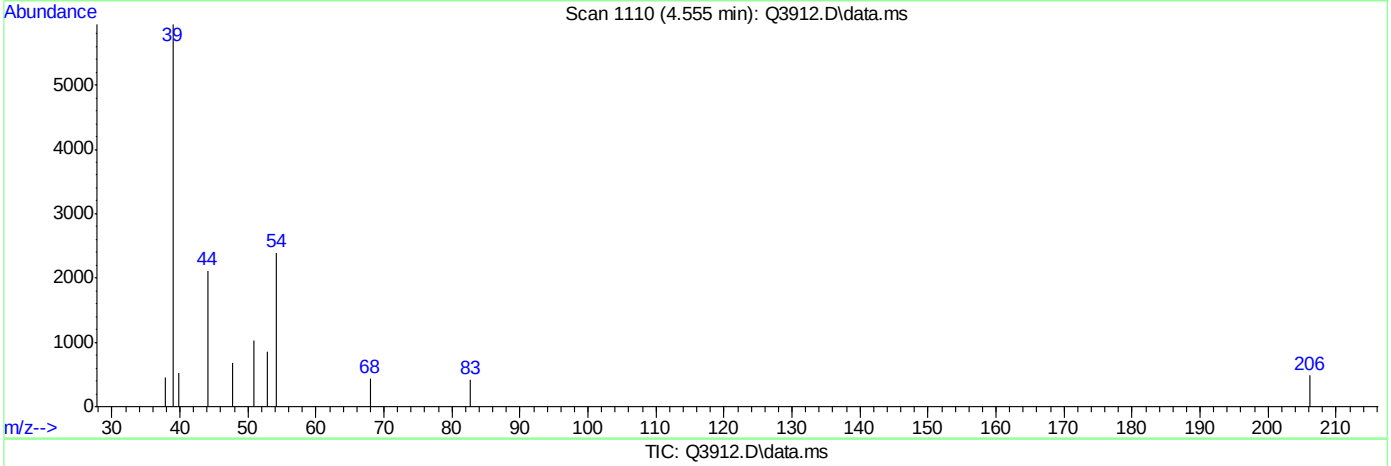
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	38.05
0.00	0.00	0.00
0.00	0.00	0.00

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

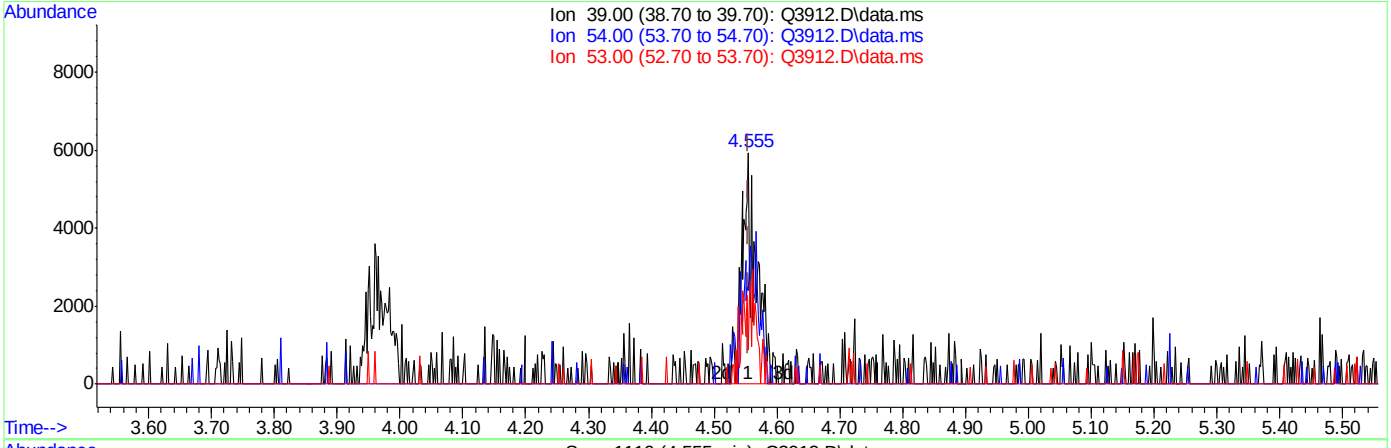
response 5129

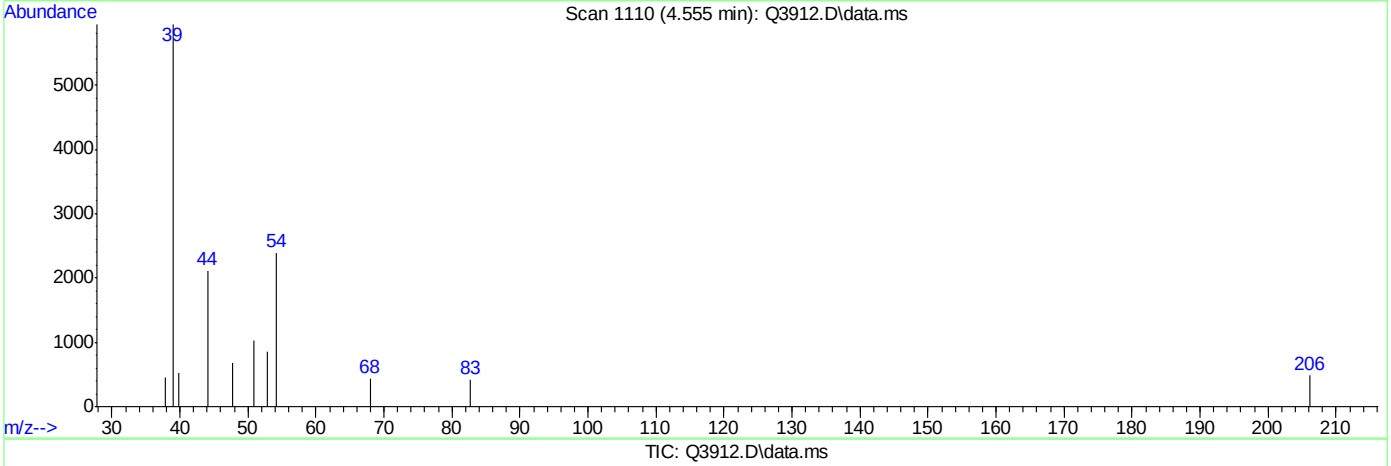
Ion	Exp%	Act%
39.00	100	100
54.00	111.20	0.00#
53.00	75.80	24.76#
0.00	0.00	0.00

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

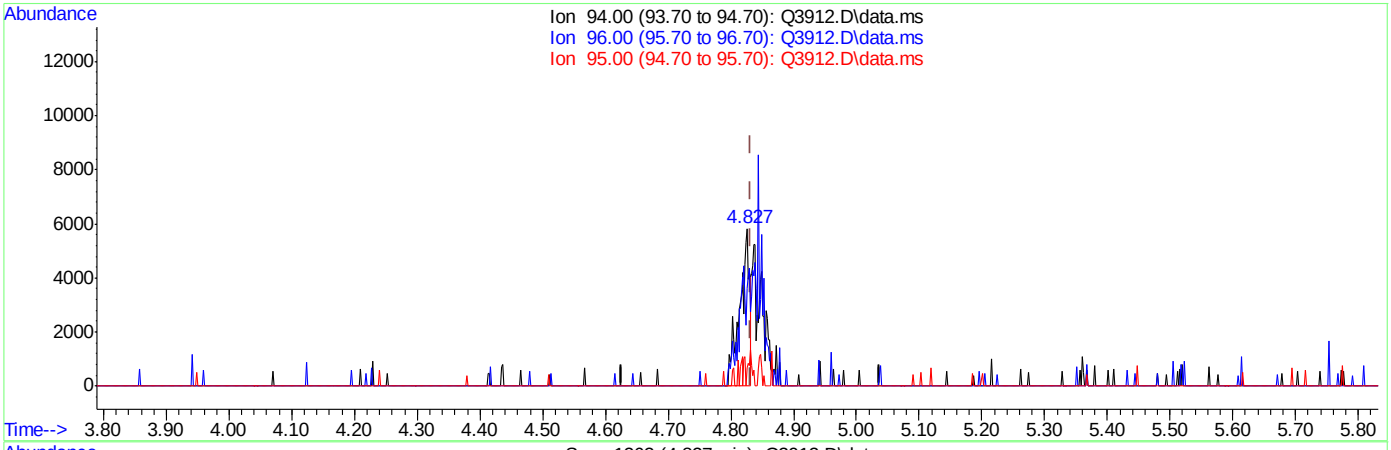
response 9478

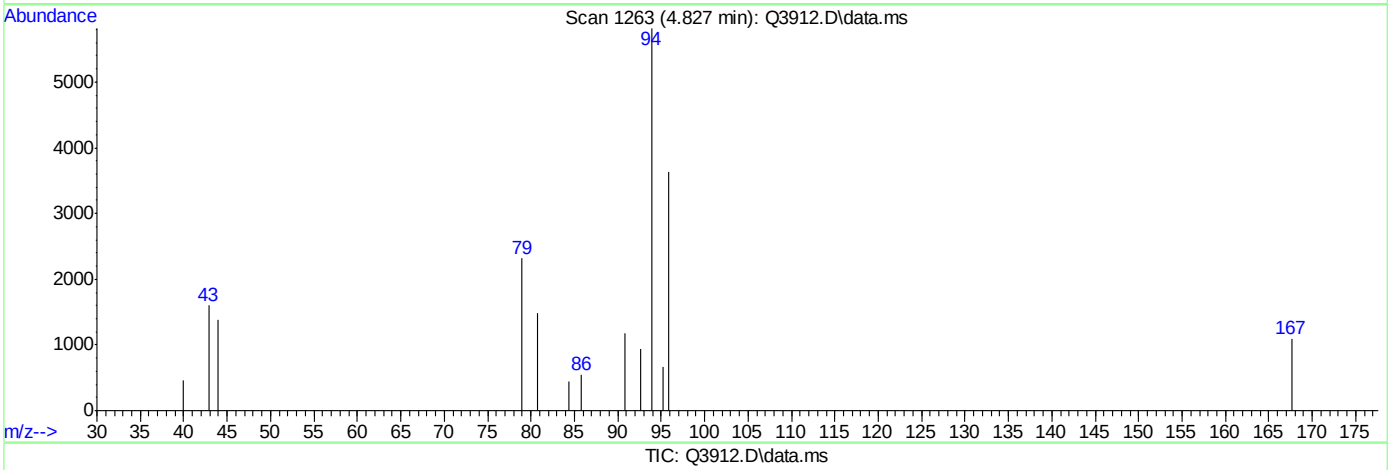
Ion	Exp%	Act%
39.00	100	100
54.00	111.20	0.00#
53.00	75.80	13.40#
0.00	0.00	0.00

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

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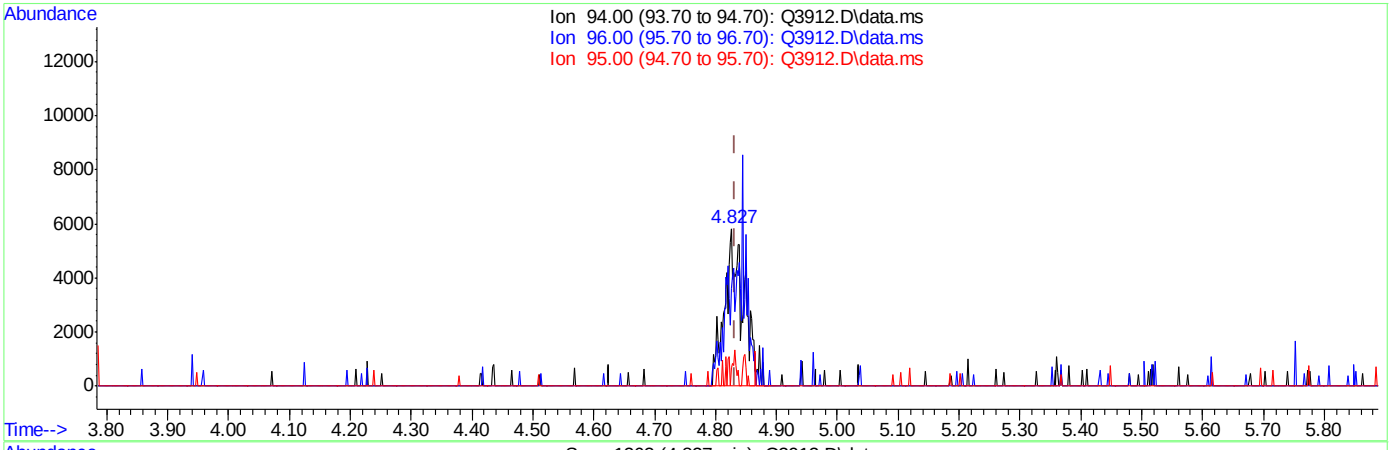
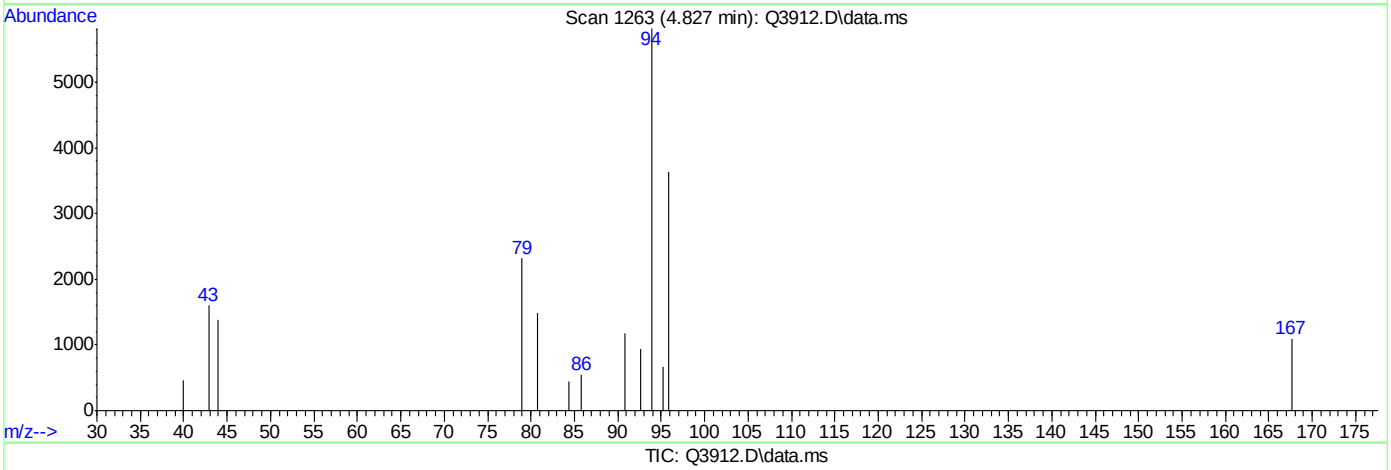
Quantitation Report (Qedit)

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

(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
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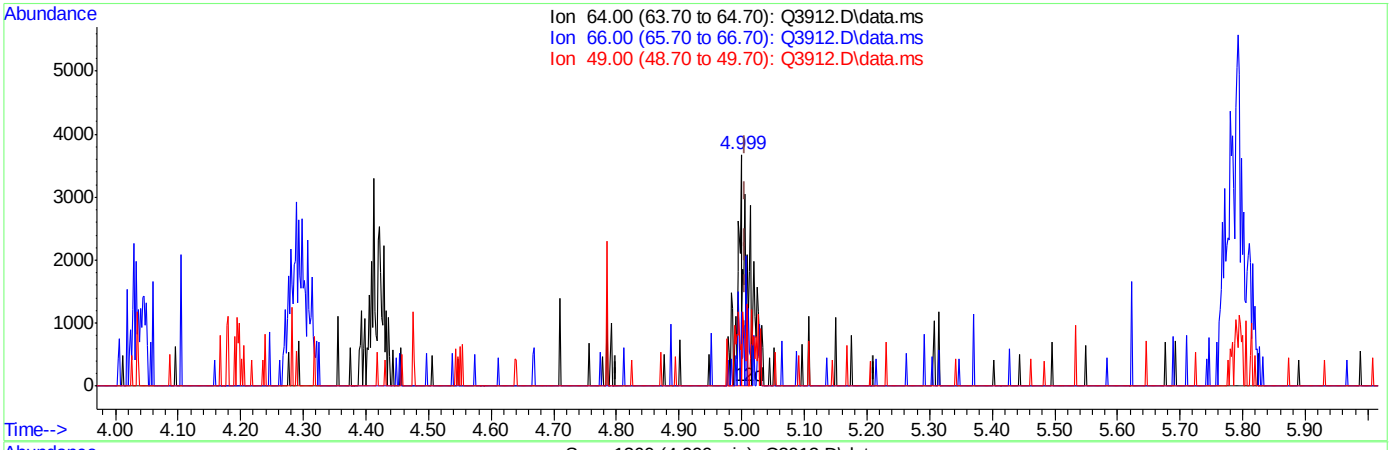
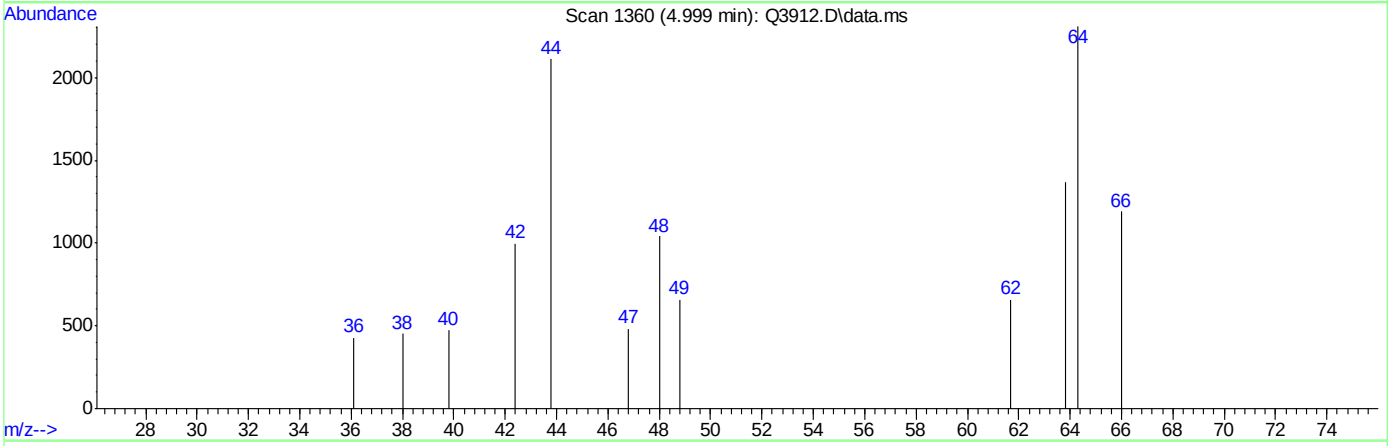
Response via : Initial Calibration





TIC: Q3912.D\data.ms

(9) CHLOROETHANE (m)

4.999min (-0.007) 0.38PPBV

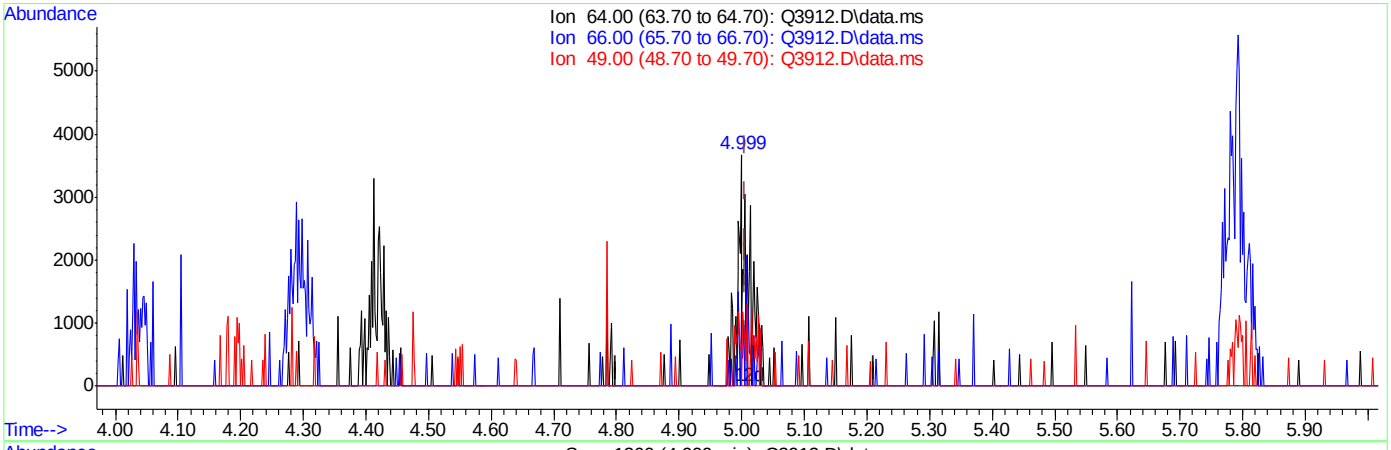
response 3496

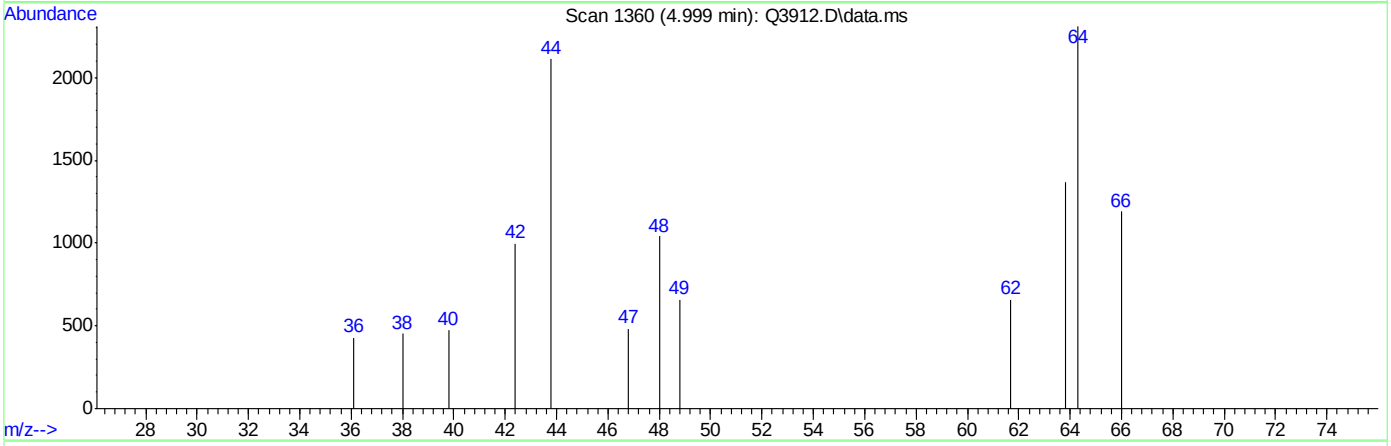
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	18.99
49.00	36.50	18.59
0.00	0.00	0.00

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

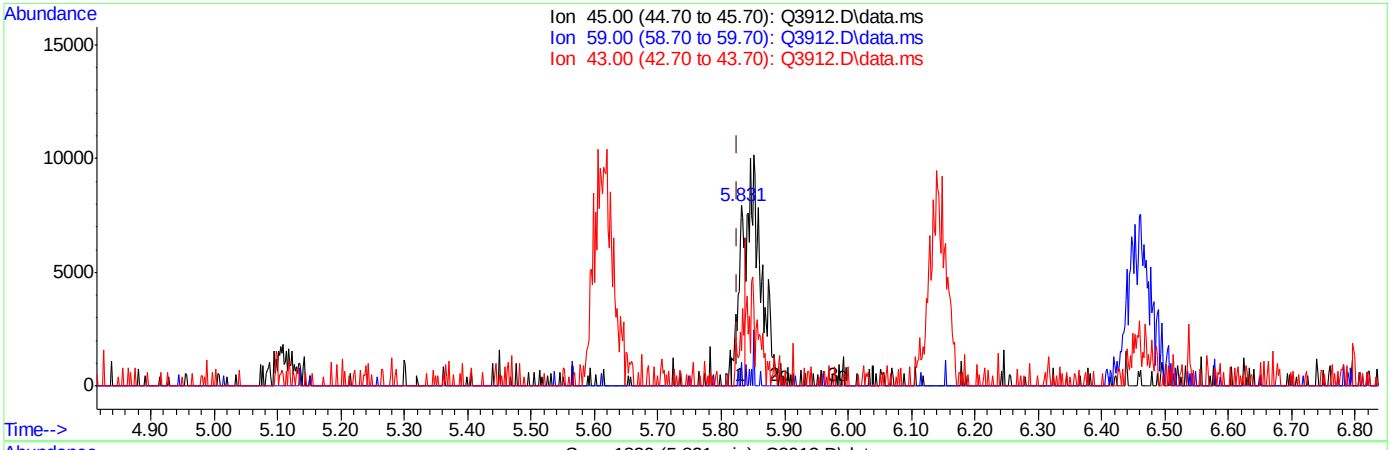
response 4690

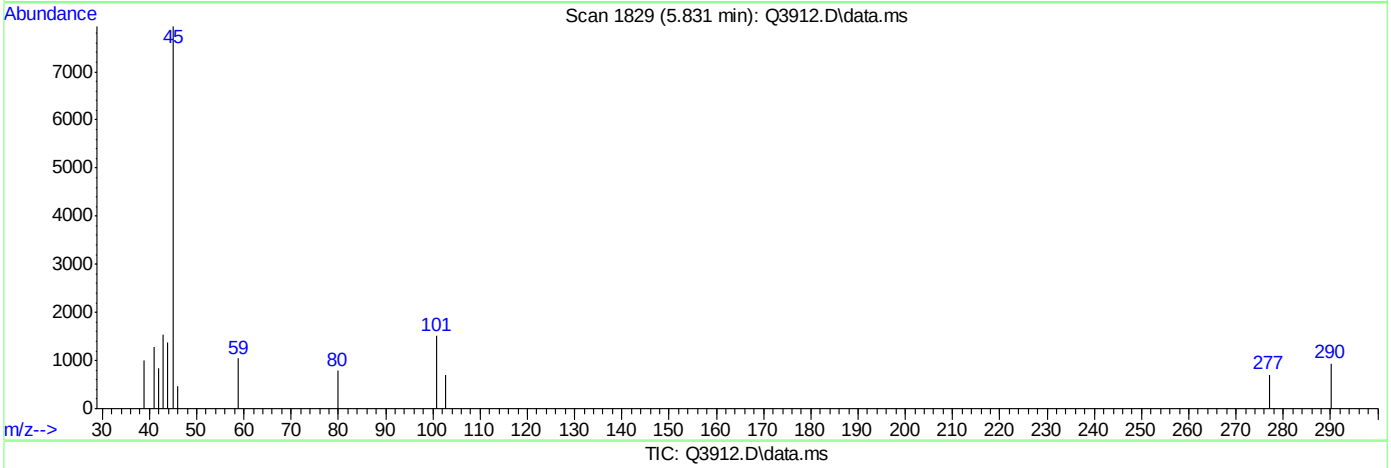
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	14.16
49.00	36.50	13.86#
0.00	0.00	0.00

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
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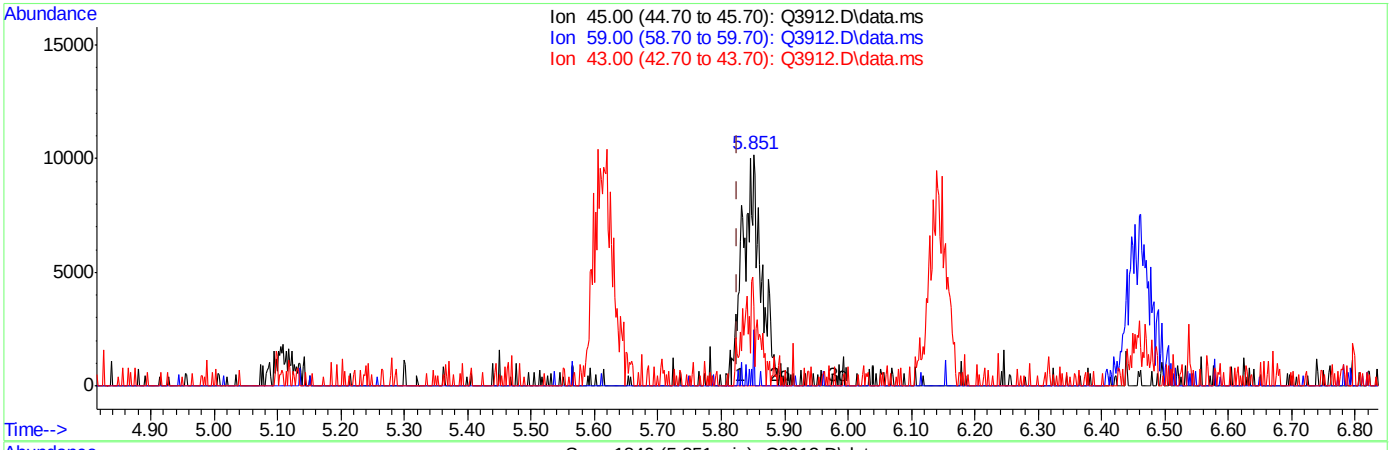
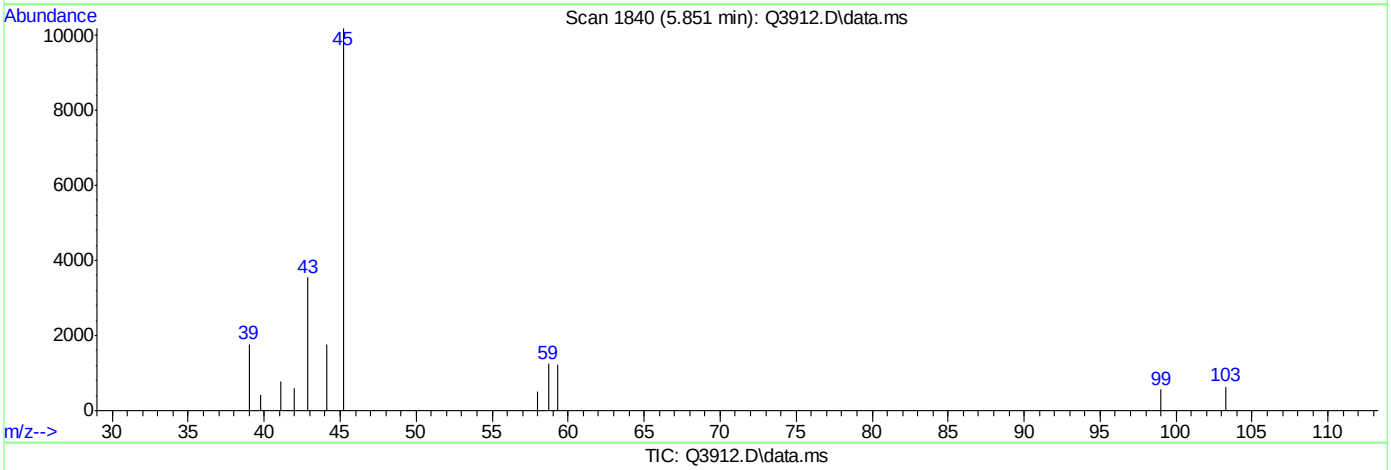




TIC: Q3912.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.851min (+0.026) 0.51PPBV m

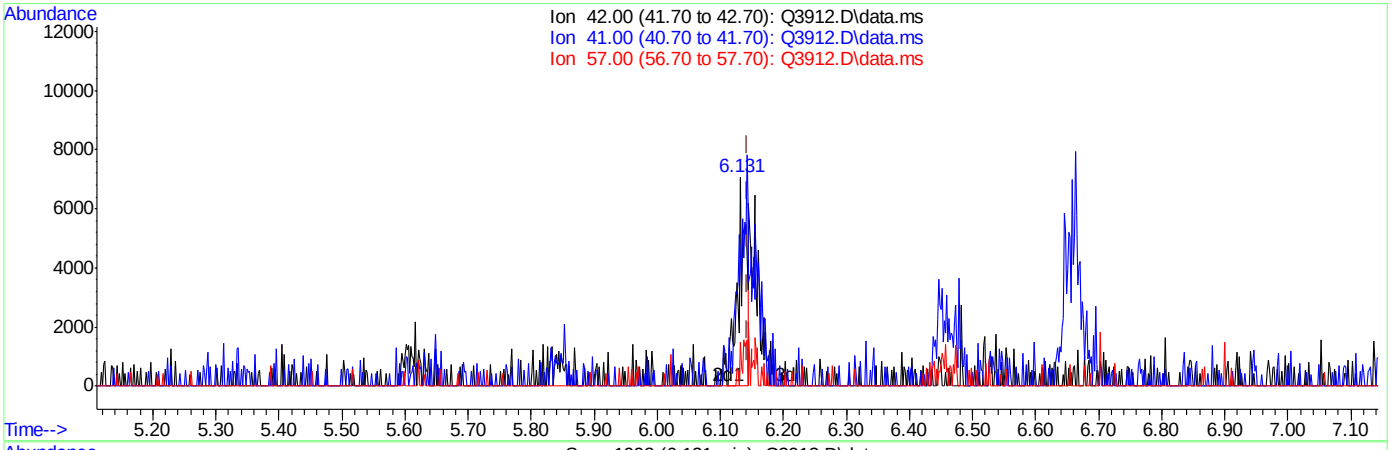
response 20668

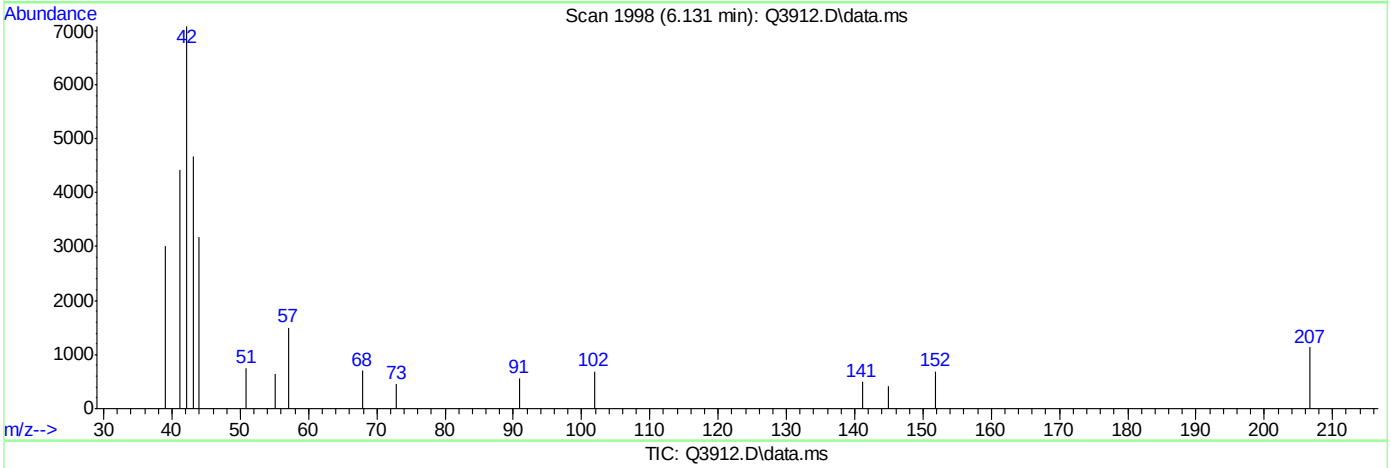
Ion	Exp%	Act%
45.00	100	100
59.00	3.70	12.28
43.00	19.70	34.76
0.00	0.00	0.00

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

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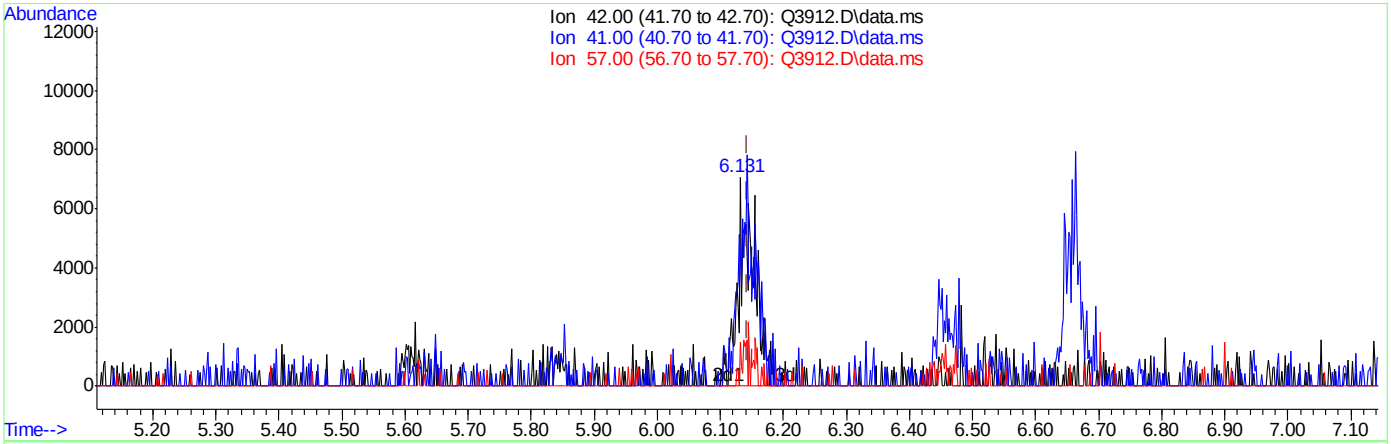
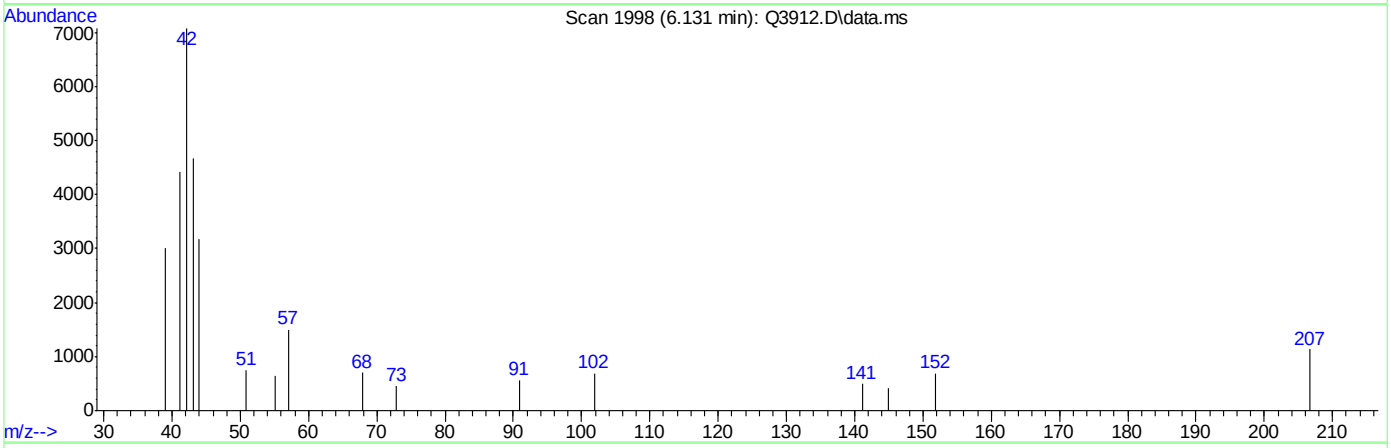
Quantitation Report (Qedit)

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

(13) PENTANE (m)

6.131min (-0.012) 0.50PPBV m

response 12778

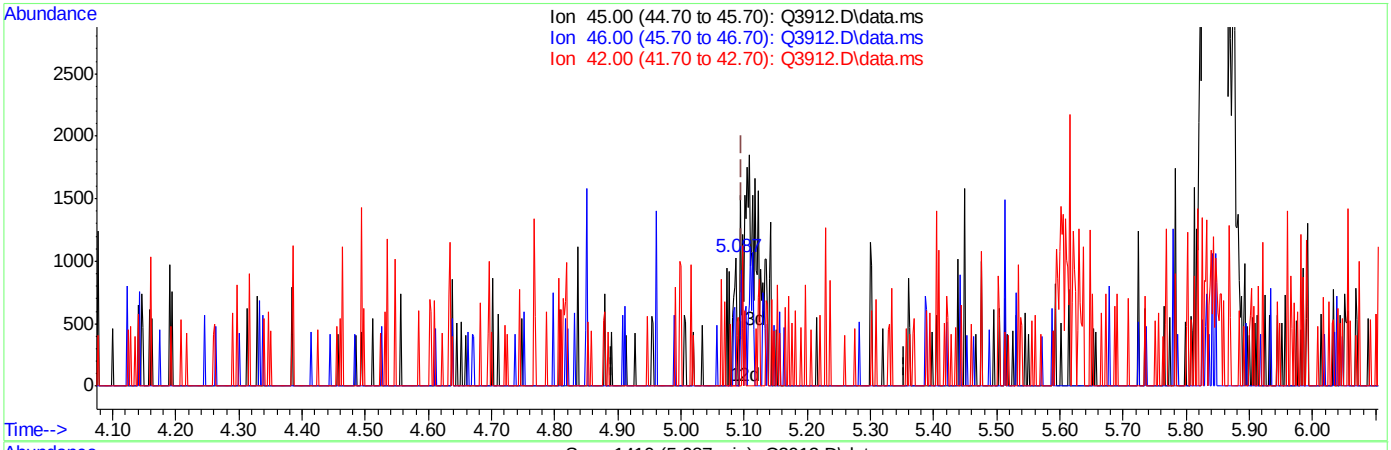
Ion	Exp%	Act%
42.00	100	100
41.00	94.80	21.09#
57.00	28.90	0.00#
0.00	0.00	0.00

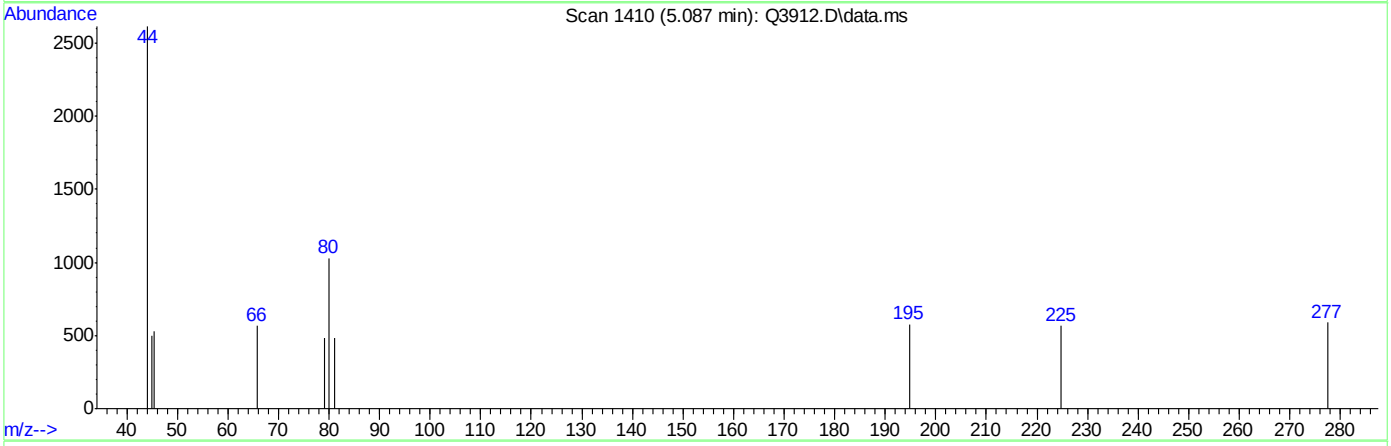
ACCUTEST Laboratories M68147

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

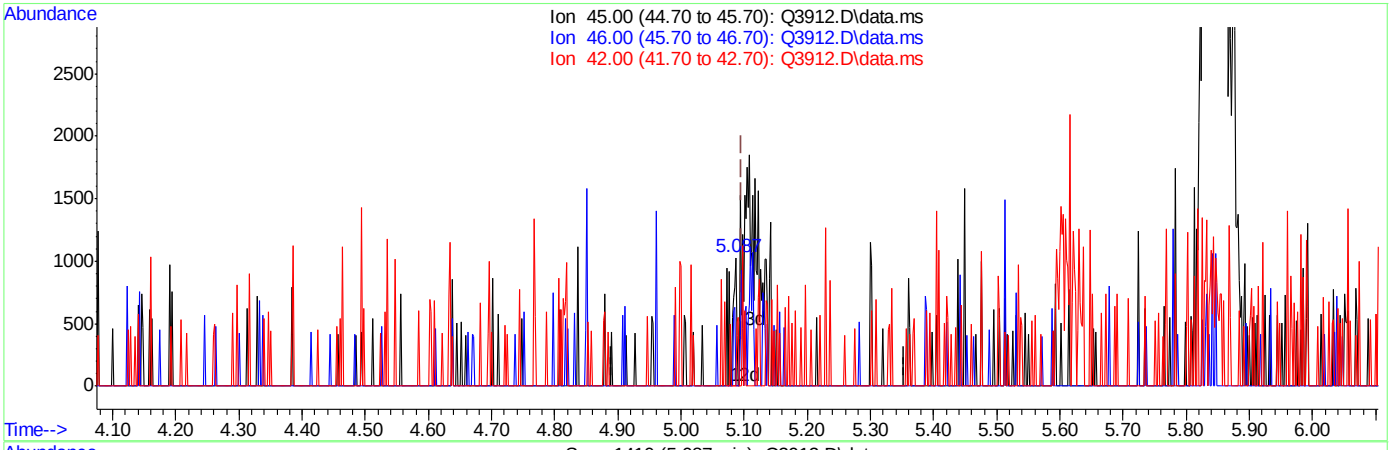
response 469

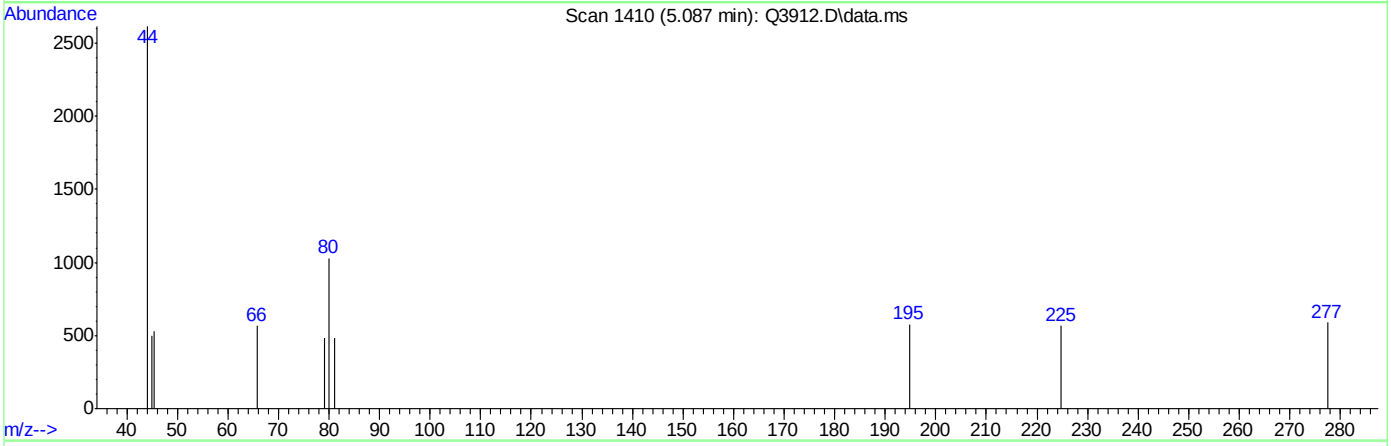
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	27.93
42.00	8.40	11.30
0.00	0.00	0.00

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

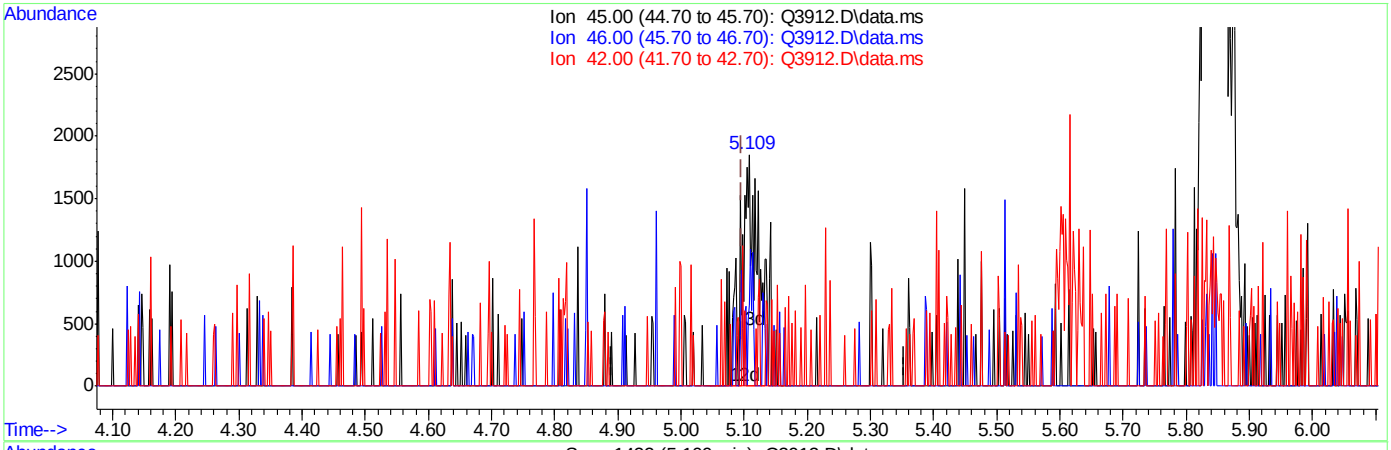
response 469

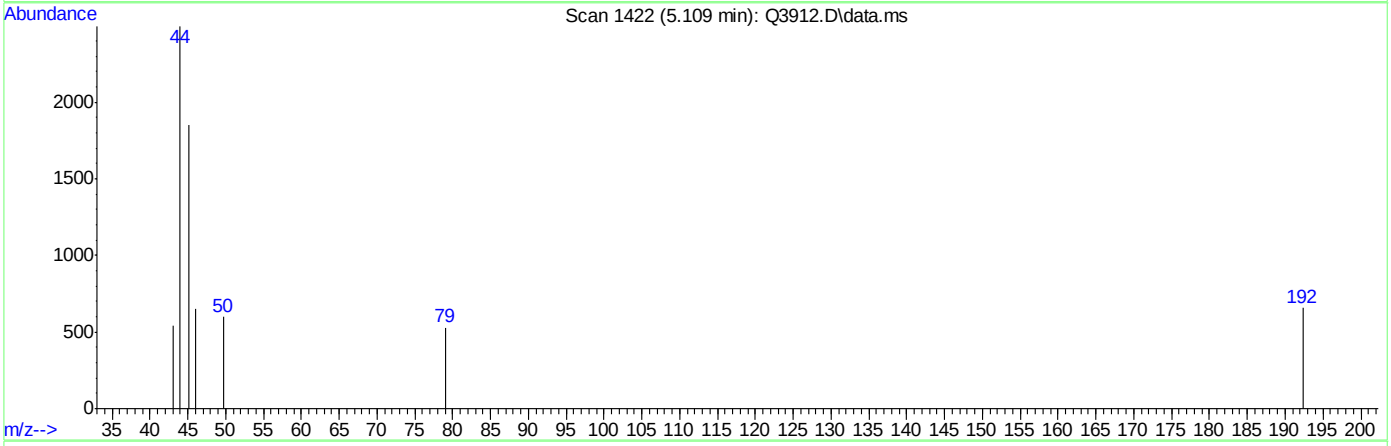
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	27.93
42.00	8.40	11.30
0.00	0.00	0.00

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

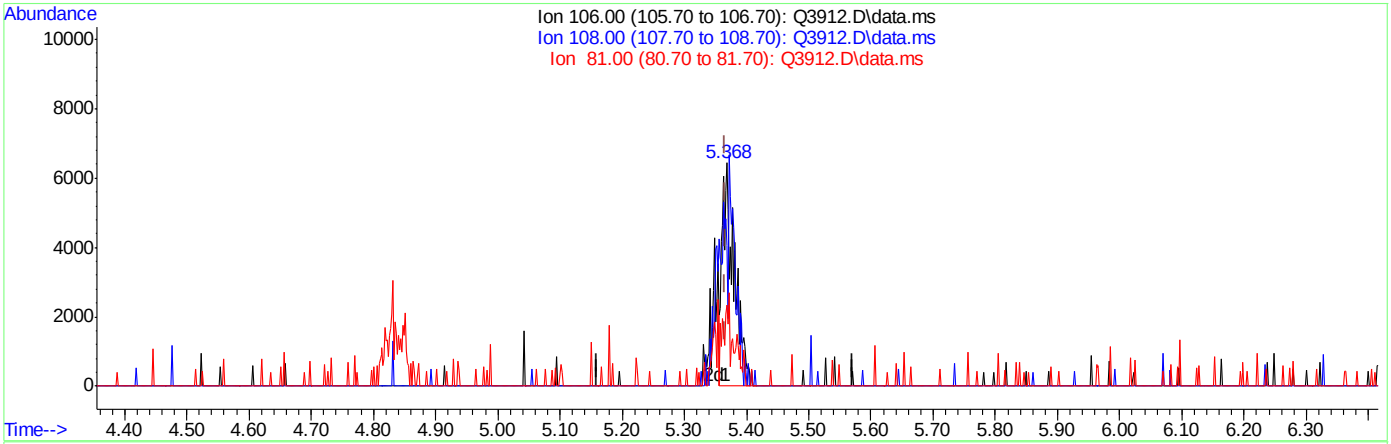
response 3764

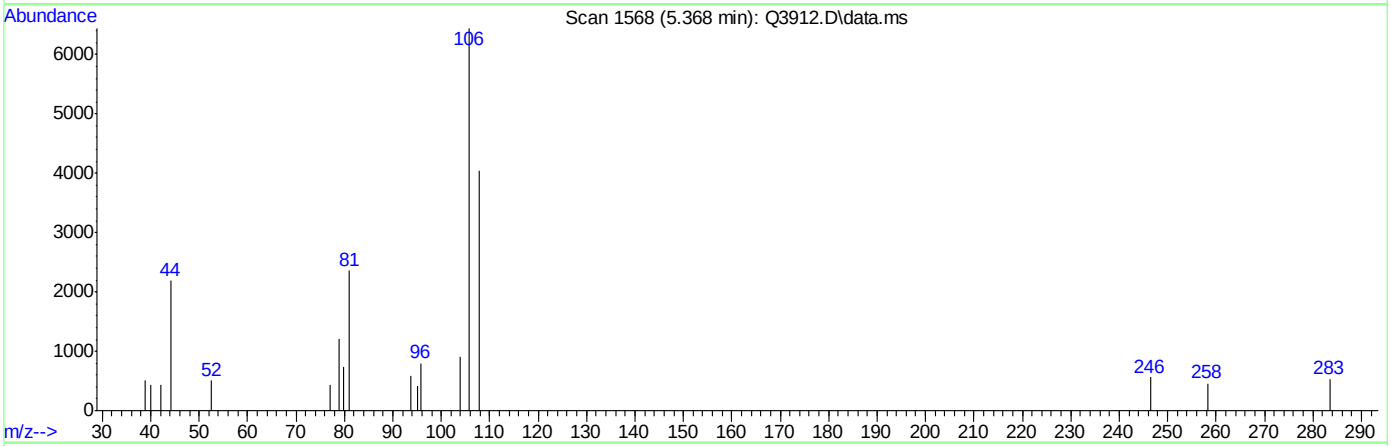
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	3.48#
42.00	8.40	1.41
0.00	0.00	0.00

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

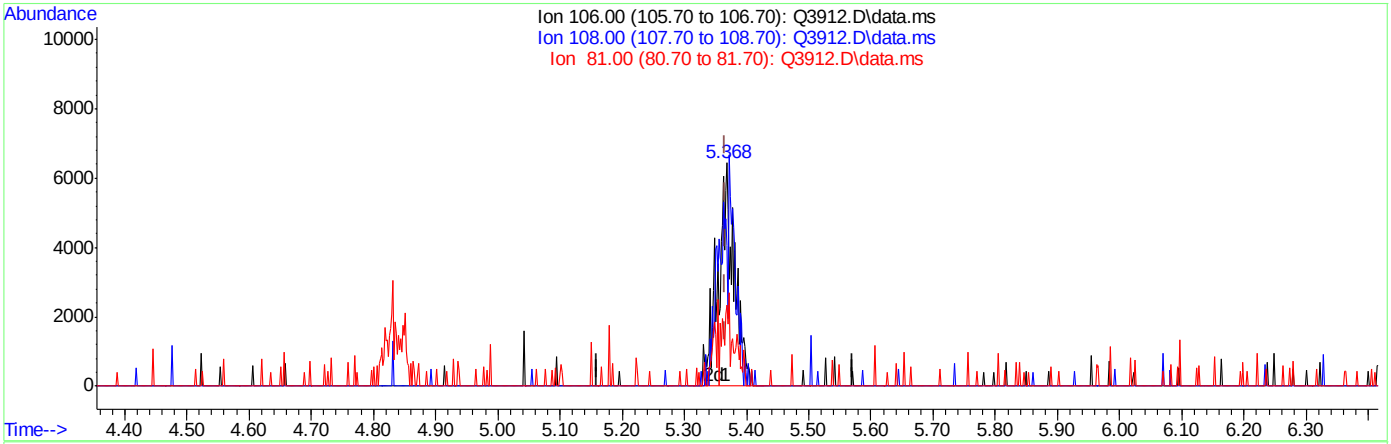
response 8655

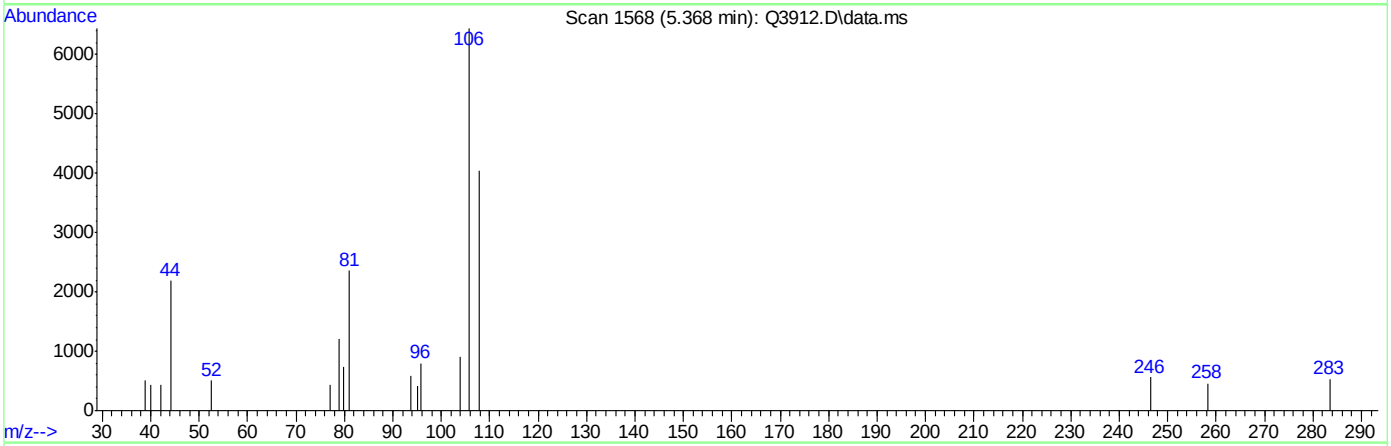
Ion	Exp%	Act%
106.00	100	100
108.00	94.00	57.42#
81.00	16.80	21.18#
0.00	0.00	0.00

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

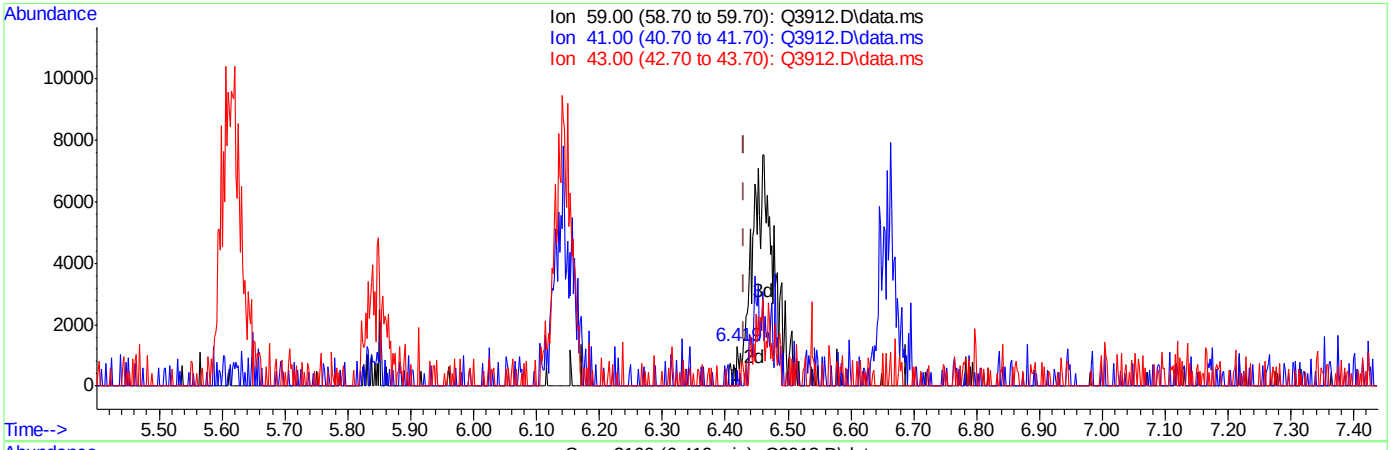
response 11543

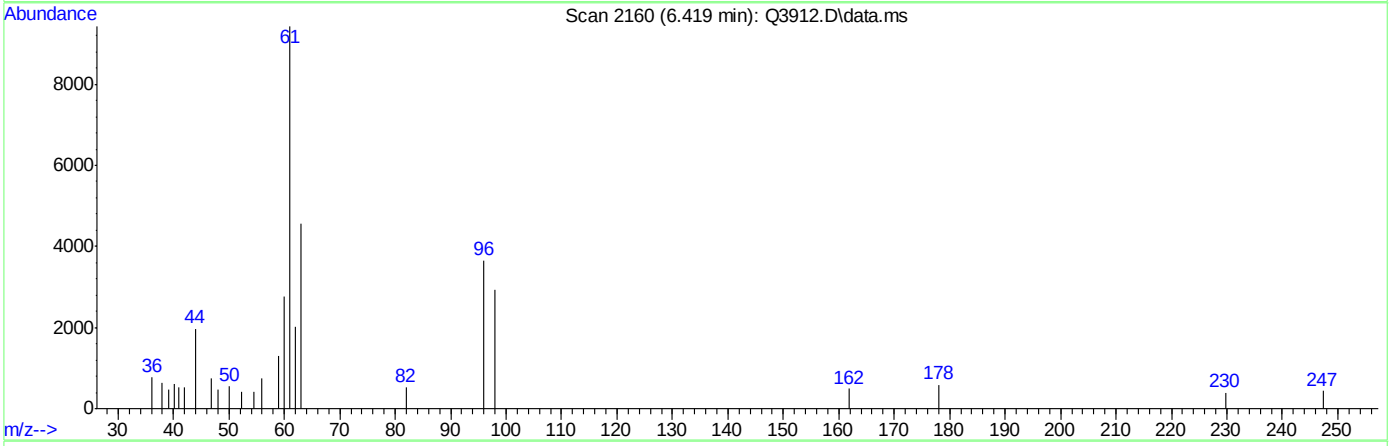
Ion	Exp%	Act%
106.00	100	100
108.00	94.00	43.06#
81.00	16.80	15.88
0.00	0.00	0.00

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

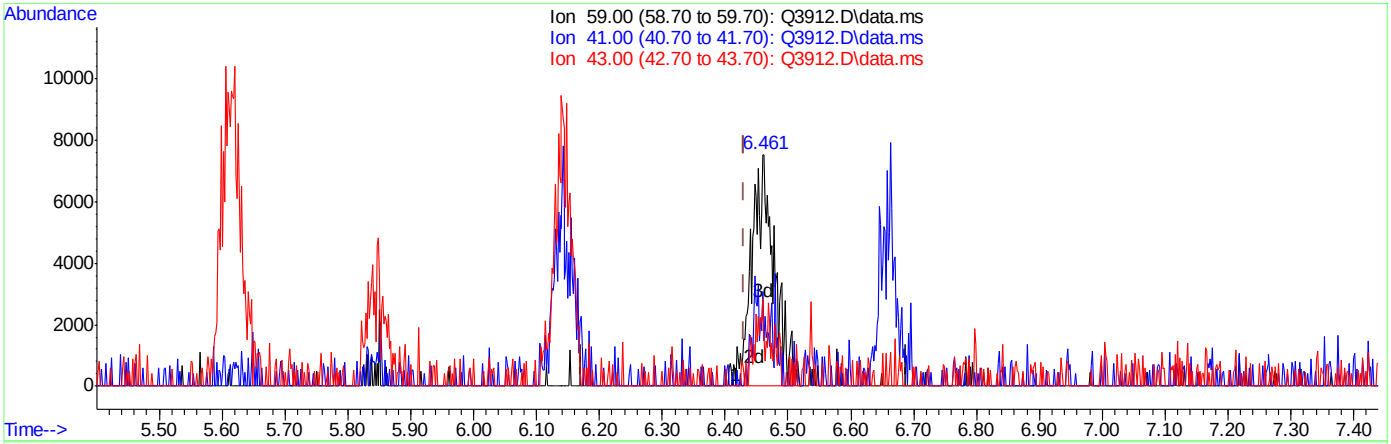
response 621

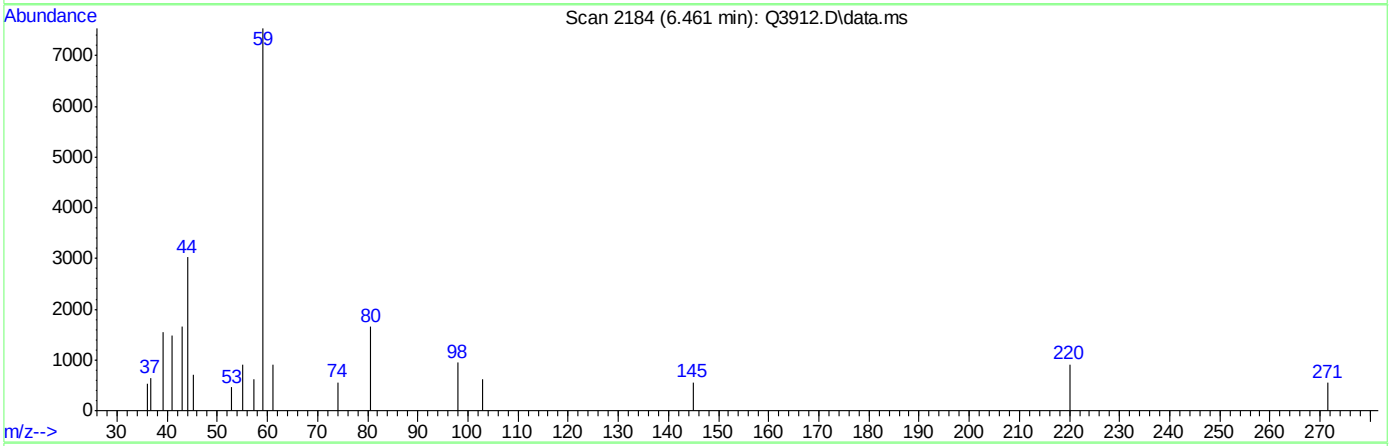
Ion	Exp%	Act%
59.00	100	100
41.00	16.40	0.00
43.00	13.40	34.46#
0.00	0.00	0.00

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

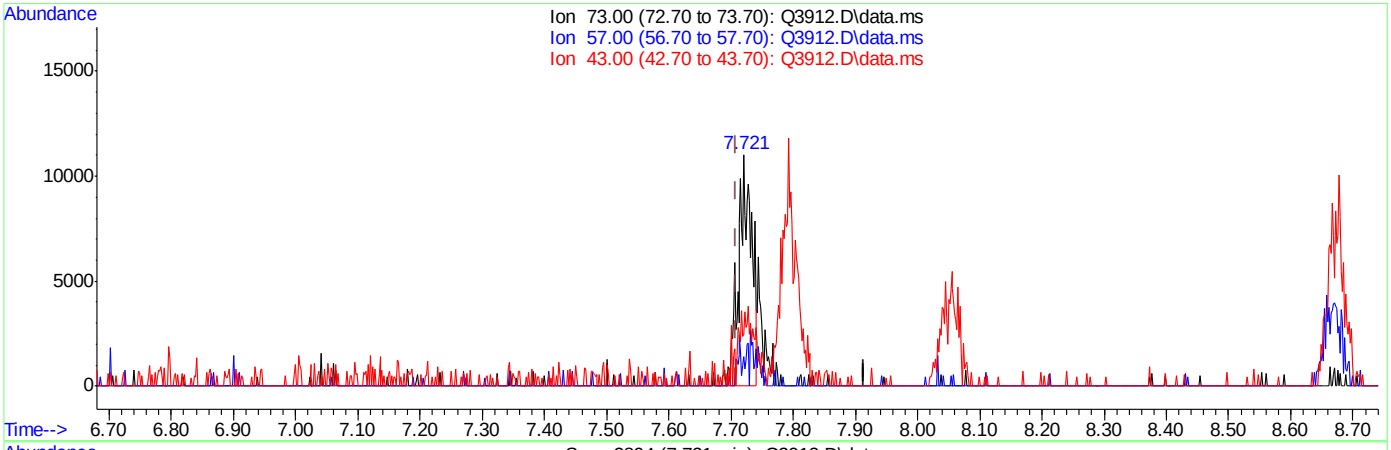
response 18338

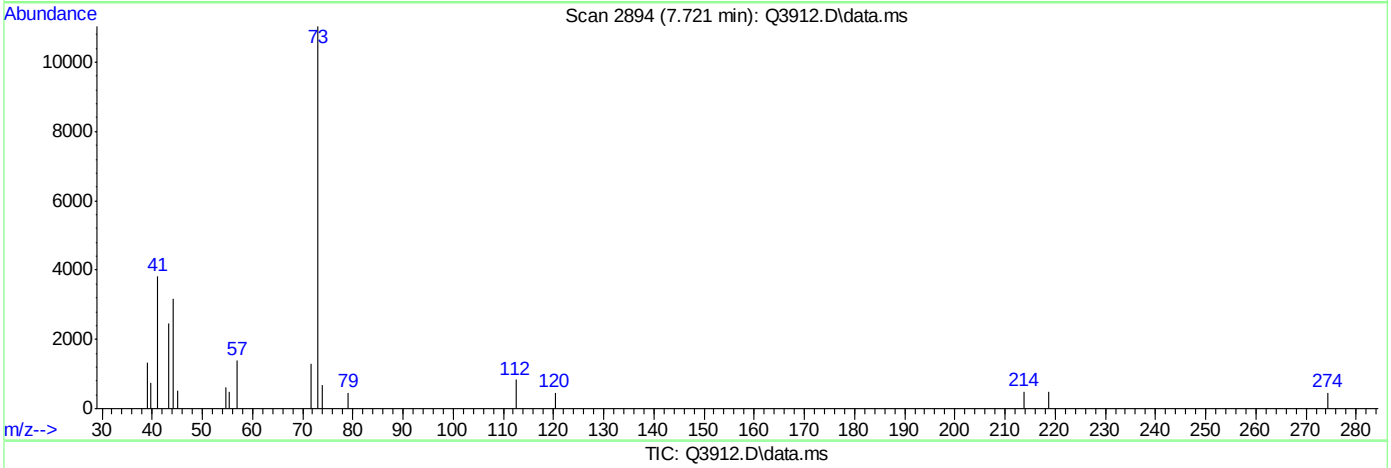
Ion	Exp%	Act%
59.00	100	100
41.00	16.40	0.00
43.00	13.40	1.17
0.00	0.00	0.00

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

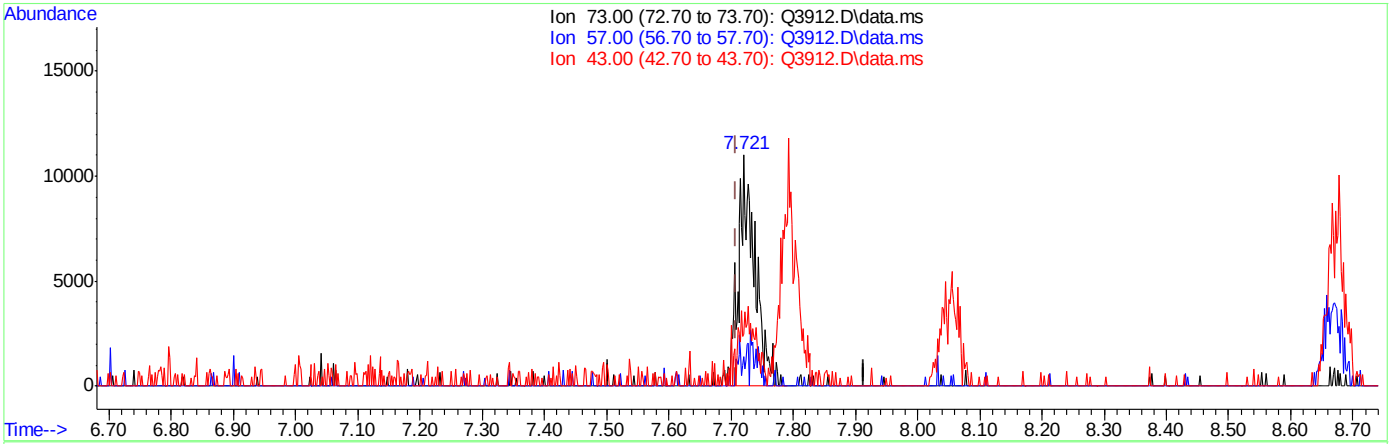
response 16330

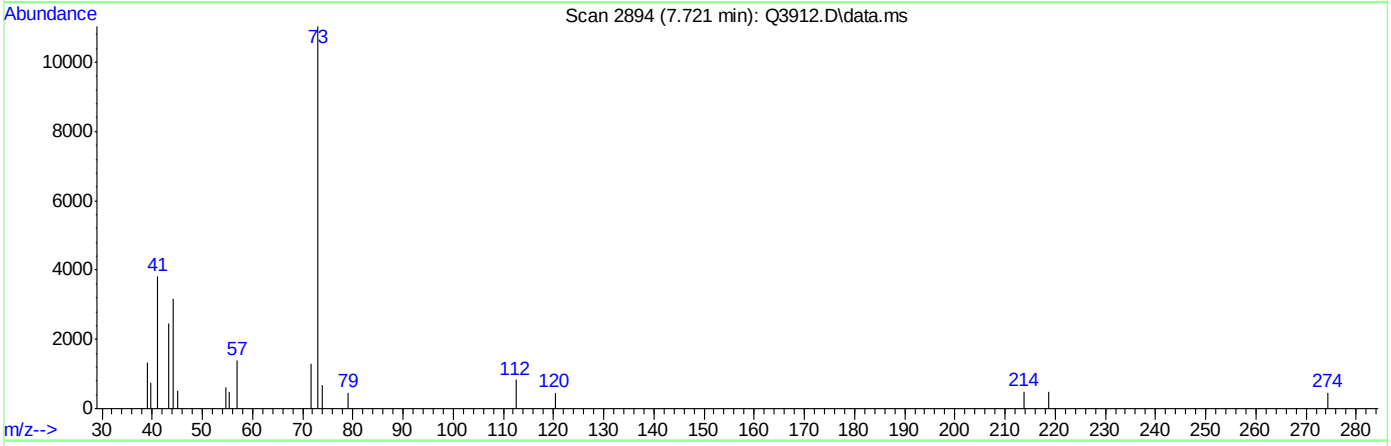
Ion	Exp%	Act%
73.00	100	100
57.00	26.00	3.48#
43.00	25.90	43.88
0.00	0.00	0.00

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

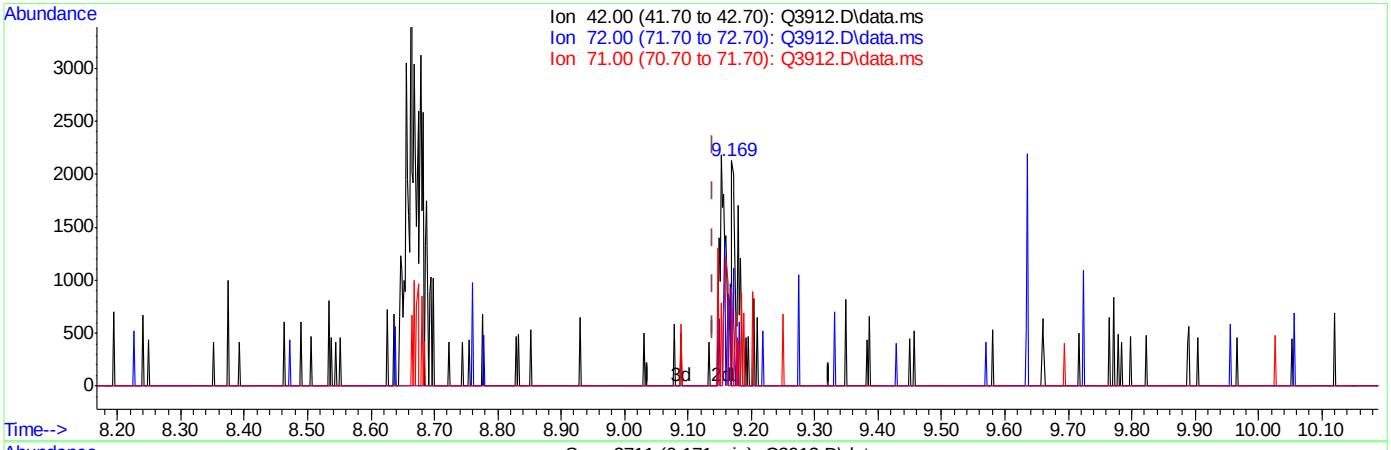
response 20070

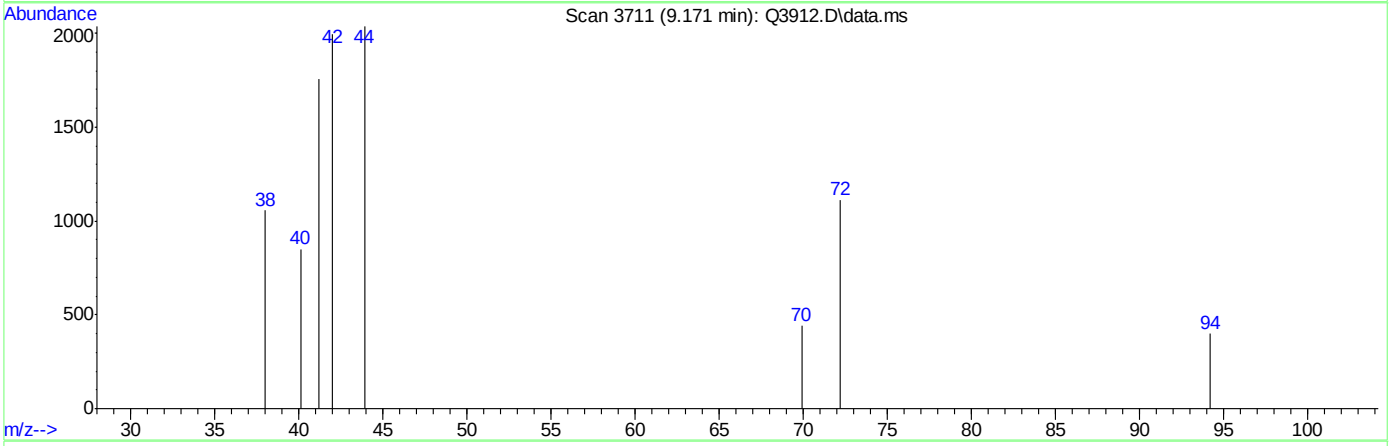
Ion	Exp%	Act%
73.00	100	100
57.00	26.00	2.83#
43.00	25.90	35.70
0.00	0.00	0.00

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

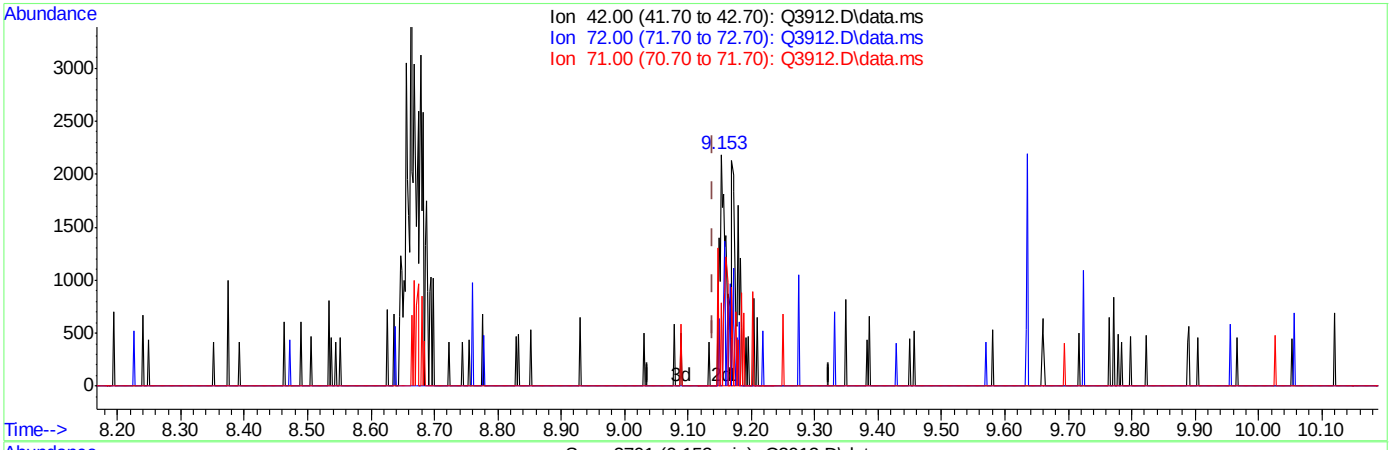
response 1197

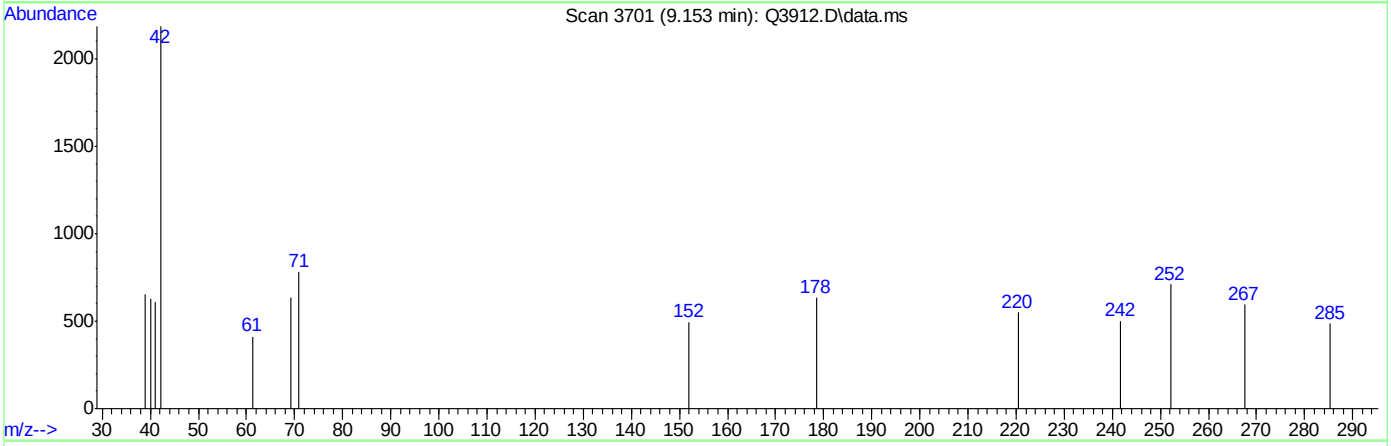
Ion	Exp%	Act%
42.00	100	100
72.00	28.70	19.21
71.00	27.60	17.96
0.00	0.00	0.00

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

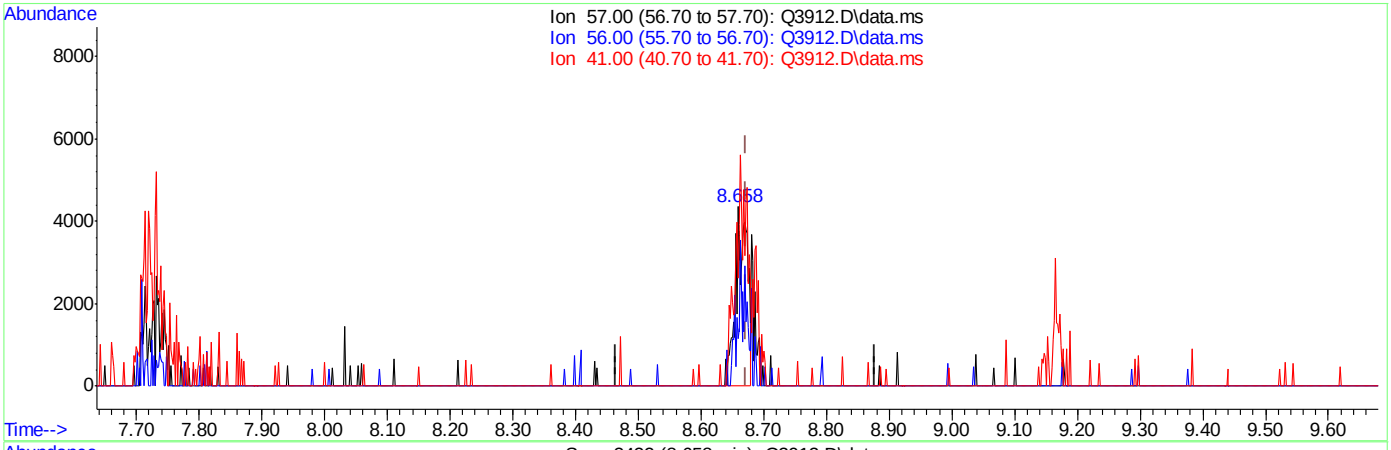
response 2948

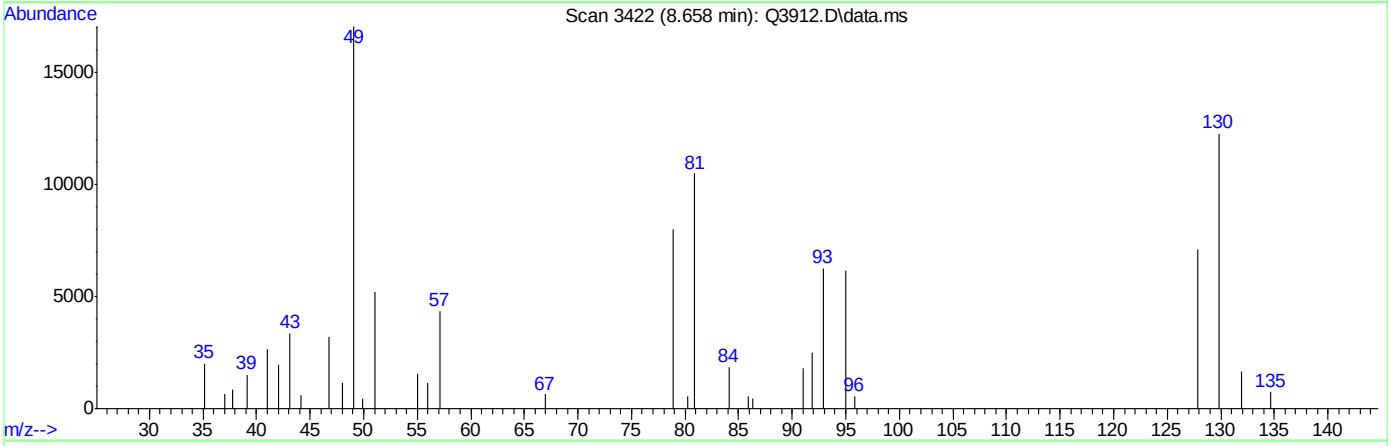
Ion	Exp%	Act%
42.00	100	100
72.00	28.70	7.80#
71.00	27.60	7.29#
0.00	0.00	0.00

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

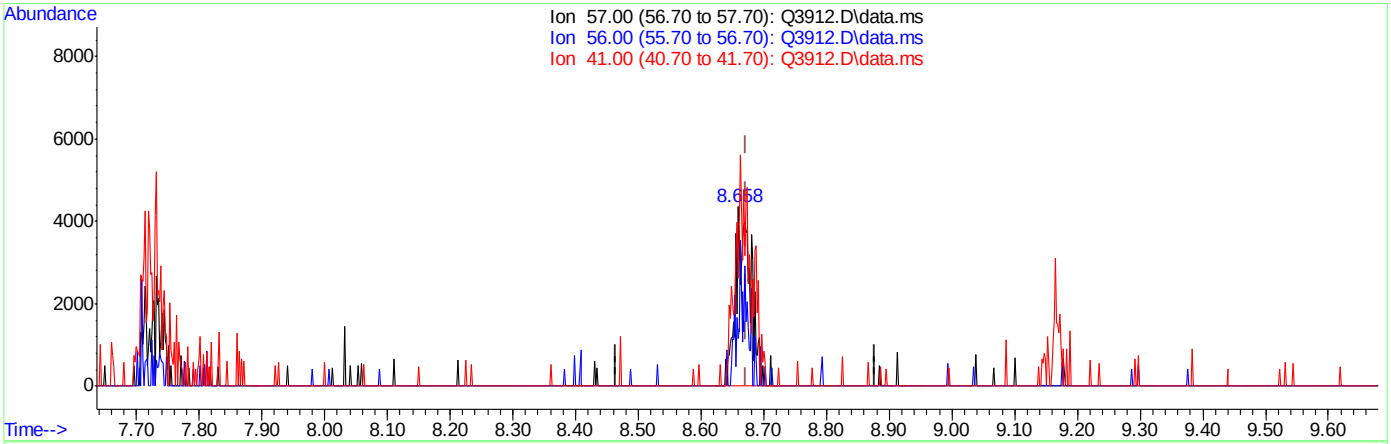
response 6049

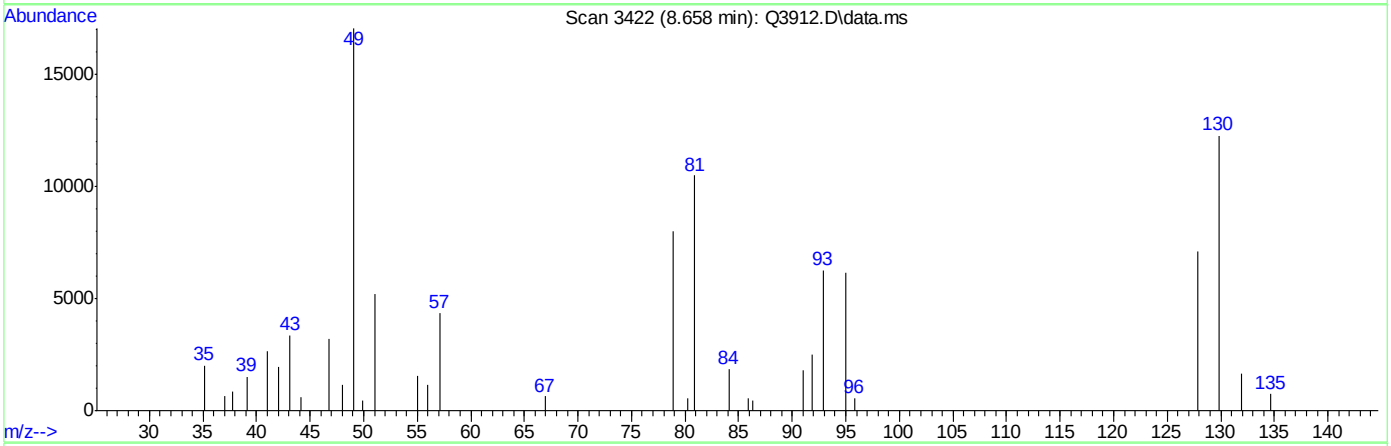
Ion	Exp%	Act%
57.00	100	100
56.00	54.30	55.07
41.00	78.90	119.18#
0.00	0.00	0.00

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

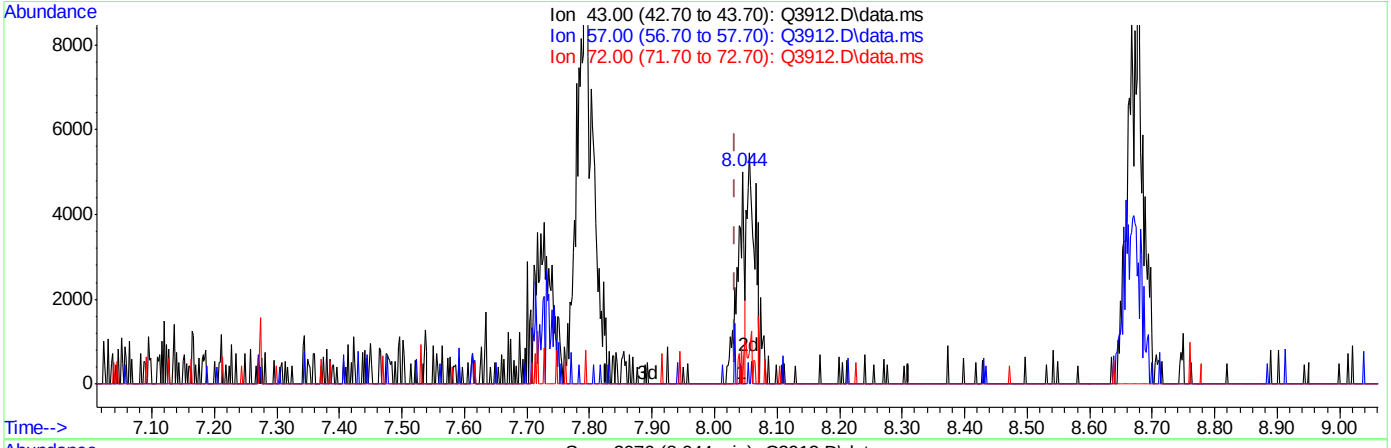
response 7612

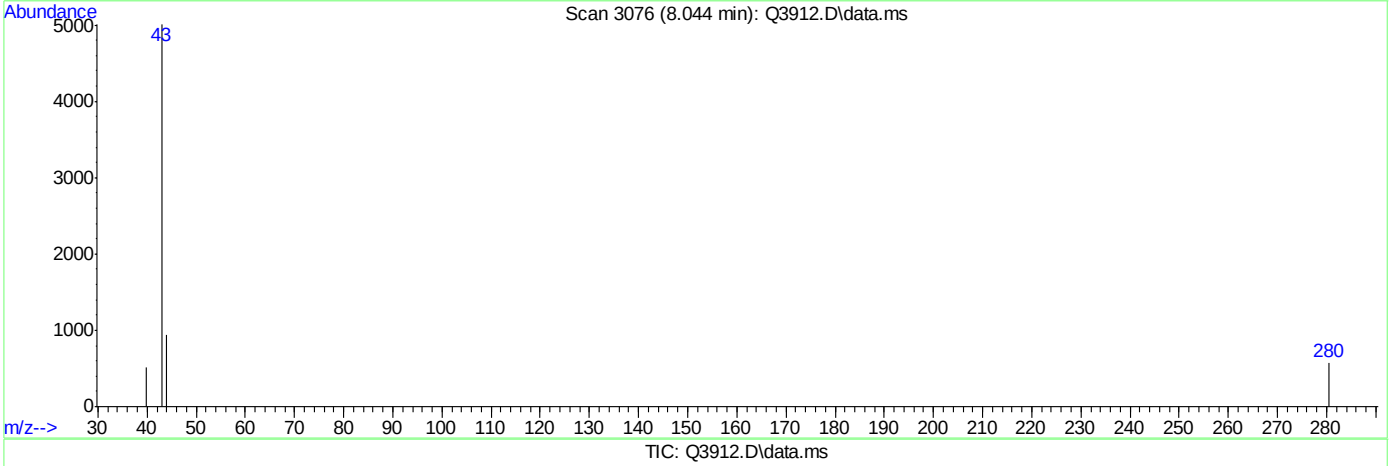
Ion	Exp%	Act%
57.00	100	100
56.00	54.30	43.76
41.00	78.90	94.71
0.00	0.00	0.00

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

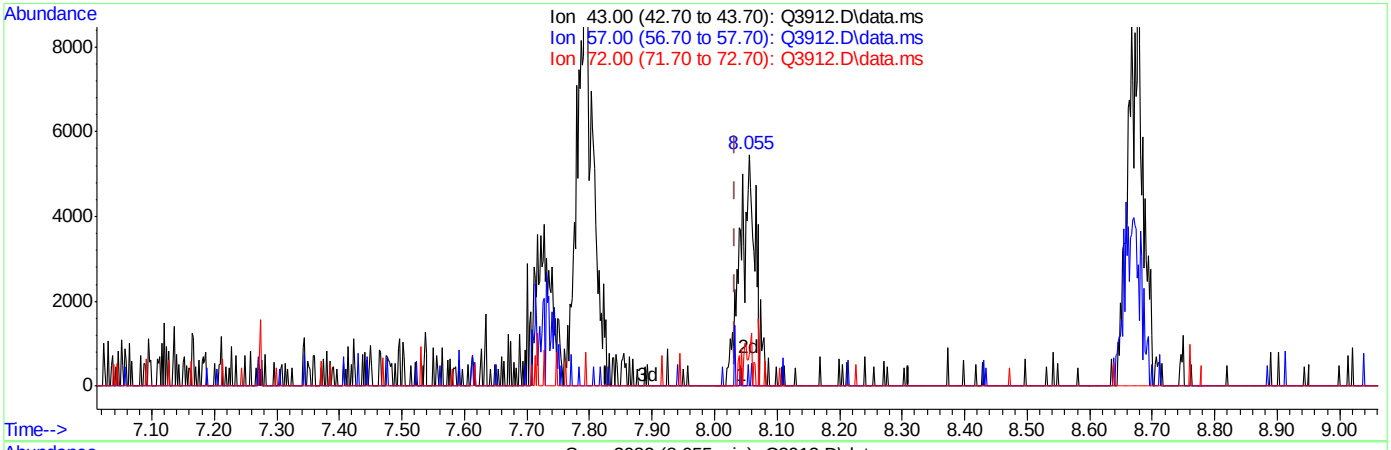
response 3742

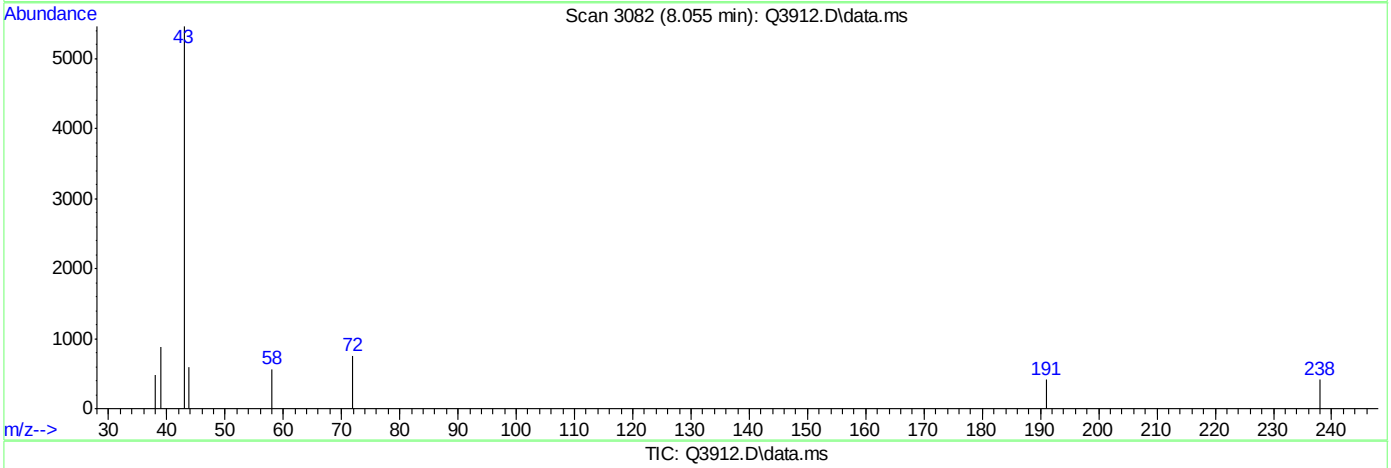
Ion	Exp%	Act%
43.00	100	100
57.00	7.70	0.00
72.00	14.60	0.00
0.00	0.00	0.00

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

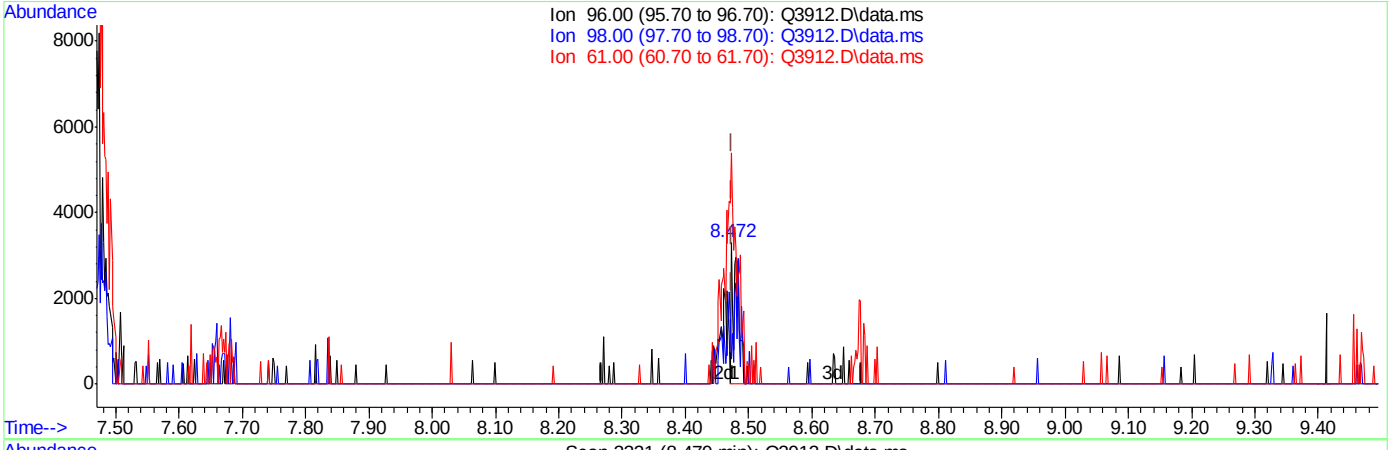
response 9741

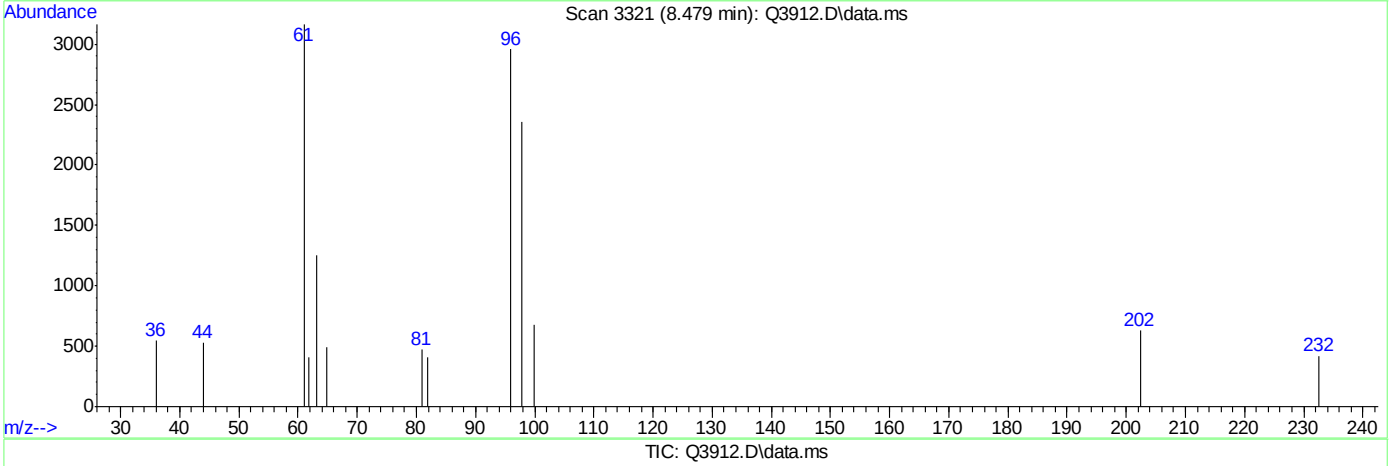
Ion	Exp%	Act%
43.00	100	100
57.00	7.70	0.00
72.00	14.60	13.73
0.00	0.00	0.00

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

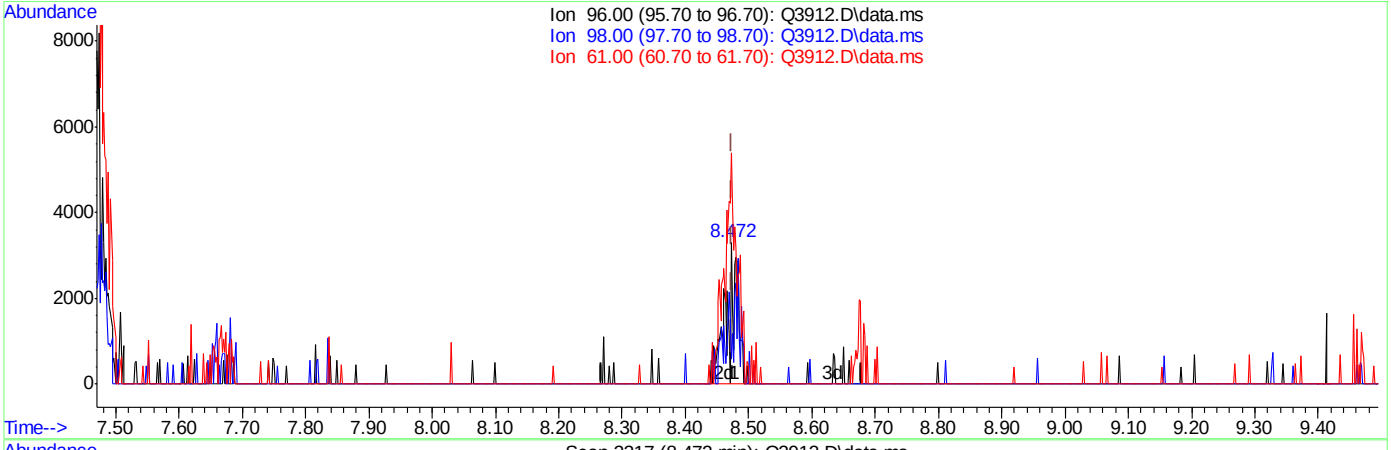
response 2166

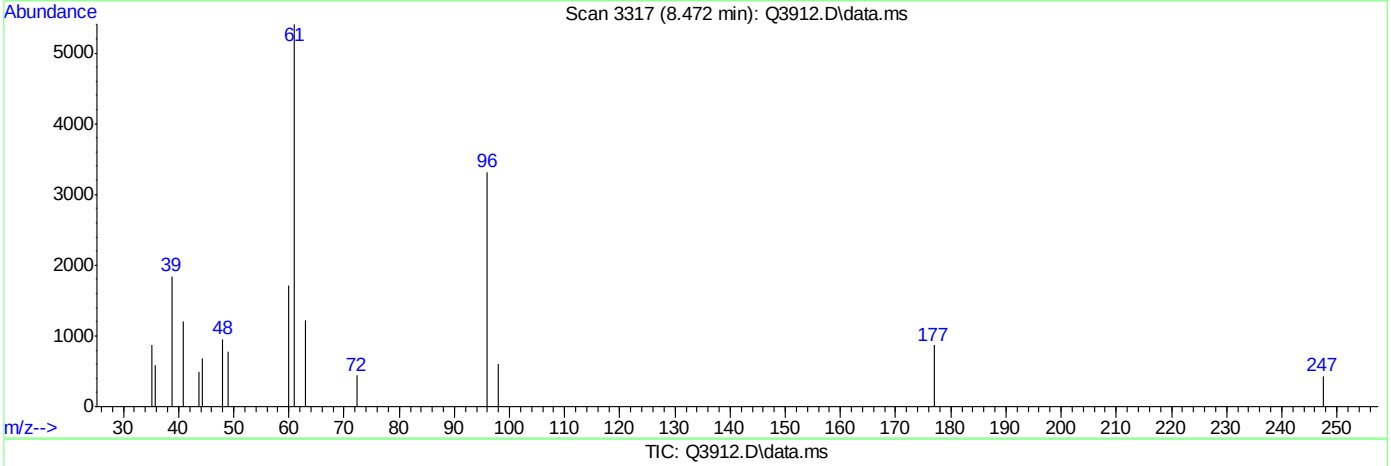
Ion	Exp%	Act%
96.00	100	100
98.00	63.40	104.52#
61.00	186.90	339.29#
0.00	0.00	0.00

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

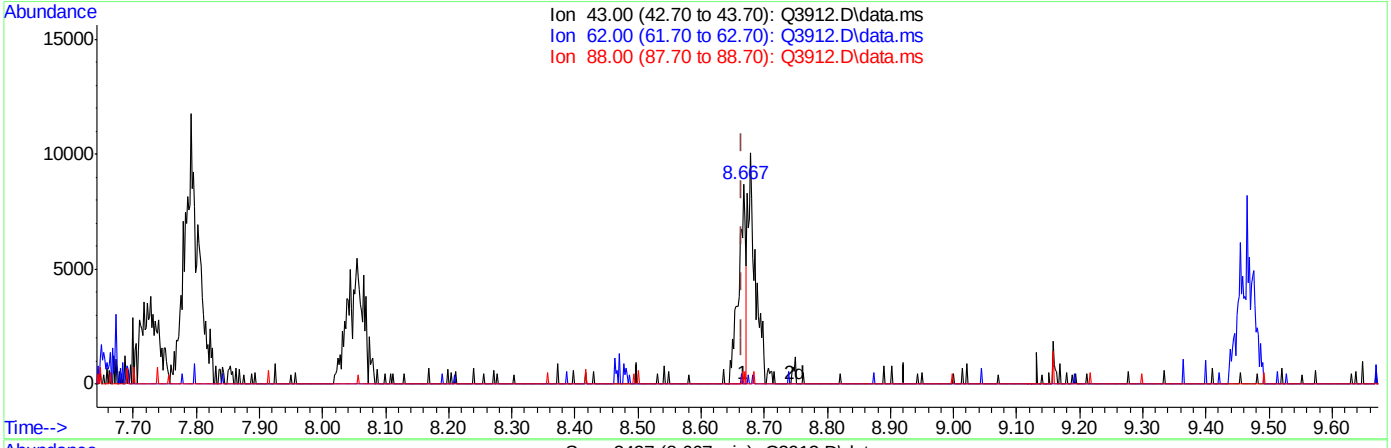
response 4081

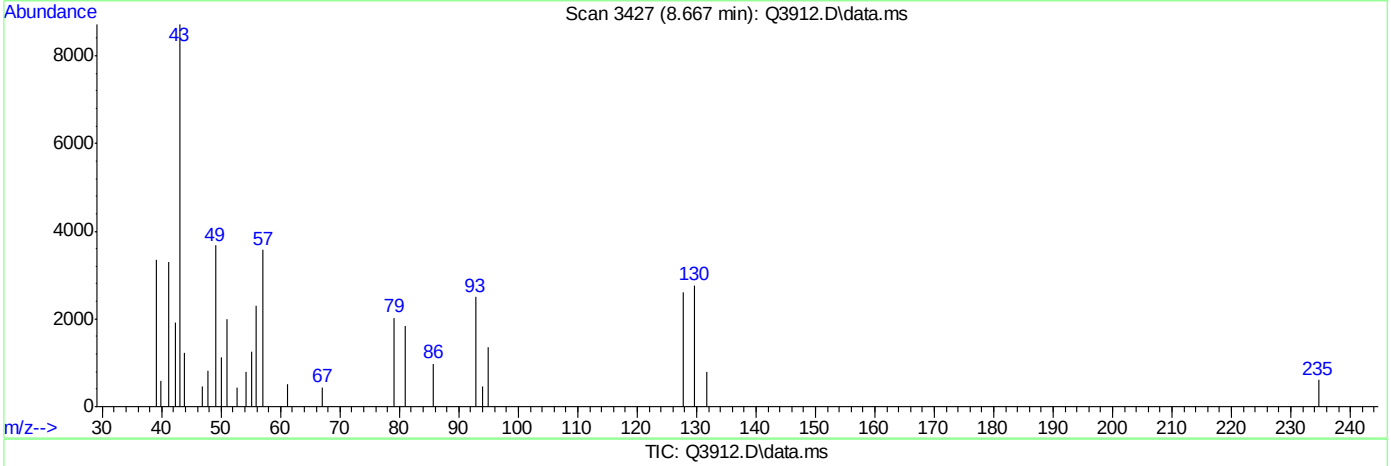
Ion	Exp%	Act%
96.00	100	100
98.00	63.40	55.48
61.00	186.90	180.08
0.00	0.00	0.00

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

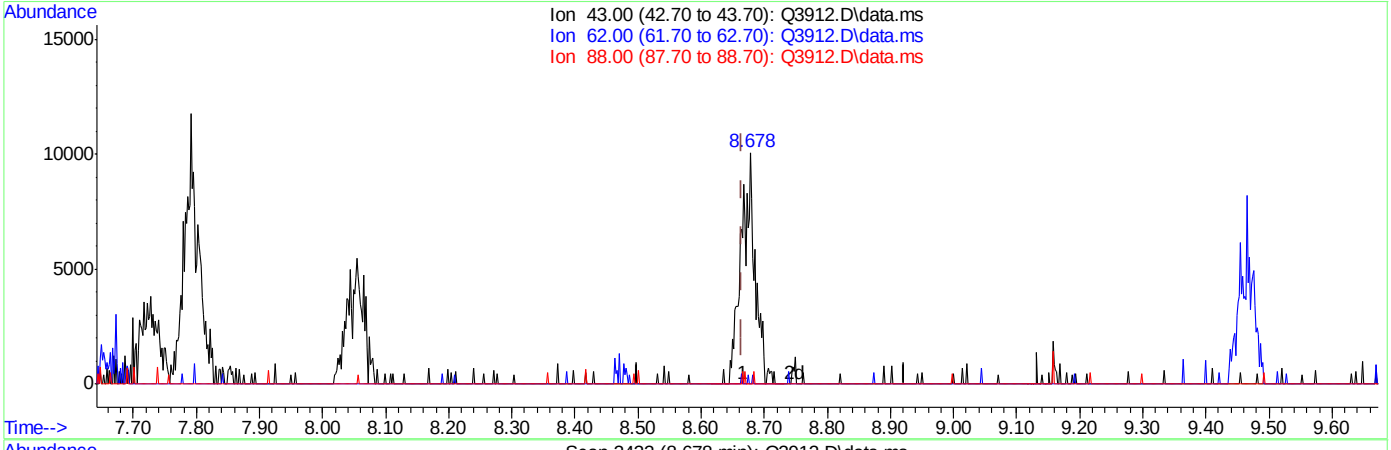
response 6715

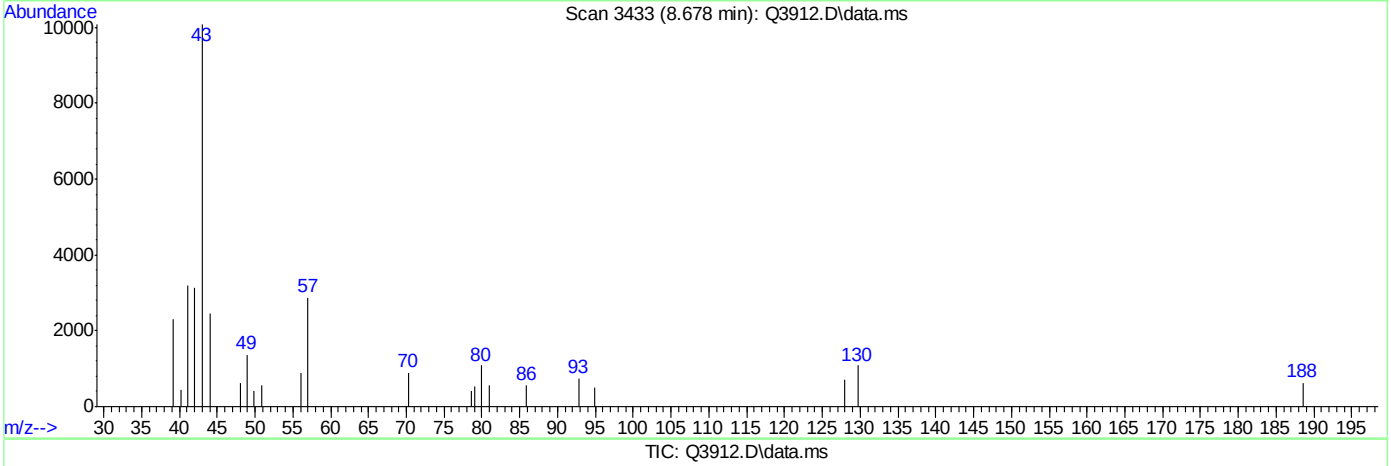
Ion	Exp%	Act%
43.00	100	100
62.00	0.30	0.71
88.00	1.60	0.00
0.00	0.00	0.00

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

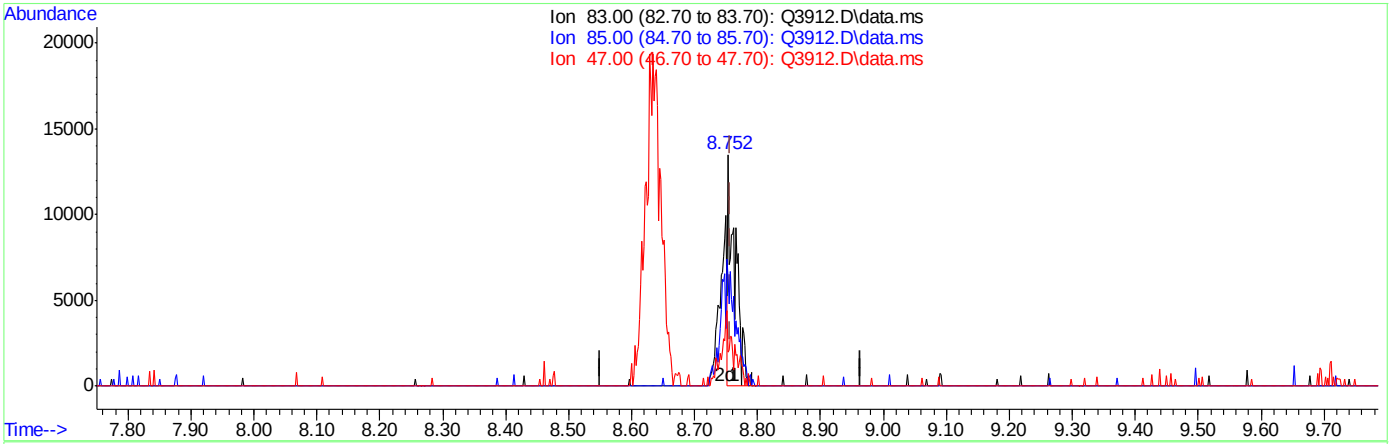
response 15450

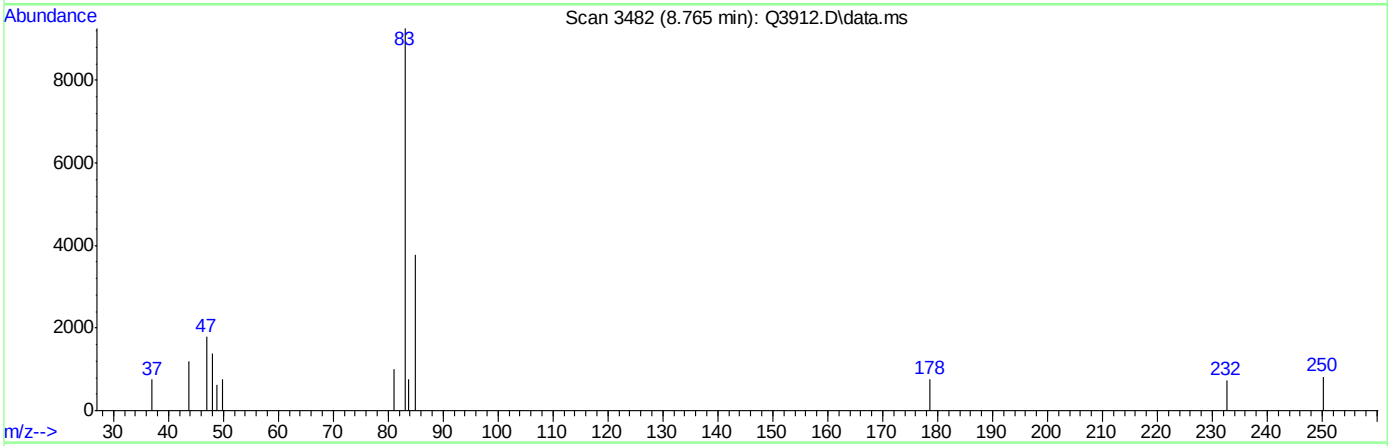
Ion	Exp%	Act%
43.00	100	100
62.00	0.30	0.31
88.00	1.60	0.00
0.00	0.00	0.00

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

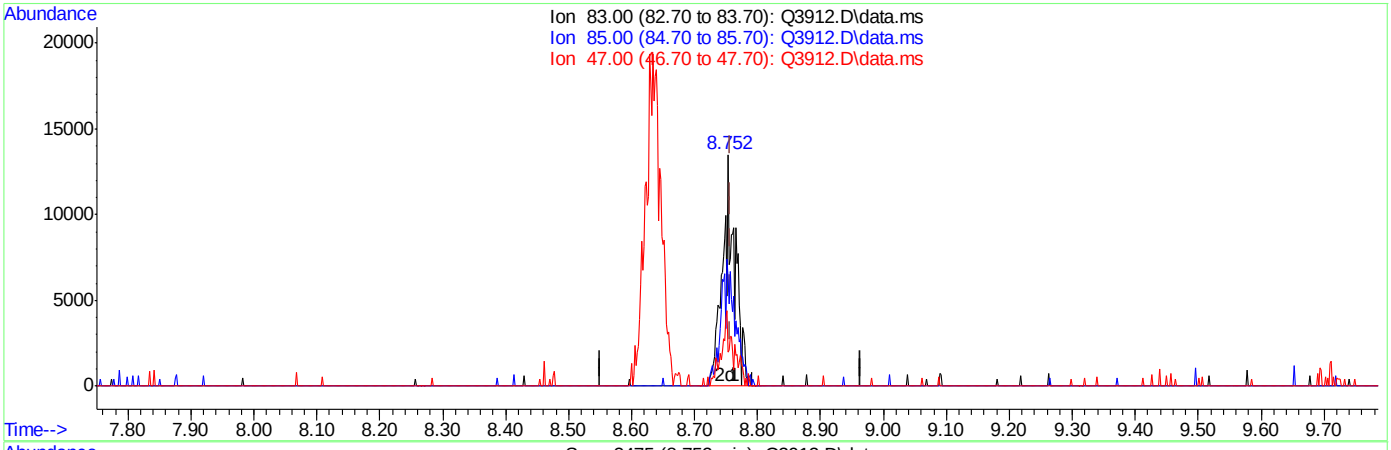
response 10846

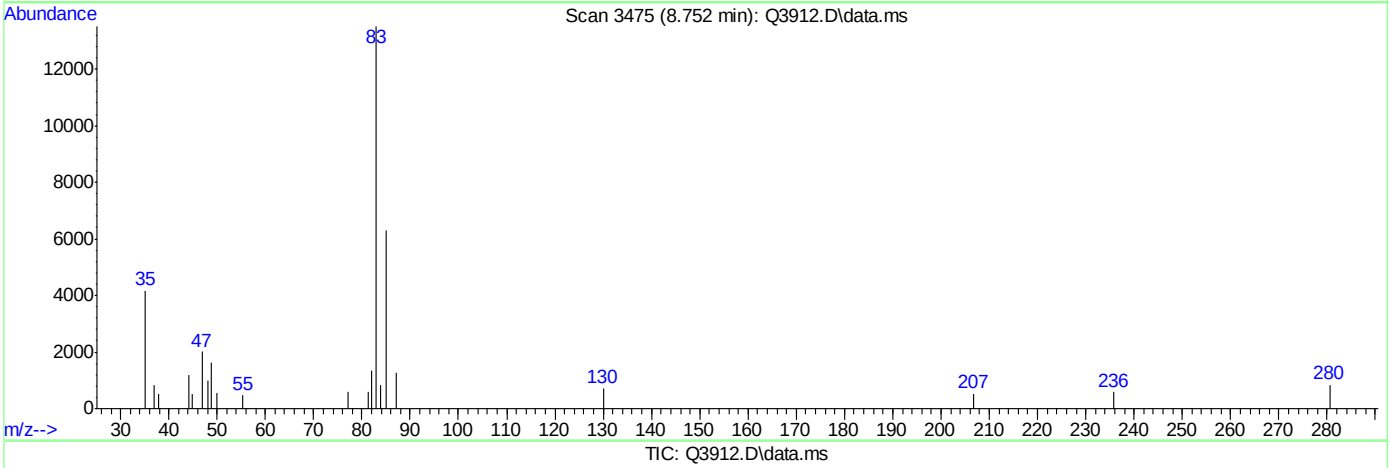
Ion	Exp%	Act%
83.00	100	100
85.00	64.20	0.00#
47.00	31.80	0.00#
0.00	0.00	0.00

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

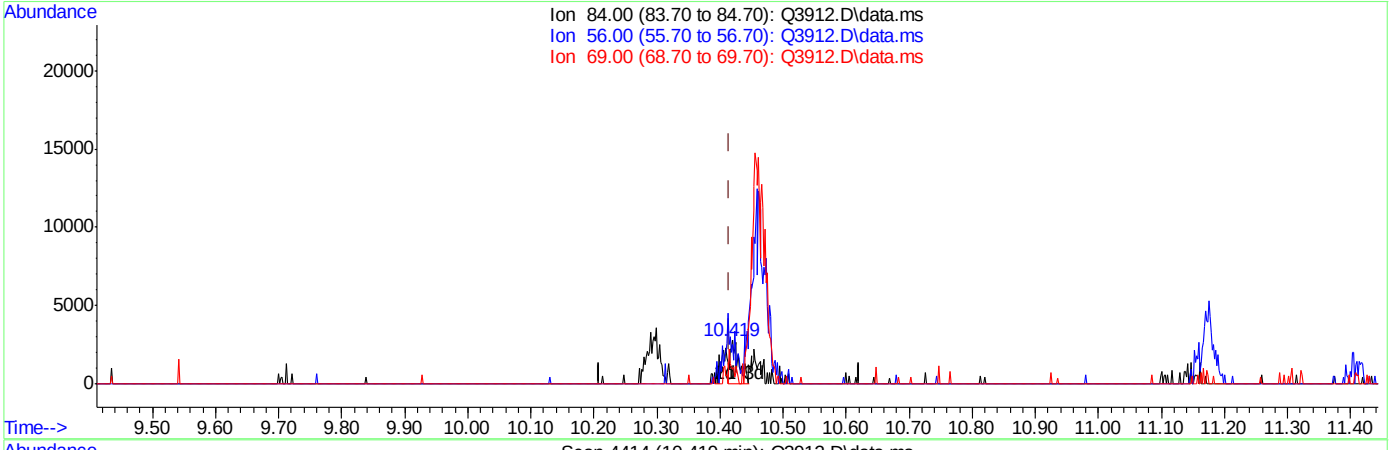
response 18492

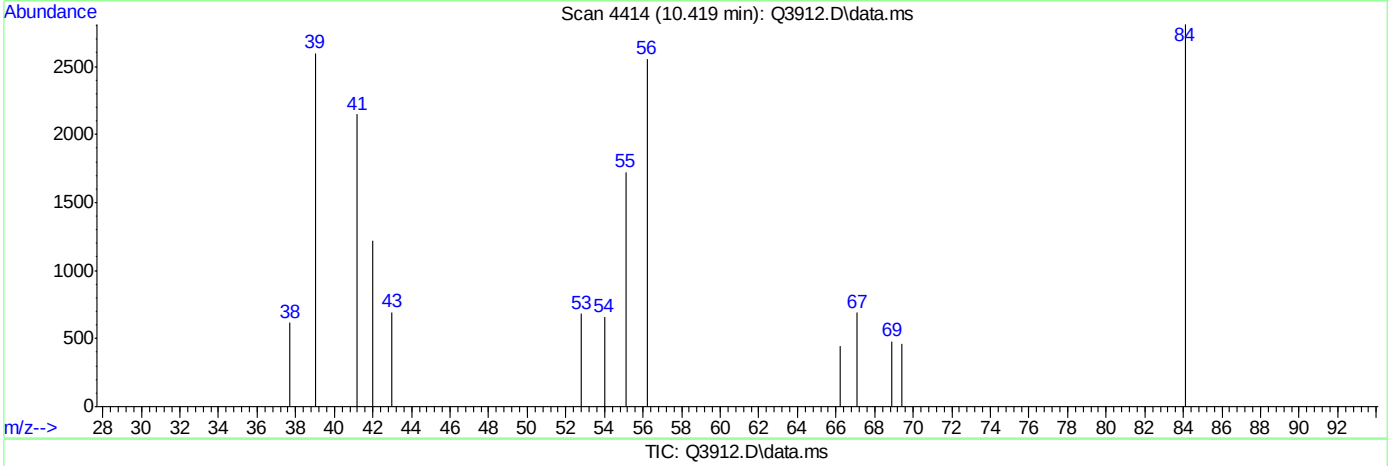
Ion	Exp%	Act%
83.00	100	100
85.00	64.20	0.00#
47.00	31.80	0.00#
0.00	0.00	0.00

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

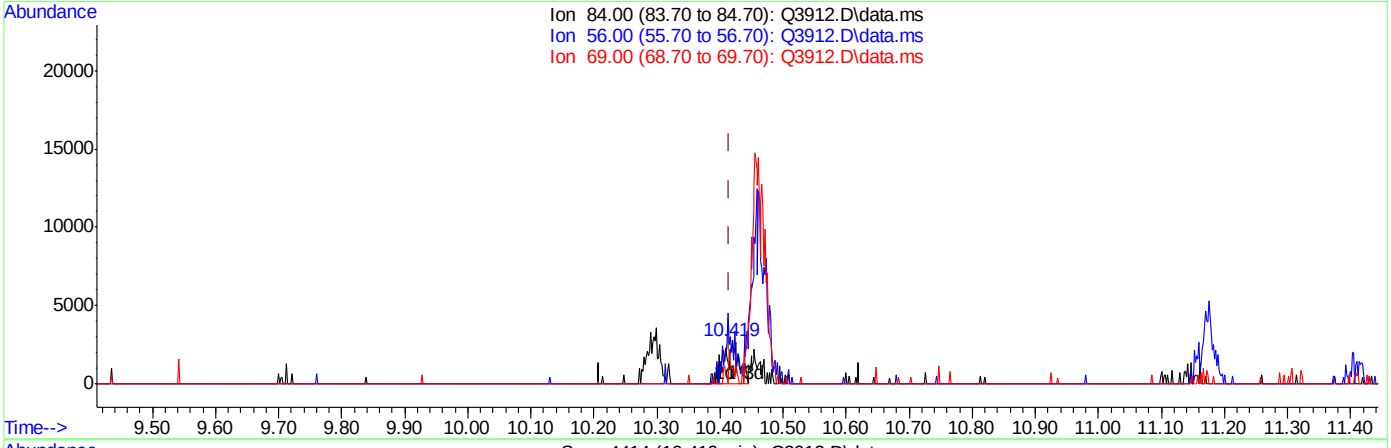
response 2608

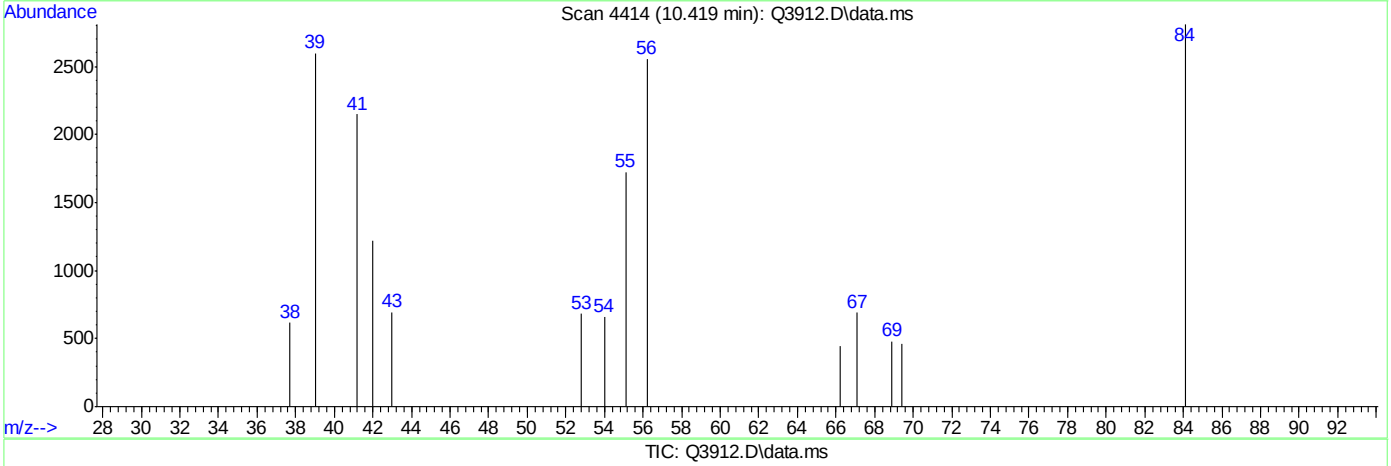
Ion	Exp%	Act%
84.00	100	100
56.00	177.10	162.92
69.00	37.70	38.84
0.00	0.00	0.00

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

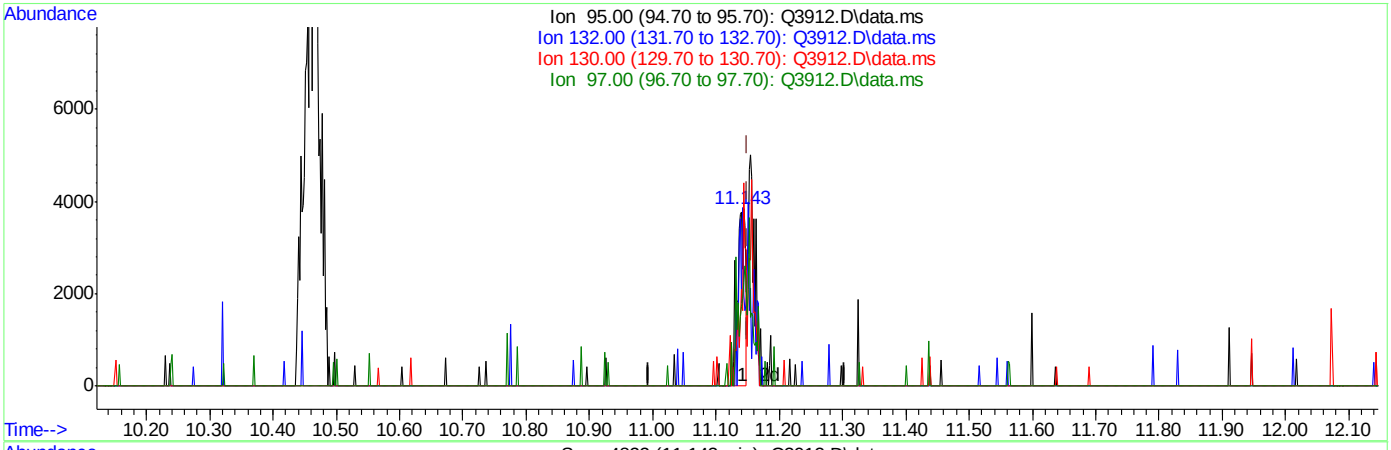
response 4498

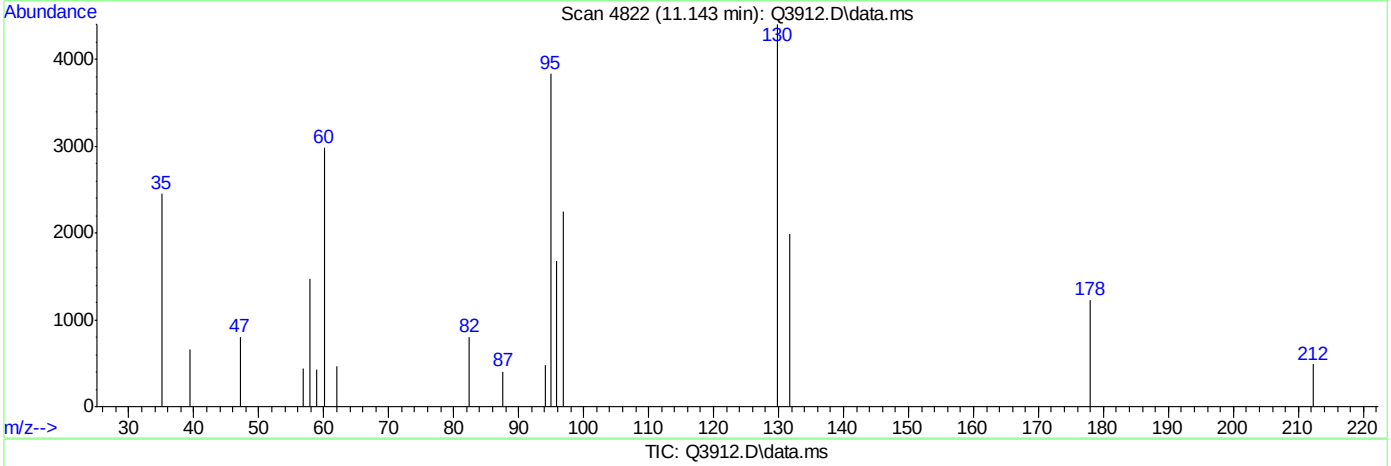
Ion	Exp%	Act%
84.00	100	100
56.00	177.10	94.46#
69.00	37.70	22.52
0.00	0.00	0.00

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

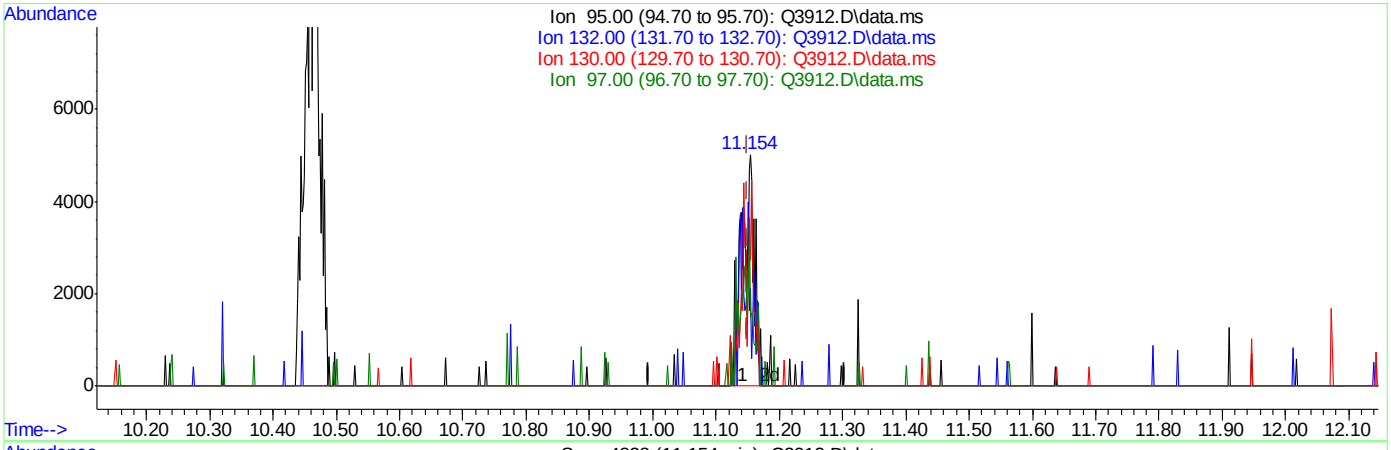
response 3391

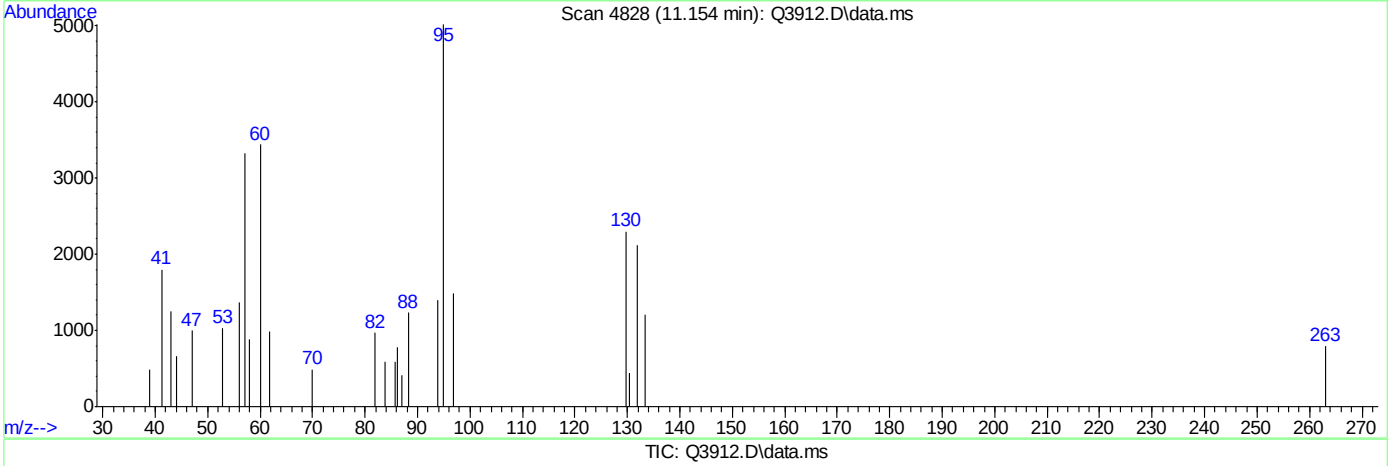
Ion	Exp%	Act%
95.00	100	100
132.00	92.20	66.53#
130.00	90.60	0.00#
97.00	64.20	0.00#

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

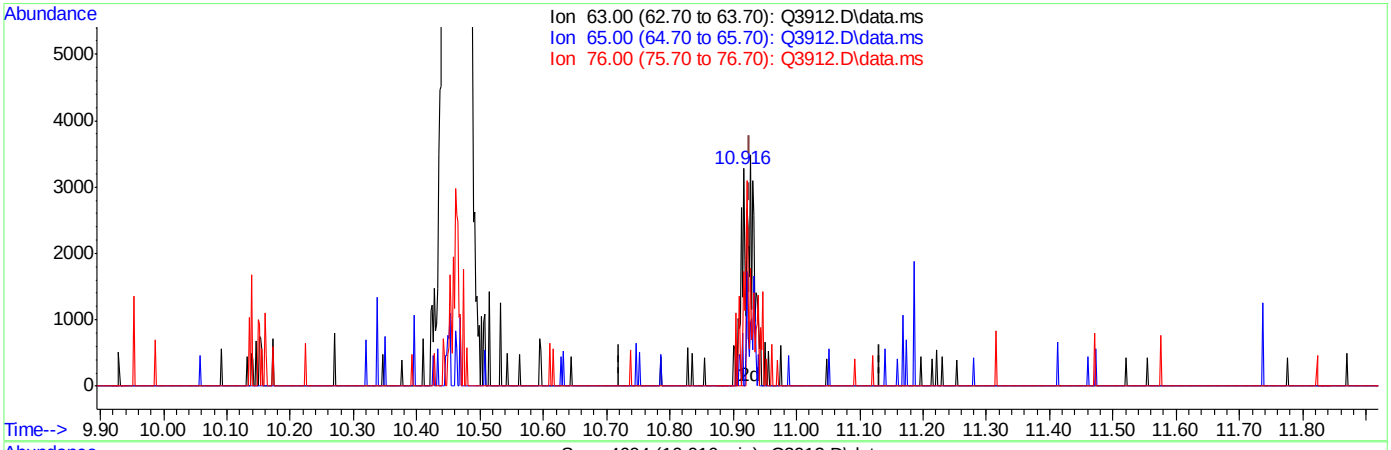
response 7254

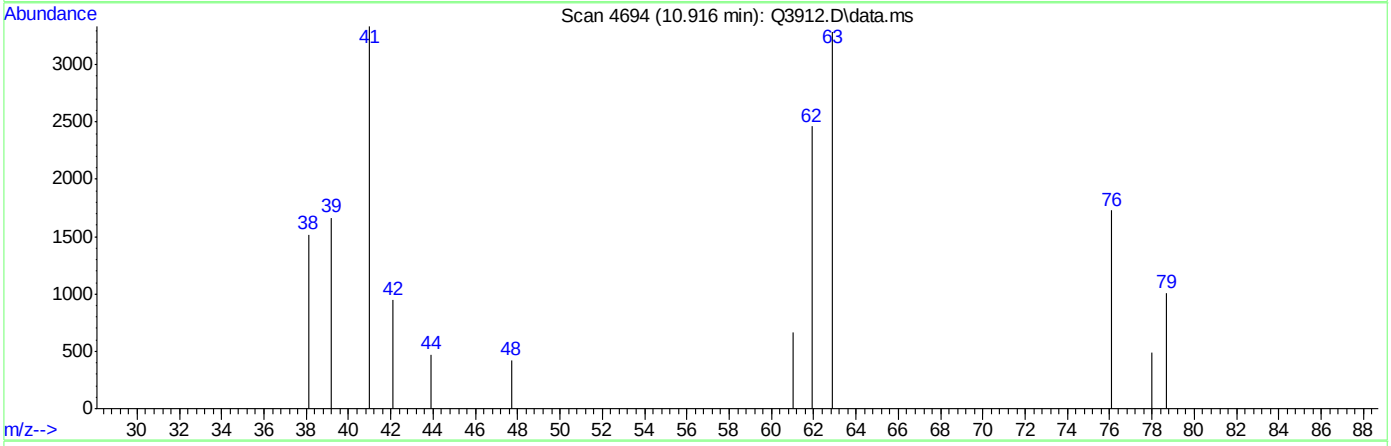
Ion	Exp%	Act%
95.00	100	100
132.00	92.20	31.10#
130.00	90.60	0.00#
97.00	64.20	0.00#

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

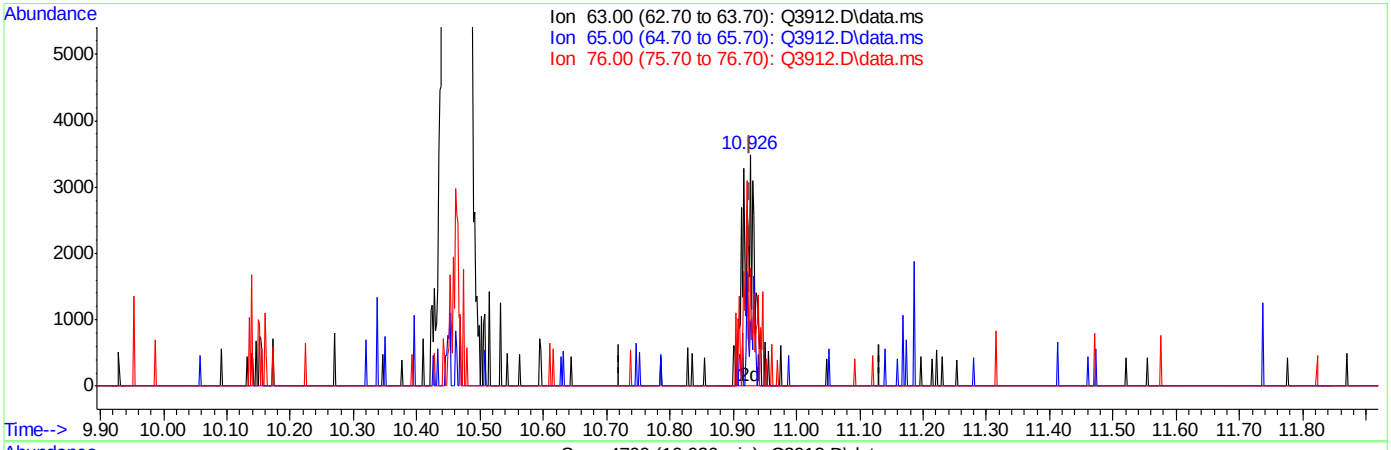
response 1518

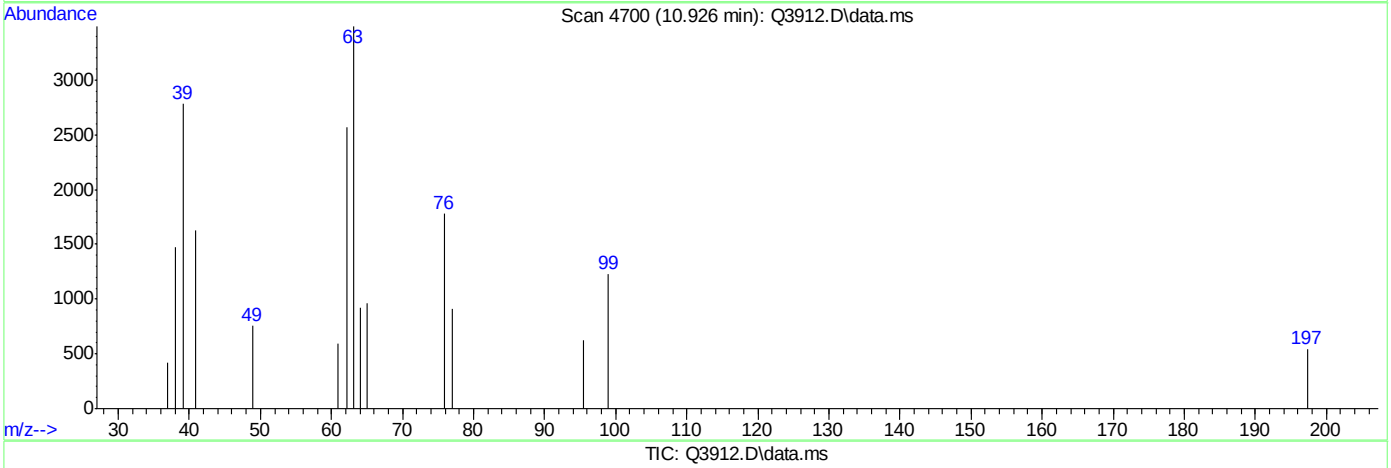
Ion	Exp%	Act%
63.00	100	100
65.00	28.60	68.05#
76.00	41.10	178.85#
0.00	0.00	0.00

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

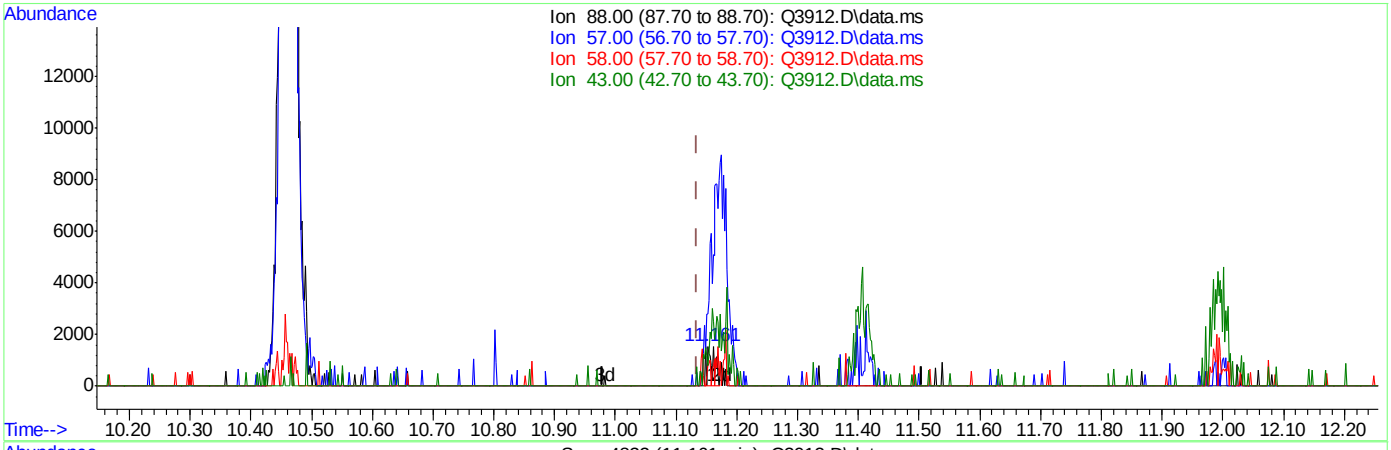
response 4174

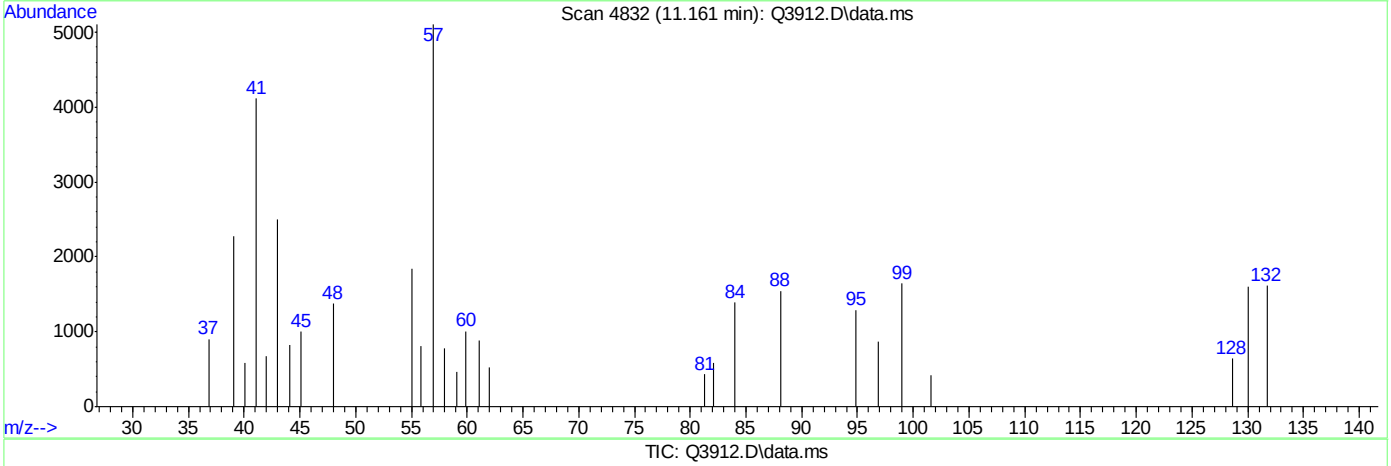
Ion	Exp%	Act%
63.00	100	100
65.00	28.60	24.75
76.00	41.10	65.05#
0.00	0.00	0.00

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

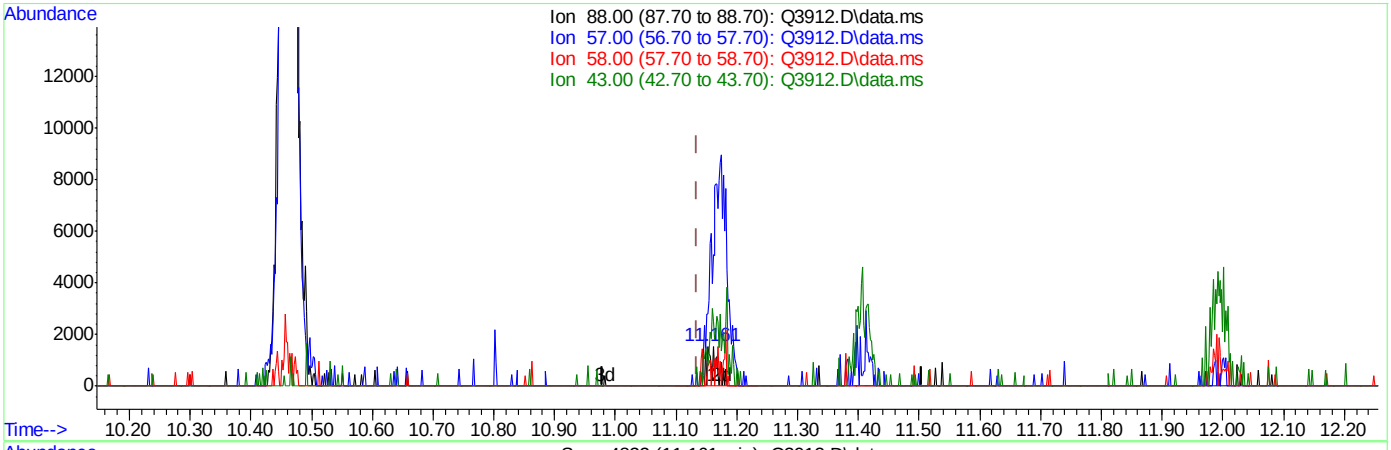
response 1272

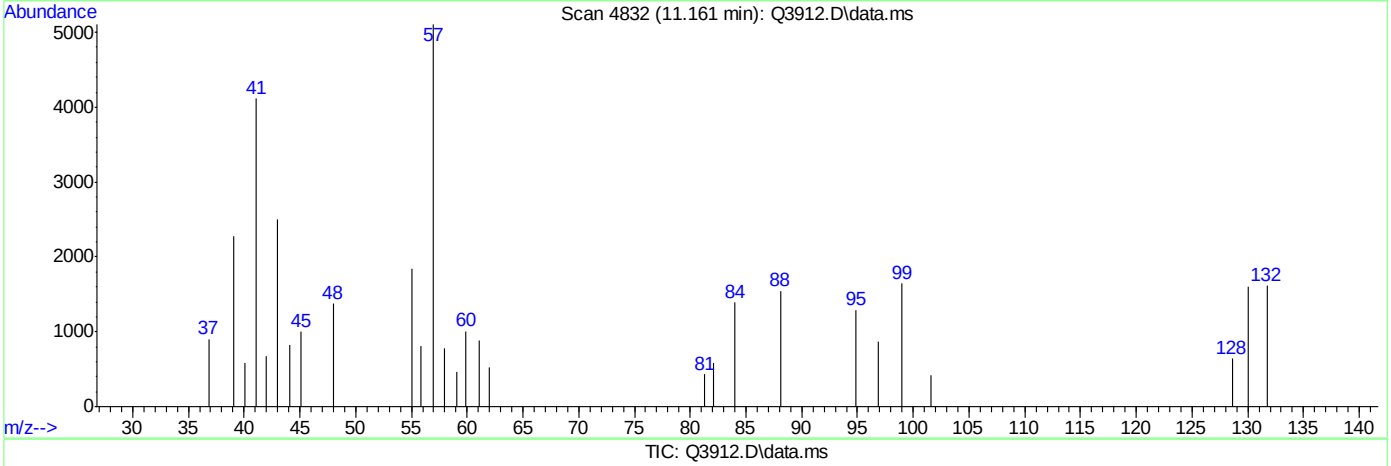
Ion	Exp%	Act%
88.00	100	100
57.00	45.40	330.06#
58.00	84.10	50.55#
43.00	40.20	162.12#

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

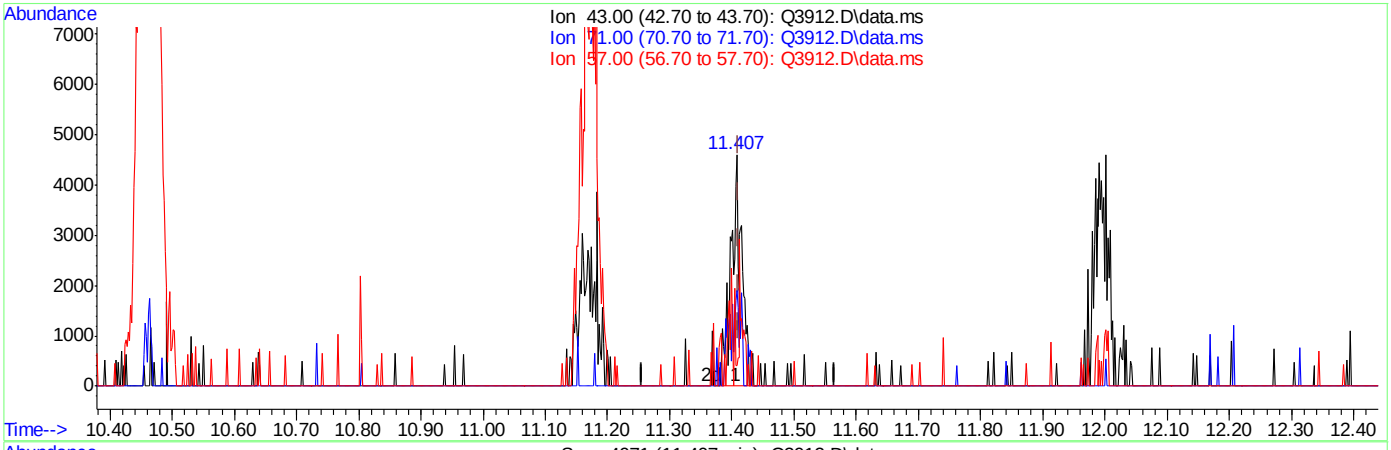
response 1576

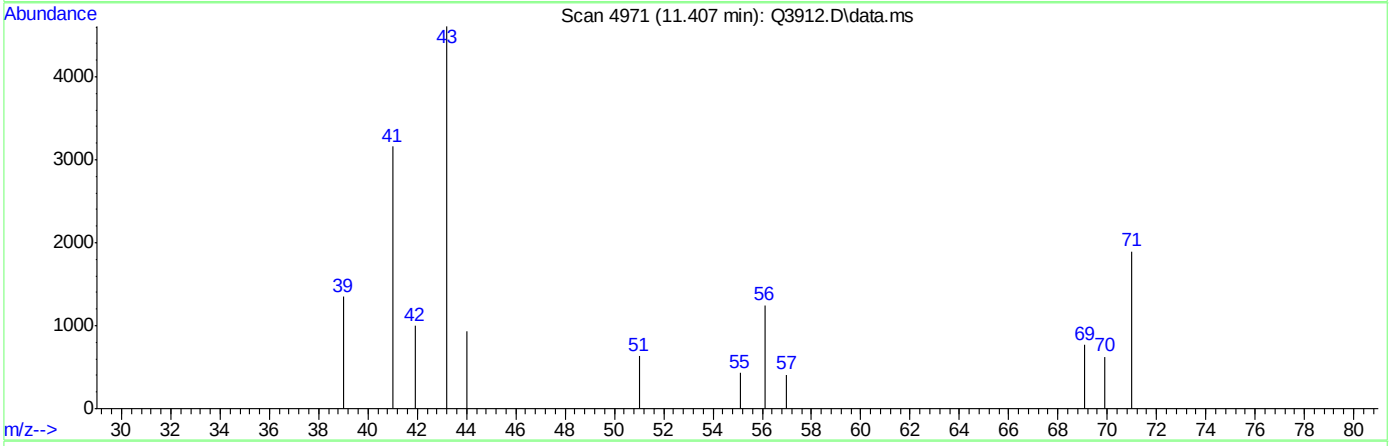
Ion	Exp%	Act%
88.00	100	100
57.00	45.40	330.06#
58.00	84.10	50.55#
43.00	40.20	162.12#

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

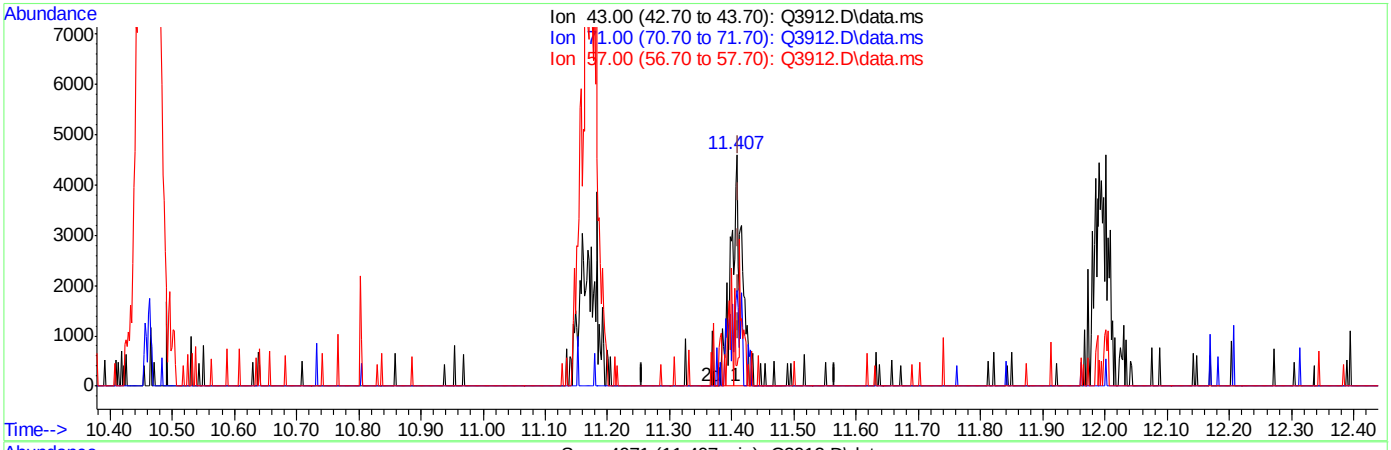
response 5707

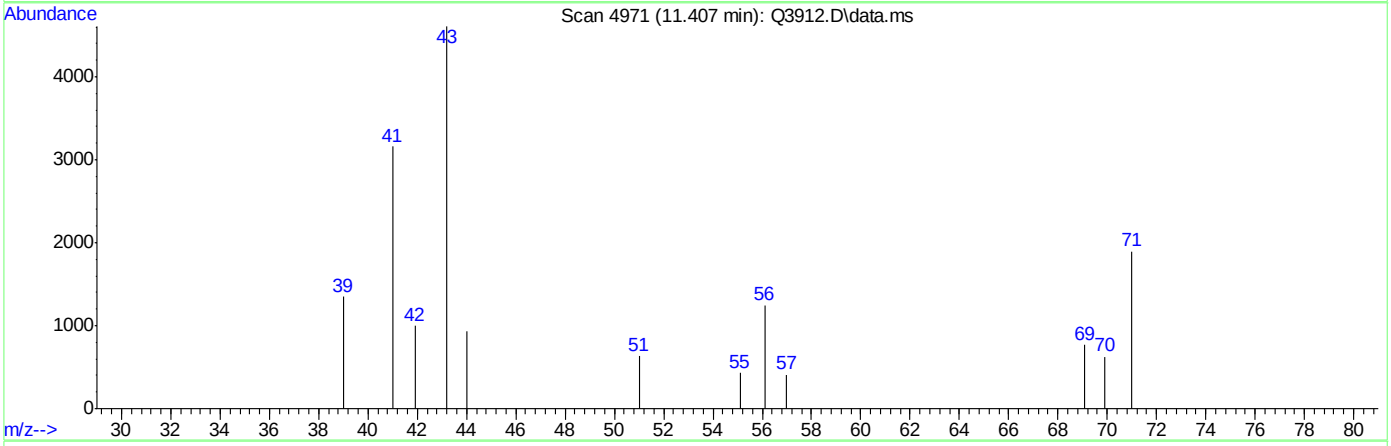
Ion	Exp%	Act%
43.00	100	100
71.00	40.90	42.44
57.00	54.60	18.56#
0.00	0.00	0.00

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

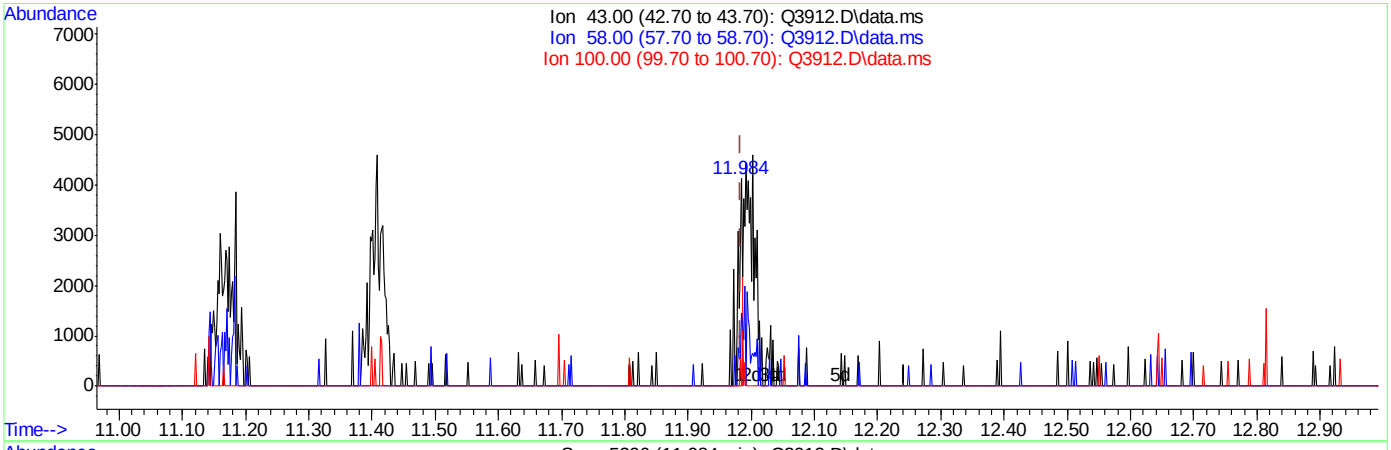
response 5975

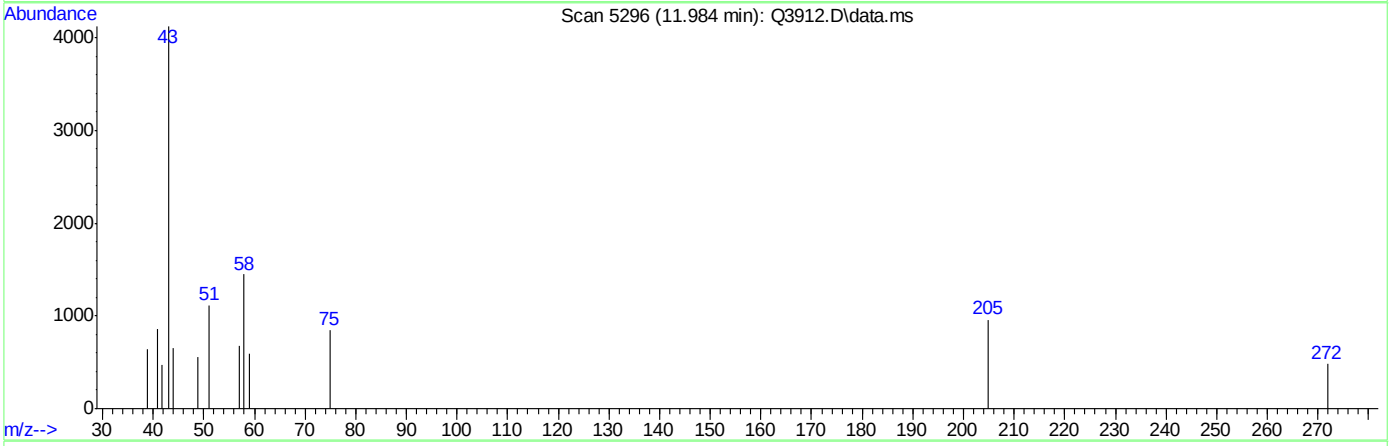
Ion	Exp%	Act%
43.00	100	100
71.00	40.90	40.54
57.00	54.60	17.72#
0.00	0.00	0.00

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

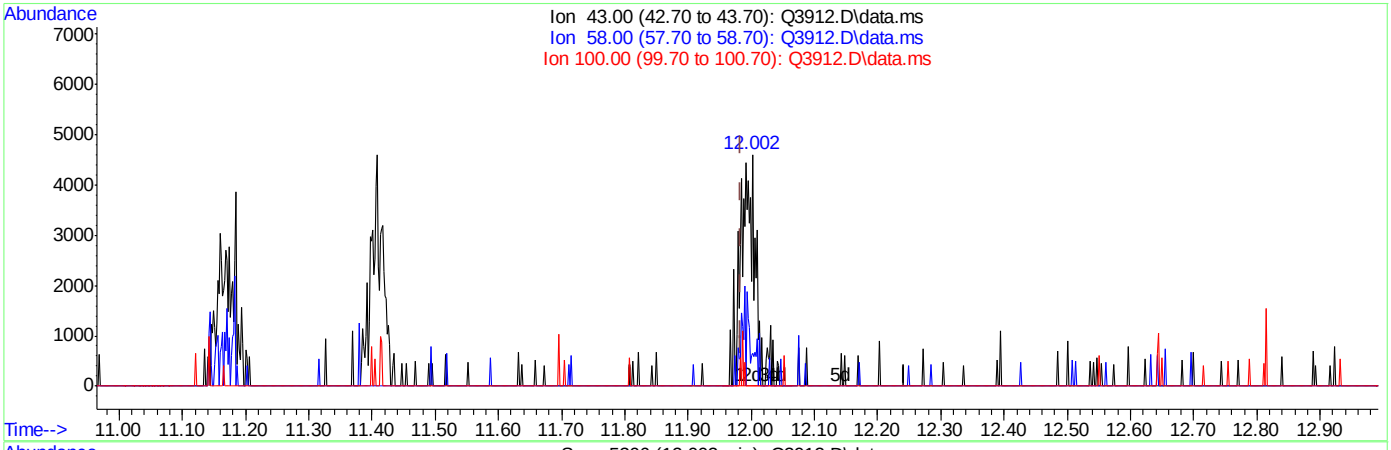
response 1999

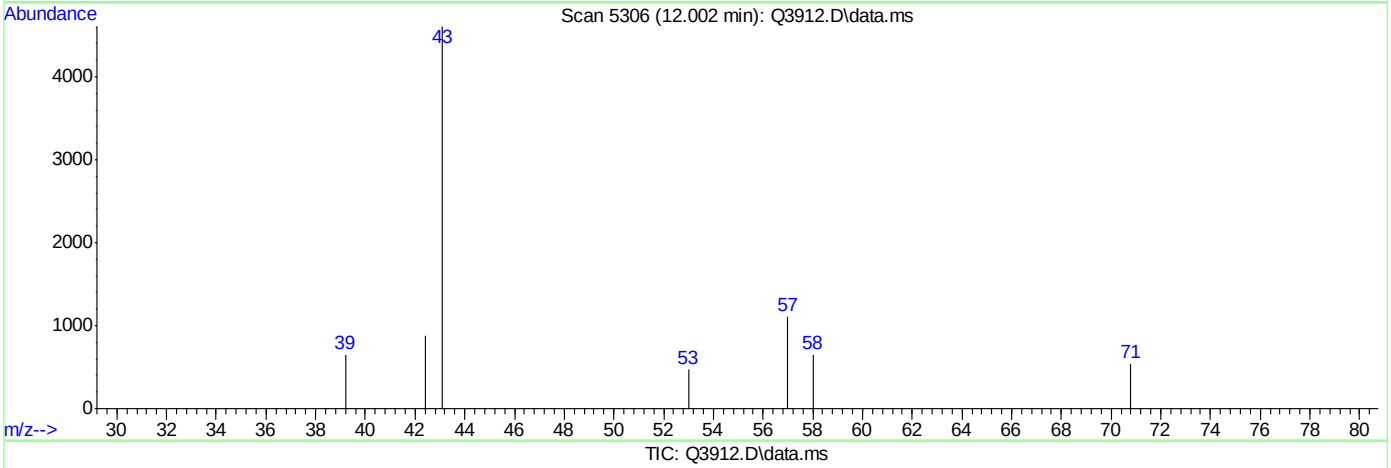
Ion	Exp%	Act%
43.00	100	100
58.00	39.30	95.75#
100.00	8.70	11.36
0.00	0.00	0.00

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

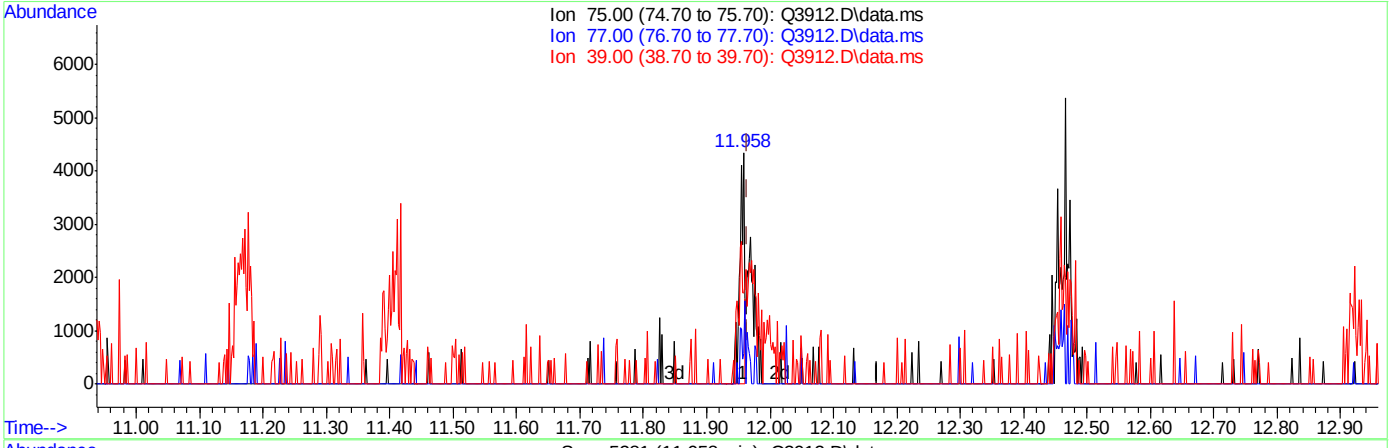
response 7449

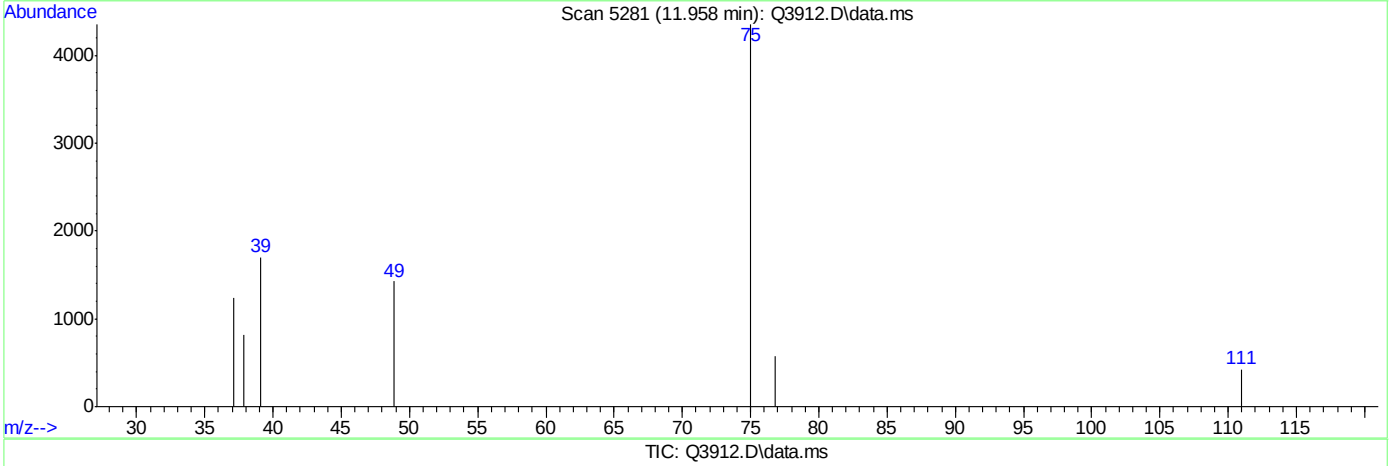
Ion	Exp%	Act%
43.00	100	100
58.00	39.30	25.69
100.00	8.70	3.05
0.00	0.00	0.00

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

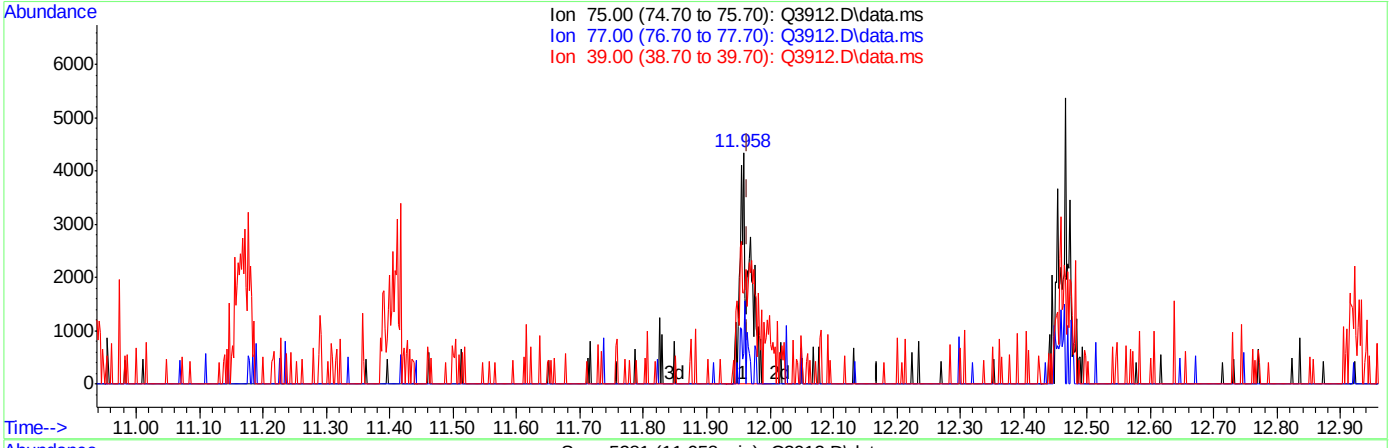
response 2130

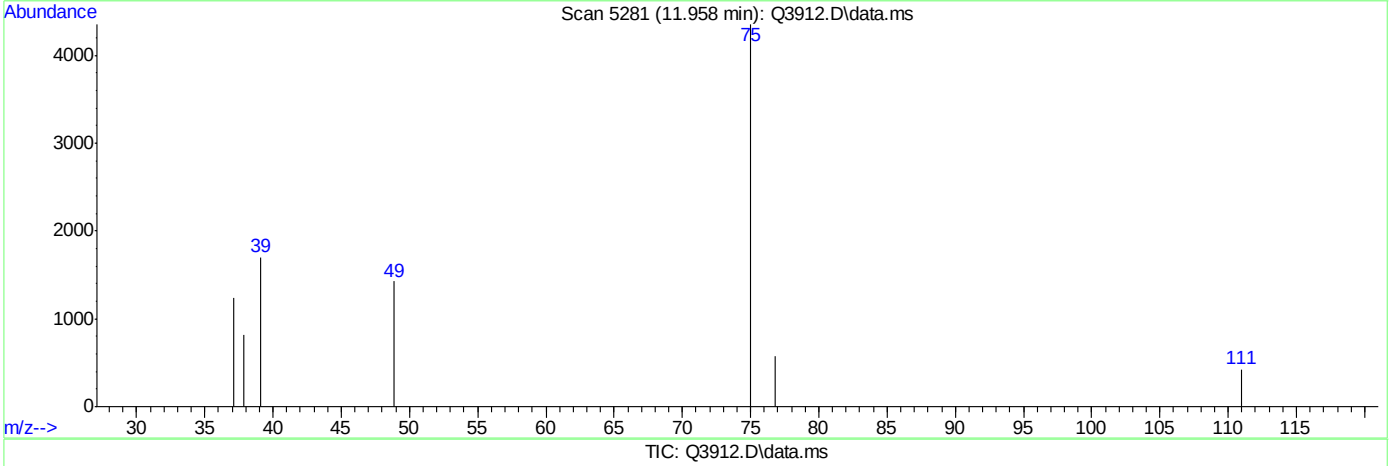
Ion	Exp%	Act%
75.00	100	100
77.00	31.60	39.11
39.00	87.50	99.34
0.00	0.00	0.00

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

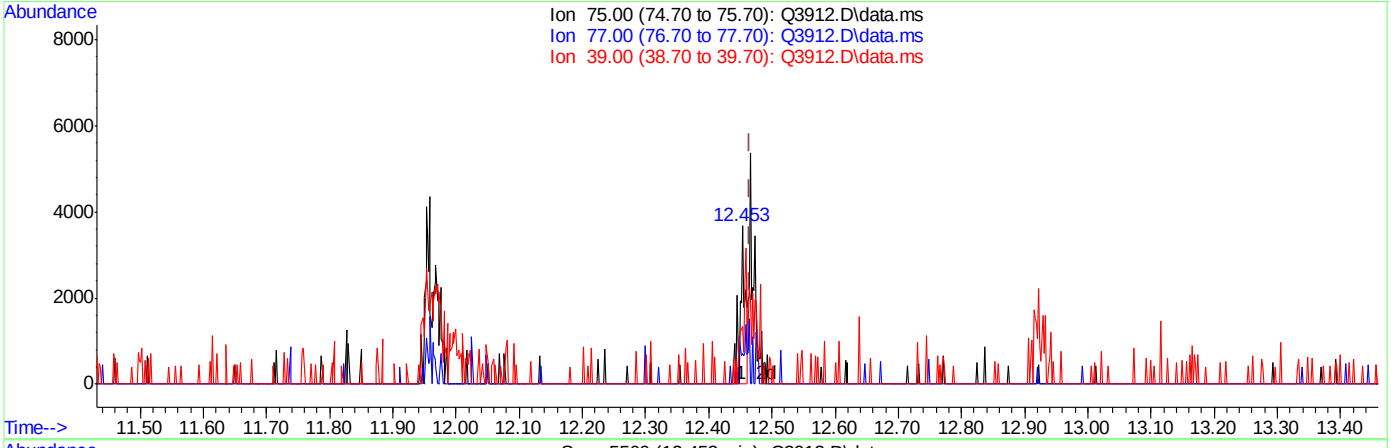
response 4416

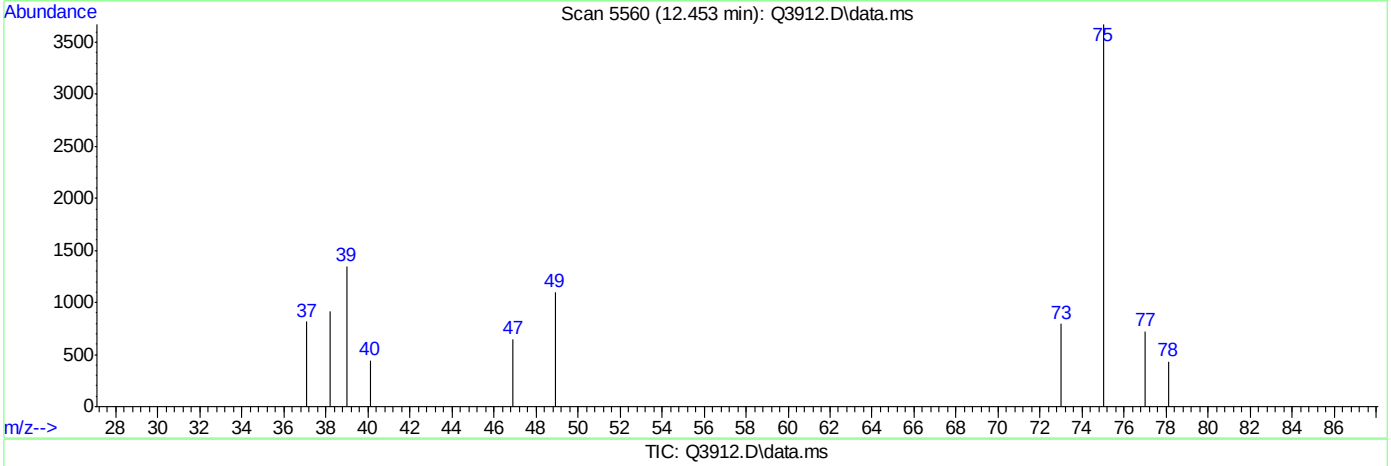
Ion	Exp%	Act%
75.00	100	100
77.00	31.60	18.86
39.00	87.50	47.92#
0.00	0.00	0.00

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

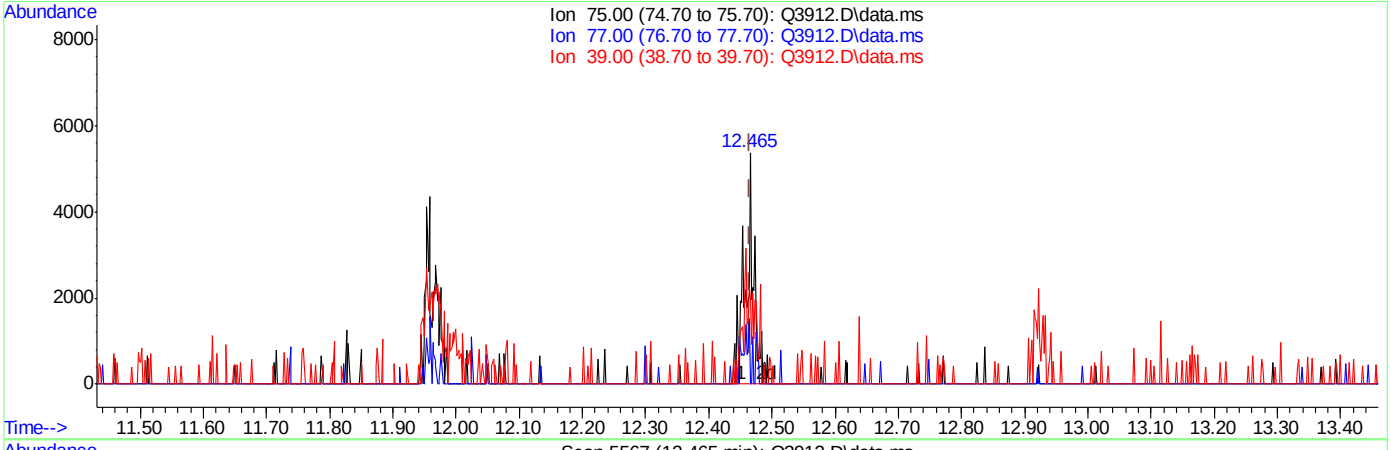
response 2081

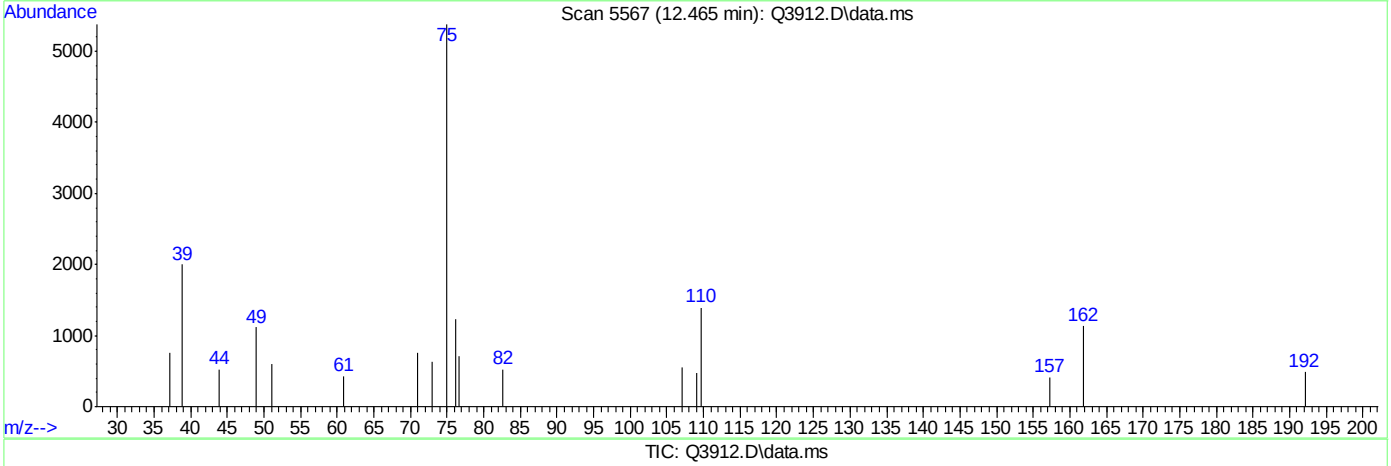
Ion	Exp%	Act%
75.00	100	100
77.00	31.60	52.62#
39.00	60.50	122.59#
0.00	0.00	0.00

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

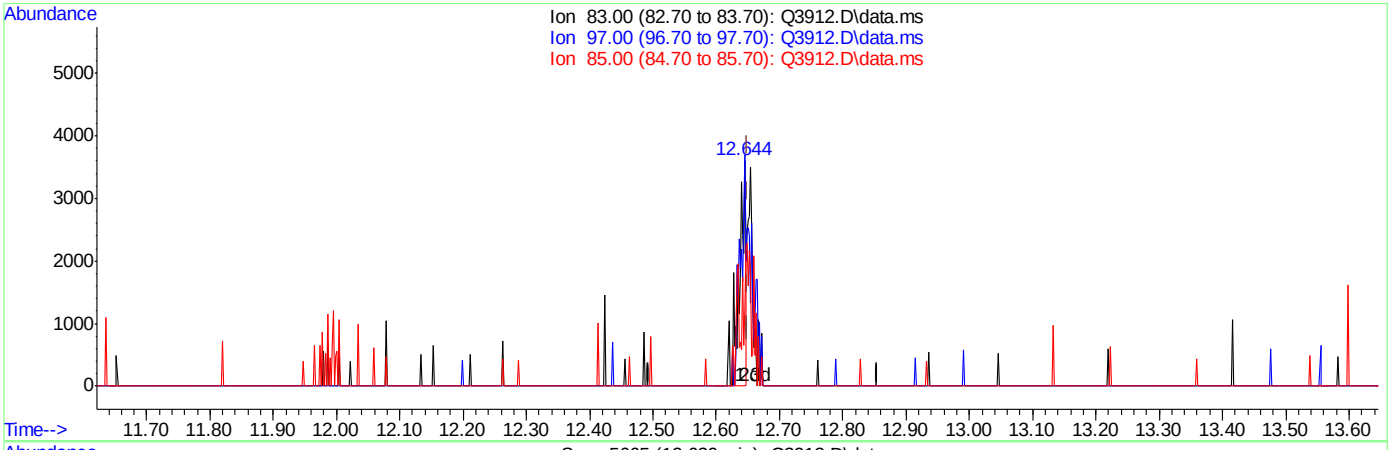
response 4884

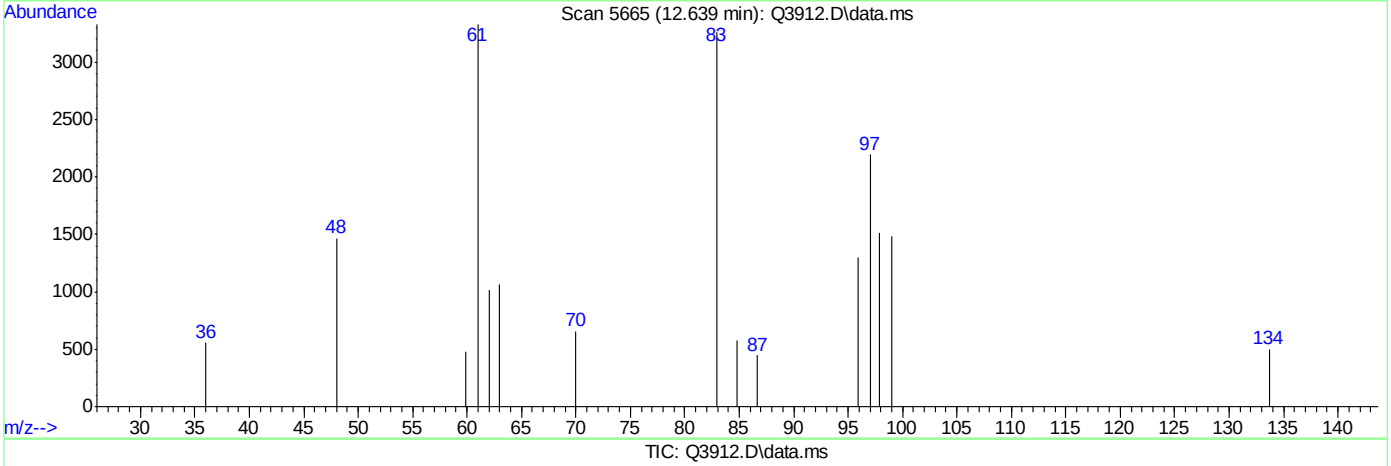
Ion	Exp%	Act%
75.00	100	100
77.00	31.60	22.42
39.00	60.50	52.23
0.00	0.00	0.00

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

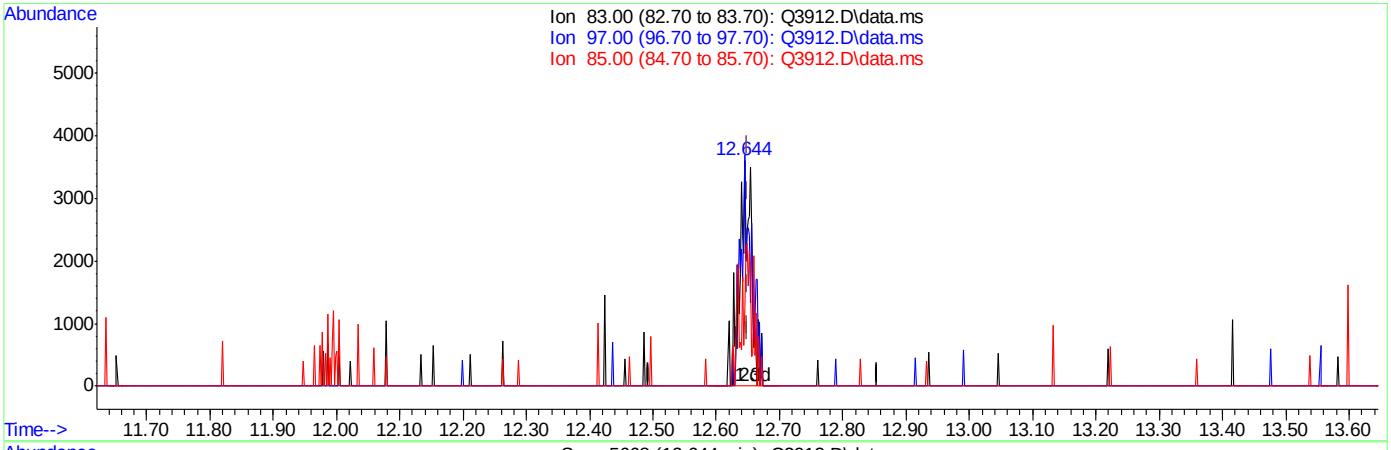
response 2381

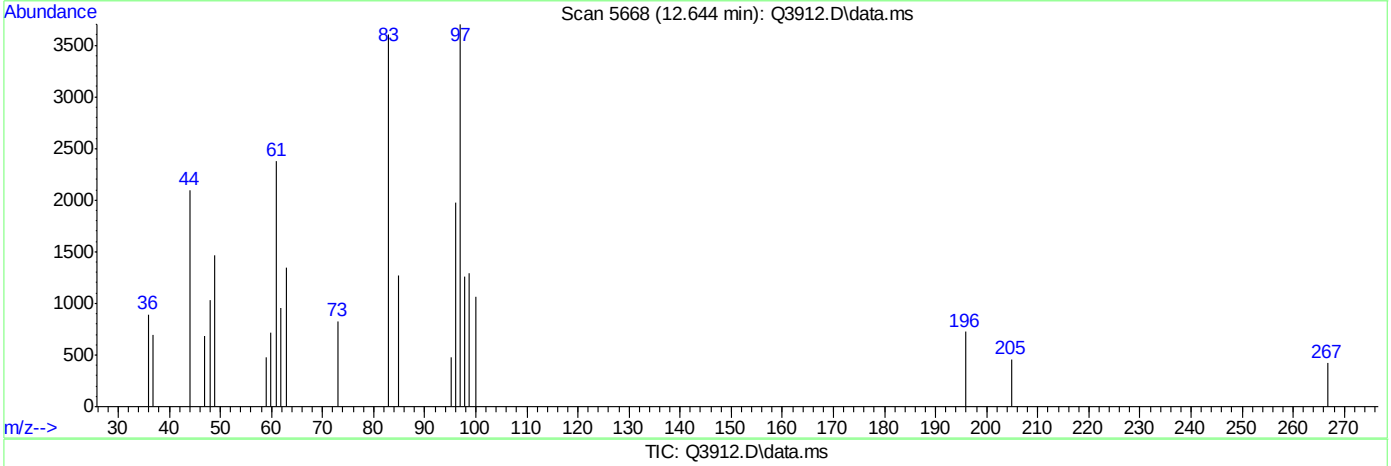
Ion	Exp%	Act%
83.00	100	100
97.00	113.20	158.80#
85.00	64.40	86.27#
0.00	0.00	0.00

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

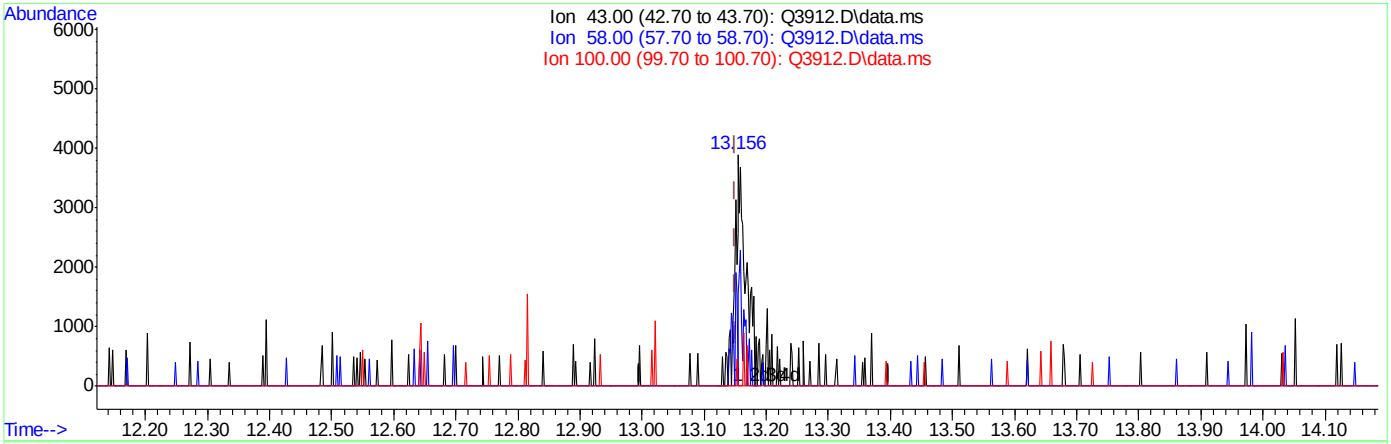
response 4595

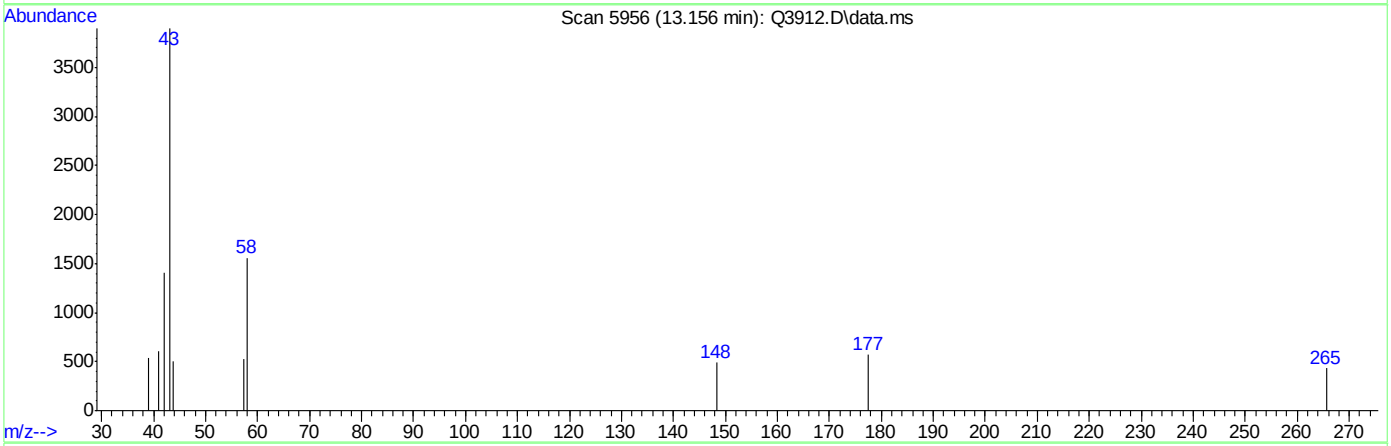
Ion	Exp%	Act%
83.00	100	100
97.00	113.20	82.29#
85.00	64.40	44.70
0.00	0.00	0.00

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

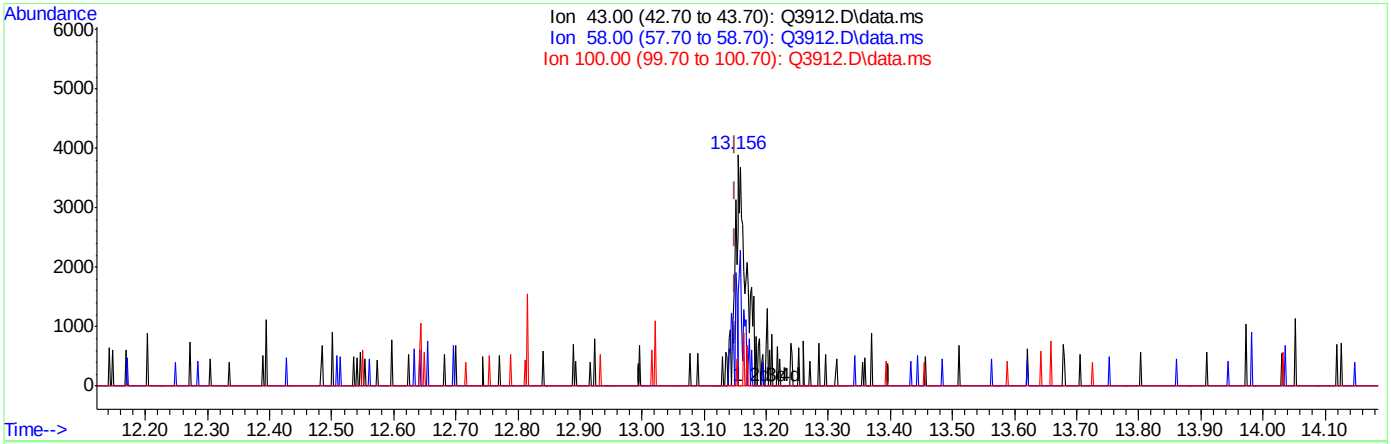
response 5095

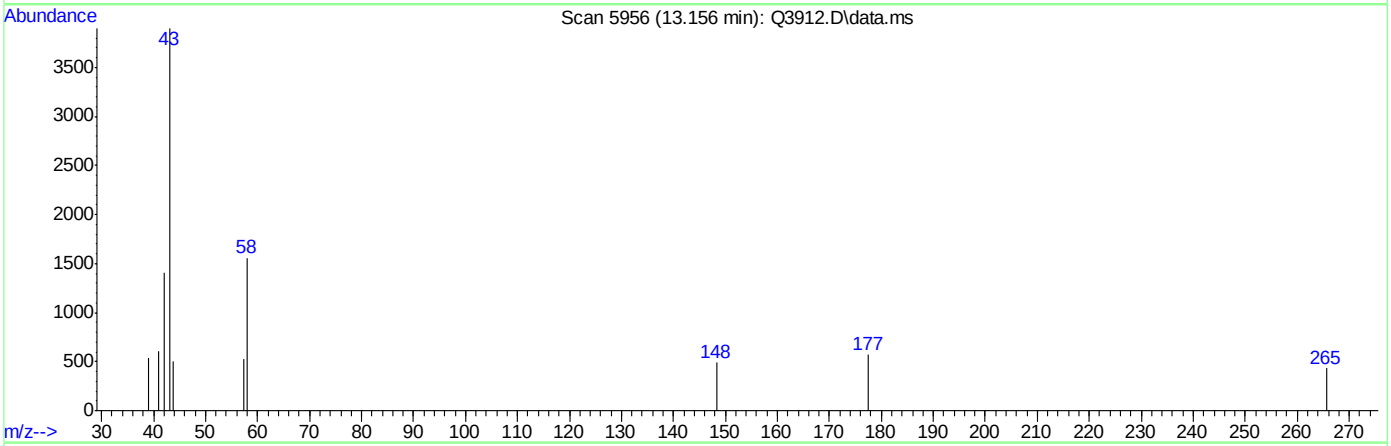
Ion	Exp%	Act%
43.00	100	100
58.00	52.00	26.03#
100.00	6.20	3.32
0.00	0.00	0.00

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

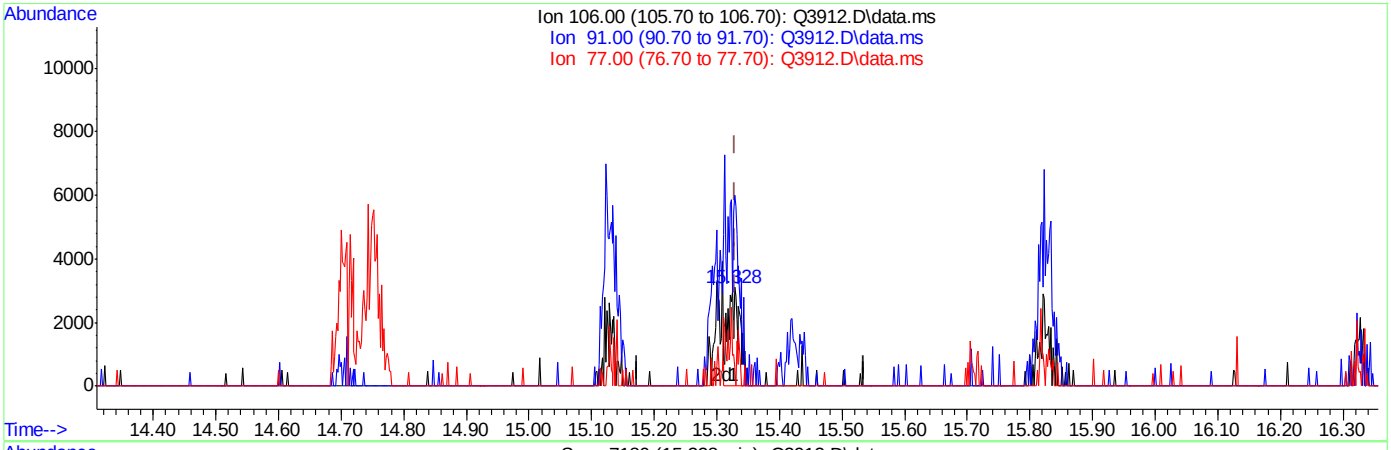
response 6357

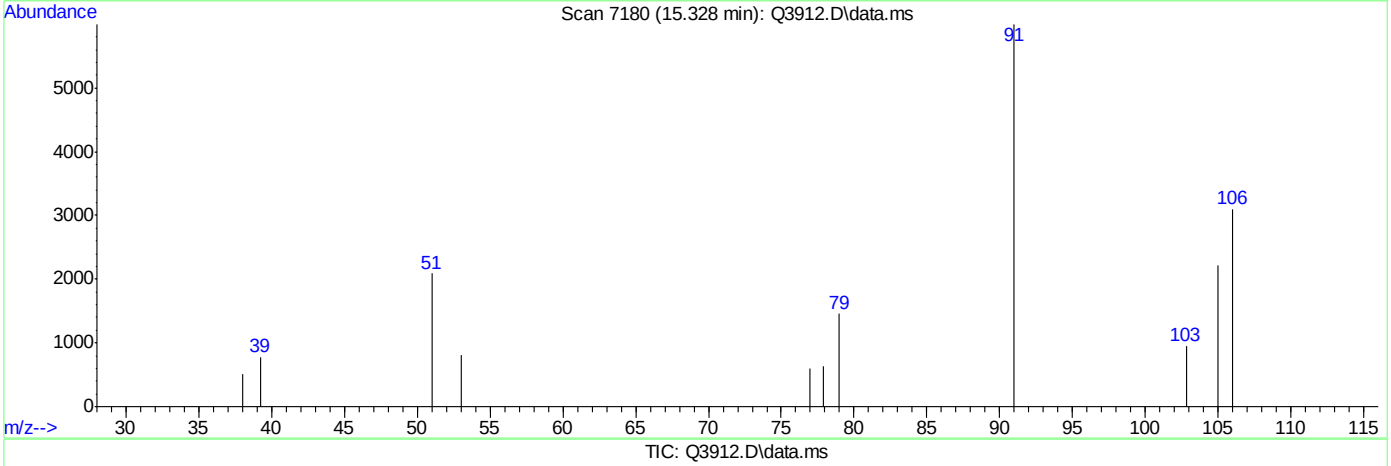
Ion	Exp%	Act%
43.00	100	100
58.00	52.00	20.86#
100.00	6.20	2.66
0.00	0.00	0.00

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

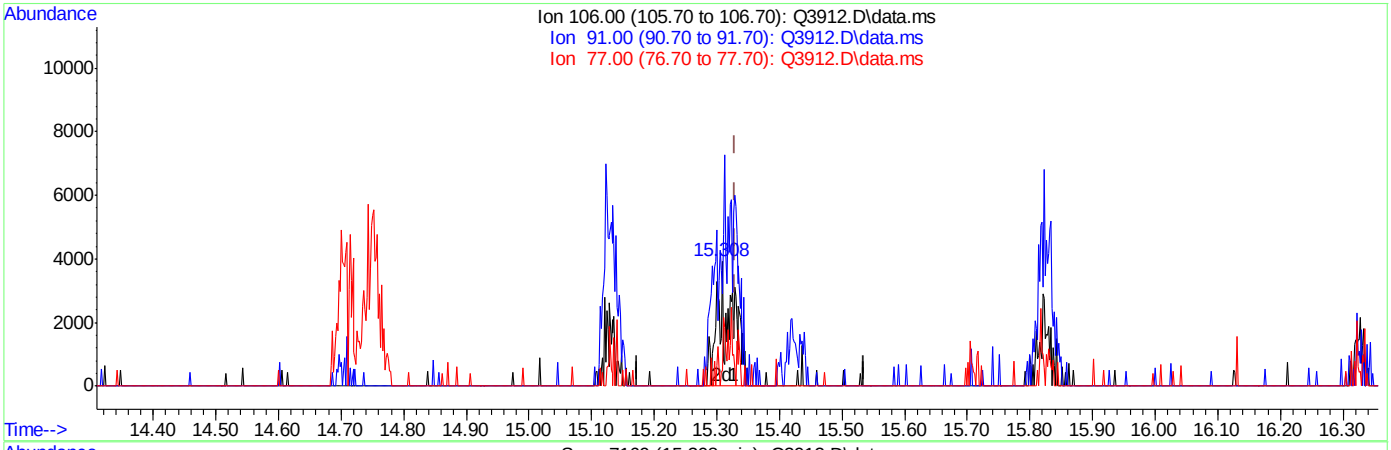
response 4111

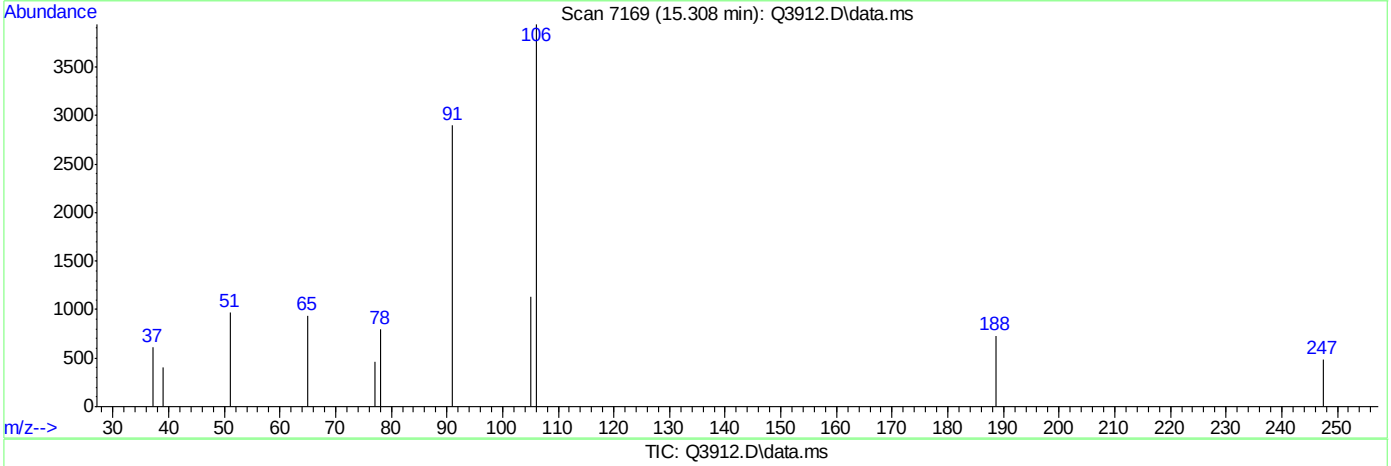
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	193.17
77.00	27.30	19.01#
0.00	0.00	0.00

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

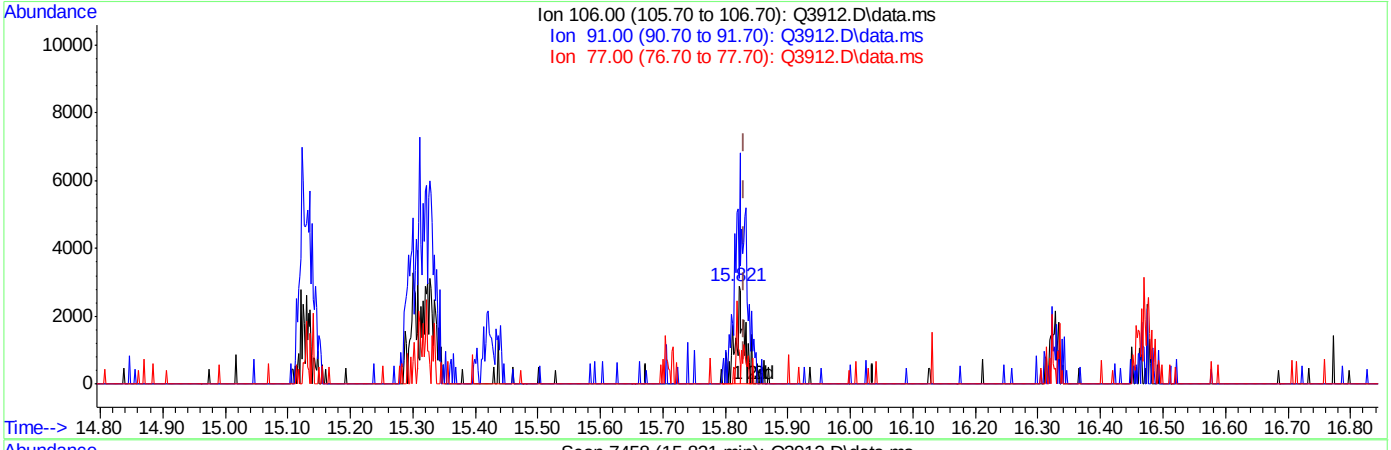
response 6857

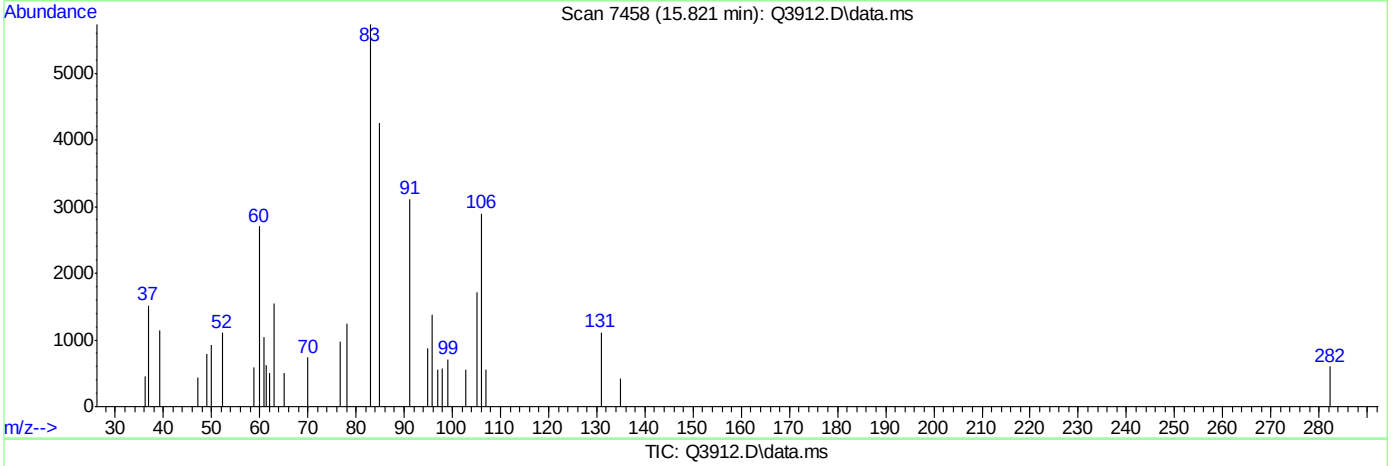
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	73.71#
77.00	27.30	11.62#
0.00	0.00	0.00

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

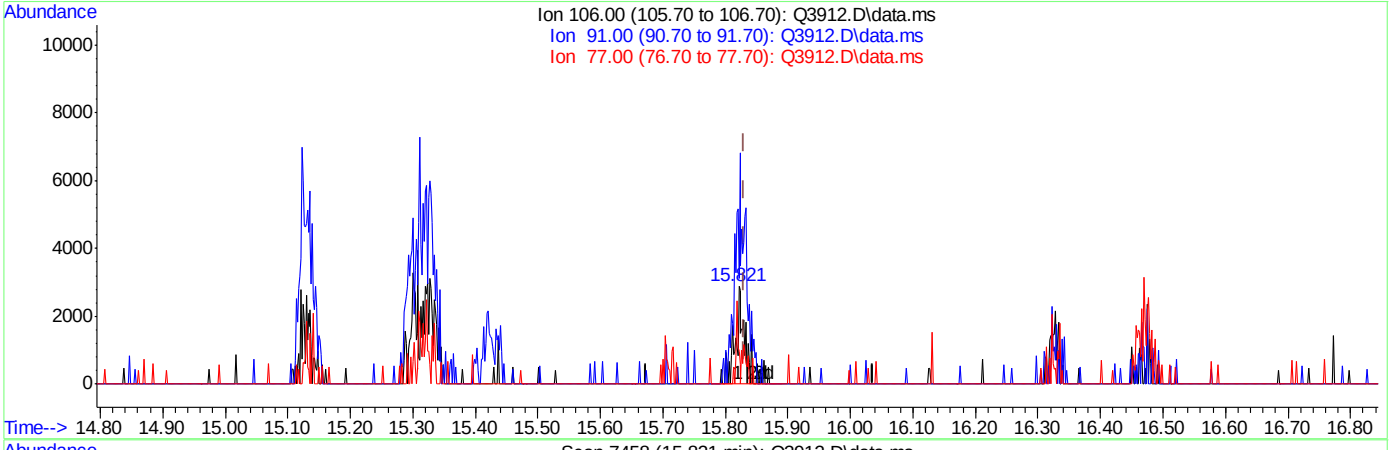
response 3005

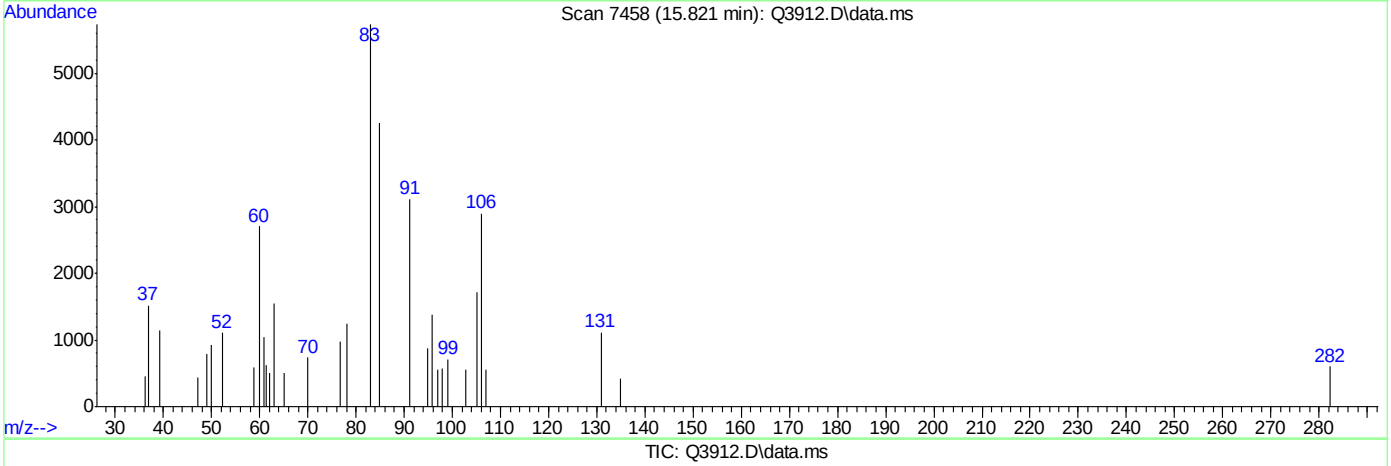
Ion	Exp%	Act%
106.00	100	100
91.00	216.20	278.57#
77.00	27.80	22.76
0.00	0.00	0.00

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

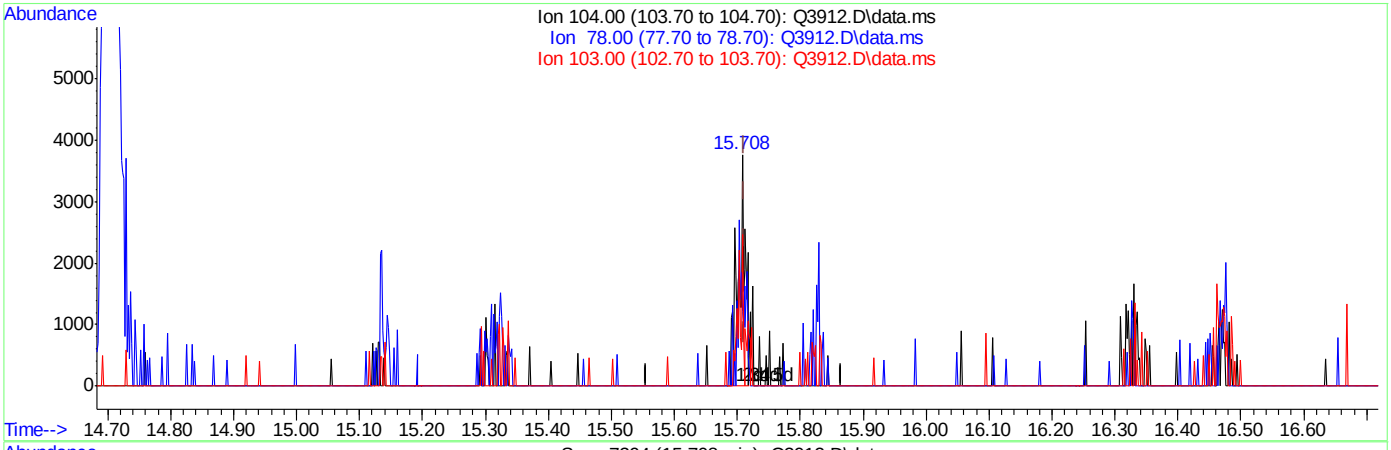
response 3293

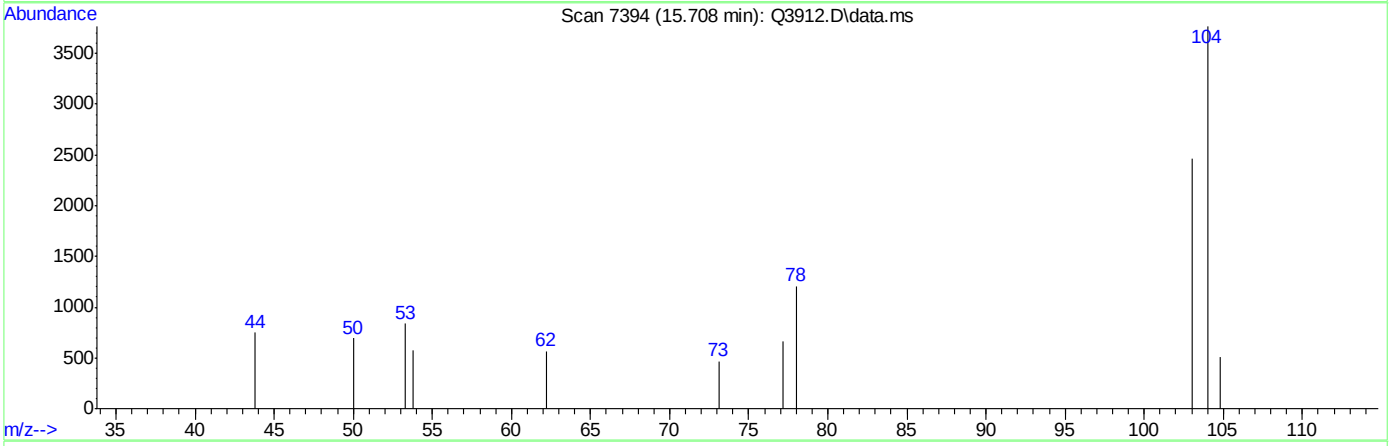
Ion	Exp%	Act%
106.00	100	100
91.00	216.20	254.21#
77.00	27.80	20.77
0.00	0.00	0.00

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

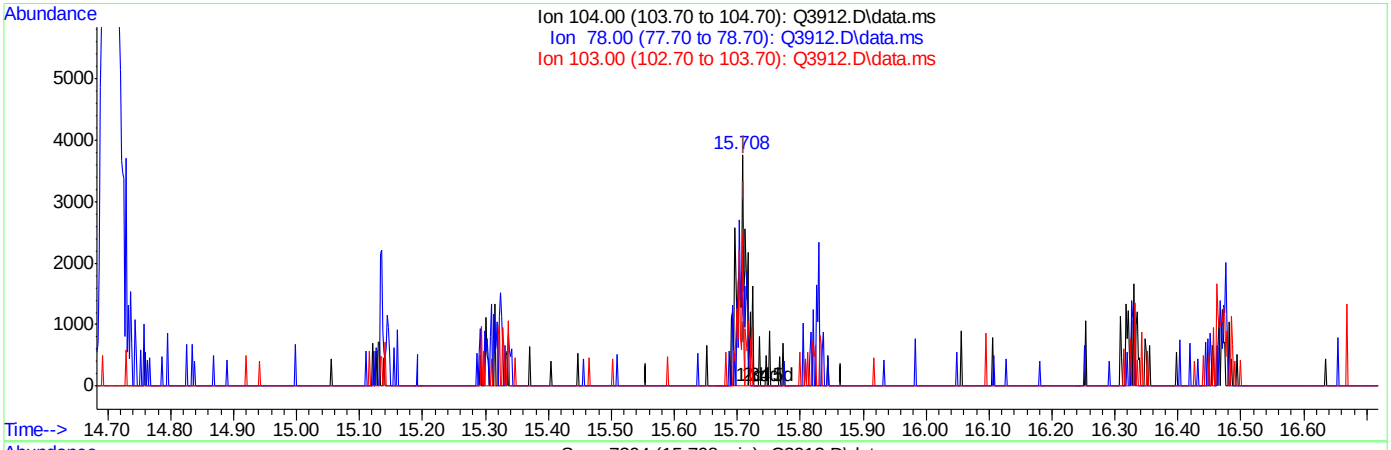
response 2947

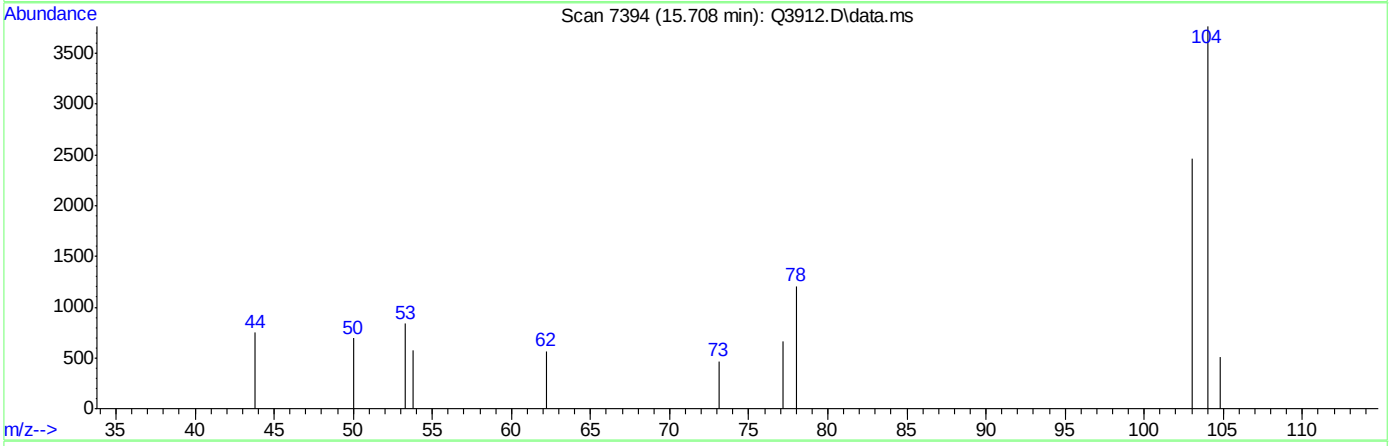
Ion	Exp%	Act%
104.00	100	100
78.00	48.20	56.40
103.00	45.90	43.81
0.00	0.00	0.00

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

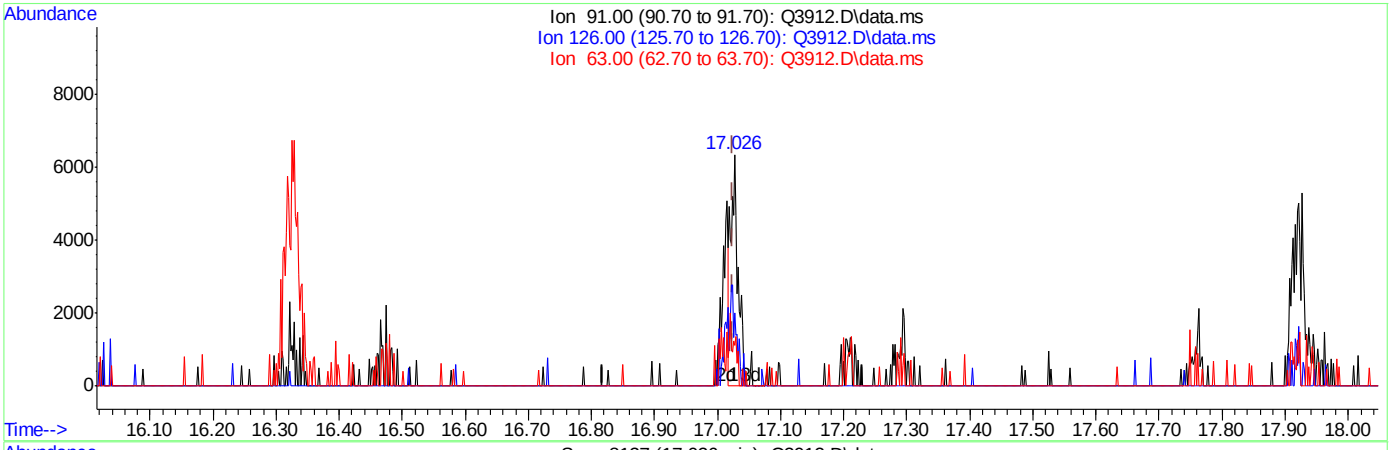
response 3718

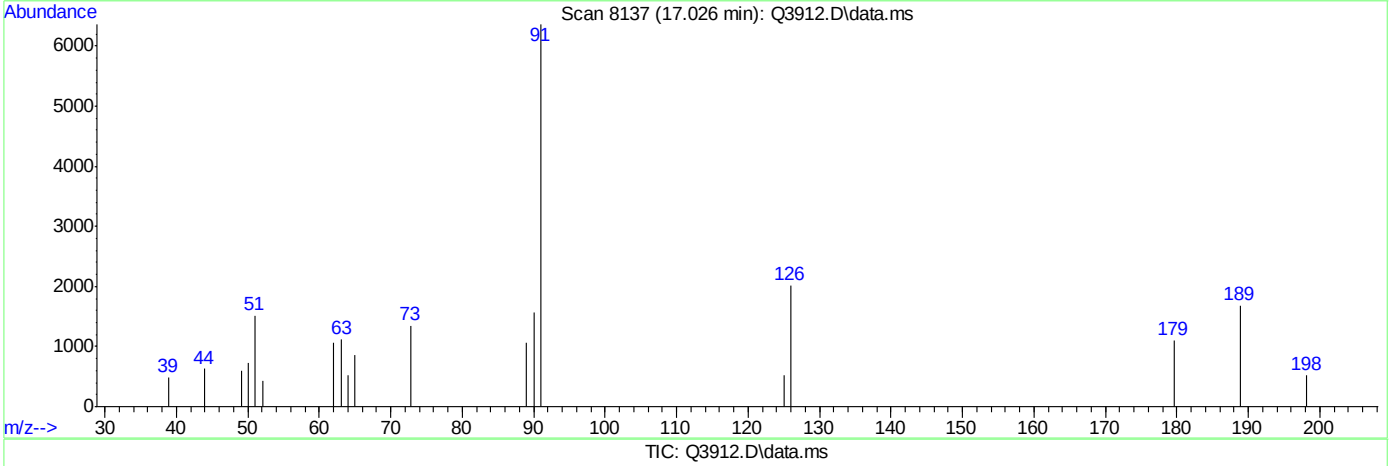
Ion	Exp%	Act%
104.00	100	100
78.00	48.20	44.70
103.00	45.90	34.72
0.00	0.00	0.00

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

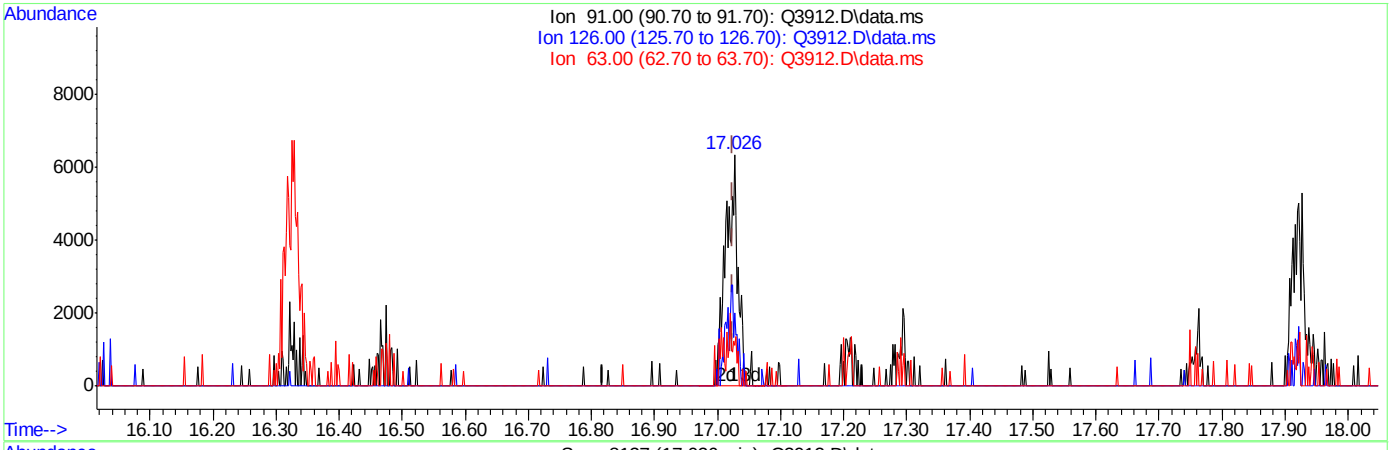
response 5181

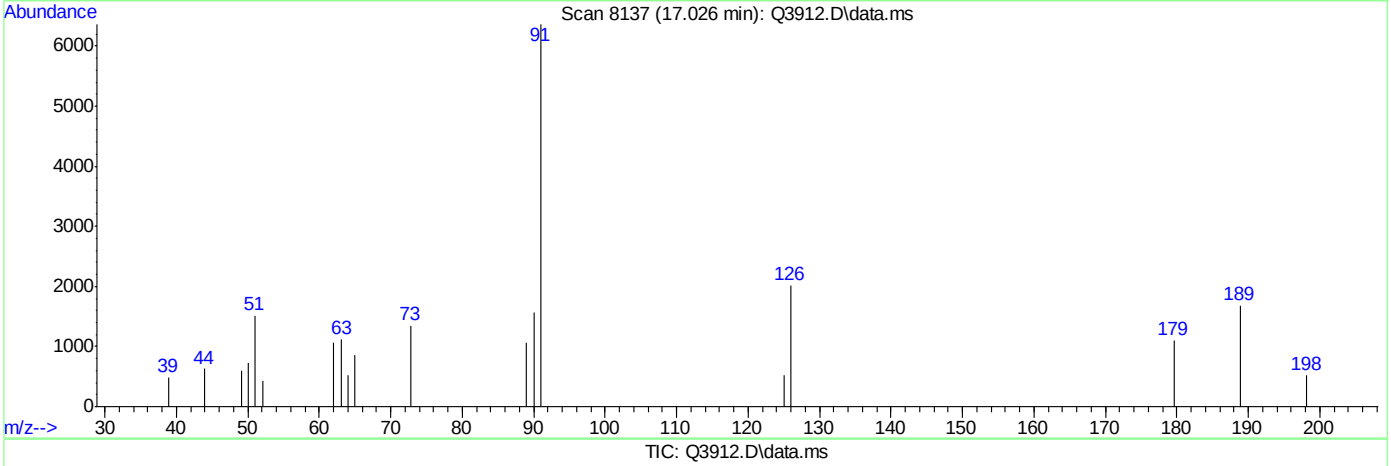
Ion	Exp%	Act%
91.00	100	100
126.00	33.10	54.53#
63.00	17.60	25.92
0.00	0.00	0.00

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

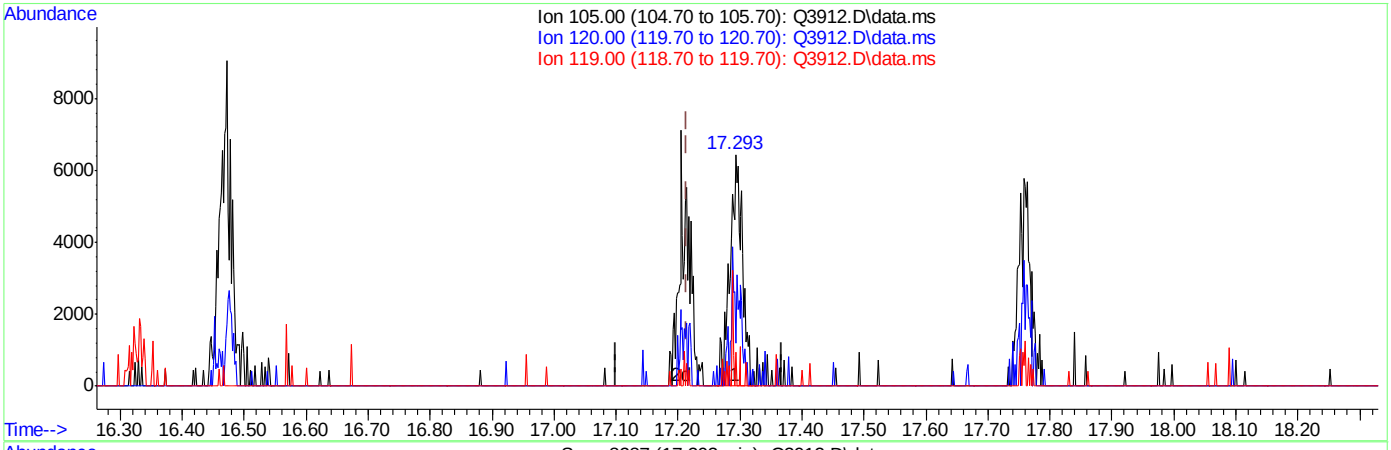
response 8718

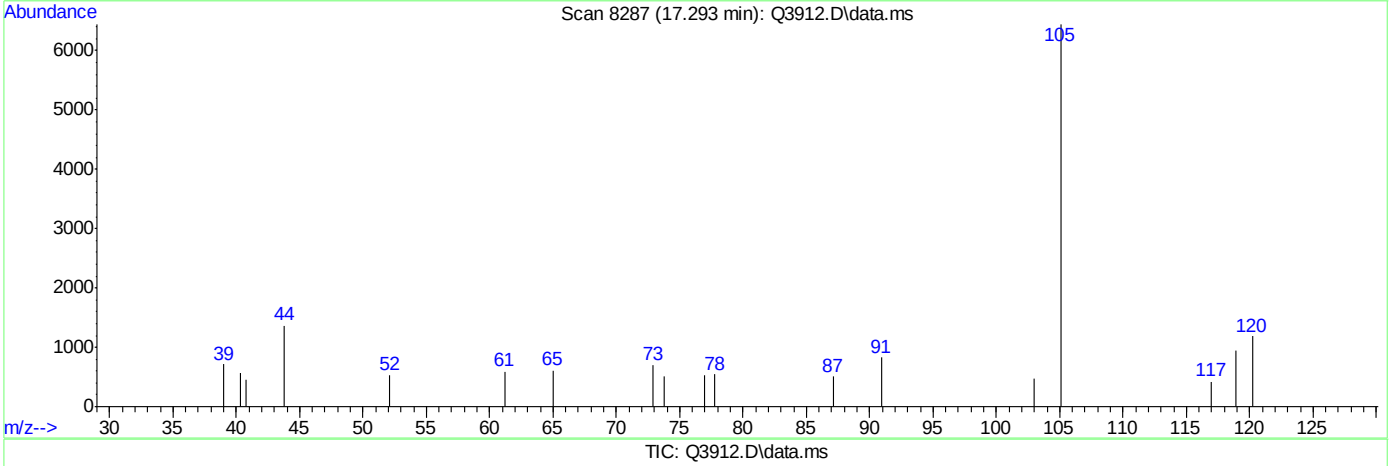
Ion	Exp%	Act%
91.00	100	100
126.00	33.10	32.40
63.00	17.60	15.40
0.00	0.00	0.00

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

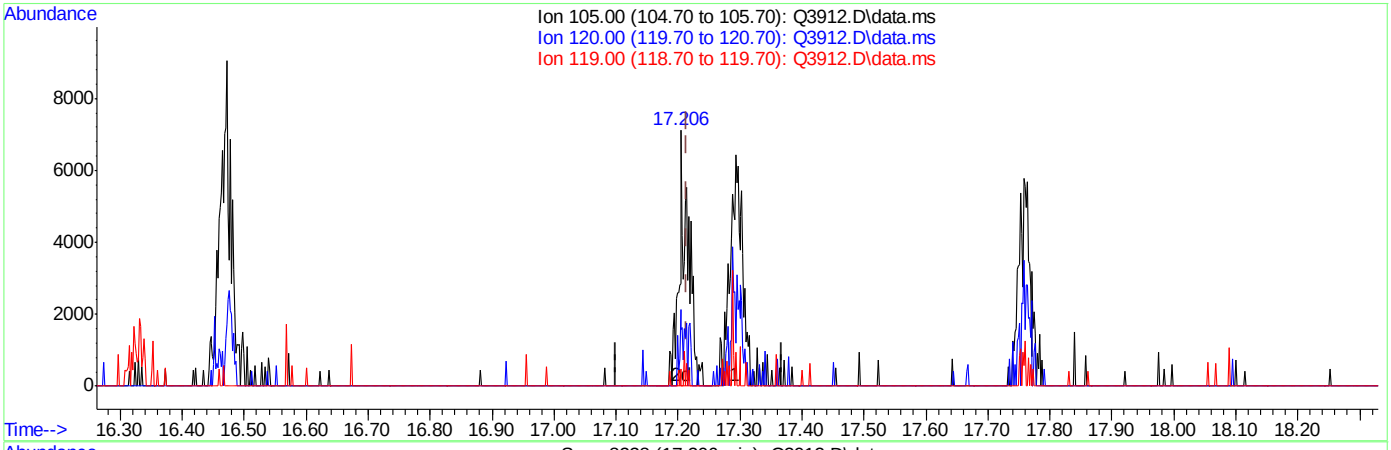
response 9316

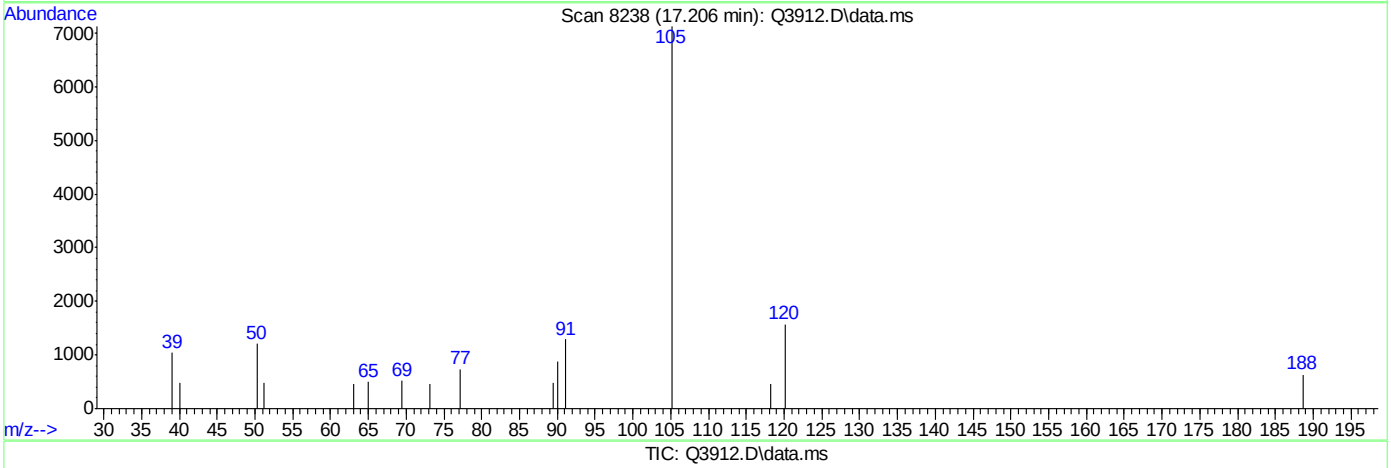
Ion	Exp%	Act%
105.00	100	100
120.00	29.20	41.14
119.00	2.10	6.38
0.00	0.00	0.00

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

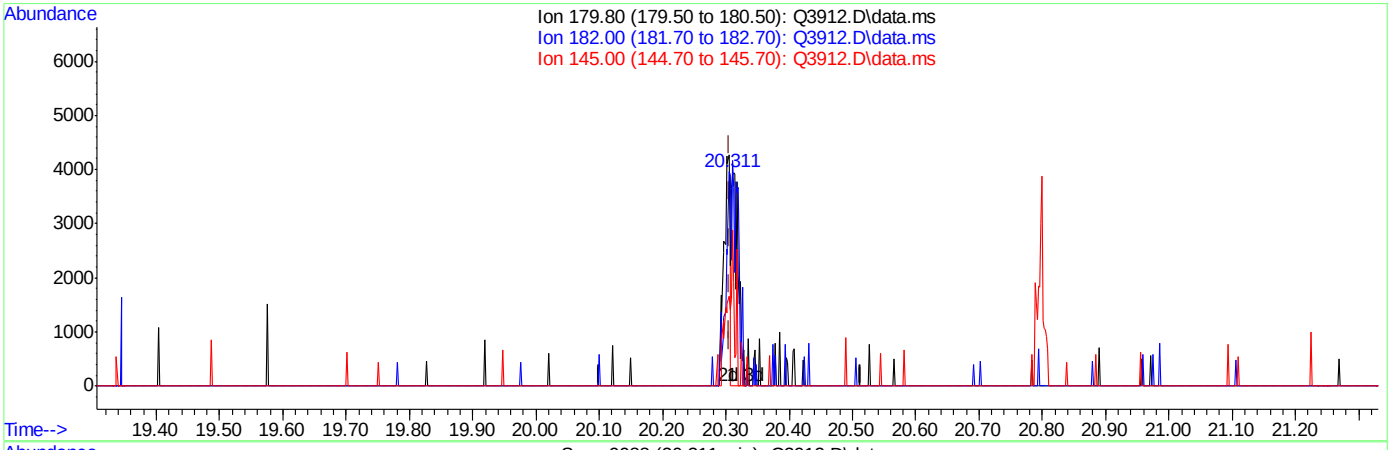
response 7757

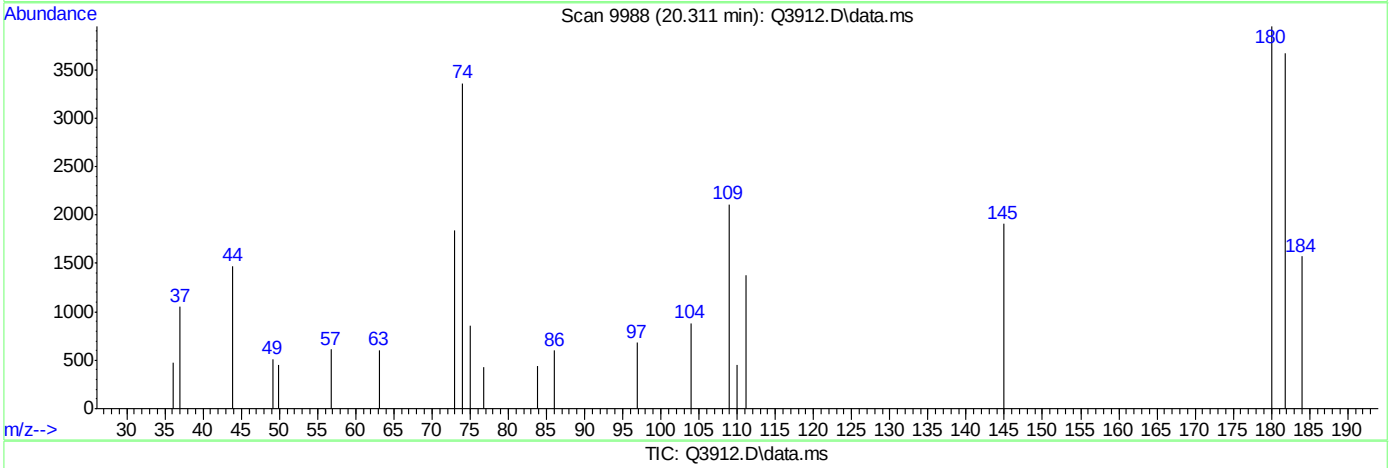
Ion	Exp%	Act%
105.00	100	100
120.00	29.20	49.41#
119.00	2.10	7.66
0.00	0.00	0.00

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

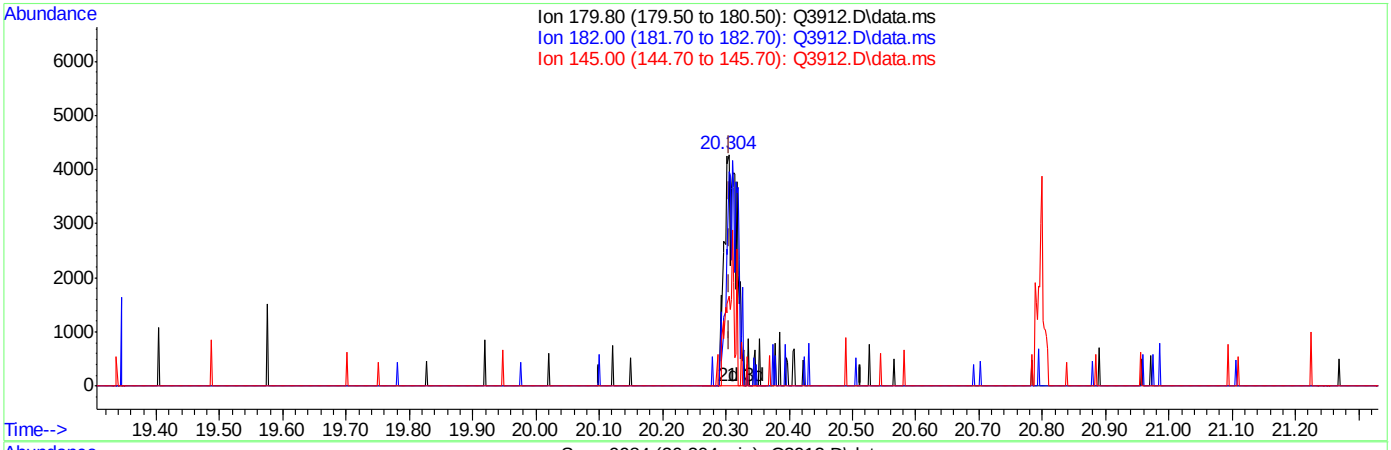
response 3018

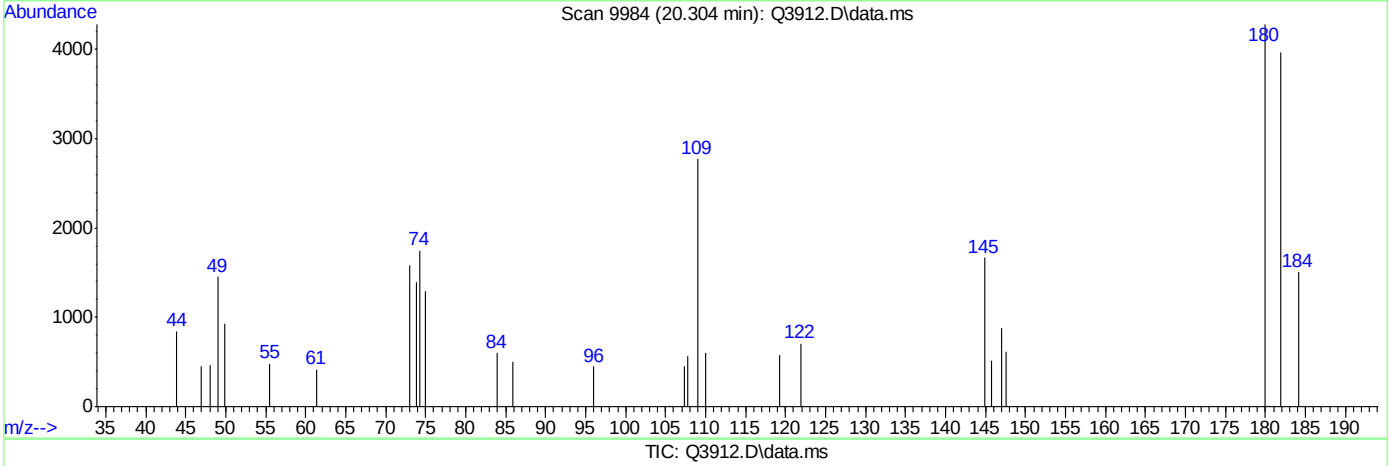
Ion	Exp%	Act%
179.80	100	100
182.00	95.40	166.34#
145.00	38.00	74.72#
0.00	0.00	0.00

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

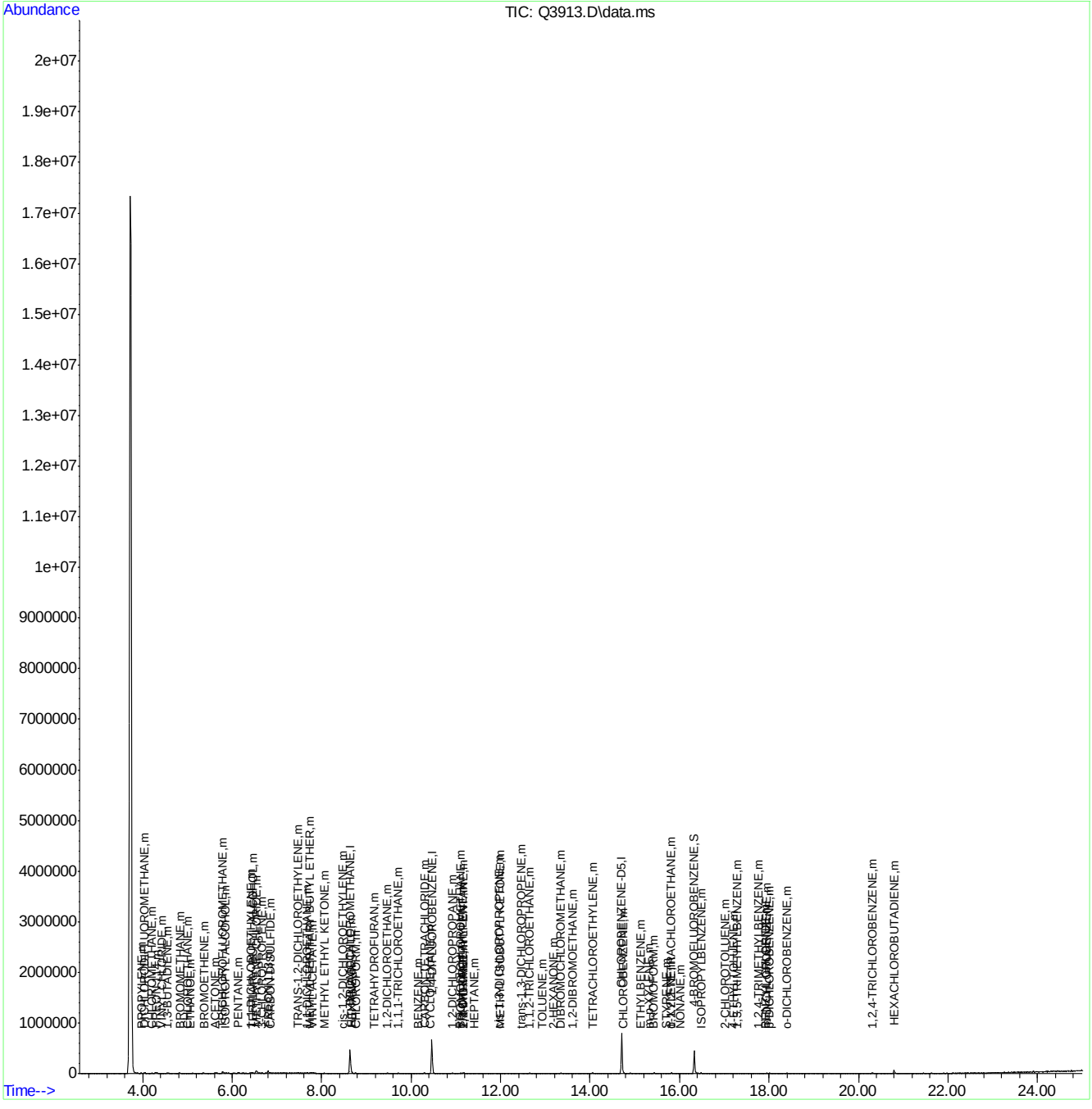
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.997	43	1962m	0.20	PPBV	
45) cis-1,3-DICHLOROPROPENE	11.958	75	2026m	0.20	PPBV	
46) TOLUENE	12.930	92	1881m	0.20	PPBV	
47) trans-1,3-DICHLOROPROPENE	12.455	75	1182m	0.20	PPBV	
48) 1,1,2-TRICHLOROETHANE	12.634	83	1784m	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

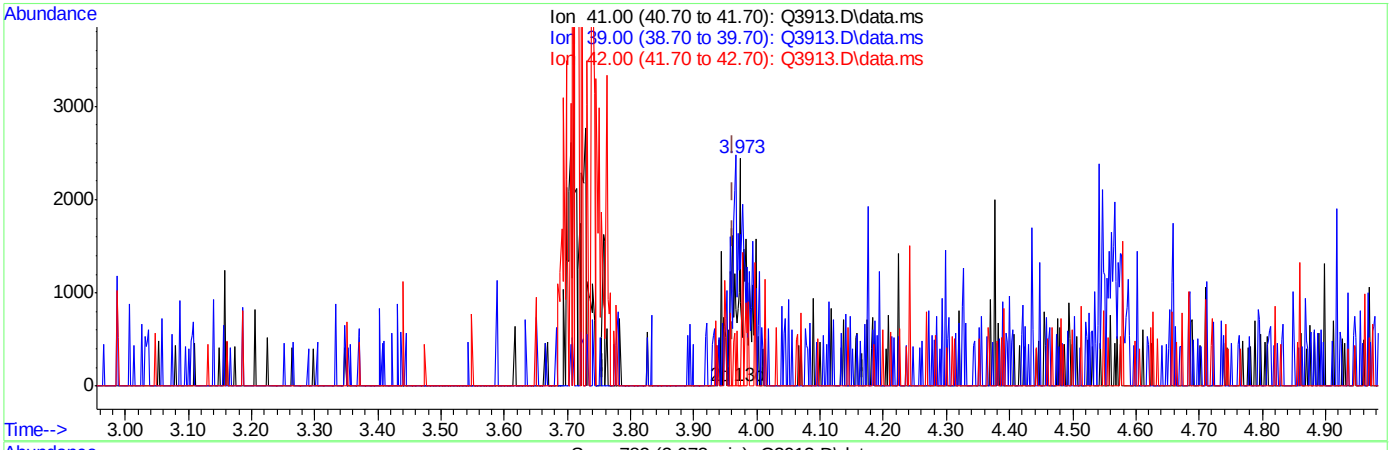
Quant Time: Jul 05 18:09:53 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:03:34 2007
Response via : Initial Calibration

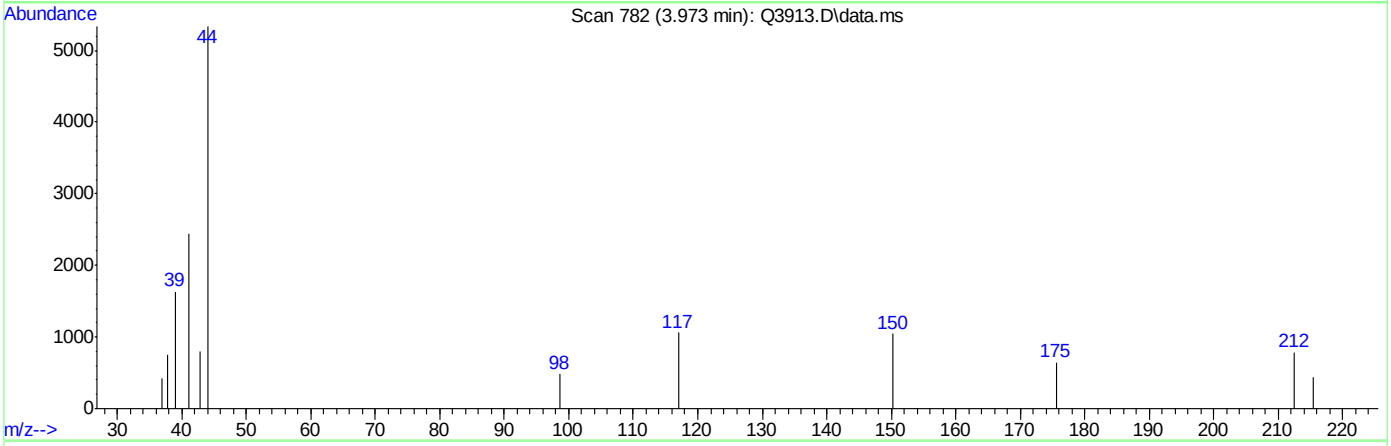


Quantitation Report (Qedit)

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

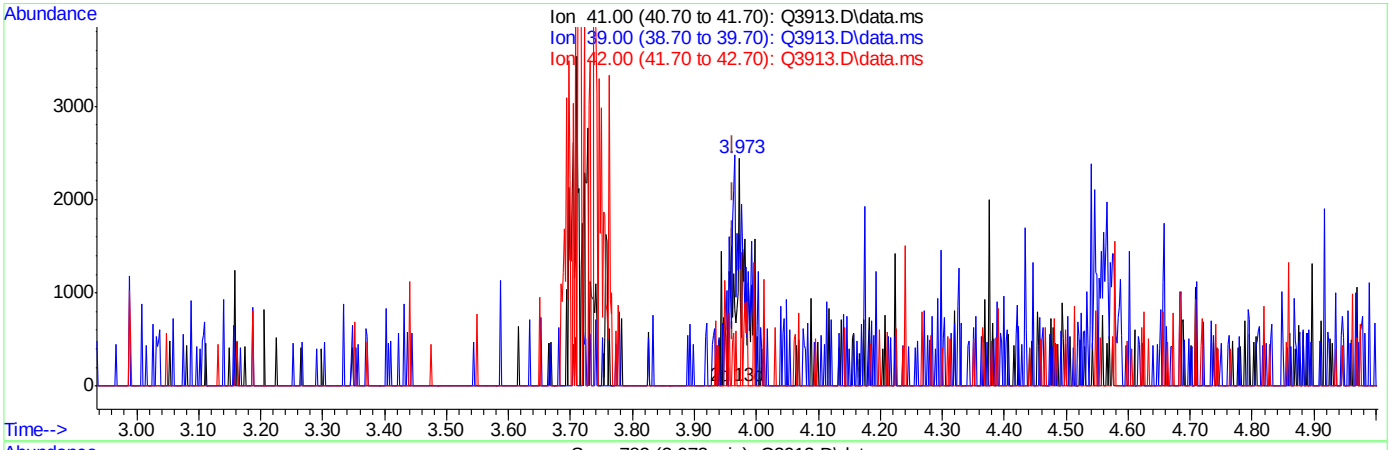
Ion	Exp%	Act%
41.00	100	100
39.00	72.50	66.71
42.00	67.80	0.00#
0.00	0.00	0.00

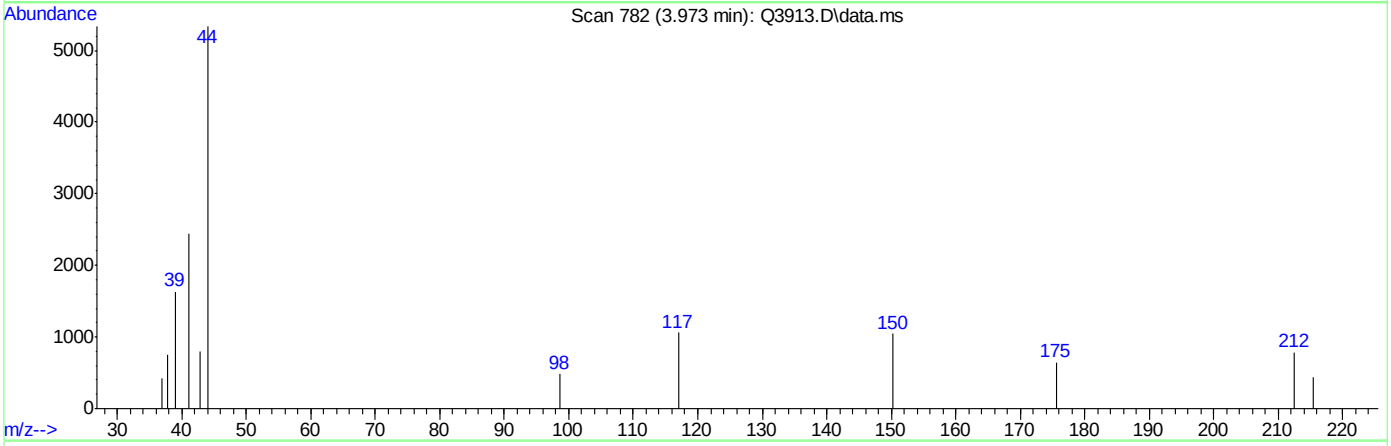
ACCUTEST Laboratories M68147

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

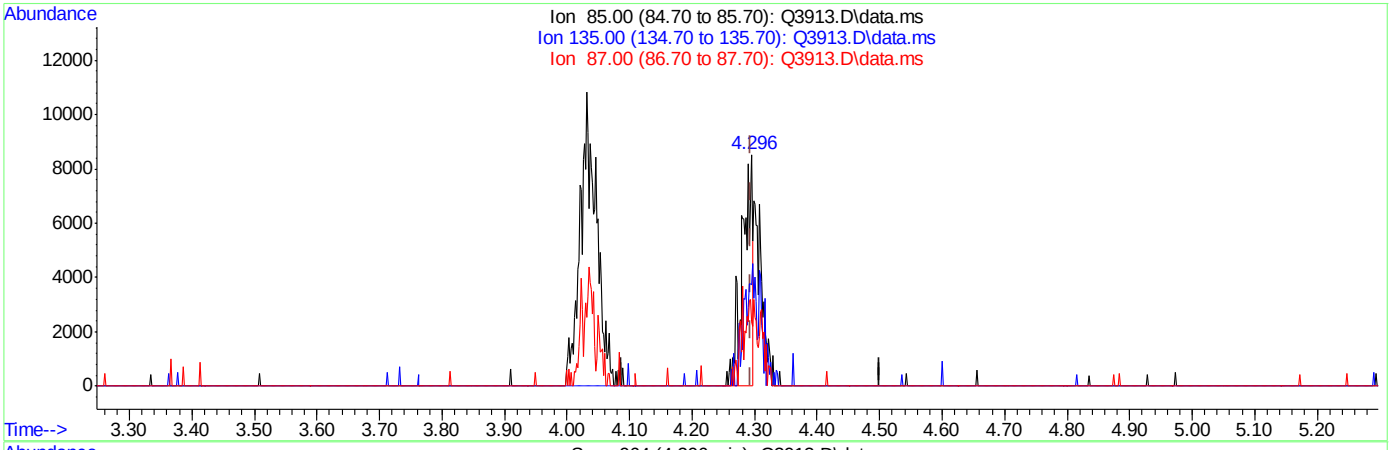
Ion	Exp%	Act%
41.00	100	100
39.00	72.50	66.71
42.00	67.80	0.00#
0.00	0.00	0.00

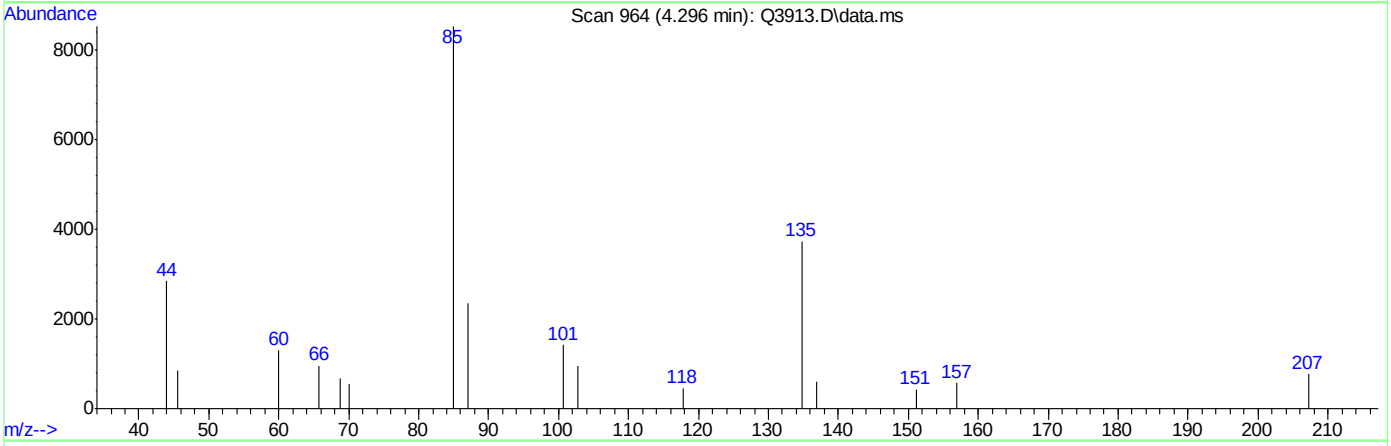
ACCUTEST Laboratories M68147

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

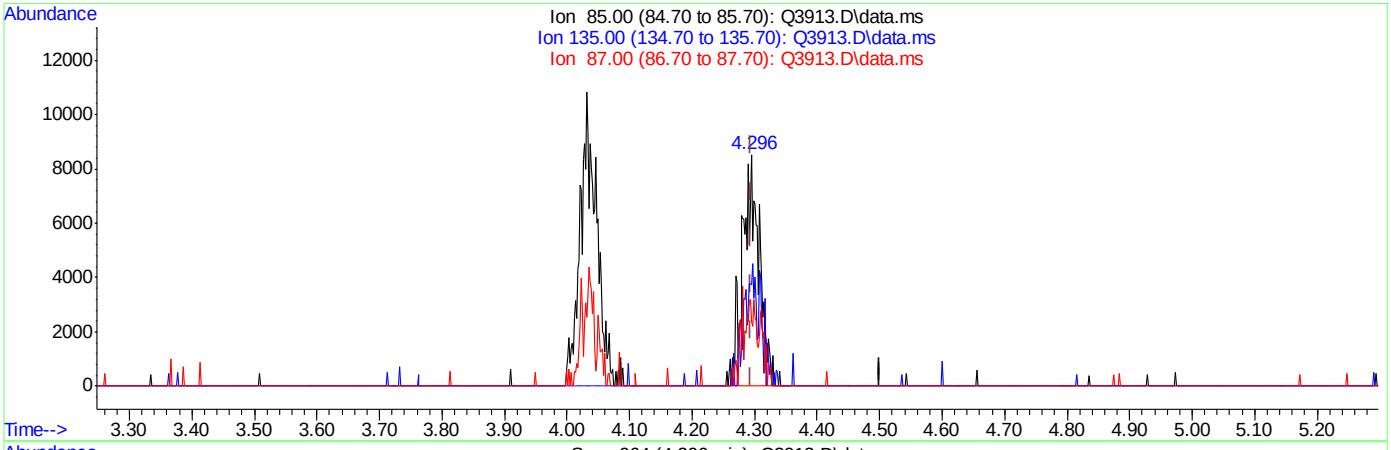
response 9584

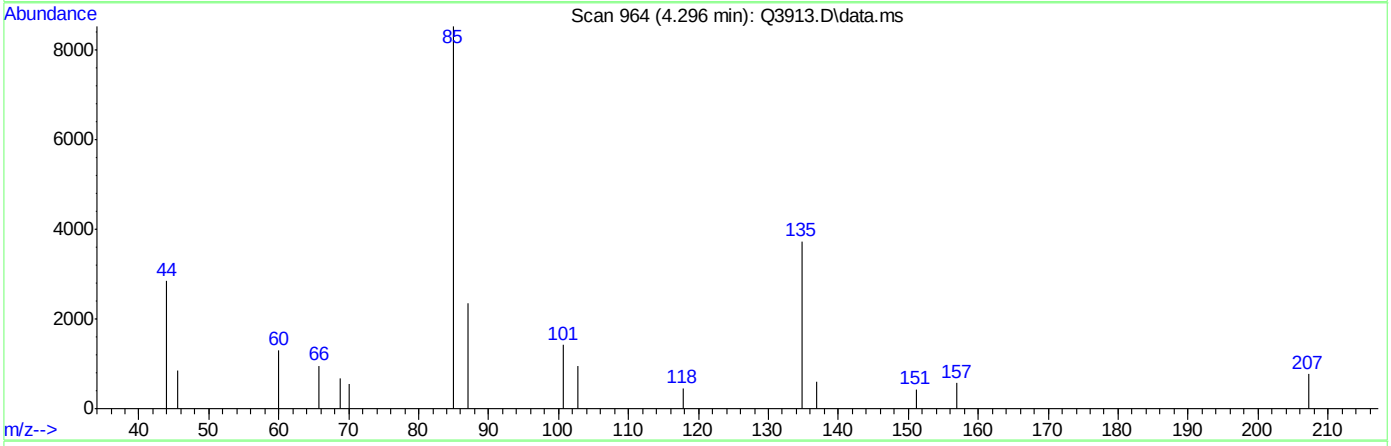
Ion	Exp%	Act%
85.00	100	100
135.00	66.70	77.84
87.00	32.20	32.75
0.00	0.00	0.00

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

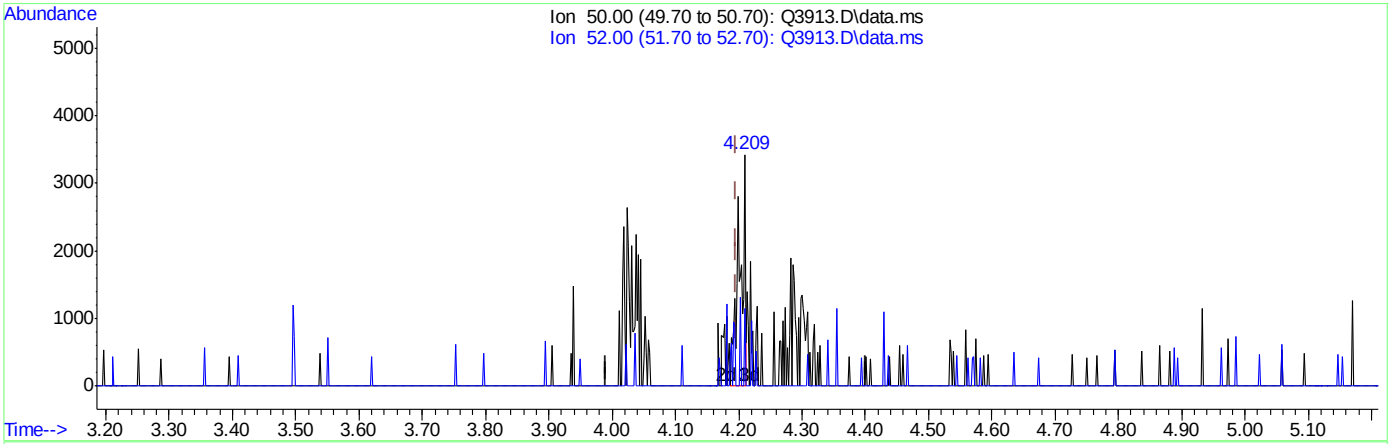
response 15983

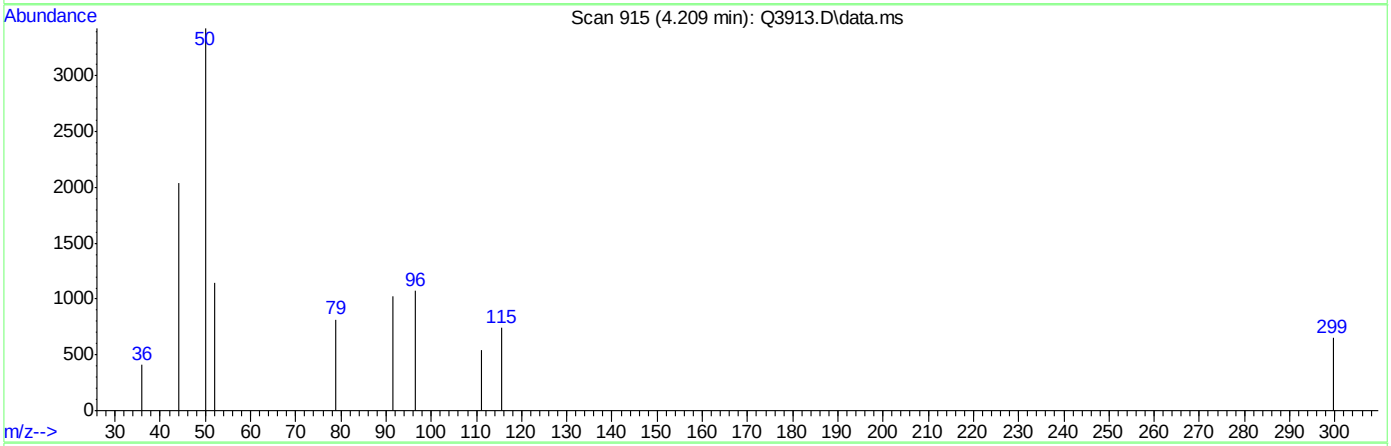
Ion	Exp%	Act%
85.00	100	100
135.00	66.70	46.67#
87.00	32.20	19.64
0.00	0.00	0.00

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

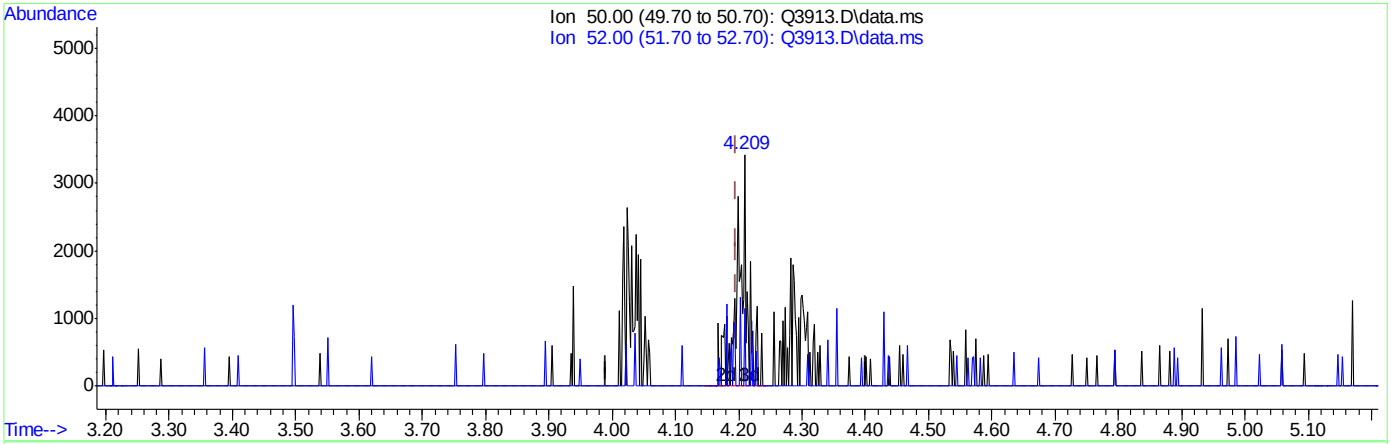
response 2103

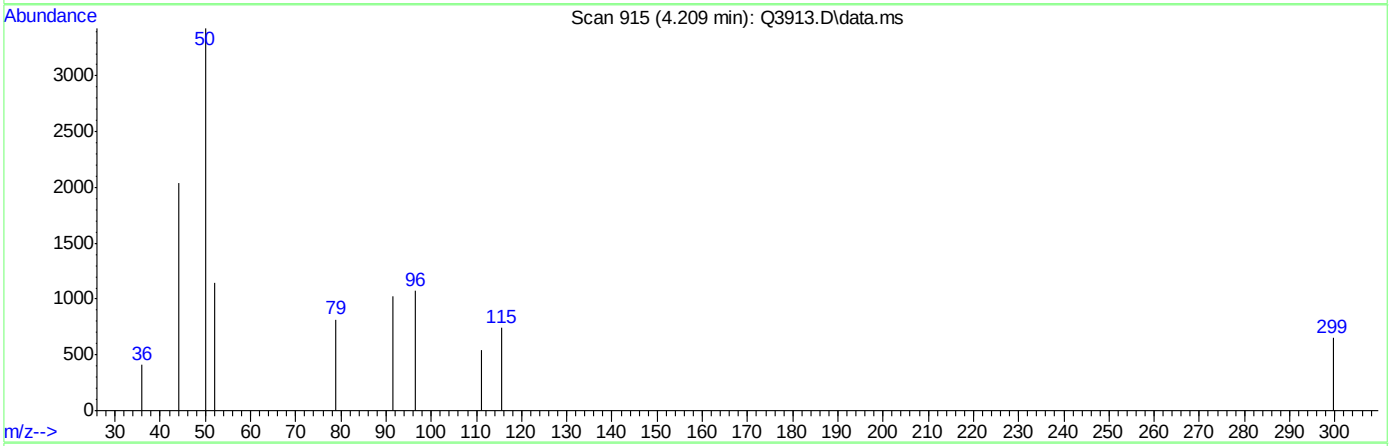
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	30.01
0.00	0.00	0.00
0.00	0.00	0.00

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

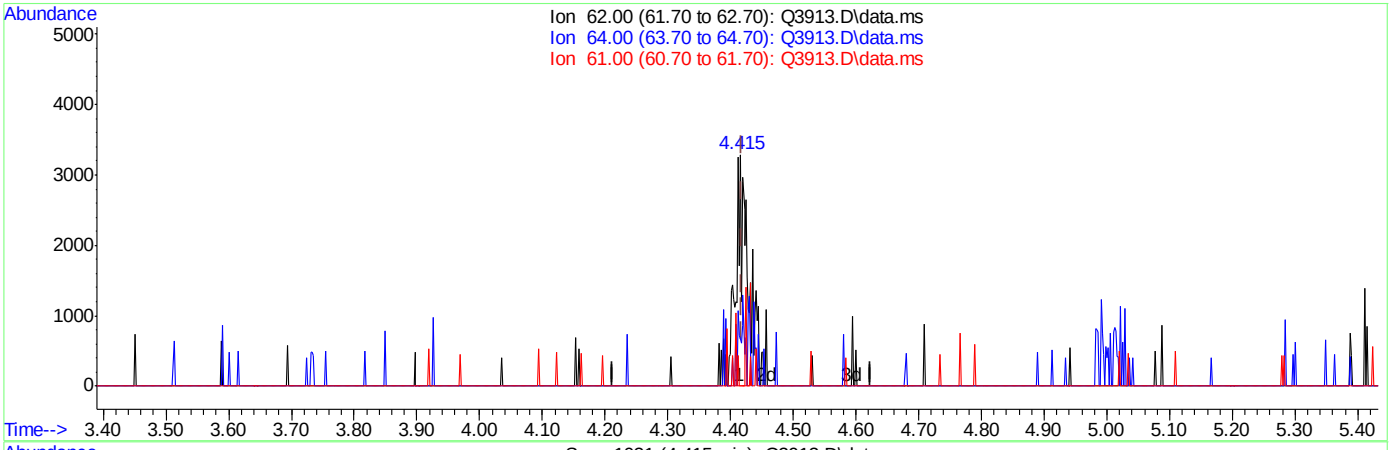
response 3512

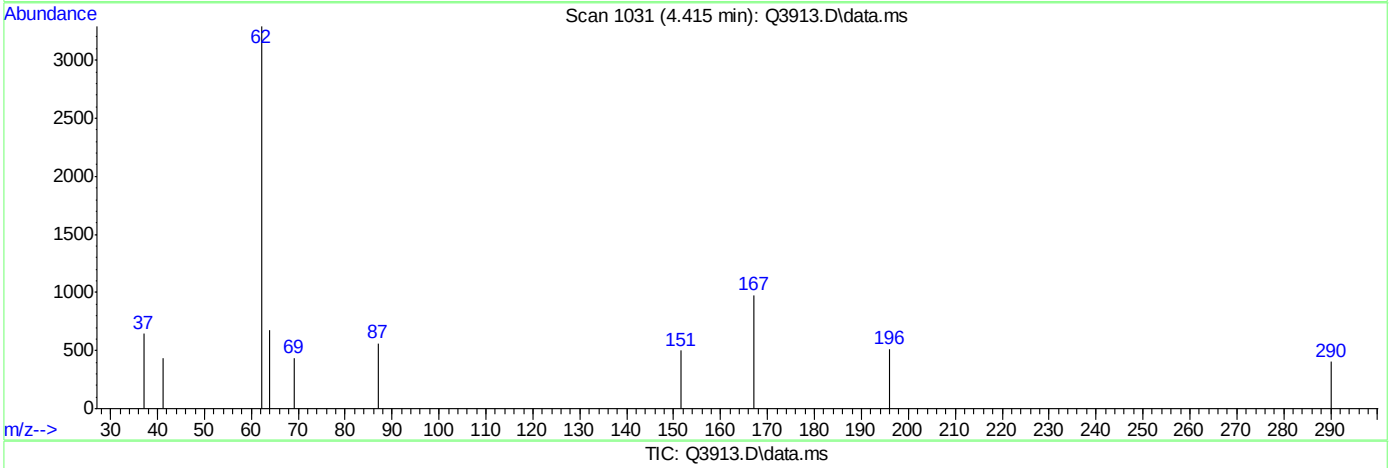
Ion	Exp%	Act%
50.00	100	100
52.00	32.20	33.54
0.00	0.00	0.00
0.00	0.00	0.00

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

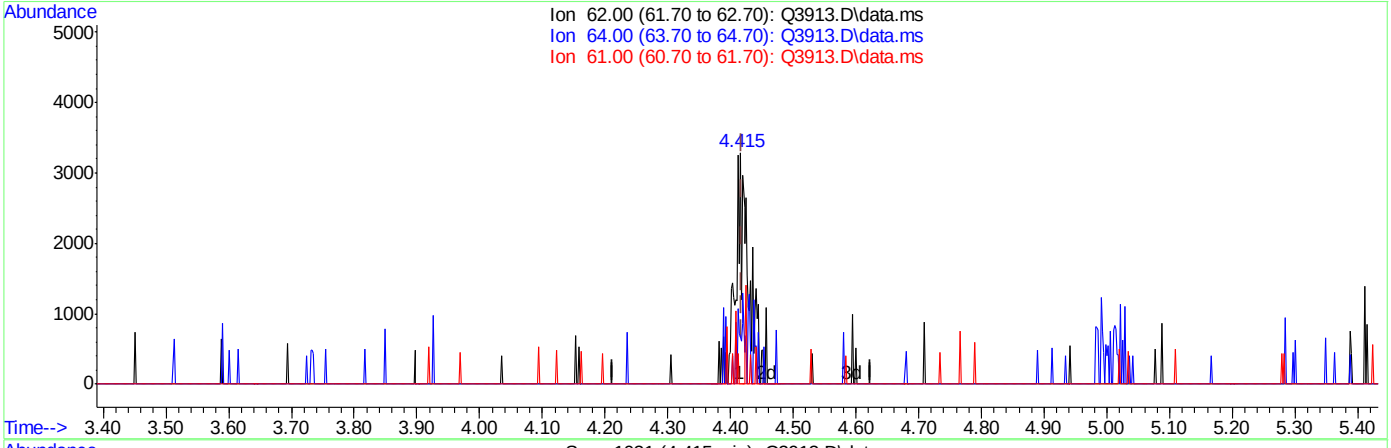
response 3887

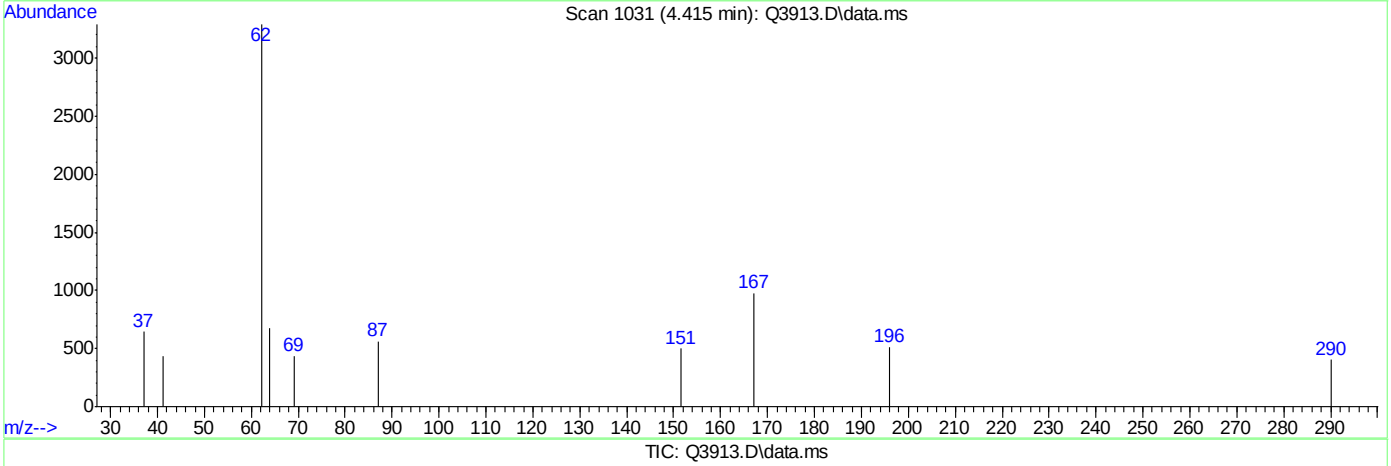
Ion	Exp%	Act%
62.00	100	100
64.00	30.40	19.17
61.00	8.60	4.04
0.00	0.00	0.00

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

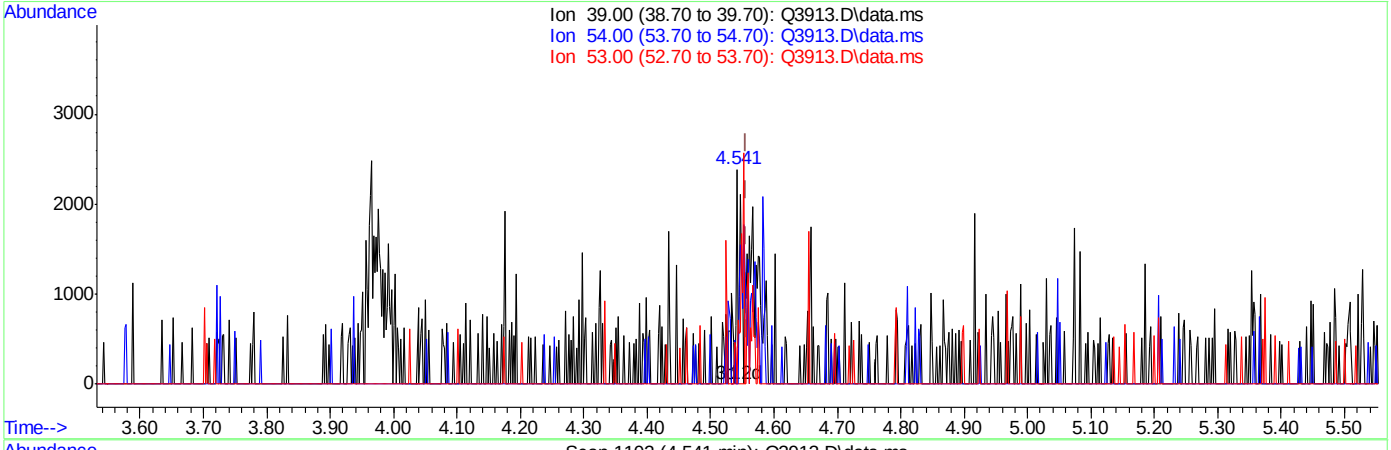
response 5078

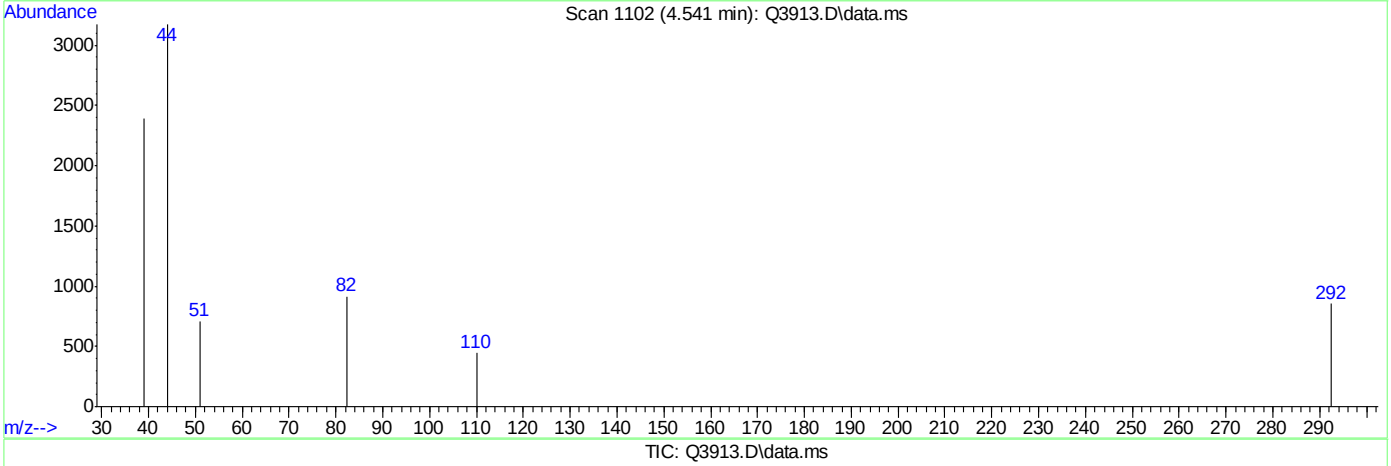
Ion	Exp%	Act%
62.00	100	100
64.00	30.40	14.67
61.00	8.60	3.09
0.00	0.00	0.00

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

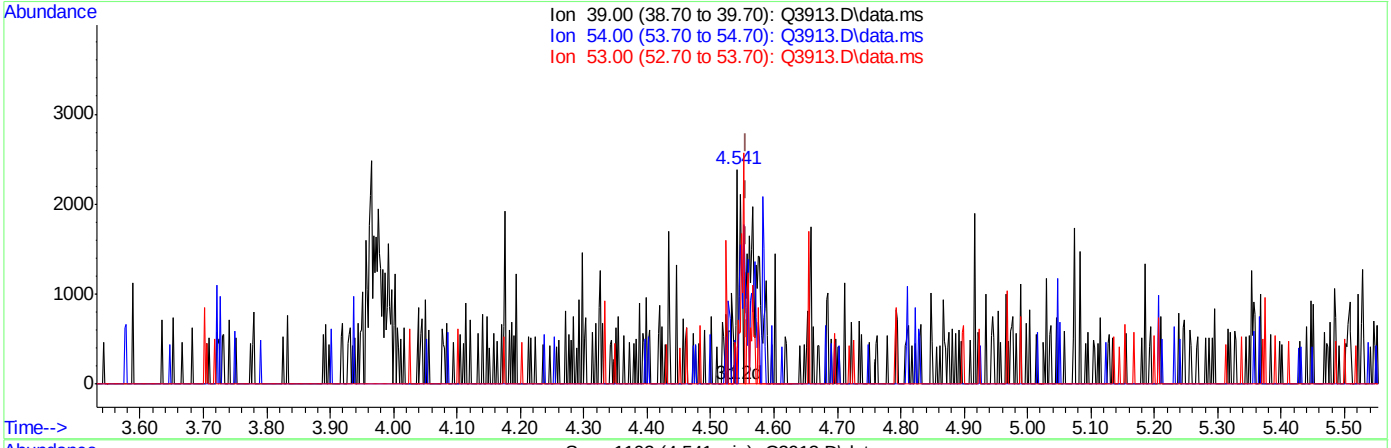
response 1233

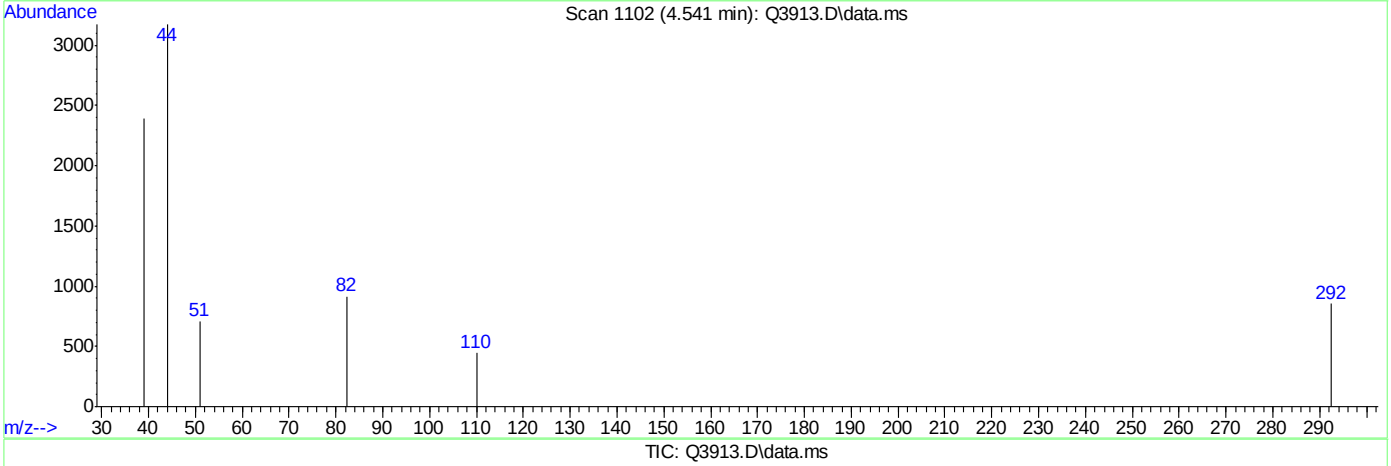
Ion	Exp%	Act%
39.00	100	100
54.00	111.20	90.84#
53.00	75.80	69.10
0.00	0.00	0.00

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

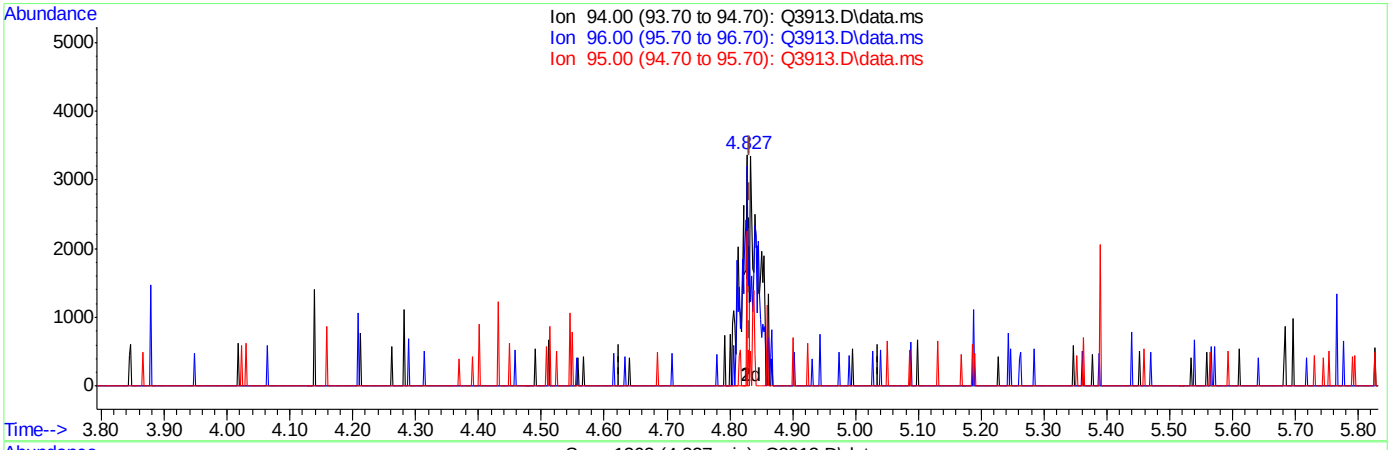
Ion	Exp%	Act%
39.00	100	100
54.00	111.20	26.81#
53.00	75.80	20.39#
0.00	0.00	0.00

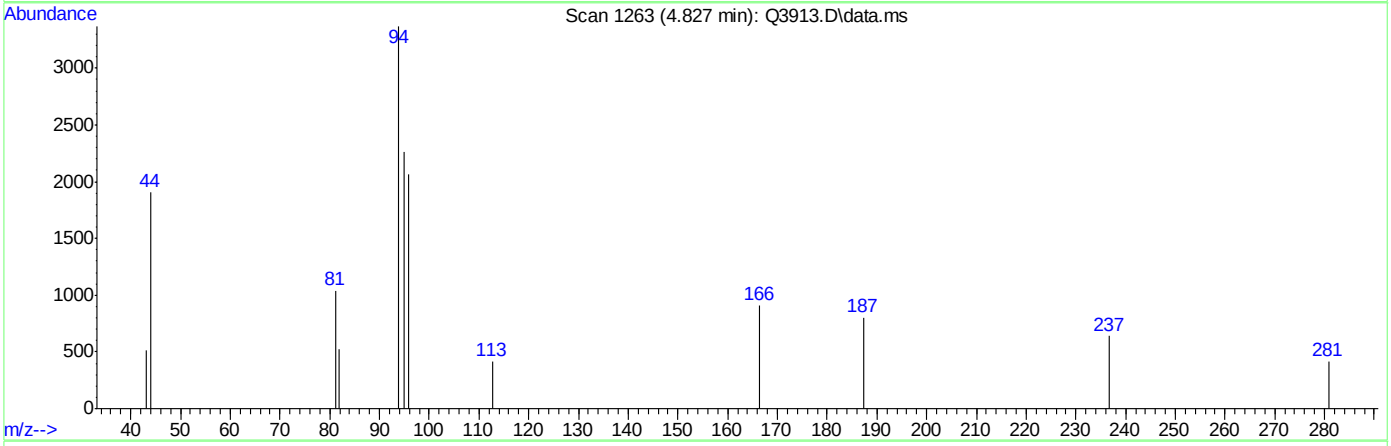
ACCUTEST Laboratories M68147

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

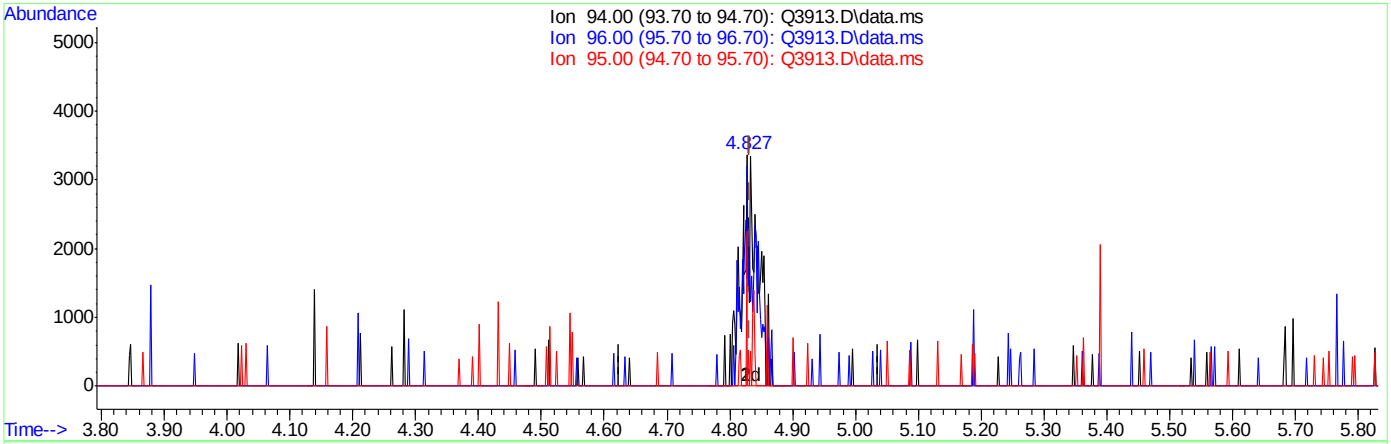
response 2822

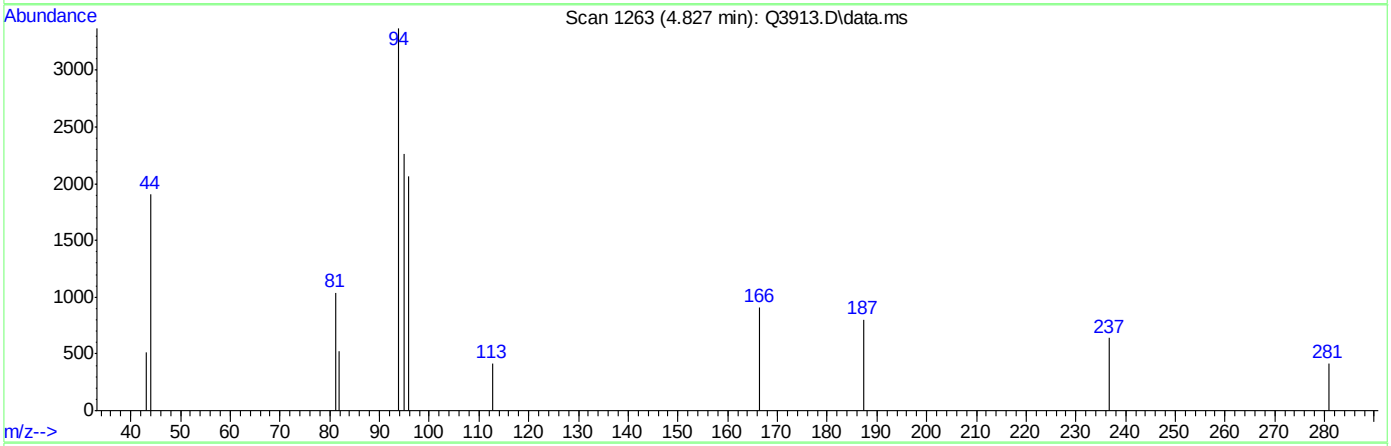
Ion	Exp%	Act%
94.00	100	100
96.00	93.00	39.94#
95.00	13.50	0.00
0.00	0.00	0.00

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

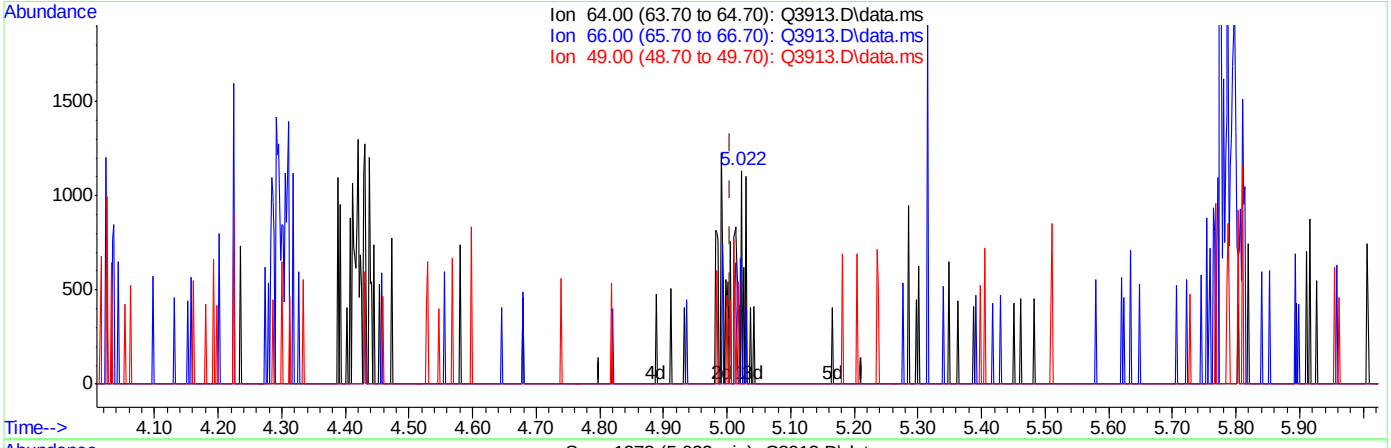
response 5956

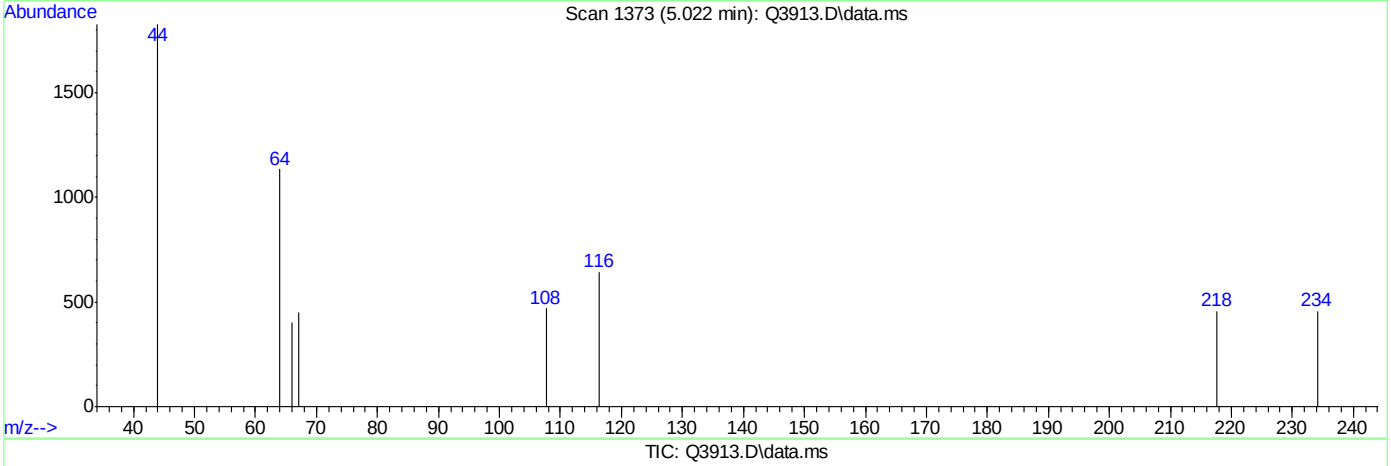
Ion	Exp%	Act%
94.00	100	100
96.00	93.00	18.92#
95.00	13.50	0.00
0.00	0.00	0.00

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

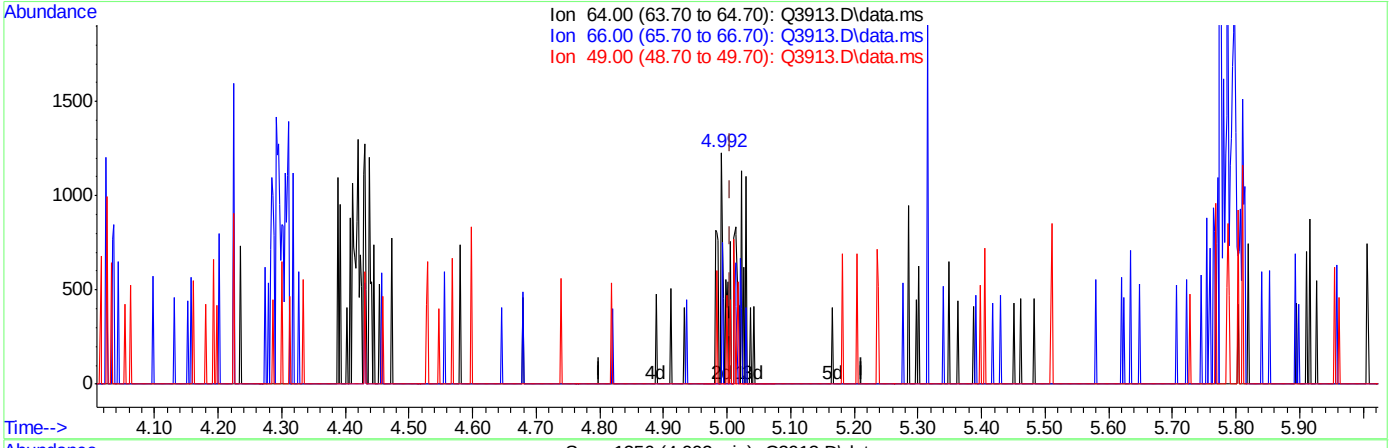
response 466

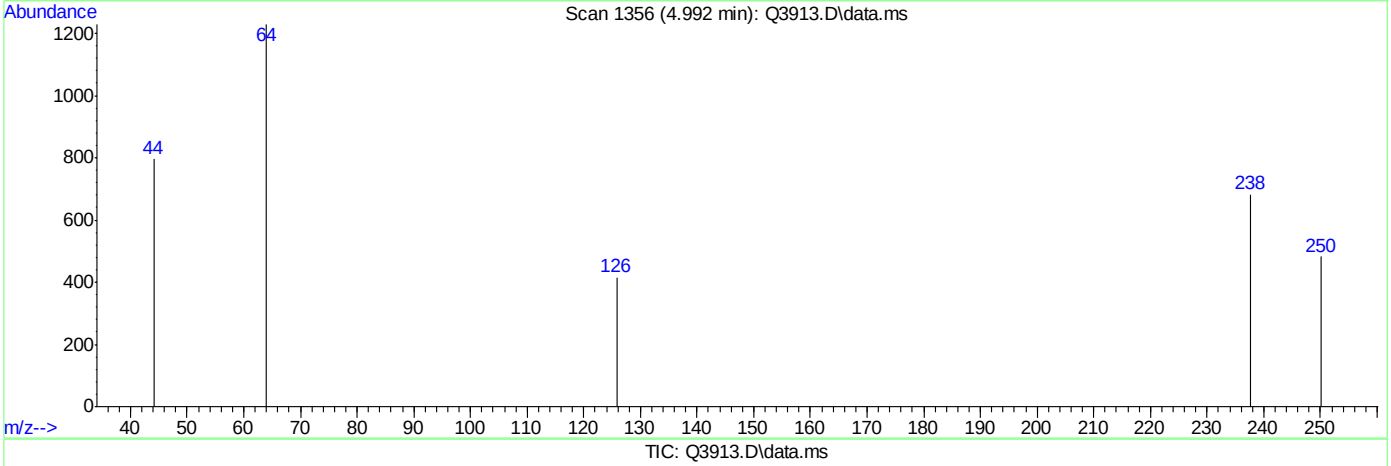
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	58.58#
49.00	36.50	12.45#
0.00	0.00	0.00

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

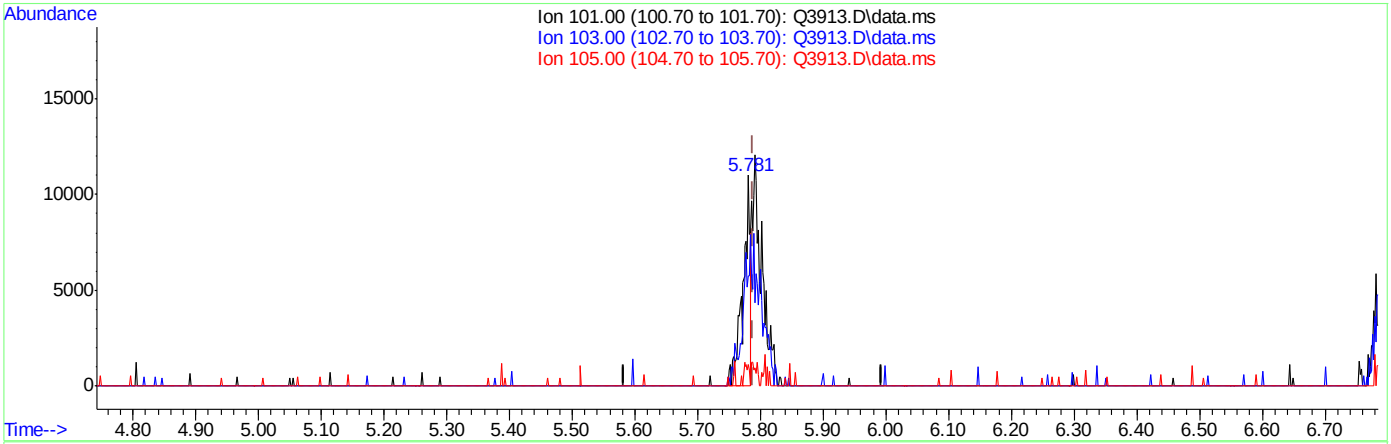
response 1490

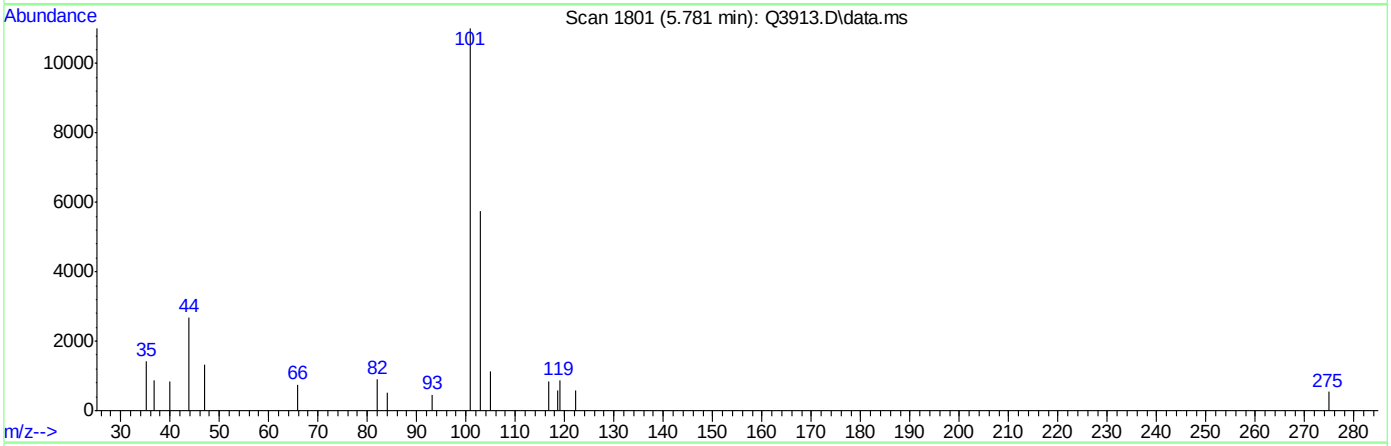
Ion	Exp%	Act%
64.00	100	100
66.00	29.70	18.32
49.00	36.50	3.89#
0.00	0.00	0.00

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

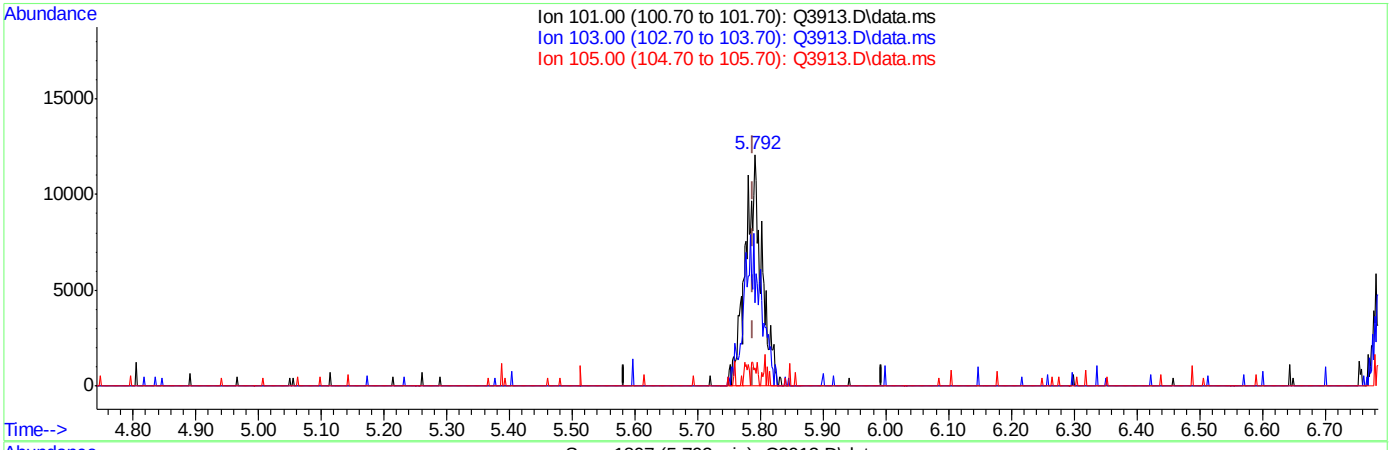
response 9276

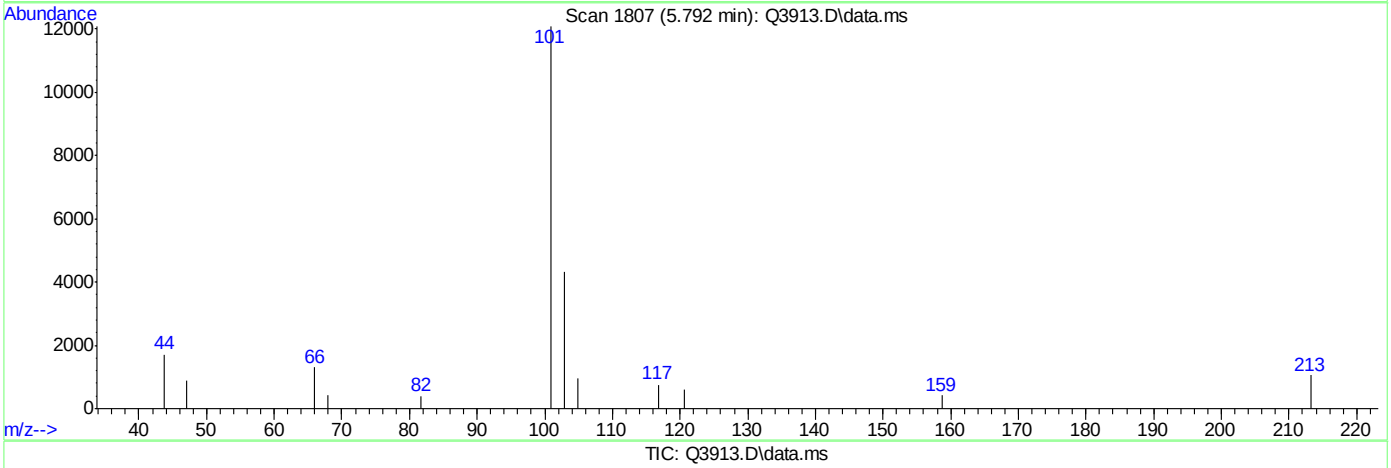
Ion	Exp%	Act%
101.00	100	100
103.00	64.30	0.00#
105.00	10.20	7.81
0.00	0.00	0.00

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

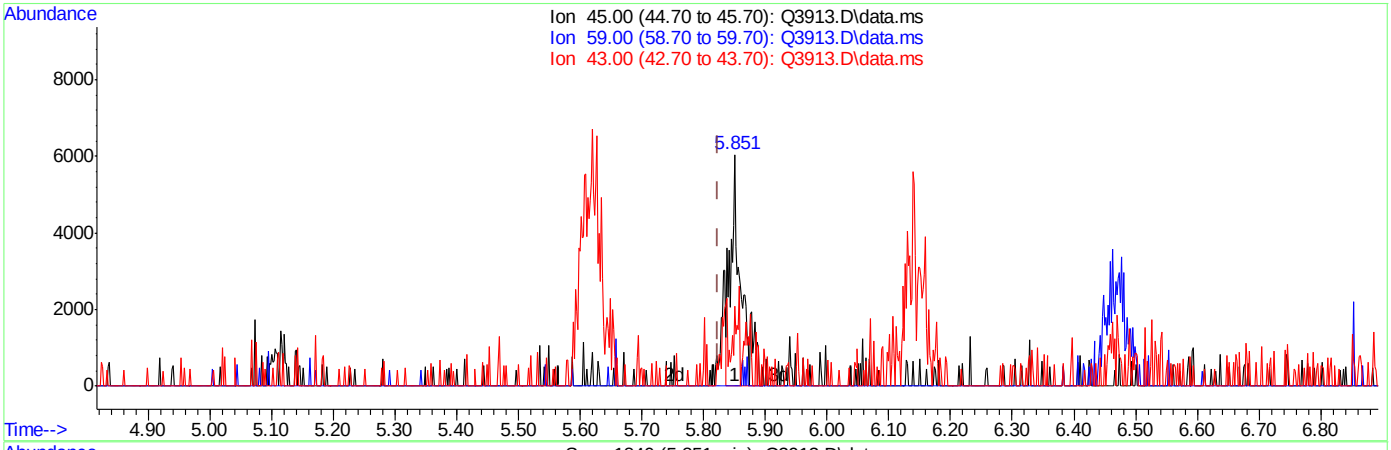
response 22245

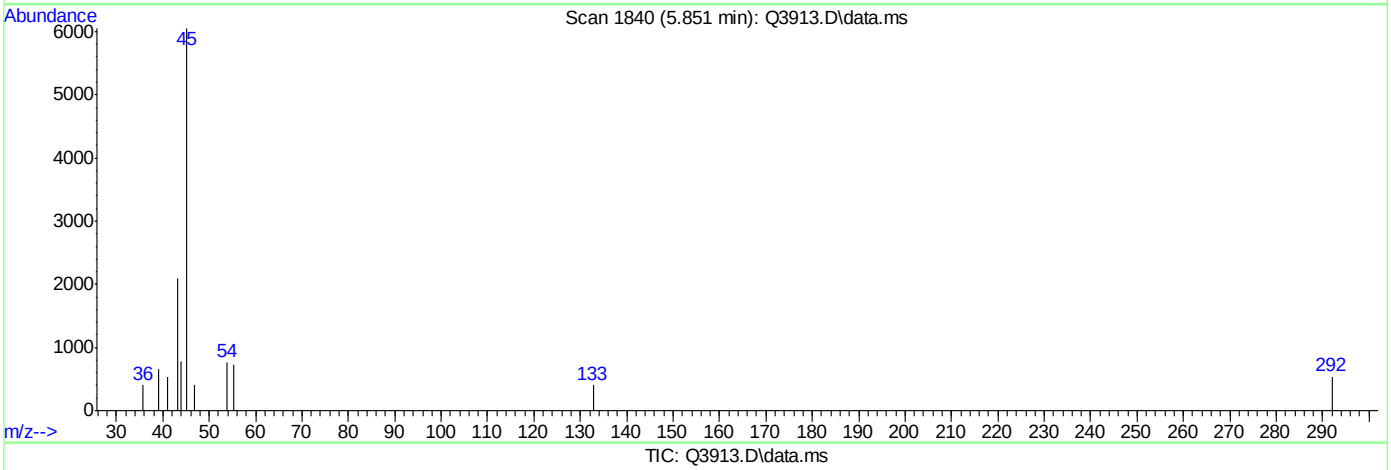
Ion	Exp%	Act%
101.00	100	100
103.00	64.30	0.00#
105.00	10.20	3.25
0.00	0.00	0.00

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

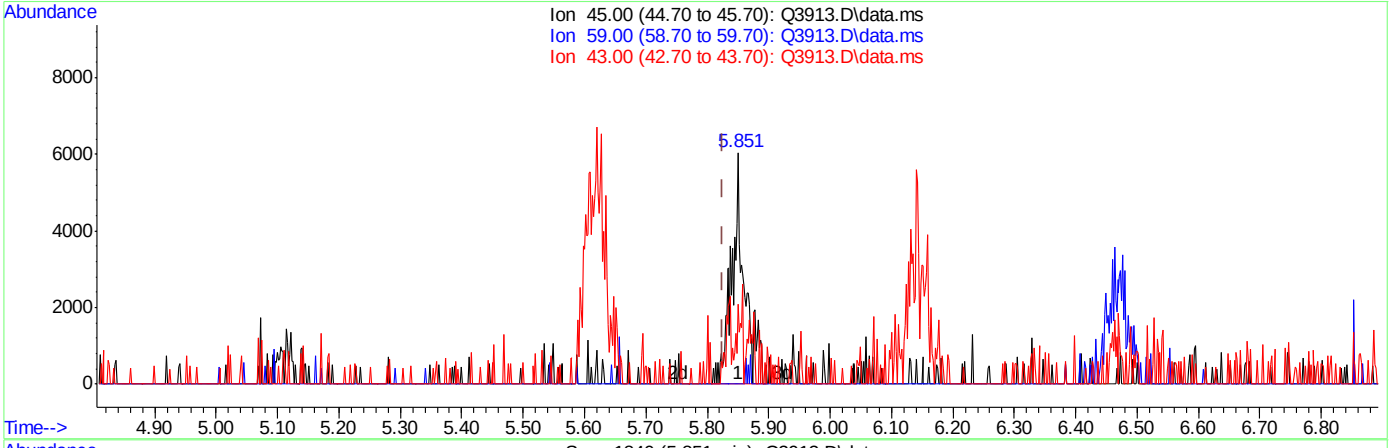
response 7261

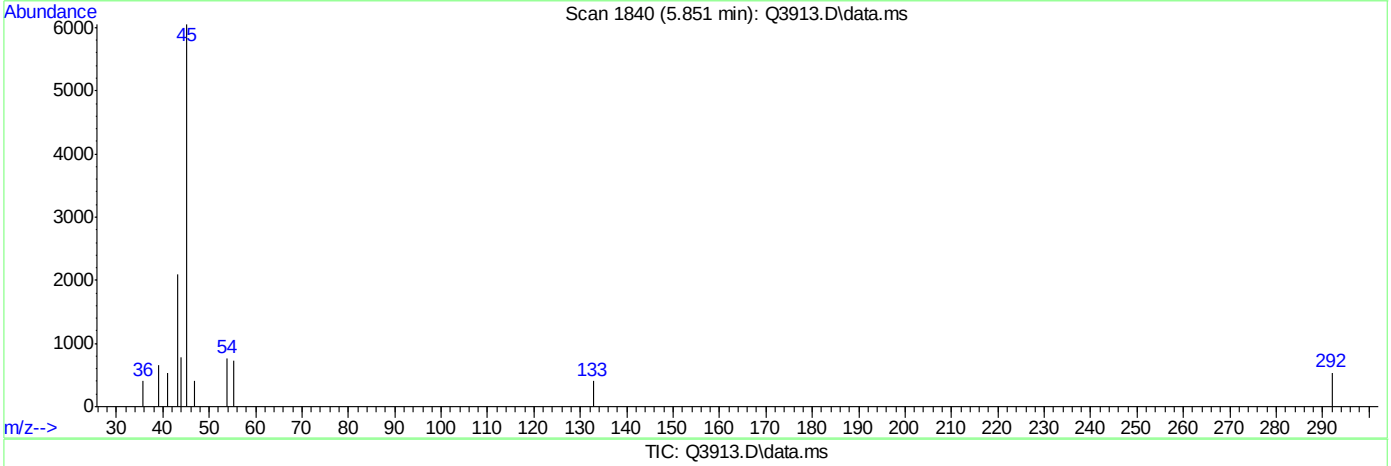
Ion	Exp%	Act%
45.00	100	100
59.00	3.70	0.00
43.00	19.70	34.62
0.00	0.00	0.00

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

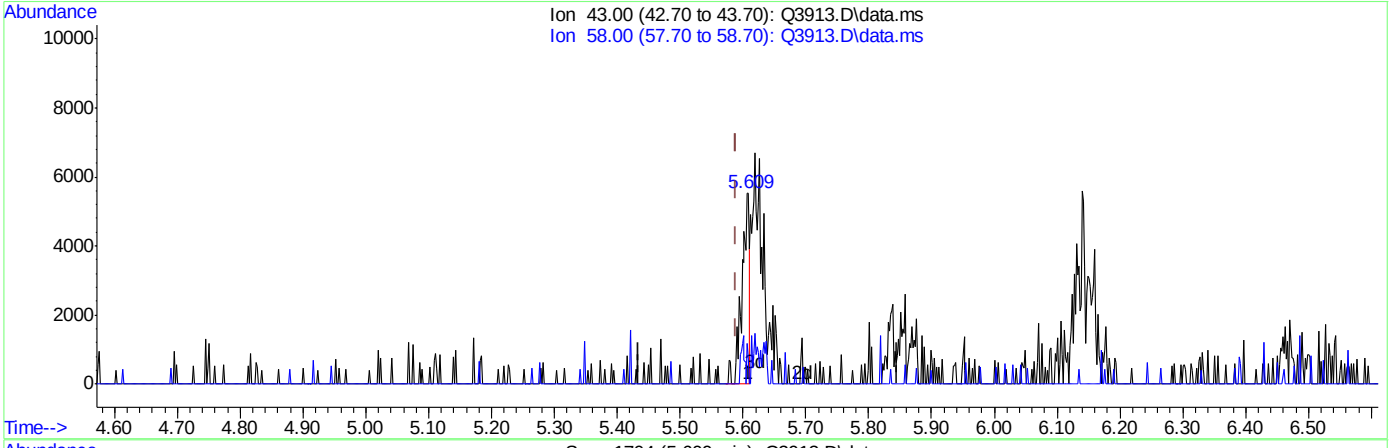
response 8940

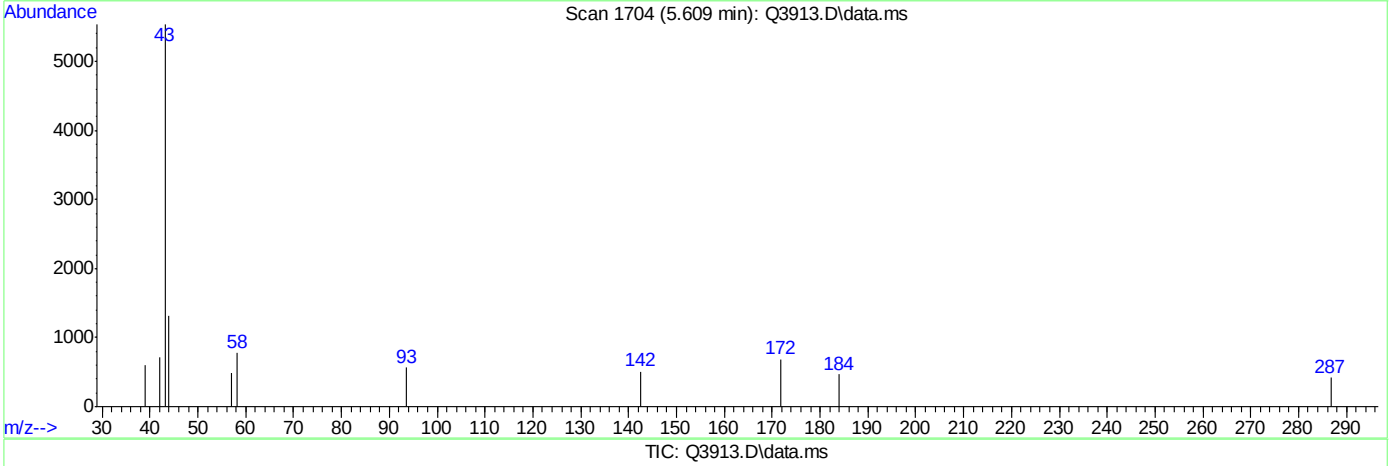
Ion	Exp%	Act%
45.00	100	100
59.00	3.70	0.00
43.00	19.70	34.62
0.00	0.00	0.00

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

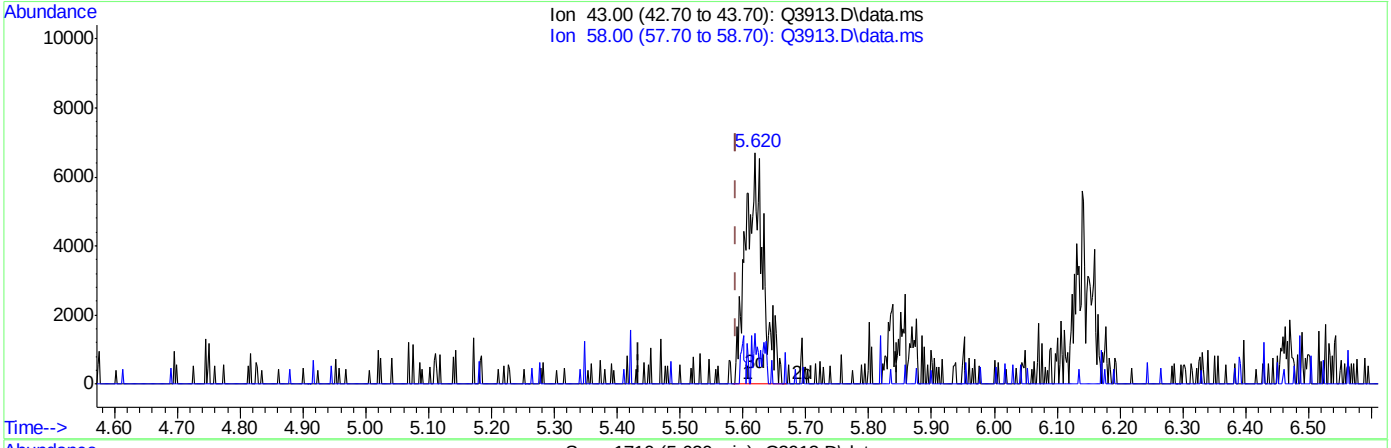
response 4752

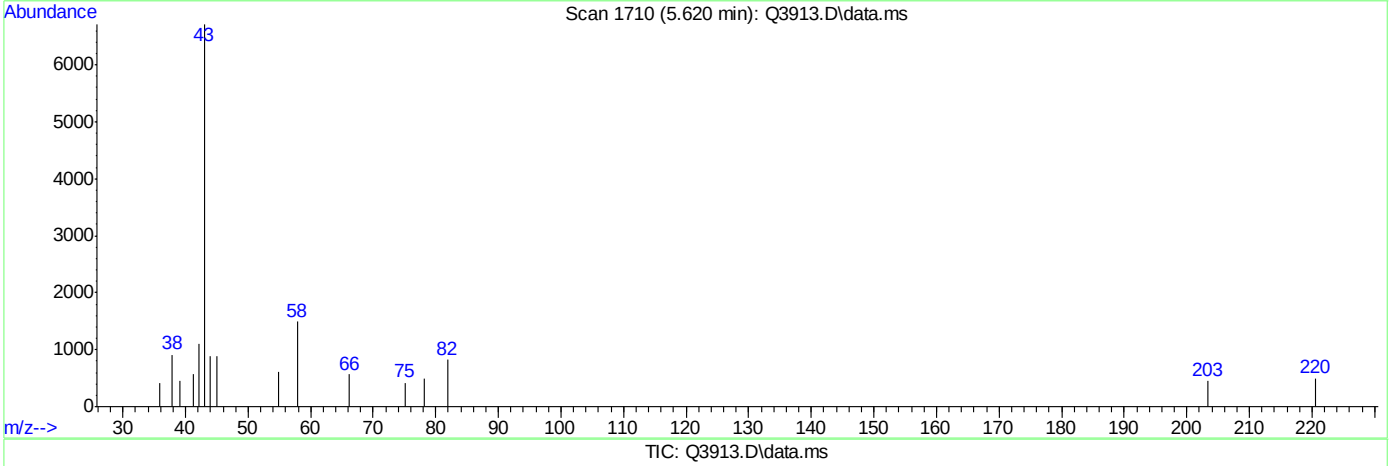
Ion	Exp%	Act%
43.00	100	100
58.00	29.00	17.26
0.00	0.00	0.00
0.00	0.00	0.00

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

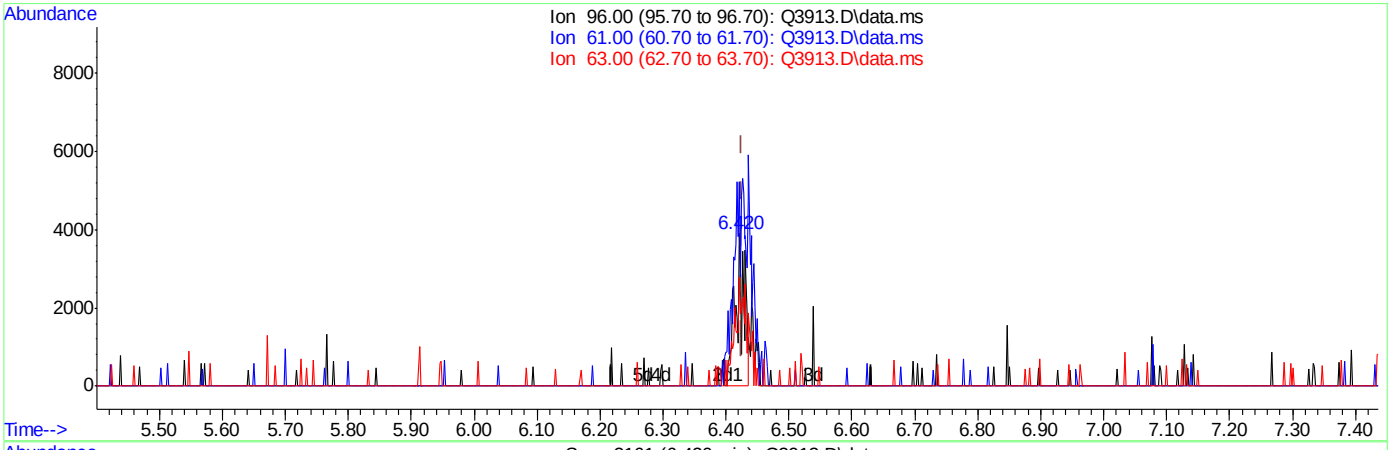
response 13288

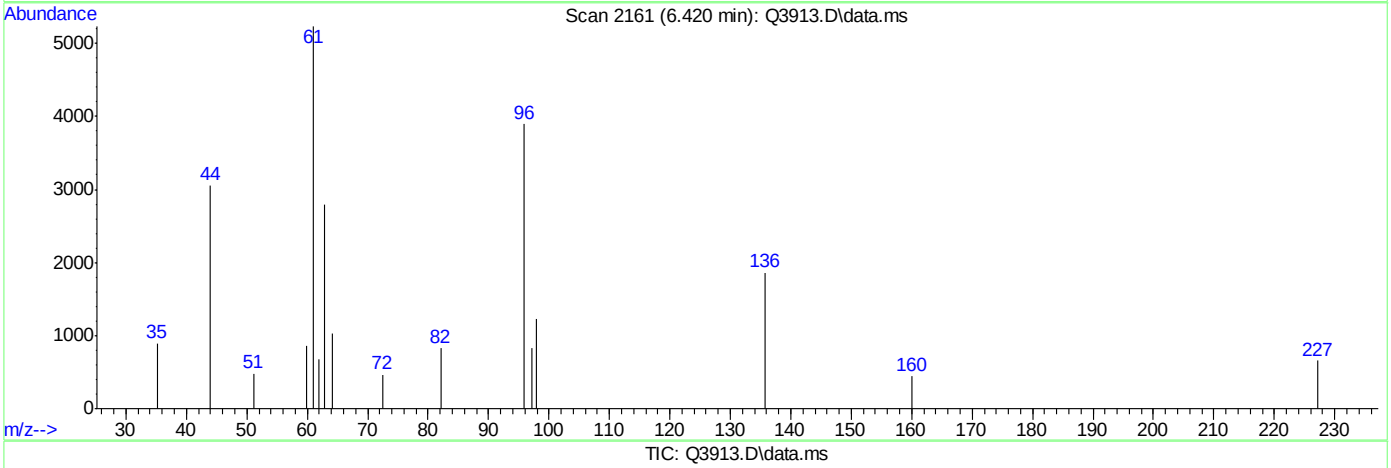
Ion	Exp%	Act%
43.00	100	100
58.00	29.00	6.17#
0.00	0.00	0.00
0.00	0.00	0.00

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

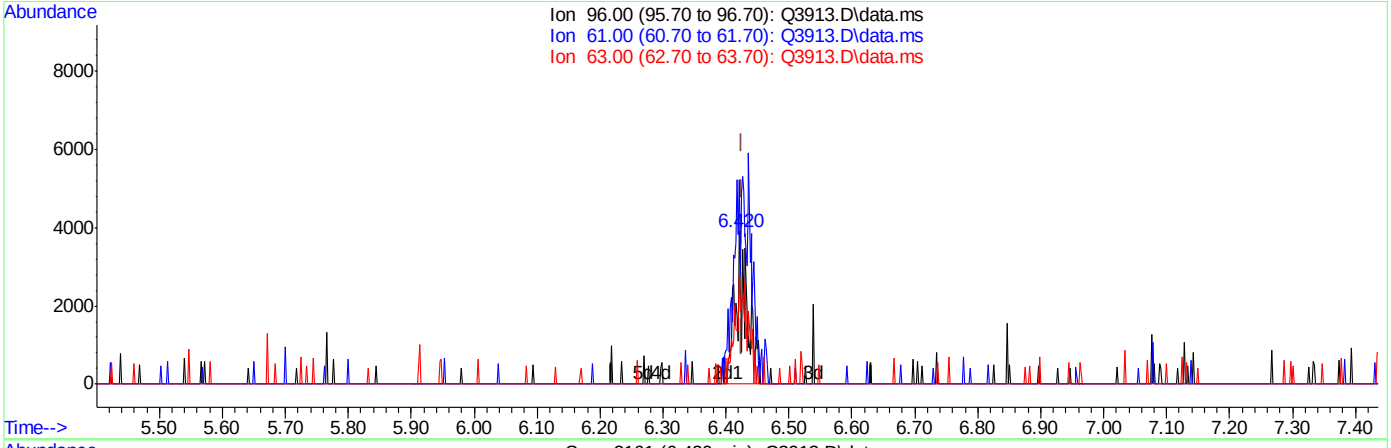
response 3895

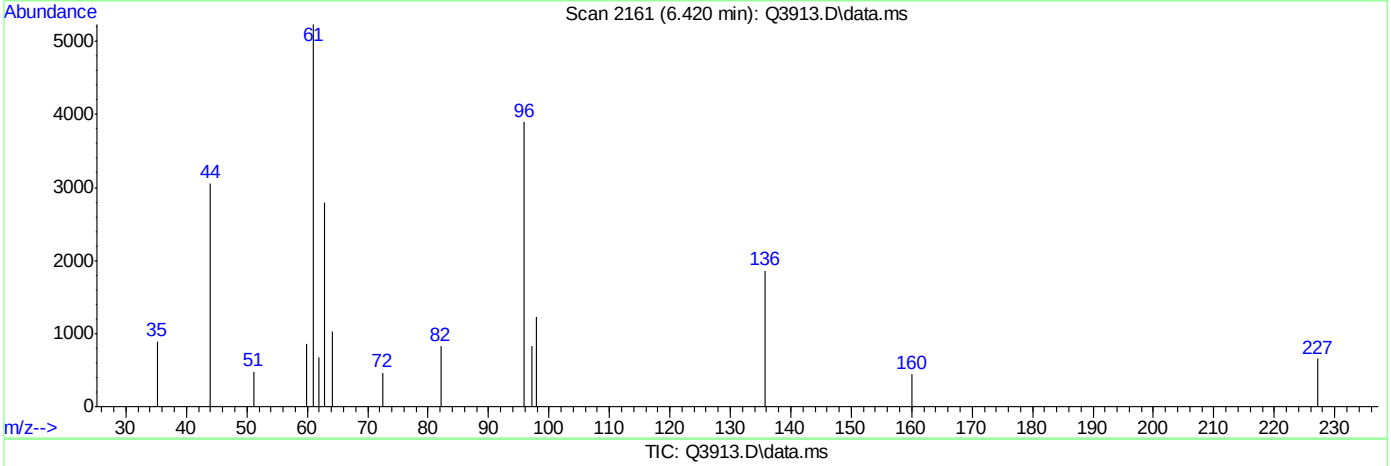
Ion	Exp%	Act%
96.00	100	100
61.00	213.40	176.77#
63.00	65.80	74.17
0.00	0.00	0.00

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

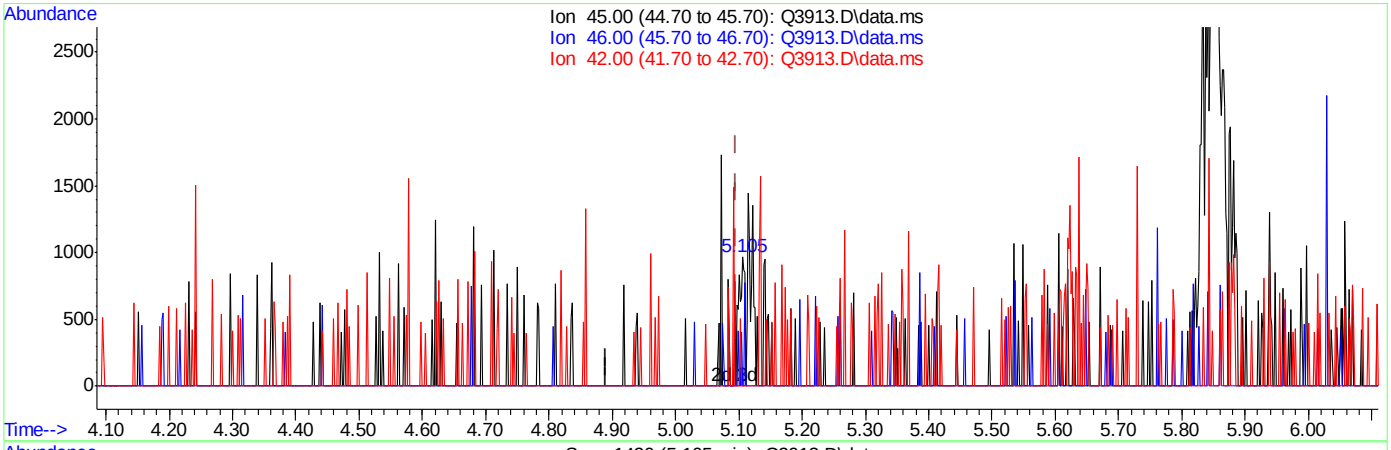
response 5408

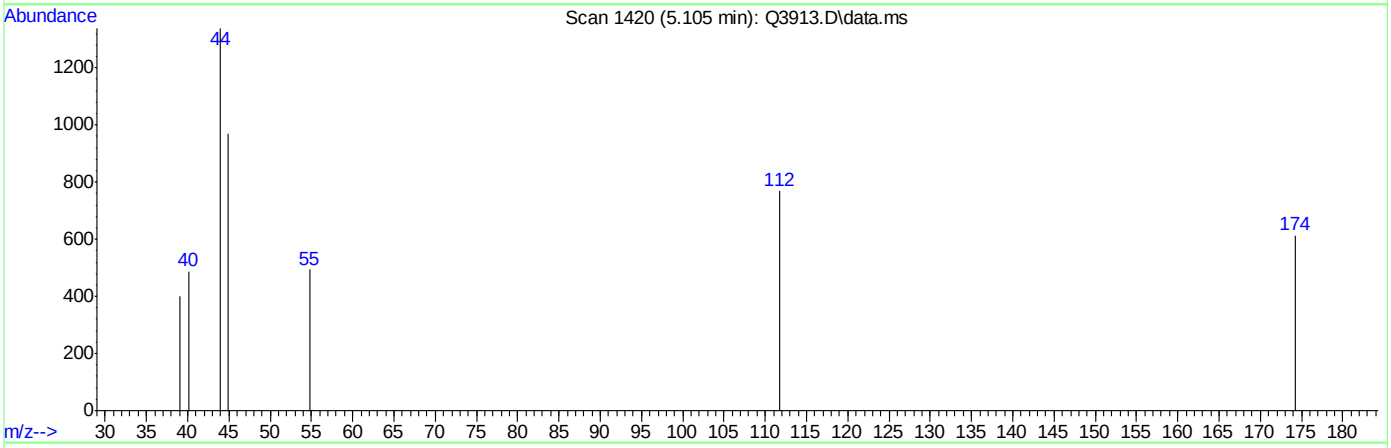
Ion	Exp%	Act%
96.00	100	100
61.00	213.40	127.31#
63.00	65.80	53.42
0.00	0.00	0.00

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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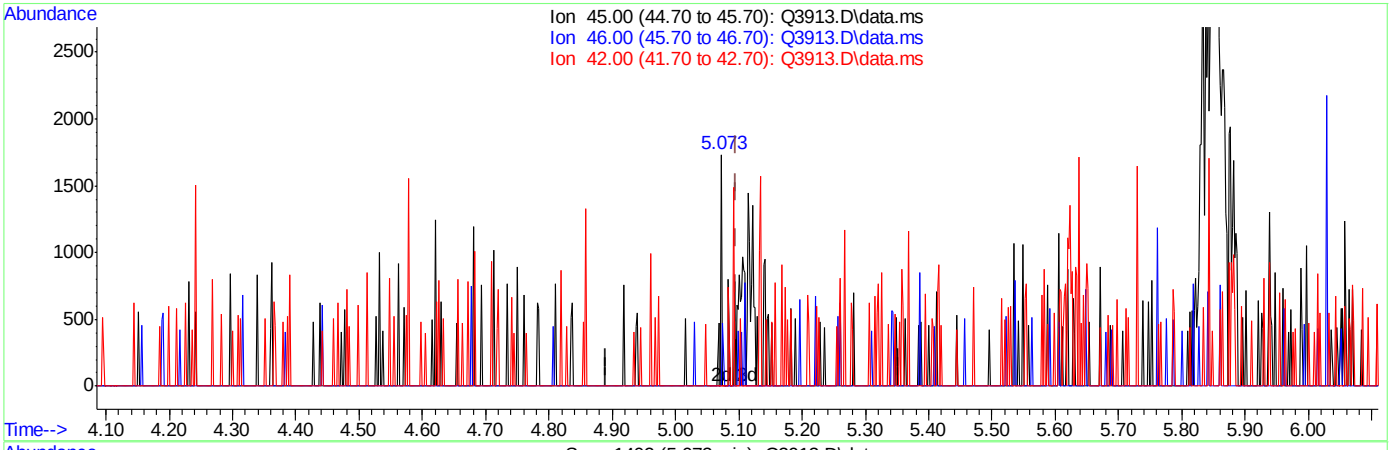
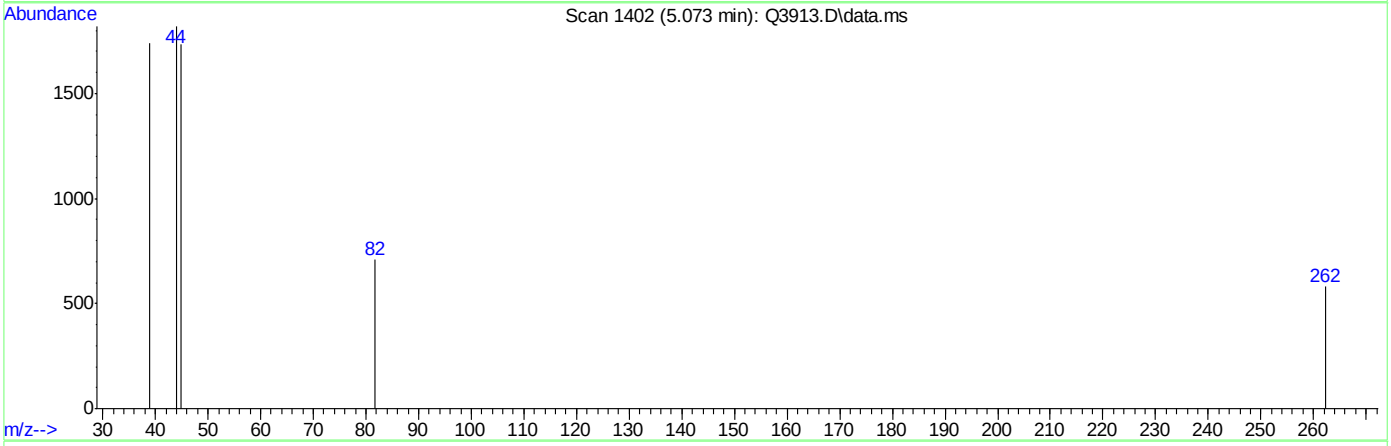
Quantitation Report (Qedit)

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

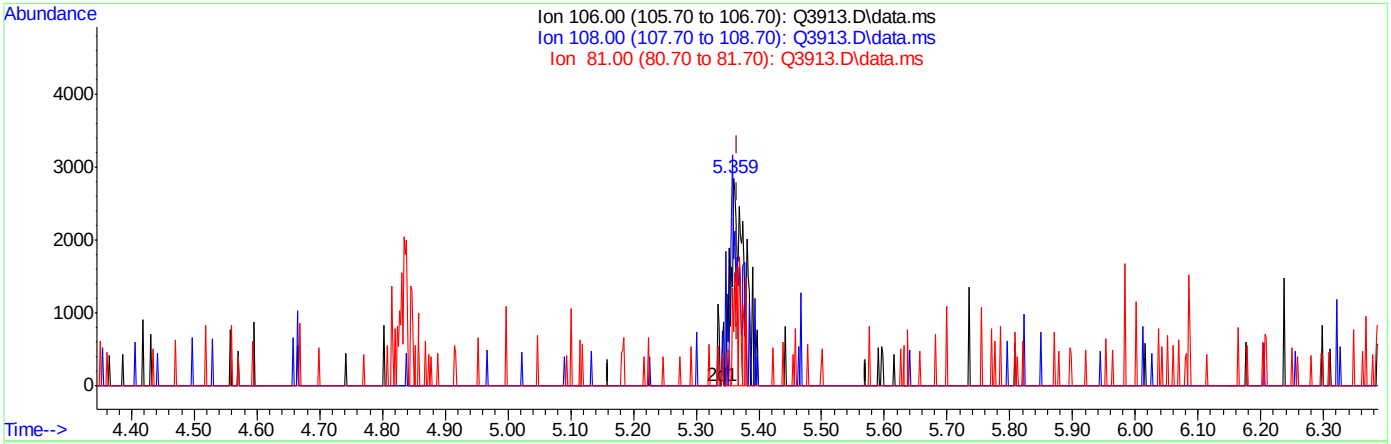
response 2181

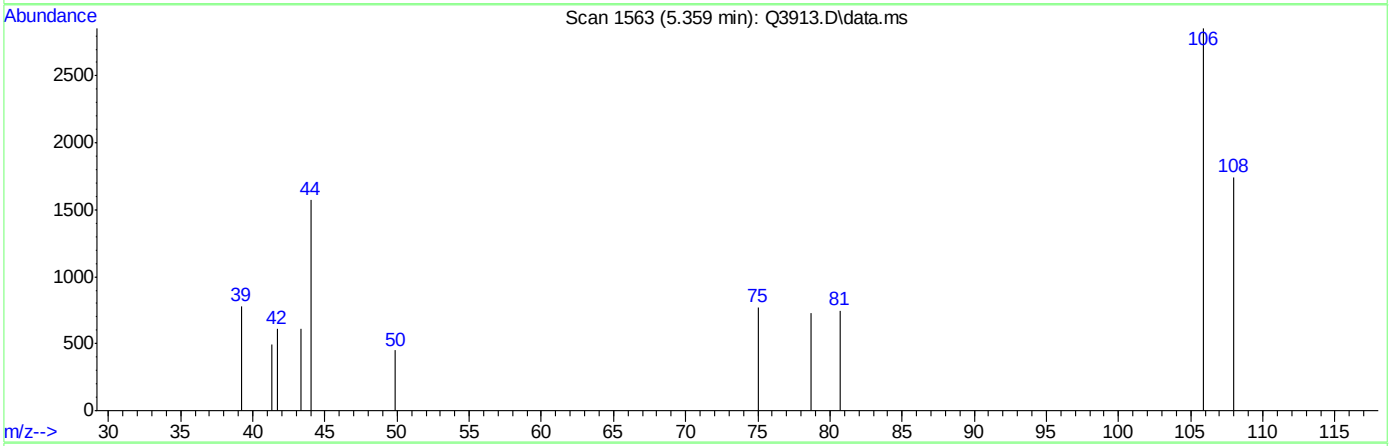
Ion	Exp%	Act%
45.00	100	100
46.00	34.70	7.79#
42.00	8.40	0.00
0.00	0.00	0.00

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

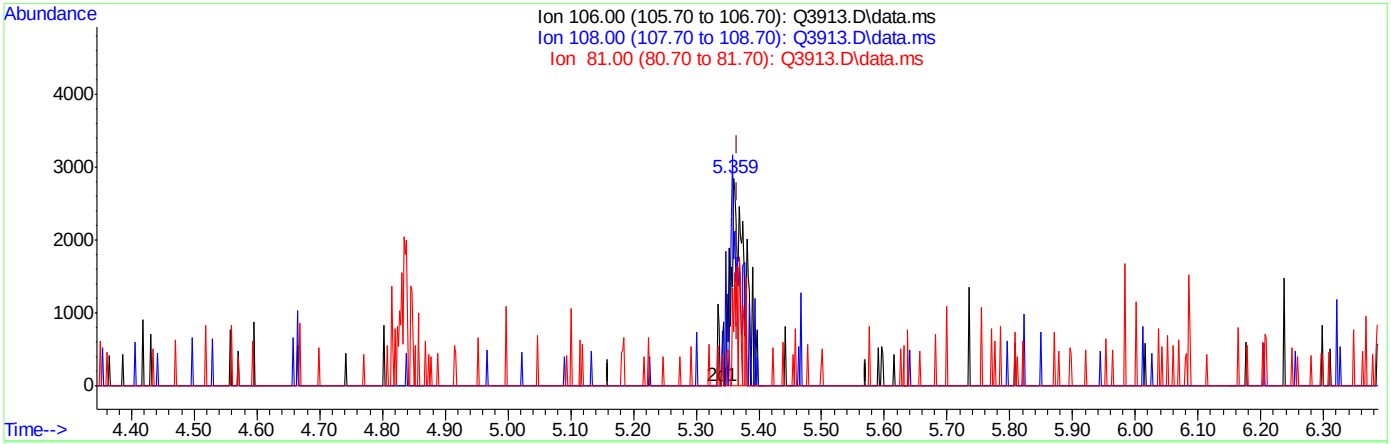
response 4005

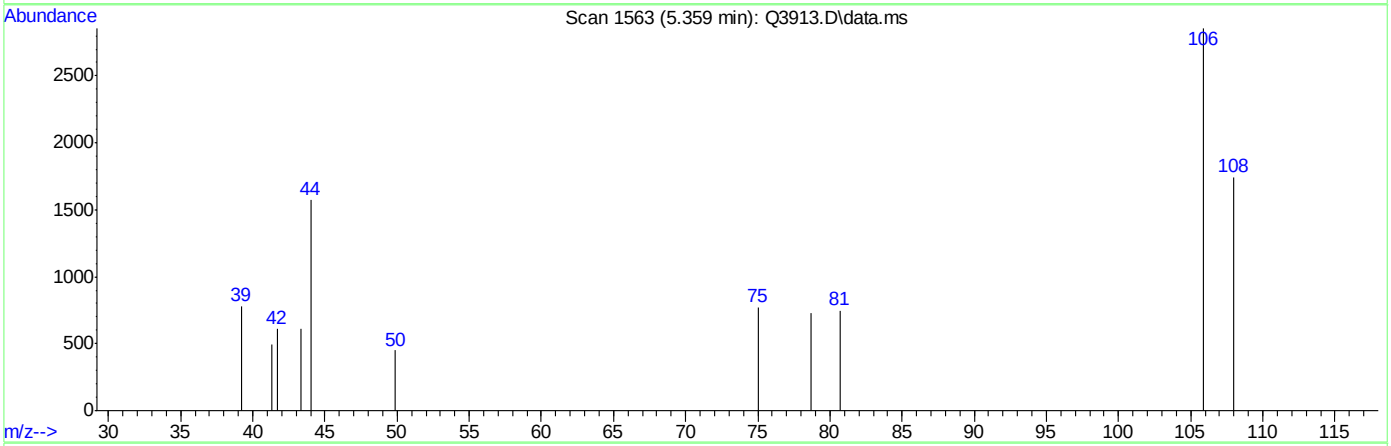
Ion	Exp%	Act%
106.00	100	100
108.00	94.00	60.02#
81.00	16.80	20.12
0.00	0.00	0.00

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

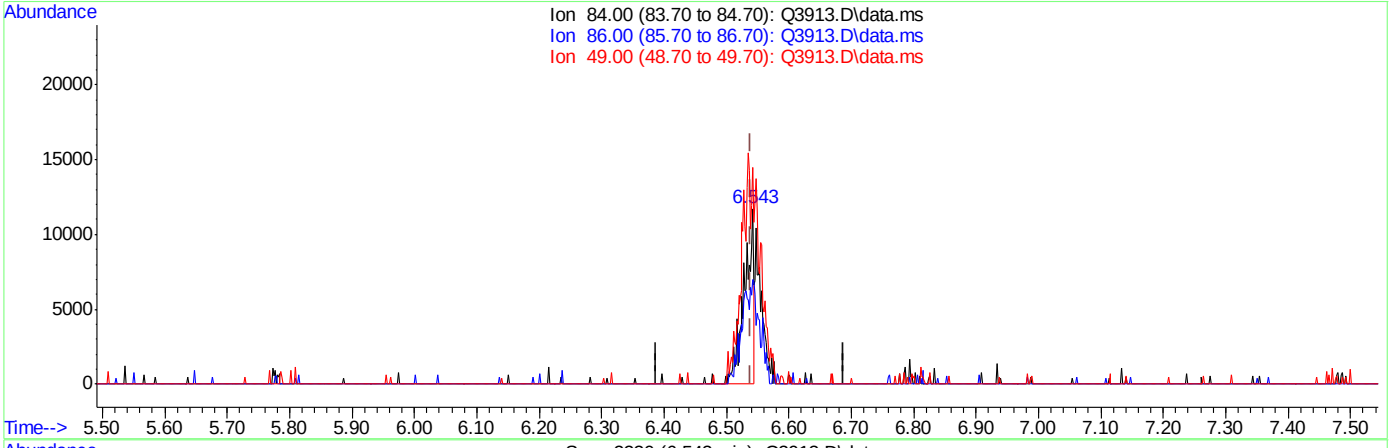
response 4734

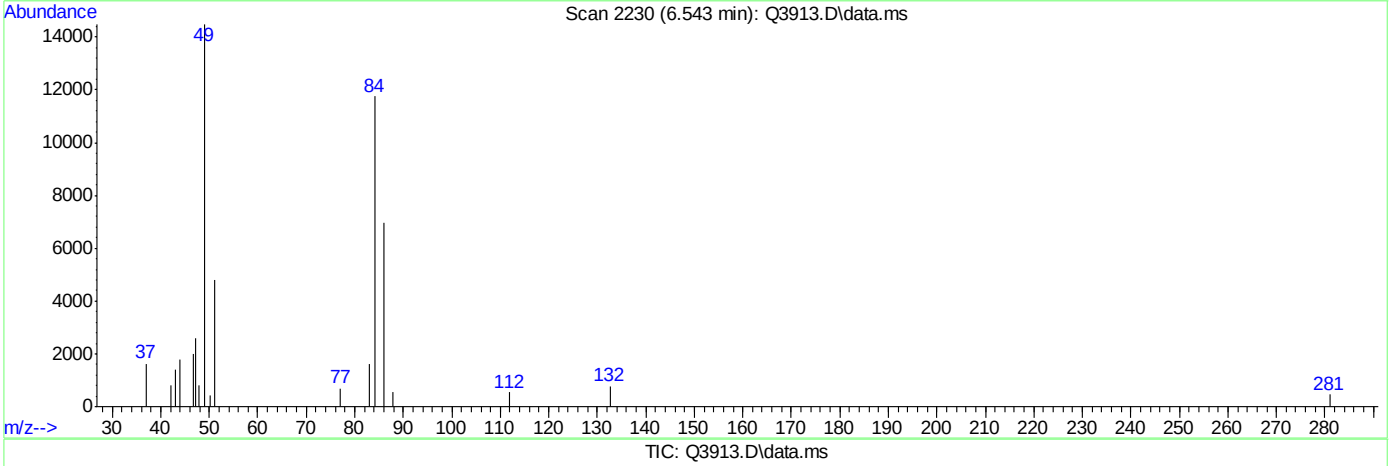
Ion	Exp%	Act%
106.00	100	100
108.00	94.00	50.78#
81.00	16.80	17.03
0.00	0.00	0.00

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

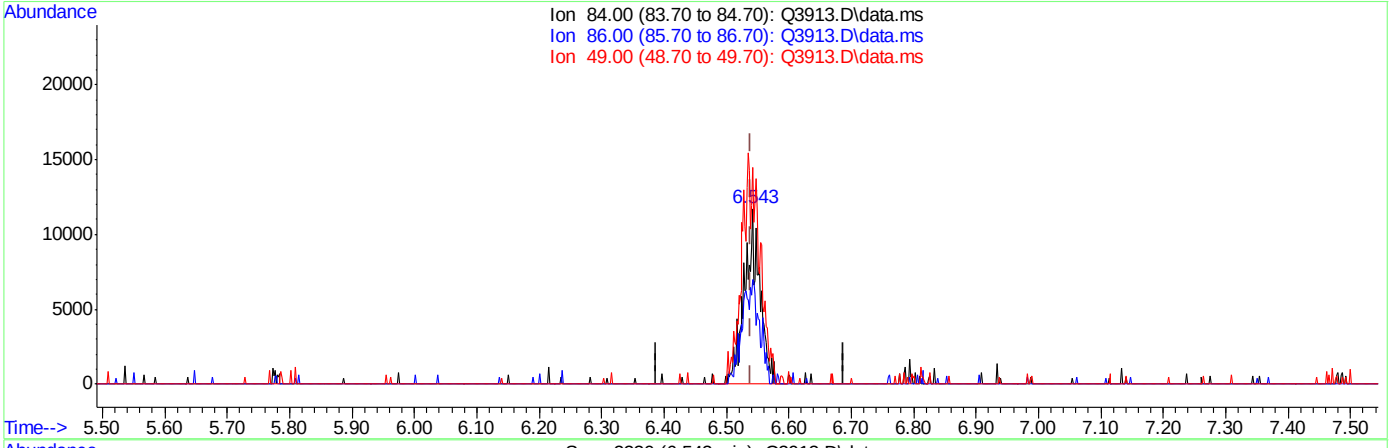
response 12276

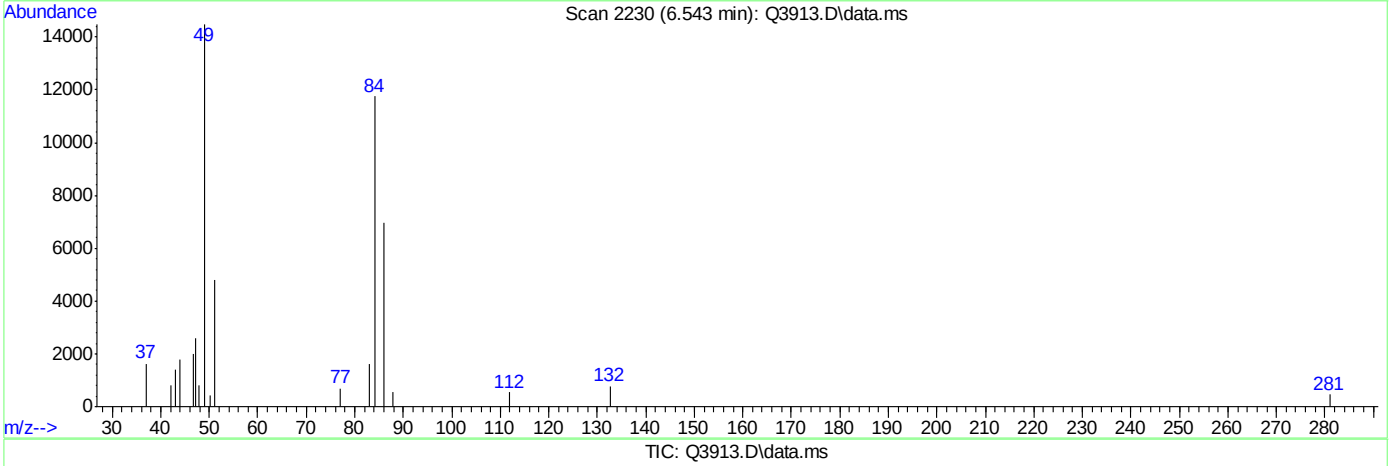
Ion	Exp%	Act%
84.00	100	100
86.00	64.10	52.96
49.00	172.30	254.78
0.00	0.00	0.00

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

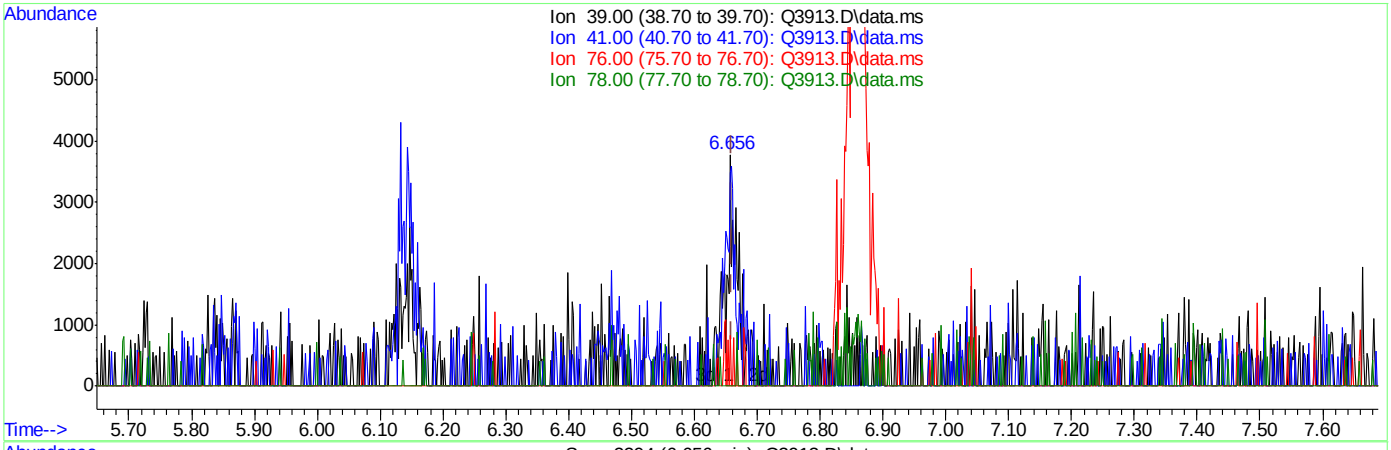
response 20126

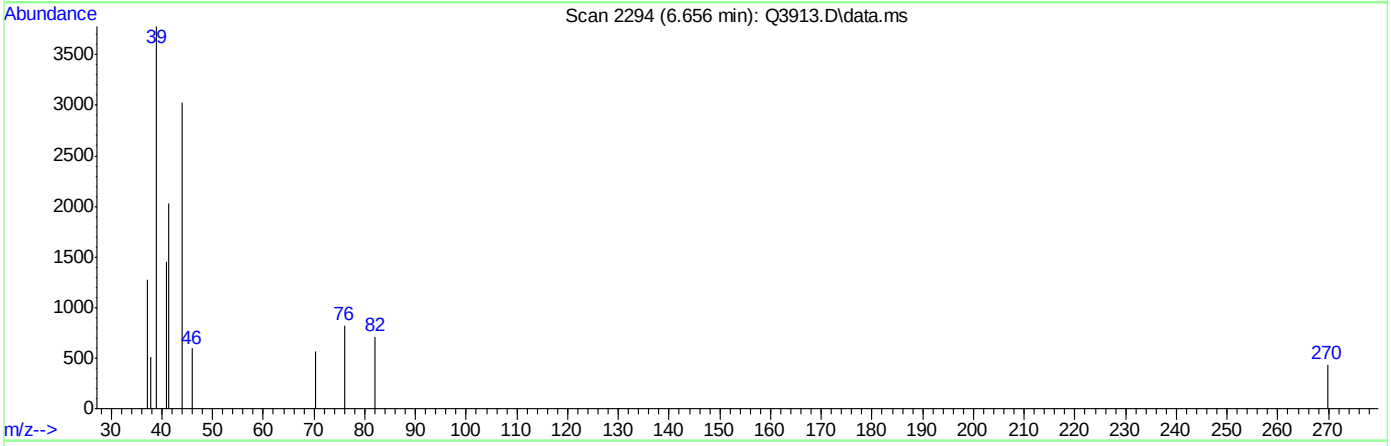
Ion	Exp%	Act%
84.00	100	100
86.00	64.10	32.30#
49.00	172.30	155.41
0.00	0.00	0.00

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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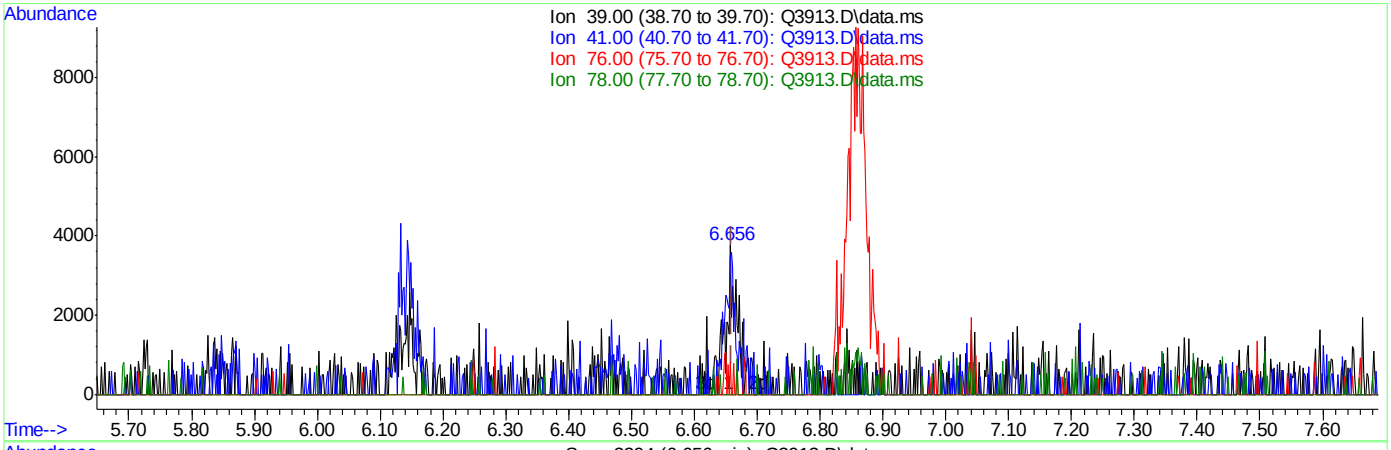
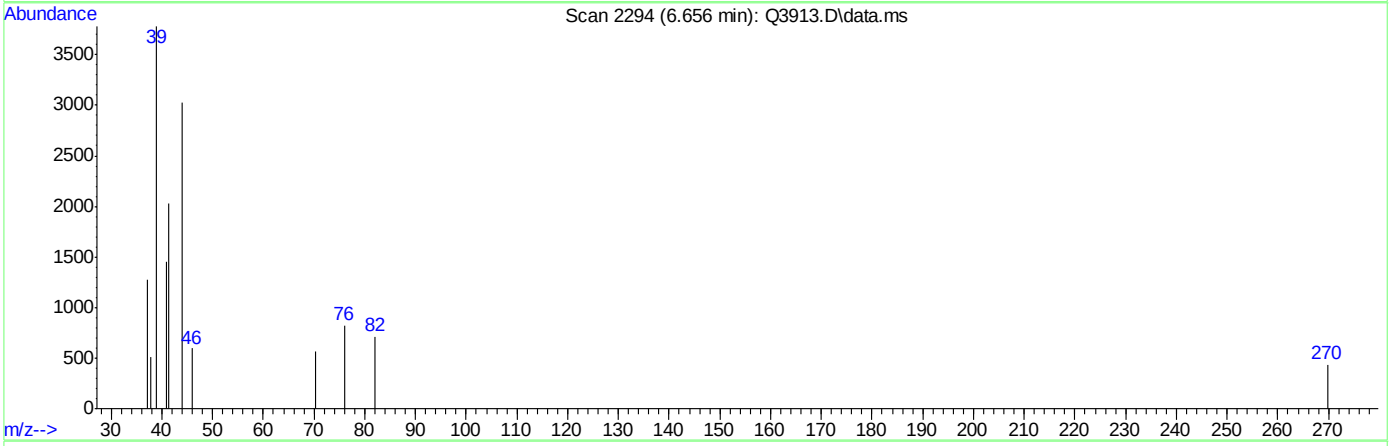
Quantitation Report (Qedit)

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

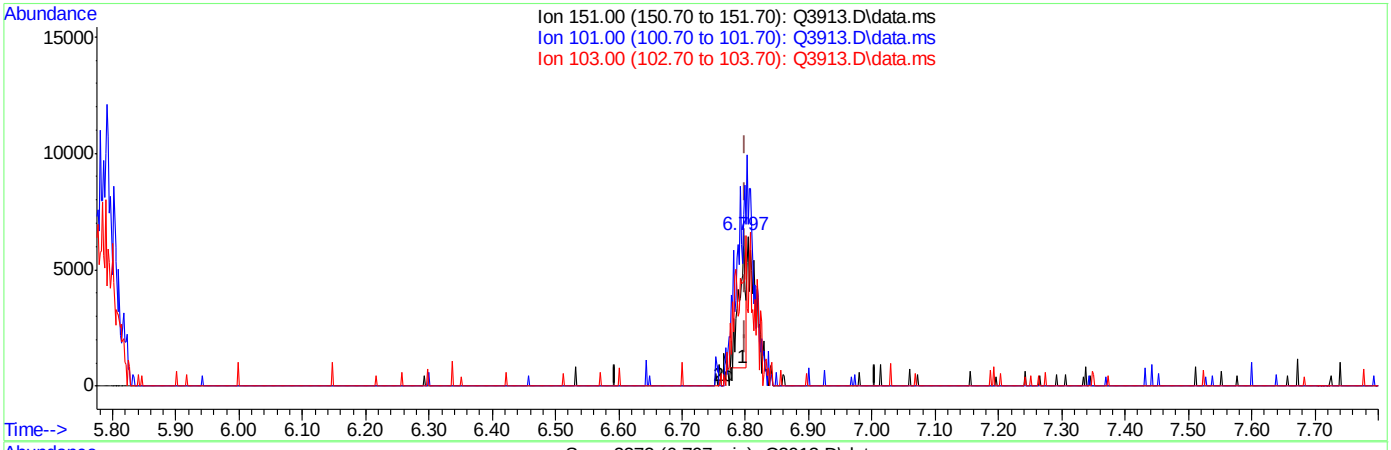
Ion	Exp%	Act%
39.00	100	100
41.00	130.80	80.82#
76.00	38.00	10.09#
78.00	12.20	0.00

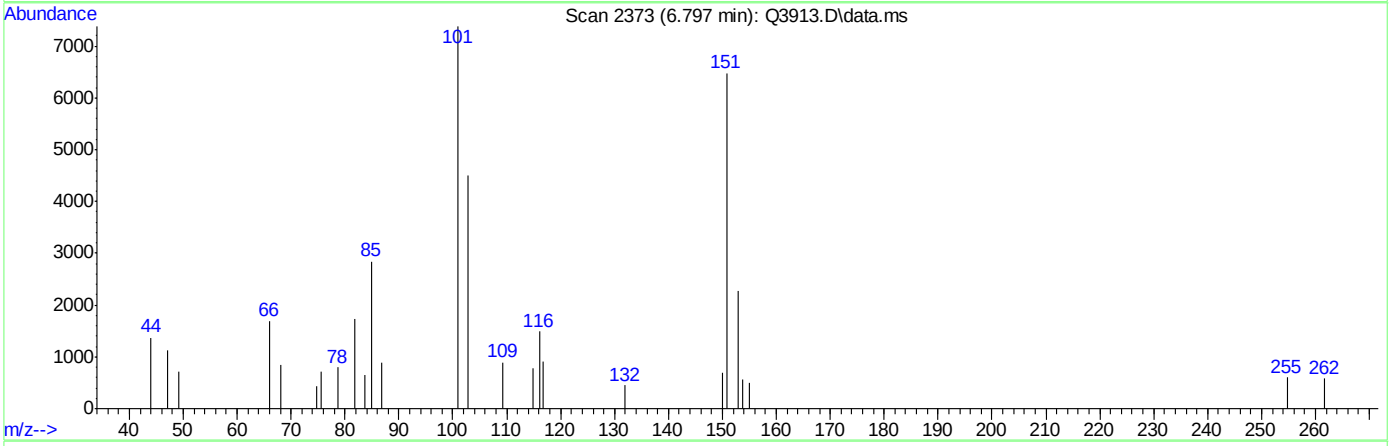
ACCUTEST Laboratories M68147

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

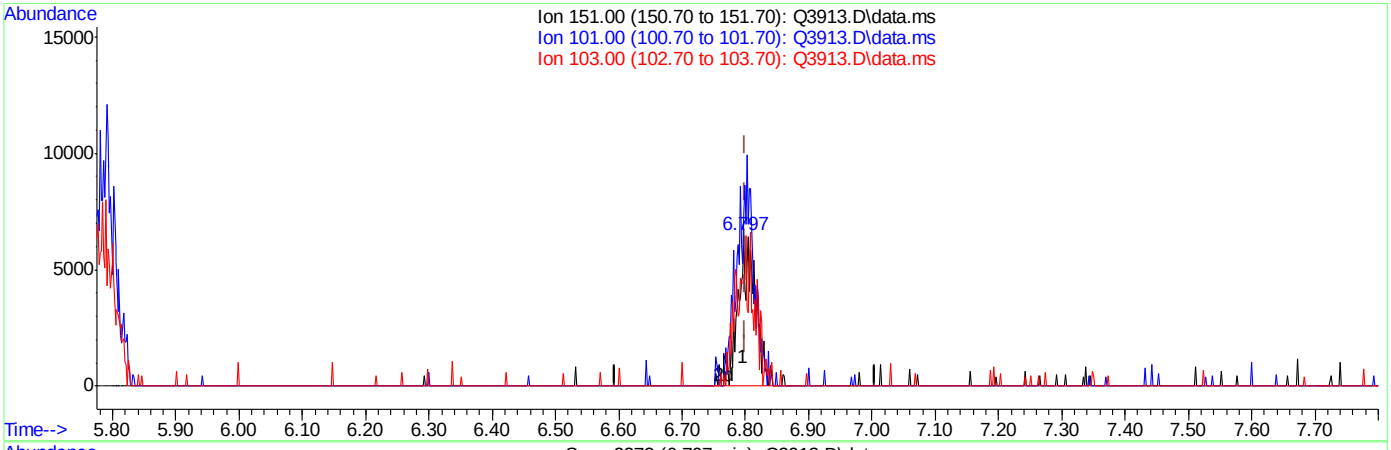
response 4017

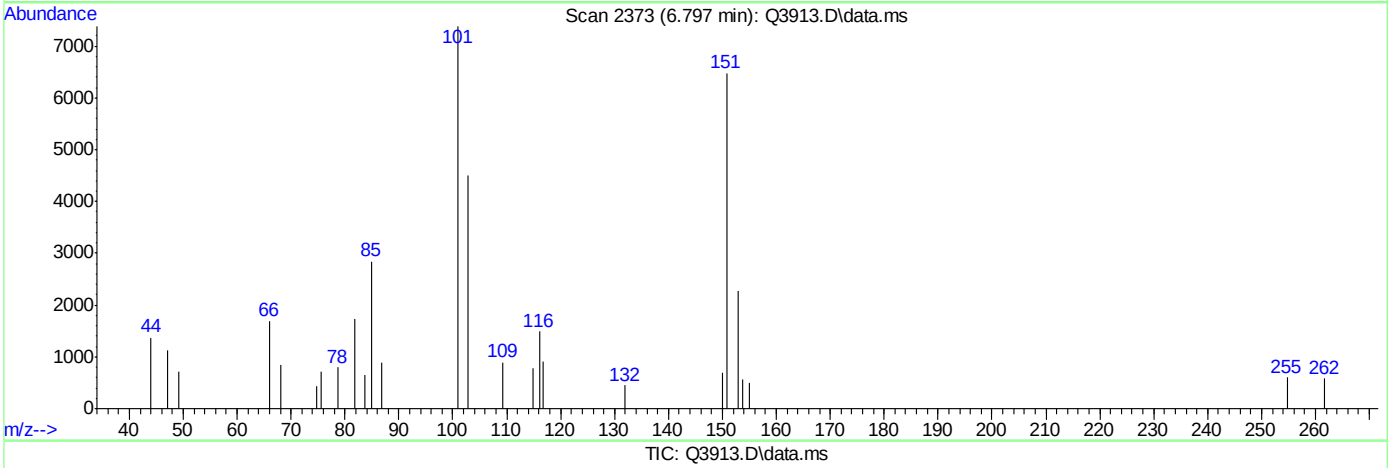
Ion	Exp%	Act%
151.00	100	100
101.00	130.10	433.76#
103.00	83.00	41.18#
0.00	0.00	0.00

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

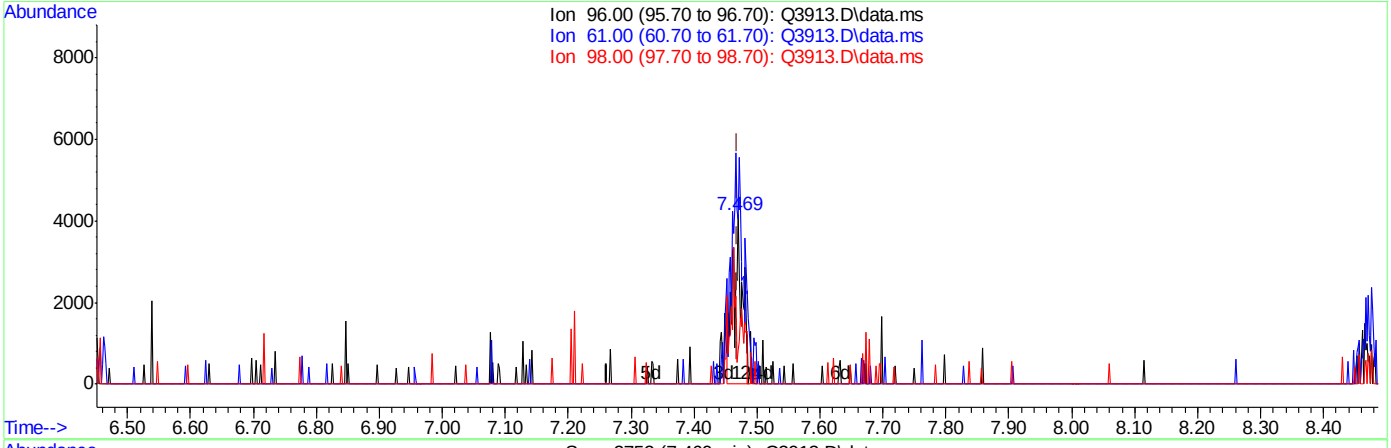
response 12552

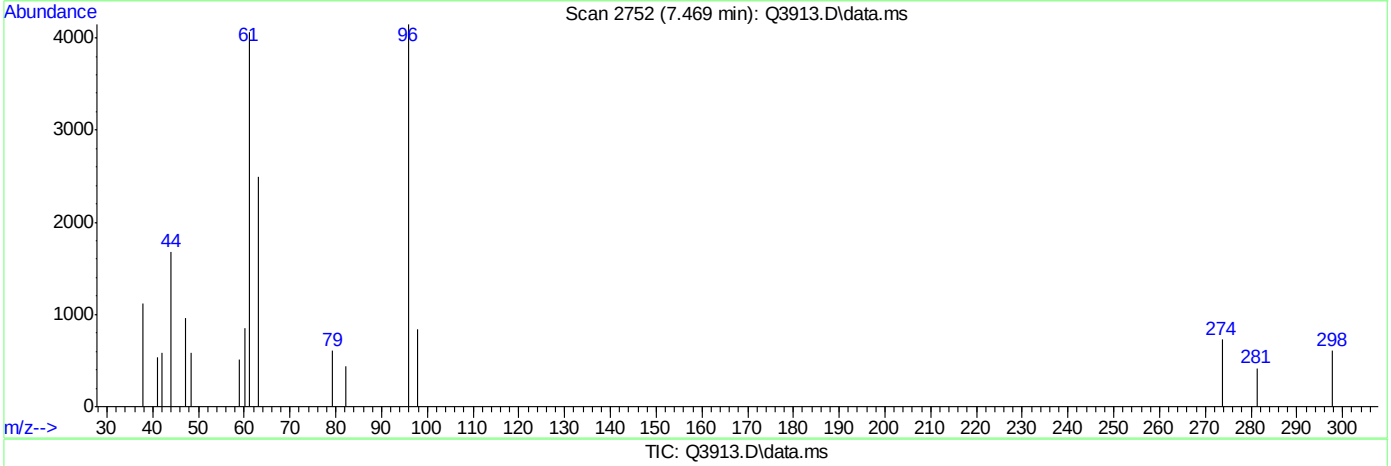
Ion	Exp%	Act%
151.00	100	100
101.00	130.10	138.81
103.00	83.00	13.18#
0.00	0.00	0.00

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

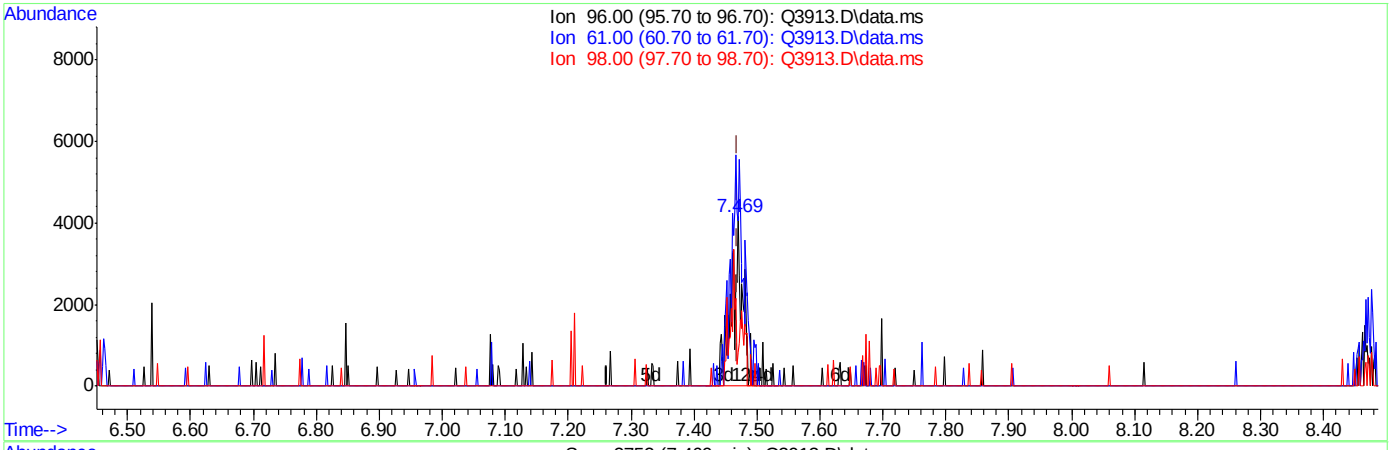
response 4311

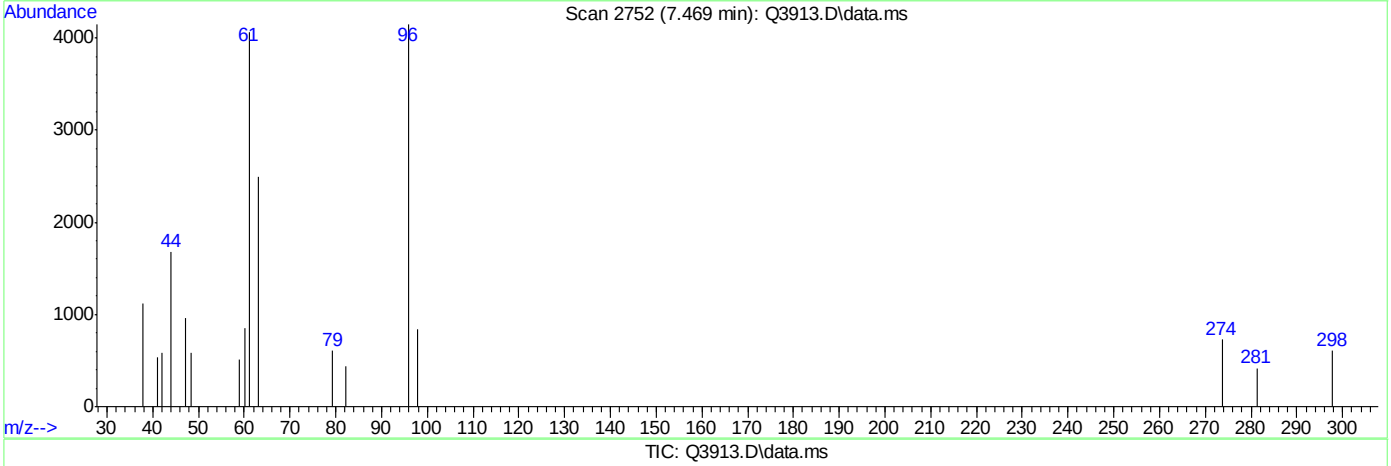
Ion	Exp%	Act%
96.00	100	100
61.00	181.00	181.72
98.00	63.30	45.74
0.00	0.00	0.00

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

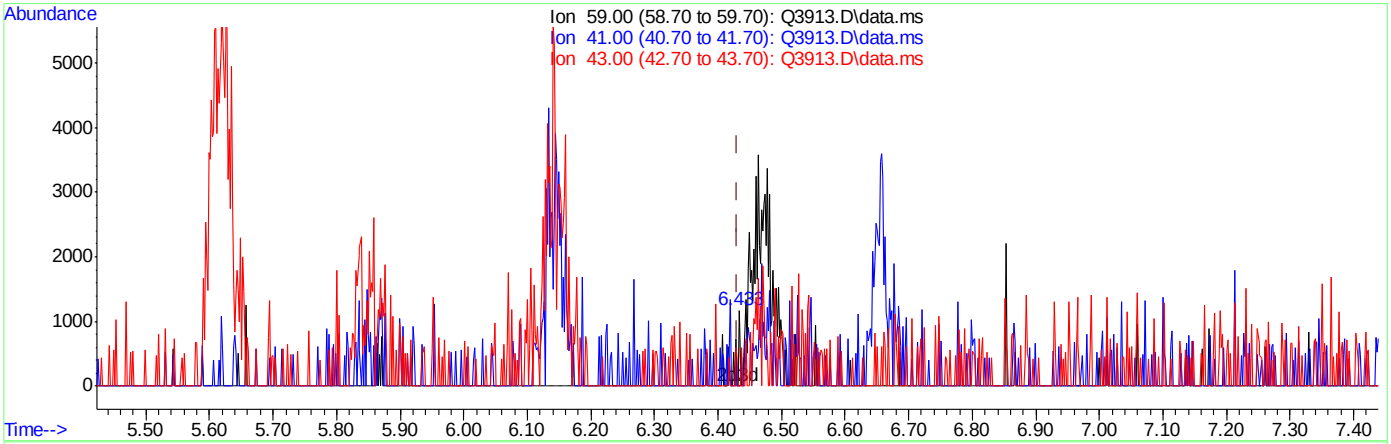
Ion	Exp%	Act%
96.00	100	100
61.00	181.00	142.02#
98.00	63.30	35.75#
0.00	0.00	0.00

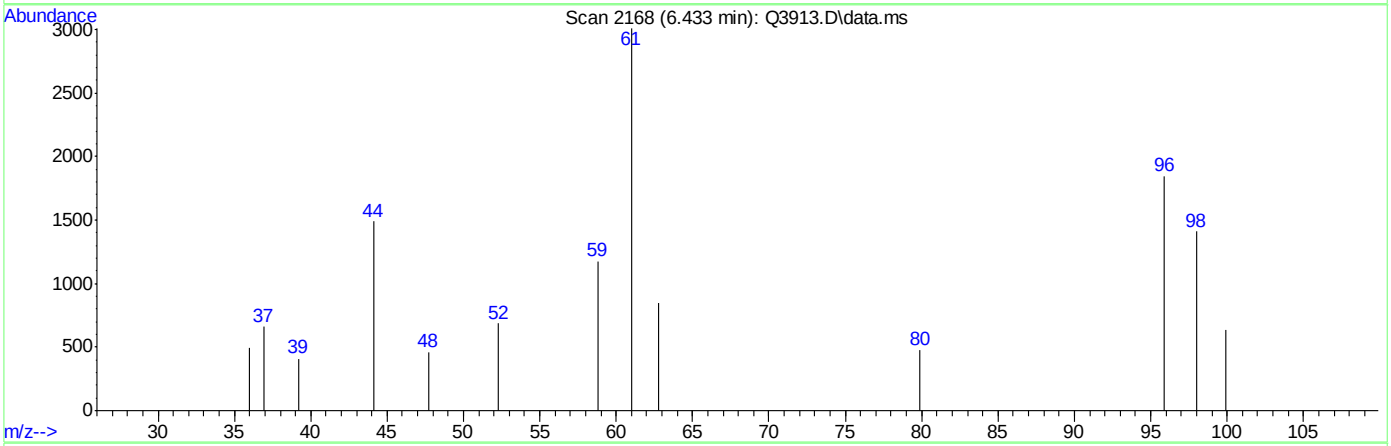
ACCUTEST Laboratories M68147

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)

6.433min (+0.002) 0.01PPBV

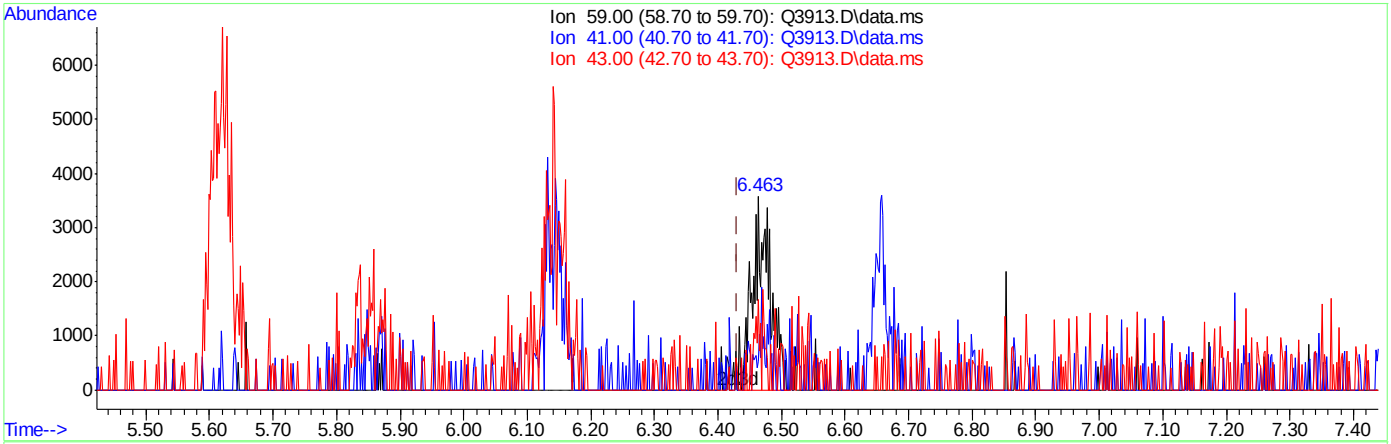
response 247

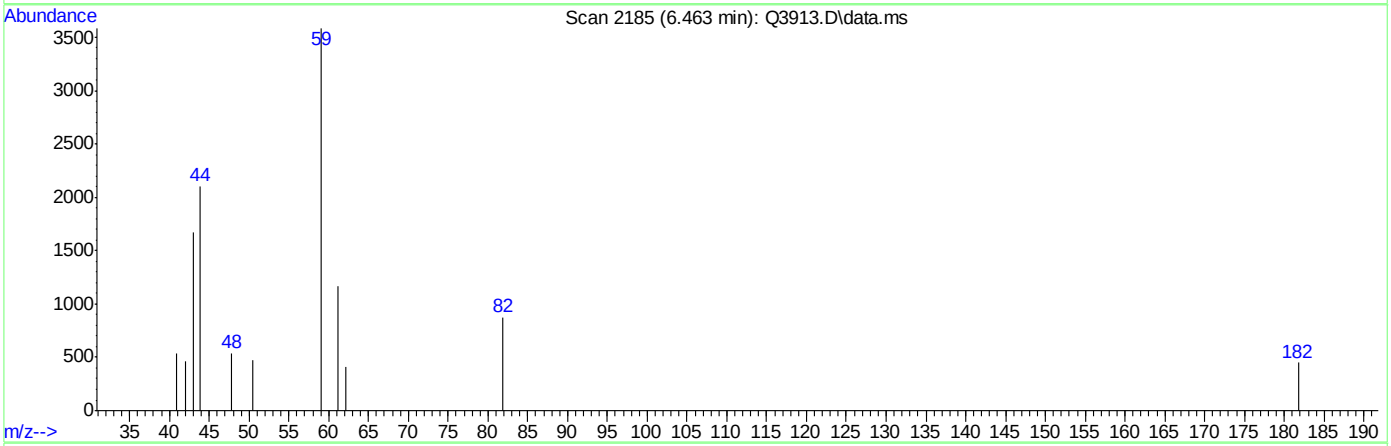
Ion	Exp%	Act%
59.00	100	100
41.00	16.40	0.00
43.00	13.40	25.91
0.00	0.00	0.00

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

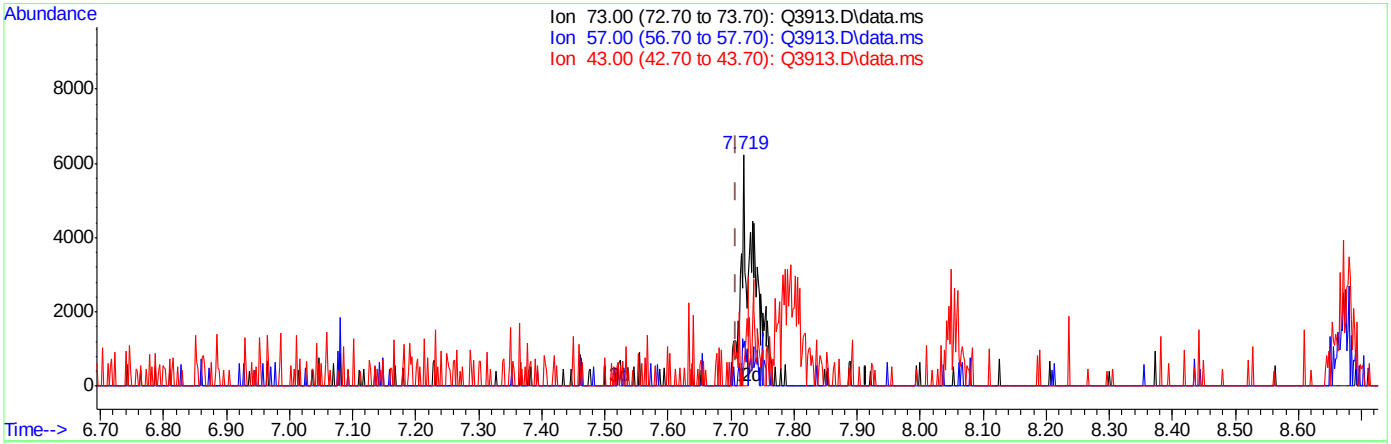
response 6717

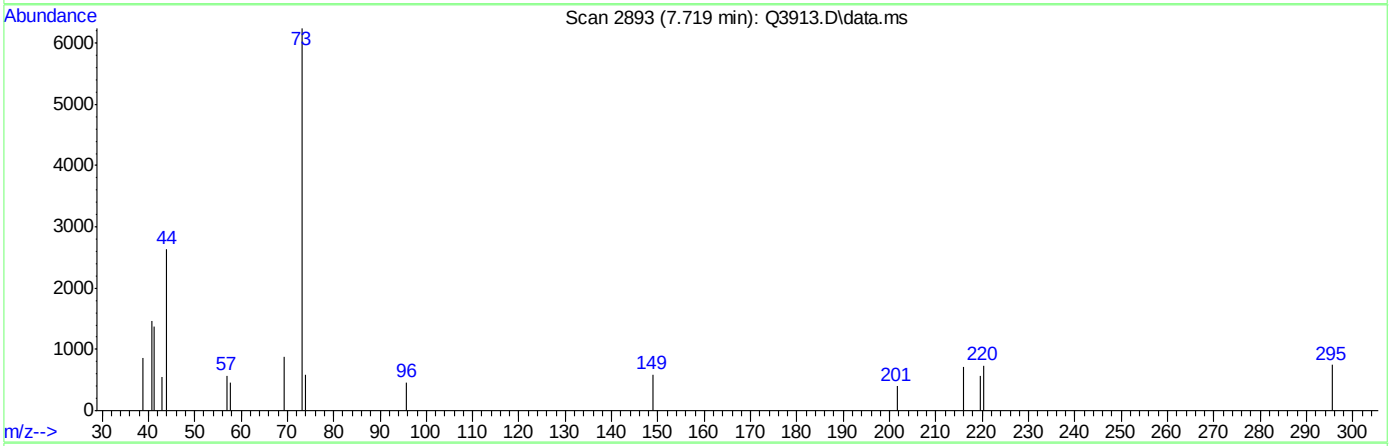
Ion	Exp%	Act%
59.00	100	100
41.00	16.40	0.00
43.00	13.40	0.95
0.00	0.00	0.00

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

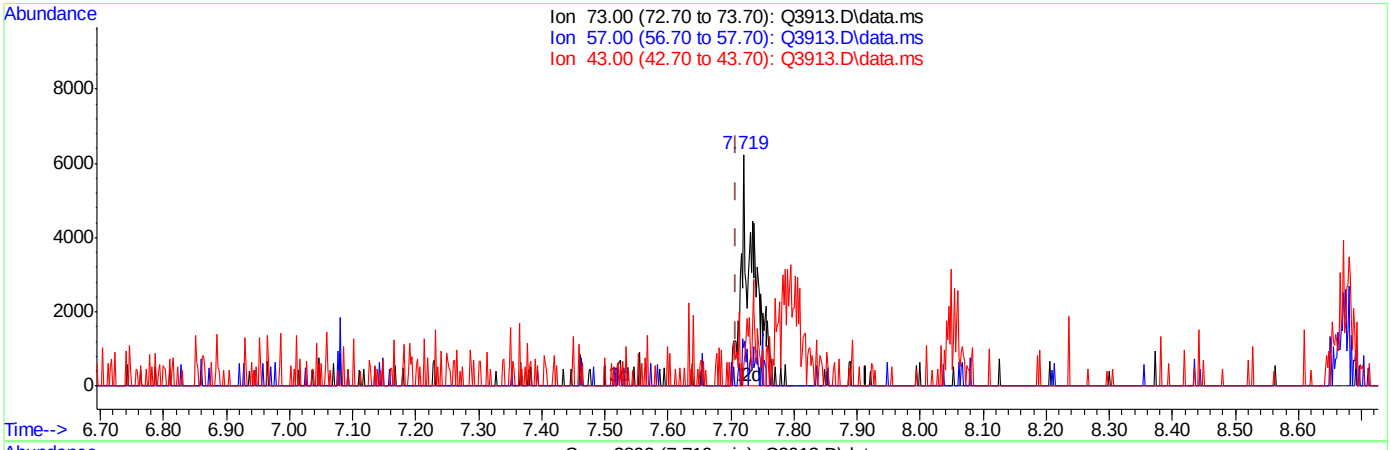
response 3713

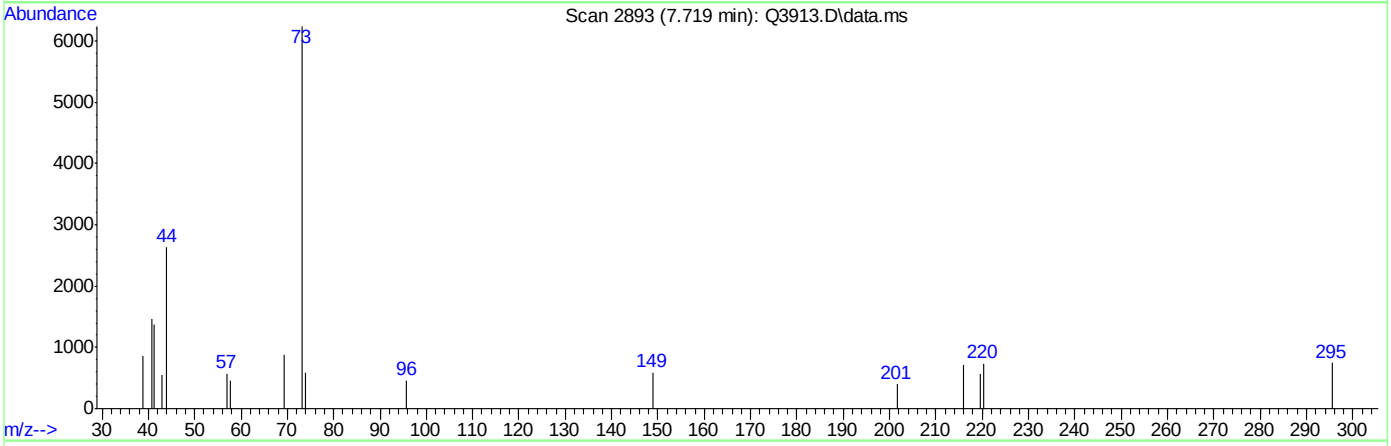
Ion	Exp%	Act%
73.00	100	100
57.00	26.00	17.88
43.00	25.90	24.43
0.00	0.00	0.00

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

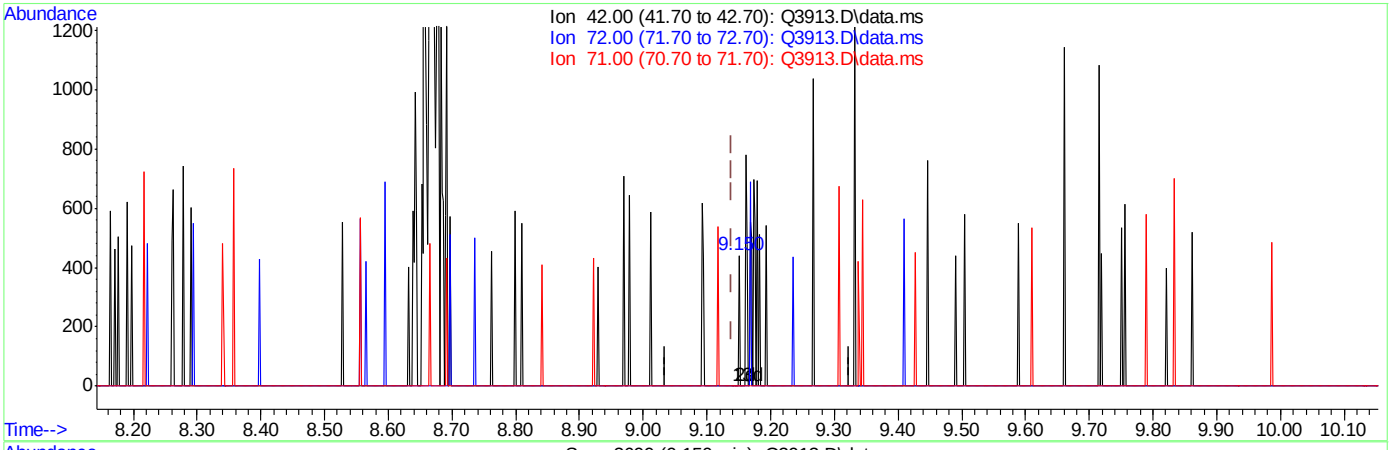
response 9188

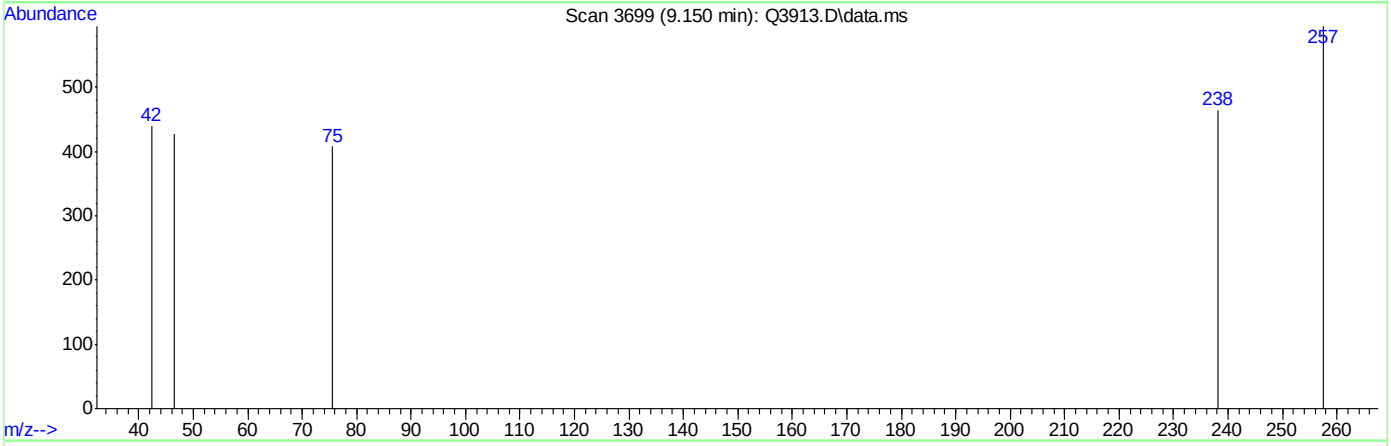
Ion	Exp%	Act%
73.00	100	100
57.00	26.00	7.23
43.00	25.90	9.87
0.00	0.00	0.00

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

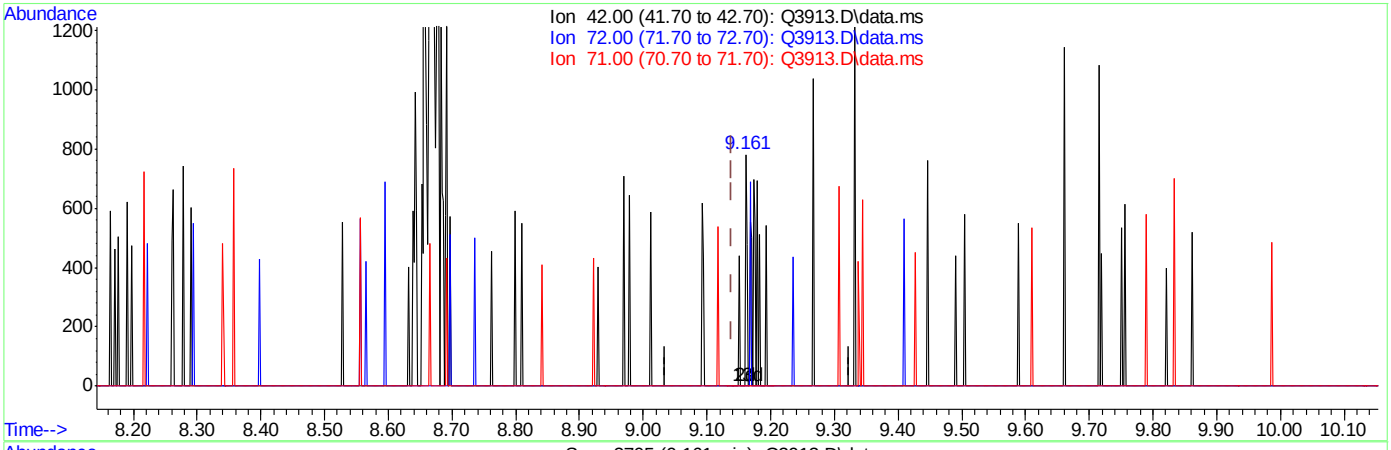
response 47

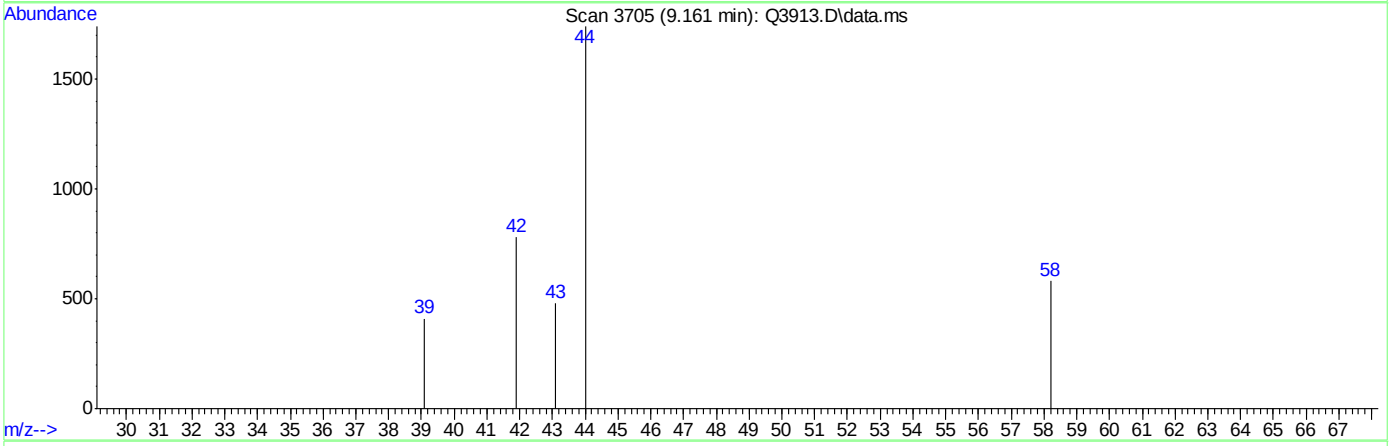
Ion	Exp%	Act%
42.00	100	100
72.00	28.70	0.00#
71.00	27.60	0.00#
0.00	0.00	0.00

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

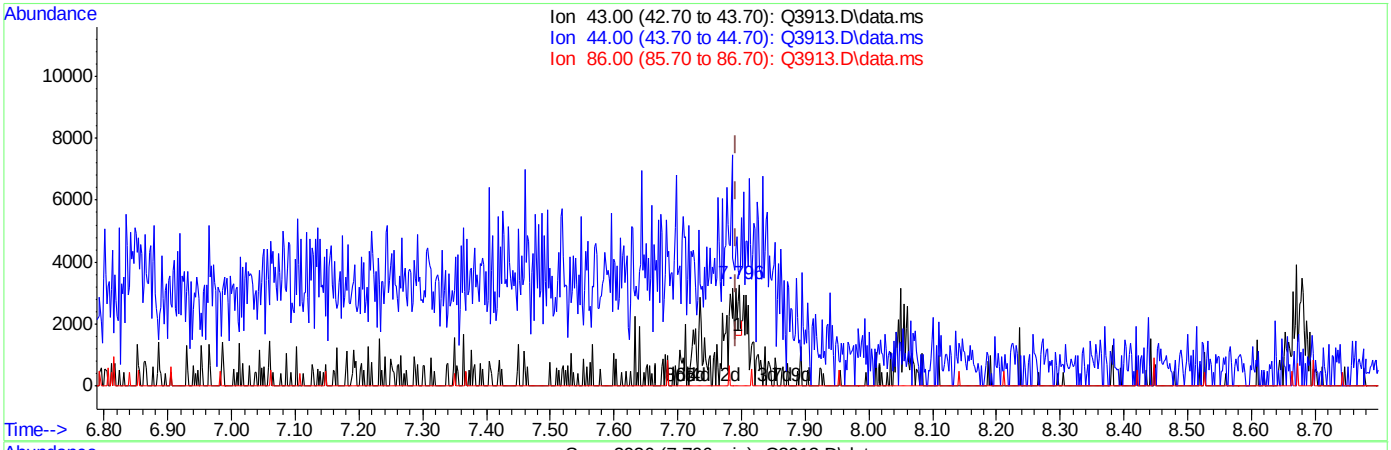
response 613

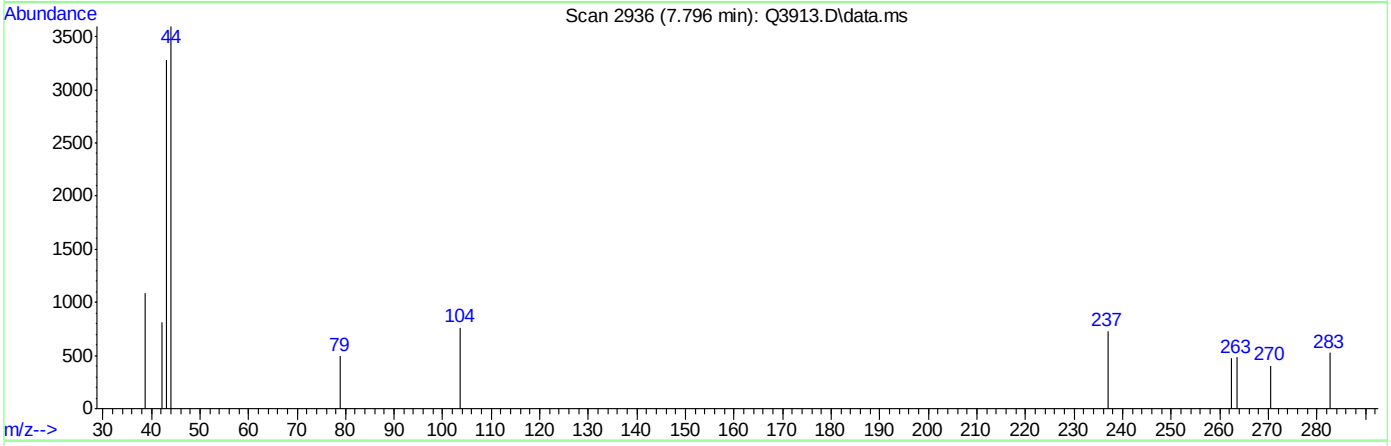
Ion	Exp%	Act%
42.00	100	100
72.00	28.70	0.00#
71.00	27.60	0.00#
0.00	0.00	0.00

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

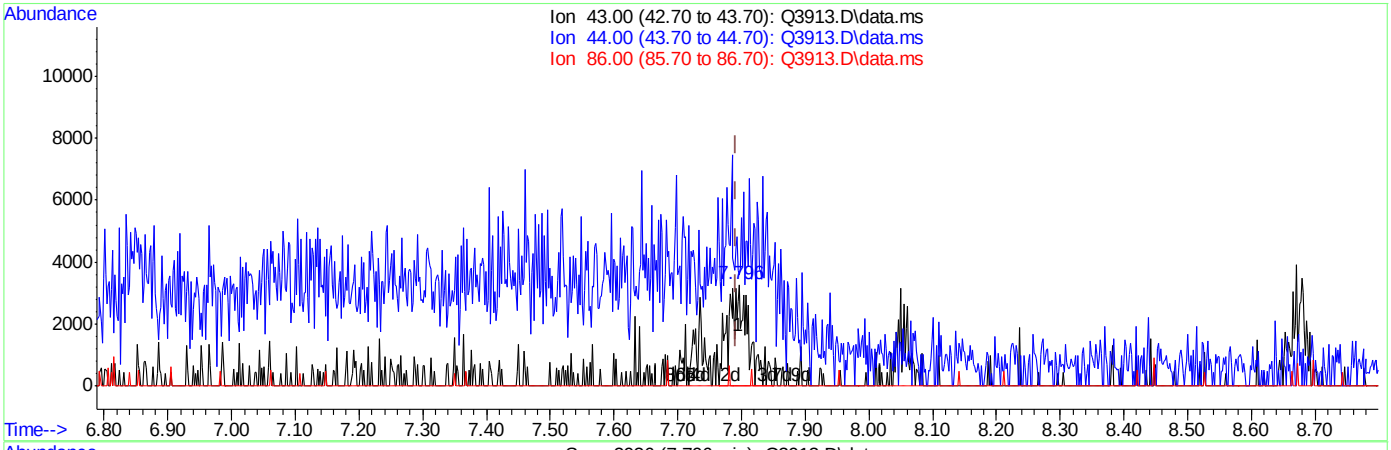
response 583

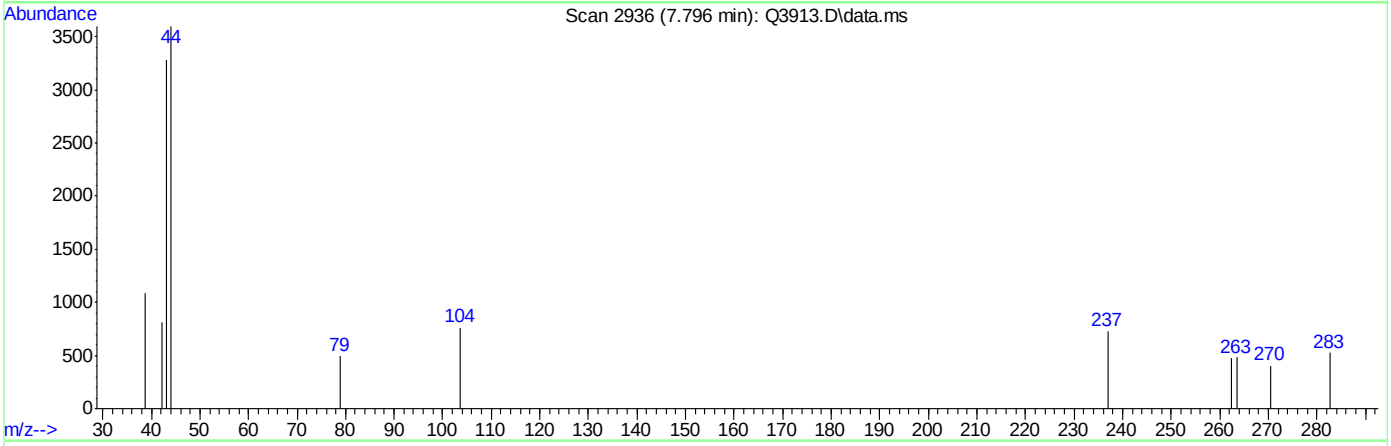
Ion	Exp%	Act%
43.00	100	100
44.00	4.80	128.99#
86.00	6.40	0.00
0.00	0.00	0.00

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

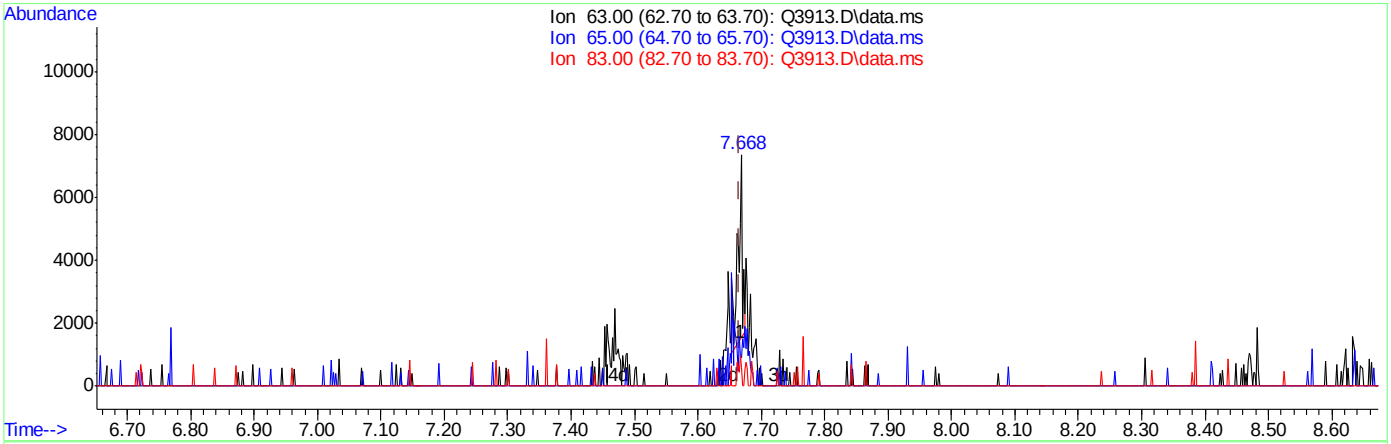
response 7169

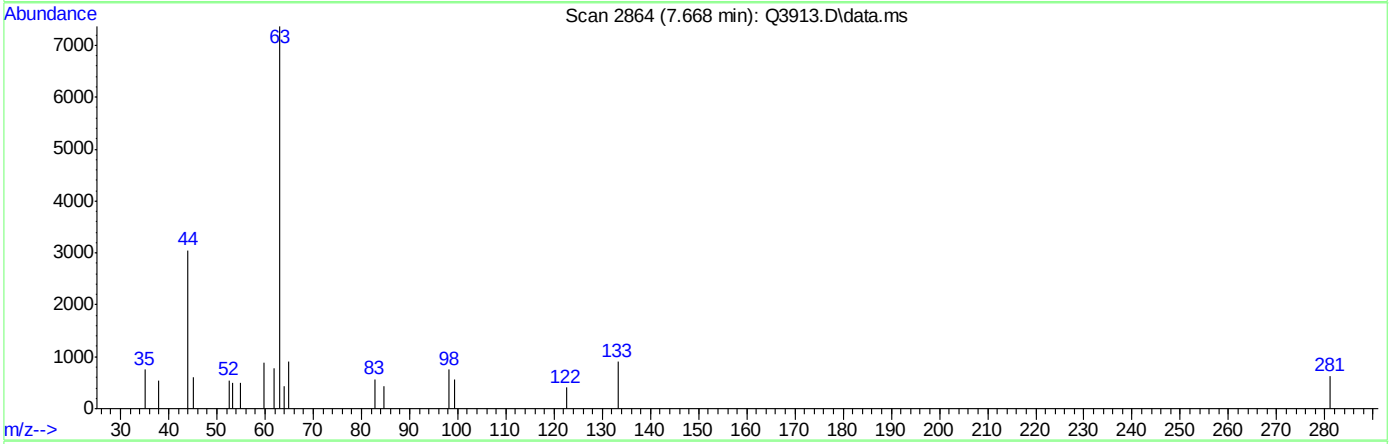
Ion	Exp%	Act%
43.00	100	100
44.00	4.80	10.49
86.00	6.40	0.00
0.00	0.00	0.00

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

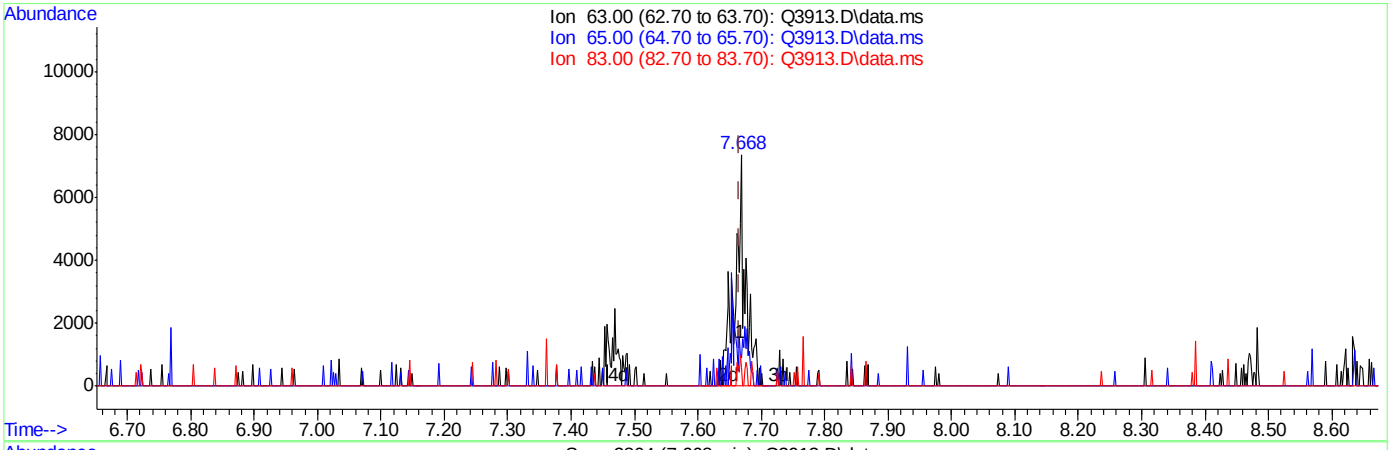
response 2833

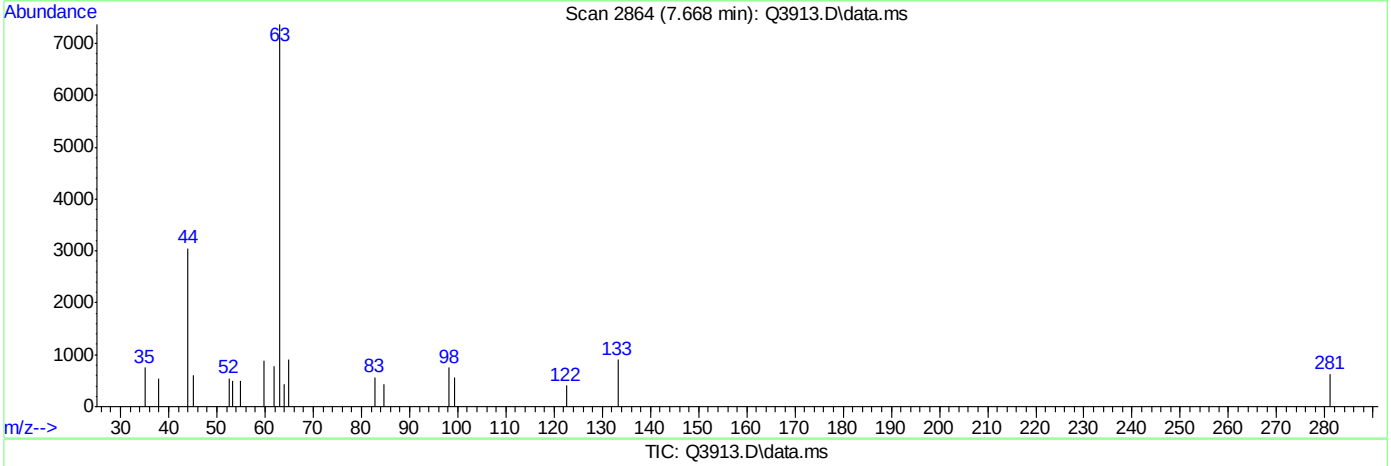
Ion	Exp%	Act%
63.00	100	100
65.00	30.50	0.00#
83.00	12.10	14.79
0.00	0.00	0.00

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

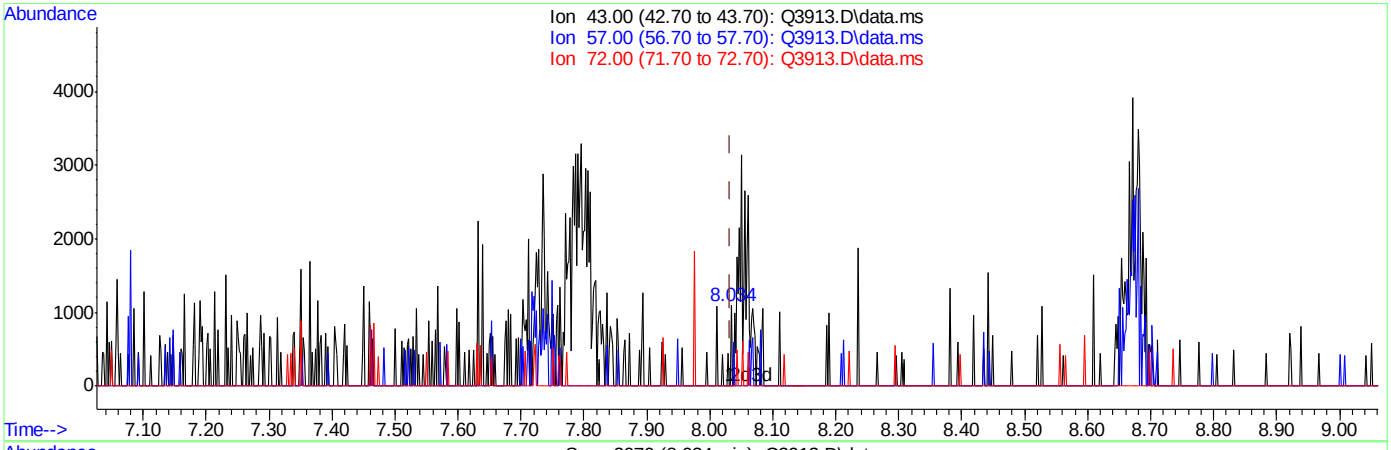
response 8363

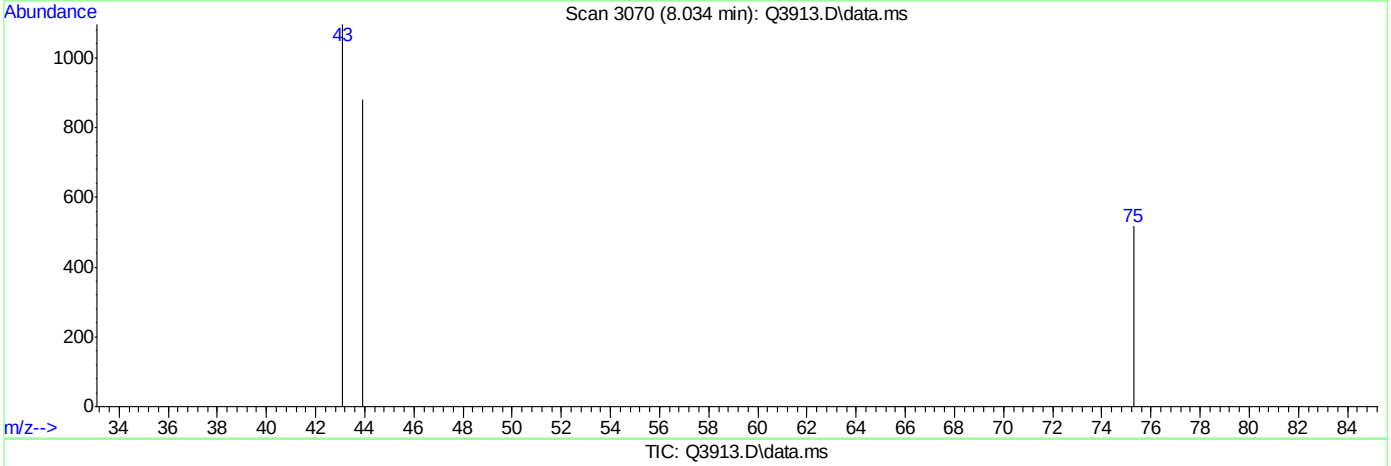
Ion	Exp%	Act%
63.00	100	100
65.00	30.50	0.00#
83.00	12.10	5.01
0.00	0.00	0.00

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

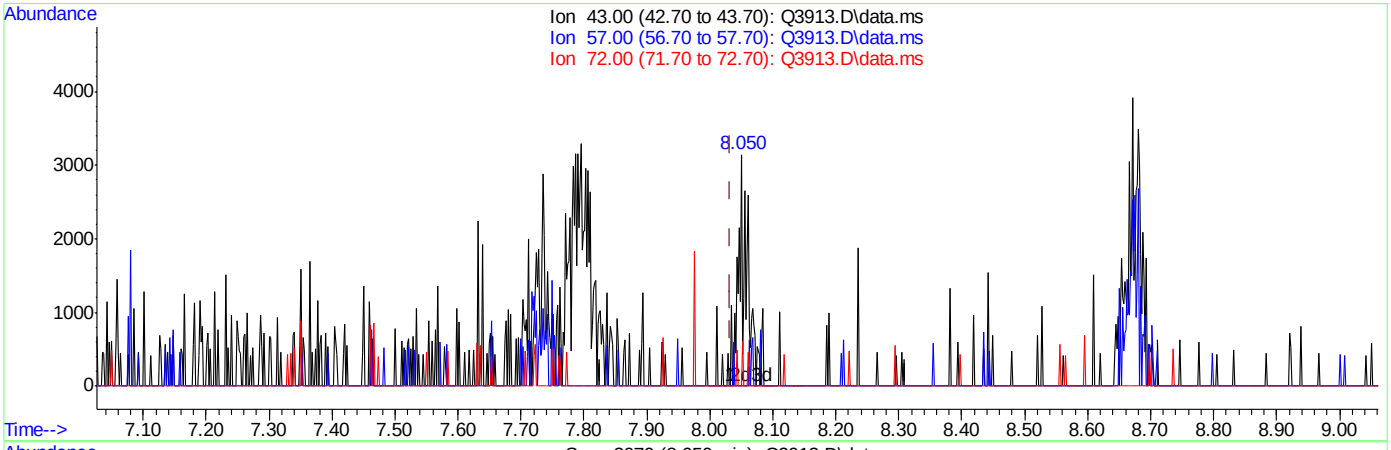
response 164

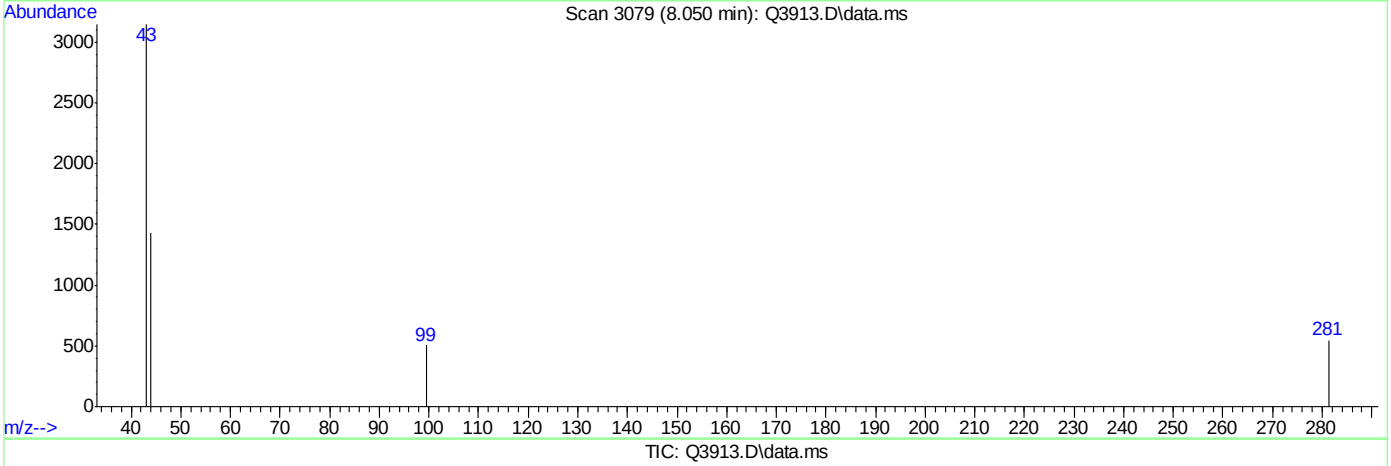
Ion	Exp%	Act%
43.00	100	100
57.00	7.70	0.00
72.00	14.60	0.00
0.00	0.00	0.00

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

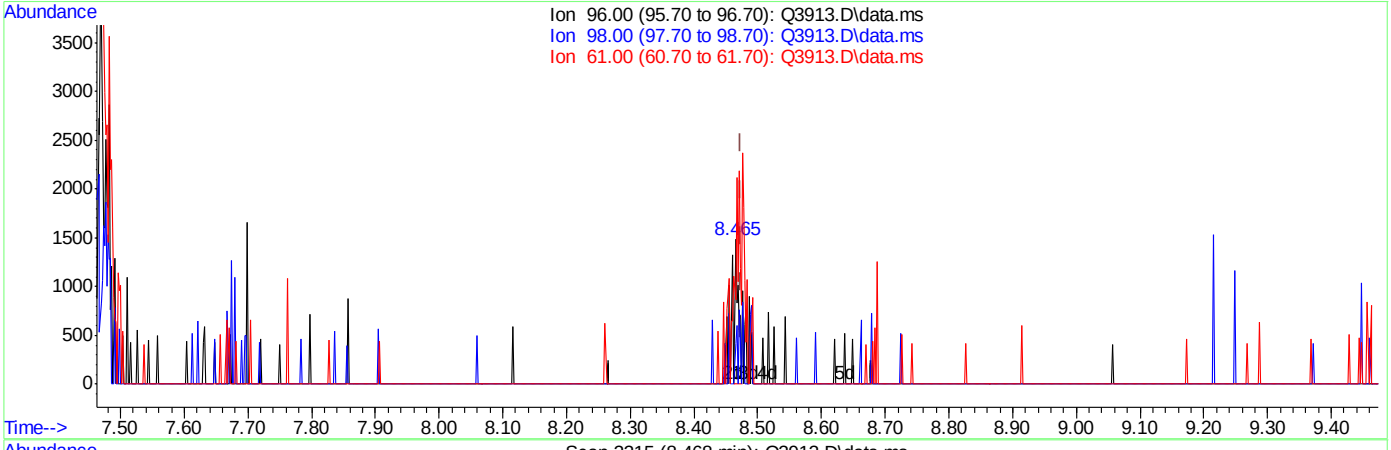
response 3354

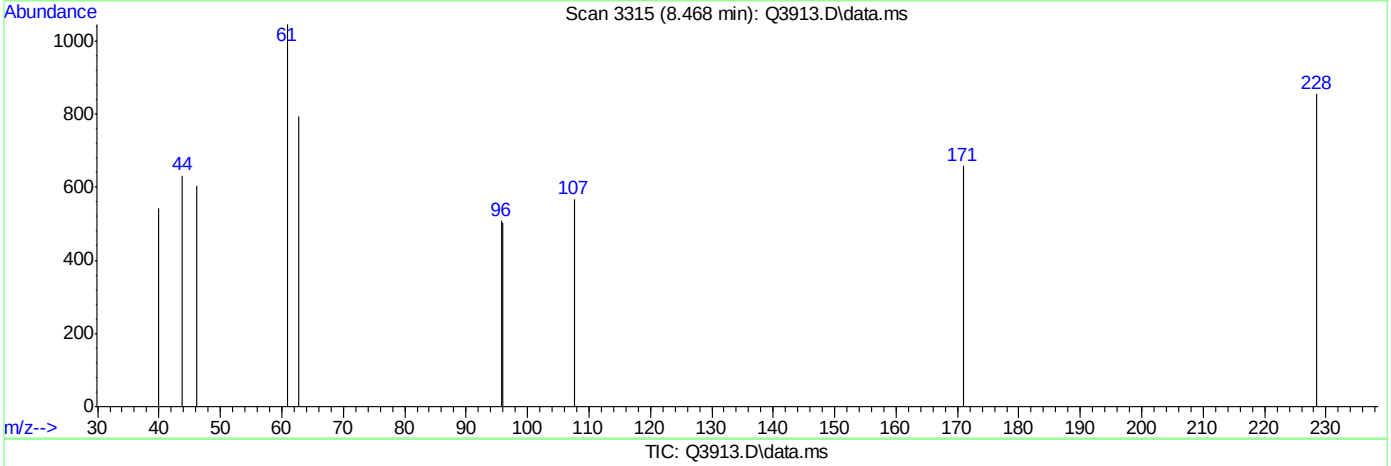
Ion	Exp%	Act%
43.00	100	100
57.00	7.70	0.00
72.00	14.60	0.00
0.00	0.00	0.00

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

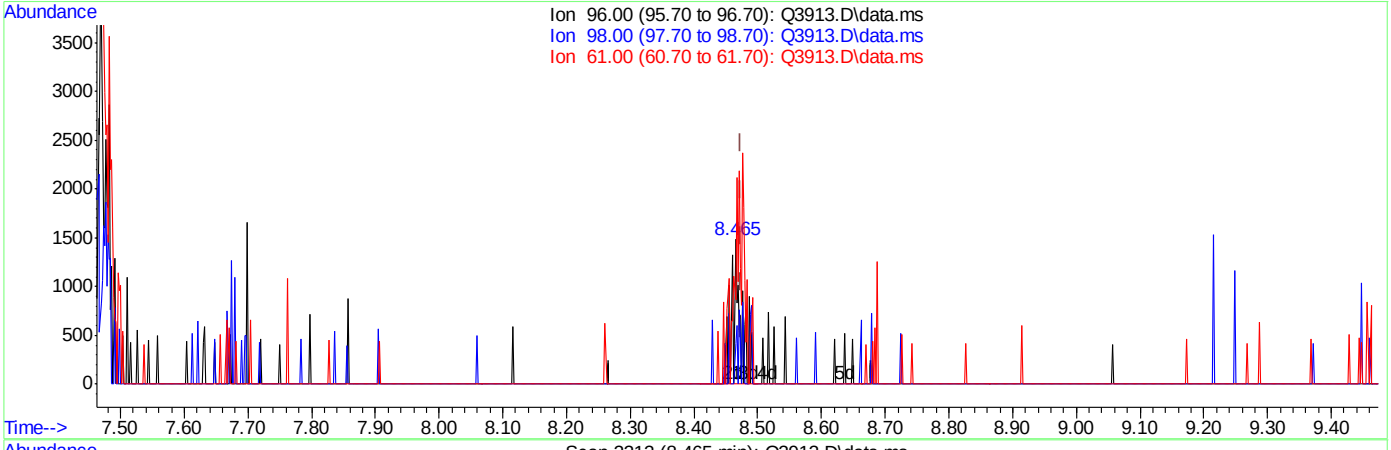
response 487

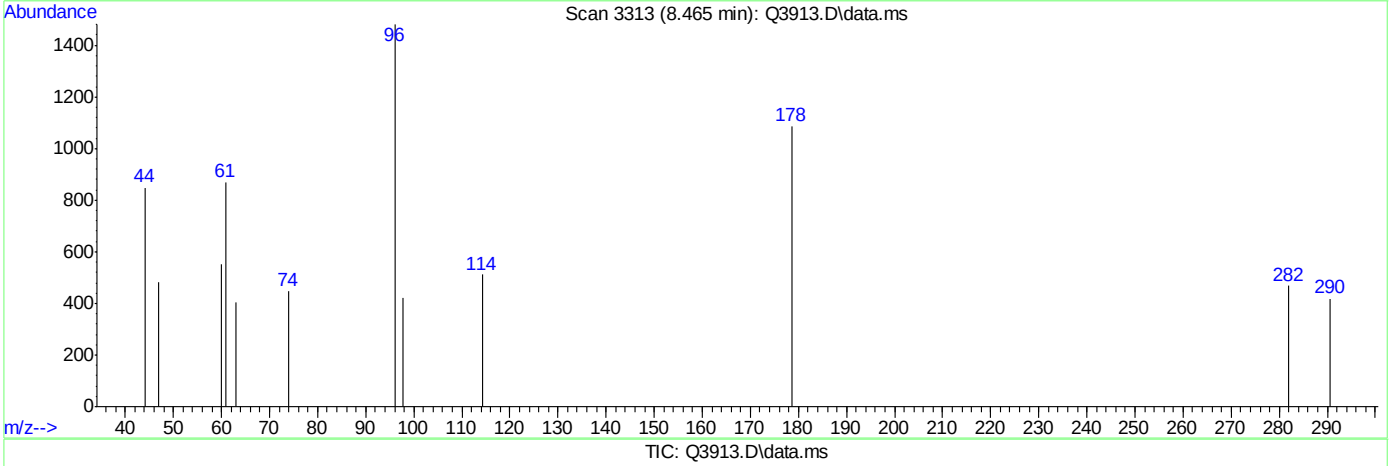
Ion	Exp%	Act%
96.00	100	100
98.00	63.40	76.18
61.00	186.90	440.45#
0.00	0.00	0.00

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

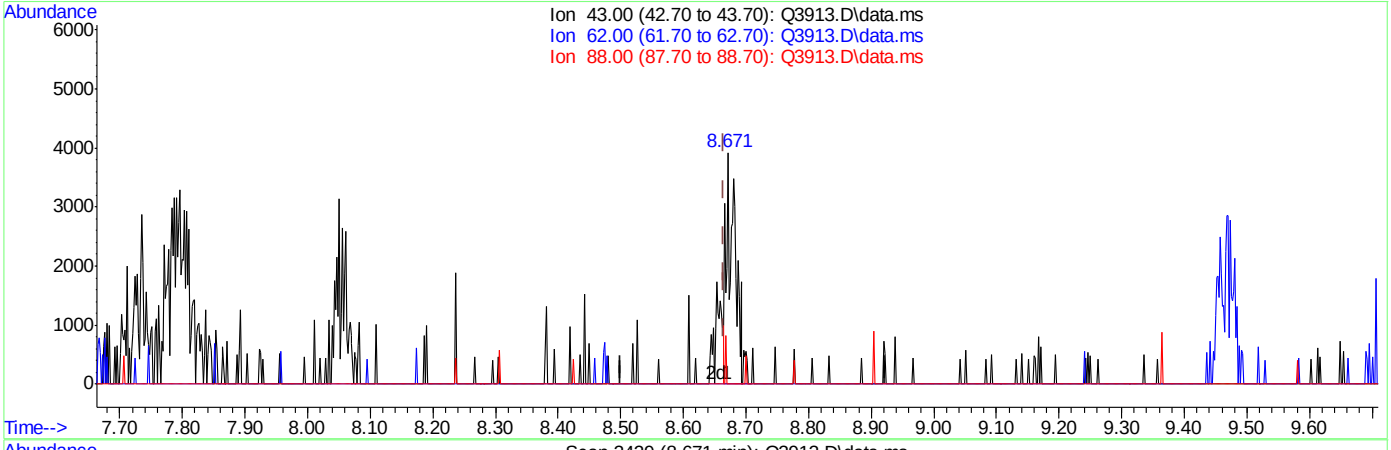
response 1324

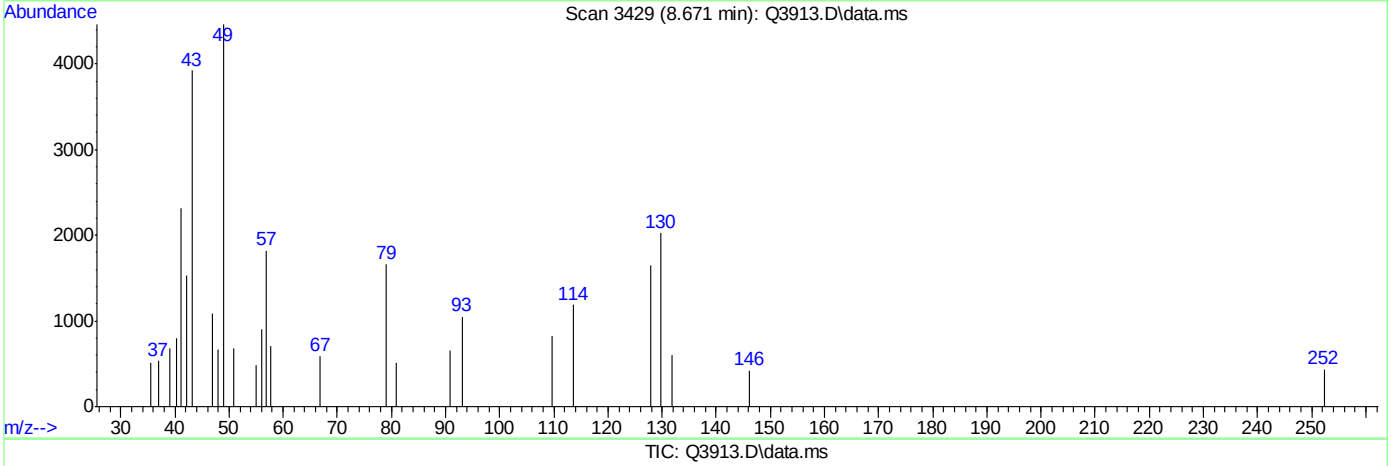
Ion	Exp%	Act%
96.00	100	100
98.00	63.40	28.02#
61.00	186.90	162.01#
0.00	0.00	0.00

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

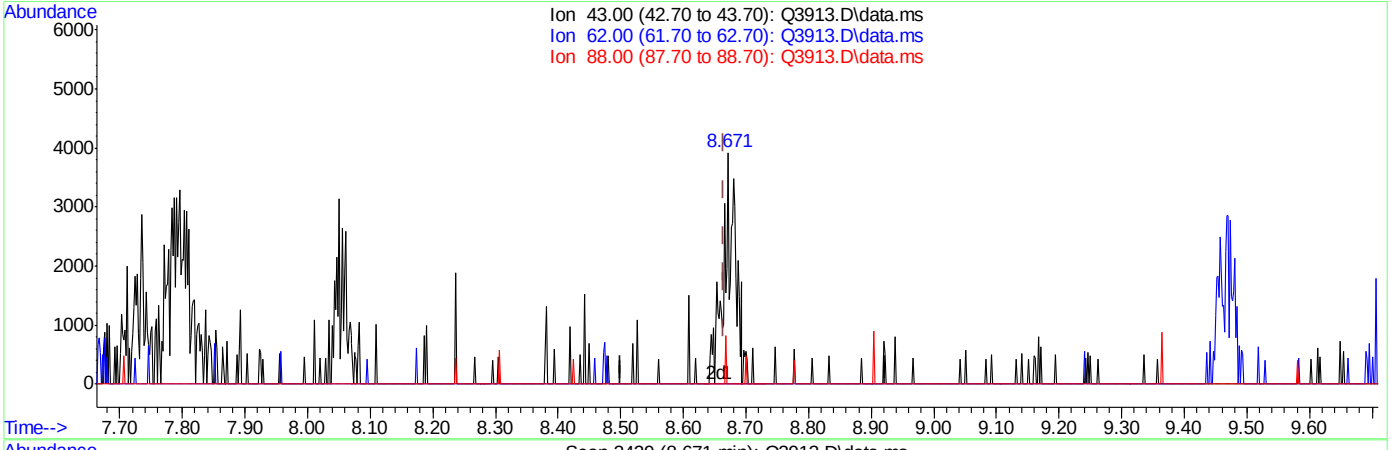
response 3841

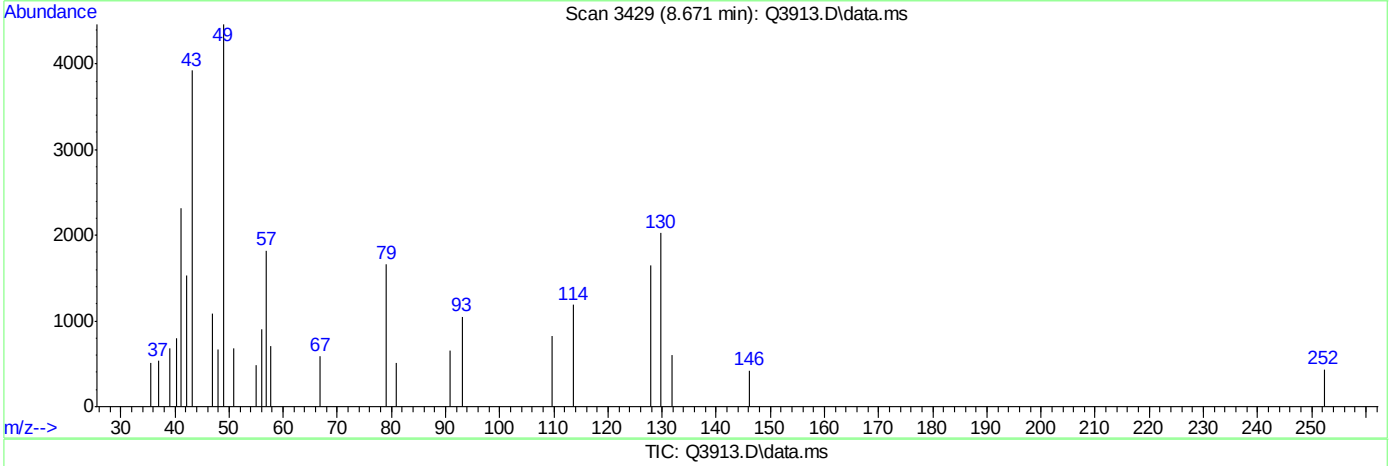
Ion	Exp%	Act%
43.00	100	100
62.00	0.30	0.00
88.00	1.60	2.32
0.00	0.00	0.00

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

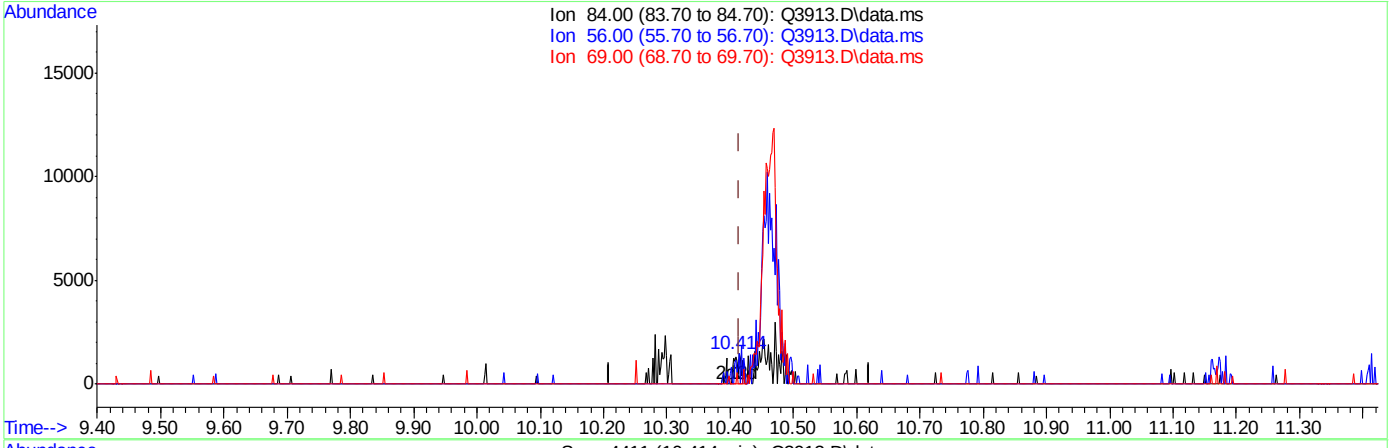
response 5225

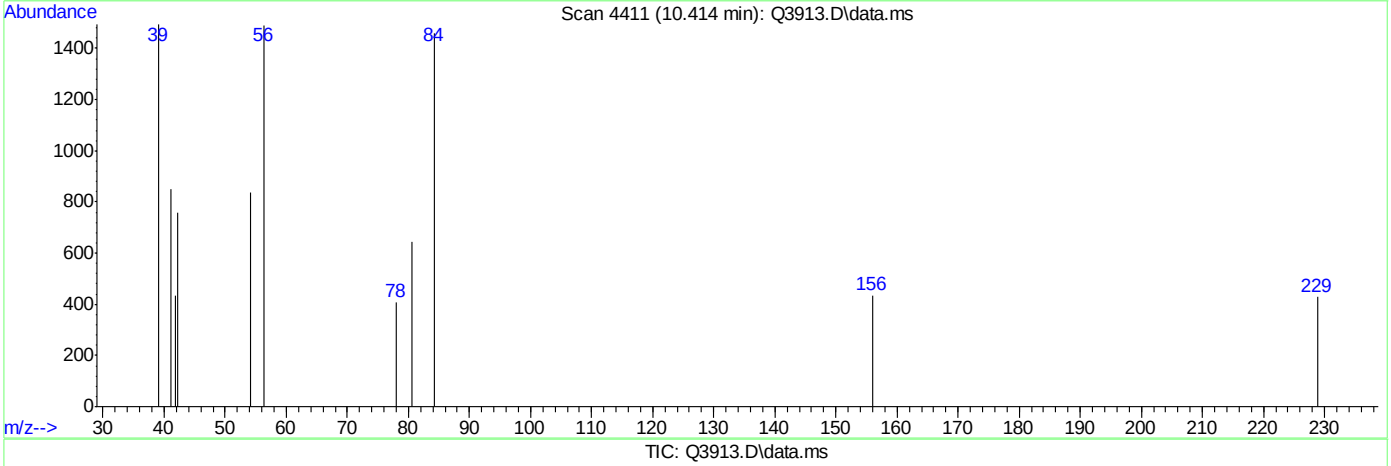
Ion	Exp%	Act%
43.00	100	100
62.00	0.30	0.00
88.00	1.60	1.70
0.00	0.00	0.00

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

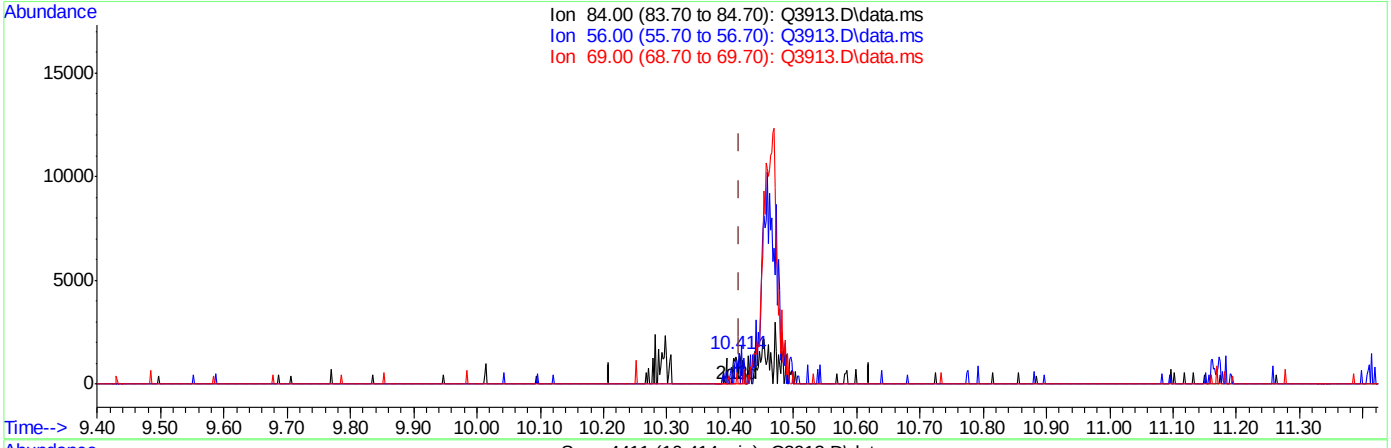
response 1151

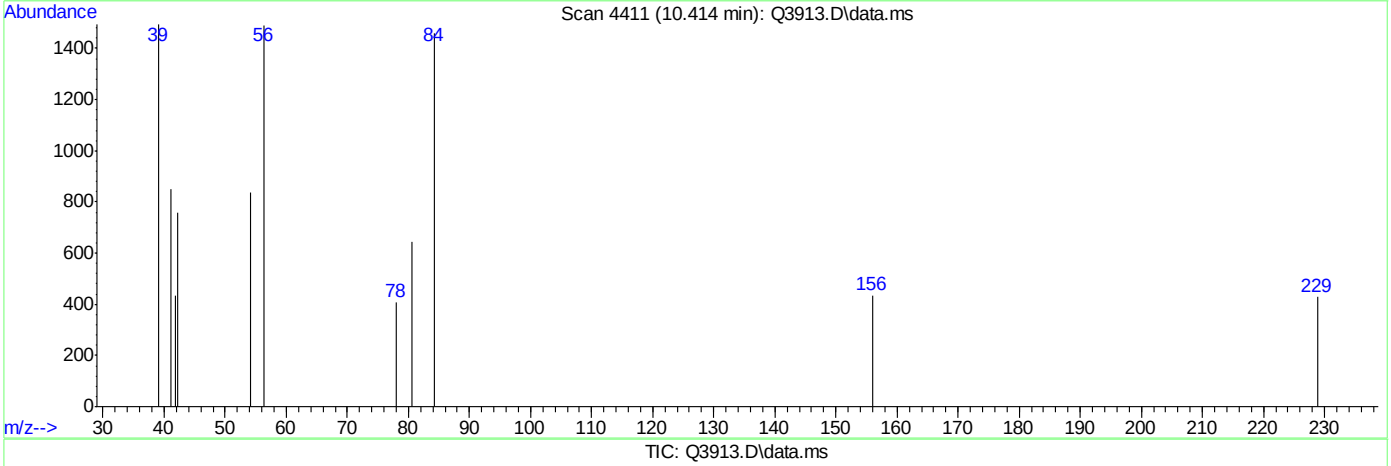
Ion	Exp%	Act%
84.00	100	100
56.00	177.10	82.88#
69.00	37.70	0.00#
0.00	0.00	0.00

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

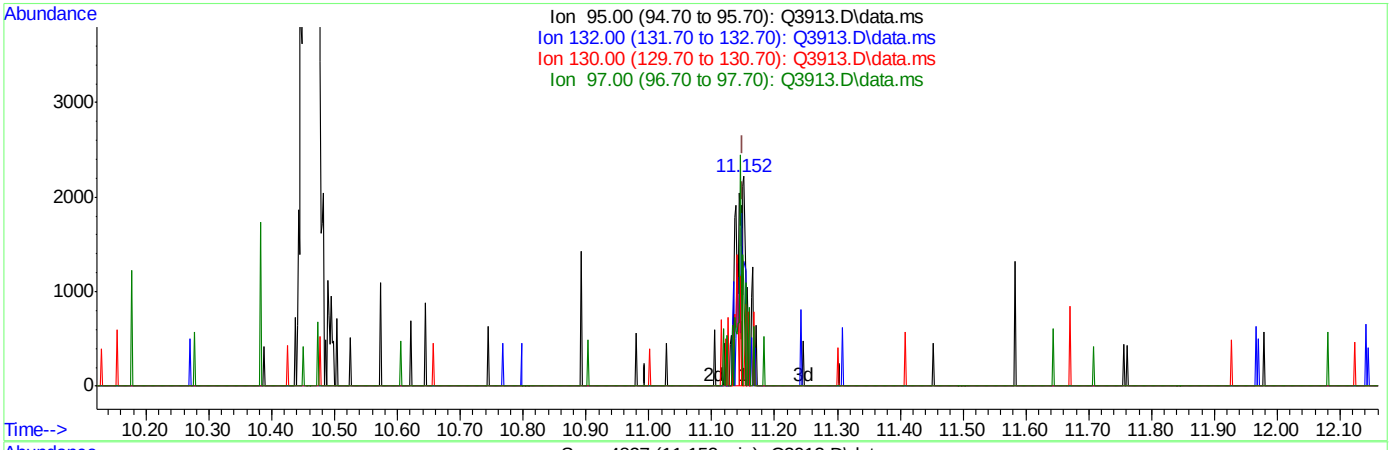
response 1396

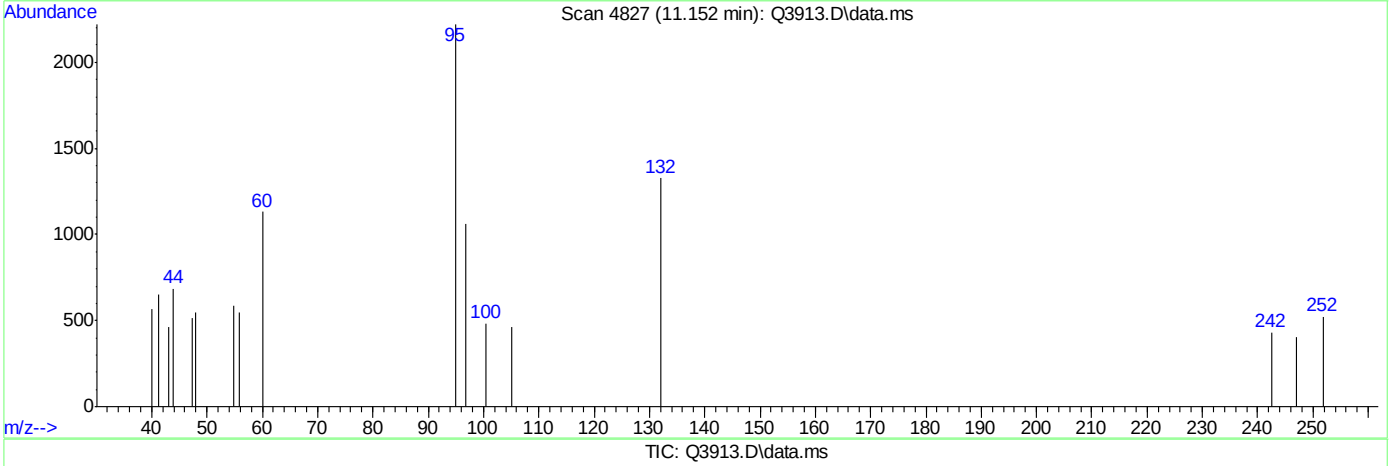
Ion	Exp%	Act%
84.00	100	100
56.00	177.10	68.34#
69.00	37.70	0.00#
0.00	0.00	0.00

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

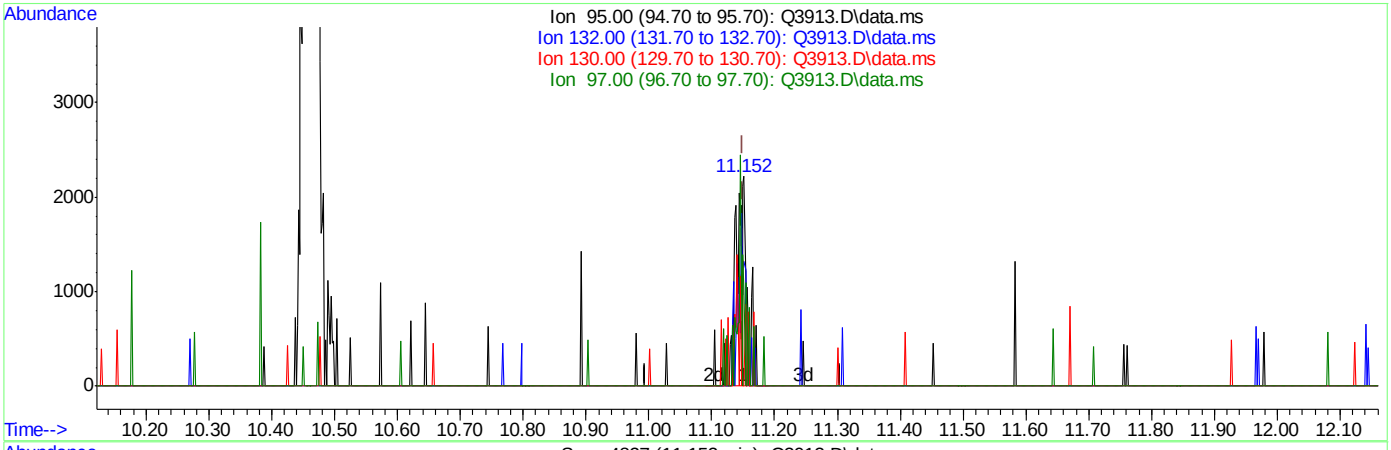
response 2406

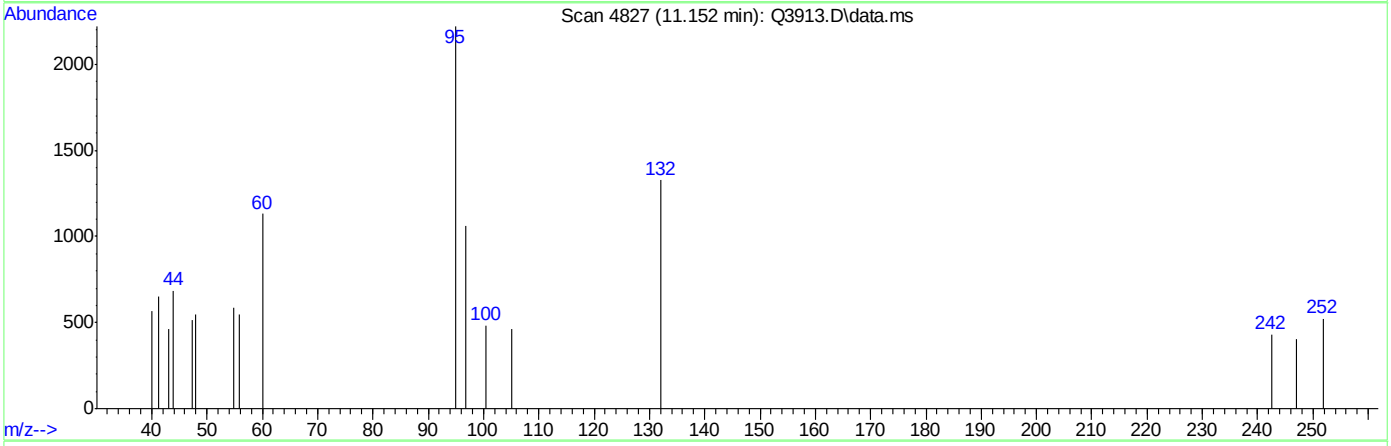
Ion	Exp%	Act%
95.00	100	100
132.00	92.20	0.00#
130.00	90.60	7.36#
97.00	64.20	0.00#

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

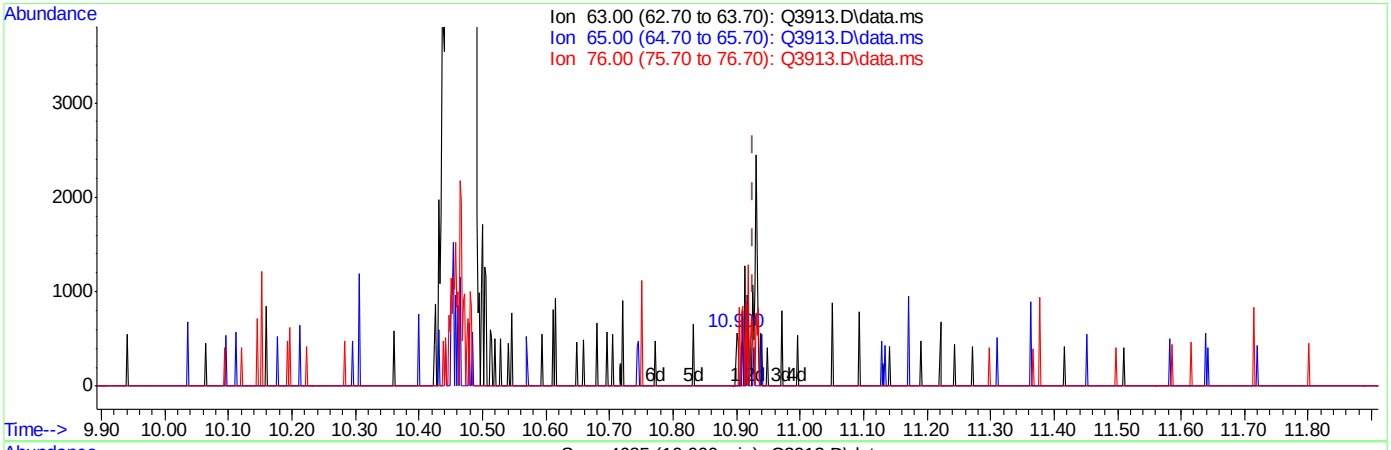
response 2823

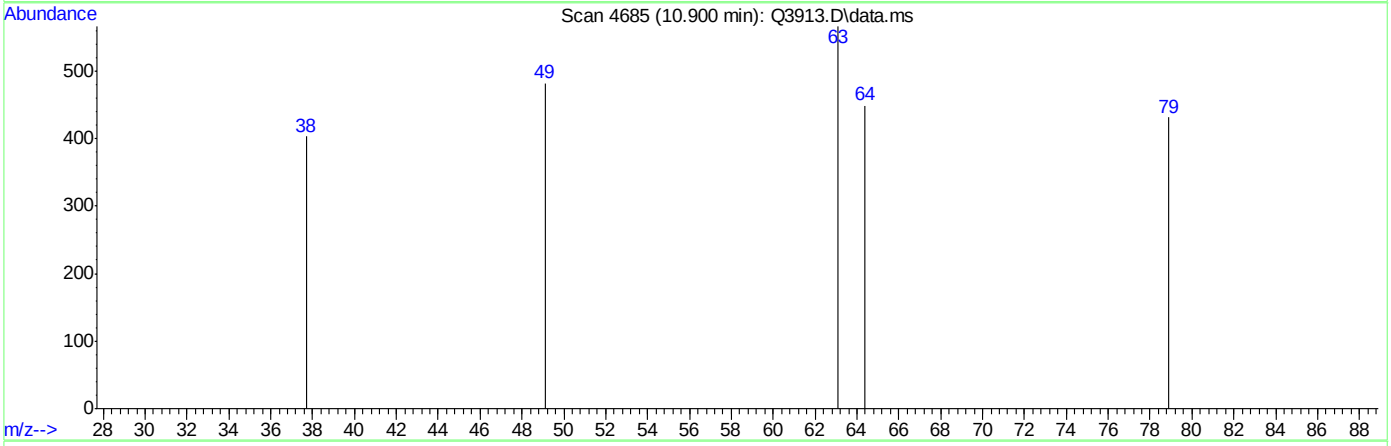
Ion	Exp%	Act%
95.00	100	100
132.00	92.20	0.00#
130.00	90.60	6.27#
97.00	64.20	0.00#

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

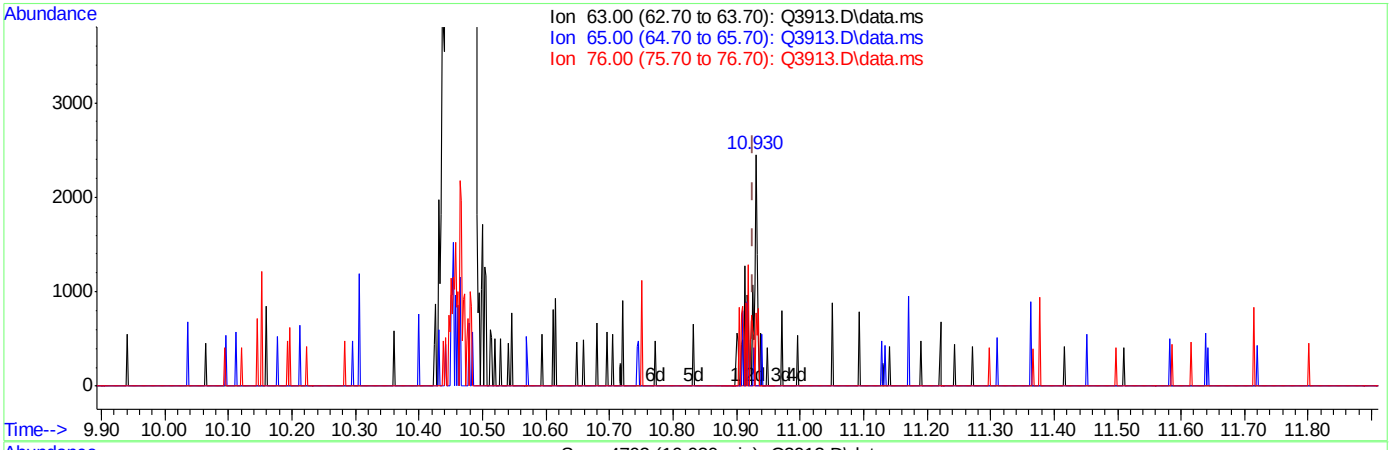
response 210

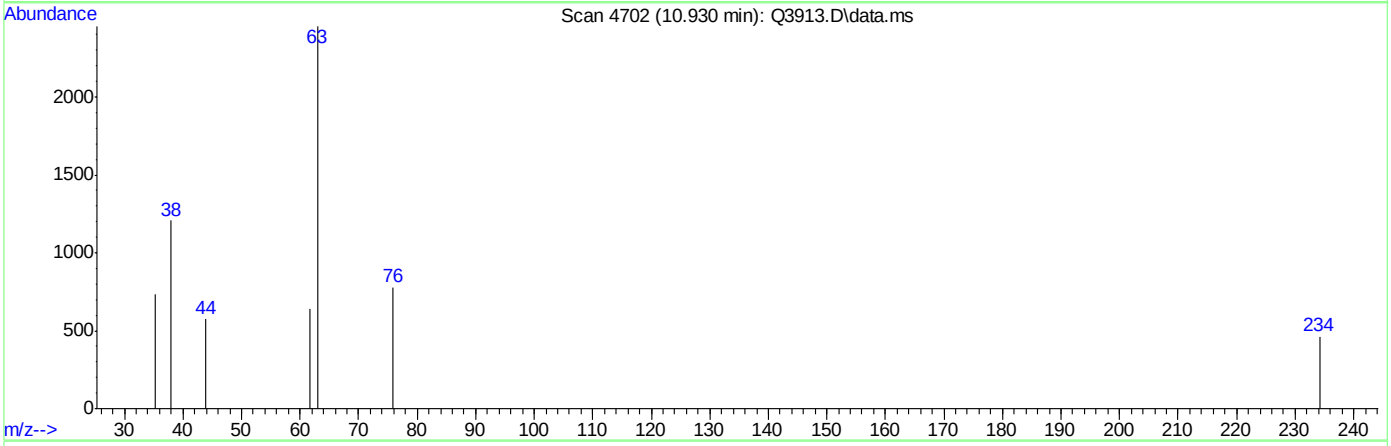
Ion	Exp%	Act%
63.00	100	100
65.00	28.60	0.00#
76.00	41.10	491.90#
0.00	0.00	0.00

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

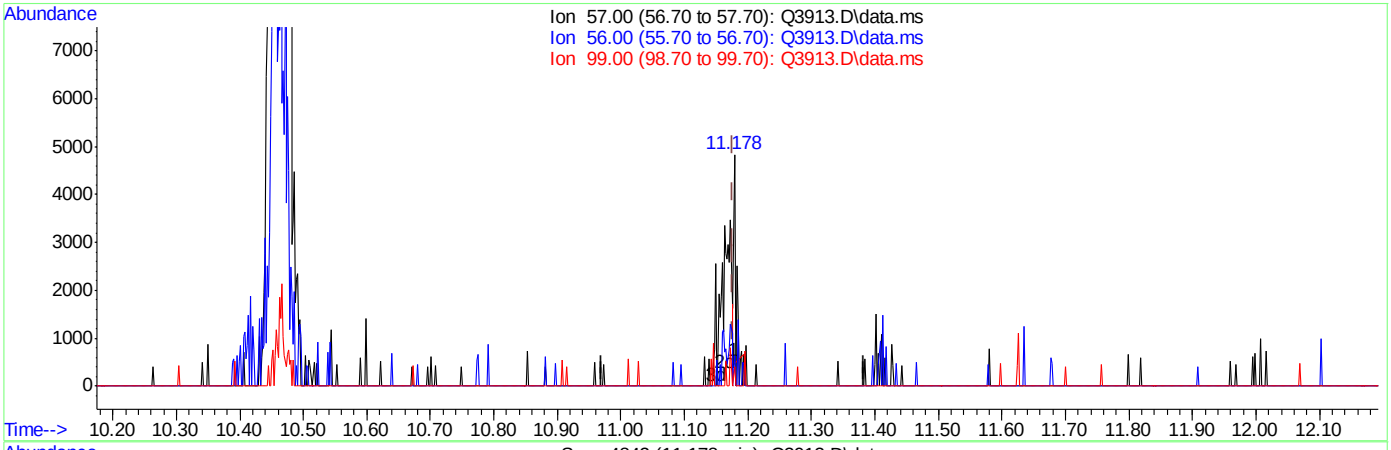
response 1428

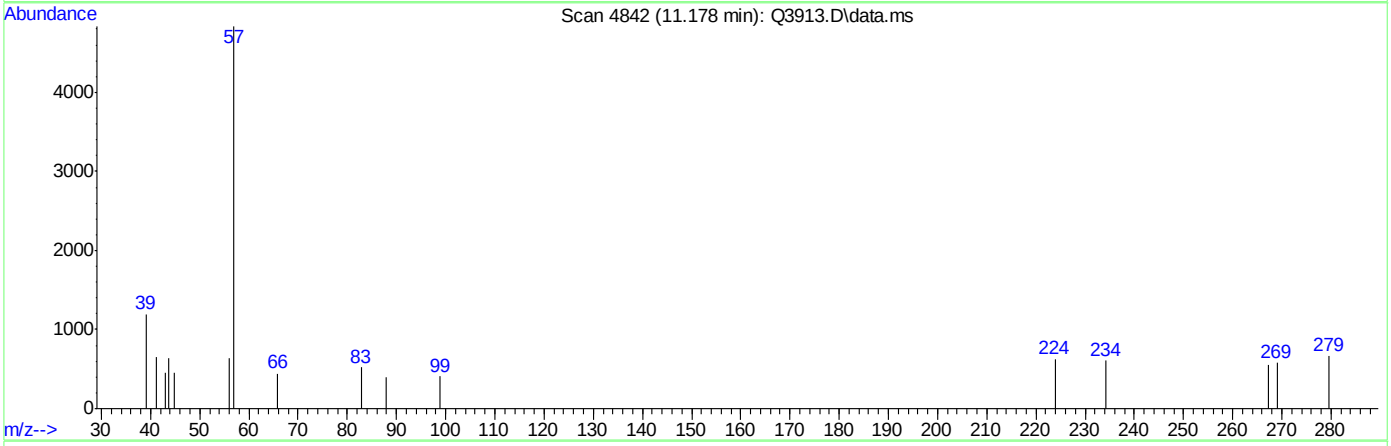
Ion	Exp%	Act%
63.00	100	100
65.00	28.60	0.00#
76.00	41.10	72.34#
0.00	0.00	0.00

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

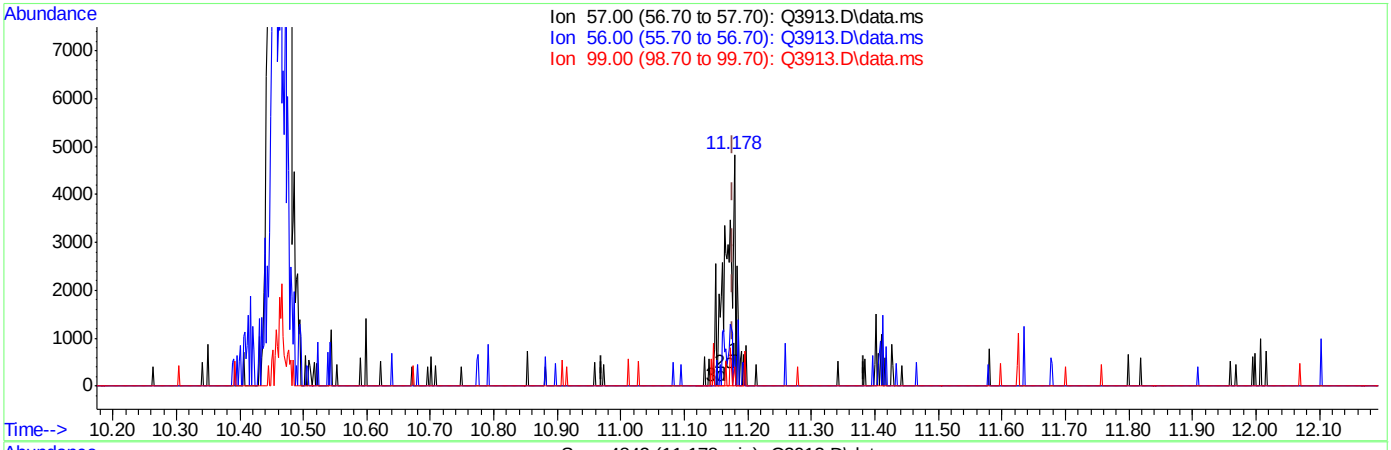
Ion	Exp%	Act%
57.00	100	100
56.00	32.10	82.71#
99.00	6.00	17.16
0.00	0.00	0.00

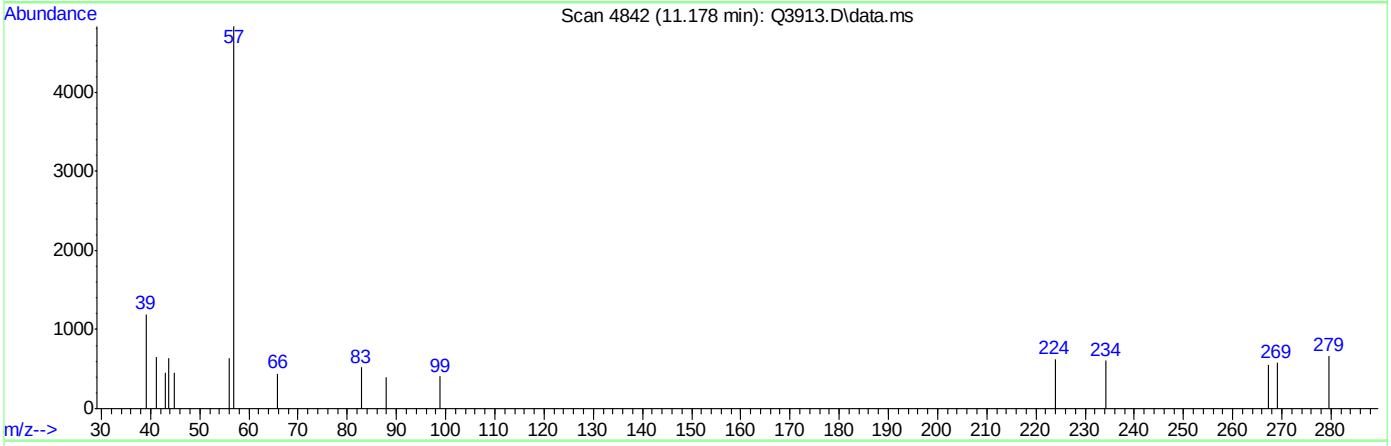
ACCUTEST Laboratories M68147

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

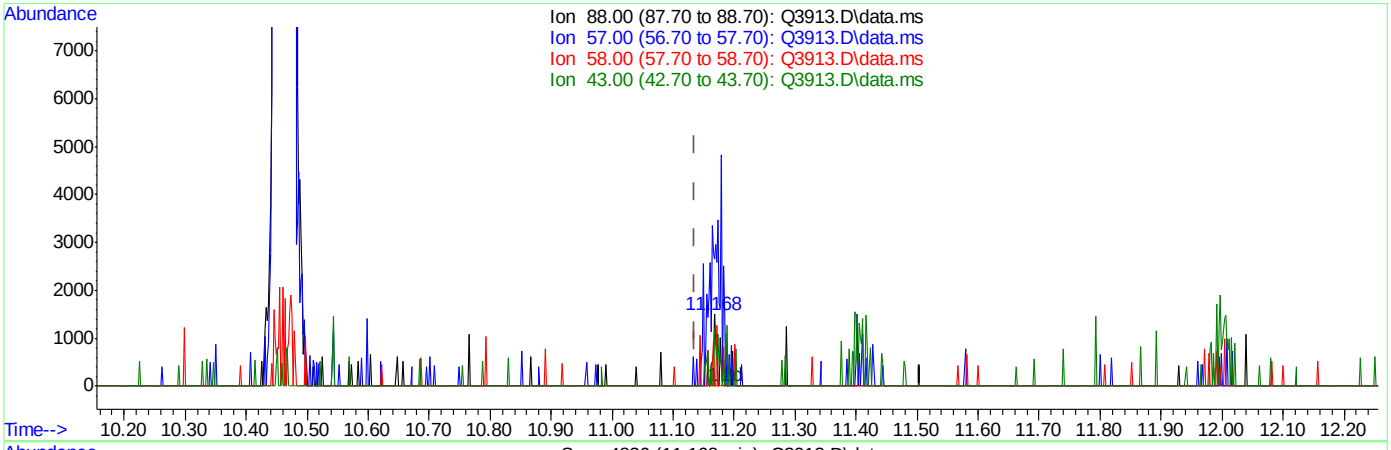
response 5059

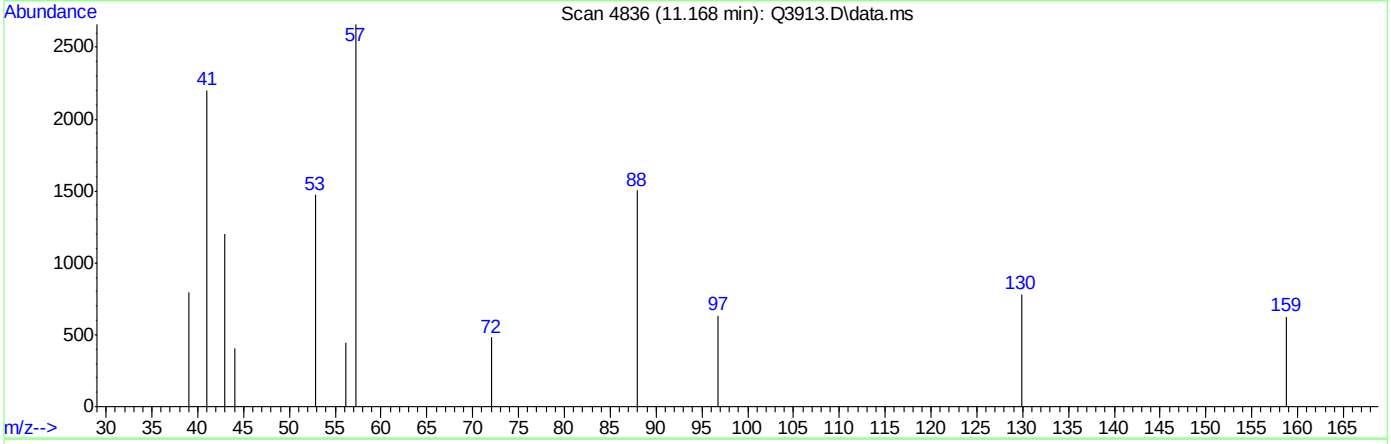
Ion	Exp%	Act%
57.00	100	100
56.00	32.10	12.20
99.00	6.00	2.53
0.00	0.00	0.00

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

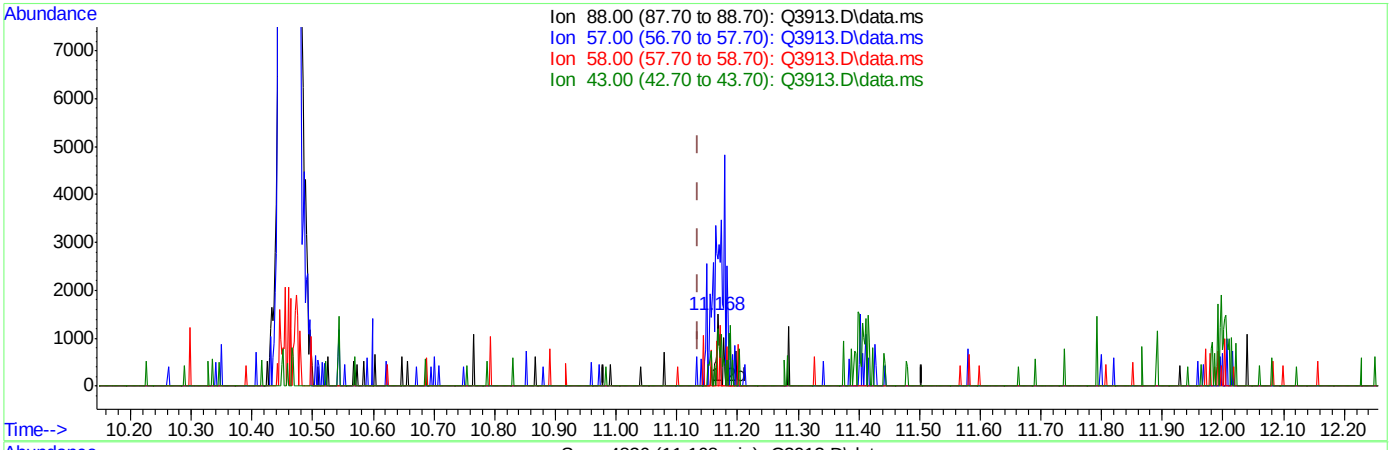
response 584

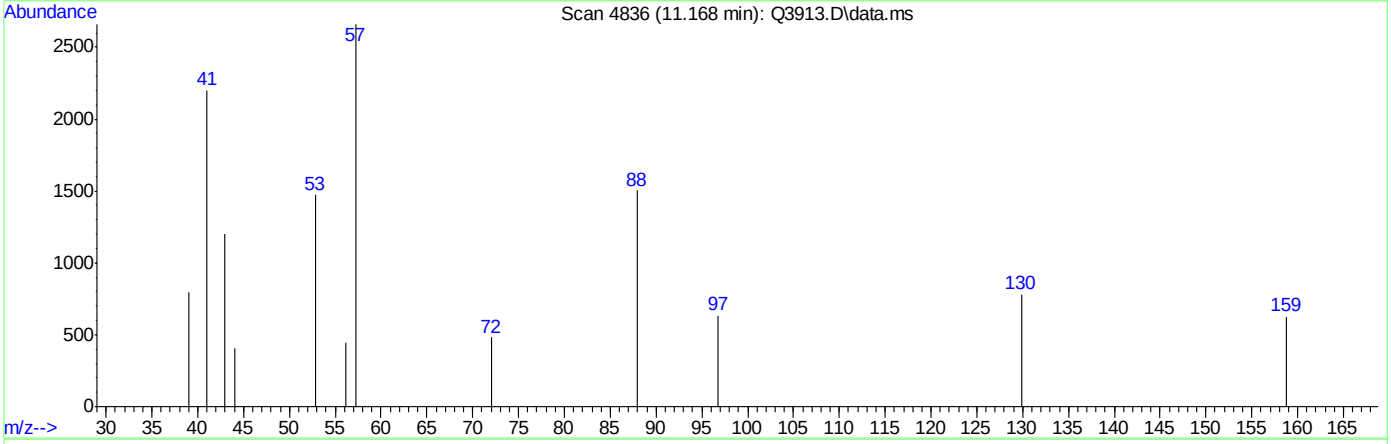
Ion	Exp%	Act%
88.00	100	100
57.00	45.40	176.80#
58.00	84.10	0.00#
43.00	40.20	79.65#

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

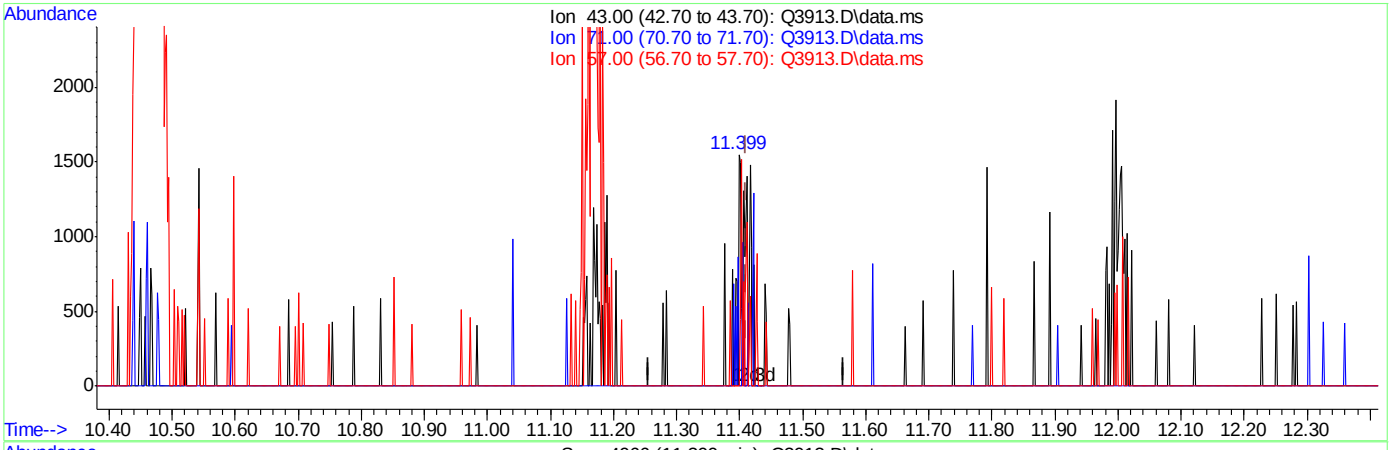
Ion	Exp%	Act%
88.00	100	100
57.00	45.40	176.80#
58.00	84.10	0.00#
43.00	40.20	79.65#

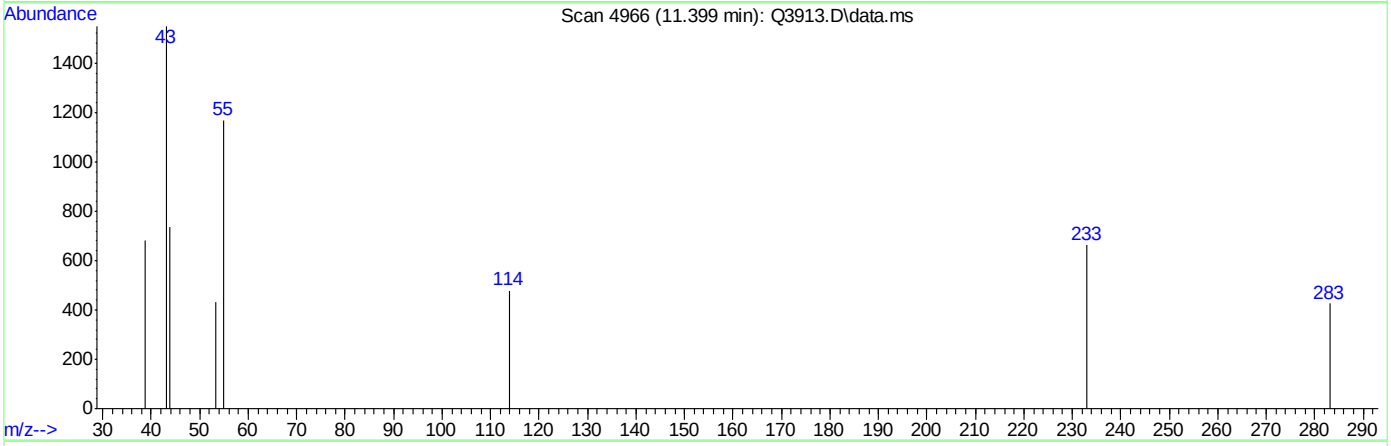
ACCUTEST Laboratories M68147

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

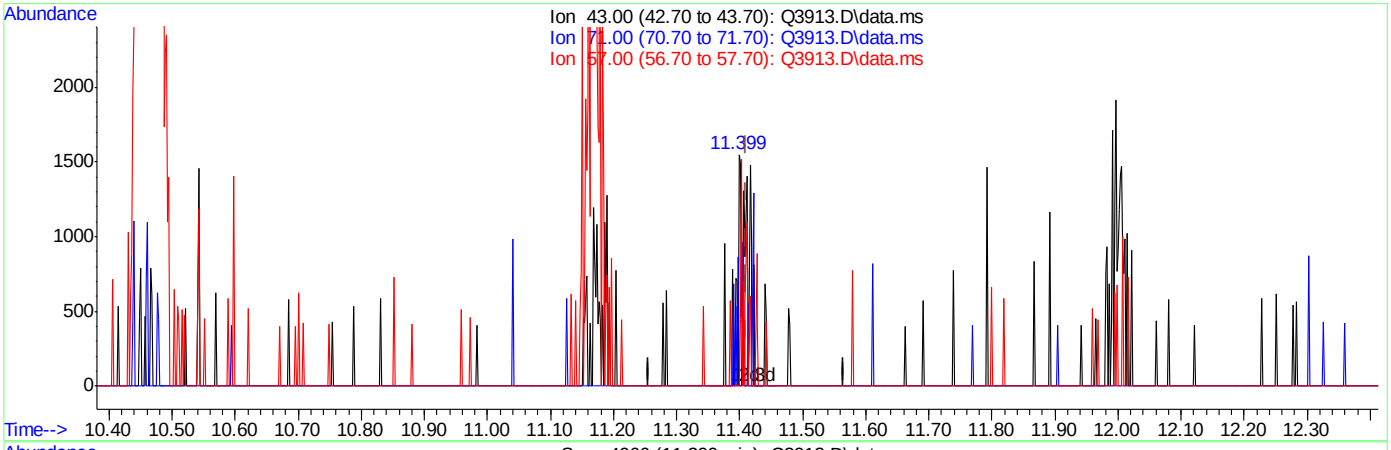
Ion	Exp%	Act%
43.00	100	100
71.00	40.90	0.00#
57.00	54.60	45.59
0.00	0.00	0.00

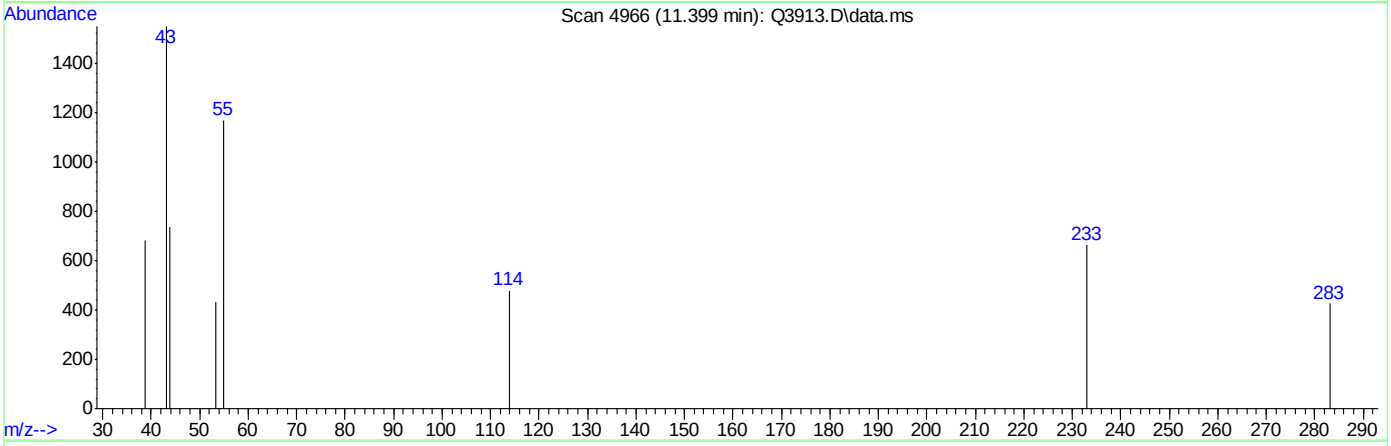
ACCUTEST Laboratories M68147

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

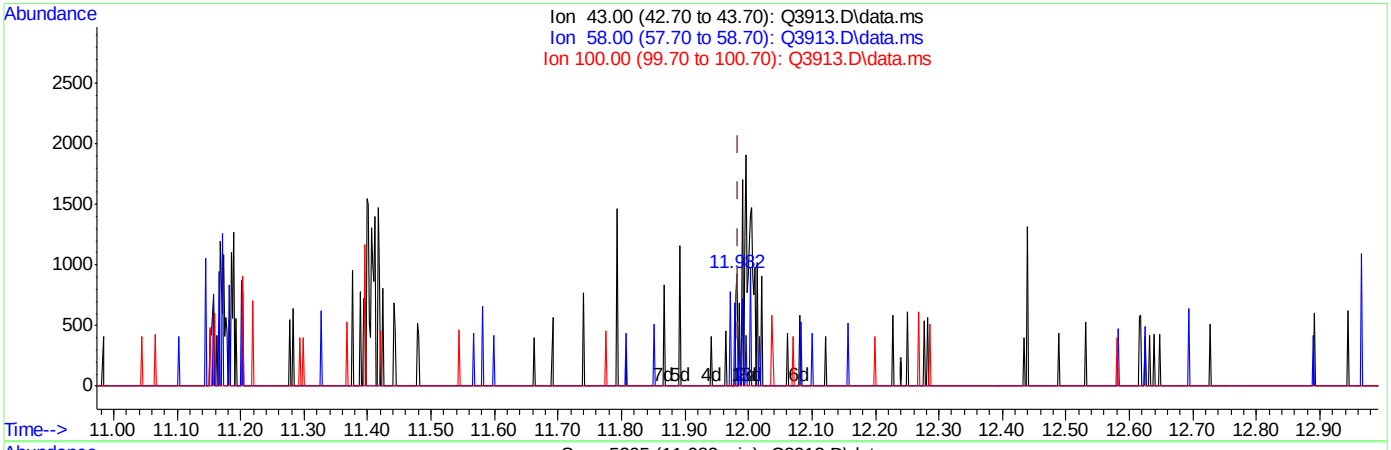
response 1713

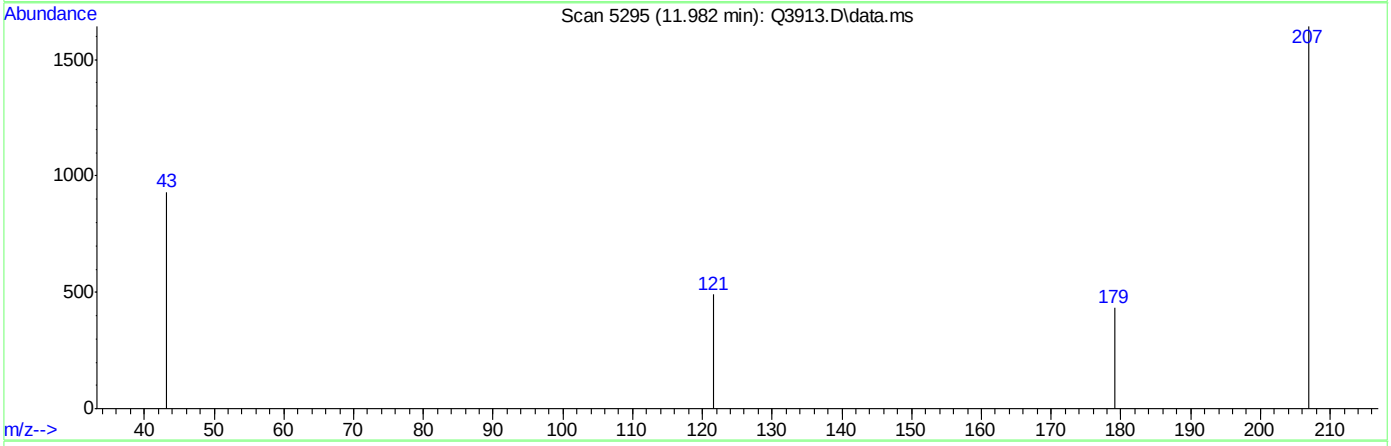
Ion	Exp%	Act%
43.00	100	100
71.00	40.90	0.00#
57.00	54.60	30.47#
0.00	0.00	0.00

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

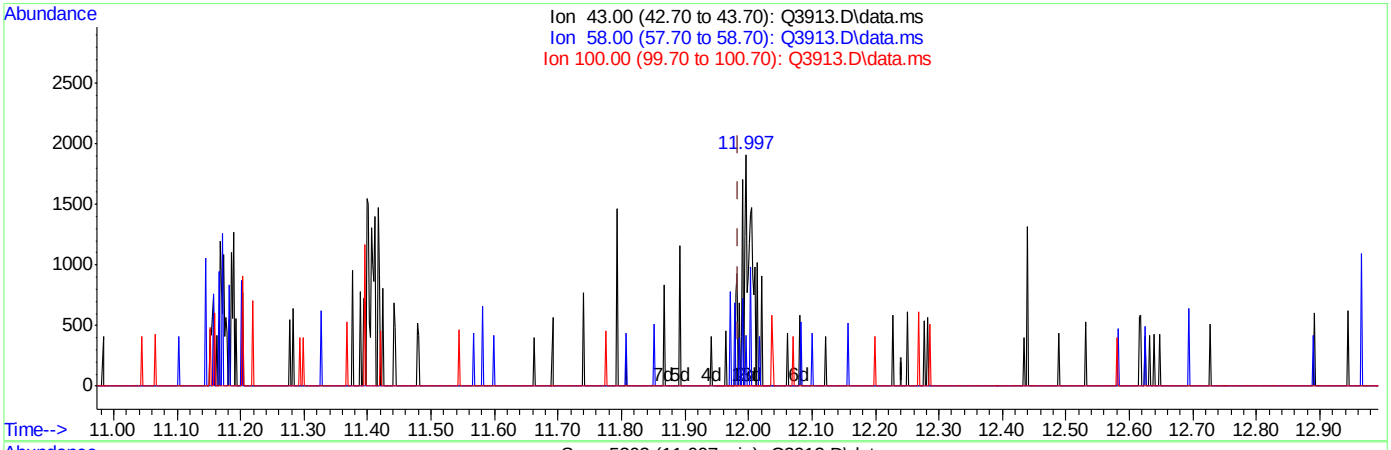
response 181

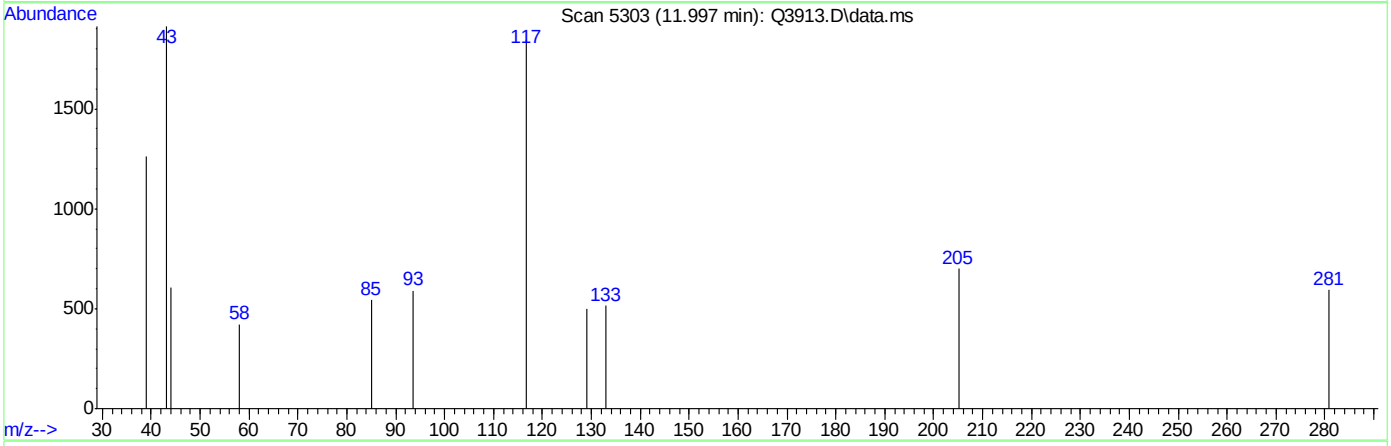
Ion	Exp%	Act%
43.00	100	100
58.00	39.30	0.00#
100.00	8.70	0.00
0.00	0.00	0.00

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

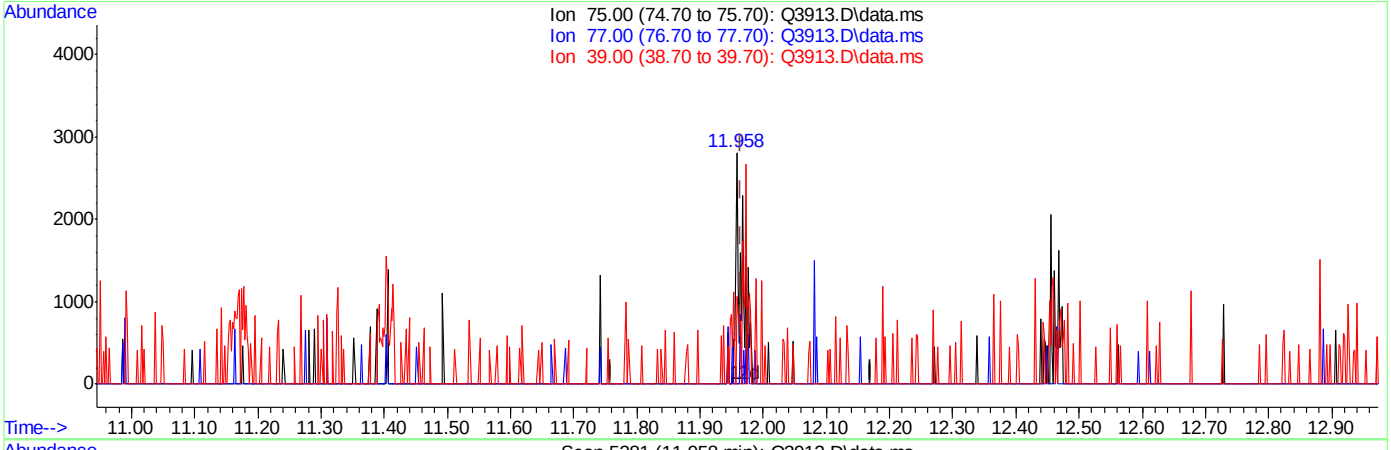
response 1962

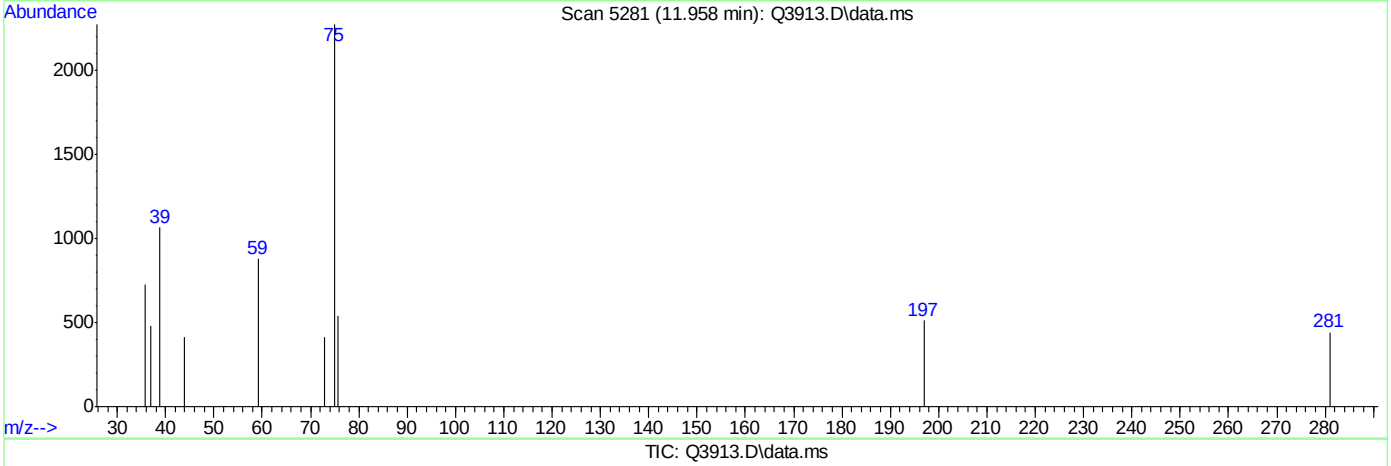
Ion	Exp%	Act%
43.00	100	100
58.00	39.30	0.00#
100.00	8.70	0.00
0.00	0.00	0.00

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

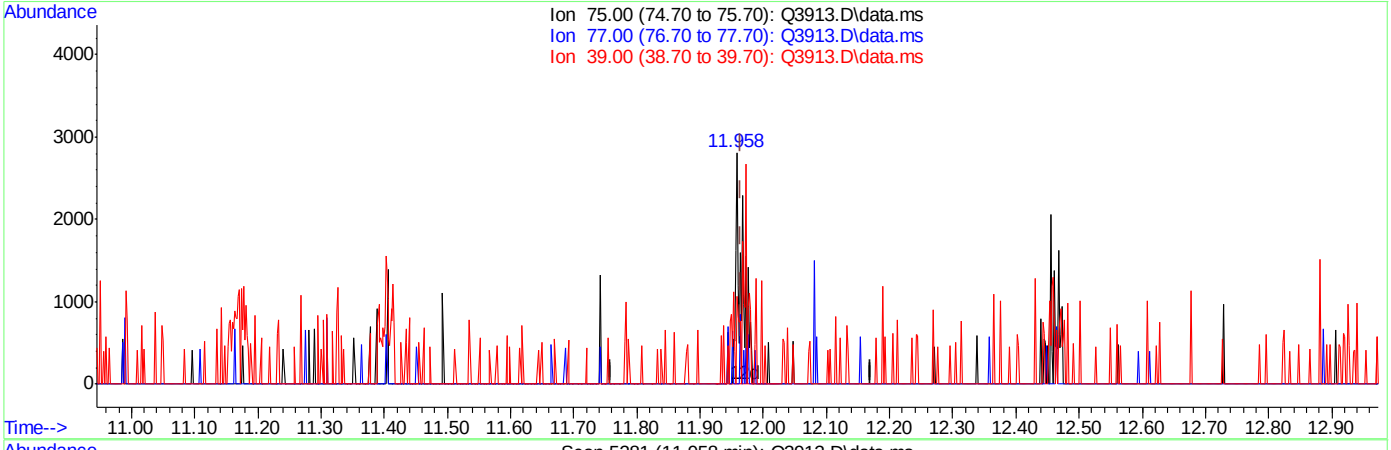
response 1581

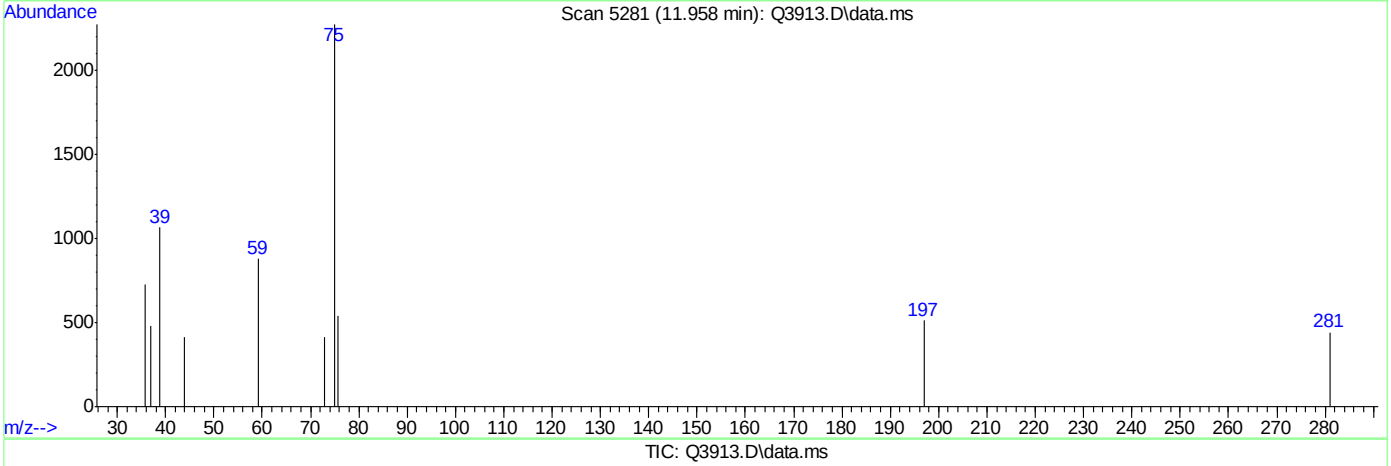
Ion	Exp%	Act%
75.00	100	100
77.00	31.60	8.48#
39.00	87.50	27.51#
0.00	0.00	0.00

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

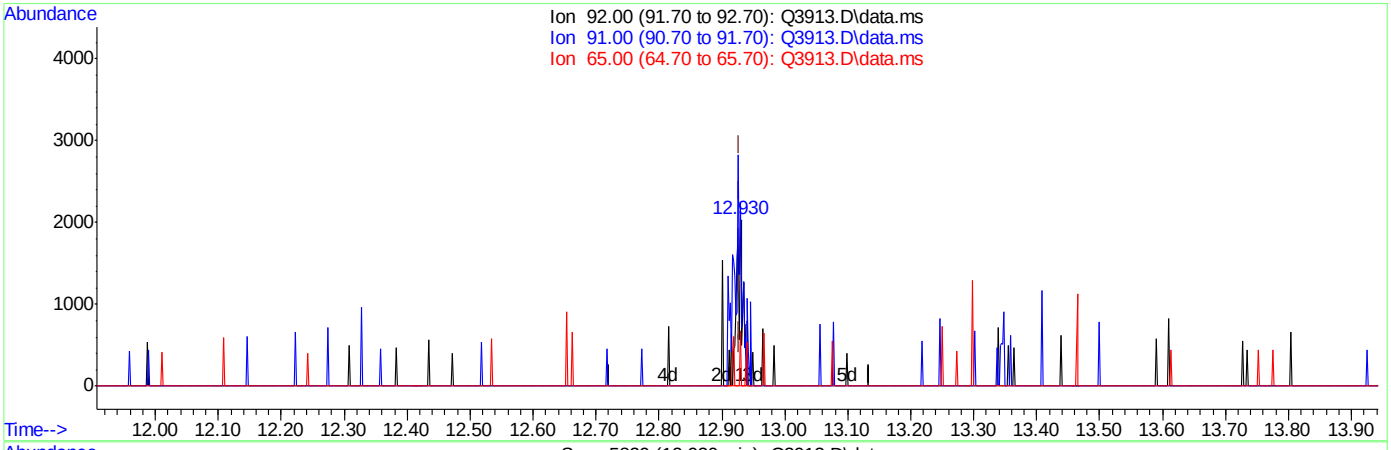
response 2026

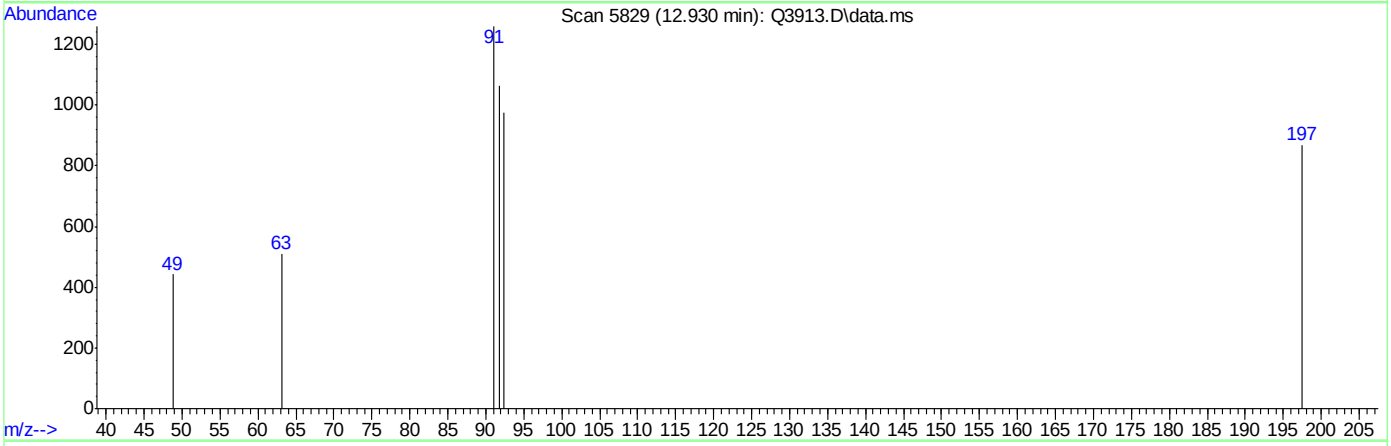
Ion	Exp%	Act%
75.00	100	100
77.00	31.60	6.61#
39.00	87.50	21.47#
0.00	0.00	0.00

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

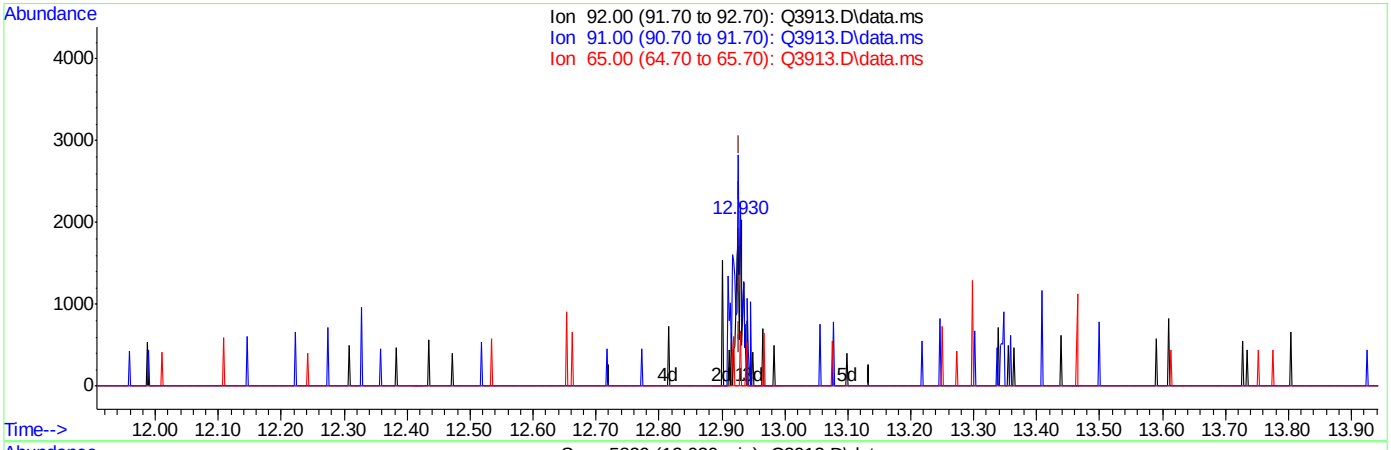
response 1546

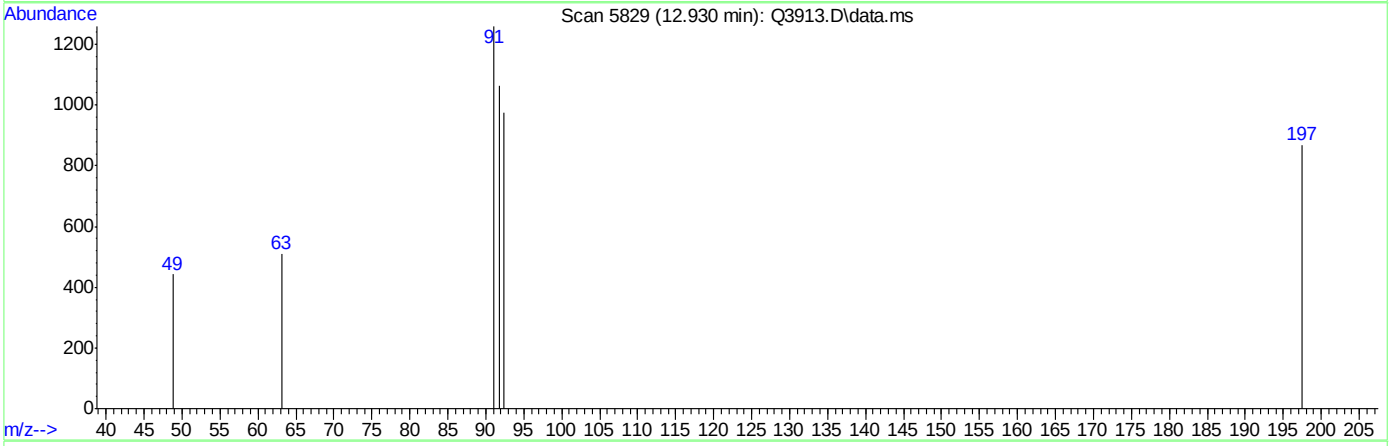
Ion	Exp%	Act%
92.00	100	100
91.00	169.00	141.98#
65.00	24.10	4.72
0.00	0.00	0.00

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

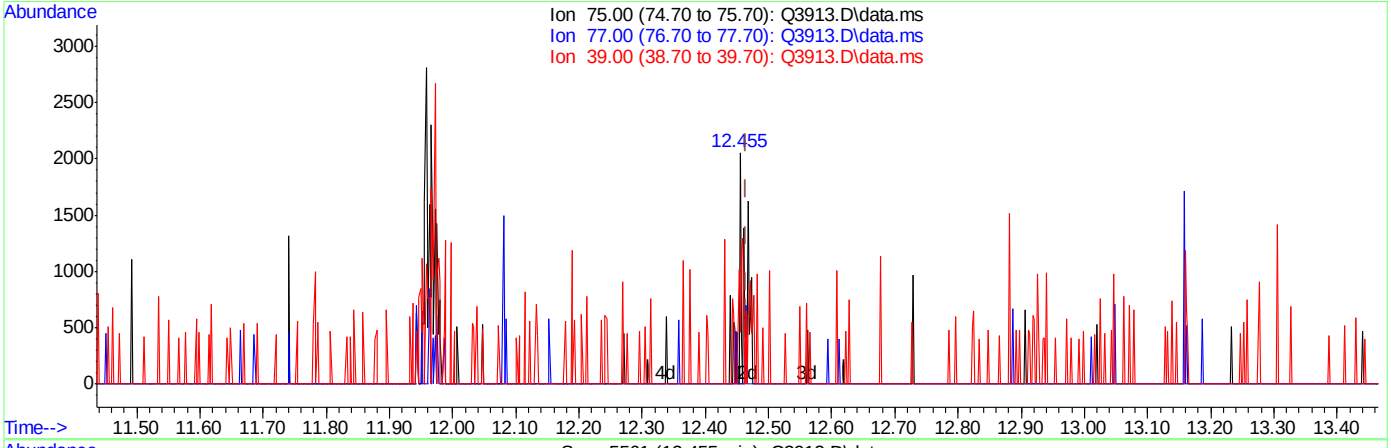
response 1881

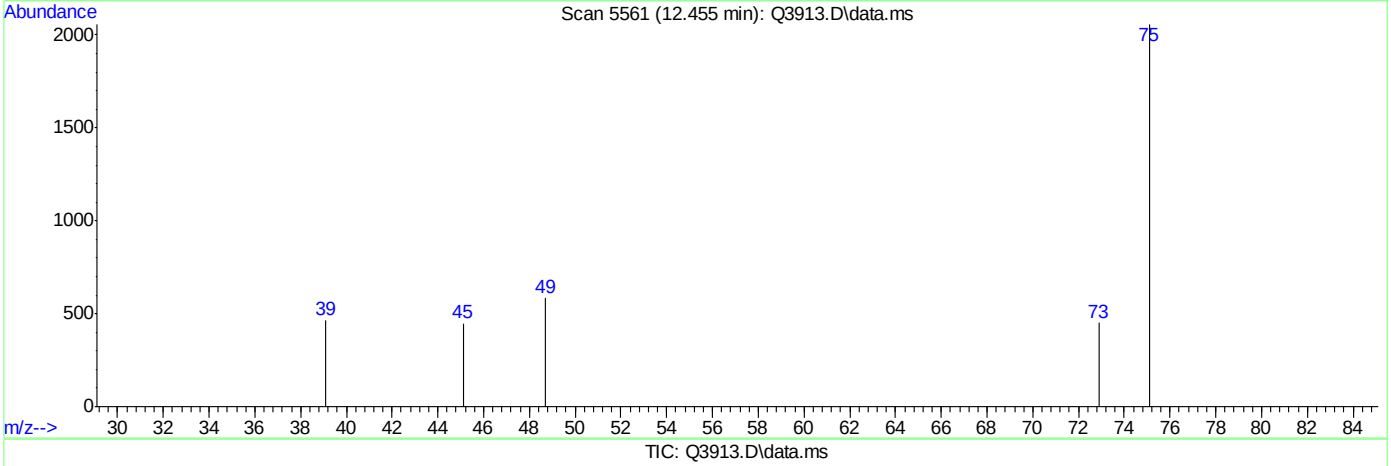
Ion	Exp%	Act%
92.00	100	100
91.00	169.00	116.69#
65.00	24.10	3.88#
0.00	0.00	0.00

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

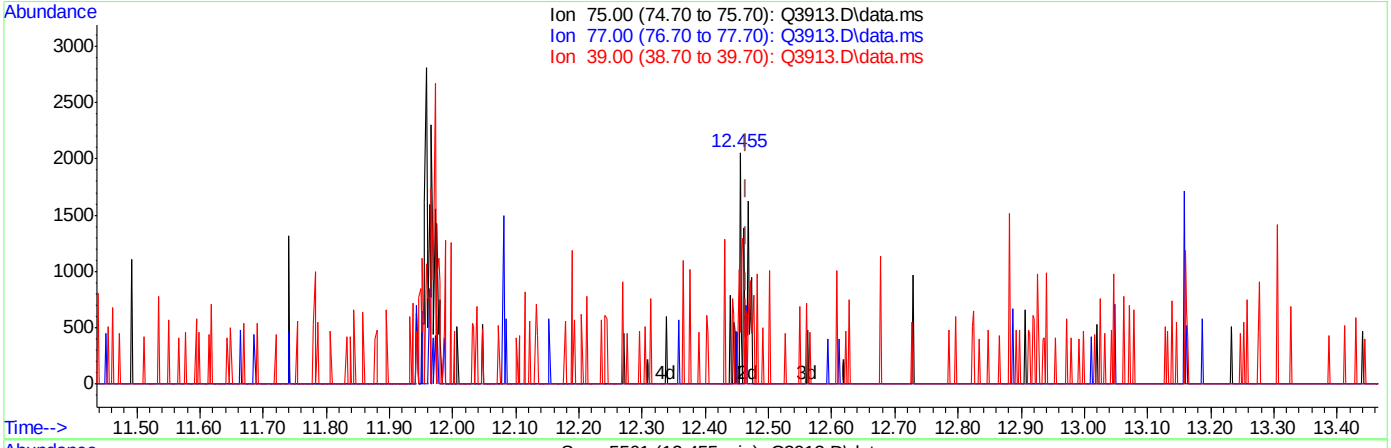
response 797

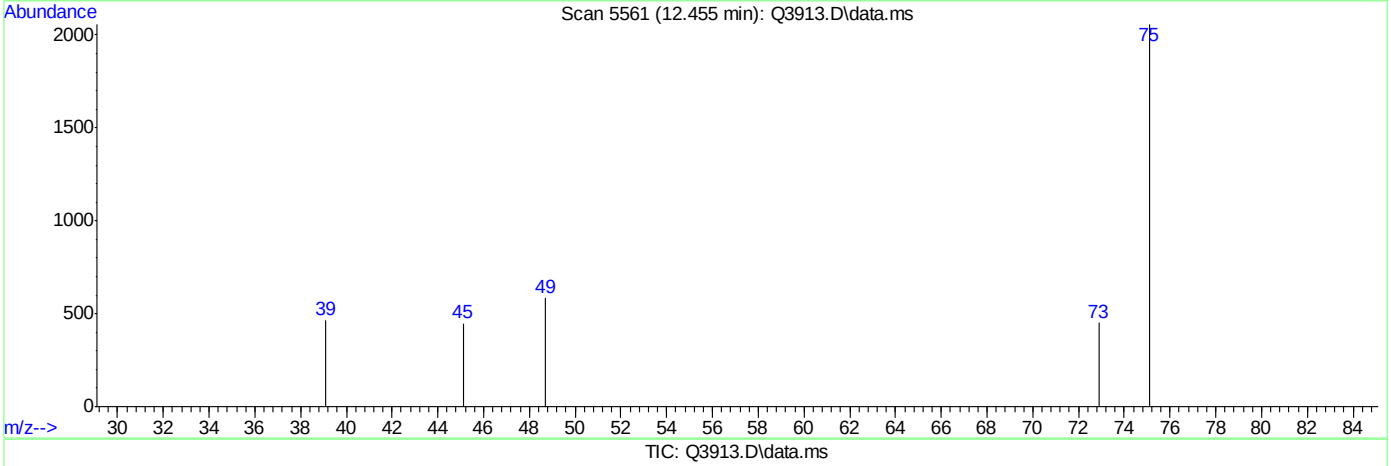
Ion	Exp%	Act%
75.00	100	100
77.00	31.60	0.00#
39.00	60.50	78.42
0.00	0.00	0.00

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

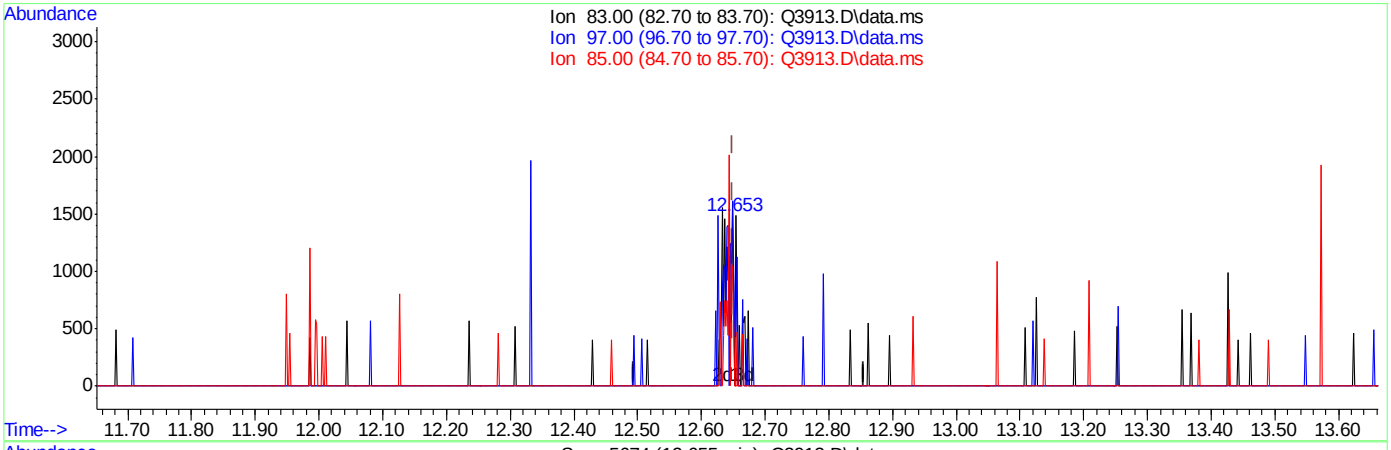
response 1182

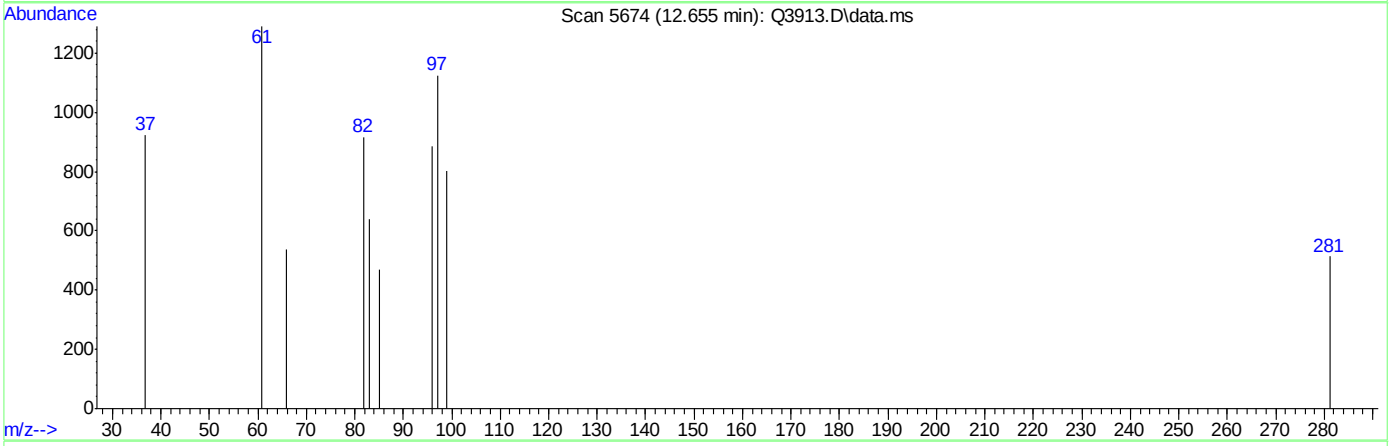
Ion	Exp%	Act%
75.00	100	100
77.00	31.60	0.00#
39.00	60.50	52.88
0.00	0.00	0.00

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

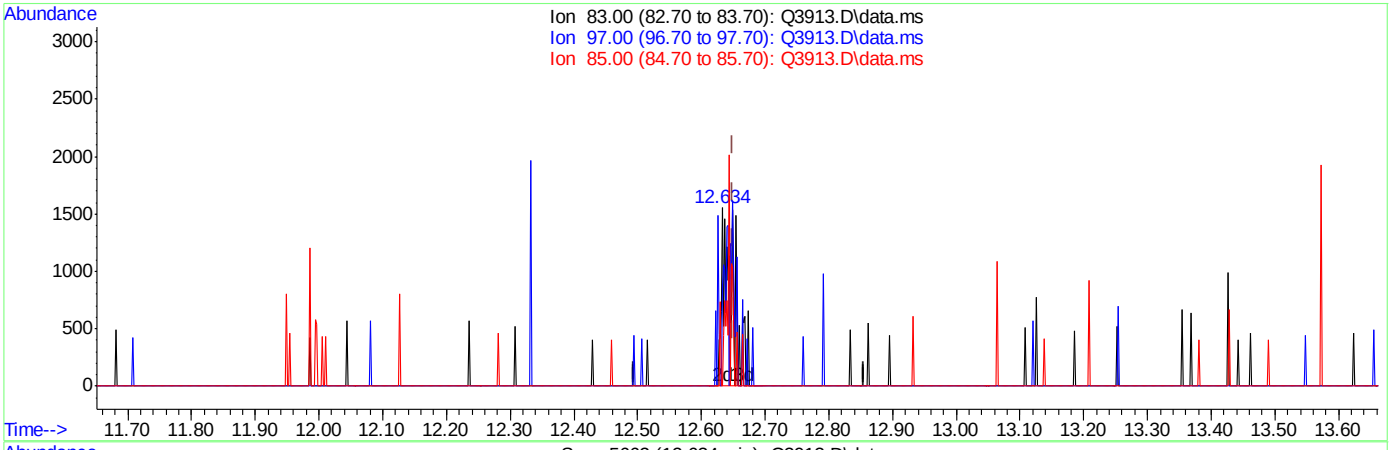
response 283

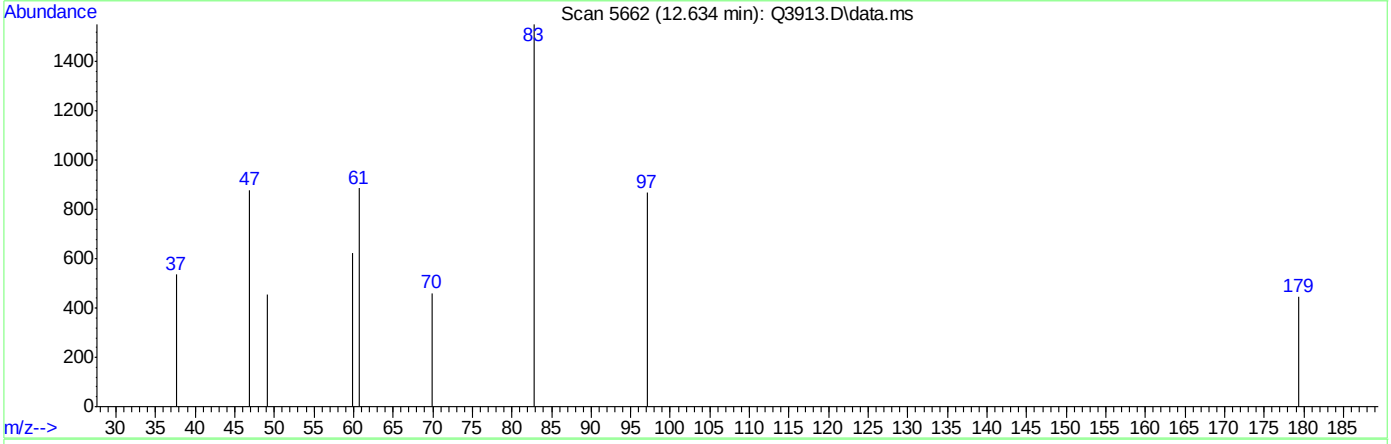
Ion	Exp%	Act%
83.00	100	100
97.00	113.20	217.31#
85.00	64.40	0.00#
0.00	0.00	0.00

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

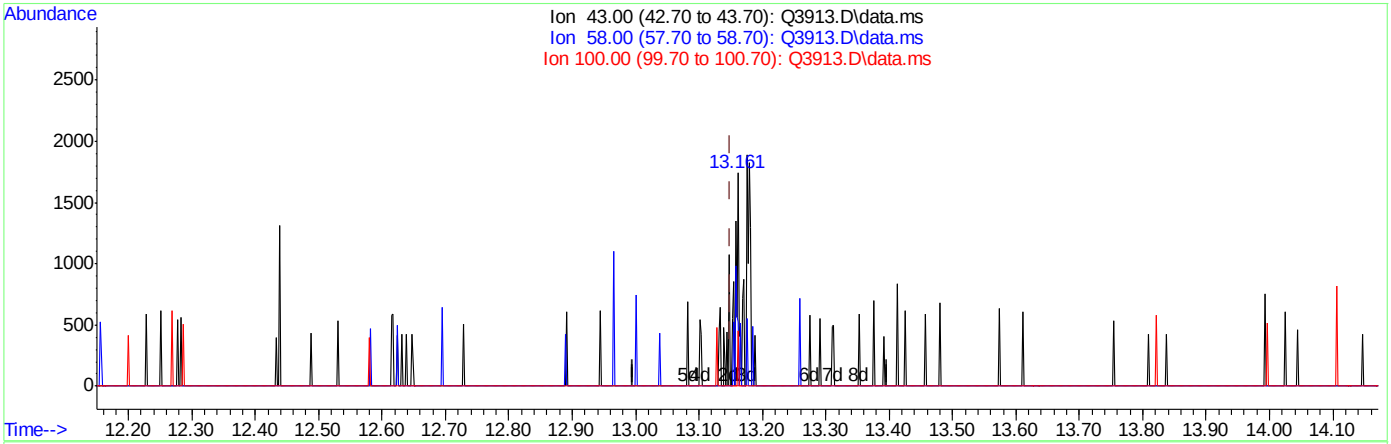
response 1784

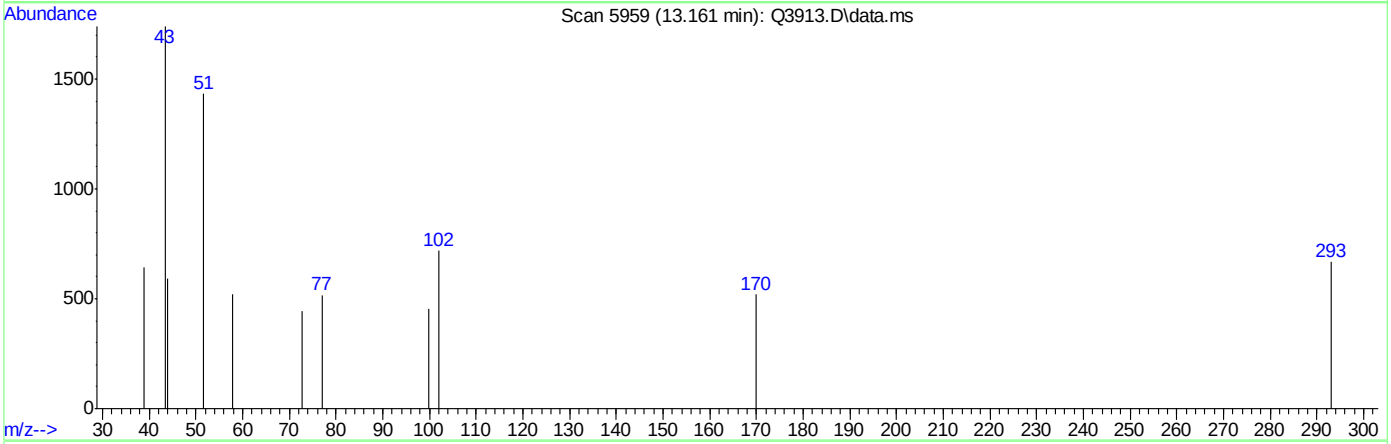
Ion	Exp%	Act%
83.00	100	100
97.00	113.20	34.47#
85.00	64.40	0.00#
0.00	0.00	0.00

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

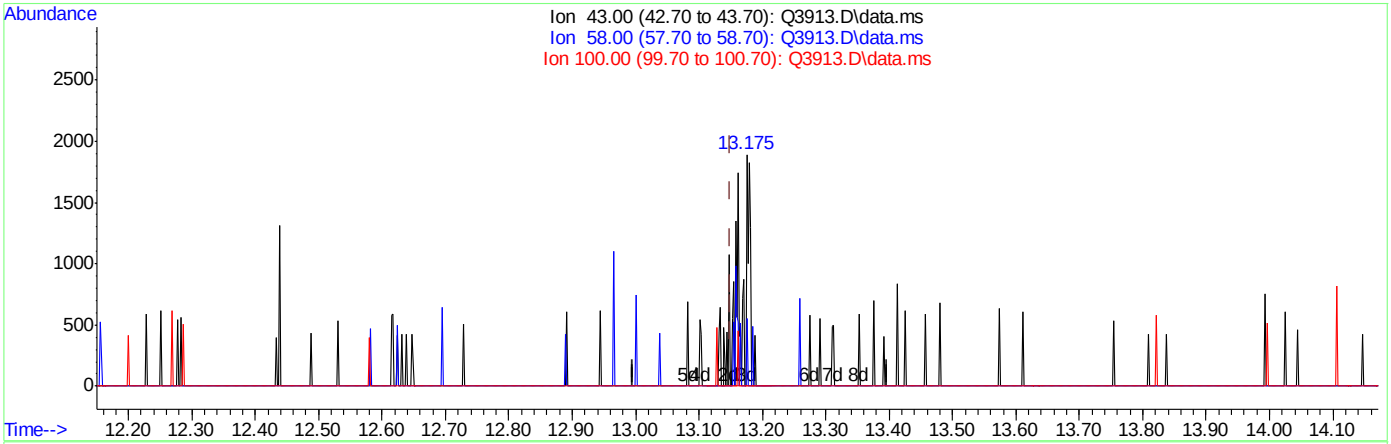
response 803

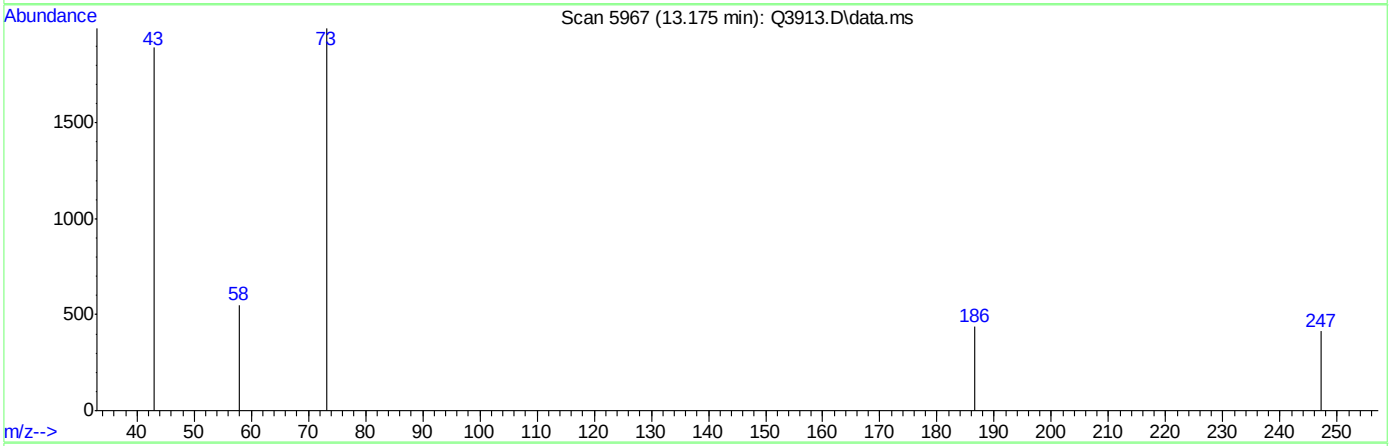
Ion	Exp%	Act%
43.00	100	100
58.00	52.00	41.34
100.00	6.20	6.10
0.00	0.00	0.00

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

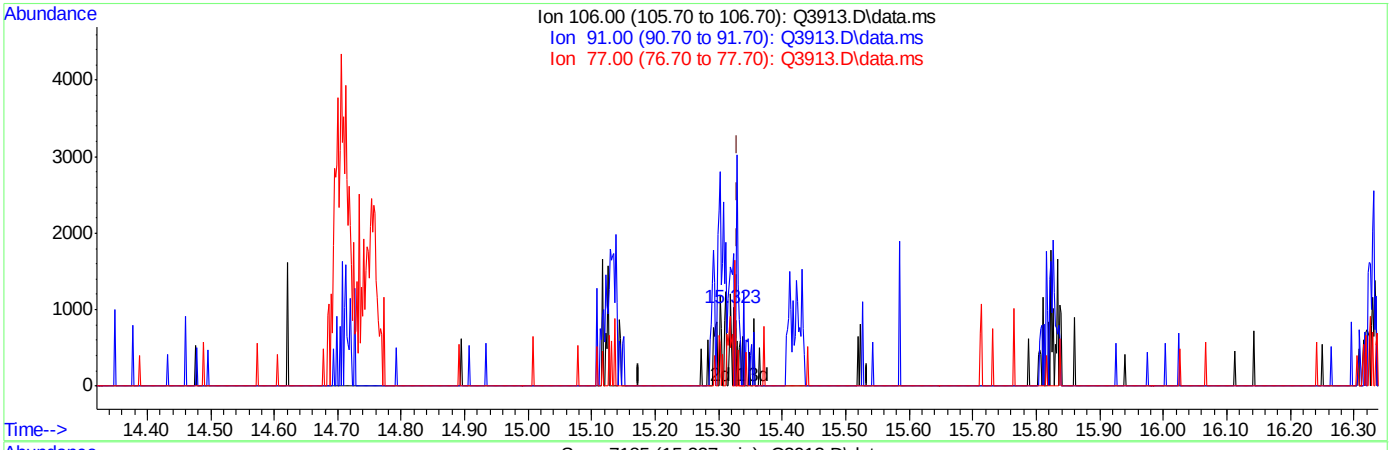
response 1815

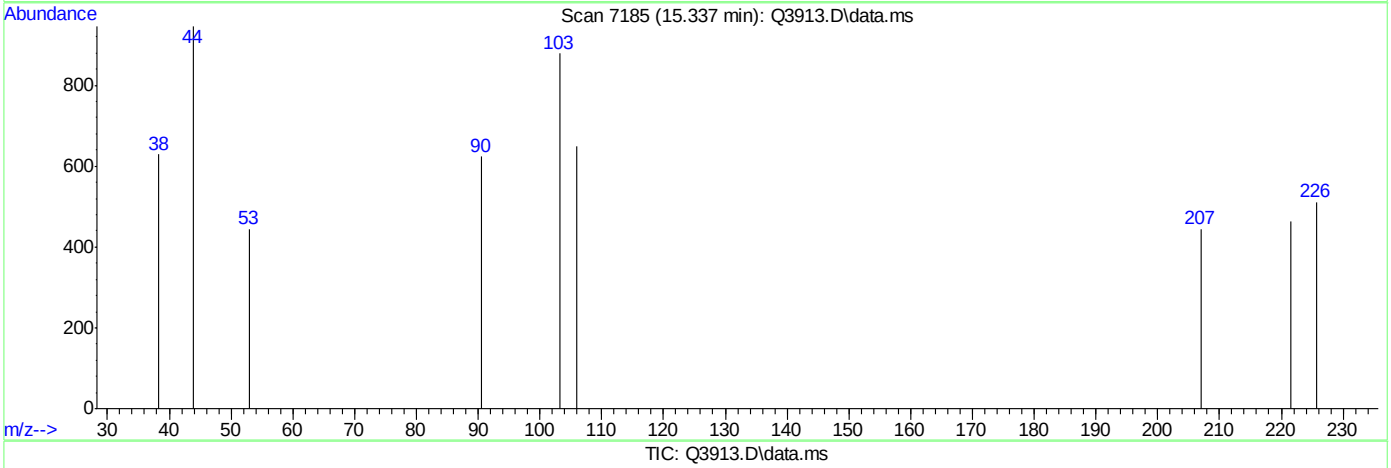
Ion	Exp%	Act%
43.00	100	100
58.00	52.00	18.29#
100.00	6.20	2.70
0.00	0.00	0.00

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

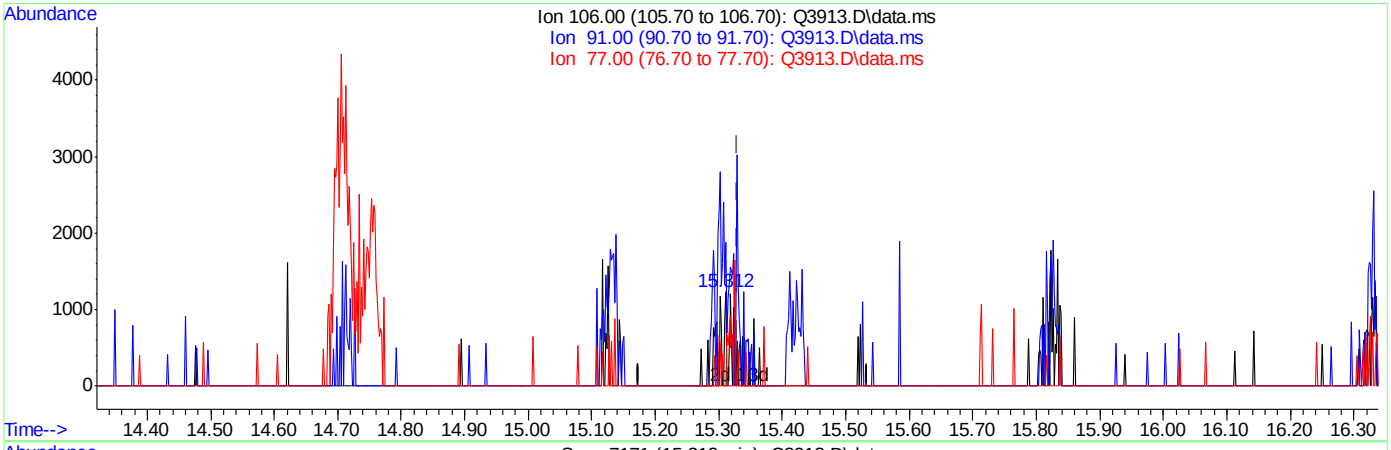
response 417

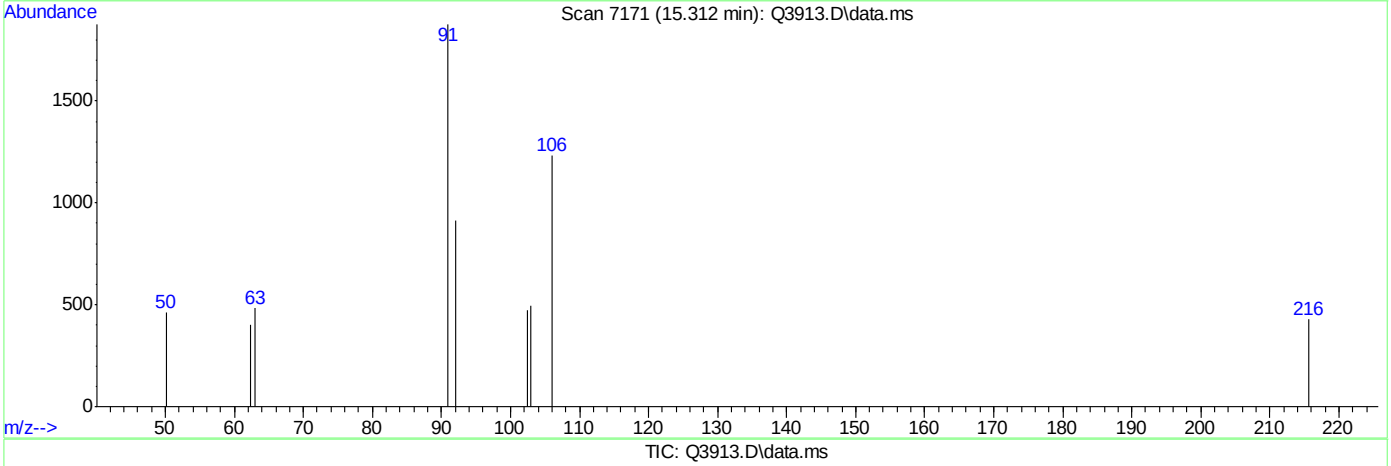
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	0.00#
77.00	27.30	0.00#
0.00	0.00	0.00

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

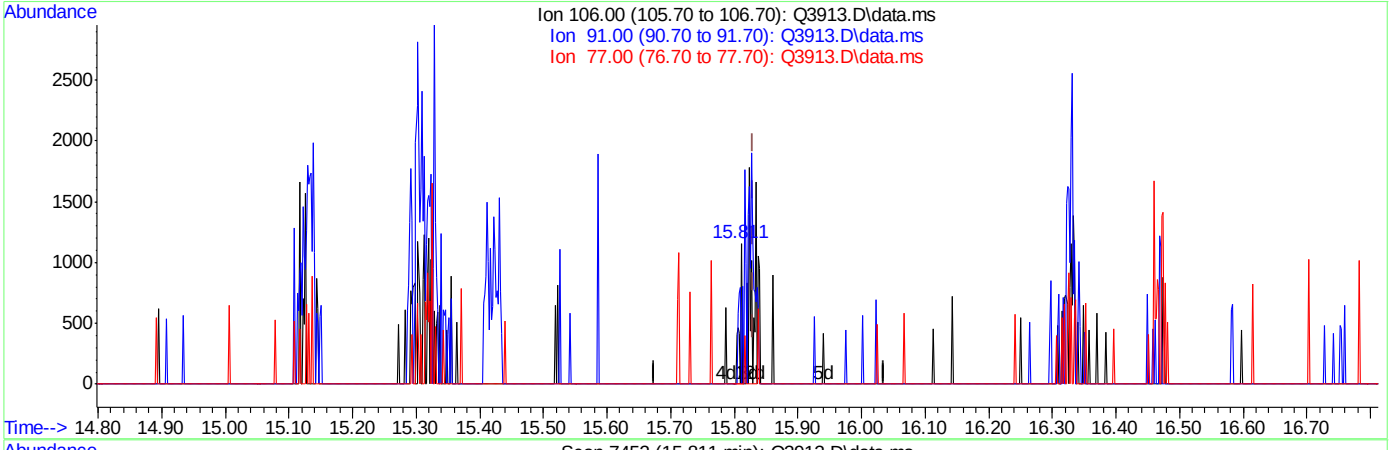
response 1708

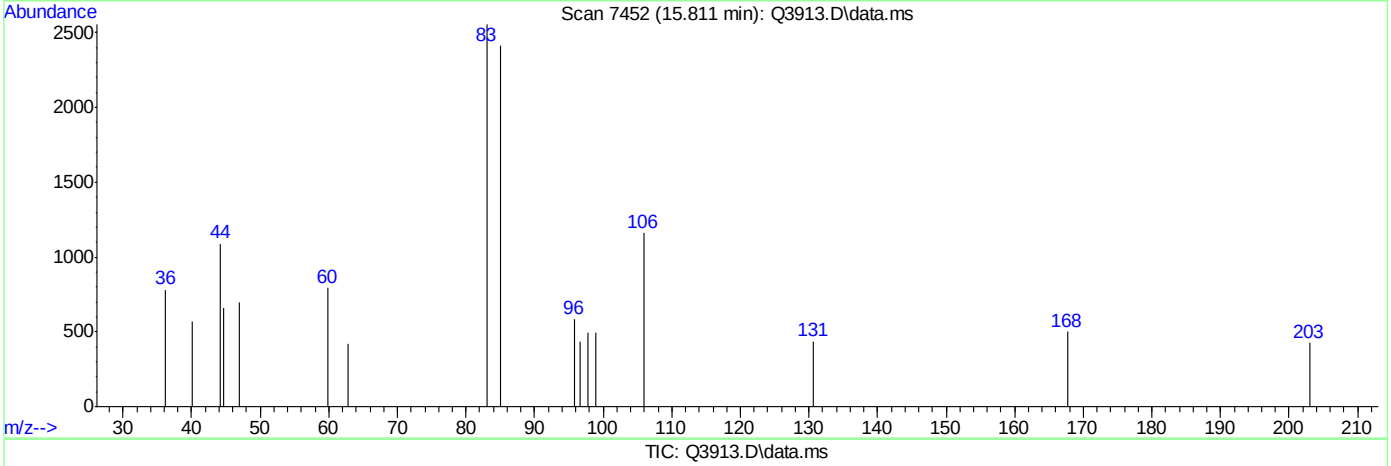
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	152.40#
77.00	27.30	0.00#
0.00	0.00	0.00

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

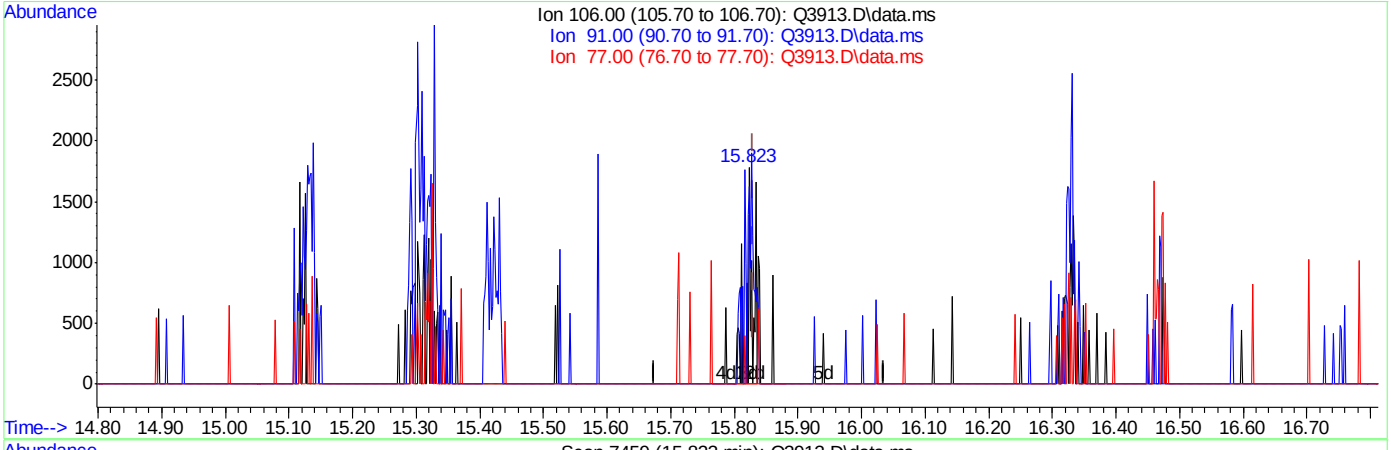
response 261

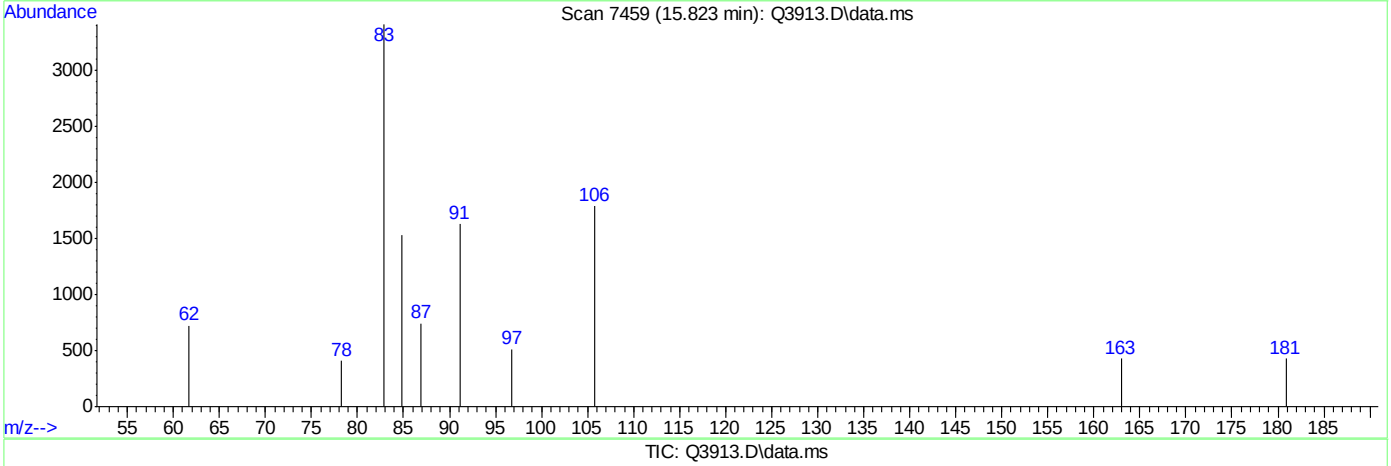
Ion	Exp%	Act%
106.00	100	100
91.00	216.20	232.18
77.00	27.80	16.48
0.00	0.00	0.00

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

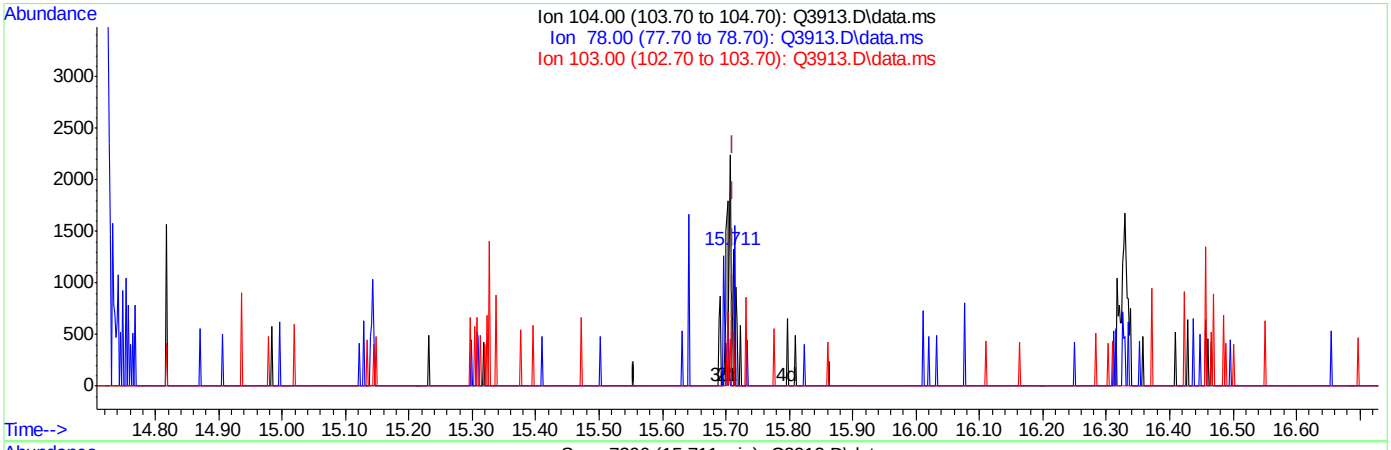
response 1352

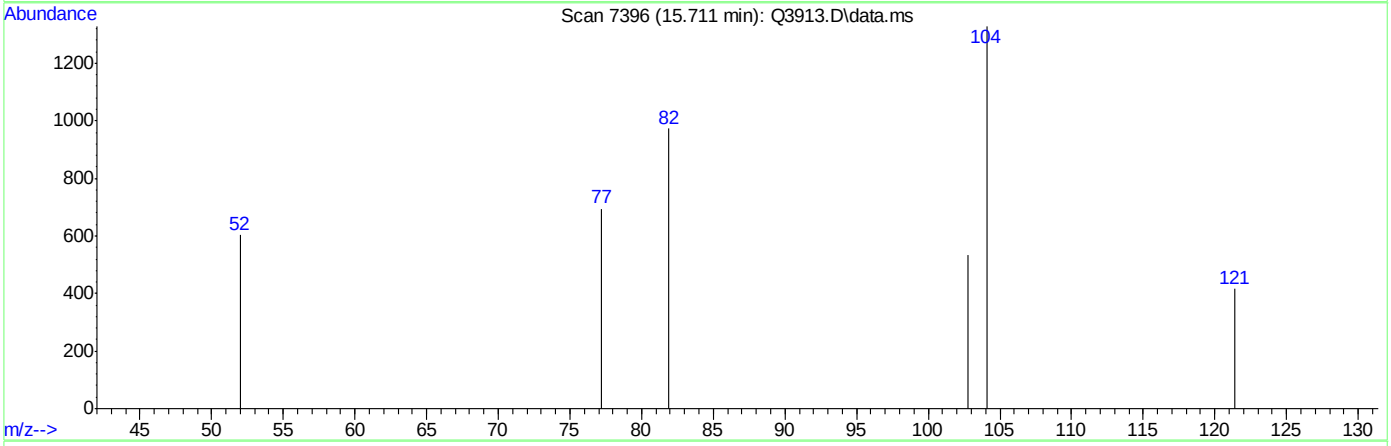
Ion	Exp%	Act%
106.00	100	100
91.00	216.20	44.82#
77.00	27.80	3.18#
0.00	0.00	0.00

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

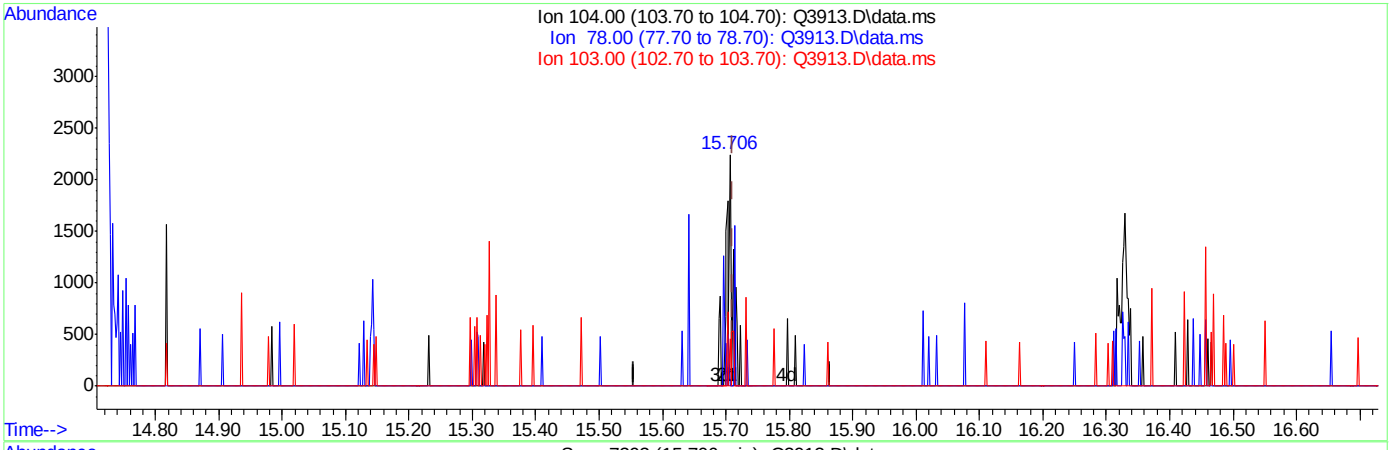
response 372

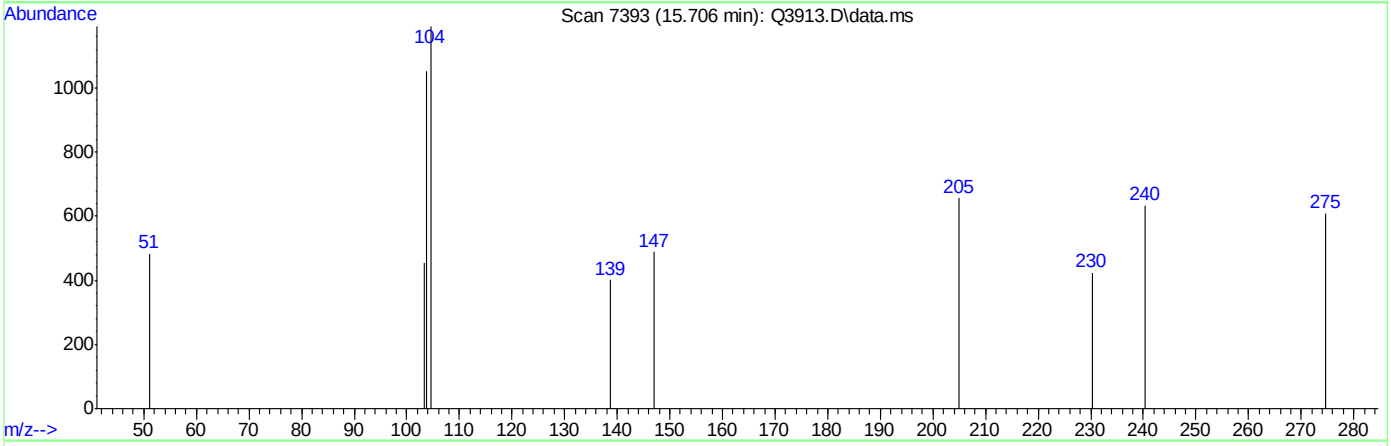
Ion	Exp%	Act%
104.00	100	100
78.00	48.20	0.00#
103.00	45.90	43.55
0.00	0.00	0.00

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

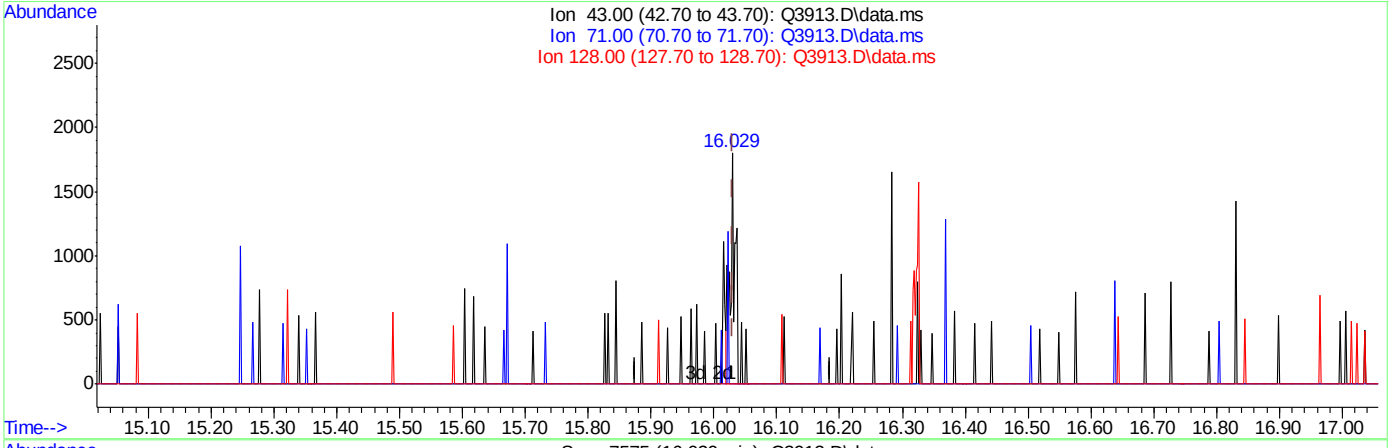
response 1328

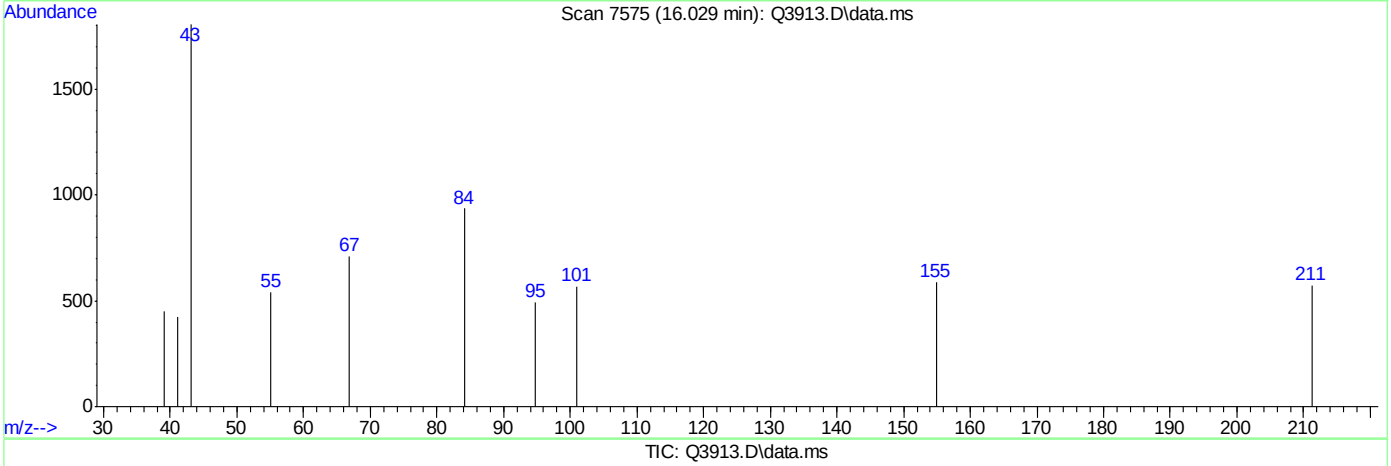
Ion	Exp%	Act%
104.00	100	100
78.00	48.20	0.00#
103.00	45.90	12.20#
0.00	0.00	0.00

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

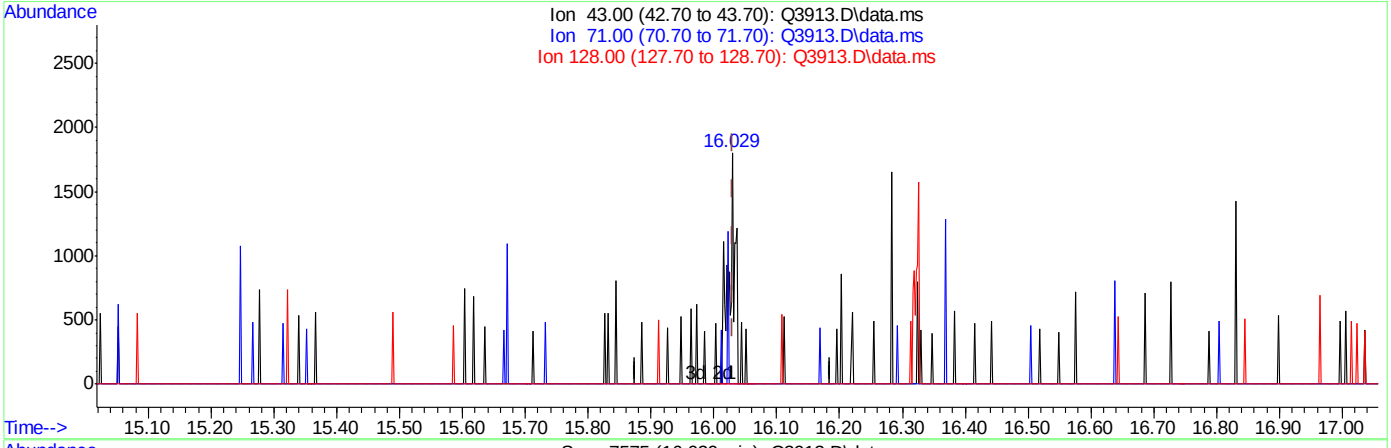
response 1090

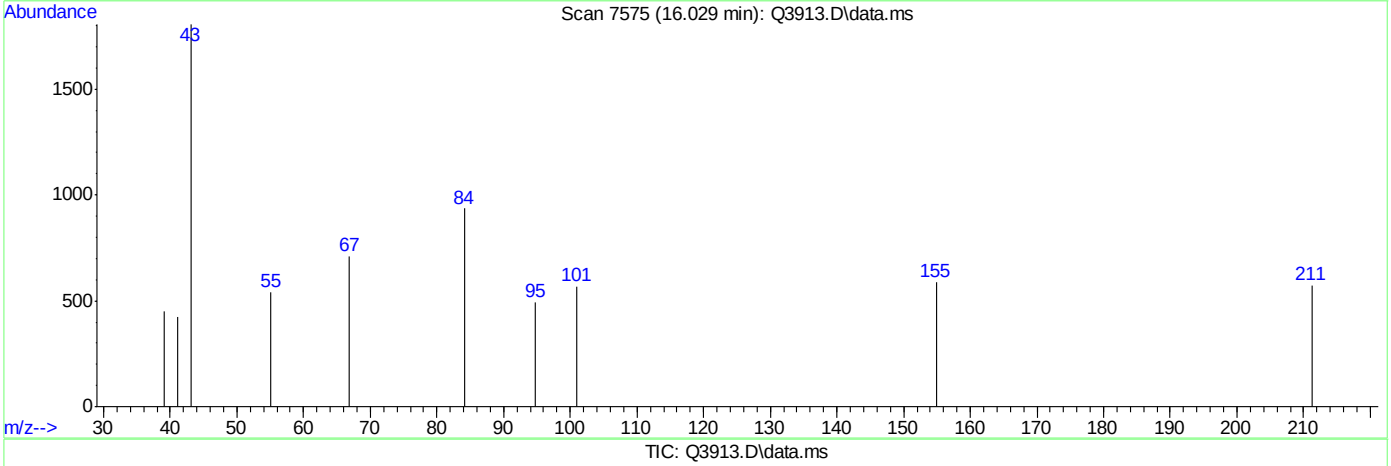
Ion	Exp%	Act%
43.00	100	100
71.00	19.00	15.78
128.00	3.70	0.00
0.00	0.00	0.00

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

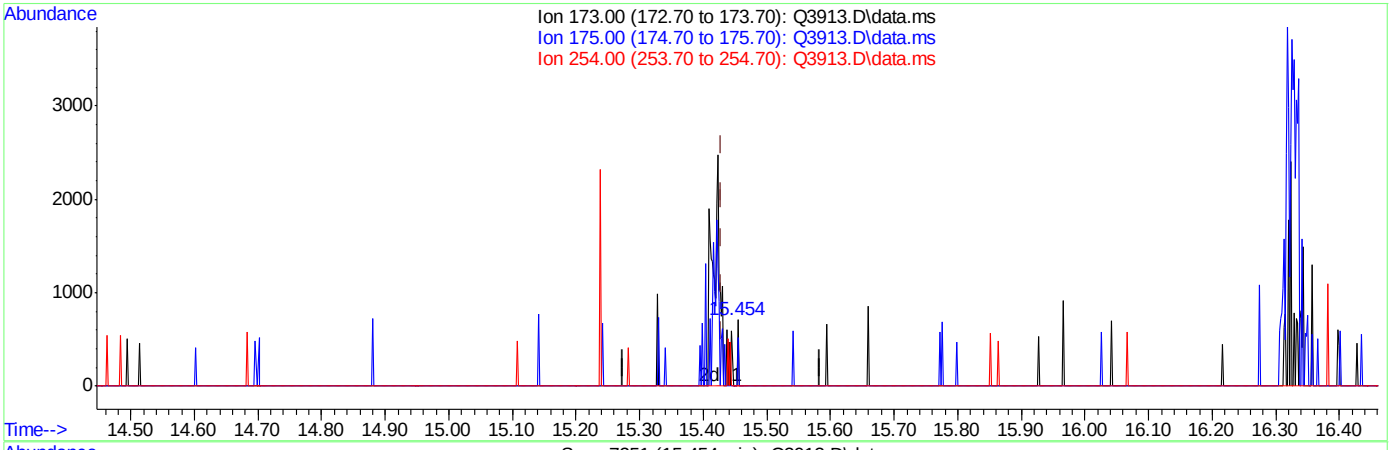
response 1414

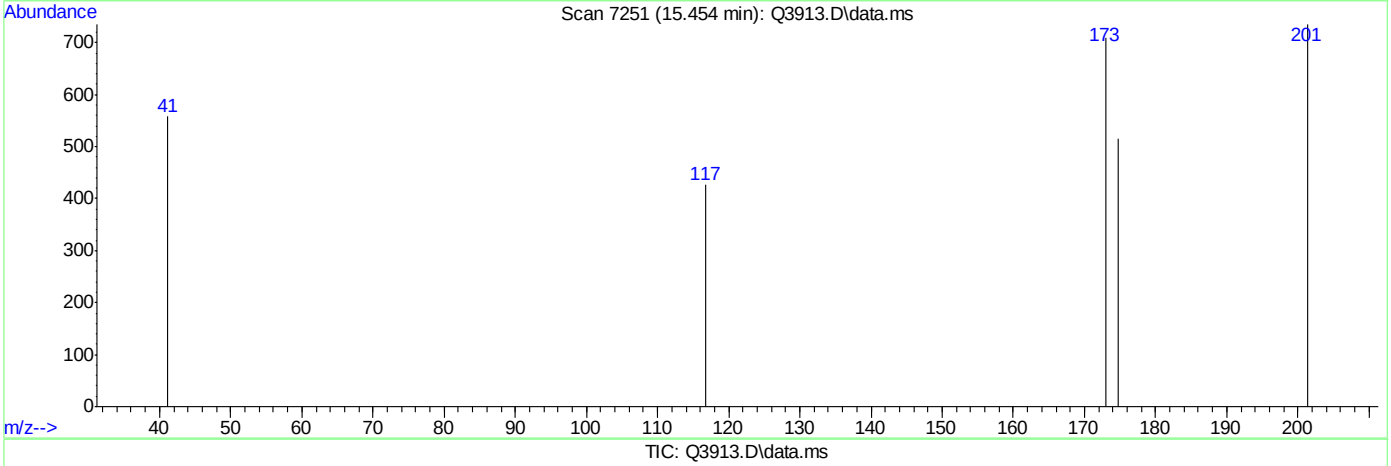
Ion	Exp%	Act%
43.00	100	100
71.00	19.00	12.16
128.00	3.70	0.00
0.00	0.00	0.00

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

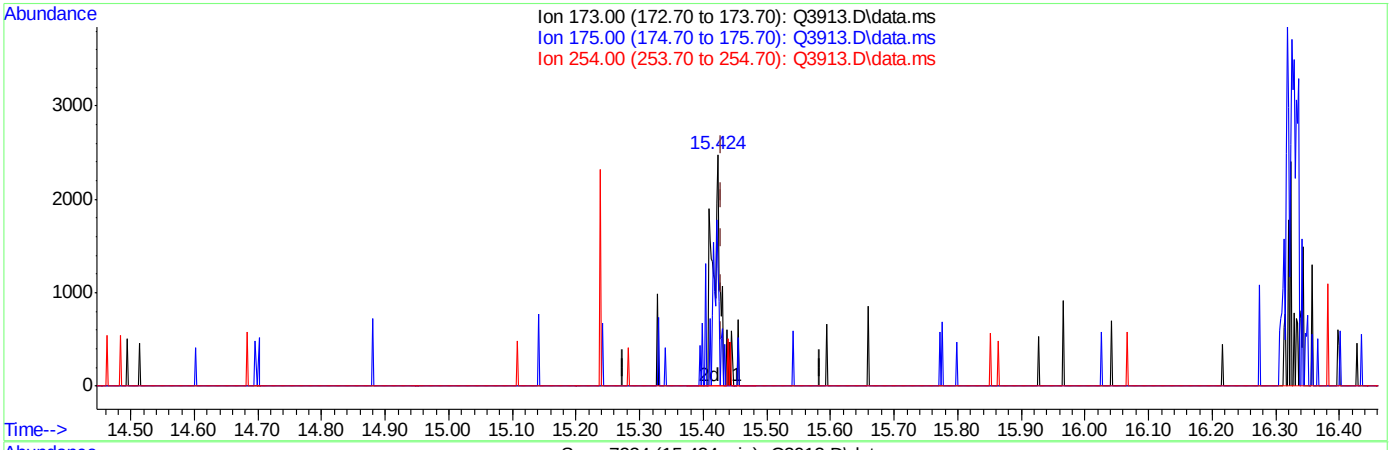
response 76

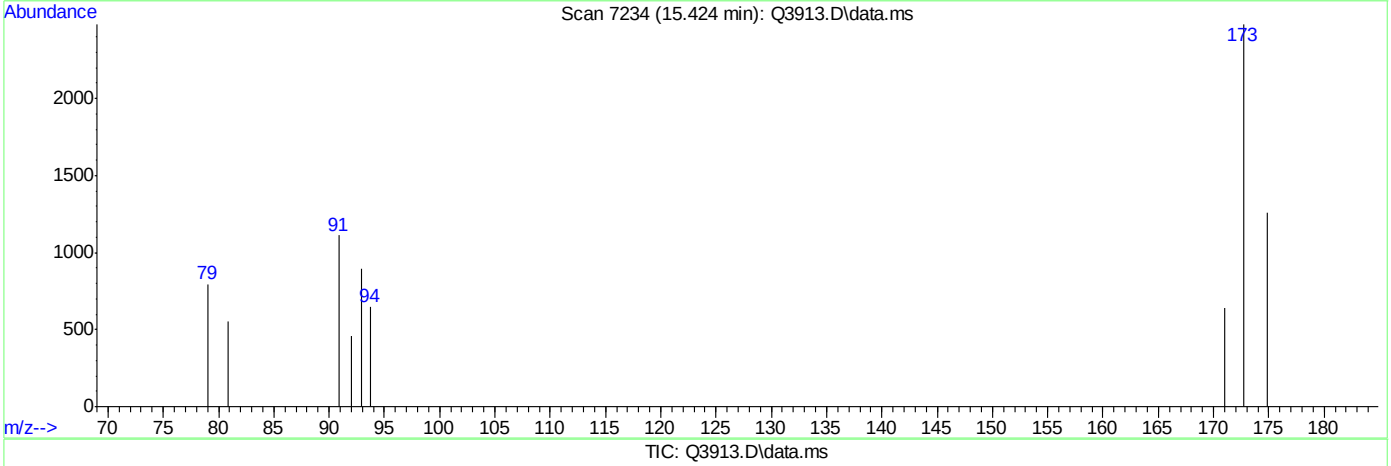
Ion	Exp%	Act%
173.00	100	100
175.00	47.60	72.37#
254.00	5.20	138.16#
0.00	0.00	0.00

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

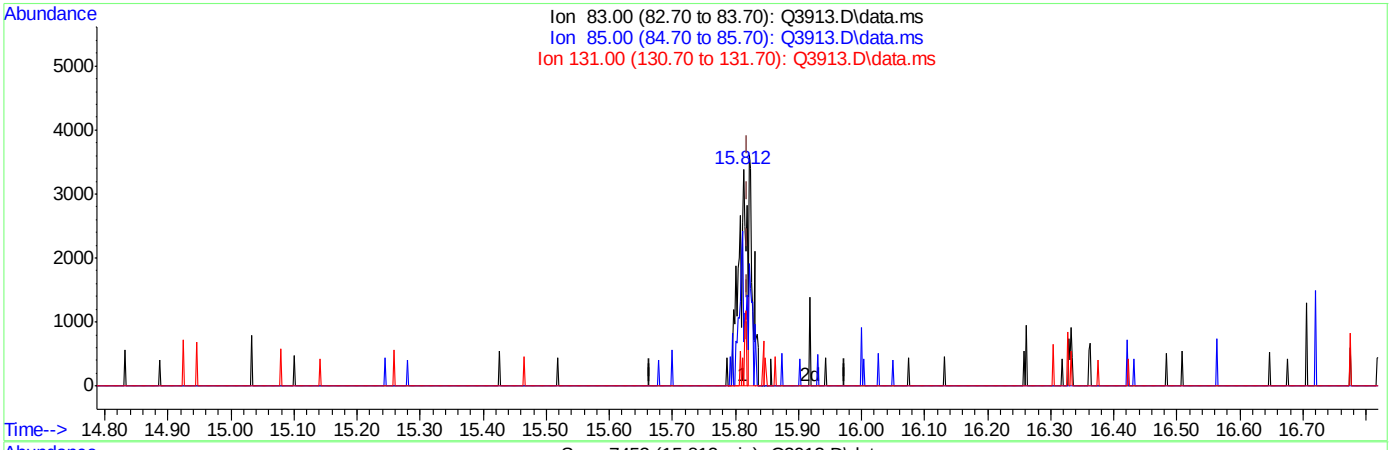
response 2152

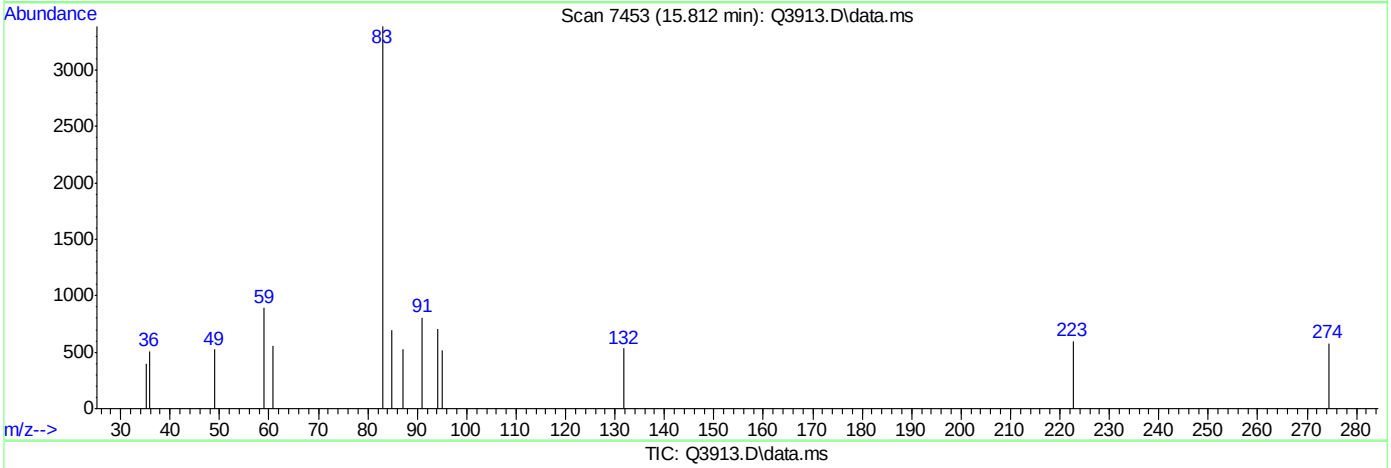
Ion	Exp%	Act%
173.00	100	100
175.00	47.60	2.56#
254.00	5.20	4.88
0.00	0.00	0.00

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

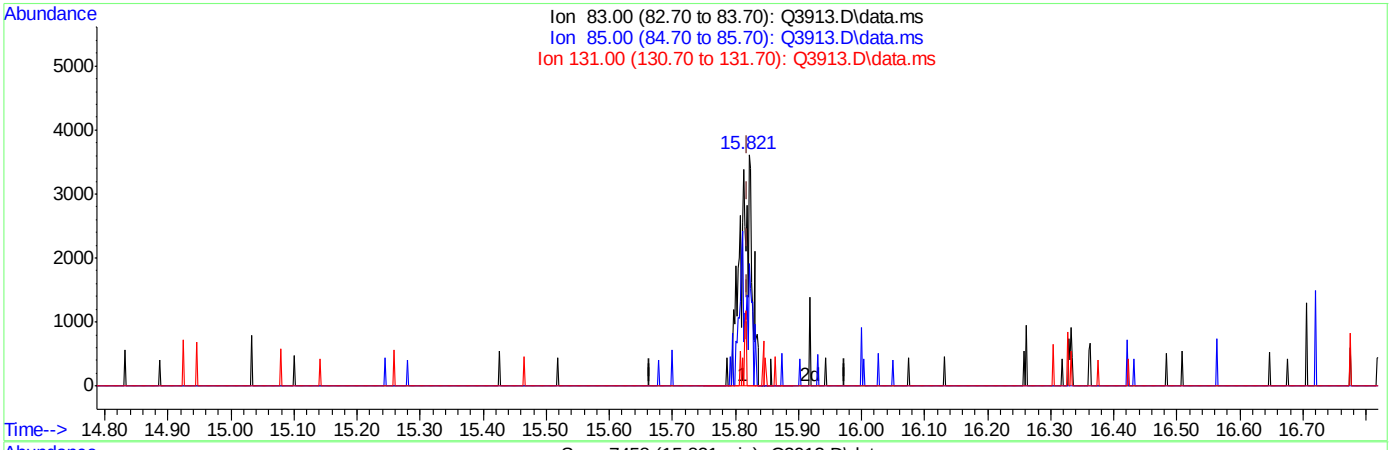
response 2969

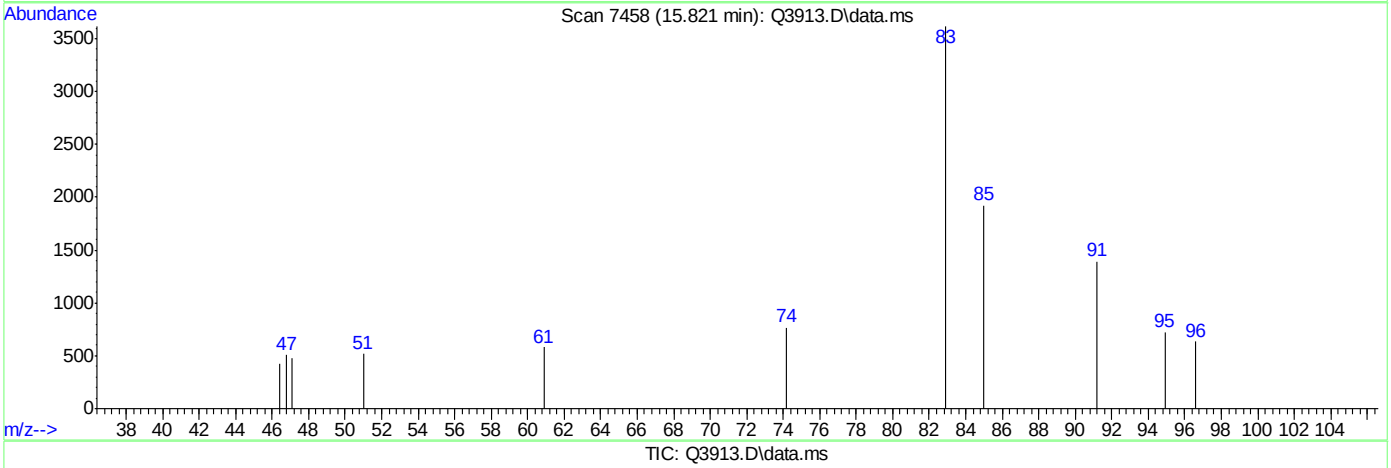
Ion	Exp%	Act%
83.00	100	100
85.00	63.90	50.56
131.00	10.20	0.00
0.00	0.00	0.00

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

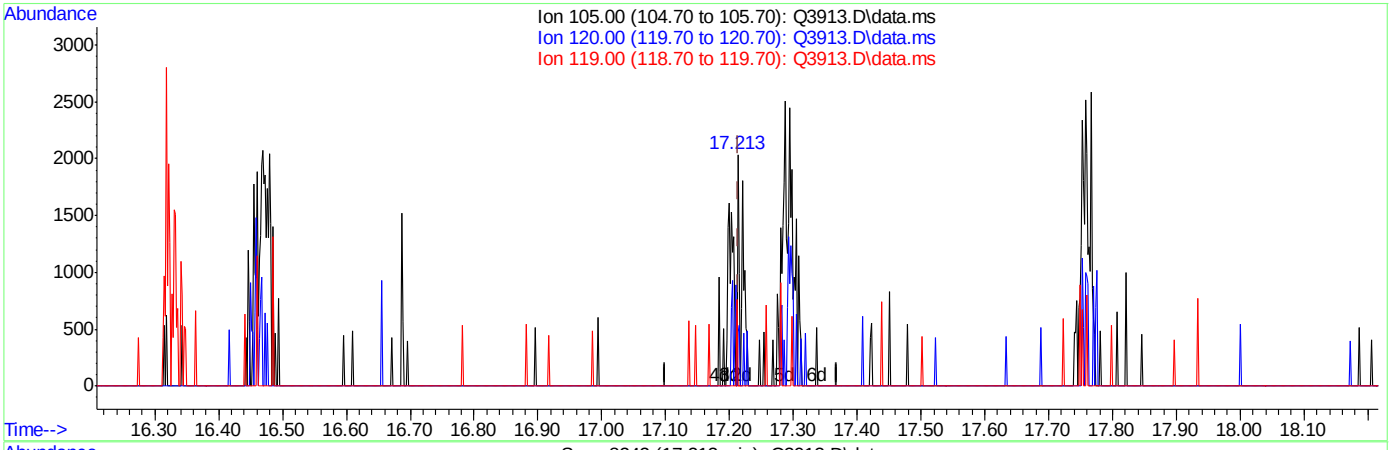
response 4632

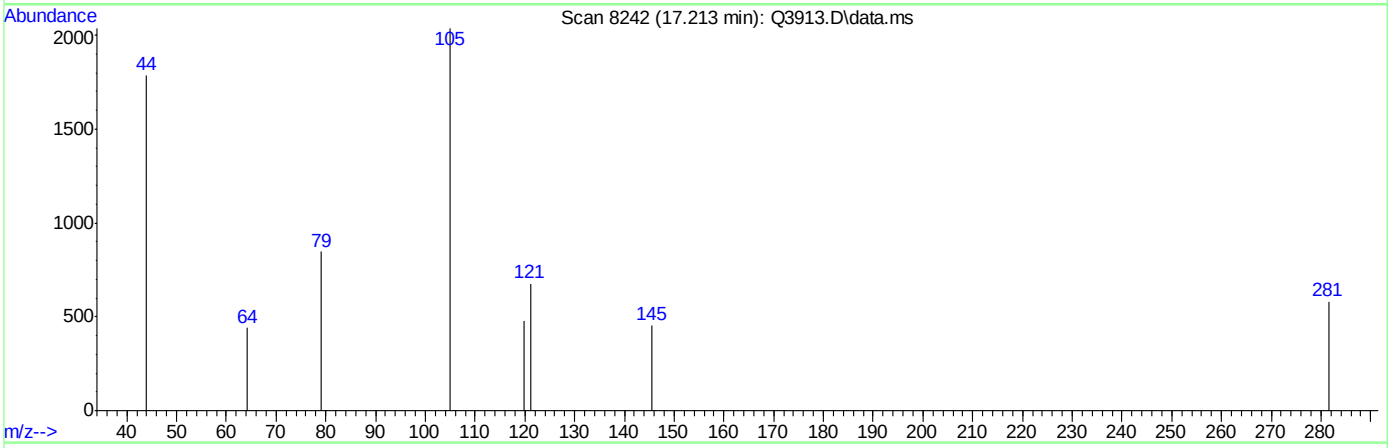
Ion	Exp%	Act%
83.00	100	100
85.00	63.90	32.41#
131.00	10.20	0.00
0.00	0.00	0.00

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

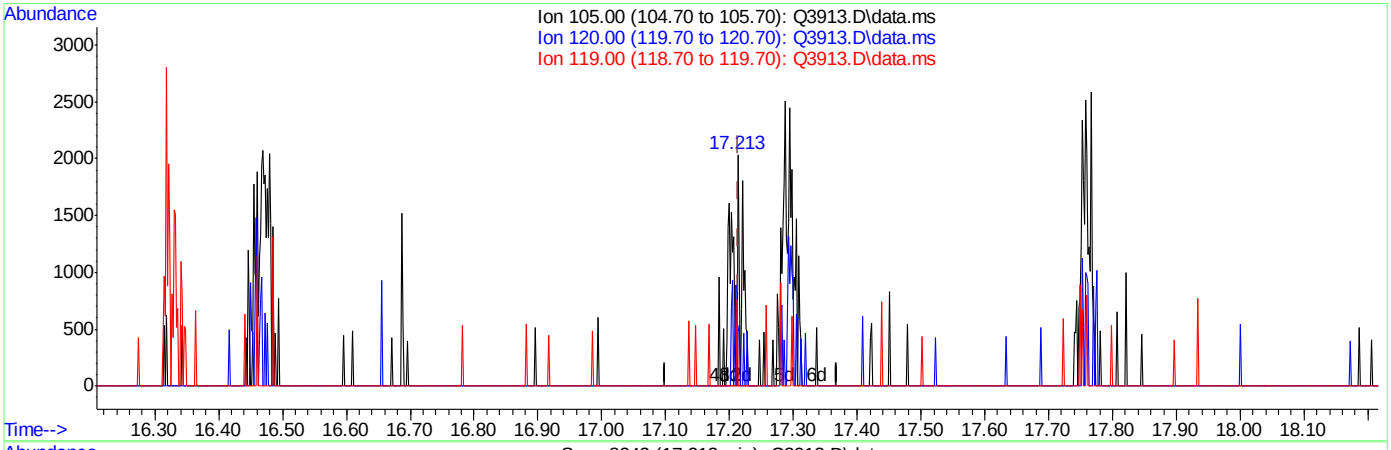
response 322

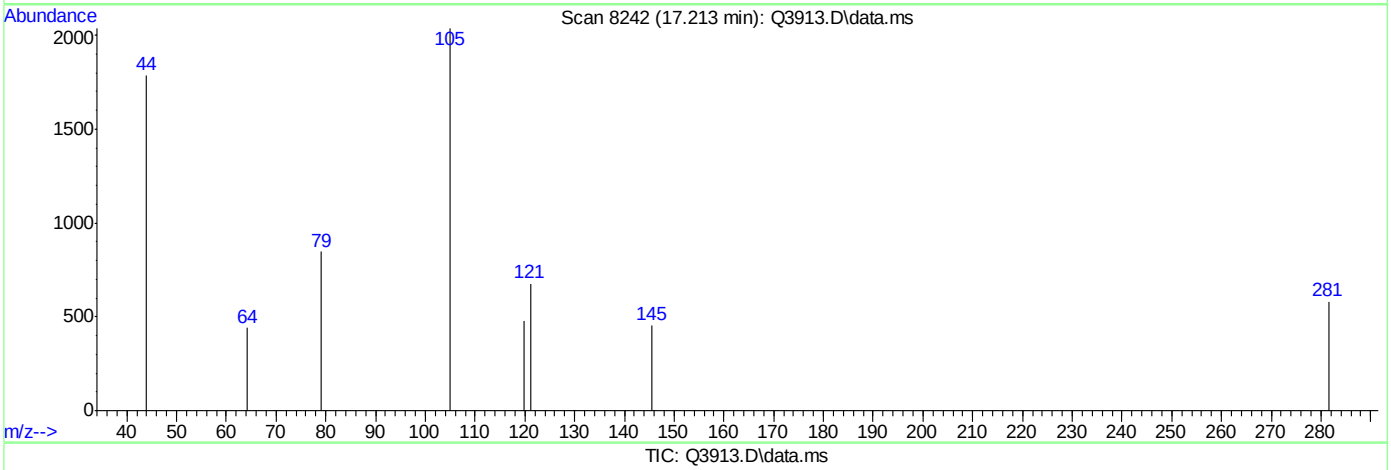
Ion	Exp%	Act%
105.00	100	100
120.00	29.20	0.00#
119.00	2.10	0.00
0.00	0.00	0.00

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

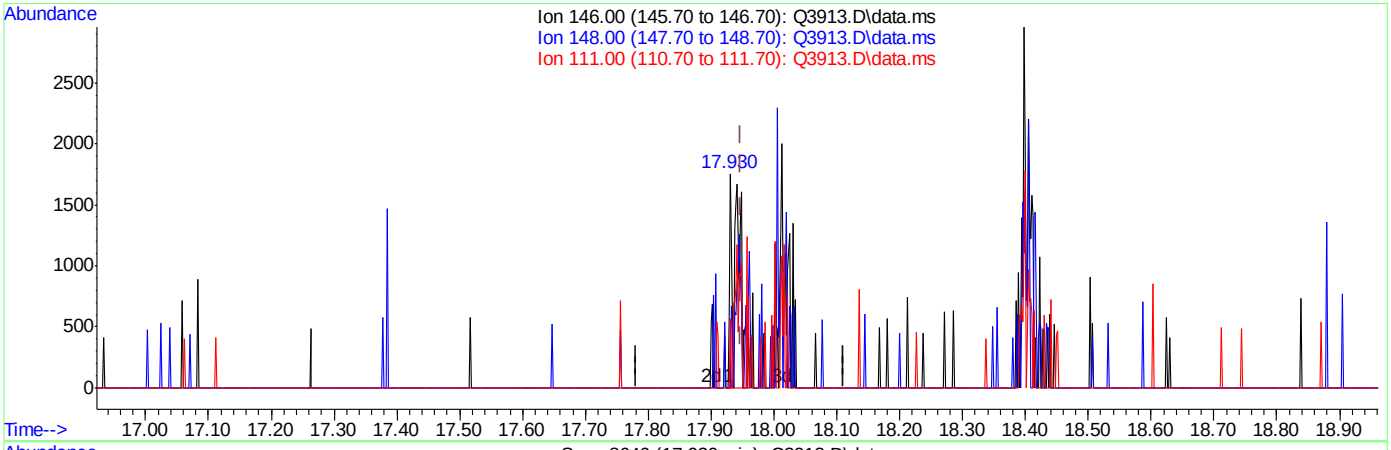
response 1932

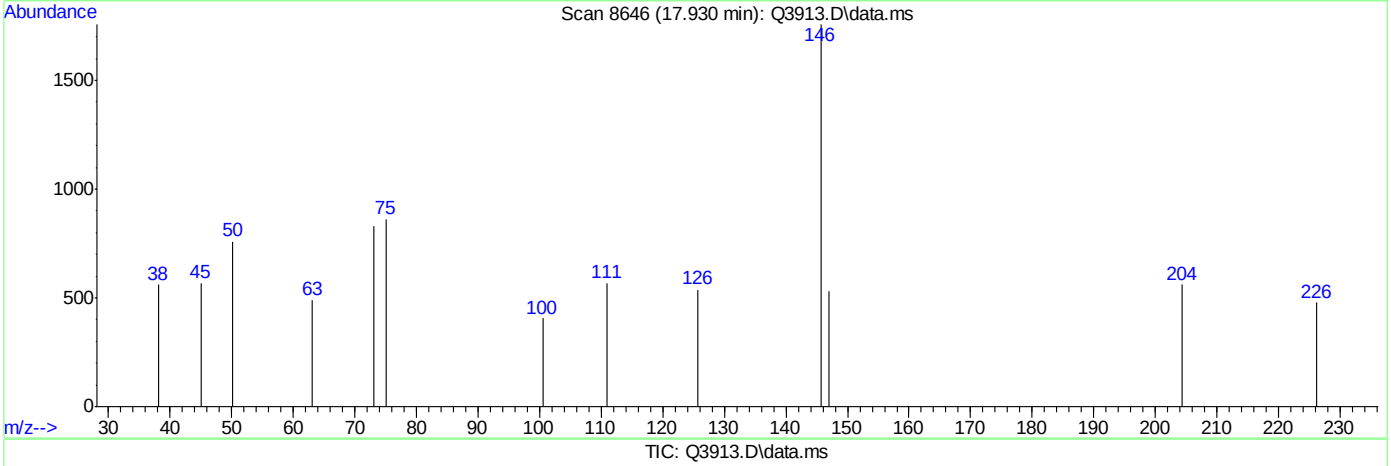
Ion	Exp%	Act%
105.00	100	100
120.00	29.20	0.00#
119.00	2.10	0.00
0.00	0.00	0.00

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

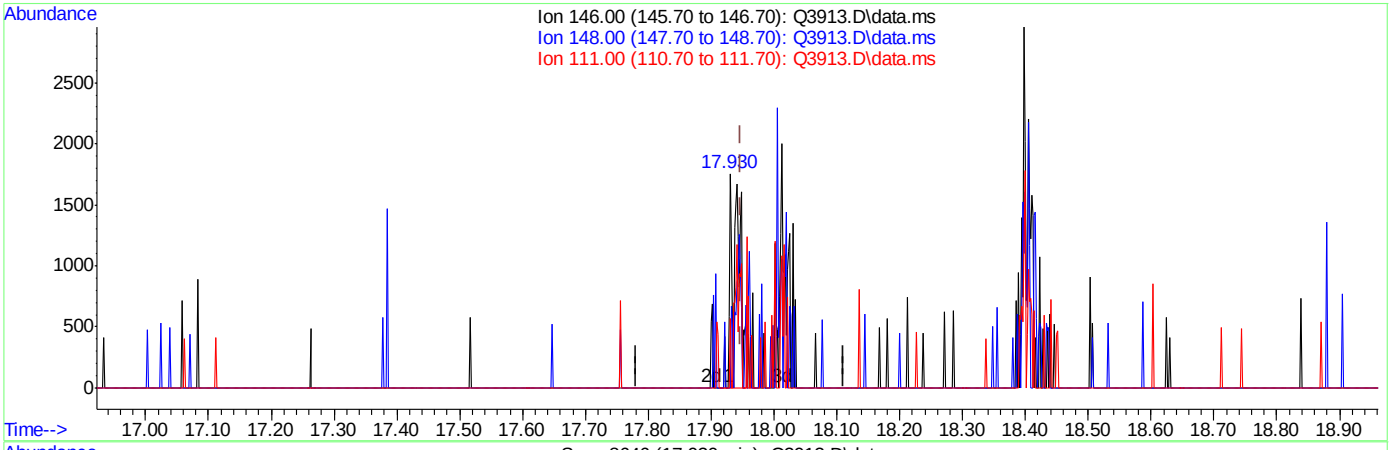
response 1690

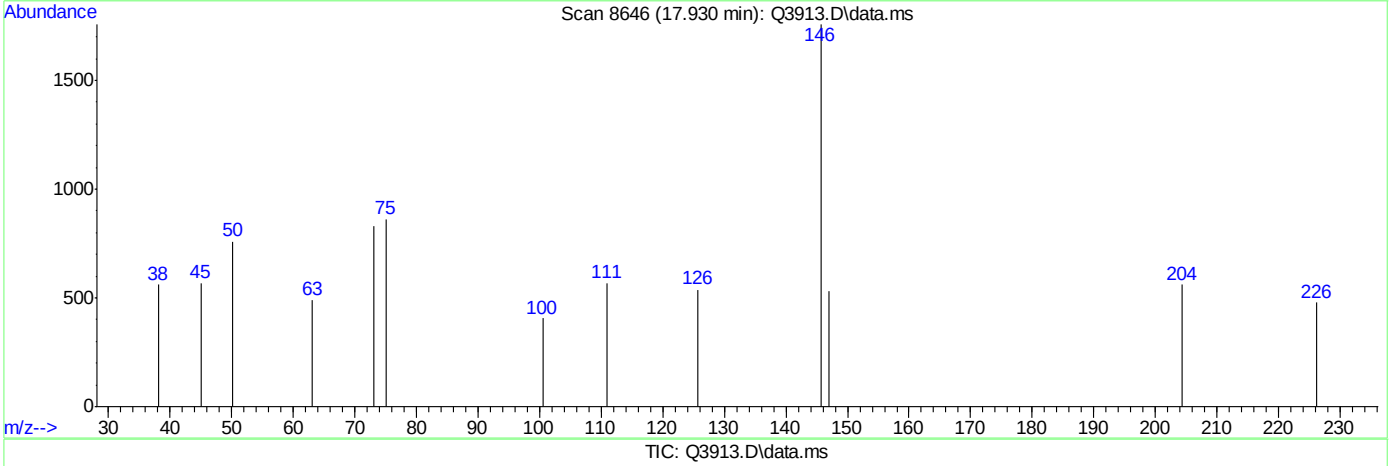
Ion	Exp%	Act%
146.00	100	100
148.00	62.90	44.08
111.00	42.30	45.86
0.00	0.00	0.00

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

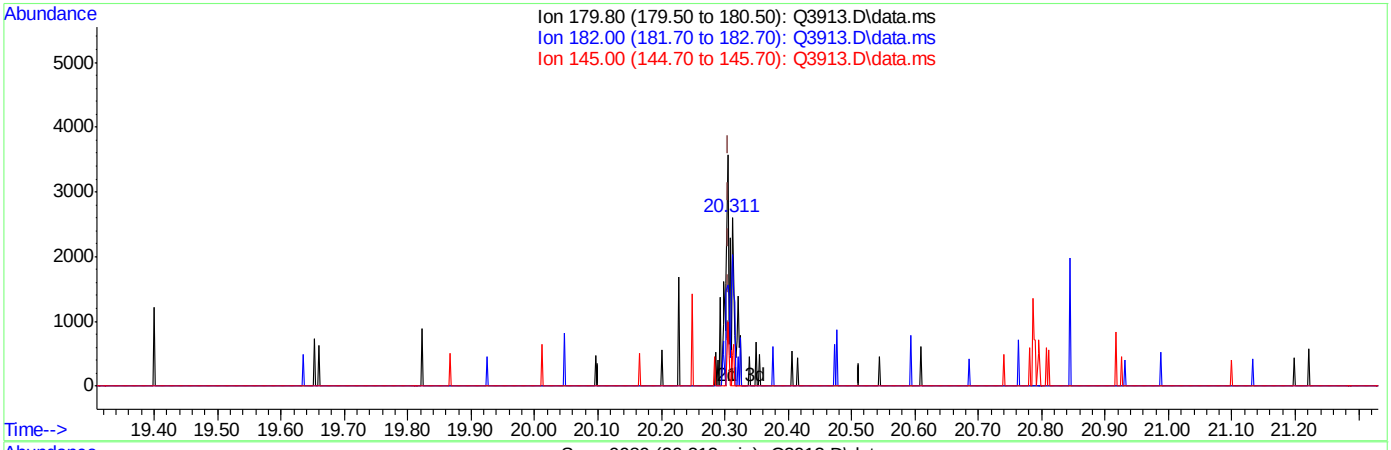
response 1861

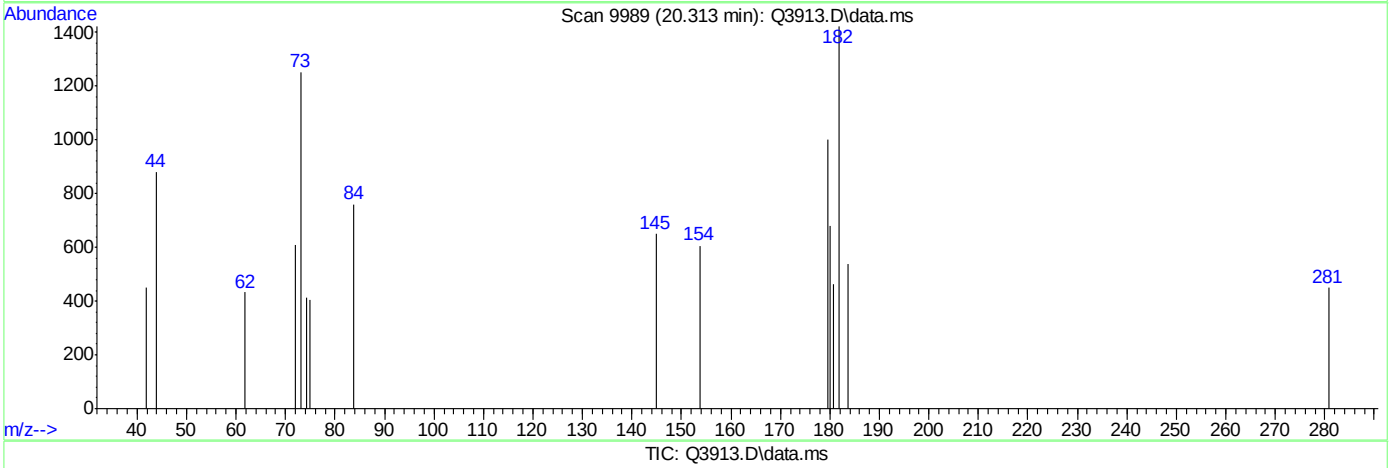
Ion	Exp%	Act%
146.00	100	100
148.00	62.90	40.03#
111.00	42.30	41.64
0.00	0.00	0.00

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

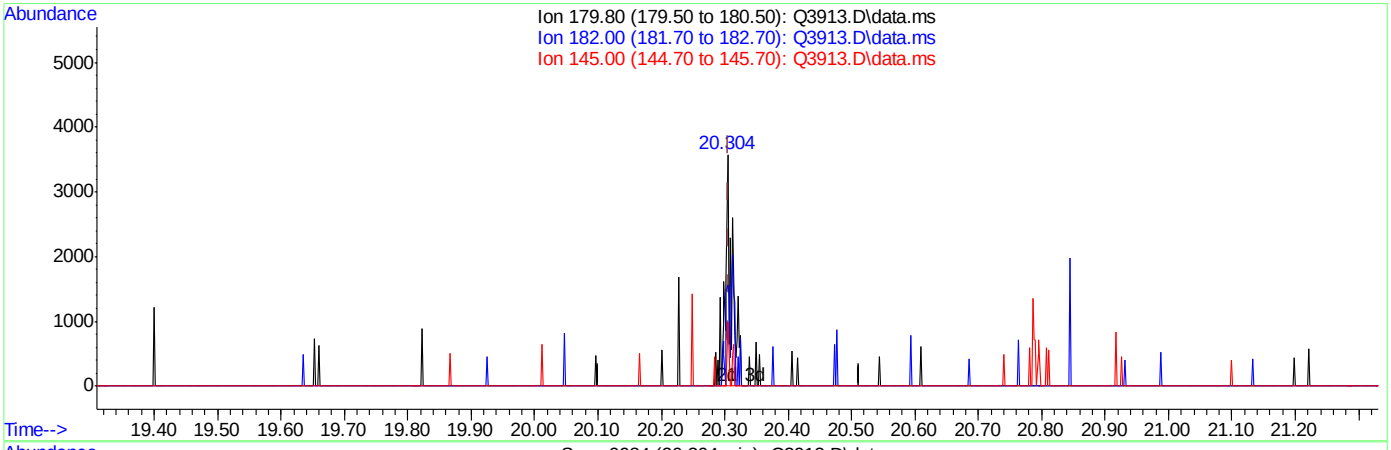
response 957

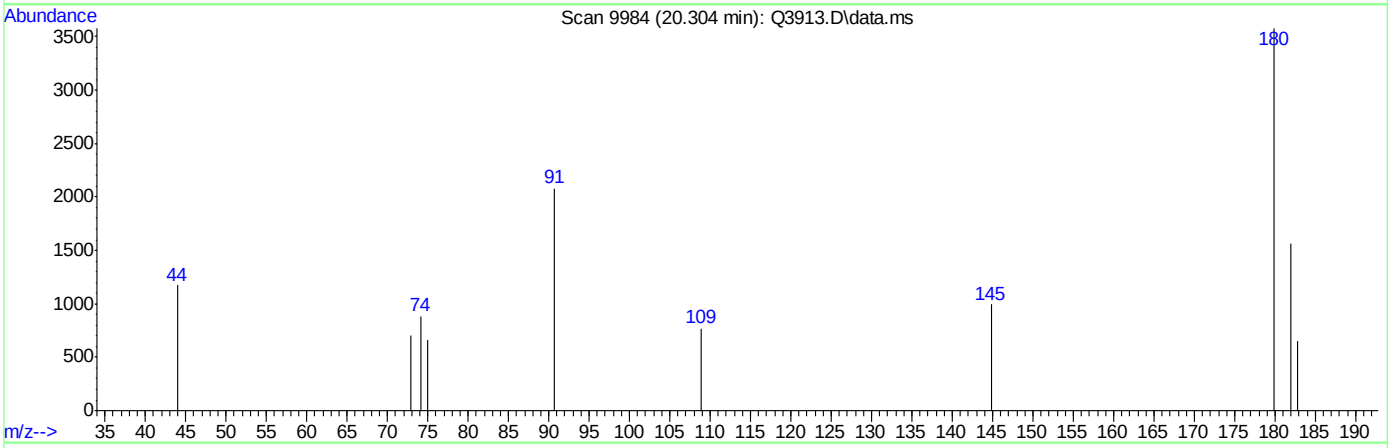
Ion	Exp%	Act%
179.80	100	100
182.00	95.40	141.69#
145.00	38.00	0.00#
0.00	0.00	0.00

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

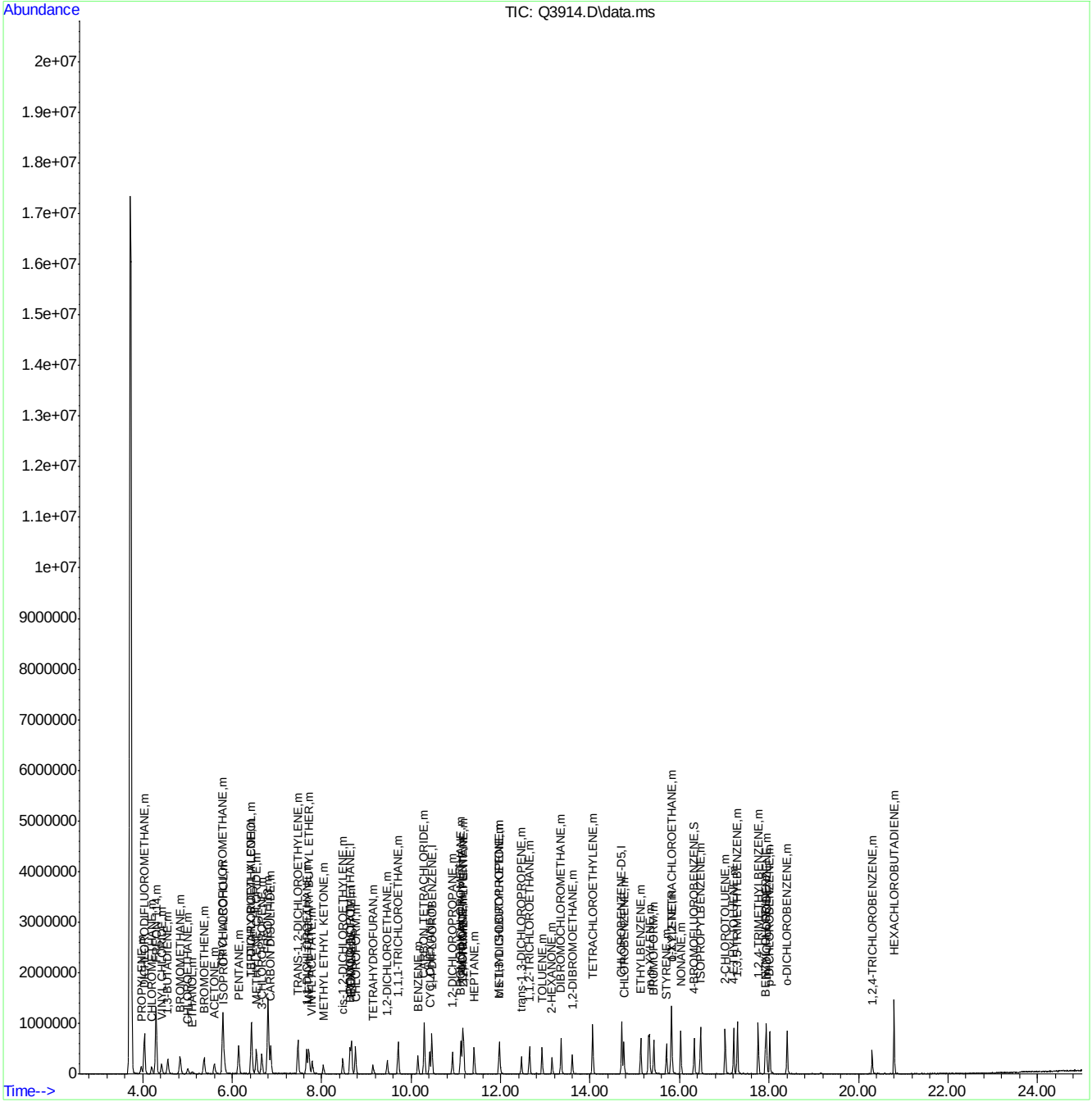
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.981	43	240700	11.45	PPBV	89
45) cis-1,3-DICHLOROPROPENE	11.963	75	169654	11.29	PPBV #	79
46) TOLUENE	12.927	92	161253	10.80	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.465	75	136310	9.04	PPBV	91
48) 1,1,2-TRICHLOROETHANE	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

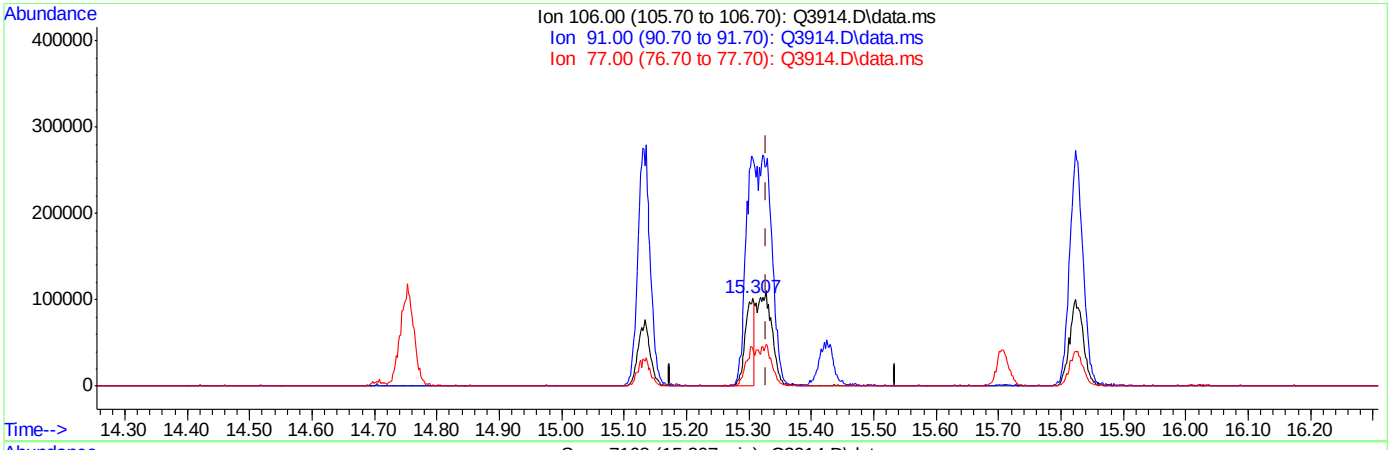
Quant Time: Jul 05 18:48:32 2007
Quant Method : C:\msdchem\1\METHODS\Q070507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jul 05 18:14:03 2007
Response via : Initial Calibration

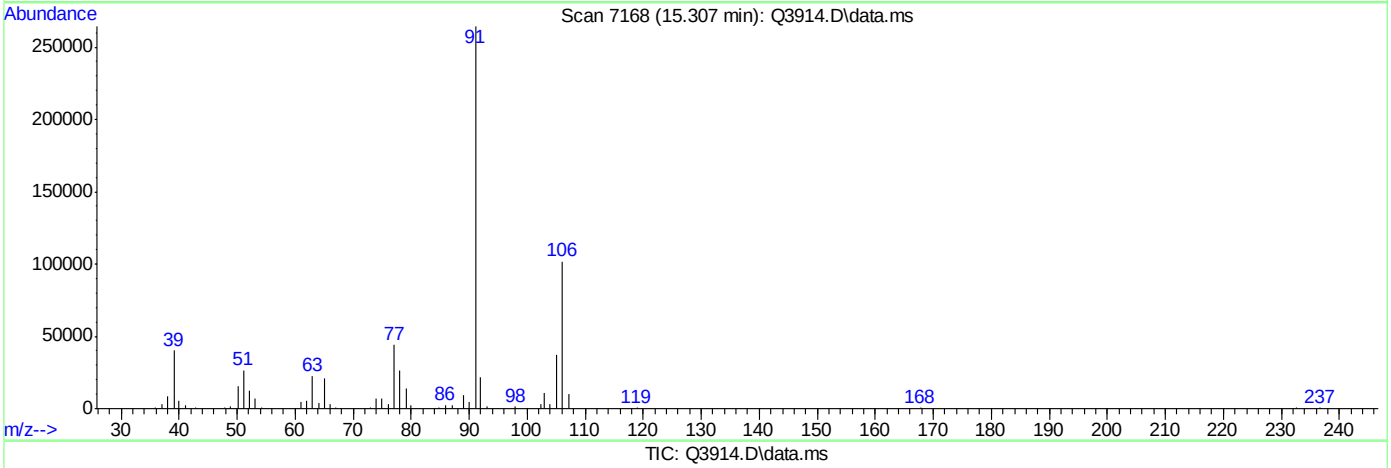


Quantitation Report (Qedit)

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

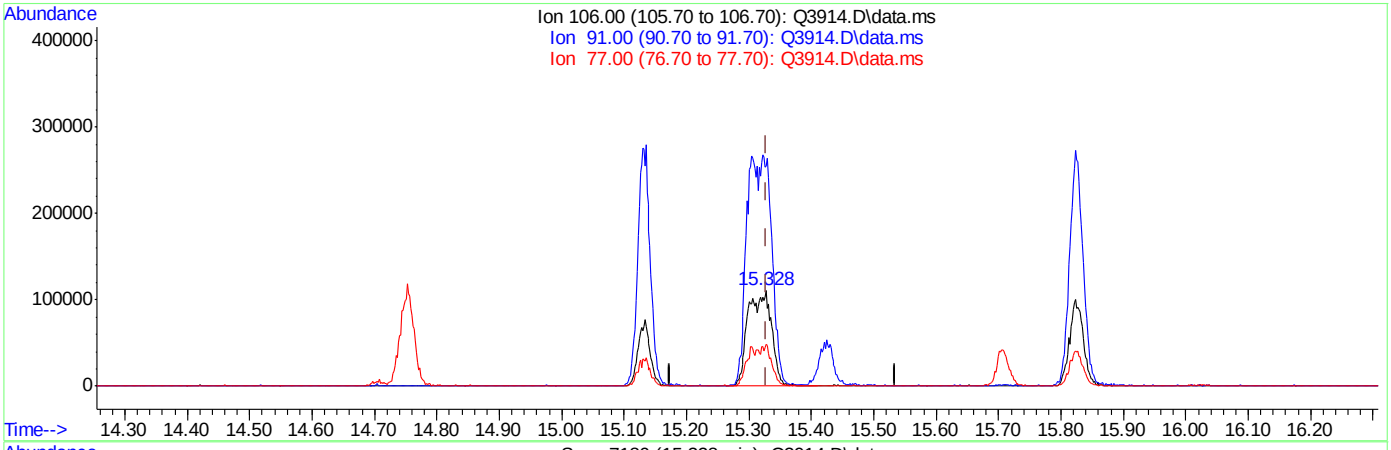
response 100212

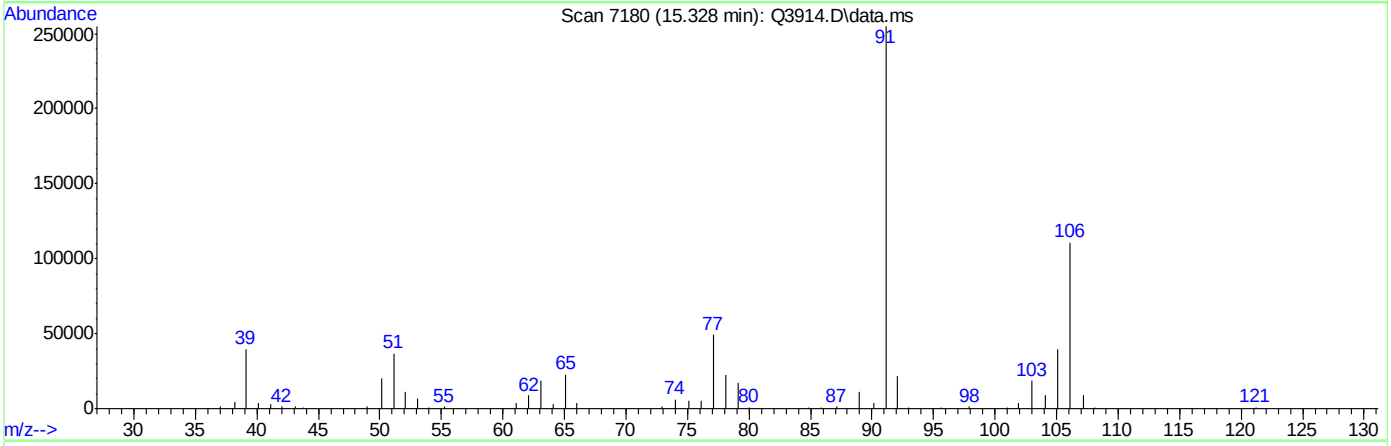
Ion	Exp%	Act%
106.00	100	100
91.00	201.30	259.26#
77.00	27.30	43.08#
0.00	0.00	0.00

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

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
10/03/07 13:34

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4765.D
Acq On : 2 Oct 2007 8:59 am
Operator : danat
Sample : ic246-0.5 (M051)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 02 09:26:41 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.621	128	213388	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.449	114	1013189	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.692	117	853864m	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.311	95	310839	4.72	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 94.40%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.030	85	75966	0.48	PPBV		100
3) PROPYLENE	3.960	41	8313	0.39	PPBV	#	71
4) FREON 114	4.289	85	65361	0.51	PPBV		91
5) CHLOROMETHANE	4.200	50	14549	0.52	PPBV		92
6) VINYL CHLORIDE	4.418	62	14144	0.44	PPBV		83
7) 1,3-BUTADIENE	4.548	39	11726	0.42	PPBV		97
8) BROMOMETHANE	4.832	94	18142	0.47	PPBV		98
9) CHLOROETHANE	5.006	64	6148	0.49	PPBV		89
10) TRICHLOROFLUOROMETHANE	5.779	101	79554	0.49	PPBV		100
11) ISOPROPYL ALCOHOL	5.836	45	32529	0.73	PPBV		93
12) ACETONE	5.600	43	30853	0.63	PPBV		86
13) PENTANE	6.138	42	15339	0.47	PPBV		86
14) 1,1-DICHLOROETHYLENE	6.415	96	16405	0.45	PPBV	#	77
15) CARBON DISULFIDE	6.846	76	49261	0.50	PPBV		92
16) ETHANOL	5.107	45	3990m	0.45	PPBV		
17) BROMOETHENE	5.359	106	16315	0.44	PPBV	#	95
18) METHYLENE CHLORIDE	6.532	84	36864	0.73	PPBV		81
19) 3-CHLOROPROPENE	6.647	39	14609	0.42	PPBV		80
20) FREON 113	6.786	151	40846	0.49	PPBV		98
21) TRANS-1,2-DICHLOROETHY...	7.460	96	16492	0.46	PPBV	#	86
22) TERTIARY BUTYL ALCOHOL	6.433	59	22603	0.40	PPBV		78
23) METHYL TERTIARY BUTYL ...	7.709	73	29210	0.41	PPBV		96
24) TETRAHYDROFURAN	9.150	42	5822	0.32	PPBV	#	73
25) HEXANE	8.656	57	18473	0.46	PPBV		95
26) VINYL ACETATE	7.776	43	18968	0.35	PPBV		92
27) 1,1-DICHLOROETHANE	7.657	63	28549	0.49	PPBV		99
28) METHYL ETHYL KETONE	8.037	43	19267	0.43	PPBV		98
29) cis-1,2-DICHLOROETHYLENE	8.456	96	9488	0.36	PPBV		91
30) ETHYL ACETATE	8.656	43	33389	0.48	PPBV		97
31) CHLOROFORM	8.743	83	42191	0.55	PPBV		99
32) 1,1,1-TRICHLOROETHANE	9.698	97	46508	0.54	PPBV		99
33) CARBON TETRACHLORIDE	10.280	117	57335	0.50	PPBV		96
34) 1,2-DICHLOROETHANE	9.446	62	21629	0.44	PPBV		94
36) BENZENE	10.142	78	26952	0.40	PPBV		89
37) CYCLOHEXANE	10.403	84	12973	0.40	PPBV	#	71
38) TRICHLOROETHYLENE	11.138	95	19381	0.45	PPBV		89
39) 1,2-DICHLOROPROPANE	10.909	63	10326	0.48	PPBV		93
40) BROMODICHLOROMETHANE	11.095	83	39049	0.51	PPBV		97
41) 2,2,4-TRIMETHYLPENTANE	11.157	57	50280	0.45	PPBV	#	87
42) 1,4-DIOXANE	11.145	88	3468m	0.32	PPBV		
43) HEPTANE	11.395	43	14594	0.36	PPBV		85

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4765.D
Acq On : 2 Oct 2007 8:59 am
Operator : danat
Sample : ic246-0.5 (M051)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 02 09:26:41 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration

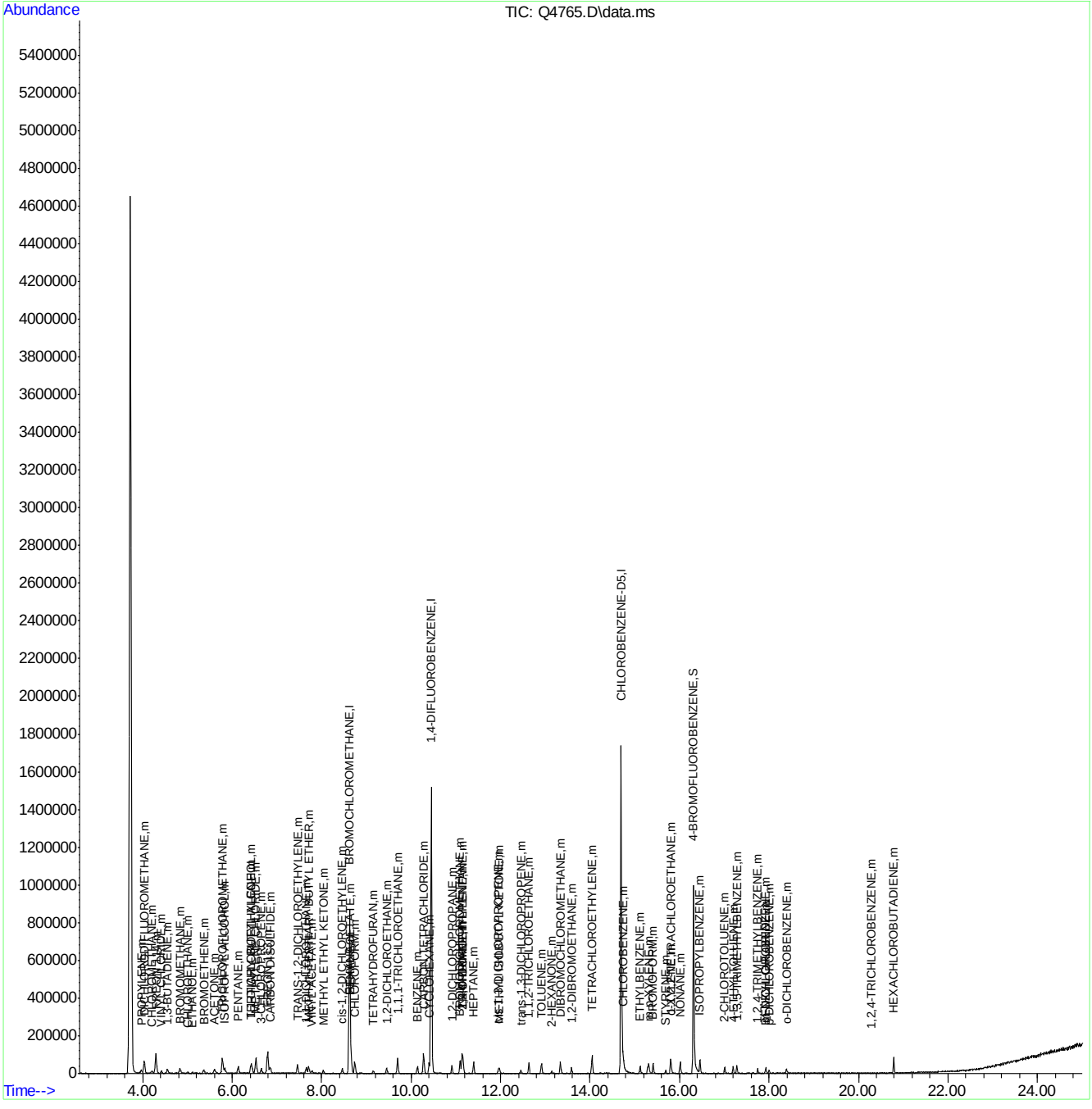
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.977	43	15035	0.32	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.947	75	10658	0.31	PPBV #	53
46) TOLUENE	12.916	92	19562	0.36	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.453	75	7964	0.25	PPBV	97
48) 1,1,2-TRICHLOROETHANE	12.635	83	11391	0.49	PPBV	98
50) 2-HEXANONE	13.141	43	7812	0.20	PPBV	96
51) TETRACHLOROETHYLENE	14.046	164	18243	0.42	PPBV	97
52) DIBROMOCHLOROMETHANE	13.342	129	29477	0.44	PPBV #	100
53) 1,2-DIBROMOETHANE	13.585	107	15676	0.35	PPBV	96
54) CHLOROBENZENE	14.739	112	27948	0.43	PPBV	92
55) ETHYLBENZENE	15.115	91	26629	0.29	PPBV	96
56) m,p-XYLENE	15.299	106	19548	0.57	PPBV #	58
57) o-XYLENE	15.812	106	9337	0.27	PPBV	92
58) STYRENE	15.693	104	7809	0.16	PPBV	82
59) NONANE	16.011	43	14994	0.32	PPBV	96
60) BROMOFORM	15.408	173	23410	0.37	PPBV	96
62) 1,1,2,2-TETRACHLOROETHANE	15.802	83	20782	0.39	PPBV	97
63) ISOPROPYLBENZENE	16.453	105	37705	0.34	PPBV	94
64) 2-CHLOROTOLUENE	17.007	91	19334	0.24	PPBV	97
65) 4-ETHYLTOLUENE	17.197	105	19143	0.21	PPBV	93
66) 1,3,5-TRIMETHYLBENZENE	17.278	105	21845	0.23	PPBV	93
67) 1,2,4-TRIMETHYLBENZENE	17.743	105	13513	0.18	PPBV	85
68) m-DICHLOROBENZENE	17.930	146	9884	0.19	PPBV	97
69) BENZYL CHLORIDE	17.908	91	5271	0.11	PPBV	76
70) p-DICHLOROBENZENE	18.001	146	8134	0.17	PPBV	89
71) o-DICHLOROBENZENE	18.391	146	9248	0.21	PPBV	94
72) HEXACHLOROBUTADIENE	20.783	225	12799	0.38	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.294	180	143	0.01	PPBV	91

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4765.D
Acq On : 2 Oct 2007 8:59 am
Operator : danat
Sample : ic246-0.5 (M051)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 1 Sample Multiplier: 1

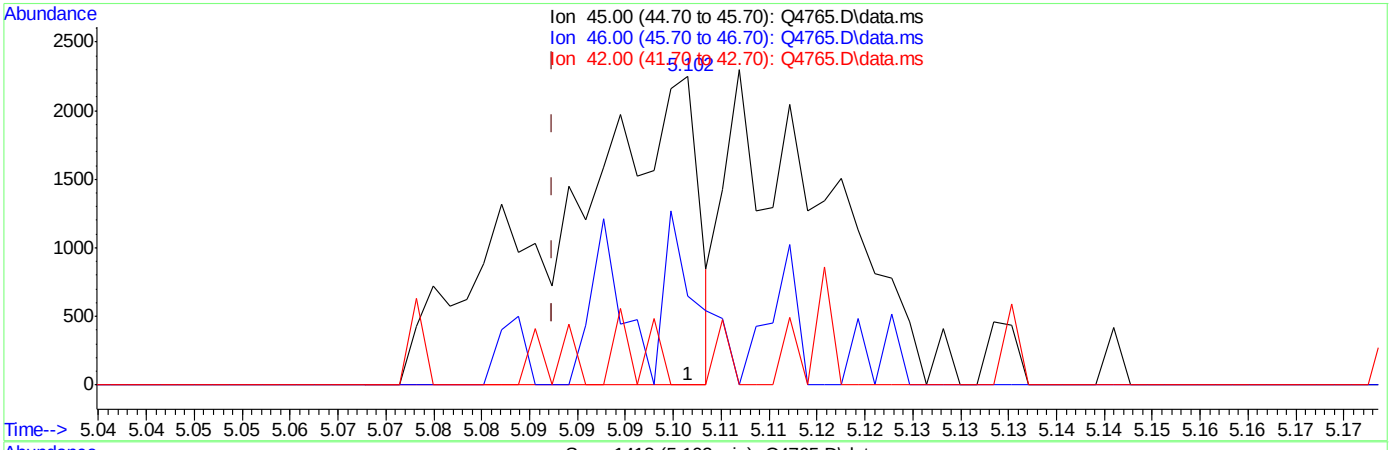
Quant Time: Oct 02 09:26:41 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration

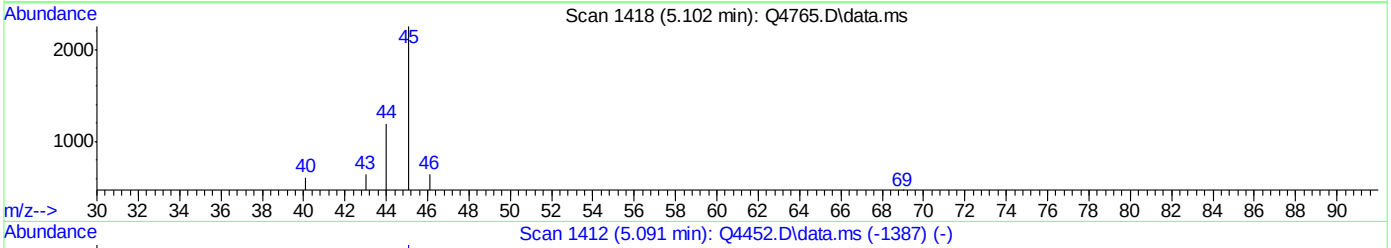


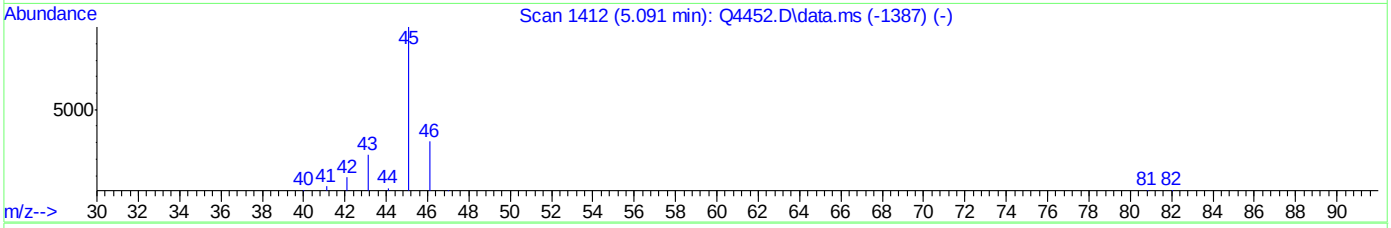
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4765.D
Acq On : 2 Oct 2007 8:59 am
Operator : danat
Sample : ic246-0.5 (M051)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 02 09:25:14 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration







TIC: Q4765.D\data.ms

(16) ETHANOL (m)

5.102min (+0.014) 0.27PPBV

response 2327

Ion	Exp%	Act%
45.00	100	100
46.00	32.80	38.07
42.00	13.10	6.49
0.00	0.00	0.00

ACCUTEST Laboratories M68147

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q4765.D
Acq On    :  2 Oct 2007   8:59 am
Operator  : danat
Sample    : ic246-0.5 (M051)
Misc      : MS14329,MSQ246,,,,,1
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Oct 02 09:25:14 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration
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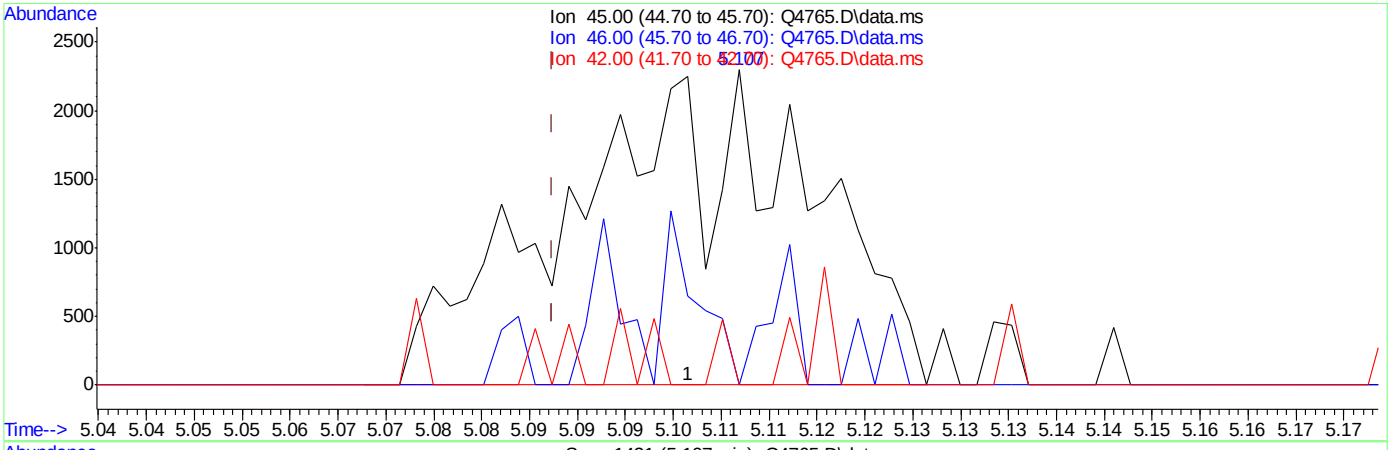
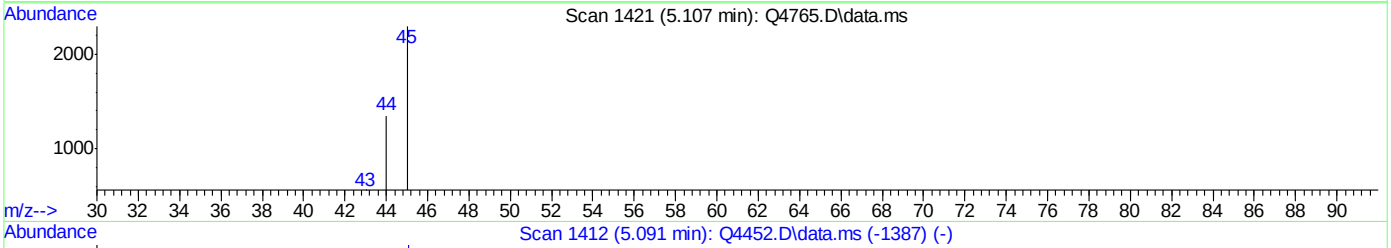
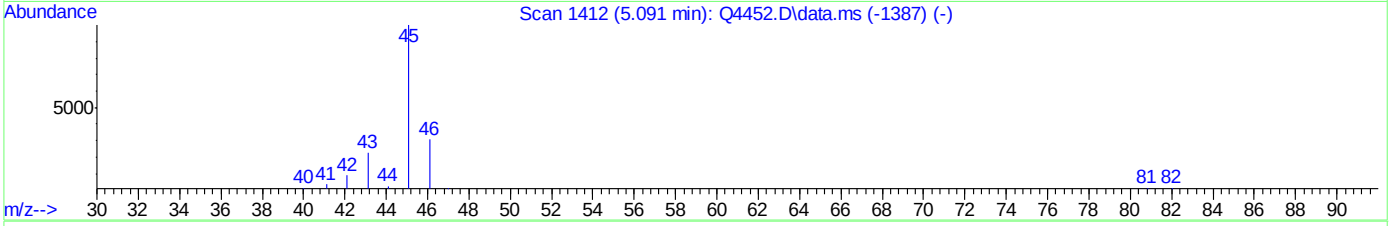






TIC: Q4765.D\data.ms

(16) ETHANOL (m)

5.107min (+0.019) 0.45PPBV m

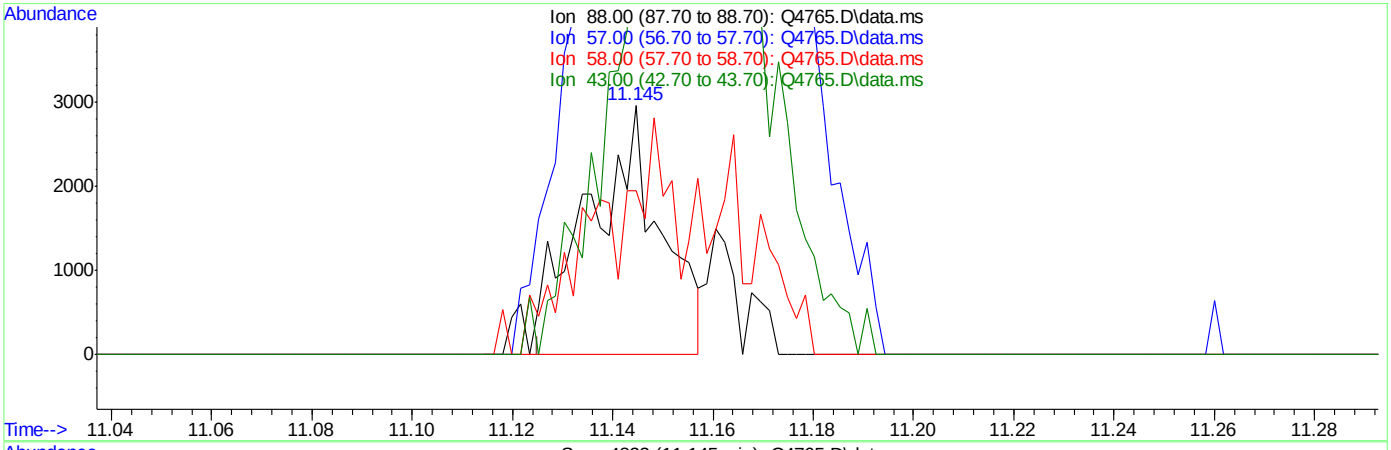
response 3990

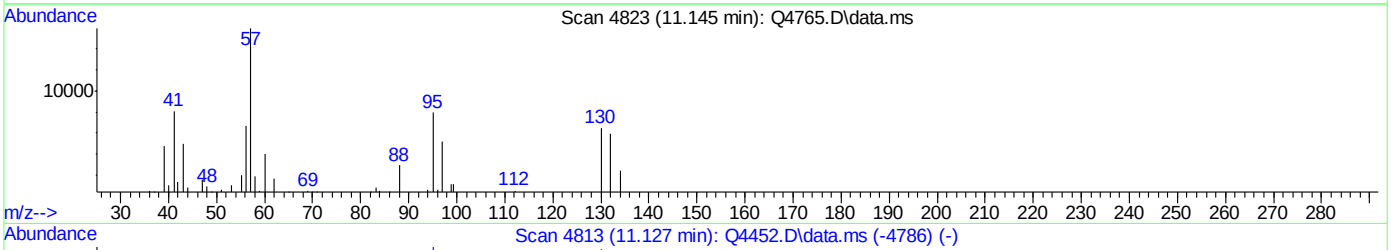
Ion	Exp%	Act%
45.00	100	100
46.00	32.80	22.21
42.00	13.10	3.78
0.00	0.00	0.00

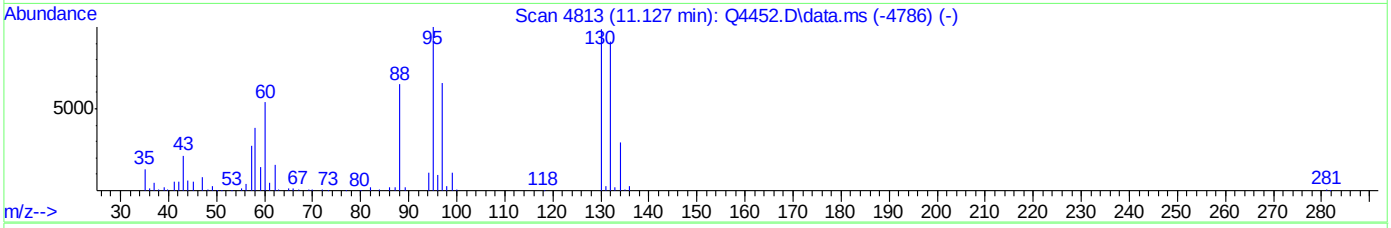
Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q4765.D
Acq On    :  2 Oct 2007   8:59 am
Operator  : danat
Sample    : ic246-0.5 (M051)
Misc      : MS14329,MSQ246,,,,,1
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Oct 02 09:25:14 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration
```





TIC: Q4765.D\data.ms

(42) 1,4-DIOXANE (m)

11.145min (+0.019) 0.29PPBV

response 3089

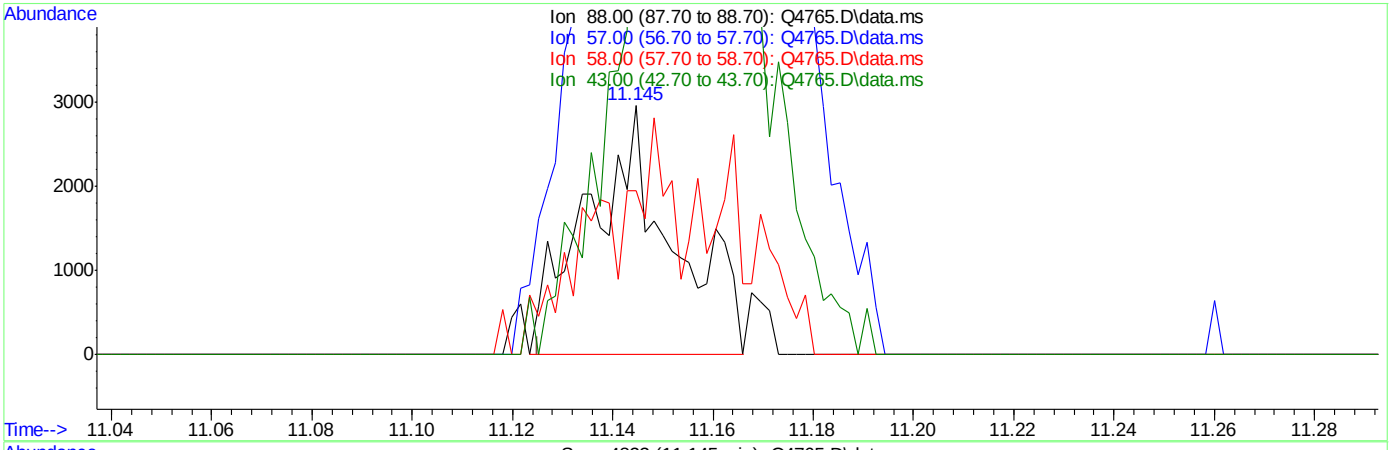
Ion	Exp%	Act%
88.00	100	100
57.00	40.40	538.71#
58.00	66.50	65.62
43.00	55.90	168.15#

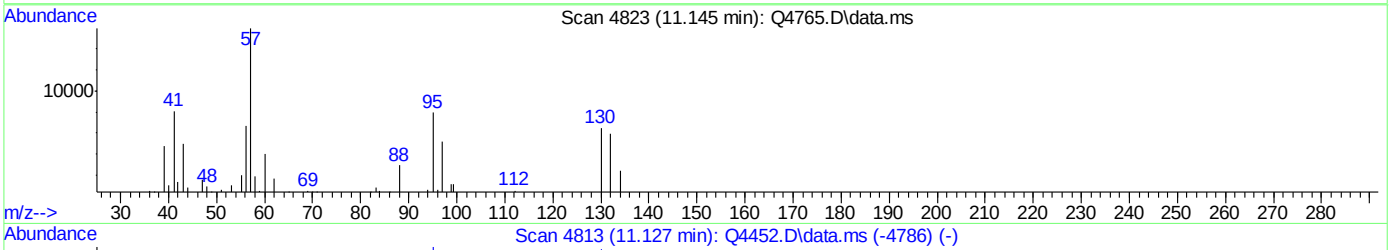
ACCUTEST Laboratories M68147

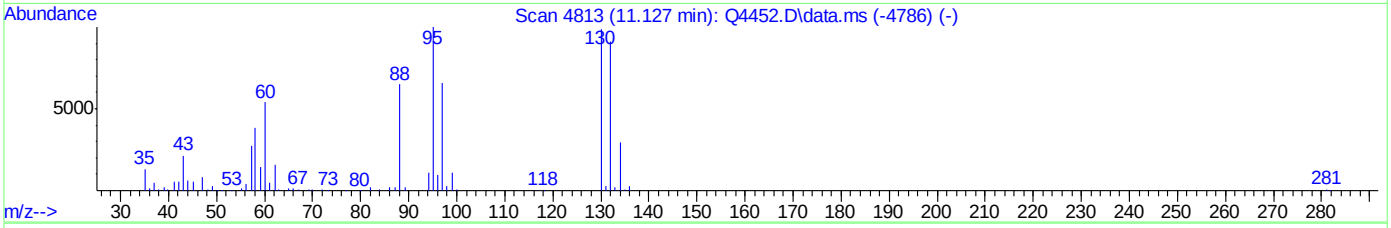
Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q4765.D
Acq On    :  2 Oct 2007   8:59 am
Operator  : danat
Sample    : ic246-0.5 (M051)
Misc      : MS14329,MSQ246,,,,,1
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Oct 02 09:25:14 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration
```





TIC: Q4765.D\data.ms

(42) 1,4-DIOXANE (m)

11.145min (+0.019) 0.32PPBV m

response 3468

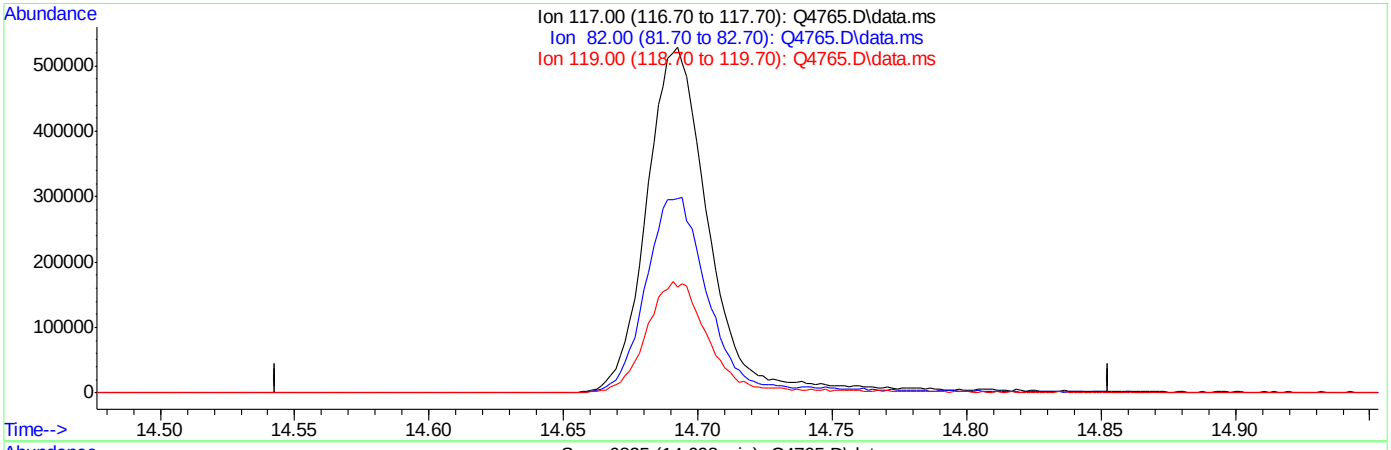
Ion	Exp%	Act%
88.00	100	100
57.00	40.40	538.71#
58.00	66.50	65.62
43.00	55.90	168.15#

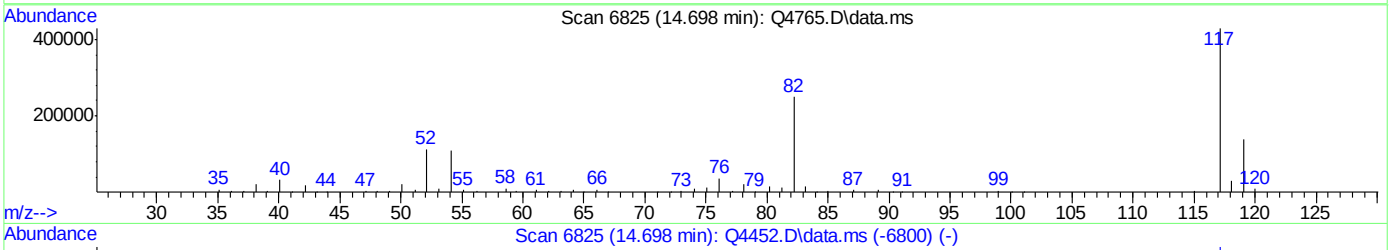
ACCUTEST Laboratories M68147

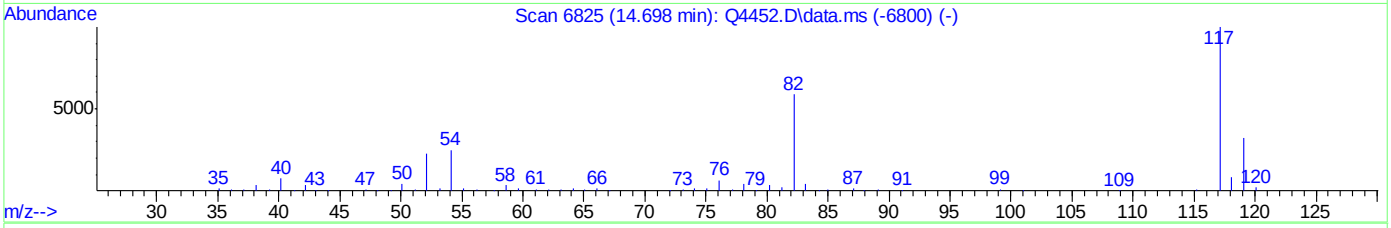
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4765.D
Acq On : 2 Oct 2007 8:59 am
Operator : danat
Sample : ic246-0.5 (M051)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 02 09:25:14 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration







TIC: Q4765.D\data.ms

(49) CHLOROBENZENE-D5 (I)

14.698min (-14.698) 0.00PPBV

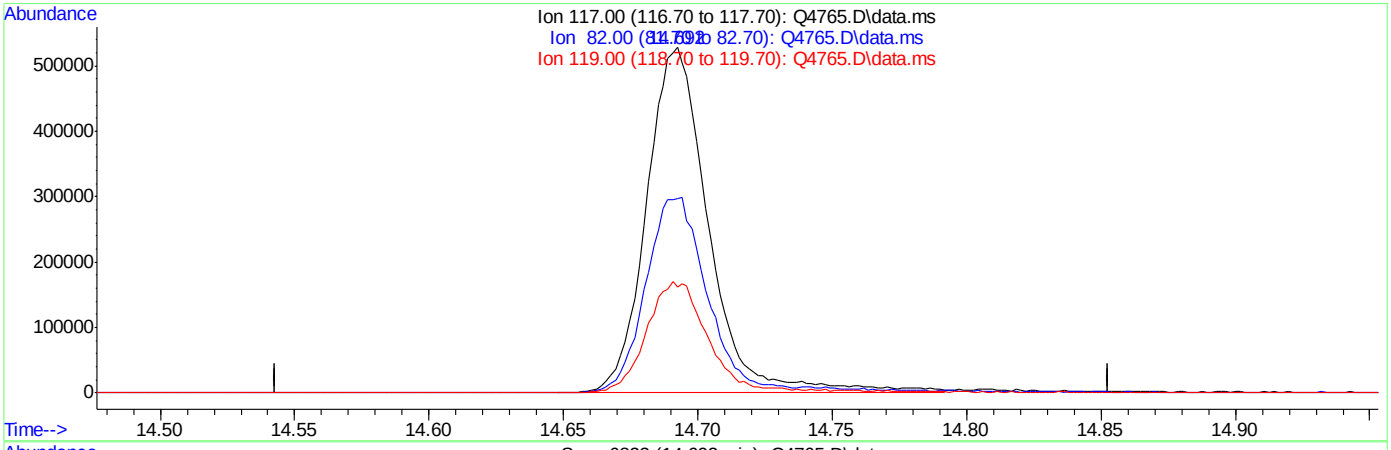
response 0

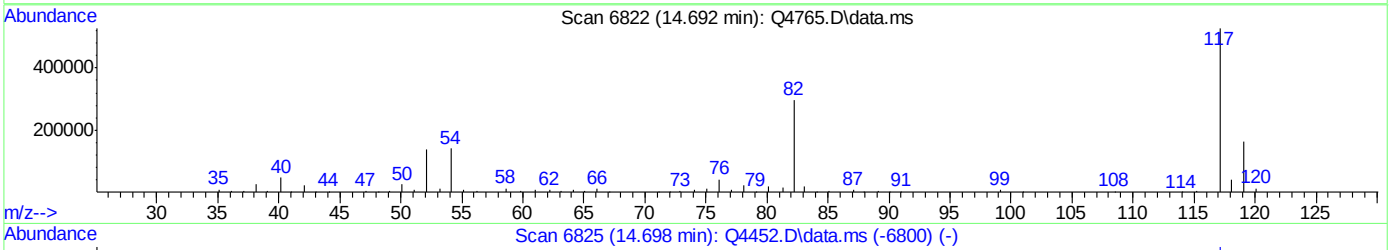
Ion	Exp%	Act%
117.00	100	0.00
82.00	68.40	0.00#
119.00	32.10	0.00#
0.00	0.00	0.00

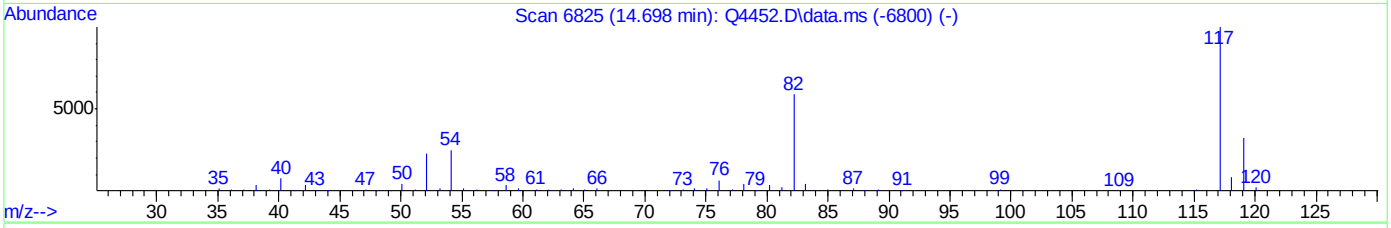
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4765.D
Acq On : 2 Oct 2007 8:59 am
Operator : danat
Sample : ic246-0.5 (M051)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 02 09:25:14 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration







TIC: Q4765.D\data.ms

(49) CHLOROBENZENE-D5 (I)

14.692min (-0.005) 10.00PPBV m

response 853864

Ion	Exp%	Act%
117.00	100	100
82.00	68.40	0.00#
119.00	32.10	0.00#
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
10/03/07 13:34

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4766.D
Acq On : 2 Oct 2007 9:44 am
Operator : danat
Sample : ic246-0.2 (M051)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 02 10:14:42 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.621	128	231609	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.447	114	1099899	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.692	117	889298m	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.311	95	294328	4.29	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 85.80%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.031	85	36246	0.21	PPBV	88
3) PROPYLENE	3.964	41	3600m	0.15	PPBV	
4) FREON 114	4.283	85	27043	0.20	PPBV	91
5) CHLOROMETHANE	4.202	50	6190m	0.20	PPBV	
6) VINYL CHLORIDE	4.422	62	6110	0.17	PPBV	91
7) 1,3-BUTADIENE	4.562	39	5180	0.17	PPBV	92
8) BROMOMETHANE	4.821	94	7928	0.19	PPBV	98
9) CHLOROETHANE	4.999	64	1977	0.15	PPBV #	53
10) TRICHLOROFLUOROMETHANE	5.781	101	34203	0.19	PPBV	97
11) ISOPROPYL ALCOHOL	5.843	45	10197	0.21	PPBV	94
12) ACETONE	5.611	43	15569	0.29	PPBV	88
13) PENTANE	6.133	42	7344	0.21	PPBV #	72
14) 1,1-DICHLOROETHYLENE	6.418	96	7167	0.18	PPBV #	71
15) CARBON DISULFIDE	6.853	76	21881	0.20	PPBV	86
16) ETHANOL	5.102	45	2277	0.24	PPBV #	58
17) BROMOETHENE	5.357	106	7057	0.18	PPBV #	87
18) METHYLENE CHLORIDE	6.534	84	18761	0.34	PPBV	82
19) 3-CHLOROPROPENE	6.653	39	6398	0.17	PPBV	84
20) FREON 113	6.796	151	18387	0.20	PPBV	94
21) TRANS-1,2-DICHLOROETHY...	7.460	96	7625	0.20	PPBV #	75
22) TERTIARY BUTYL ALCOHOL	6.449	59	10473	0.17	PPBV	92
23) METHYL TERTIARY BUTYL ...	7.712	73	13573	0.17	PPBV	94
24) TETRAHYDROFURAN	9.159	42	1828	0.09	PPBV #	37
25) HEXANE	8.656	57	7626	0.18	PPBV	88
26) VINYL ACETATE	7.789	43	9128	0.15	PPBV	67
27) 1,1-DICHLOROETHANE	7.654	63	12477	0.20	PPBV	78
28) METHYL ETHYL KETONE	8.041	43	8352	0.17	PPBV	88
29) cis-1,2-DICHLOROETHYLENE	8.450	96	4008	0.14	PPBV #	1
30) ETHYL ACETATE	8.665	43	13509	0.18	PPBV #	96
31) CHLOROFORM	8.736	83	17778	0.21	PPBV	95
32) 1,1,1-TRICHLOROETHANE	9.700	97	18834	0.20	PPBV	94
33) CARBON TETRACHLORIDE	10.282	117	23746	0.19	PPBV	100
34) 1,2-DICHLOROETHANE	9.450	62	9718	0.18	PPBV	98
36) BENZENE	10.137	78	10964	0.15	PPBV	89
37) CYCLOHEXANE	10.408	84	2987	0.09	PPBV #	85
38) TRICHLOROETHYLENE	11.139	95	7072	0.15	PPBV	90
39) 1,2-DICHLOROPROPANE	10.910	63	4414	0.19	PPBV	96
40) BROMODICHLOROMETHANE	11.097	83	16302	0.20	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.159	57	16260	0.13	PPBV	89
42) 1,4-DIOXANE	11.146	88	1371m	0.12	PPBV	
43) HEPTANE	11.393	43	4878	0.11	PPBV	85

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4766.D
Acq On : 2 Oct 2007 9:44 am
Operator : danat
Sample : ic246-0.2 (M051)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 02 10:14:42 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration

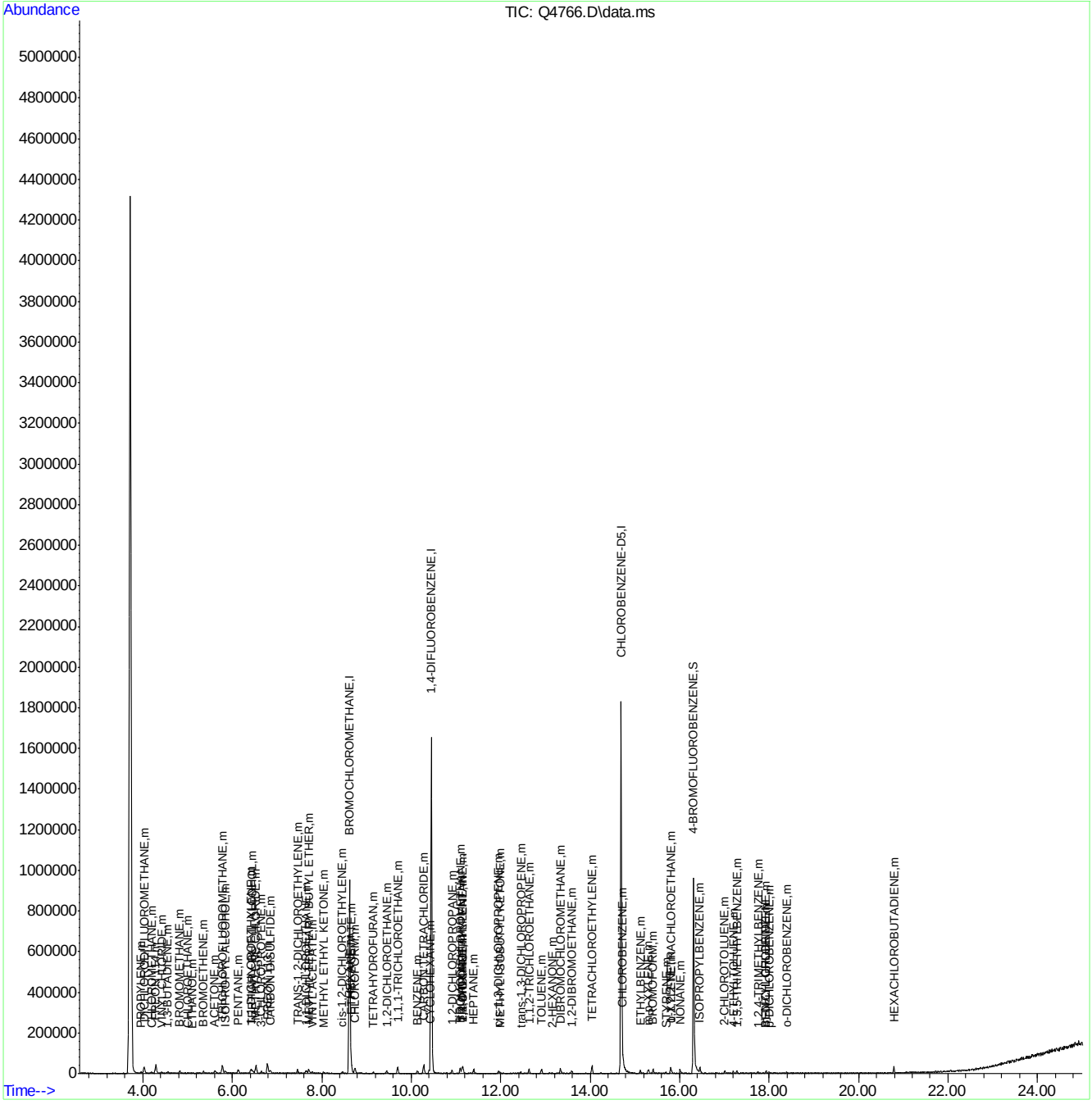
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.982	43	5514	0.11 PPBV	95
45) cis-1,3-DICHLOROPROPENE	11.950	75	4328	0.12 PPBV #	58
46) TOLUENE	12.912	92	7887	0.13 PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.451	75	2999	0.09 PPBV	89
48) 1,1,2-TRICHLOROETHANE	12.634	83	4716	0.19 PPBV	98
50) 2-HEXANONE	13.152	43	3294	0.08 PPBV #	59
51) TETRACHLOROETHYLENE	14.046	164	7864	0.17 PPBV	92
52) DIBROMOCHLOROMETHANE	13.344	129	12618	0.18 PPBV #	100
53) 1,2-DIBROMOETHANE	13.585	107	6806	0.15 PPBV #	99
54) CHLOROBENZENE	14.733	112	12428	0.18 PPBV	93
55) ETHYLBENZENE	15.122	91	10068	0.10 PPBV	92
56) m,p-XYLENE	15.298	106	6921m	0.20 PPBV	
57) o-XYLENE	15.810	106	3237	0.09 PPBV #	80
58) STYRENE	15.688	104	2945	0.06 PPBV #	32
59) NONANE	16.007	43	4761	0.10 PPBV #	86
60) BROMOFORM	15.409	173	9982	0.15 PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.805	83	9057	0.16 PPBV #	27
63) ISOPROPYLBENZENE	16.456	105	13262	0.12 PPBV	91
64) 2-CHLOROTOLUENE	17.003	91	6818	0.08 PPBV	91
65) 4-ETHYLTOLUENE	17.197	105	6803	0.07 PPBV	95
66) 1,3,5-TRIMETHYLBENZENE	17.276	105	7233	0.07 PPBV	87
67) 1,2,4-TRIMETHYLBENZENE	17.749	105	5388	0.07 PPBV	95
68) m-DICHLOROBENZENE	17.935	146	3117	0.06 PPBV	96
69) BENZYL CHLORIDE	17.915	91	1367	0.03 PPBV #	68
70) p-DICHLOROBENZENE	18.001	146	2203	0.04 PPBV	96
71) o-DICHLOROBENZENE	18.391	146	3240	0.07 PPBV	97
72) HEXACHLOROBUTADIENE	20.790	225	4797	0.14 PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4766.D
Acq On : 2 Oct 2007 9:44 am
Operator : danat
Sample : ic246-0.2 (M051)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 02 10:14:42 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration

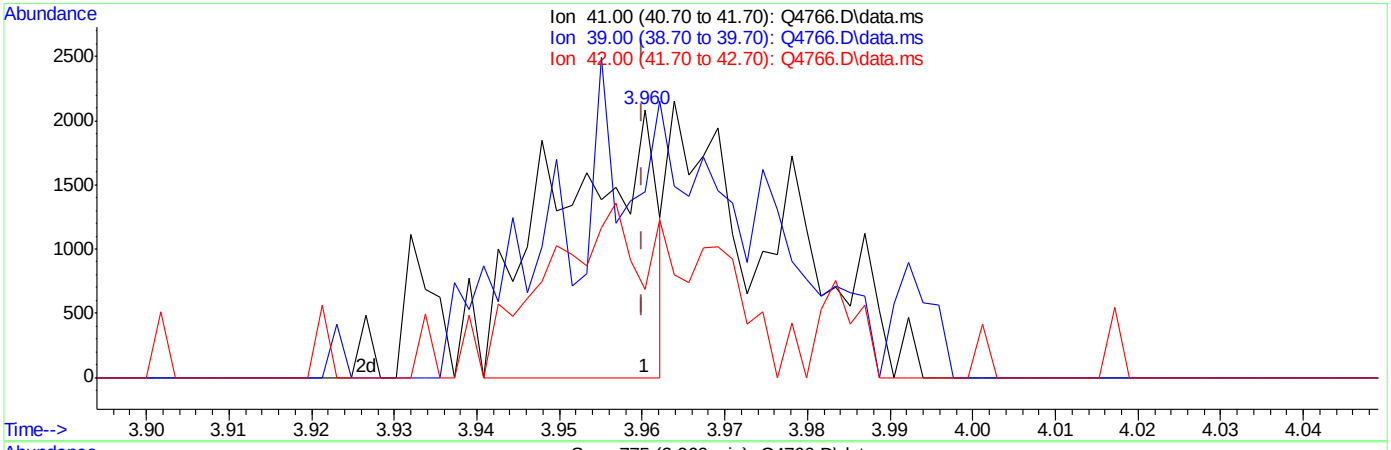


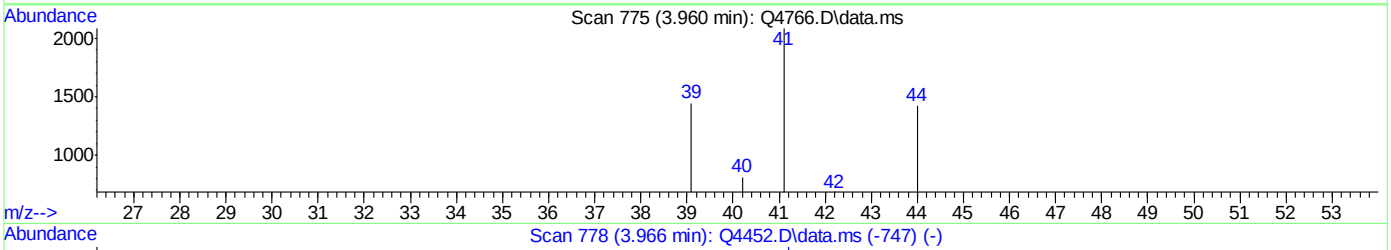
ACCUTEST Laboratories M68147

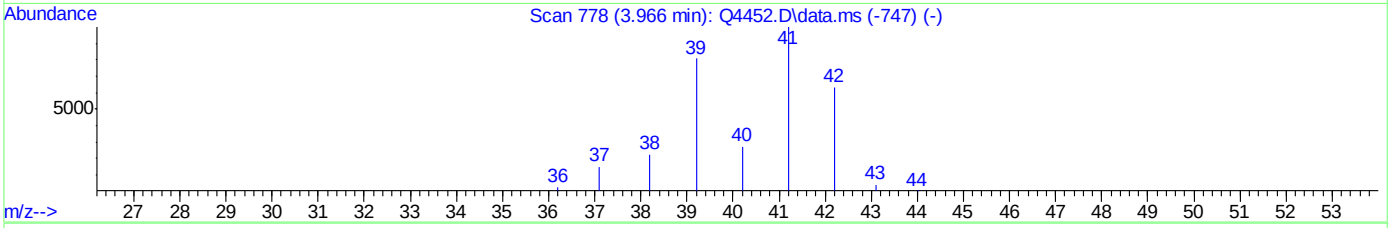
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4766.D
Acq On : 2 Oct 2007 9:44 am
Operator : danat
Sample : ic246-0.2 (M051)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 02 10:12:29 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration







TIC: Q4766.D\data.ms

(3) PROPYLENE (m)

3.960min (+0.000) 0.07PPBV

response 1735

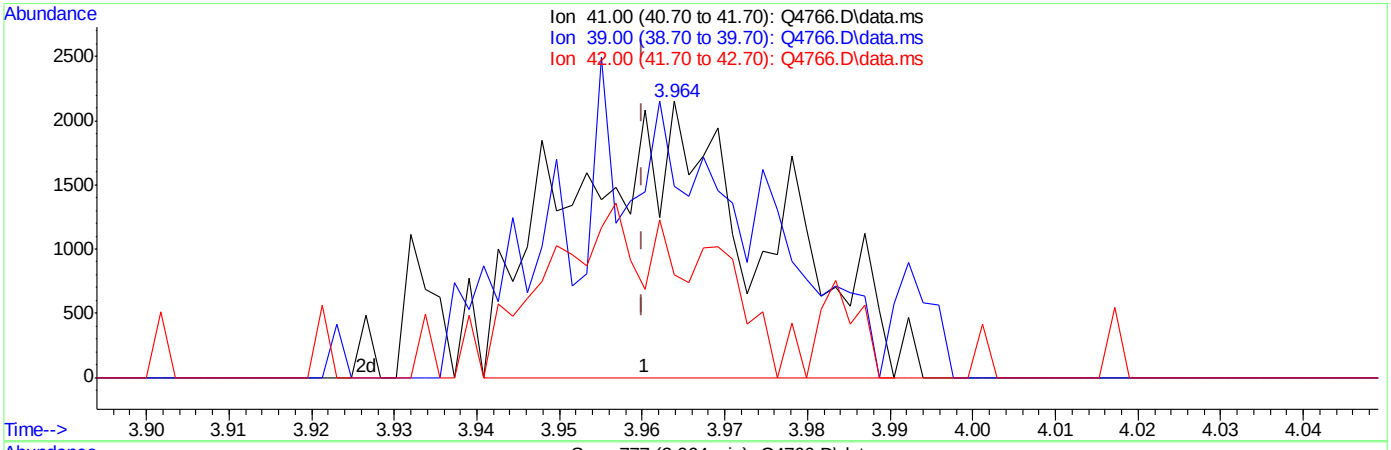
Ion	Exp%	Act%
41.00	100	100
39.00	96.30	69.39#
42.00	65.40	32.82#
0.00	0.00	0.00

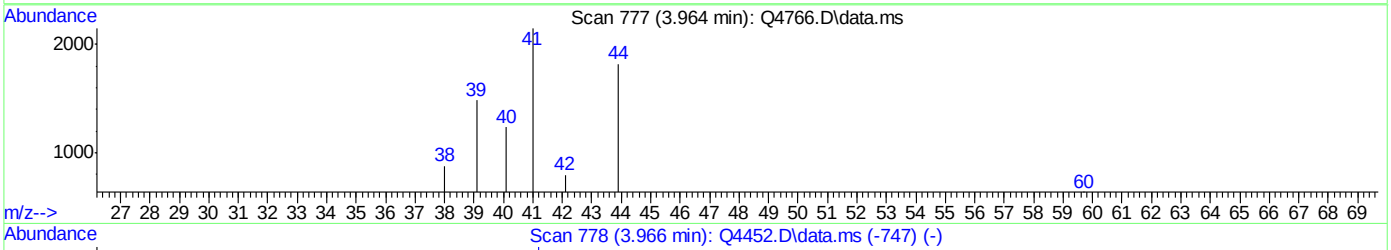
ACCUTEST Laboratories M68147

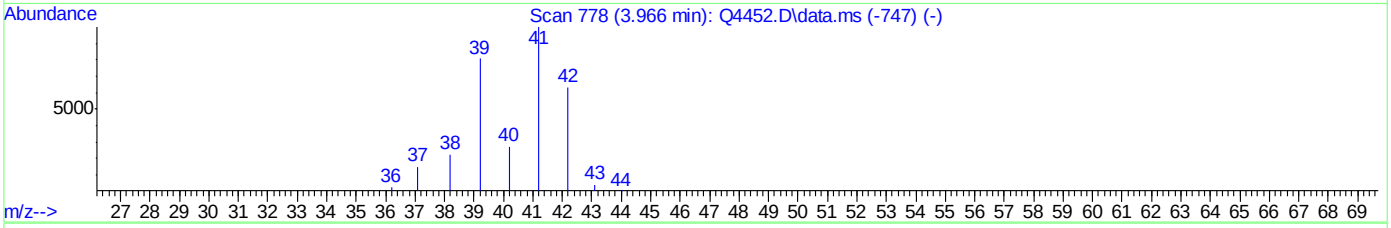
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4766.D
Acq On : 2 Oct 2007 9:44 am
Operator : danat
Sample : ic246-0.2 (M051)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 02 10:12:29 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration







TIC: Q4766.D\data.ms

(3) PROPYLENE (m)

3.964min (+0.004) 0.15PPBV m

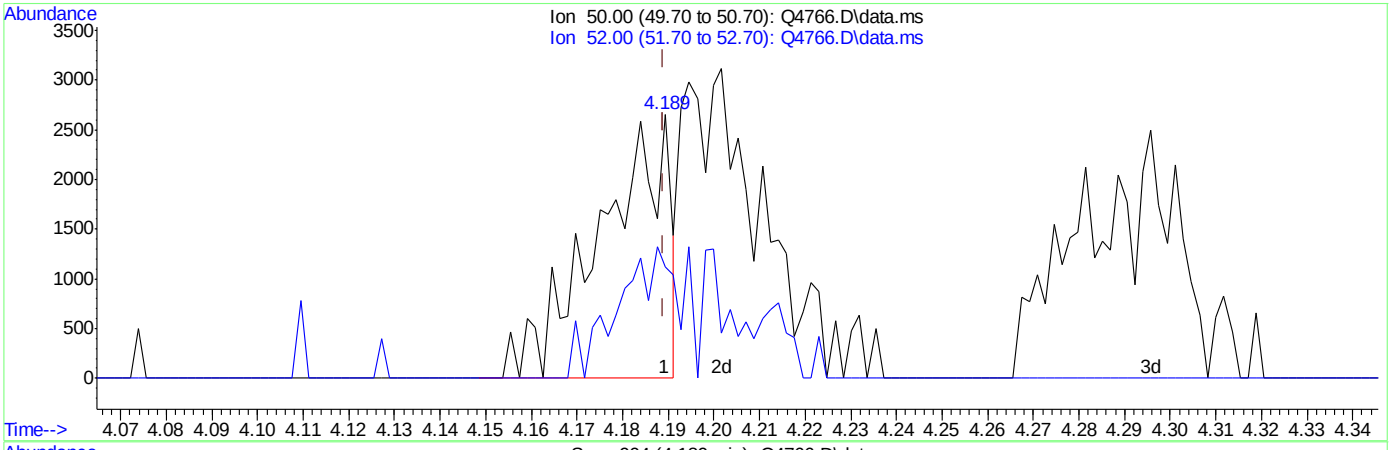
response 3600

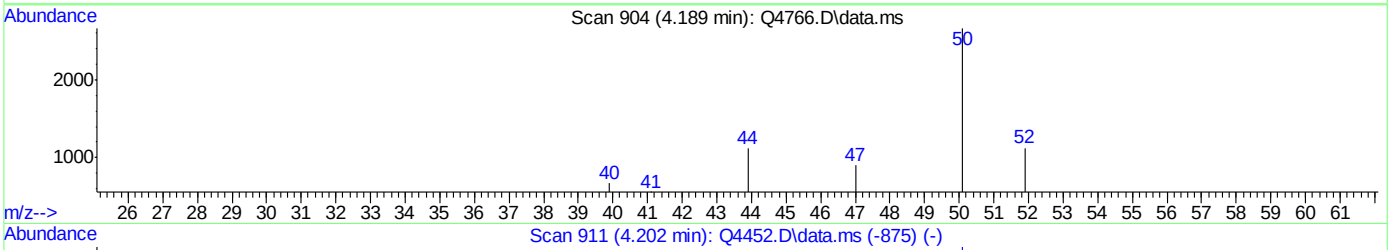
Ion	Exp%	Act%
41.00	100	100
39.00	96.30	69.19#
42.00	65.40	36.99#
0.00	0.00	0.00

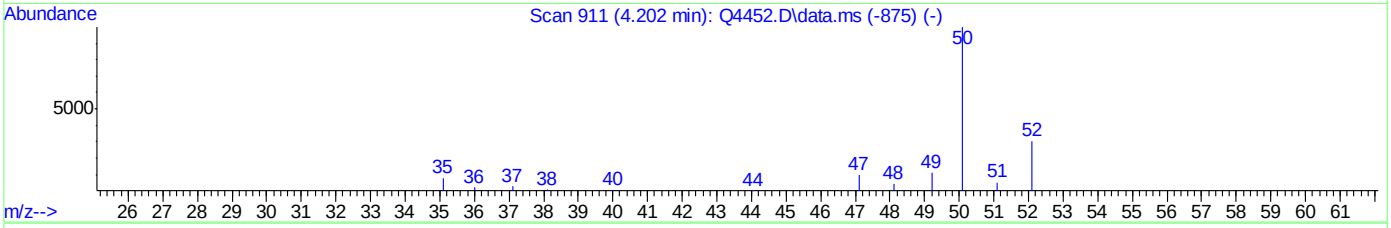
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4766.D
Acq On : 2 Oct 2007 9:44 am
Operator : danat
Sample : ic246-0.2 (M051)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 02 10:12:29 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration







TIC: Q4766.D\data.ms

(5) CHLOROMETHANE (m)

4.189min (+0.000) 0.09PPBV

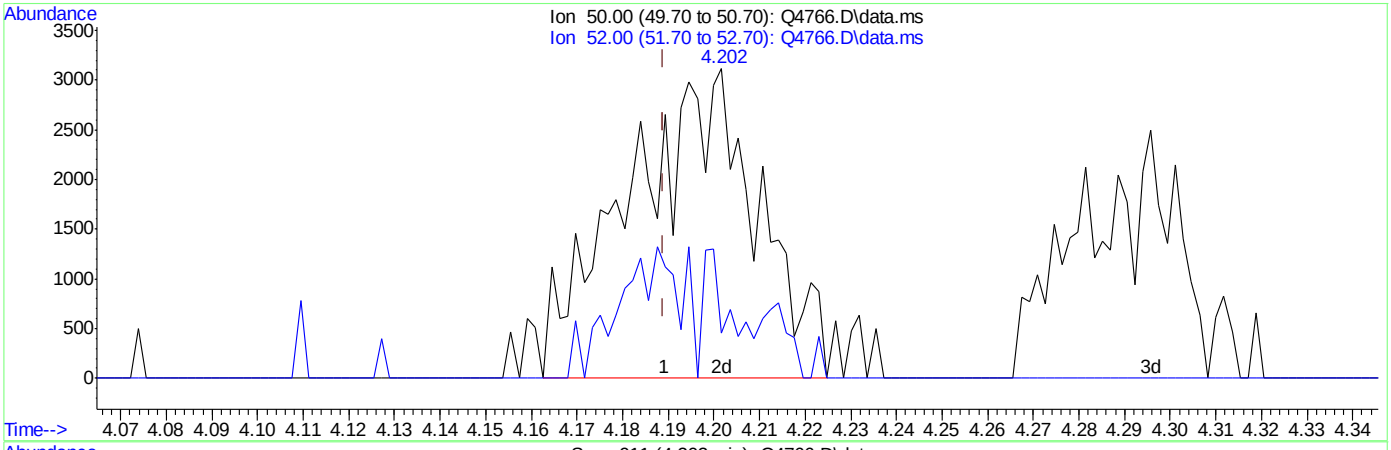
response 2810

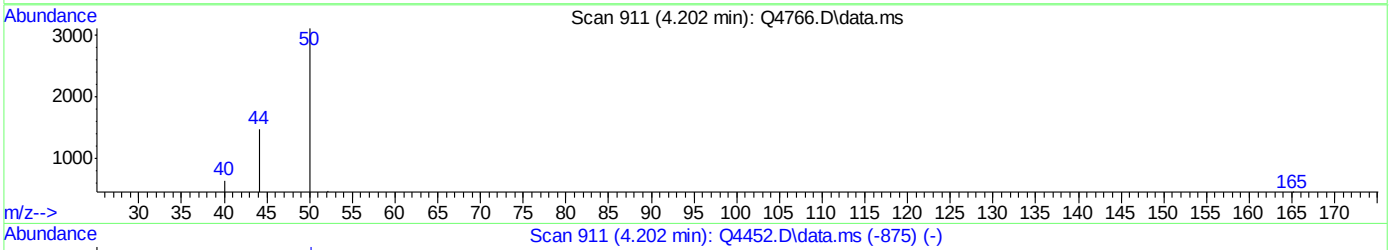
Ion	Exp%	Act%
50.00	100	100
52.00	32.70	31.11
0.00	0.00	0.00
0.00	0.00	0.00

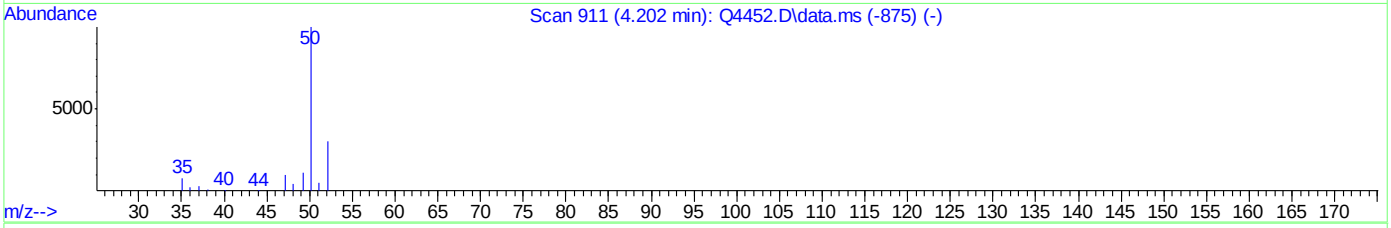
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4766.D
Acq On : 2 Oct 2007 9:44 am
Operator : danat
Sample : ic246-0.2 (M051)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 02 10:12:29 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration







TIC: Q4766.D\data.ms

(5) CHLOROMETHANE (m)

4.202min (+0.013) 0.20PPBV m

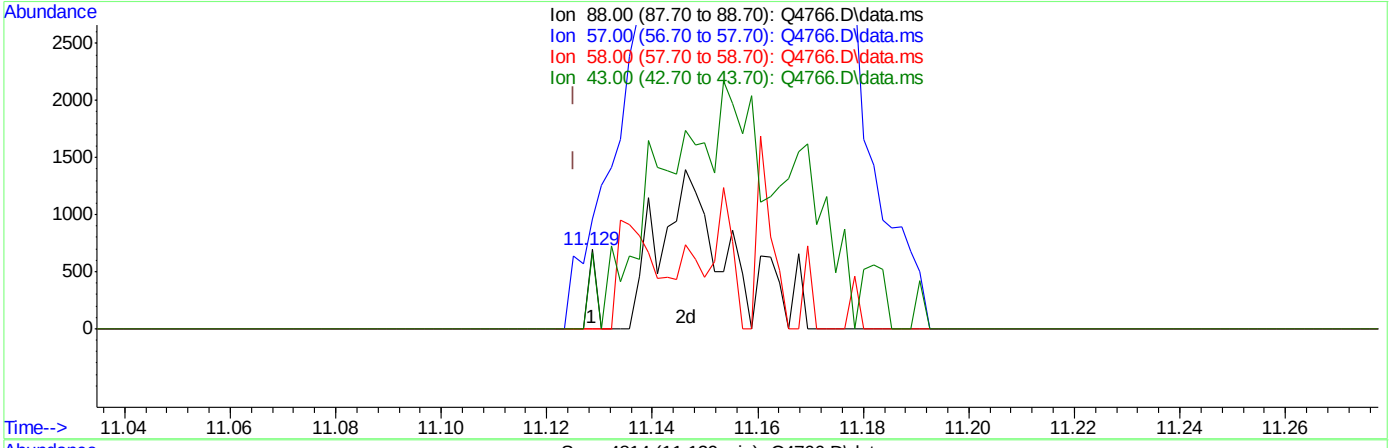
response 6190

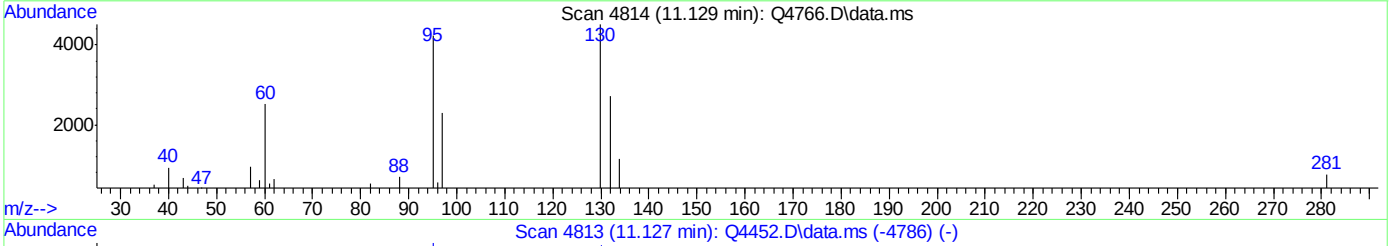
Ion	Exp%	Act%
50.00	100	100
52.00	32.70	14.70
0.00	0.00	0.00
0.00	0.00	0.00

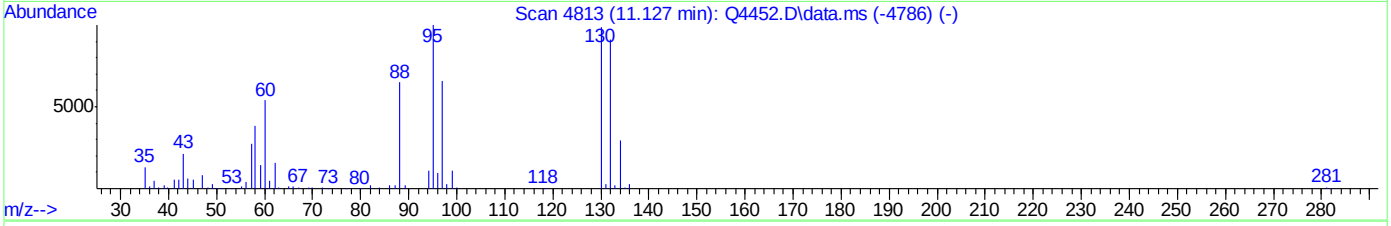
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4766.D
Acq On : 2 Oct 2007 9:44 am
Operator : danat
Sample : ic246-0.2 (M051)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 02 10:12:29 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration







TIC: Q4766.D\data.ms

(42) 1,4-DIOXANE (m)

11.129min (+0.003) 0.01PPBV

response 74

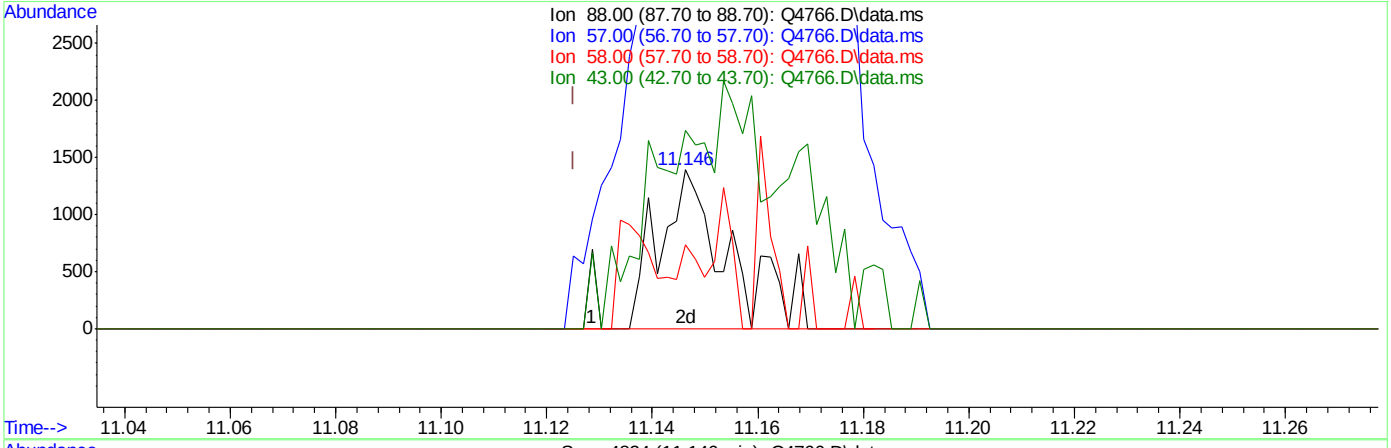
Ion	Exp%	Act%
88.00	100	100
57.00	40.40	137.90#
58.00	66.50	0.00#
43.00	55.90	96.25#

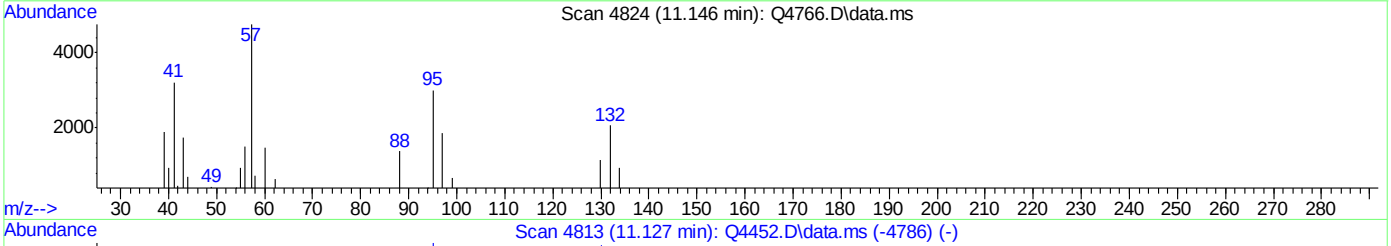
ACCUTEST Laboratories M68147

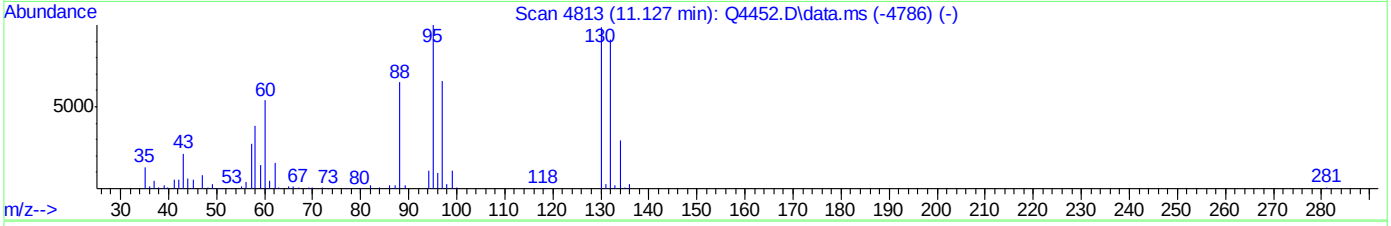
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4766.D
Acq On : 2 Oct 2007 9:44 am
Operator : danat
Sample : ic246-0.2 (M051)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 02 10:12:29 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration







TIC: Q4766.D\data.ms

(42) 1,4-DIOXANE (m)

11.146min (+0.021) 0.12PPBV m

response 1371

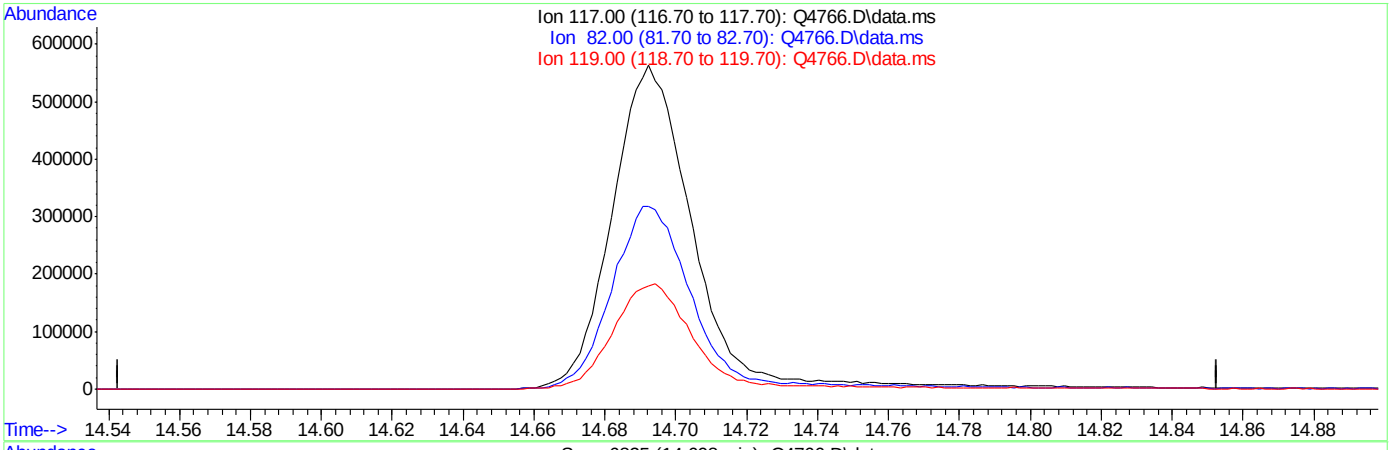
Ion	Exp%	Act%
88.00	100	100
57.00	40.40	341.08#
58.00	66.50	53.24
43.00	55.90	124.96#

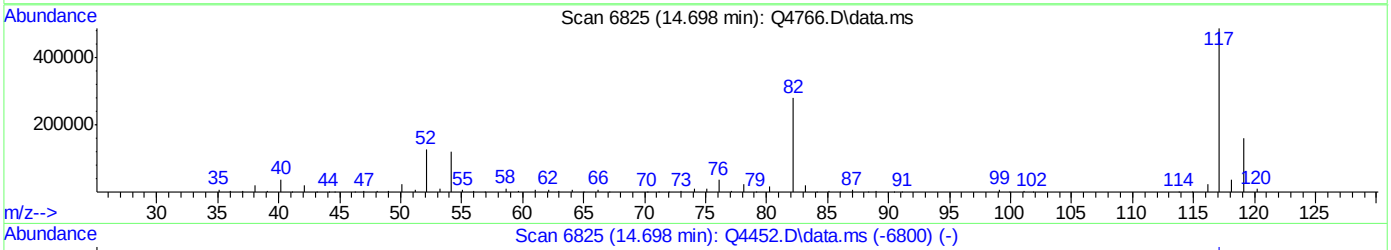
ACCUTEST Laboratories M68147

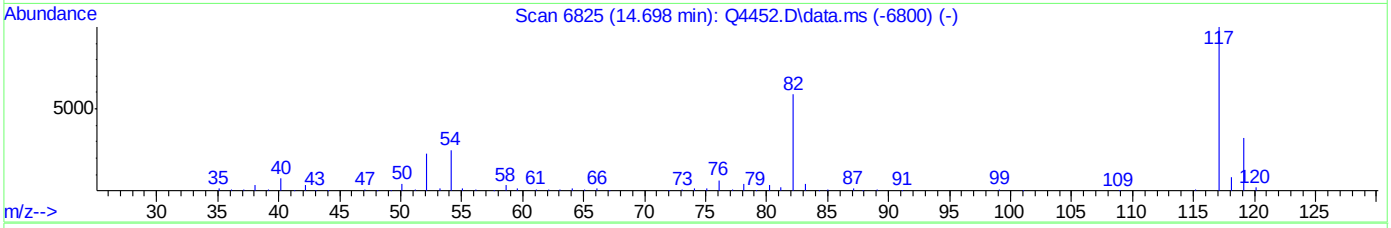
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4766.D
Acq On : 2 Oct 2007 9:44 am
Operator : danat
Sample : ic246-0.2 (M051)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 02 10:12:29 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration







TIC: Q4766.D\data.ms

(49) CHLOROBENZENE-D5 (I)

14.698min (-14.698) 0.00PPBV

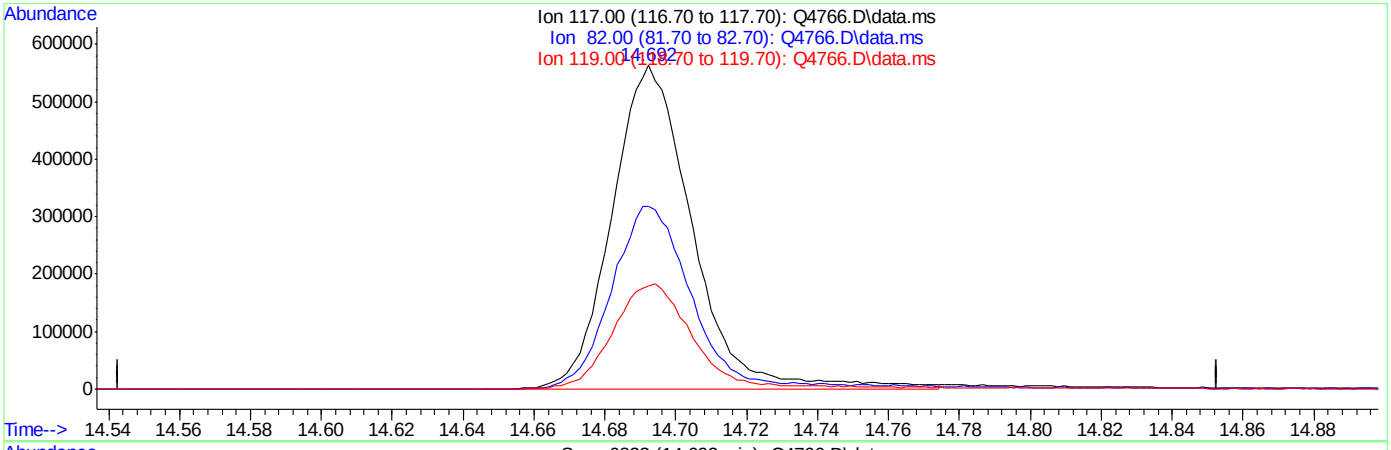
response 0

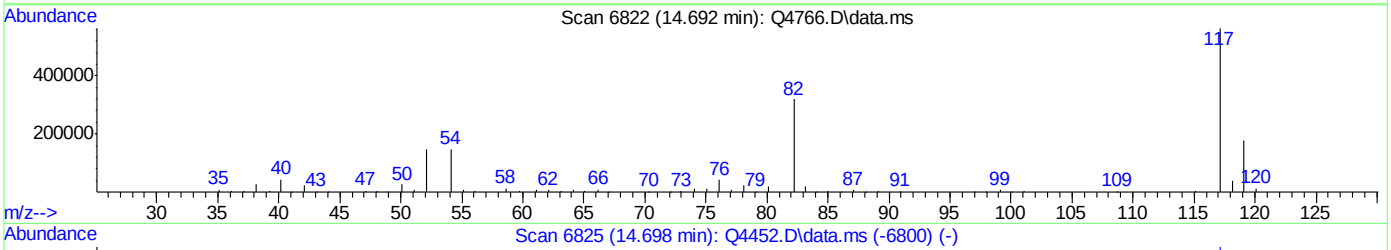
Ion	Exp%	Act%
117.00	100	0.00
82.00	68.40	0.00#
119.00	32.10	0.00#
0.00	0.00	0.00

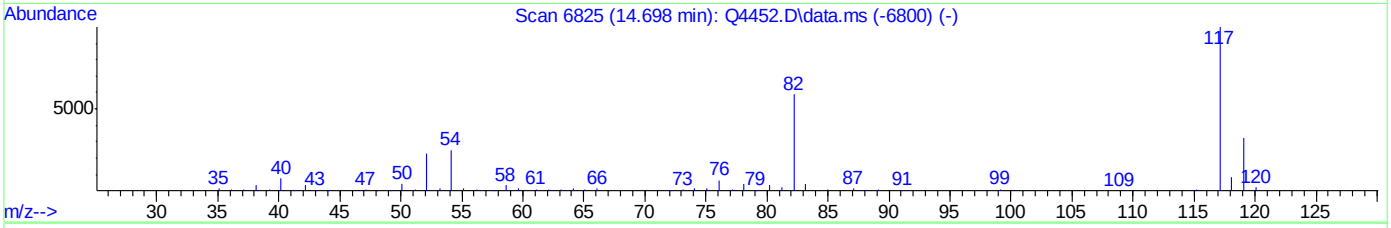
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4766.D
Acq On : 2 Oct 2007 9:44 am
Operator : danat
Sample : ic246-0.2 (M051)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 02 10:12:29 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration







TIC: Q4766.D\data.ms

(49) CHLOROBENZENE-D5 (I)

14.692min (-0.005) 10.00PPBV m

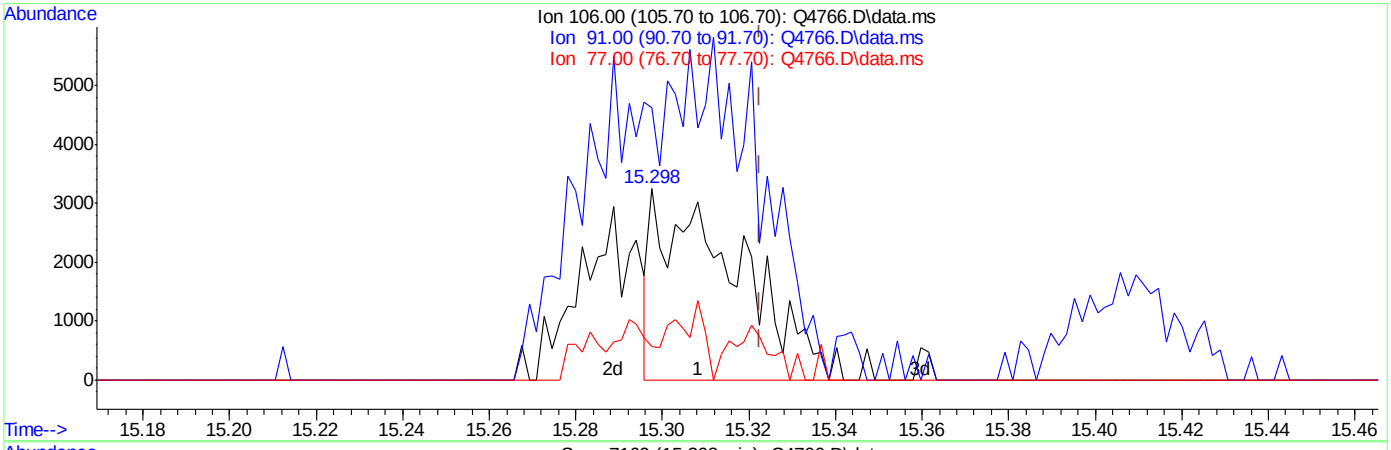
response 889298

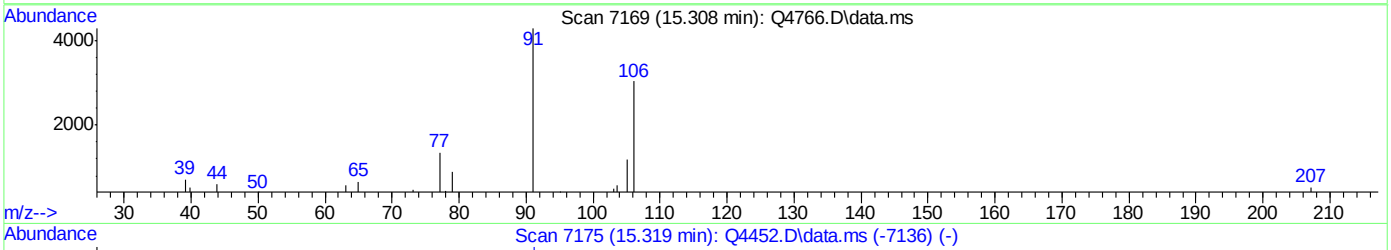
Ion	Exp%	Act%
117.00	100	100
82.00	68.40	0.00#
119.00	32.10	0.00#
0.00	0.00	0.00

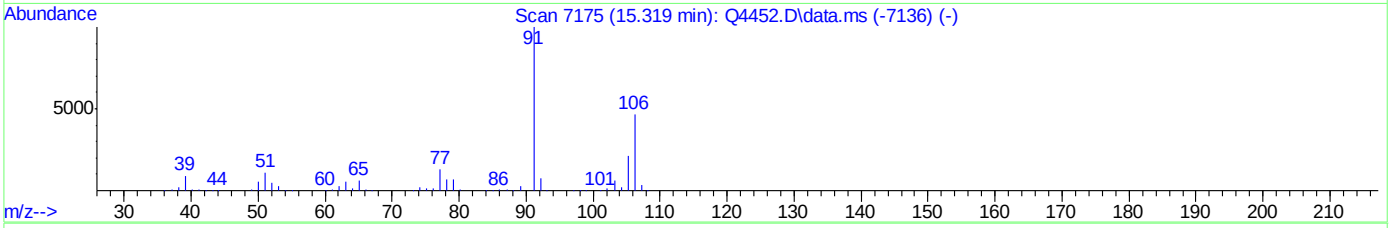
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4766.D
Acq On : 2 Oct 2007 9:44 am
Operator : danat
Sample : ic246-0.2 (M051)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 02 10:12:29 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration







TIC: Q4766.D\data.ms

(56) m,p-XYLENE (m)

15.308min (-0.014) 0.12PPBV

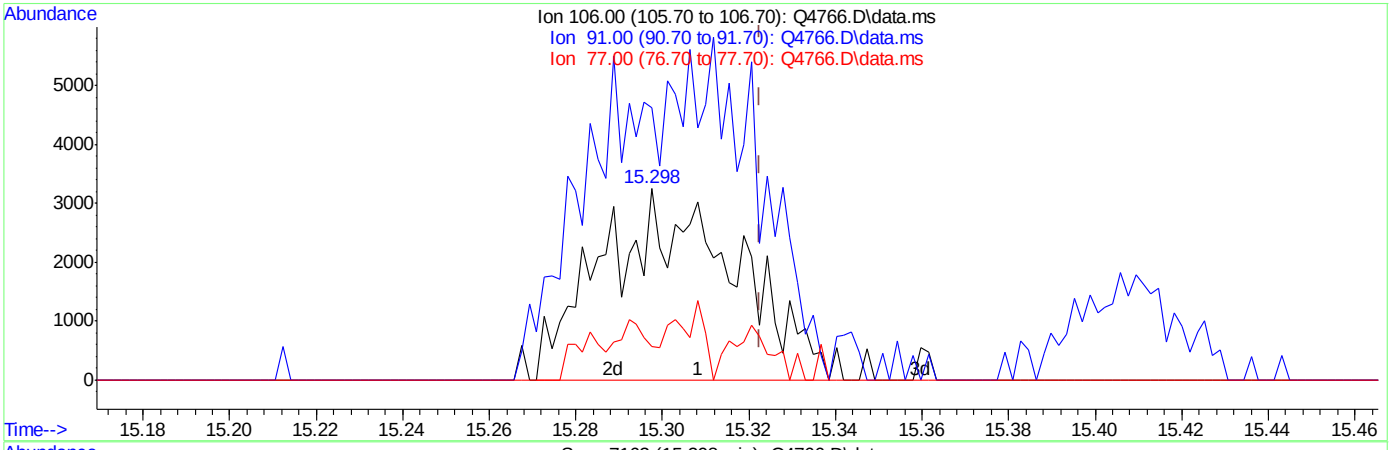
response 4428

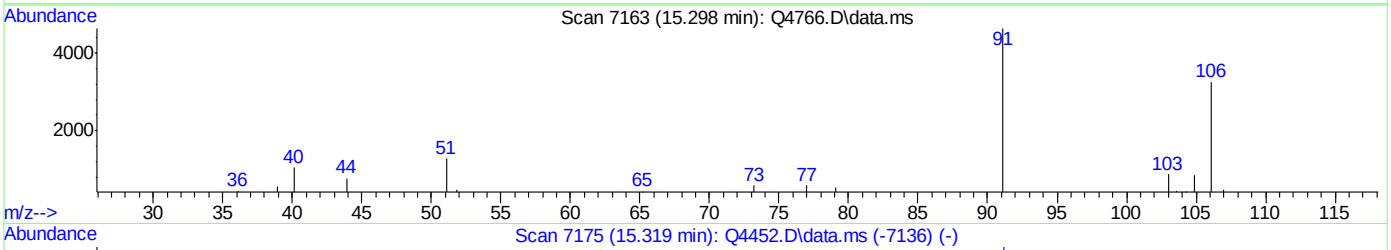
Ion	Exp%	Act%
106.00	100	100
91.00	248.70	141.44#
77.00	39.10	44.37
0.00	0.00	0.00

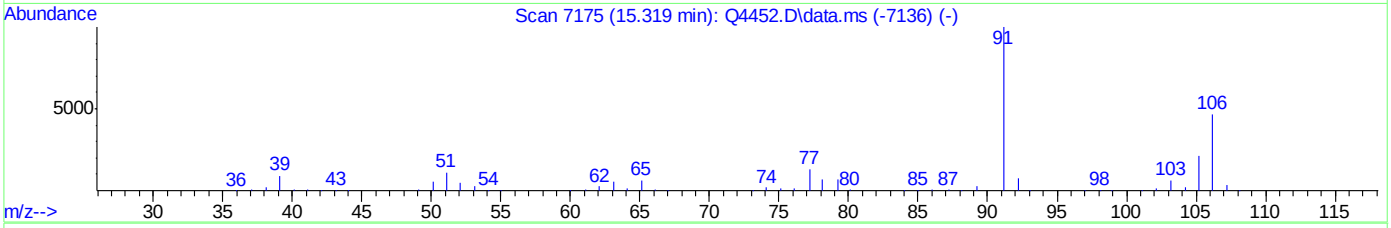
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4766.D
Acq On : 2 Oct 2007 9:44 am
Operator : danat
Sample : ic246-0.2 (M051)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 02 10:12:29 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Oct 01 16:26:29 2007
Response via : Initial Calibration







TIC: Q4766.D\data.ms

(56) m,p-XYLENE (m)

15.298min (-0.025) 0.20PPBV m

response 6921

Ion	Exp%	Act%
106.00	100	100
91.00	248.70	142.04#
77.00	39.10	17.76#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4767.D
Acq On : 2 Oct 2007 10:27 am
Operator : danat
Sample : ic246-40 (M010)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 02 11:06:02 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Oct 02 11:04:19 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.625	128	267007	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.453	114	1353515	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	1215502	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.320	95	487744	5.21	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 104.20%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.030	85	6086885	31.05	PPBV	98
3) PROPYLENE	3.960	41	953418	35.31	PPBV	94
4) FREON 114	4.291	85	5395643	33.90	PPBV	90
5) CHLOROMETHANE	4.195	50	1172405	33.51	PPBV	99
6) VINYL CHLORIDE	4.415	62	1411295	35.05	PPBV	99
7) 1,3-BUTADIENE	4.546	39	1166854	33.48	PPBV	87
8) BROMOMETHANE	4.828	94	1636984	34.24	PPBV	96
9) CHLOROETHANE	4.999	64	604774	38.48	PPBV	91
10) TRICHLOROFLUOROMETHANE	5.778	101	6304523	31.08	PPBV	98
11) ISOPROPYL ALCOHOL	5.820	45	2030304	36.25	PPBV	96
12) ACETONE	5.584	43	1993739	32.61	PPBV	89
13) PENTANE	6.131	42	1277352	31.58	PPBV	88
14) 1,1-DICHLOROETHYLENE	6.415	96	1554957	33.78	PPBV #	72
15) CARBON DISULFIDE	6.846	76	4205164	34.02	PPBV	84
16) ETHANOL	5.093	45	417338	38.01	PPBV	96
17) BROMOETHENE	5.361	106	1608647	34.89	PPBV #	91
18) METHYLENE CHLORIDE	6.529	84	1277980	20.10	PPBV	81
19) 3-CHLOROPROPENE	6.649	39	1663944	37.81	PPBV	79
20) FREON 113	6.789	151	3416602	32.43	PPBV	95
21) TRANS-1,2-DICHLOROETHY...	7.458	96	1516663	33.79	PPBV #	86
22) TERTIARY BUTYL ALCOHOL	6.424	59	2546227	35.81	PPBV	96
23) METHYL TERTIARY BUTYL ...	7.698	73	3705317	41.24	PPBV	91
24) TETRAHYDROFURAN	9.123	42	1125535	49.25	PPBV	94
25) HEXANE	8.660	57	1795337	35.74	PPBV #	84
26) VINYL ACETATE	7.782	43	2813524	41.25	PPBV	97
27) 1,1-DICHLOROETHANE	7.655	63	2813885	38.51	PPBV	99
28) METHYL ETHYL KETONE	8.023	43	2306321	40.80	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.461	96	1467665	45.02	PPBV #	86
30) ETHYL ACETATE	8.656	43	3537884	40.57	PPBV	99
31) CHLOROFORM	8.747	83	3829238	39.74	PPBV	97
32) 1,1,1-TRICHLOROETHANE	9.698	97	4227021	39.23	PPBV	99
33) CARBON TETRACHLORIDE	10.282	117	5216586	36.44	PPBV	98
34) 1,2-DICHLOROETHANE	9.455	62	2574754	42.00	PPBV	99
36) BENZENE	10.142	78	4032898	45.15	PPBV	97
37) CYCLOHEXANE	10.405	84	1723889	40.06	PPBV	92
38) TRICHLOROETHYLENE	11.139	95	2399310	42.08	PPBV	86
39) 1,2-DICHLOROPROPANE	10.918	63	1323922	45.59	PPBV	92
40) BROMODICHLOROMETHANE	11.102	83	4321523	42.51	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.162	57	6591740	44.42	PPBV	99
42) 1,4-DIOXANE	11.127	88	761506	52.64	PPBV	85
43) HEPTANE	11.402	43	2406893	43.93	PPBV	91

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4767.D
Acq On : 2 Oct 2007 10:27 am
Operator : danat
Sample : ic246-40 (M010)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 02 11:06:02 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Oct 02 11:04:19 2007
Response via : Initial Calibration

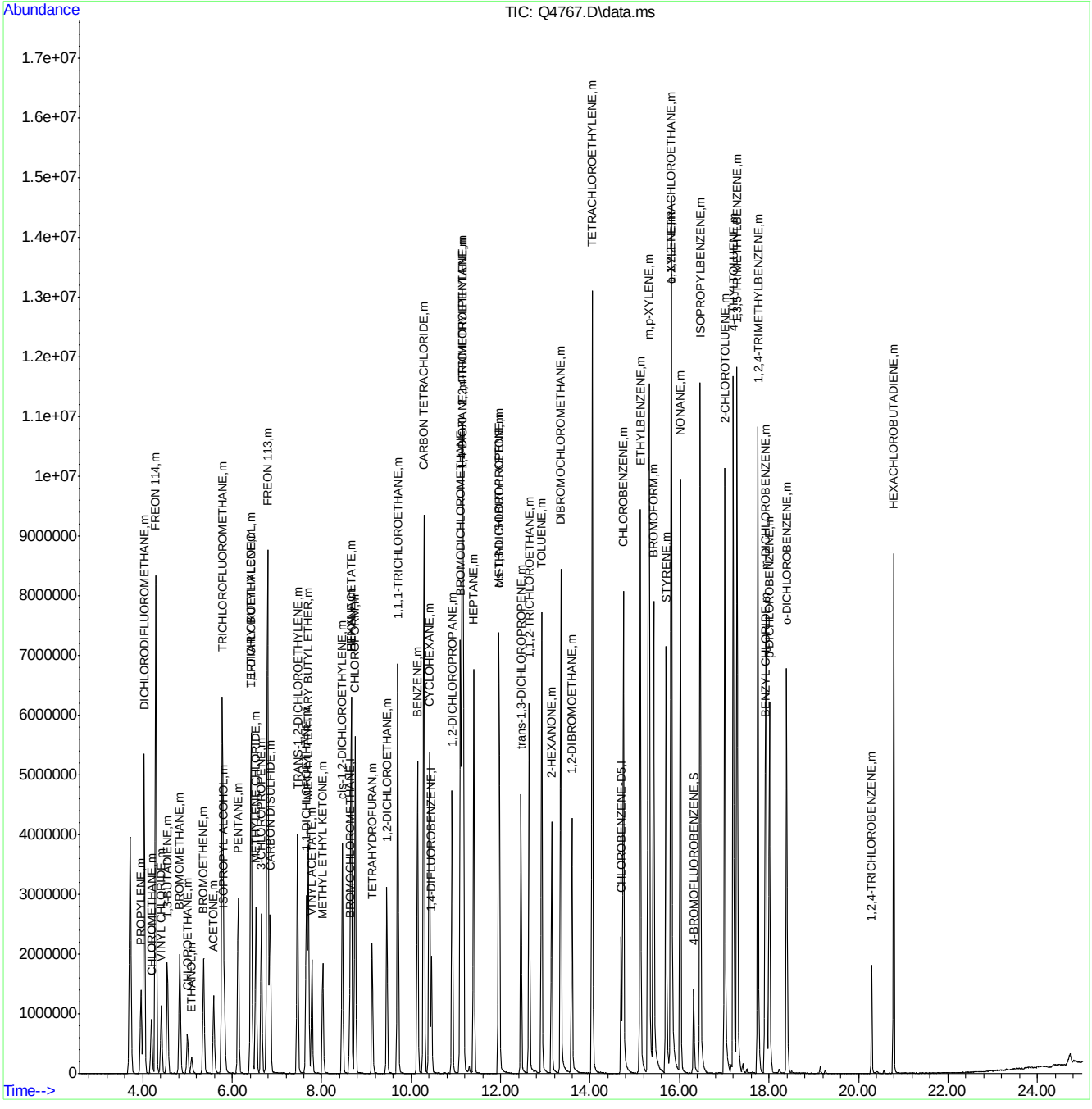
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.970	43	3095055	48.94 PPBV	89
45) cis-1,3-DICHLOROPROPENE	11.956	75	2291157	50.19 PPBV #	80
46) TOLUENE	12.918	92	2919160	40.00 PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.454	75	2172537	51.36 PPBV	92
48) 1,1,2-TRICHLOROETHANE	12.637	83	1456215	47.20 PPBV	95
50) 2-HEXANONE	13.140	43	2708826	49.64 PPBV	88
51) TETRACHLOROETHYLENE	14.050	164	2604635	41.84 PPBV	98
52) DIBROMOCHLOROMETHANE	13.345	129	4391937	45.68 PPBV #	100
53) 1,2-DIBROMOETHANE	13.594	107	2684871	42.22 PPBV	97
54) CHLOROBENZENE	14.746	112	4105435	44.03 PPBV	89
55) ETHYLBENZENE	15.122	91	6819713	51.77 PPBV	97
56) m,p-XYLENE	15.321	106	5176609	106.73 PPBV #	85
57) o-XYLENE	15.819	106	2568676	51.22 PPBV #	89
58) STYRENE	15.697	104	3465213	51.12 PPBV	89
59) NONANE	16.018	43	3438856	51.89 PPBV	96
60) BROMOFORM	15.418	173	4292570	48.20 PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.807	83	3706549	48.50 PPBV	98
63) ISOPROPYLBENZENE	16.462	105	8069682	51.57 PPBV	95
64) 2-CHLOROTOLUENE	17.010	91	5689981	50.28 PPBV	93
65) 4-ETHYLTOLUENE	17.200	105	7323787	55.97 PPBV	96
66) 1,3,5-TRIMETHYLBENZENE	17.285	105	6734190	50.53 PPBV	92
67) 1,2,4-TRIMETHYLBENZENE	17.752	105	5790765	52.99 PPBV	92
68) m-DICHLOROBENZENE	17.933	146	2655947	36.51 PPBV	98
69) BENZYL CHLORIDE	17.910	91	2977665	44.40 PPBV	96
70) p-DICHLOROBENZENE	18.008	146	2415252	35.35 PPBV	98
71) o-DICHLOROBENZENE	18.395	146	2479689	39.52 PPBV	97
72) HEXACHLOROBUTADIENE	20.787	225	1297644	26.76 PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.295	180	436320	26.76 PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4767.D
Acq On : 2 Oct 2007 10:27 am
Operator : danat
Sample : ic246-40 (M010)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 02 11:06:02 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Oct 02 11:04:19 2007
Response via : Initial Calibration



ACCUTEST Laboratories M68147

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4771.D
Acq On : 2 Oct 2007 1:16 pm
Operator : danat
Sample : icc246-10 (M010)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 02 13:43:32 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Oct 02 11:37:33 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.623	128	248607	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.451	114	1245077	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.692	117	1060559	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.311	95	401794	4.66	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 93.20%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.030	85	1117362	6.56	PPBV	99
3) PROPYLENE	3.962	41	155535	7.25	PPBV	87
4) FREON 114	4.292	85	903871	6.46	PPBV	90
5) CHLOROMETHANE	4.189	50	195259	6.36	PPBV	100
6) VINYL CHLORIDE	4.413	62	238446	7.24	PPBV	98
7) 1,3-BUTADIENE	4.550	39	193034	7.07	PPBV	87
8) BROMOMETHANE	4.828	94	423282	10.50	PPBV	96
9) CHLOROETHANE	4.990	64	104503	8.00	PPBV	91
10) TRICHLOROFLUOROMETHANE	5.778	101	1590027	9.58	PPBV	98
11) ISOPROPYL ALCOHOL	5.810	45	538575	9.51	PPBV	98
12) ACETONE	5.584	43	563549	9.02	PPBV	89
13) PENTANE	6.129	42	350548	10.26	PPBV	87
14) 1,1-DICHLOROETHYLENE	6.415	96	400971	10.56	PPBV #	74
15) CARBON DISULFIDE	6.848	76	1153828	10.57	PPBV	84
16) ETHANOL	5.084	45	115834	11.29	PPBV	98
17) BROMOETHENE	5.357	106	406490	10.72	PPBV #	91
18) METHYLENE CHLORIDE	6.530	84	315793	5.09	PPBV	84
19) 3-CHLOROPROPENE	6.647	39	373967	10.28	PPBV	80
20) FREON 113	6.788	151	812312	9.16	PPBV	98
21) TRANS-1,2-DICHLOROETHY...	7.457	96	339476	8.82	PPBV	90
22) TERTIARY BUTYL ALCOHOL	6.418	59	756822	12.56	PPBV	96
23) METHYL TERTIARY BUTYL ...	7.695	73	895337	10.93	PPBV	92
24) TETRAHYDROFURAN	9.127	42	285636	15.33	PPBV	97
25) HEXANE	8.653	57	440979	10.70	PPBV #	85
26) VINYL ACETATE	7.774	43	707968	12.16	PPBV	97
27) 1,1-DICHLOROETHANE	7.652	63	619203	9.25	PPBV	98
28) METHYL ETHYL KETONE	8.021	43	597391	12.04	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.456	96	314039	11.42	PPBV #	88
30) ETHYL ACETATE	8.651	43	895862	11.57	PPBV	99
31) CHLOROFORM	8.742	83	876061	9.57	PPBV	98
32) 1,1,1-TRICHLOROETHANE	9.696	97	918104	9.21	PPBV	97
33) CARBON TETRACHLORIDE	10.277	117	1185583	9.57	PPBV	97
34) 1,2-DICHLOROETHANE	9.450	62	592771	10.72	PPBV	99
36) BENZENE	10.138	78	851818	11.32	PPBV	97
37) CYCLOHEXANE	10.399	84	405619	12.63	PPBV	97
38) TRICHLOROETHYLENE	11.132	95	513490	10.28	PPBV	89
39) 1,2-DICHLOROPROPANE	10.910	63	300352	10.24	PPBV	92
40) BROMODICHLOROMETHANE	11.095	83	923178	9.35	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.157	57	1454773	11.17	PPBV	99
42) 1,4-DIOXANE	11.120	88	164110	12.56	PPBV #	83
43) HEPTANE	11.397	43	522264	12.24	PPBV	94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4771.D
Acq On : 2 Oct 2007 1:16 pm
Operator : danat
Sample : icc246-10 (M010)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 02 13:43:32 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Oct 02 11:37:33 2007
Response via : Initial Calibration

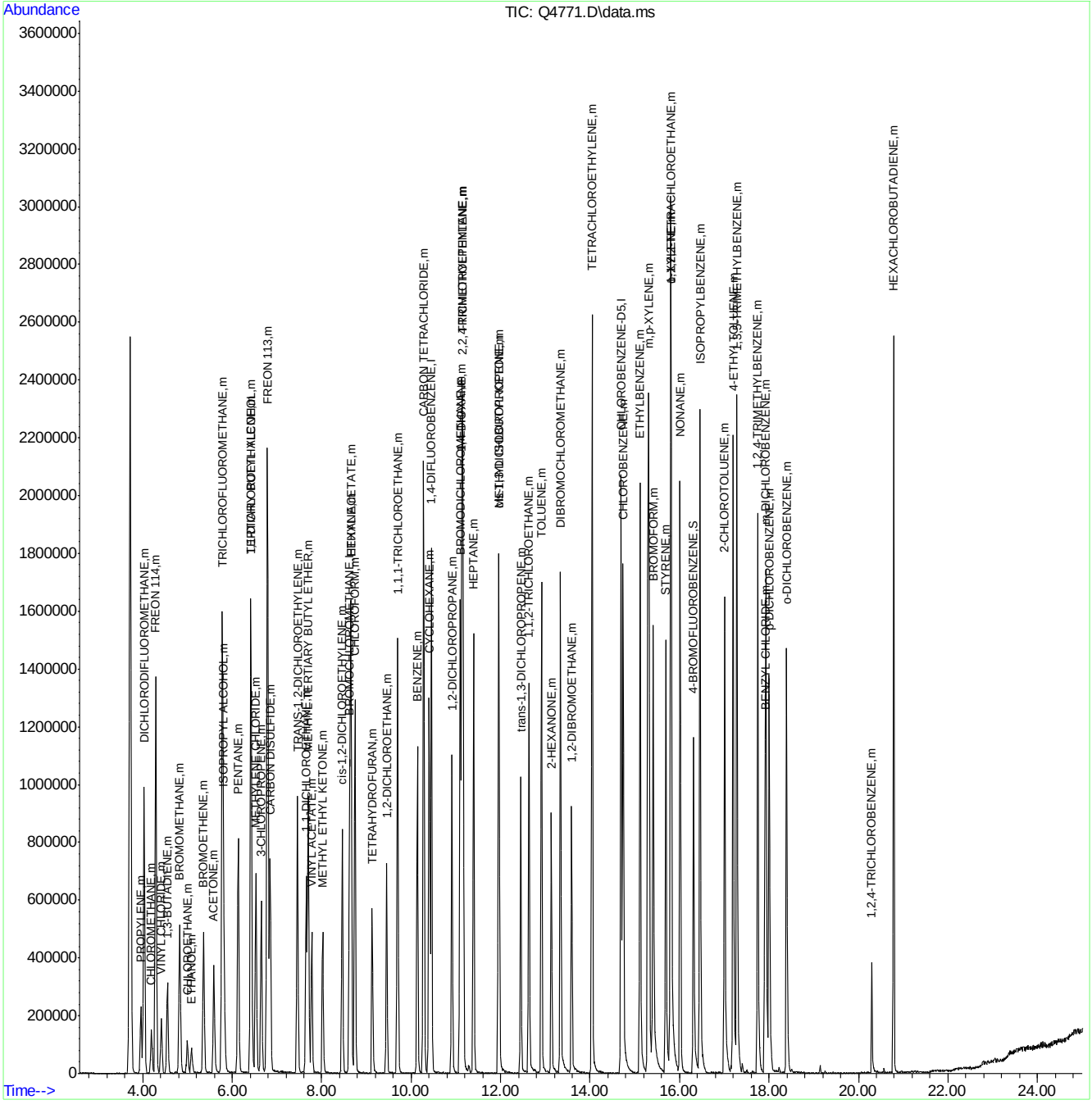
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.965	43	706149	13.98 PPBV	90
45) cis-1,3-DICHLOROPROPENE	11.950	75	489025	13.11 PPBV #	84
46) TOLUENE	12.912	92	619199	11.39 PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.449	75	438736	13.45 PPBV	96
48) 1,1,2-TRICHLOROETHANE	12.634	83	313778	10.74 PPBV	98
50) 2-HEXANONE	13.134	43	571386	14.80 PPBV	91
51) TETRACHLOROETHYLENE	14.043	164	484935	9.52 PPBV	97
52) DIBROMOCHLOROMETHANE	13.340	129	856052	10.08 PPBV #	100
53) 1,2-DIBROMOETHANE	13.587	107	552625	11.23 PPBV	96
54) CHLOROBENZENE	14.739	112	837283	10.68 PPBV	89
55) ETHYLBENZENE	15.118	91	1419635	12.60 PPBV	97
56) m,p-XYLENE	15.314	106	1080519	27.36 PPBV	81
57) o-XYLENE	15.812	106	530498	14.20 PPBV #	89
58) STYRENE	15.693	104	698380	14.08 PPBV	89
59) NONANE	16.013	43	693403	12.01 PPBV	97
60) BROMOFORM	15.411	173	804125	10.72 PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.800	83	767694	11.85 PPBV	98
63) ISOPROPYLBENZENE	16.457	105	1598859	12.47 PPBV	95
64) 2-CHLOROTOLUENE	17.009	91	955137	11.76 PPBV	94
65) 4-ETHYLTOLUENE	17.197	105	1385296	13.94 PPBV	94
66) 1,3,5-TRIMETHYLBENZENE	17.282	105	1344792	13.09 PPBV	91
67) 1,2,4-TRIMETHYLBENZENE	17.745	105	1083781	12.96 PPBV	91
68) m-DICHLOROBENZENE	17.928	146	590530	12.77 PPBV	99
69) BENZYL CHLORIDE	17.905	91	649036	14.60 PPBV	97
70) p-DICHLOROBENZENE	18.004	146	554380	13.69 PPBV	99
71) o-DICHLOROBENZENE	18.393	146	554420	13.04 PPBV	97
72) HEXACHLOROBUTADIENE	20.787	225	365104	10.78 PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.297	180	101038	12.50 PPBV	96

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4771.D
Acq On : 2 Oct 2007 1:16 pm
Operator : danat
Sample : icc246-10 (M010)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 02 13:43:32 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Oct 02 11:37:33 2007
Response via : Initial Calibration



ACCUTEST Laboratories M68147

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4772.D
Acq On : 2 Oct 2007 1:59 pm
Operator : danat
Sample : ic246-5 (M010)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 02 14:26:13 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Oct 02 13:45:37 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.623	128	248688	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.451	114	1195886	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.691	117	951731	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.313	95	337746	4.43	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 88.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.028	85	619367	3.90	PPBV	99
3) PROPYLENE	3.955	41	94843	4.68	PPBV	91
4) FREON 114	4.289	85	555750	4.27	PPBV	100
5) CHLOROMETHANE	4.191	50	124775	4.38	PPBV	96
6) VINYL CHLORIDE	4.413	62	140308	4.51	PPBV	100
7) 1,3-BUTADIENE	4.548	39	117819	4.58	PPBV	100
8) BROMOMETHANE	4.821	94	166811	4.10	PPBV	99
9) CHLOROETHANE	5.008	64	61255	4.88	PPBV	97
10) TRICHLOROFLUOROMETHANE	5.778	101	651842	3.96	PPBV	100
11) ISOPROPYL ALCOHOL	5.813	45	218524	3.90	PPBV	99
12) ACETONE	5.586	43	220648	3.60	PPBV	98
13) PENTANE	6.131	42	156998	4.57	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.417	96	174100	4.53	PPBV	99
15) CARBON DISULFIDE	6.846	76	568196	5.15	PPBV	100
16) ETHANOL	5.091	45	45468	4.32	PPBV	97
17) BROMOETHENE	5.359	106	166707	4.33	PPBV	99
18) METHYLENE CHLORIDE	6.529	84	187034	3.34	PPBV	97
19) 3-CHLOROPROPENE	6.647	39	203911	5.57	PPBV	97
20) FREON 113	6.789	151	430596	4.94	PPBV	99
21) TRANS-1,2-DICHLOROETHY...	7.457	96	199019	5.30	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.418	59	358232	5.65	PPBV	100
23) METHYL TERTIARY BUTYL ...	7.700	73	497529	5.96	PPBV	98
24) TETRAHYDROFURAN	9.127	42	136804	6.63	PPBV	99
25) HEXANE	8.658	57	229622	5.49	PPBV	99
26) VINYL ACETATE	7.774	43	359642	5.92	PPBV	97
27) 1,1-DICHLOROETHANE	7.656	63	361992	5.49	PPBV	99
28) METHYL ETHYL KETONE	8.019	43	312906	6.06	PPBV	99
29) cis-1,2-DICHLOROETHYLENE	8.458	96	153094	5.41	PPBV	100
30) ETHYL ACETATE	8.651	43	459529	5.75	PPBV	100
31) CHLOROFORM	8.742	83	448829	4.95	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.695	97	467723	4.77	PPBV	99
33) CARBON TETRACHLORIDE	10.279	117	608449	4.95	PPBV	99
34) 1,2-DICHLOROETHANE	9.453	62	283430	5.05	PPBV	99
36) BENZENE	10.137	78	406406	5.48	PPBV	99
37) CYCLOHEXANE	10.401	84	200974	6.19	PPBV	95
38) TRICHLOROETHYLENE	11.131	95	250928	5.20	PPBV	99
39) 1,2-DICHLOROPROPANE	10.907	63	140378	4.96	PPBV	99
40) BROMODICHLOROMETHANE	11.093	83	422973	4.52	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.155	57	707881	5.53	PPBV	99
42) 1,4-DIOXANE	11.123	88	78143	5.92	PPBV #	84
43) HEPTANE	11.391	43	255023	5.96	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4772.D
Acq On : 2 Oct 2007 1:59 pm
Operator : danat
Sample : ic246-5 (M010)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 02 14:26:13 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Oct 02 13:45:37 2007
Response via : Initial Calibration

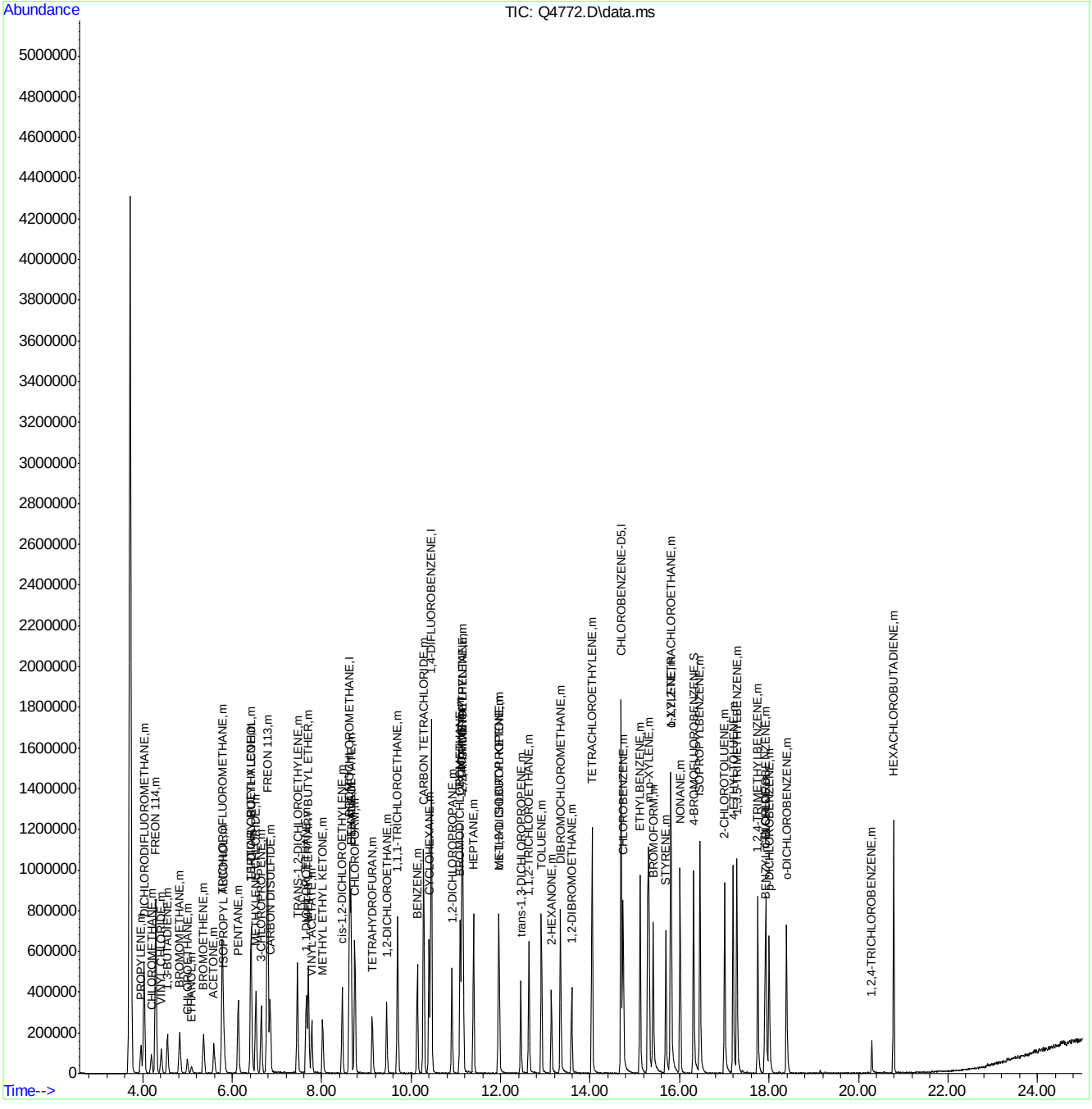
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.968	43	342580	6.54	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.949	75	214552	5.64	PPBV	97
46) TOLUENE	12.911	92	283419	5.28	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.453	75	196273	5.86	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.636	83	150935	5.30	PPBV	98
50) 2-HEXANONE	13.136	43	266175	7.01	PPBV	98
51) TETRACHLOROETHYLENE	14.045	164	230966	5.10	PPBV	98
52) DIBROMOCHLOROMETHANE	13.340	129	402001	5.27	PPBV	99
53) 1,2-DIBROMOETHANE	13.589	107	250519	5.54	PPBV	100
54) CHLOROBENZENE	14.740	112	394960	5.54	PPBV	98
55) ETHYLBENZENE	15.117	91	637907	6.00	PPBV	100
56) m,p-XYLENE	15.314	106	494931	13.01	PPBV	98
57) o-XYLENE	15.809	106	240952	6.63	PPBV	96
58) STYRENE	15.692	104	310622	6.45	PPBV	99
59) NONANE	16.011	43	334909	6.21	PPBV	98
60) BROMOFORM	15.409	173	366941	5.37	PPBV	95
62) 1,1,2,2-TETRACHLOROETHANE	15.796	83	374873	6.22	PPBV	99
63) ISOPROPYLBENZENE	16.455	105	760168	6.30	PPBV	99
64) 2-CHLOROTOLUENE	17.007	91	519012	6.88	PPBV	99
65) 4-ETHYLTOLUENE	17.195	105	630165	6.55	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.282	105	605277	6.18	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.747	105	468156	5.89	PPBV	100
68) m-DICHLOROBENZENE	17.928	146	294542	6.73	PPBV	99
69) BENZYL CHLORIDE	17.908	91	296907	6.82	PPBV	99
70) p-DICHLOROBENZENE	18.004	146	265319	6.80	PPBV	98
71) o-DICHLOROBENZENE	18.391	146	270288	6.68	PPBV	100
72) HEXACHLOROBUTADIENE	20.783	225	178367	5.78	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.297	180	41094	5.33	PPBV	100

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4772.D
Acq On : 2 Oct 2007 1:59 pm
Operator : danat
Sample : ic246-5 (M010)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 02 14:26:13 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Oct 02 13:45:37 2007
Response via : Initial Calibration



ACCUTEST Laboratories M68147

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4773.D
Acq On : 2 Oct 2007 2:42 pm
Operator : danat
Sample : ic246-2 (M010)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 02 15:09:29 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Oct 02 14:26:29 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.619	128	268307	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.451	114	1239828	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.693	117	983884	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.311	95	345275	4.46	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 89.20%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.030	85	390609	2.37	PPBV	100
3) PROPYLENE	3.964	41	55179	2.55	PPBV	91
4) FREON 114	4.291	85	315476	2.30	PPBV	99
5) CHLOROMETHANE	4.191	50	71501	2.38	PPBV	97
6) VINYL CHLORIDE	4.417	62	86762	2.63	PPBV	97
7) 1,3-BUTADIENE	4.548	39	67065	2.45	PPBV	98
8) BROMOMETHANE	4.821	94	99802	2.34	PPBV	99
9) CHLOROETHANE	4.999	64	36681	2.72	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.778	101	359143	2.09	PPBV	100
11) ISOPROPYL ALCOHOL	5.819	45	118454	2.03	PPBV	95
12) ACETONE	5.586	43	124002	1.97	PPBV	100
13) PENTANE	6.133	42	75964	2.08	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.419	96	86127	2.11	PPBV	98
15) CARBON DISULFIDE	6.844	76	244227	2.04	PPBV	97
16) ETHANOL	5.098	45	27182	2.45	PPBV #	73
17) BROMOETHENE	5.361	106	90606	2.23	PPBV	99
18) METHYLENE CHLORIDE	6.529	84	150446	2.64	PPBV	97
19) 3-CHLOROPROPENE	6.651	39	80736	2.01	PPBV	98
20) FREON 113	6.786	151	188859	2.01	PPBV	98
21) TRANS-1,2-DICHLOROETHY...	7.457	96	83708	2.04	PPBV	96
22) TERTIARY BUTYL ALCOHOL	6.422	59	167365	2.40	PPBV	98
23) METHYL TERTIARY BUTYL ...	7.703	73	195193	2.10	PPBV	100
24) TETRAHYDROFURAN	9.134	42	50759	2.16	PPBV	99
25) HEXANE	8.656	57	96678	2.11	PPBV	95
26) VINYL ACETATE	7.776	43	133472	1.98	PPBV	99
27) 1,1-DICHLOROETHANE	7.652	63	145797	2.02	PPBV	99
28) METHYL ETHYL KETONE	8.026	43	119273	2.07	PPBV	98
29) cis-1,2-DICHLOROETHYLENE	8.458	96	61068	1.97	PPBV	97
30) ETHYL ACETATE	8.655	43	185673	2.10	PPBV	100
31) CHLOROFORM	8.742	83	188230	1.93	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.693	97	194607	1.85	PPBV	99
33) CARBON TETRACHLORIDE	10.280	117	258606	1.95	PPBV	98
34) 1,2-DICHLOROETHANE	9.452	62	115664	1.91	PPBV	99
36) BENZENE	10.135	78	162536	2.08	PPBV	99
37) CYCLOHEXANE	10.403	84	82507	2.36	PPBV	90
38) TRICHLOROETHYLENE	11.136	95	99833	1.98	PPBV	99
39) 1,2-DICHLOROPROPANE	10.910	63	56497	1.93	PPBV	100
40) BROMODICHLOROMETHANE	11.091	83	173511	1.82	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.157	57	288683	2.14	PPBV #	94
42) 1,4-DIOXANE	11.132	88	30137	2.14	PPBV #	1
43) HEPTANE	11.393	43	100731	2.20	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4773.D
Acq On : 2 Oct 2007 2:42 pm
Operator : danat
Sample : ic246-2 (M010)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 02 15:09:29 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Oct 02 14:26:29 2007
Response via : Initial Calibration

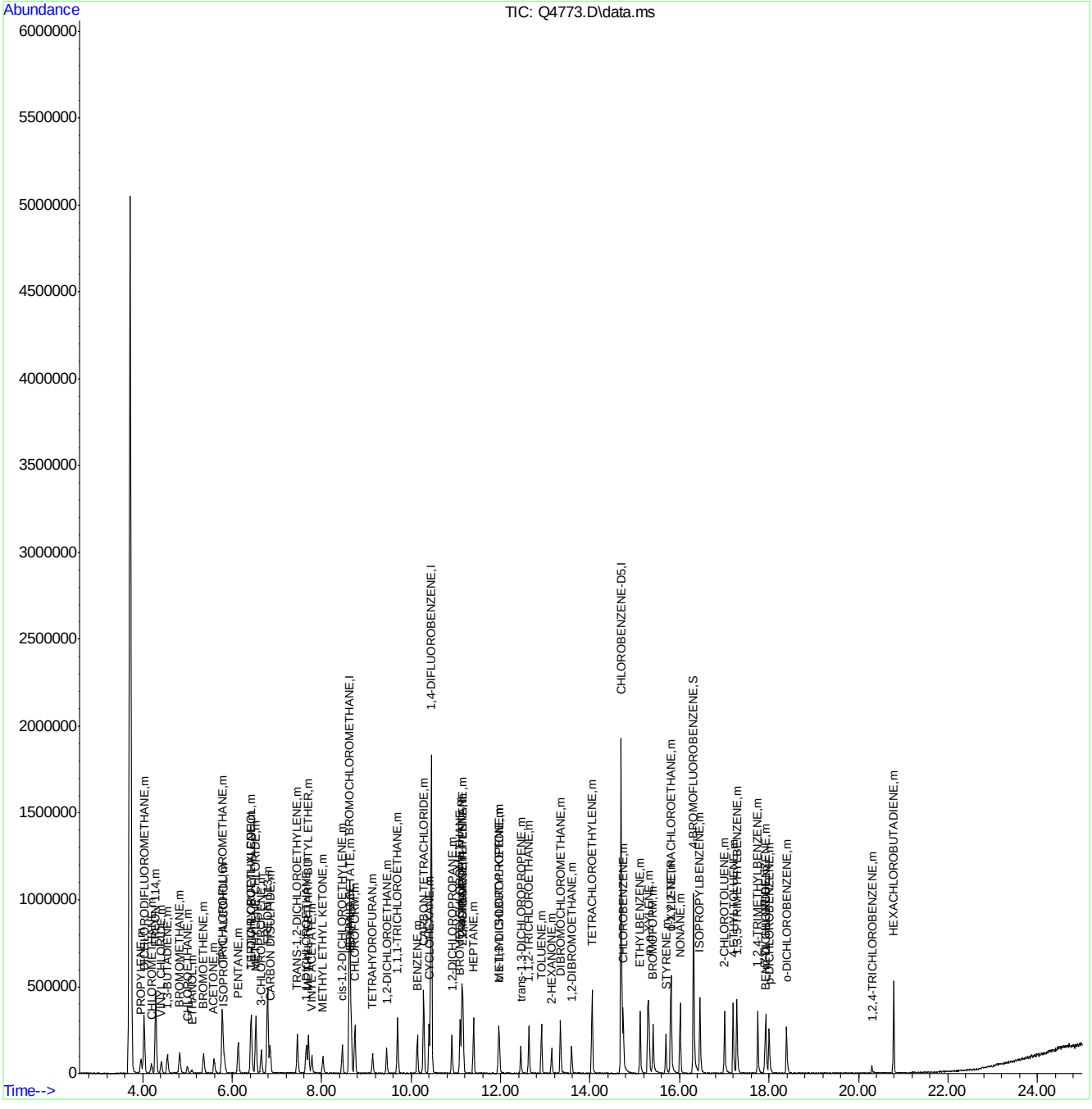
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.972	43	128762	2.26	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.952	75	77291	1.92	PPBV	94
46) TOLUENE	12.912	92	96133	1.71	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.449	75	70385	1.97	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.632	83	59305	1.99	PPBV	96
50) 2-HEXANONE	13.136	43	91466	2.18	PPBV	95
51) TETRACHLOROETHYLENE	14.046	164	88460	1.88	PPBV	99
52) DIBROMOCHLOROMETHANE	13.342	129	148160	1.86	PPBV	99
53) 1,2-DIBROMOETHANE	13.590	107	94085	1.98	PPBV	98
54) CHLOROBENZENE	14.737	112	156197	2.08	PPBV	100
55) ETHYLBENZENE	15.118	91	226472	1.99	PPBV	99
56) m,p-XYLENE	15.314	106	180906	4.38	PPBV	93
57) o-XYLENE	15.814	106	93149	2.35	PPBV	99
58) STYRENE	15.695	104	100526	1.93	PPBV	97
59) NONANE	16.013	43	124651	2.15	PPBV	99
60) BROMOFORM	15.410	173	138396	1.94	PPBV	95
62) 1,1,2,2-TETRACHLOROETHANE	15.802	83	144186	2.22	PPBV	99
63) ISOPROPYLBENZENE	16.455	105	285937	2.20	PPBV	99
64) 2-CHLOROTOLUENE	17.009	91	189520	2.29	PPBV	100
65) 4-ETHYLTOLUENE	17.197	105	230659	2.21	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.278	105	227053	2.16	PPBV	97
67) 1,2,4-TRIMETHYLBENZENE	17.745	105	179890	2.13	PPBV	99
68) m-DICHLOROBENZENE	17.928	146	113567	2.37	PPBV	99
69) BENZYL CHLORIDE	17.907	91	104728	2.19	PPBV	99
70) p-DICHLOROBENZENE	18.001	146	102687	2.40	PPBV	98
71) o-DICHLOROBENZENE	18.393	146	101637	2.30	PPBV	98
72) HEXACHLOROBUTADIENE	20.787	225	76502	2.34	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.303	180	13945	1.73	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4773.D
Acq On : 2 Oct 2007 2:42 pm
Operator : danat
Sample : ic246-2 (M010)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 02 15:09:29 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Oct 02 14:26:29 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4774.D
Acq On : 2 Oct 2007 3:26 pm
Operator : danat
Sample : ic246-20 (M010)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 02 15:51:14 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Oct 02 15:13:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.623	128	278784	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.453	114	1234330	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.694	117	1064703	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.316	95	404288	4.91	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 98.20%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.028	85	3417417	19.43	PPBV	100
3) PROPYLENE	3.959	41	555914	23.79	PPBV	92
4) FREON 114	4.287	85	2925245	20.12	PPBV	99
5) CHLOROMETHANE	4.193	50	673943	20.99	PPBV	98
6) VINYL CHLORIDE	4.413	62	800002	22.31	PPBV	99
7) 1,3-BUTADIENE	4.550	39	637836	21.74	PPBV	99
8) BROMOMETHANE	4.828	94	903873	19.93	PPBV	100
9) CHLOROETHANE	4.997	64	347071	23.56	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.778	101	3346854	18.66	PPBV	100
11) ISOPROPYL ALCOHOL	5.815	45	1237999	20.39	PPBV	99
12) ACETONE	5.583	43	1190016	18.22	PPBV	99
13) PENTANE	6.135	42	731883	19.17	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.415	96	881900	20.64	PPBV	94
15) CARBON DISULFIDE	6.846	76	2424167	19.43	PPBV	98
16) ETHANOL	5.087	45	255061	21.42	PPBV	99
17) BROMOETHENE	5.357	106	886787	20.69	PPBV	99
18) METHYLENE CHLORIDE	6.527	84	767892	22.30	PPBV	96
19) 3-CHLOROPROPENE	6.647	39	874328	20.91	PPBV	96
20) FREON 113	6.788	151	1845165	18.90	PPBV	98
21) TRANS-1,2-DICHLOROETHY...	7.457	96	856378	20.07	PPBV	96
22) TERTIARY BUTYL ALCOHOL	6.418	59	1674179	22.43	PPBV	97
23) METHYL TERTIARY BUTYL ...	7.696	73	2149721	22.11	PPBV	97
24) TETRAHYDROFURAN	9.123	42	642629	21.97	PPBV	97
25) HEXANE	8.656	57	990955	20.64	PPBV	97
26) VINYL ACETATE	7.778	43	1589855	22.69	PPBV	98
27) 1,1-DICHLOROETHANE	7.654	63	1532983	20.38	PPBV	98
28) METHYL ETHYL KETONE	8.019	43	1338260	22.21	PPBV	98
29) cis-1,2-DICHLOROETHYLENE	8.458	96	766001	23.87	PPBV	97
30) ETHYL ACETATE	8.653	43	1993000	21.55	PPBV	100
31) CHLOROFORM	8.743	83	2015558	19.95	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.700	97	2175318	20.14	PPBV	99
33) CARBON TETRACHLORIDE	10.280	117	2693462	19.65	PPBV	99
34) 1,2-DICHLOROETHANE	9.453	62	1288074	20.58	PPBV	99
36) BENZENE	10.138	78	2020112	25.82	PPBV	100
37) CYCLOHEXANE	10.401	84	924852	25.88	PPBV	96
38) TRICHLOROETHYLENE	11.138	95	1209941	24.16	PPBV	98
39) 1,2-DICHLOROPROPANE	10.912	63	685567	23.61	PPBV	98
40) BROMODICHLOROMETHANE	11.097	83	2165253	23.07	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.159	57	3436312	25.30	PPBV	100
42) 1,4-DIOXANE	11.120	88	406728	23.32	PPBV	95
43) HEPTANE	11.397	43	1248939	27.00	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4774.D
Acq On : 2 Oct 2007 3:26 pm
Operator : danat
Sample : ic246-20 (M010)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 02 15:51:14 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Oct 02 15:13:11 2007
Response via : Initial Calibration

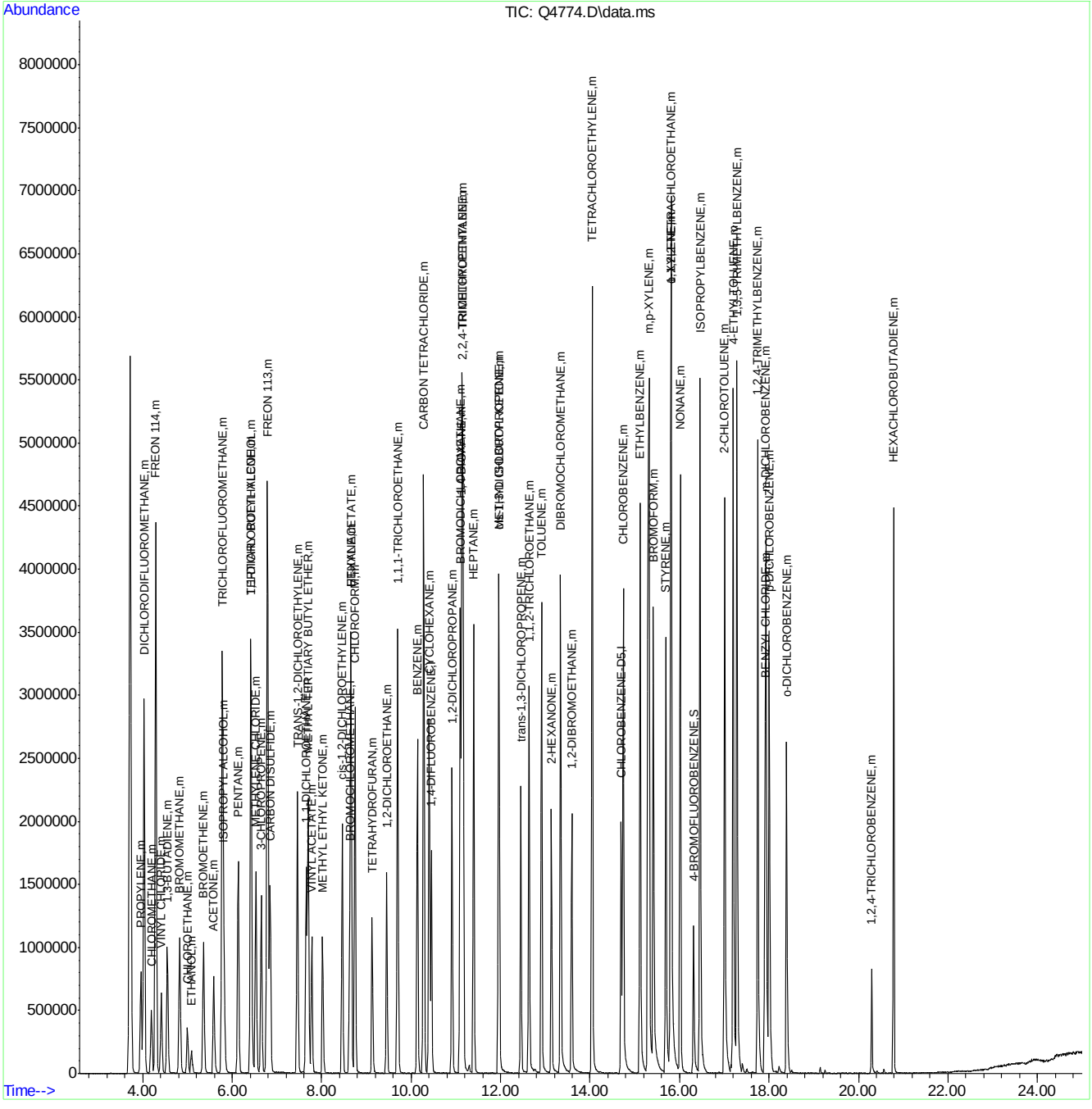
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.966	43	1642457	28.38	PPBV	100
45) cis-1,3-DICHLOROPROPENE	11.952	75	1106520	27.75	PPBV	97
46) TOLUENE	12.912	92	1431526	26.14	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.451	75	1039903	23.05	PPBV	96
48) 1,1,2-TRICHLOROETHANE	12.636	83	724171	24.42	PPBV	98
50) 2-HEXANONE	13.136	43	1363192	23.62	PPBV	98
51) TETRACHLOROETHYLENE	14.046	164	1245536	24.72	PPBV	97
52) DIBROMOCHLOROMETHANE	13.340	129	2064464	24.20	PPBV	99
53) 1,2-DIBROMOETHANE	13.589	107	1309235	25.46	PPBV	100
54) CHLOROBENZENE	14.740	112	1951829	23.90	PPBV	99
55) ETHYLBENZENE	15.118	91	3298463	19.96	PPBV	100
56) m,p-XYLENE	15.315	106	2502121	44.34	PPBV	98
57) o-XYLENE	15.812	106	1254152	23.61	PPBV	99
58) STYRENE	15.693	104	1628746	20.06	PPBV	99
59) NONANE	16.013	43	1635361	19.42	PPBV	99
60) BROMOFORM	15.413	173	1969398	25.58	PPBV	96
62) 1,1,2,2-TETRACHLOROETHANE	15.803	83	1812674	25.42	PPBV	99
63) ISOPROPYLBENZENE	16.458	105	3870261	27.09	PPBV	99
64) 2-CHLOROTOLUENE	17.009	91	2672383	23.53	PPBV	99
65) 4-ETHYLTOLUENE	17.198	105	3449710	22.84	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.284	105	3244225	20.63	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.747	105	2774127	20.90	PPBV	100
68) m-DICHLOROBENZENE	17.930	146	1470135	27.64	PPBV	100
69) BENZYL CHLORIDE	17.907	91	1660537	31.70	PPBV	99
70) p-DICHLOROBENZENE	18.004	146	1373335	28.85	PPBV	99
71) o-DICHLOROBENZENE	18.393	146	1016057	20.81	PPBV	99
72) HEXACHLOROBUTADIENE	20.785	225	683974	18.86	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.295	180	210231	24.62	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4774.D
Acq On : 2 Oct 2007 3:26 pm
Operator : danat
Sample : ic246-20 (M010)
Misc : MS14329,MSQ246,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 02 15:51:14 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Oct 02 15:13:11 2007
Response via : Initial Calibration



ACCUTEST Laboratories M68147

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4786a.D
Acq On : 3 Oct 2007 8:53 am
Operator : danat
Sample : icv246-10 (M112)
Misc : MS14329,MSQ247,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 03 11:38:10 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Oct 03 09:29:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.623	128	301648	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.451	114	1371610	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.694	117	1173068	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.309	95	463870	5.40	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 108.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.031	85	1509218	8.05	PPBV	100
3) PROPYLENE	3.957	41	256731	10.16	PPBV	91
4) FREON 114	4.289	85	1342965	8.60	PPBV	99
5) CHLOROMETHANE	4.191	50	315982	9.02	PPBV	98
6) VINYL CHLORIDE	4.415	62	362987	9.25	PPBV	99
7) 1,3-BUTADIENE	4.551	39	304593	9.52	PPBV	99
8) BROMOMETHANE	4.828	94	420879	8.52	PPBV	100
9) CHLOROETHANE	4.999	64	171474	10.50	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.781	101	1567784	8.07	PPBV	99
11) ISOPROPYL ALCOHOL	5.815	45	542509	8.12	PPBV	97
12) ACETONE	5.584	43	496119	7.36	PPBV	99
13) PENTANE	6.135	42	367795	8.87	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.415	96	413617	8.94	PPBV	95
15) CARBON DISULFIDE	6.844	76	1135736	8.40	PPBV	98
16) ETHANOL	5.084	45	108571	8.26	PPBV	99
17) BROMOETHENE	5.355	106	409017	8.78	PPBV	98
18) METHYLENE CHLORIDE	6.529	84	369762	8.92	PPBV	97
19) 3-CHLOROPROPENE	6.646	39	412691	9.10	PPBV	96
20) FREON 113	6.786	151	889117	8.40	PPBV	98
21) TRANS-1,2-DICHLOROETHY...	7.457	96	414217	9.01	PPBV	93
22) TERTIARY BUTYL ALCOHOL	6.418	59	745058	9.19	PPBV	99
23) METHYL TERTIARY BUTYL ...	7.695	73	835395	8.00	PPBV	96
24) TETRAHYDROFURAN	9.127	42	256539	7.78	PPBV	98
25) HEXANE	8.655	57	475089	8.99	PPBV	98
26) VINYL ACETATE	7.774	43	627800	8.34	PPBV	98
27) 1,1-DICHLOROETHANE	7.652	63	720381	8.86	PPBV	99
28) METHYL ETHYL KETONE	8.016	43	560432	8.49	PPBV	99
29) cis-1,2-DICHLOROETHYLENE	8.461	96	363359	10.37	PPBV	96
30) ETHYL ACETATE	8.651	43	887248	8.69	PPBV	100
31) CHLOROFORM	8.743	83	988493	8.95	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.695	97	1015733	8.61	PPBV	99
33) CARBON TETRACHLORIDE	10.280	117	1268399	8.48	PPBV	99
34) 1,2-DICHLOROETHANE	9.452	62	573228	8.49	PPBV	100
36) BENZENE	10.137	78	887380	9.82	PPBV	100
37) CYCLOHEXANE	10.401	84	438994	10.77	PPBV	99
38) TRICHLOROETHYLENE	11.134	95	583971	10.38	PPBV	98
39) 1,2-DICHLOROPROPANE	10.910	63	295410	9.25	PPBV	97
40) BROMODICHLOROMETHANE	11.095	83	963484	9.22	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.155	57	1670604	10.85	PPBV	99
42) 1,4-DIOXANE	11.125	88	171903	8.09	PPBV #	73
43) HEPTANE	11.393	43	610578	11.49	PPBV	98

ACCUTEST Laboratories M68147

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4786a.D
Acq On : 3 Oct 2007 8:53 am
Operator : danat
Sample : icv246-10 (M112)
Misc : MS14329,MSQ247,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 03 11:38:10 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Oct 03 09:29:03 2007
Response via : Initial Calibration

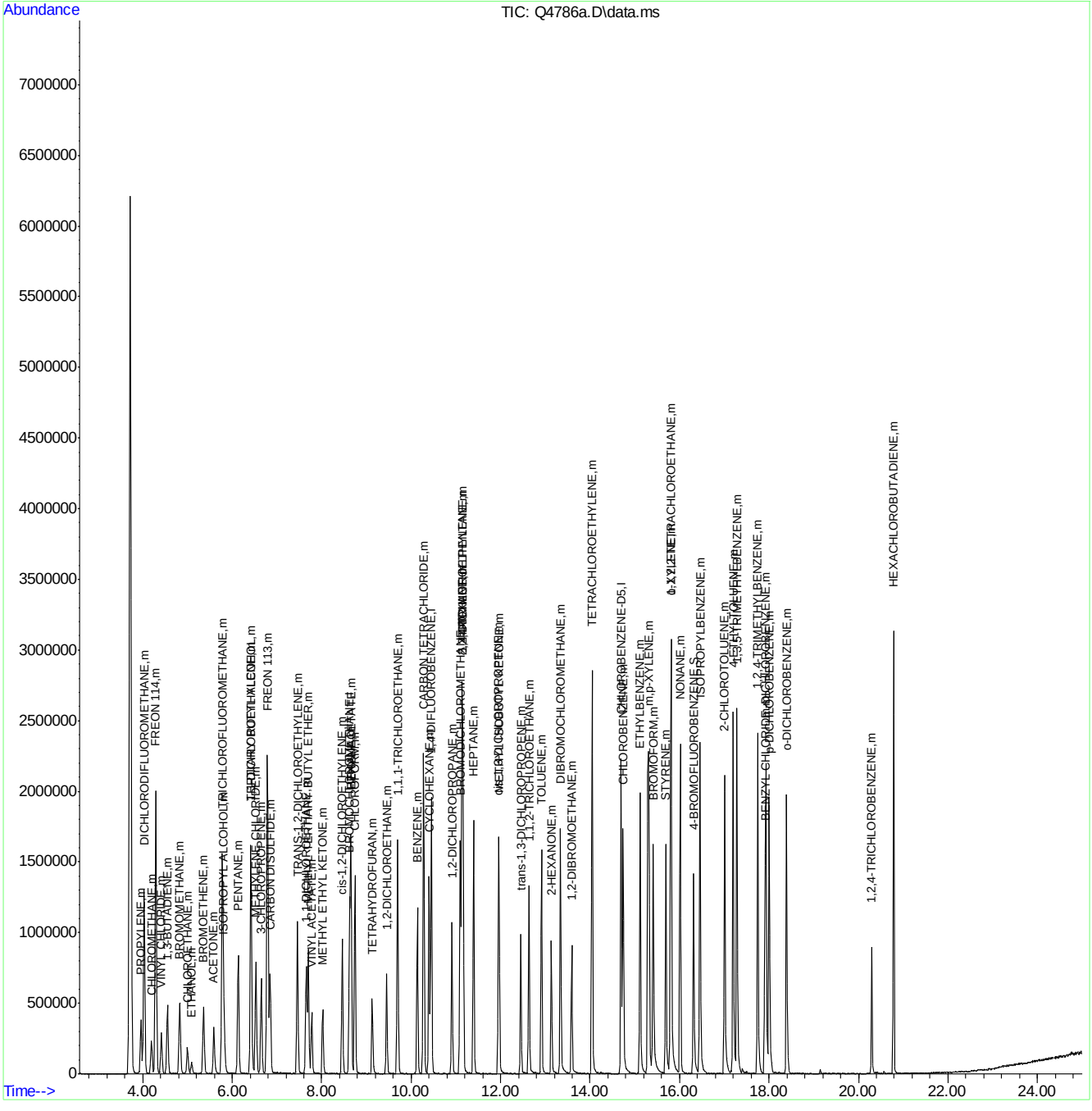
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.965	43	700302	7.95	PPBV	100
45) cis-1,3-DICHLOROPROPENE	11.947	75	470904	10.26	PPBV	97
46) TOLUENE	12.911	92	579311	9.17	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.451	75	434311	8.18	PPBV	96
48) 1,1,2-TRICHLOROETHANE	12.634	83	316566	9.26	PPBV	100
50) 2-HEXANONE	13.134	43	610713	8.48	PPBV	99
51) TETRACHLOROETHYLENE	14.043	164	561723	9.91	PPBV	97
52) DIBROMOCHLOROMETHANE	13.340	129	877441	9.22	PPBV	100
53) 1,2-DIBROMOETHANE	13.590	107	554188	9.61	PPBV	100
54) CHLOROBENZENE	14.737	112	868250	9.37	PPBV	99
55) ETHYLBENZENE	15.117	91	1352525	7.81	PPBV	99
56) m,p-XYLENE	15.314	106	1046464	15.85	PPBV	96
57) o-XYLENE	15.811	106	533739	8.10	PPBV	96
58) STYRENE	15.693	104	722858	8.53	PPBV	99
59) NONANE	16.013	43	792570	9.18	PPBV	100
60) BROMOFORM	15.411	173	828088	9.60	PPBV	96
62) 1,1,2,2-TETRACHLOROETHANE	15.800	83	827121	10.17	PPBV	97
63) ISOPROPYLBENZENE	16.457	105	1617995	9.99	PPBV	99
64) 2-CHLOROTOLUENE	17.005	91	1196955	9.00	PPBV	99
65) 4-ETHYLTOLUENE	17.197	105	1544103	8.78	PPBV	100
66) 1,3,5-TRIMETHYLBENZENE	17.278	105	1464316	8.69	PPBV	100
67) 1,2,4-TRIMETHYLBENZENE	17.747	105	1307646	9.32	PPBV	100
68) m-DICHLOROBENZENE	17.930	146	772751	9.77	PPBV	99
69) BENZYL CHLORIDE	17.905	91	869111	9.91	PPBV	99
70) p-DICHLOROBENZENE	18.002	146	760194	10.27	PPBV	98
71) o-DICHLOROBENZENE	18.389	146	697538	12.07	PPBV	99
72) HEXACHLOROBUTADIENE	20.787	225	461099	12.15	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.295	180	229249	20.11	PPBV	96

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4786a.D
Acq On : 3 Oct 2007 8:53 am
Operator : danat
Sample : icv246-10 (M112)
Misc : MS14329,MSQ247,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 03 11:38:10 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Oct 03 09:29:03 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4807.D
Acq On : 4 Oct 2007 9:10 am
Operator : danat
Sample : cc246-10 (M112)
Misc : MS14329,MSQ248,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 04 14:19:57 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Oct 03 09:29:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.619	128	318139	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.449	114	1403558	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.692	117	1205736	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.311	95	505063	5.73	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 114.60%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.028	85	2108932	10.66	PPBV	100
3) PROPYLENE	3.957	41	343083	12.88	PPBV	94
4) FREON 114	4.289	85	1954660	11.87	PPBV	97
5) CHLOROMETHANE	4.193	50	464513	12.58	PPBV	96
6) VINYL CHLORIDE	4.411	62	514493	12.43	PPBV	99
7) 1,3-BUTADIENE	4.550	39	437088	12.95	PPBV	99
8) BROMOMETHANE	4.825	94	587041	11.26	PPBV	100
9) CHLOROETHANE	4.995	64	223185	12.96	PPBV	97
10) TRICHLOROFLUOROMETHANE	5.778	101	2072598	10.12	PPBV	99
11) ISOPROPYL ALCOHOL	5.815	45	563690	8.00	PPBV	94
12) ACETONE	5.584	43	603064	8.51	PPBV	98
13) PENTANE	6.129	42	482433	11.03	PPBV	96
14) 1,1-DICHLOROETHYLENE	6.413	96	507888	10.40	PPBV	96
15) CARBON DISULFIDE	6.844	76	1455069	10.20	PPBV	98
16) ETHANOL	5.087	45	120109	8.66	PPBV	99
17) BROMOETHENE	5.357	106	514131	10.46	PPBV	98
18) METHYLENE CHLORIDE	6.525	84	482165	11.38	PPBV	97
19) 3-CHLOROPROPENE	6.646	39	492978	10.31	PPBV	94
20) FREON 113	6.786	151	1060031	9.50	PPBV	99
21) TRANS-1,2-DICHLOROETHY...	7.455	96	471702	9.72	PPBV	96
22) TERTIARY BUTYL ALCOHOL	6.418	59	774261	9.06	PPBV	94
23) METHYL TERTIARY BUTYL ...	7.693	73	885873	8.04	PPBV	98
24) TETRAHYDROFURAN	9.127	42	292167	8.41	PPBV	99
25) HEXANE	8.656	57	580888	10.43	PPBV	98
26) VINYL ACETATE	7.774	43	712671	8.98	PPBV	93
27) 1,1-DICHLOROETHANE	7.650	63	886617	10.34	PPBV	99
28) METHYL ETHYL KETONE	8.018	43	624272	8.97	PPBV	99
29) cis-1,2-DICHLOROETHYLENE	8.459	96	413452	11.18	PPBV	99
30) ETHYL ACETATE	8.653	43	1073411	9.97	PPBV	100
31) CHLOROFORM	8.742	83	1201134	10.31	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.695	97	1224529	9.85	PPBV	100
33) CARBON TETRACHLORIDE	10.279	117	1522122	9.65	PPBV	99
34) 1,2-DICHLOROETHANE	9.452	62	704255	9.89	PPBV	100
36) BENZENE	10.137	78	1097271	11.86	PPBV	99
37) CYCLOHEXANE	10.401	84	526754	12.63	PPBV	99
38) TRICHLOROETHYLENE	11.132	95	731560	12.70	PPBV	99
39) 1,2-DICHLOROPROPANE	10.912	63	379138	11.60	PPBV	99
40) BROMODICHLOROMETHANE	11.095	83	1186446	11.09	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.155	57	2132326	13.53	PPBV	98
42) 1,4-DIOXANE	11.122	88	209402	9.57	PPBV	88
43) HEPTANE	11.393	43	751061	13.81	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4807.D
Acq On : 4 Oct 2007 9:10 am
Operator : danat
Sample : cc246-10 (M112)
Misc : MS14329,MSQ248,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 04 14:19:57 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Oct 03 09:29:03 2007
Response via : Initial Calibration

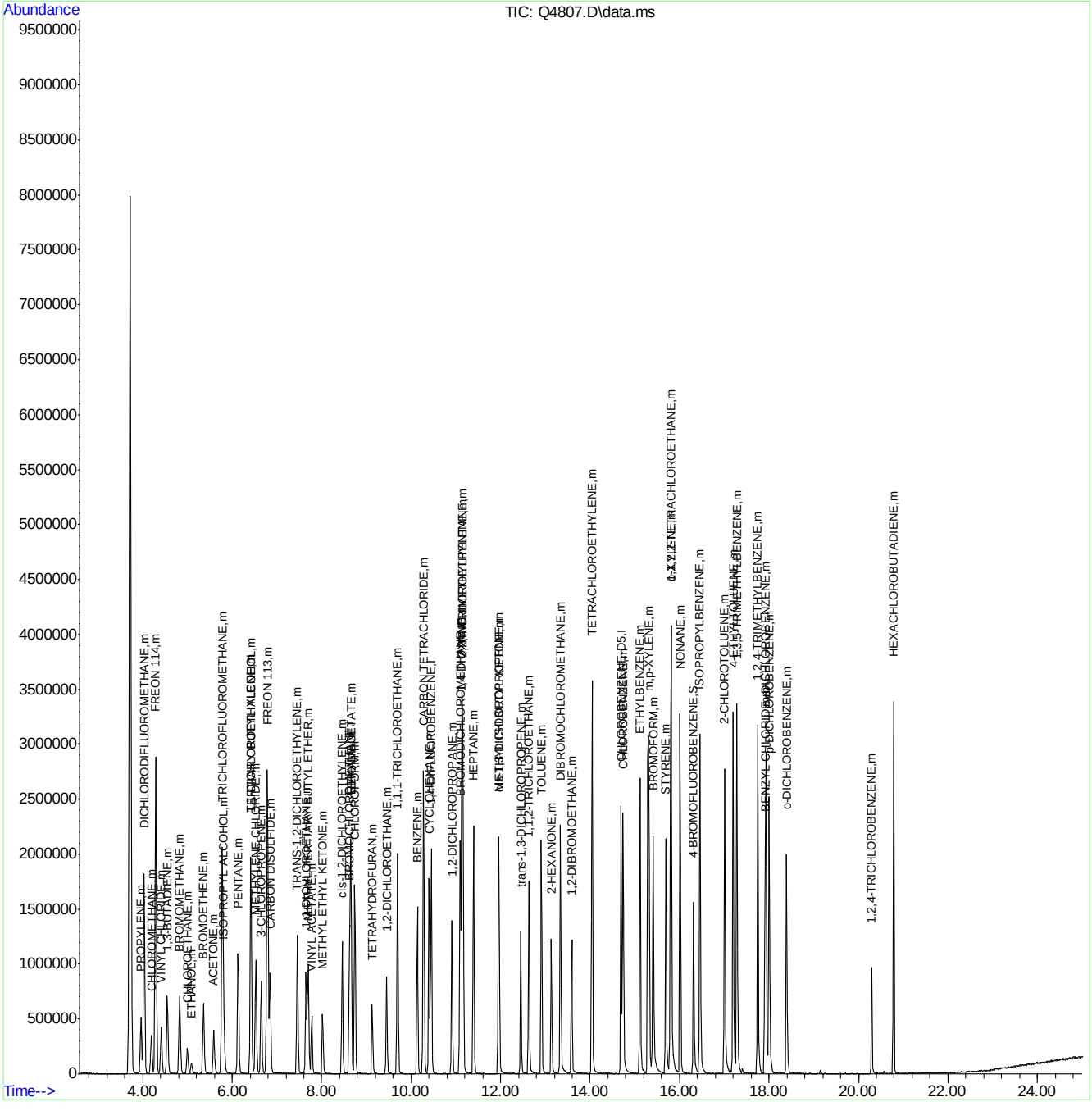
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.963	43	853642	9.43	PPBV	100
45) cis-1,3-DICHLOROPROPENE	11.950	75	591143	12.59	PPBV	96
46) TOLUENE	12.911	92	750323	11.61	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.451	75	538050	9.78	PPBV	96
48) 1,1,2-TRICHLOROETHANE	12.632	83	408273	11.67	PPBV	99
50) 2-HEXANONE	13.132	43	745390	10.02	PPBV	99
51) TETRACHLOROETHYLENE	14.043	164	680217	11.68	PPBV	98
52) DIBROMOCHLOROMETHANE	13.338	129	1122934	11.48	PPBV	100
53) 1,2-DIBROMOETHANE	13.589	107	716462	12.08	PPBV	99
54) CHLOROBENZENE	14.739	112	1130445	11.87	PPBV	100
55) ETHYLBENZENE	15.117	91	1733617	9.66	PPBV	99
56) m,p-XYLENE	15.312	106	1381267	20.20	PPBV	97
57) o-XYLENE	15.812	106	698837	10.25	PPBV	97
58) STYRENE	15.693	104	924218	10.52	PPBV	99
59) NONANE	16.011	43	1099234	12.33	PPBV	100
60) BROMOFORM	15.409	173	1063178	11.99	PPBV	96
62) 1,1,2,2-TETRACHLOROETHANE	15.800	83	1098963	13.14	PPBV	99
63) ISOPROPYLBENZENE	16.455	105	2096919	12.60	PPBV	100
64) 2-CHLOROTOLUENE	17.009	91	1552352	11.22	PPBV	99
65) 4-ETHYLTOLUENE	17.195	105	1957210	10.72	PPBV	100
66) 1,3,5-TRIMETHYLBENZENE	17.282	105	1840510	10.55	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.747	105	1649965	11.32	PPBV	100
68) m-DICHLOROBENZENE	17.928	146	994737	12.31	PPBV	99
69) BENZYL CHLORIDE	17.907	91	1066052	11.84	PPBV	99
70) p-DICHLOROBENZENE	18.002	146	941032	12.44	PPBV	99
71) o-DICHLOROBENZENE	18.393	146	757413	12.75	PPBV	99
72) HEXACHLOROBUTADIENE	20.787	225	521381	13.36	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.295	180	245612	21.01	PPBV	96

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4807.D
Acq On : 4 Oct 2007 9:10 am
Operator : danat
Sample : cc246-10 (M112)
Misc : MS14329,MSQ248,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 04 14:19:57 2007
Quant Method : C:\msdchem\1\METHODS\Q100207T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Oct 03 09:29:03 2007
Response via : Initial Calibration



ACCUTEST Laboratories M68147

Standard Lot #	
Calib STD 1	MSA371
Calib STD 2	MSA372
ICV	MSA366
Inter/Surr STD	MSA218
BS/BSD	MSA366

File ID	
Tune File 1	J10860
Tune File 2	J10868A
Initial Cal.	7/5/07
ID FILE	J070507T.M
Instrument ID	J
ICAL:	J10868
Column Type:	RTX-1
Sequence Verified By:	DT 7/6/07

Date:	7/5/2007
Analyst:	DANAT
Batch ID:	msj562
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	7/11/2007 9:46:28 AM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
J10860	IC562-0.5	m210	MSA372	VTO15	1		1		
J10861	IC562-0.2	m210	MSA372	VTO15	1		1		
J10862	IC562-2	m210	MSA372	VTO15	2		1		Re-run , hexachlorbutadiene fails high.
J10863	IC562-40	m211	MSA371	VTO15	2		1		
J10864	IC562-20	m211	MSA371	VTO15	2		1		
J10865	ICC562-10	m211	MSA371	VTO15	2		1		
J10866	IC562-5	m211	MSA371	VTO15	2		1		
J10867	IC562-2	m211	MSA371	VTO15	2		1		
J10868	ICV562-10	m080	MSA366	VTO15	3		1		
J10868a	CC562-10	m080	MSA366	VTO15	3		1		
J10868b	BS	m080	M3A366	VTO15	3		1		
J10869	BLANK	m208		VTO15	4		1		
J10870	MB	m208		VTO15	4		1		
J10871	SCC	m217		VTO15	5		1		
J10872	SCC	m218		VTO15	6		1		
J10873	SCC	m018		VTO15	7		1		
J10874	SCC	m125		VTO15	8		1		
J10875	SCC	m041		VTO15	9		1		
J10876	SCC	m048		VTO15	10		1		
J10877	SCC	m219		VTO15	11		1		
J10878	SCC	m039		VTO15	12		1		
J10879	SCC	m095		VTO15	13		1		
J10880	SCC	m031		VTO15	14		1		
J10881	SCC	m222		VTO15	15		1		
J10882	SCC	m147		VTO15	16		1		
J10883	SCC	m220		VTO15	1		1		
J10884	SCC	m145		VTO15	2		1		Re-run , possible carryover from previous can on postion 2.
J10885	SCC	m158		VTO15	3		1		
J10886	SCC	m145		VTO15	2		1		
J10887	SCC	m202		VTO15	1		1		
J10888	M65994-1	m025	MS13894	VTO15STD	4		20		Re-run @ 5x , too dilute.
J10889	M65994-2	m124	MS13894	VTO15STD	5		20		Re-run @ 1x , too dilute.
J10890	M65994-1	m025	MS13894	VTO15STD	4		5		Over calibration , combine with previous run.

J10891	M65994-2	m124	MS13894	VTO15STD	5		1			
J10892	M65994-1DUP	m025	MS13894	VTO15STD	4		5			

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.

Accutest Laboratories of New England, Inc.

MS Analysis Log

Instrument: GCMS Q

BATCH DATA	
DATE	10/2/07
BATCH ID	MSQ246
ANALYST	JT

ALS DATA	
METHOD	TO15
NAMELIST	NA
QC FILE	NA

GC/MS DATA	
METHOD	Q100207.M
SEQ	Q100207.S
ICAL ICV	Q4776

STANDARD DATA		
LOT#	DESCRIPTION	CONC
MSA3910	Int/Surr	40/20 ppb
MSA4119	TO15 Std	40 ppbv
MSA4121	TO15 Std	2 ppbv
MSA4118	TO15 LCS	40 ppbv
MSA4123	TO15 LCS	40 ppbv

Sequence Verified: 10/3/07

DATA FILE	SAMPLE ID	CANISTER SERIAL #	TEST	WORK GROUP	ALS	VOL SAMPLE	DIL FACT.	COMMENTS
Q4765	IC246-0.5	M051	TO15	MSA4121	1	100		
Q4766	IC246-0.2	M051		MSA4121	1	40		
Q4767	IC246-40	M010		MSA4119	2	400		
Q4768	IC246-20	M010		MSA4119	2	200		RR Int ↓
Q4769	ICC246-10	M010		MSA4119	2	~~200~~ 400		RR Int ↓
Q4770	~~blank~~ ~~IC246-5~~	~~M055~~ ~~M010~~		MSA4119	~~2~~ 11	~~50~~ 400		
Q4771	ICC246-10 ~~IC246-2~~	M010		MSA4119	2	~~20~~ 100		
Q4772	IC246-5	M010		MSA4119	2	50		
Q4773	IC246-2	M010		MSA4119	2	20		
Q4774	IC246-20	M010		MSA4119	2	200		
Q4775	ICV246-10	M002		MSA4118	3	100		compounds # 5,8,67,68,69,70,73 fail low, Remake Std & RR
Q4776	ICV246-10	M112		MSA4123	3	100		Compounds # 2,3,5,8,10,11,12,16 fail low, Good for GEI Short list
Q4776A	~~CC246-10~~ ~~ICV246-10~~	M112		MSA4123	3	100		
Q4776B	BS	M112		MSA4123	3	100		
Q4777	blank	M138			4	400		
Q4778	MB	M138			4	400		
Q4779	M67846-1	M024	TO15 GEI short list	MS4329	5	400	1	
Q4780	M67846-2	M001			6	400	1	
Q4781	dup	M001			6	400	1	
Q4782	M67847-1	M212			7	400	1	
Q4783	M67847-2	M039			8	400	1	
Q4784	M67848-1	M143			9	400	1	
Q4785	M67848-2	M048			10	400	1	

10/2/07

QA Review: 10/4/07

ACCUTEST Laboratories M68147

Accutest Laboratories of New England, Inc.

MS Analysis Log

Instrument: GCMS Q

BATCH DATA	
DATE	10/3/07
BATCH ID	MSQ247
ANALYST	DT

ALS DATA	
METHOD	TO15
NAMELIST	NA
QC FILE	NA

GC/MS DATA	
METHOD	Q100207T.M
SEQ	Q100302S
ICAL	Q4786A

STANDARD DATA		
LOT#	DESCRIPTION	CONC
MSA390	Int/Surr	40/20 ppbv
MSA423	TO15 LCS	40 ppbv

Sequence Verified: DT 10/4/07

DATA FILE	SAMPLE ID	CANISTER SERIAL #	TEST	WORK GROUP	ALS	VOL SAMPLE	DIL FACT.	COMMENTS
Q4786	CC246-10	M112	TO15	MSA423	3	100		
Q4786A	ICV246-10	M112		MSA423	3	100		
Q4786B	BS	M112		MSA423	3	100		
Q4787	~~blank~~ MB 10/3/07	M074			4	400		Job # M67963-1
Q4788	~~MB~~ SCC DT 10/3/07	M097			1	400		-2
Q4789	SCC	M088			2	400		-3
Q4790	SCC	M065			3	400		-4
Q4791	SCC	M025			4	400		-5
Q4792	SCC	M081			5	400		-6
Q4793	SCC	M172			6	400		-7
Q4794	SCC	M064			7	400		-8
Q4795	SCC	M045			8	400		-9
Q4796	SCC	M076			9	400		-10
Q4797	SCC	M115			10	400		-11
Q4798	SCC	M055			11	400		-12
Q4799	SCC	M020			12	400		-13
Q4800	SCC	M214			13	400		-14
Q4801	SCC	M098			14	400		-15
Q4802	SCC	M056			15	400		-16
Q4803	SCC	M079			16	400		-17
Q4804	SCC	M026			1	400		-18
Q4805	SCC	M124			2	400		-19
Q4806	SCC	M032			3	400		-20
Q4807	SCC(CP471)	M078			4	400		not run
Q4808	SCC(CP471)	M073			5	400		not run
				DT 10/3/07				

QA Review: 10/10/07

MS Analysis Log

Instrument: GCMS Q

BATCH DATA	
DATE	10/4/07
BATCH ID	MSQ248
ANALYST	[illegible]

ALS DATA	
METHOD	TO15
NAMELIST	NA
QC FILE	NA

GC/MS DATA	
METHOD	Q100207T.M
SEQ	Q100407S
ICAL ICV	Q4786A

STANDARD DATA		
LOT#	DESCRIPTION	CONC
MSA393	Int/Surr	40/20 ppbv
MSA423	TO15 LCS	60 ppbv

Sequence Verified: [illegible] 10/5/07

DATA FILE	SAMPLE ID	CANISTER SERIAL #	TEST	WORK GROUP	ALS	VOL SAMPLE	DIL FACT.	COMMENTS
Q4807	CC246-10	M112	TO15 10/4/07	MSA423	1	100		compounds # 41, 43, 62, 72, 73 fail high pR samples with these hits
Q4807A	BS	M112		MSA423	1	100		
Q4808	blank	M028			4	400		
Q4809	MB	M028			4	400		
Q4809A	SCC (CP477)	M028			4	400		M67963-21
Q4810	SCC (CP478)	M023			5	400		-22
Q4811	SCC	M135			6	400		-23
Q4812	SCC	M093			7	400		-24
Q4813	SCC	M004			8	400		-25
Q4814	SCC	M035			9	400		-26
Q4815	SCC	M013			10	400		-27
Q4816	SCC	M166			11	400		-28
Q4817	SCC	M125			12	400		-29
Q4818	SCC	M140			13	400		-30
Q4819	FCB122	M102			14	400		
Q4820	FCB123	M019			15	400		
Q4821	M68147-1	M222	TO15 GEN	MSI4404	2	400	1	
Q4822	dup	M222			2	400	1	
Q4823	M68147-2	M052			3	400	1	
Q4824	M67977-6	M031	TO15 STD		4	~~20~~ 20 10/4/07	~~1~~ 20	pR 100X - over cal
Q4825	M68148-1	M007			5	20	20	pR 100X - over cal
Q4826	M68148-2	M113			6	400	1	pR 20X - over cal
Q4827	M68149-1	M058			7	80	5	Int ↑ - pR 20X - over cal; doesn't report heptane in this run
Q4828	M68150-1	M012			8	20	20	Int ↑ - pR 1,000X - over cal

[illegible] 10/4/07

QA Review: [illegible] 10/10/07

ACCUTEST Laboratories M68147