New England ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

05/25/07

Technical Report for

GEI Consultants, Inc.

Indoor & Outdoor Air Samples Tufts St., Somerville MA

045162

Accutest Job Number: M64701

Sampling Date: 05/08/07

Report to:

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

ATTN: Raymond Siegener, Ph.D.

Total number of pages in report: **444**

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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

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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Sample Summary

GEI Consultants, Inc.

Job No: M64701

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

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
M64701-1	05/08/07	14:25	TAD	05/09/07	AIR	Air	045162-103WASH-SS1
M64701-2	05/08/07	15:40	TAD	05/09/07	AIR	Air	045162-103WASH-SS2

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	GEI Consultants, Inc.	**Job No**	M64701
Site:	Indoor & Outdoor Air Samples Tufts St., Somerville MA	**Report Date**	5/24/2007 4:28:57 PM

1 Sample was collected on 05/08/2007 and were received at Accutest on 05/09/2007. These Samples received an Accutest job number of M64701. 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:** MSJ534

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M64644-1DUP were used as the QC samples indicated.

Matrix AIR **Batch ID:** MSQ186

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M64698-2RDUP were used as the QC samples indicated.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(M64701).

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-103WASH-SS1		
Lab Sample ID:	M64701-1	**Date Sampled:**	05/08/07
Matrix:	AIR - Air Summa ID: M061	**Date Received:**	05/09/07
Method:	TO-15	**Percent Solids:**	n/a
Project:	Indoor & Outdoor Air Samples Tufts St., Somerville MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J10324.D	1	05/11/07	DFT	n/a	n/a	MSJ534
Run #2	Q3399.D	20	05/16/07	PB	n/a	n/a	MSQ186

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

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	64.52	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
56-23-5	153.8	Carbon tetrachloride	0.11	0.20	ppbv	J	0.69	1.3	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	0.24	0.20	ppbv		0.95	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	3.7	0.20	ppbv		15	0.79	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	0.19	0.20	ppbv	J	1.0	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	343 [a]	4.0	ppbv		2330 [a]	27	ug/m3
79-01-6	131.4	Trichloroethylene	15.9 [a]	4.0	ppbv		85.5 [a]	21	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%	83%	57-139%

(a) Result is from Run# 2

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

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

Misc. Forms

Custody Documents and Other Forms

CHAIN OF CUSTODY

ACCUTEST Laboratories

Air Sampling Field Data Sheet

PED-EX Tracking #:
Lab Quote #:
Bottle Order Control #:
Lab Job #: M64701

Client / Reporting Information

Company Name: GEI
Address: 400 Unicorn Park Dr
City: Woburn State: MA Zip: 01801
Project Contact: Mark Ensign E-mail: Mensign@GEIconsultants.com
Phone #: 781-721-4000 Fax #: 781-721-4073
Sampler(s) Name(s):

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

Weather Parameters

Temperature (Fahrenheit)
Start: 94.1 Maximum:
Stop: 90.3 Minimum:
Atmospheric Pressure (inches of Hg)
Start: 30.16 Maximum:
Stop: 30.15 Minimum:
Other weather comment:

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.	Requested Analysis: Standard TO-15 Reporting List	MA-EPH-APH	
-1	045162-103WASH-SS1	SV	M061	6	MC104	5-8-07	1326	29.5	–	TAD	5-8-07	1425	3	–	TAD			
-2	045162-103WASH-SS2	SV	M015	6	MC110	5-8-07	1433	29	–	TAD	5-8-07	1540	5	–	TAD			HOLD

Turnaround Time / Business days

Standard - 10 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 HOLD Sample SS2

See attached list

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

Relinquished by Laboratory:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 GEI 166	5-8-07 730	1 T. Daigle	2 Tom Daigle	5-8-07 1830	2 GEI 166
Relinquished by: GEI Lab	Date Time: 5/9/07 1515	Received By: 3 Tom Sayer	Relinquished By: 4 Tom Sayer	Date Time: 5/9/07 1515	Received By: 4
Relinquished by: 5	Date Time: 5/9/07 17:[illegible]	Received By: 5	Custody Seal #		

SM013-01 (2/14/06)

M64701: 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: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA
Received: 05/09/07

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
M061	6	29.4	04/16/07	PB	CP397	J10041.D	M64701-1	05/11/07	DFT	2			1
M015	6	29.4	04/16/07	PB	CP394	J9993.D	M64701-2	05/16/07	PB	3		-1.5	1

FLOW CONTROLLERS

Shipping					Receiving		
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min
MC104	04/16/07	PB	80	1	05/14/07	DFT	89.7
MC110	04/16/07	PB	80	1	05/16/07	PB	76.4

Accutest Bottle Order(s):
PB/4-16-07/GEI/TUFTS ST.

Prep Date	Room Temp(F)	Bar Pres "Hg
04/16/07	70	29.92

Internal Sample Tracking Chronicle

GEI Consultants, Inc.

Job No: M64701

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

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M64701-1	Collected: 08-MAY-07 14:25 By: TAD		Received: 09-MAY-07 By: RS			
045162-103WASH-SS1						
M64701-1	TO-15	11-MAY-07 20:13	DFT			VTO15STD
M64701-1	TO-15	16-MAY-07 15:51	PB			VTO15STD

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSJ534-MB	J10315.D	1	05/11/07	DFT	n/a	n/a	MSJ534

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

M64701-1

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

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	91%	57-139%

Method Blank Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ186-MB	Q3398.D	1	05/16/07	PB	n/a	n/a	MSQ186

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

M64701-1

CAS No.	Compound	Result	RL	Units	Q	Result	RL	Units
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

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	86%	57-139%

Method Blank Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSJ518-MB	J10019.D	1	04/13/07	PB	n/a	n/a	MSJ518

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

MSJ518-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	80%	57-139%

Blank Spike Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSJ534-BS	J10313A.D	1	05/11/07	DFT	n/a	n/a	MSJ534

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

M64701-1

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	11.0	110	70-130
56-23-5	Carbon tetrachloride	10	10	100	70-130
75-34-3	1,1-Dichloroethane	10	9.0	90	70-130
75-35-4	1,1-Dichloroethylene	10	9.6	96	70-130
107-06-2	1,2-Dichloroethane	10	8.9	89	70-130
156-60-5	trans-1,2-Dichloroethylene	10	9.5	95	70-130
156-59-2	cis-1,2-Dichloroethylene	10	9.3	93	70-130
71-55-6	1,1,1-Trichloroethane	10	9.8	98	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	9.4	94	70-130
79-00-5	1,1,2-Trichloroethane	10	8.9	89	70-130
75-01-4	Vinyl chloride	10	9.0	90	70-130

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

Blank Spike Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ186-BS	Q3396A.D	1	05/16/07	PB	n/a	n/a	MSQ186

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

M64701-1

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
127-18-4	Tetrachloroethylene	10	11.0	110	70-130
79-01-6	Trichloroethylene	10	8.8	88	70-130

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

Blank Spike Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSJ518-BS	J10018A.D	1	04/13/07	PB	n/a	n/a	MSJ518

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

MSJ518-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	9.1	91	70-130
56-23-5	Carbon tetrachloride	10	12.6	126	70-130
75-34-3	1,1-Dichloroethane	10	7.8	78	70-130
75-35-4	1,1-Dichloroethylene	10	8.5	85	70-130
107-06-2	1,2-Dichloroethane	10	11.6	116	70-130
156-60-5	trans-1,2-Dichloroethylene	10	8.3	83	70-130
156-59-2	cis-1,2-Dichloroethylene	10	9.1	91	70-130
71-55-6	1,1,1-Trichloroethane	10	11.6	116	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	10.4	104	70-130
79-00-5	1,1,2-Trichloroethane	10	11.1	111	70-130
127-18-4	Tetrachloroethylene	10	10.8	108	70-130
79-01-6	Trichloroethylene	10	12.2	122	70-130
75-01-4	Vinyl chloride	10	9.3	93	70-130

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

Duplicate Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M64644-1DUP	J10320.D	20	05/11/07	DFT	n/a	n/a	MSJ534
M64644-1	J10317.D	20	05/11/07	DFT	n/a	n/a	MSJ534

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

M64701-1

CAS No.	Compound	M64644-1 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
75-01-4	Vinyl chloride	ND		ND		nc	25

CAS No.	Surrogate Recoveries	DUP	M64644-1	Limits
460-00-4	4-Bromofluorobenzene	85%	79%	57-139%

Duplicate Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M64698-2RDUP	Q3402.D	1	05/16/07	PB	n/a	n/a	MSQ186
M64698-2R	Q3403.D	1	05/16/07	PB	n/a	n/a	MSQ186

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

M64701-1

CAS No.	Compound	M64698-2R ppbv	Q	DUP ppbv	Q	RPD	Limits
127-18-4	Tetrachloroethylene	51.5	E	51.6	E	0	25
79-01-6	Trichloroethylene	9.8		10.2		4	25

CAS No.	Surrogate Recoveries	DUP	M64698-2R	Limits
460-00-4	4-Bromofluorobenzene	83%	84%	57-139%

Summa Cleaning Certification

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSJ518-SCC	J10035.D	1	04/14/07	PB	n/a	n/a	MSJ518

The QC reported here (Summa M061) applies to the following samples: **Method:** TO-15

Batch CP397 cleaned 04/13/07: M64701-1(M061)

CAS No.	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	Chloroethane	ND	0.50	ppbv		ND	1.3	ug/m3
56-23-5	Carbon tetrachloride	ND	0.50	ppbv		ND	3.1	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.50	ppbv		ND	2.0	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.50	ppbv		ND	2.0	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.50	ppbv		ND	2.0	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	ppbv		ND	2.0	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.50	ppbv		ND	2.0	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.50	ppbv		ND	2.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ppbv		ND	3.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.50	ppbv		ND	2.7	ug/m3
127-18-4	Tetrachloroethylene	ND	0.50	ppbv		ND	3.4	ug/m3
79-01-6	Trichloroethylene	ND	0.50	ppbv		ND	2.7	ug/m3
75-01-4	Vinyl chloride	ND	0.50	ppbv		ND	1.3	ug/m3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	77%	57-139%

Instrument Performance Check (BFB)

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSJ513-BFB
Lab File ID: J9928.D
Instrument ID: GCMSJ
Injection Date: 04/05/07
Injection Time: 12:13

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	4273	30.2		Pass
75	30.0 - 66.0% of mass 95	7769	54.9		Pass
95	Base peak, 100% relative abundance	14160	100.0		Pass
96	5.0 - 9.0% of mass 95	1090	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	12562	88.7		Pass
175	4.0 - 9.0% of mass 174	735	5.2	(5.9) [a]	Pass
176	93.0 - 101.0% of mass 174	11811	83.4	(94.0) [a]	Pass
177	5.0 - 9.0% of mass 176	949	6.7	(8.0) [b]	Pass

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSJ513-ICC513	J9928.D	04/05/07	12:13	00:00	Initial cal 10
MSJ513-IC513	J9929.D	04/05/07	12:58	00:45	Initial cal 40
MSJ513-IC513	J9930.D	04/05/07	13:44	01:31	Initial cal 20
MSJ513-IC513	J9931.D	04/05/07	14:31	02:18	Initial cal 5
MSJ513-IC513	J9932.D	04/05/07	15:17	03:04	Initial cal 2
MSJ513-IC513	J9933.D	04/05/07	16:02	03:49	Initial cal .5
MSJ513-IC513	J9934.D	04/05/07	16:45	04:32	Initial cal .2
MSJ513-ICV513	J9935.D	04/05/07	17:39	05:26	Initial cal verification 10

Instrument Performance Check (BFB)

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSJ518-BFB
Lab File ID: J10018.D
Instrument ID: GCMSJ
Injection Date: 04/13/07
Injection Time: 09:41

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	8862	27.4		Pass
75	30.0 - 66.0% of mass 95	20345	62.9		Pass
95	Base peak, 100% relative abundance	32368	100.0		Pass
96	5.0 - 9.0% of mass 95	2699	8.3		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	20530	63.4		Pass
175	4.0 - 9.0% of mass 174	935	2.9	(4.6) [a]	Pass
176	93.0 - 101.0% of mass 174	20290	62.7	(98.8) [a]	Pass
177	5.0 - 9.0% of mass 176	1248	3.9	(6.2) [b]	Pass

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSJ518-CC513	J10018.D	04/13/07	09:41	00:00	Continuing cal 10
MSJ518-BS	J10018A.D	04/13/07	09:41	00:00	Blank Spike
MSJ518-MB	J10019.D	04/13/07	11:20	01:39	Method Blank
MSJ518-SCC	J10019A.D	04/13/07	11:20	01:39	Summa Cleaning Certification
ZZZZZZ	J10020.D	04/13/07	12:12	02:31	(unrelated sample)
M64022-1	J10022.D	04/13/07	15:16	05:35	(used for QC only; not part of job M64701)
M64022-1DUP	J10023.D	04/13/07	16:05	06:24	Duplicate
ZZZZZZ	J10026.D	04/13/07	18:46	09:05	(unrelated sample)
ZZZZZZ	J10028.D	04/13/07	20:30	10:49	(unrelated sample)
ZZZZZZ	J10029.D	04/13/07	21:22	11:41	(unrelated sample)
ZZZZZZ	J10030.D	04/13/07	22:14	12:33	(unrelated sample)
MSJ518-SCC	J10033.D	04/14/07	00:47	15:06	Summa Cleaning Certification
MSJ518-SCC	J10034.D	04/14/07	01:38	15:57	Summa Cleaning Certification
MSJ518-SCC	J10035.D	04/14/07	02:28	16:47	Summa Cleaning Certification
MSJ518-SCC	J10036.D	04/14/07	03:18	17:37	Summa Cleaning Certification
MSJ518-SCC	J10037.D	04/14/07	04:08	18:27	Summa Cleaning Certification
MSJ518-SCC	J10038.D	04/14/07	04:57	19:16	Summa Cleaning Certification
MSJ518-SCC	J10039.D	04/14/07	05:47	20:06	Summa Cleaning Certification
MSJ518-SCC	J10040.D	04/14/07	06:35	20:54	Summa Cleaning Certification
MSJ518-SCC	J10041.D	04/14/07	07:25	21:44	Summa Cleaning Certification

Instrument Performance Check (BFB)

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSJ533-BFB
Lab File ID: J10277.D
Instrument ID: GCMSJ
Injection Date: 05/09/07
Injection Time: 18:39

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	12561	17.7		Pass
75	30.0 - 66.0% of mass 95	35015	49.5		Pass
95	Base peak, 100% relative abundance	70793	100.0		Pass
96	5.0 - 9.0% of mass 95	4662	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	74325	105.0		Pass
175	4.0 - 9.0% of mass 174	5105	7.2	(6.9) [a]	Pass
176	93.0 - 101.0% of mass 174	69706	98.5	(93.8) [a]	Pass
177	5.0 - 9.0% of mass 176	5111	7.2	(7.3) [b]	Pass

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSJ533-IC533	J10277.D	05/09/07	18:39	00:00	Initial cal 0.2
MSJ533-IC533	J10278.D	05/09/07	19:29	00:50	Initial cal 0.5
MSJ533-IC533	J10279.D	05/09/07	20:18	01:39	Initial cal 40
MSJ533-IC533	J10280.D	05/09/07	21:05	02:26	Initial cal 20
MSJ533-ICC533	J10281.D	05/09/07	21:52	03:13	Initial cal 10
MSJ533-IC533	J10282.D	05/09/07	22:40	04:01	Initial cal 5
MSJ533-IC533	J10283.D	05/09/07	23:27	04:48	Initial cal 2
MSJ533-ICV533	J10286.D	05/10/07	10:33	15:54	Initial cal verification 10

Instrument Performance Check (BFB)

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSJ534-BFB
Lab File ID: J10313.D
Instrument ID: GCMSJ
Injection Date: 05/11/07
Injection Time: 11:23

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	34842	16.7		Pass
75	30.0 - 66.0% of mass 95	97261	46.7		Pass
95	Base peak, 100% relative abundance	208149	100.0		Pass
96	5.0 - 9.0% of mass 95	15457	7.4		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	226496	108.8		Pass
175	4.0 - 9.0% of mass 174	12914	6.2	(5.7) [a]	Pass
176	93.0 - 101.0% of mass 174	220970	106.2	(97.6) [a]	Pass
177	5.0 - 9.0% of mass 176	13783	6.6	(6.2) [b]	Pass

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSJ534-CC533	J10313.D	05/11/07	11:23	00:00	Continuing cal 10
MSJ534-BS	J10313A.D	05/11/07	11:23	00:00	Blank Spike
MSJ534-MB	J10315.D	05/11/07	12:55	01:32	Method Blank
MSJ534-SCC	J10316.D	05/11/07	13:42	02:19	Summa Cleaning Certification
M64644-1	J10317.D	05/11/07	14:30	03:07	(used for QC only; not part of job M64701)
ZZZZZZ	J10318.D	05/11/07	15:19	03:56	(unrelated sample)
ZZZZZZ	J10319.D	05/11/07	16:18	04:55	(unrelated sample)
M64644-1DUP	J10320.D	05/11/07	17:06	05:43	Duplicate
ZZZZZZ	J10321.D	05/11/07	17:53	06:30	(unrelated sample)
ZZZZZZ	J10323.D	05/11/07	19:27	08:04	(unrelated sample)
M64701-1	J10324.D	05/11/07	20:13	08:50	045162-103WASH-SS1

Instrument Performance Check (BFB)

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ185-BFB
Lab File ID: Q3387.D
Instrument ID: GCMSQ
Injection Date: 05/15/07
Injection Time: 17:12

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	21000	31.1		Pass
75	30.0 - 66.0% of mass 95	35784	53.0		Pass
95	Base peak, 100% relative abundance	67472	100.0		Pass
96	5.0 - 9.0% of mass 95	4748	7.0		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	35648	52.8		Pass
175	4.0 - 9.0% of mass 174	2181	3.2	(6.1) [a]	Pass
176	93.0 - 101.0% of mass 174	35216	52.2	(98.8) [a]	Pass
177	5.0 - 9.0% of mass 176	2542	3.8	(7.2) [b]	Pass

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSQ185-IC185	Q3387.D	05/15/07	17:12	00:00	Initial cal 2
MSQ185-IC185	Q3389.D	05/15/07	18:37	01:25	Initial cal .2
MSQ185-IC185	Q3390.D	05/15/07	19:16	02:04	Initial cal 40
MSQ185-IC185	Q3391.D	05/15/07	19:56	02:44	Initial cal 5
MSQ185-IC185	Q3392.D	05/16/07	08:18	15:06	Initial cal 20
MSQ185-ICC185	Q3393.D	05/16/07	09:18	16:06	Initial cal 10
MSQ185-IC185	Q3394.D	05/16/07	10:02	16:50	Initial cal .5
MSQ185-ICV185	Q3395.D	05/16/07	11:30	18:18	Initial cal verification 10

Instrument Performance Check (BFB)

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ186-BFB
Lab File ID: Q3396.D
Instrument ID: GCMSQ
Injection Date: 05/16/07
Injection Time: 12:25

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	34923	31.4		Pass
75	30.0 - 66.0% of mass 95	62112	55.9		Pass
95	Base peak, 100% relative abundance	111101	100.0		Pass
96	5.0 - 9.0% of mass 95	7467	6.7		Pass
173	Less than 2.0% of mass 174	237	0.21	(0.39) [a]	Pass
174	50.0 - 120.0% of mass 95	60476	54.4		Pass
175	4.0 - 9.0% of mass 174	4319	3.9	(7.1) [a]	Pass
176	93.0 - 101.0% of mass 174	57807	52.0	(95.6) [a]	Pass
177	5.0 - 9.0% of mass 176	3785	3.4	(6.5) [b]	Pass

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSQ186-CC185	Q3396.D	05/16/07	12:25	00:00	Continuing cal 10
MSQ186-BS	Q3396A.D	05/16/07	12:25	00:00	Blank Spike
MSQ186-SCC	Q3398A.D	05/16/07	14:30	02:05	Summa Cleaning Certification
MSQ186-MB	Q3398.D	05/16/07	14:30	02:05	Method Blank
M64701-1	Q3399.D	05/16/07	15:51	03:26	045162-103WASH-SS1
MSQ186-SCC	Q3400.D	05/16/07	16:34	04:09	Summa Cleaning Certification
MSQ186-SCC	Q3401.D	05/16/07	17:27	05:02	Summa Cleaning Certification
M64698-2RDUP	Q3402.D	05/16/07	18:08	05:43	Duplicate
M64698-2R	Q3403.D	05/16/07	18:50	06:25	(used for QC only; not part of job M64701)
ZZZZZZ	Q3404.D	05/16/07	19:31	07:06	(unrelated sample)
ZZZZZZ	Q3406.D	05/16/07	20:55	08:30	(unrelated sample)
MSQ186-SCC	Q3408.D	05/16/07	22:19	09:54	Summa Cleaning Certification
MSQ186-SCC	Q3409.D	05/16/07	23:02	10:37	Summa Cleaning Certification
MSQ186-SCC	Q3410.D	05/16/07	23:44	11:19	Summa Cleaning Certification
MSQ186-SCC	Q3411.D	05/17/07	00:26	12:01	Summa Cleaning Certification

Volatile Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Check Std:	MSJ518-CC513	**Injection Date:**	04/13/07
Lab File ID:	J10018.D	**Injection Time:**	09:41
Instrument ID:	GCMSJ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	391906	8.59	883716	10.42	732480	14.67
Upper Limit [a]	548668	8.92	1237202	10.75	1025472	15.00
Lower Limit [b]	235144	8.26	530230	10.09	439488	14.34

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSJ518-BS	391906	8.59	883716	10.42	732480	14.67
MSJ518-MB	377149	8.61	816029	10.43	680714	14.67
MSJ518-SCC	377149	8.61	816029	10.43	680714	14.67
ZZZZZZ	343744	8.61	765306	10.43	587422	14.66
M64022-1	335134	8.62	684749	10.43	578958	14.67
M64022-1DUP	300042	8.61	652111	10.42	528914	14.66
ZZZZZZ	306074	8.61	661680	10.43	531234	14.67
ZZZZZZ	287782	8.62	613284	10.43	492513	14.67
ZZZZZZ	298796	8.61	634985	10.43	490001	14.67
ZZZZZZ	292217	8.63	632024	10.44	528751	14.67
MSJ518-SCC	275486	8.62	587820	10.44	489682	14.67
MSJ518-SCC	265880	8.61	571989	10.43	470909	14.67
MSJ518-SCC	248401	8.62	573744	10.43	465622	14.67
MSJ518-SCC	257118	8.62	543681	10.44	434224*	14.67
MSJ518-SCC	262465	8.62	552091	10.43	455187	14.67
MSJ518-SCC	253072	8.61	539426	10.43	443702	14.67
MSJ518-SCC	240519	8.62	525379*	10.43	438160*	14.67
MSJ518-SCC	240602	8.62	516559*	10.44	441290	14.67
MSJ518-SCC	236915	8.62	519952*	10.44	424596*	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: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Check Std:	MSJ534-CC533	**Injection Date:**	05/11/07
Lab File ID:	J10313.D	**Injection Time:**	11:23
Instrument ID:	GCMSJ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	280695	8.63	1314316	10.44	1205401	14.67
Upper Limit [a]	392973	8.96	1840042	10.77	1687561	15.00
Lower Limit [b]	168417	8.30	788590	10.11	723241	14.34

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSJ534-BS	280695	8.63	1314316	10.44	1205401	14.67
MSJ534-MB	263075	8.62	1164048	10.44	1061536	14.67
MSJ534-SCC	212219	8.62	818137	10.44	737489	14.67
M64644-1	241347	8.62	1015052	10.44	877273	14.67
ZZZZZZ	248065	8.62	1074680	10.44	936797	14.67
ZZZZZZ	289024	8.62	1293172	10.44	1134766	14.67
M64644-1DUP	275053	8.63	1221814	10.44	1050948	14.67
ZZZZZZ	288588	8.63	1339864	10.44	1219002	14.67
ZZZZZZ	243501	8.63	902917	10.44	748028	14.67
M64701-1	273449	8.63	948294	10.44	771126	14.68

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

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

Volatile Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Check Std:	MSQ186-CC185	**Injection Date:**	05/16/07
Lab File ID:	Q3396.D	**Injection Time:**	12:25
Instrument ID:	GCMSQ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	101478	8.42	511481	10.34	468169	14.70
Upper Limit [a]	142069	8.75	716073	10.67	655437	15.03
Lower Limit [b]	60887	8.09	306889	10.01	280901	14.37

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSQ186-BS	101478	8.42	511481	10.34	468169	14.70
MSQ186-MB	101065	8.42	477882	10.35	421159	14.70
MSQ186-SCC	101065	8.42	477882	10.35	421159	14.70
M64701-1	105098	8.42	516529	10.34	448029	14.69
MSQ186-SCC	99953	8.42	478339	10.34	421080	14.69
MSQ186-SCC	92273	8.42	434610	10.34	386373	14.69
M64698-2RDUP	91004	8.37	423732	10.32	437968	14.69
M64698-2R	96143	8.42	458477	10.34	423041	14.70
ZZZZZZ	98090	8.43	465093	10.35	453928	14.70
ZZZZZZ	137242	8.44	400072	10.36	340768	14.70
MSQ186-SCC	76512	8.42	349044	10.34	312492	14.69
MSQ186-SCC	72745	8.42	334257	10.34	302397	14.70
MSQ186-SCC	71588	8.42	325474	10.35	294142	14.70
MSQ186-SCC	69086	8.42	313895	10.34	284001	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.

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ513-ICC513	J9928.D	04/05/07 12:13	PB	10	GCMSJ	TO-15	Reporting this level
MSJ513-IC513	J9929.D	04/05/07 12:58	PB	40	GCMSJ	TO-15	
MSJ513-IC513	J9930.D	04/05/07 13:44	PB	20	GCMSJ	TO-15	
MSJ513-IC513	J9931.D	04/05/07 14:31	PB	5	GCMSJ	TO-15	
MSJ513-IC513	J9932.D	04/05/07 15:17	PB	2	GCMSJ	TO-15	
MSJ513-IC513	J9933.D	04/05/07 16:02	PB	.5	GCMSJ	TO-15	
MSJ513-IC513	J9934.D	04/05/07 16:45	PB	.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	0.657	0.597-0.717
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	15.40	14.67	1.050	ok	1.050	0.990-1.110
Bromomethane	4.86	8.62	0.564	ok	0.563	0.503-0.623
Bromoethene	5.38	8.62	0.624	ok	0.624	0.564-0.684
Benzyl Chloride	17.89	14.67	1.219	ok	1.220	1.160-1.280
Carbon disulfide	6.85	8.62	0.795	ok	0.794	0.734-0.854
Chlorobenzene	14.72	14.67	1.003	ok	1.003	0.943-1.063
Chloroethane	5.03	8.62	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	10.26	8.62	1.190	ok	1.190	1.130-1.250
Cyclohexane	10.37	10.44	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.66	8.62	0.889	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.62	0.746	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.57	14.67	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.62	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.90	10.44	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.17	10.44	1.070	ok	1.071	1.011-1.131
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	7.46	8.62	0.865	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	17.91	14.67	1.221	ok	1.221	1.161-1.281
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	1.192	1.132-1.252
Ethanol	5.18	8.62	0.601	ok	0.604	0.544-0.664
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.69	8.62	1.008	ok	1.008	0.948-1.068
4-Ethyltoluene	17.17	14.67	1.170	ok	1.170	1.110-1.230
Freon 113	6.79	8.62	0.788	ok	0.787	0.727-0.847
Freon 114	4.32	8.62	0.501	ok	0.502	0.442-0.562
Heptane	11.36	10.44	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.77	14.67	1.416	ok	1.416	1.356-1.476
Hexane	8.64	8.62	1.002	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ513-ICC513	J9928.D	04/05/07 12:13	PB	10	GCMSJ	TO-15	Reporting this level
MSJ513-IC513	J9929.D	04/05/07 12:58	PB	40	GCMSJ	TO-15	
MSJ513-IC513	J9930.D	04/05/07 13:44	PB	20	GCMSJ	TO-15	
MSJ513-IC513	J9931.D	04/05/07 14:31	PB	5	GCMSJ	TO-15	
MSJ513-IC513	J9932.D	04/05/07 15:17	PB	2	GCMSJ	TO-15	
MSJ513-IC513	J9933.D	04/05/07 16:02	PB	.5	GCMSJ	TO-15	
MSJ513-IC513	J9934.D	04/05/07 16:45	PB	.2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.16	14.67	0.897	ok	0.898	0.838-0.958
Isopropylbenzene	16.43	14.67	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.91	8.62	0.686	ok	0.689	0.629-0.749
Methylene chloride	6.55	8.62	0.760	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.07	8.62	0.936	ok	0.937	0.877-0.997
Methyl Isobutyl Ketone	11.99	10.44	1.148	ok	1.149	1.089-1.209
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	1.089	1.029-1.149
Pentane	6.14	8.62	0.712	ok	0.712	0.652-0.772
Propylene	3.99	8.62	0.463	ok	0.463	0.403-0.523
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	15.80	14.67	1.077	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.63	10.44	1.210	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.28	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	17.26	14.67	1.177	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.12	10.44	1.065	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.52	8.62	0.756	ok	0.759	0.699-0.819
Tetrachloroethylene	14.02	14.67	0.956	ok	0.955	0.895-1.015
Tetrahydrofuran	9.18	8.62	1.065	ok	1.066	1.006-1.126
Toluene	12.89	10.44	1.235	ok	1.235	1.175-1.295
Trichloroethylene	11.12	10.44	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.80	8.62	0.673	ok	0.672	0.612-0.732
Vinyl chloride	4.45	8.62	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.80	8.62	0.905	ok	0.905	0.845-0.965
m,p-Xylene	15.29	14.67	1.042	ok	1.042	0.982-1.102
o-Xylene	15.79	14.67	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.62	8.29-8.95	510561	ok	512996	307798-718194
1,4-Difluorobenzene	10.44	ok	10.44	10.11-10.77	1233742	ok	1235702	741421-1729983
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	1022893	ok	995445	597267-1393623

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ513-ICC513	J9928.D	04/05/07 12:13	PB	10	GCMSJ	TO-15	
MSJ513-IC513	J9929.D	04/05/07 12:58	PB	40	GCMSJ	TO-15	Reporting this level
MSJ513-IC513	J9930.D	04/05/07 13:44	PB	20	GCMSJ	TO-15	
MSJ513-IC513	J9931.D	04/05/07 14:31	PB	5	GCMSJ	TO-15	
MSJ513-IC513	J9932.D	04/05/07 15:17	PB	2	GCMSJ	TO-15	
MSJ513-IC513	J9933.D	04/05/07 16:02	PB	.5	GCMSJ	TO-15	
MSJ513-IC513	J9934.D	04/05/07 16:45	PB	.2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.65	8.63	0.655	ok	0.657	0.597-0.717
1,3-Butadiene	4.58	8.63	0.531	ok	0.531	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	15.42	14.68	1.050	ok	1.050	0.990-1.110
Bromomethane	4.86	8.63	0.563	ok	0.563	0.503-0.623
Bromoethene	5.39	8.63	0.625	ok	0.624	0.564-0.684
Benzyl Chloride	17.90	14.68	1.219	ok	1.220	1.160-1.280
Carbon disulfide	6.85	8.63	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.73	14.68	1.003	ok	1.003	0.943-1.063
Chloroethane	5.03	8.63	0.583	ok	0.583	0.523-0.643
Chloroform	8.76	8.63	1.015	ok	1.014	0.954-1.074
Chloromethane	4.23	8.63	0.490	ok	0.491	0.431-0.551
3-Chloropropene	6.67	8.63	0.773	ok	0.772	0.712-0.832
2-Chlorotoluene	17.00	14.68	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.27	8.63	1.190	ok	1.190	1.130-1.250
Cyclohexane	10.38	10.45	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.66	8.63	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.63	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.59	14.68	0.926	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.63	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.91	10.45	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.17	10.45	1.069	ok	1.071	1.011-1.131
Dichlorodifluoromethane	4.07	8.63	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	7.46	8.63	0.864	ok	0.864	0.804-0.924
cis-1,2-Dichloroethylene	8.47	8.63	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.95	10.45	1.144	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.92	14.68	1.221	ok	1.221	1.161-1.281
o-Dichlorobenzene	18.38	14.68	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.00	14.68	1.226	ok	1.226	1.166-1.286
trans-1,3-Dichloropropene	12.46	10.45	1.192	ok	1.192	1.132-1.252
Ethanol	5.20	8.63	0.603	ok	0.604	0.544-0.664
Ethylbenzene	15.11	14.68	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.70	8.63	1.008	ok	1.008	0.948-1.068
4-Ethyltoluene	17.18	14.68	1.170	ok	1.170	1.110-1.230
Freon 113	6.79	8.63	0.787	ok	0.787	0.727-0.847
Freon 114	4.33	8.63	0.502	ok	0.502	0.442-0.562
Heptane	11.37	10.45	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.77	14.68	1.415	ok	1.416	1.356-1.476
Hexane	8.64	8.63	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ513-ICC513	J9928.D	04/05/07 12:13	PB	10	GCMSJ	TO-15	
MSJ513-IC513	J9929.D	04/05/07 12:58	PB	40	GCMSJ	TO-15	Reporting this level
MSJ513-IC513	J9930.D	04/05/07 13:44	PB	20	GCMSJ	TO-15	
MSJ513-IC513	J9931.D	04/05/07 14:31	PB	5	GCMSJ	TO-15	
MSJ513-IC513	J9932.D	04/05/07 15:17	PB	2	GCMSJ	TO-15	
MSJ513-IC513	J9933.D	04/05/07 16:02	PB	.5	GCMSJ	TO-15	
MSJ513-IC513	J9934.D	04/05/07 16:45	PB	.2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.17	14.68	0.897	ok	0.898	0.838-0.958
Isopropylbenzene	16.44	14.68	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.95	8.63	0.689	ok	0.689	0.629-0.749
Methylene chloride	6.55	8.63	0.759	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.08	8.63	0.936	ok	0.937	0.877-0.997
Methyl Isobutyl Ketone	12.00	10.45	1.148	ok	1.149	1.089-1.209
Methyl Tert Butyl Ether	7.74	8.63	0.897	ok	0.898	0.838-0.958
Nonane	15.99	14.68	1.089	ok	1.089	1.029-1.149
Pentane	6.14	8.63	0.711	ok	0.712	0.652-0.772
Propylene	4.00	8.63	0.463	ok	0.463	0.403-0.523
Styrene	15.69	14.68	1.069	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.69	8.63	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.81	14.68	1.077	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.64	10.45	1.210	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.28	14.68	1.381	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.74	14.68	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.27	14.68	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.13	10.45	1.065	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.55	8.63	0.759	ok	0.759	0.699-0.819
Tetrachloroethylene	14.02	14.68	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.18	8.63	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	5.80	8.63	0.672	ok	0.672	0.612-0.732
Vinyl chloride	4.45	8.63	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.81	8.63	0.905	ok	0.905	0.845-0.965
m,p-Xylene	15.30	14.68	1.042	ok	1.042	0.982-1.102
o-Xylene	15.80	14.68	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.62	8.29-8.95	590664	ok	512996	307798-718194
1,4-Difluorobenzene	10.45	ok	10.44	10.11-10.77	1403833	ok	1235702	741421-1729983
Chlorobenzene-D5	14.68	ok	14.67	14.34-15.00	1176391	ok	995445	597267-1393623

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ513-ICC513	J9928.D	04/05/07 12:13	PB	10	GCMSJ	TO-15	
MSJ513-IC513	J9929.D	04/05/07 12:58	PB	40	GCMSJ	TO-15	
MSJ513-IC513	J9930.D	04/05/07 13:44	PB	20	GCMSJ	TO-15	Reporting this level
MSJ513-IC513	J9931.D	04/05/07 14:31	PB	5	GCMSJ	TO-15	
MSJ513-IC513	J9932.D	04/05/07 15:17	PB	2	GCMSJ	TO-15	
MSJ513-IC513	J9933.D	04/05/07 16:02	PB	.5	GCMSJ	TO-15	
MSJ513-IC513	J9934.D	04/05/07 16:45	PB	.2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.64	8.63	0.654	ok	0.657	0.597-0.717
1,3-Butadiene	4.59	8.63	0.532	ok	0.531	0.471-0.591
Benzene	10.13	10.45	0.969	ok	0.970	0.910-1.030
Bromodichloromethane	11.10	10.45	1.062	ok	1.062	1.002-1.122
Bromoform	15.41	14.68	1.050	ok	1.050	0.990-1.110
Bromomethane	4.85	8.63	0.562	ok	0.563	0.503-0.623
Bromoethene	5.39	8.63	0.625	ok	0.624	0.564-0.684
Benzyl Chloride	17.89	14.68	1.219	ok	1.220	1.160-1.280
Carbon disulfide	6.85	8.63	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.73	14.68	1.003	ok	1.003	0.943-1.063
Chloroethane	5.03	8.63	0.583	ok	0.583	0.523-0.643
Chloroform	8.75	8.63	1.014	ok	1.014	0.954-1.074
Chloromethane	4.23	8.63	0.490	ok	0.491	0.431-0.551
3-Chloropropene	6.66	8.63	0.772	ok	0.772	0.712-0.832
2-Chlorotoluene	16.99	14.68	1.157	ok	1.158	1.098-1.218
Carbon tetrachloride	10.26	8.63	1.189	ok	1.190	1.130-1.250
Cyclohexane	10.38	10.45	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.66	8.63	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.63	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.58	14.68	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.63	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.90	10.45	1.043	ok	1.044	0.984-1.104
1,4-Dioxane	11.17	10.45	1.069	ok	1.071	1.011-1.131
Dichlorodifluoromethane	4.06	8.63	0.470	ok	0.472	0.412-0.532
Dibromochloromethane	13.33	14.68	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.46	8.63	0.864	ok	0.864	0.804-0.924
cis-1,2-Dichloroethylene	8.46	8.63	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.94	10.45	1.143	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.91	14.68	1.220	ok	1.221	1.161-1.281
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	10.45	1.191	ok	1.192	1.132-1.252
Ethanol	5.19	8.63	0.601	ok	0.604	0.544-0.664
Ethylbenzene	15.10	14.68	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.69	8.63	1.007	ok	1.008	0.948-1.068
4-Ethyltoluene	17.18	14.68	1.170	ok	1.170	1.110-1.230
Freon 113	6.79	8.63	0.787	ok	0.787	0.727-0.847
Freon 114	4.32	8.63	0.501	ok	0.502	0.442-0.562
Heptane	11.36	10.45	1.087	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.77	14.68	1.415	ok	1.416	1.356-1.476
Hexane	8.64	8.63	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ513-ICC513	J9928.D	04/05/07 12:13	PB	10	GCMSJ	TO-15	
MSJ513-IC513	J9929.D	04/05/07 12:58	PB	40	GCMSJ	TO-15	
MSJ513-IC513	J9930.D	04/05/07 13:44	PB	20	GCMSJ	TO-15	Reporting this level
MSJ513-IC513	J9931.D	04/05/07 14:31	PB	5	GCMSJ	TO-15	
MSJ513-IC513	J9932.D	04/05/07 15:17	PB	2	GCMSJ	TO-15	
MSJ513-IC513	J9933.D	04/05/07 16:02	PB	.5	GCMSJ	TO-15	
MSJ513-IC513	J9934.D	04/05/07 16:45	PB	.2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.16	14.68	0.896	ok	0.898	0.838-0.958
Isopropylbenzene	16.43	14.68	1.119	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.92	8.63	0.686	ok	0.689	0.629-0.749
Methylene chloride	6.55	8.63	0.759	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.07	8.63	0.935	ok	0.937	0.877-0.997
Methyl Isobutyl Ketone	11.99	10.45	1.147	ok	1.149	1.089-1.209
Methyl Tert Butyl Ether	7.73	8.63	0.896	ok	0.898	0.838-0.958
Nonane	15.98	14.68	1.089	ok	1.089	1.029-1.149
Pentane	6.14	8.63	0.711	ok	0.712	0.652-0.772
Propylene	3.99	8.63	0.462	ok	0.463	0.403-0.523
Styrene	15.68	14.68	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.69	8.63	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.80	14.68	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.63	10.45	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.28	14.68	1.381	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.73	14.68	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.26	14.68	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.12	10.45	1.064	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.53	8.63	0.757	ok	0.759	0.699-0.819
Tetrachloroethylene	14.02	14.68	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.18	8.63	1.064	ok	1.066	1.006-1.126
Toluene	12.89	10.45	1.233	ok	1.235	1.175-1.295
Trichloroethylene	11.12	10.45	1.064	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.80	8.63	0.672	ok	0.672	0.612-0.732
Vinyl chloride	4.45	8.63	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.80	8.63	0.904	ok	0.905	0.845-0.965
m,p-Xylene	15.29	14.68	1.042	ok	1.042	0.982-1.102
o-Xylene	15.79	14.68	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.62	8.29-8.95	565791	ok	512996	307798-718194
1,4-Difluorobenzene	10.45	ok	10.44	10.11-10.77	1377948	ok	1235702	741421-1729983
Chlorobenzene-D5	14.68	ok	14.67	14.34-15.00	1129644	ok	995445	597267-1393623

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ513-ICC513	J9928.D	04/05/07 12:13	PB	10	GCMSJ	TO-15	
MSJ513-IC513	J9929.D	04/05/07 12:58	PB	40	GCMSJ	TO-15	
MSJ513-IC513	J9930.D	04/05/07 13:44	PB	20	GCMSJ	TO-15	
MSJ513-IC513	J9931.D	04/05/07 14:31	PB	5	GCMSJ	TO-15	Reporting this level
MSJ513-IC513	J9932.D	04/05/07 15:17	PB	2	GCMSJ	TO-15	
MSJ513-IC513	J9933.D	04/05/07 16:02	PB	.5	GCMSJ	TO-15	
MSJ513-IC513	J9934.D	04/05/07 16:45	PB	.2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.66	8.63	0.656	ok	0.657	0.597-0.717
1,3-Butadiene	4.58	8.63	0.531	ok	0.531	0.471-0.591
Benzene	10.13	10.44	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.09	10.44	1.062	ok	1.062	1.002-1.122
Bromoform	15.40	14.67	1.050	ok	1.050	0.990-1.110
Bromomethane	4.85	8.63	0.562	ok	0.563	0.503-0.623
Bromoethene	5.39	8.63	0.625	ok	0.624	0.564-0.684
Benzyl Chloride	17.89	14.67	1.219	ok	1.220	1.160-1.280
Carbon disulfide	6.85	8.63	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.72	14.67	1.003	ok	1.003	0.943-1.063
Chloroethane	5.03	8.63	0.583	ok	0.583	0.523-0.643
Chloroform	8.75	8.63	1.014	ok	1.014	0.954-1.074
Chloromethane	4.23	8.63	0.490	ok	0.491	0.431-0.551
3-Chloropropene	6.66	8.63	0.772	ok	0.772	0.712-0.832
2-Chlorotoluene	16.98	14.67	1.157	ok	1.158	1.098-1.218
Carbon tetrachloride	10.26	8.63	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	7.66	8.63	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.63	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.57	14.67	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.63	1.095	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	11.18	10.44	1.071	ok	1.071	1.011-1.131
Dichlorodifluoromethane	4.07	8.63	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	7.46	8.63	0.864	ok	0.864	0.804-0.924
cis-1,2-Dichloroethylene	8.46	8.63	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.94	10.44	1.144	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.91	14.67	1.221	ok	1.221	1.161-1.281
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	1.192	1.132-1.252
Ethanol	5.19	8.63	0.601	ok	0.604	0.544-0.664
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.69	8.63	1.007	ok	1.008	0.948-1.068
4-Ethyltoluene	17.17	14.67	1.170	ok	1.170	1.110-1.230
Freon 113	6.80	8.63	0.788	ok	0.787	0.727-0.847
Freon 114	4.32	8.63	0.501	ok	0.502	0.442-0.562
Heptane	11.36	10.44	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.77	14.67	1.416	ok	1.416	1.356-1.476
Hexane	8.64	8.63	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ513-ICC513	J9928.D	04/05/07 12:13	PB	10	GCMSJ	TO-15	
MSJ513-IC513	J9929.D	04/05/07 12:58	PB	40	GCMSJ	TO-15	
MSJ513-IC513	J9930.D	04/05/07 13:44	PB	20	GCMSJ	TO-15	
MSJ513-IC513	J9931.D	04/05/07 14:31	PB	5	GCMSJ	TO-15	Reporting this level
MSJ513-IC513	J9932.D	04/05/07 15:17	PB	2	GCMSJ	TO-15	
MSJ513-IC513	J9933.D	04/05/07 16:02	PB	.5	GCMSJ	TO-15	
MSJ513-IC513	J9934.D	04/05/07 16:45	PB	.2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.16	14.67	0.897	ok	0.898	0.838-0.958
Isopropylbenzene	16.42	14.67	1.119	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.92	8.63	0.686	ok	0.689	0.629-0.749
Methylene chloride	6.55	8.63	0.759	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.07	8.63	0.935	ok	0.937	0.877-0.997
Methyl Isobutyl Ketone	11.99	10.44	1.148	ok	1.149	1.089-1.209
Methyl Tert Butyl Ether	7.74	8.63	0.897	ok	0.898	0.838-0.958
Nonane	15.97	14.67	1.089	ok	1.089	1.029-1.149
Pentane	6.14	8.63	0.711	ok	0.712	0.652-0.772
Propylene	4.00	8.63	0.463	ok	0.463	0.403-0.523
Styrene	15.67	14.67	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.68	8.63	1.122	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.79	14.67	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.62	10.44	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.28	14.67	1.382	ok	1.382	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	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.52	8.63	0.756	ok	0.759	0.699-0.819
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.19	8.63	1.065	ok	1.066	1.006-1.126
Toluene	12.89	10.44	1.235	ok	1.235	1.175-1.295
Trichloroethylene	11.12	10.44	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.80	8.63	0.672	ok	0.672	0.612-0.732
Vinyl chloride	4.45	8.63	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.80	8.63	0.904	ok	0.905	0.845-0.965
m,p-Xylene	15.28	14.67	1.042	ok	1.042	0.982-1.102
o-Xylene	15.79	14.67	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.62	8.29-8.95	529798	ok	512996	307798-718194
1,4-Difluorobenzene	10.44	ok	10.44	10.11-10.77	1319486	ok	1235702	741421-1729983
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	1061226	ok	995445	597267-1393623

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ513-ICC513	J9928.D	04/05/07 12:13	PB	10	GCMSJ	TO-15	
MSJ513-IC513	J9929.D	04/05/07 12:58	PB	40	GCMSJ	TO-15	
MSJ513-IC513	J9930.D	04/05/07 13:44	PB	20	GCMSJ	TO-15	
MSJ513-IC513	J9931.D	04/05/07 14:31	PB	5	GCMSJ	TO-15	
MSJ513-IC513	J9932.D	04/05/07 15:17	PB	2	GCMSJ	TO-15	Reporting this level
MSJ513-IC513	J9933.D	04/05/07 16:02	PB	.5	GCMSJ	TO-15	
MSJ513-IC513	J9934.D	04/05/07 16:45	PB	.2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.65	8.61	0.656	ok	0.657	0.597-0.717
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	4.85	8.61	0.563	ok	0.563	0.503-0.623
Bromoethene	5.37	8.61	0.624	ok	0.624	0.564-0.684
Benzyl Chloride	17.89	14.66	1.220	ok	1.220	1.160-1.280
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
3-Chloropropene	6.64	8.61	0.771	ok	0.772	0.712-0.832
2-Chlorotoluene	16.98	14.66	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.24	8.61	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	8.61	0.887	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	8.61	0.746	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.56	14.66	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.43	8.61	1.095	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.88	10.43	1.043	ok	1.044	0.984-1.104
1,4-Dioxane	11.17	10.43	1.071	ok	1.071	1.011-1.131
Dichlorodifluoromethane	4.07	8.61	0.473	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	7.44	8.61	0.864	ok	0.864	0.804-0.924
cis-1,2-Dichloroethylene	8.45	8.61	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.93	10.43	1.144	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.90	14.66	1.221	ok	1.221	1.161-1.281
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
trans-1,3-Dichloropropene	12.43	10.43	1.192	ok	1.192	1.132-1.252
Ethanol	5.18	8.61	0.602	ok	0.604	0.544-0.664
Ethylbenzene	15.09	14.66	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.67	8.61	1.007	ok	1.008	0.948-1.068
4-Ethyltoluene	17.17	14.66	1.171	ok	1.170	1.110-1.230
Freon 113	6.77	8.61	0.786	ok	0.787	0.727-0.847
Freon 114	4.33	8.61	0.503	ok	0.502	0.442-0.562
Heptane	11.35	10.43	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.66	1.416	ok	1.416	1.356-1.476
Hexane	8.62	8.61	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ513-ICC513	J9928.D	04/05/07 12:13	PB	10	GCMSJ	TO-15	
MSJ513-IC513	J9929.D	04/05/07 12:58	PB	40	GCMSJ	TO-15	
MSJ513-IC513	J9930.D	04/05/07 13:44	PB	20	GCMSJ	TO-15	
MSJ513-IC513	J9931.D	04/05/07 14:31	PB	5	GCMSJ	TO-15	
MSJ513-IC513	J9932.D	04/05/07 15:17	PB	2	GCMSJ	TO-15	Reporting this level
MSJ513-IC513	J9933.D	04/05/07 16:02	PB	.5	GCMSJ	TO-15	
MSJ513-IC513	J9934.D	04/05/07 16:45	PB	.2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.16	14.66	0.898	ok	0.898	0.838-0.958
Isopropylbenzene	16.42	14.66	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.91	8.61	0.686	ok	0.689	0.629-0.749
Methylene chloride	6.53	8.61	0.758	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.06	8.61	0.936	ok	0.937	0.877-0.997
Methyl Isobutyl Ketone	11.98	10.43	1.149	ok	1.149	1.089-1.209
Methyl Tert Butyl Ether	7.73	8.61	0.898	ok	0.898	0.838-0.958
Nonane	15.97	14.66	1.089	ok	1.089	1.029-1.149
Pentane	6.13	8.61	0.712	ok	0.712	0.652-0.772
Propylene	4.00	8.61	0.465	ok	0.463	0.403-0.523
Styrene	15.67	14.66	1.069	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.67	8.61	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.78	14.66	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.61	10.43	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.28	14.66	1.383	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.72	14.66	1.209	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.25	14.66	1.177	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.11	10.43	1.065	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.51	8.61	0.756	ok	0.759	0.699-0.819
Tetrachloroethylene	14.01	14.66	0.956	ok	0.955	0.895-1.015
Tetrahydrofuran	9.17	8.61	1.065	ok	1.066	1.006-1.126
Toluene	12.88	10.43	1.235	ok	1.235	1.175-1.295
Trichloroethylene	11.10	10.43	1.064	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.79	8.61	0.672	ok	0.672	0.612-0.732
Vinyl chloride	4.45	8.61	0.517	ok	0.516	0.456-0.576
Vinyl Acetate	7.78	8.61	0.904	ok	0.905	0.845-0.965
m,p-Xylene	15.28	14.66	1.042	ok	1.042	0.982-1.102
o-Xylene	15.78	14.66	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.61	ok	8.62	8.29-8.95	441731	ok	512996	307798-718194
1,4-Difluorobenzene	10.43	ok	10.44	10.11-10.77	1006876	ok	1235702	741421-1729983
Chlorobenzene-D5	14.66	ok	14.67	14.34-15.00	802111	ok	995445	597267-1393623

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ513-ICC513	J9928.D	04/05/07 12:13	PB	10	GCMSJ	TO-15	
MSJ513-IC513	J9929.D	04/05/07 12:58	PB	40	GCMSJ	TO-15	
MSJ513-IC513	J9930.D	04/05/07 13:44	PB	20	GCMSJ	TO-15	
MSJ513-IC513	J9931.D	04/05/07 14:31	PB	5	GCMSJ	TO-15	
MSJ513-IC513	J9932.D	04/05/07 15:17	PB	2	GCMSJ	TO-15	
MSJ513-IC513	J9933.D	04/05/07 16:02	PB	.5	GCMSJ	TO-15	Reporting this level
MSJ513-IC513	J9934.D	04/05/07 16:45	PB	.2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.68	8.62	0.659	ok	0.657	0.597-0.717
1,3-Butadiene	4.59	8.62	0.532	ok	0.531	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	15.40	14.67	1.050	ok	1.050	0.990-1.110
Bromomethane	4.86	8.62	0.564	ok	0.563	0.503-0.623
Bromoethene	5.39	8.62	0.625	ok	0.624	0.564-0.684
Benzyl Chloride	17.90	14.67	1.220	ok	1.220	1.160-1.280
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	8.73	8.62	1.013	ok	1.014	0.954-1.074
Chloromethane	4.24	8.62	0.492	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	7.64	8.62	0.886	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	8.62	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.56	14.67	0.924	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	10.90	10.43	1.045	ok	1.044	0.984-1.104
1,4-Dioxane	11.23	10.43	1.077	ok	1.071	1.011-1.131
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	17.91	14.67	1.221	ok	1.221	1.161-1.281
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	1.192	1.132-1.252
Ethanol	5.24	8.62	0.608	ok	0.604	0.544-0.664
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.70	8.62	1.009	ok	1.008	0.948-1.068
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	4.33	8.62	0.502	ok	0.502	0.442-0.562
Heptane	11.36	10.43	1.089	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.77	14.67	1.416	ok	1.416	1.356-1.476
Hexane	8.62	8.62	1.000	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ513-ICC513	J9928.D	04/05/07 12:13	PB	10	GCMSJ	TO-15	
MSJ513-IC513	J9929.D	04/05/07 12:58	PB	40	GCMSJ	TO-15	
MSJ513-IC513	J9930.D	04/05/07 13:44	PB	20	GCMSJ	TO-15	
MSJ513-IC513	J9931.D	04/05/07 14:31	PB	5	GCMSJ	TO-15	
MSJ513-IC513	J9932.D	04/05/07 15:17	PB	2	GCMSJ	TO-15	
MSJ513-IC513	J9933.D	04/05/07 16:02	PB	.5	GCMSJ	TO-15	Reporting this level
MSJ513-IC513	J9934.D	04/05/07 16:45	PB	.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	0.898	0.838-0.958
Isopropylbenzene	16.43	14.67	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.98	8.62	0.694	ok	0.689	0.629-0.749
Methylene chloride	6.54	8.62	0.759	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.08	8.62	0.937	ok	0.937	0.877-0.997
Methyl Isobutyl Ketone	12.01	10.43	1.151	ok	1.149	1.089-1.209
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	1.089	1.029-1.149
Pentane	6.14	8.62	0.712	ok	0.712	0.652-0.772
Propylene	4.01	8.62	0.465	ok	0.463	0.403-0.523
Styrene	15.66	14.67	1.067	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.67	8.62	1.122	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.79	14.67	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.62	10.43	1.210	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.29	14.67	1.383	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	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.59	8.62	0.765	ok	0.759	0.699-0.819
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	12.89	10.43	1.236	ok	1.235	1.175-1.295
Trichloroethylene	11.11	10.43	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.79	8.62	0.672	ok	0.672	0.612-0.732
Vinyl chloride	4.45	8.62	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.80	8.62	0.905	ok	0.905	0.845-0.965
m,p-Xylene	15.28	14.67	1.042	ok	1.042	0.982-1.102
o-Xylene	15.78	14.67	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.62	8.29-8.95	461363	ok	512996	307798-718194
1,4-Difluorobenzene	10.43	ok	10.44	10.11-10.77	1100926	ok	1235702	741421-1729983
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	838778	ok	995445	597267-1393623

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ513-ICC513	J9928.D	04/05/07 12:13	PB	10	GCMSJ	TO-15	
MSJ513-IC513	J9929.D	04/05/07 12:58	PB	40	GCMSJ	TO-15	
MSJ513-IC513	J9930.D	04/05/07 13:44	PB	20	GCMSJ	TO-15	
MSJ513-IC513	J9931.D	04/05/07 14:31	PB	5	GCMSJ	TO-15	
MSJ513-IC513	J9932.D	04/05/07 15:17	PB	2	GCMSJ	TO-15	
MSJ513-IC513	J9933.D	04/05/07 16:02	PB	.5	GCMSJ	TO-15	
MSJ513-IC513	J9934.D	04/05/07 16:45	PB	.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	8.61	0.661	ok	0.657	0.597-0.717
1,3-Butadiene	4.57	8.61	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	4.85	8.61	0.563	ok	0.563	0.503-0.623
Bromoethene	5.37	8.61	0.624	ok	0.624	0.564-0.684
Benzyl Chloride	17.89	14.67	1.219	ok	1.220	1.160-1.280
Carbon disulfide	6.84	8.61	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	8.61	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
3-Chloropropene	6.66	8.61	0.774	ok	0.772	0.712-0.832
2-Chlorotoluene	16.98	14.67	1.157	ok	1.158	1.098-1.218
Carbon tetrachloride	10.25	8.61	1.190	ok	1.190	1.130-1.250
Cyclohexane	10.35	10.43	0.992	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.65	8.61	0.889	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	8.61	0.746	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.56	14.67	0.924	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	10.88	10.43	1.043	ok	1.044	0.984-1.104
Dichlorodifluoromethane	4.06	8.61	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.31	14.67	0.907	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.44	8.61	0.864	ok	0.864	0.804-0.924
cis-1,2-Dichloroethylene	8.45	8.61	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.93	10.43	1.144	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.90	14.67	1.220	ok	1.221	1.161-1.281
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	12.43	10.43	1.192	ok	1.192	1.132-1.252
Ethanol	5.25	8.61	0.610	ok	0.604	0.544-0.664
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.70	8.61	1.010	ok	1.008	0.948-1.068
4-Ethyltoluene	17.17	14.67	1.170	ok	1.170	1.110-1.230
Freon 113	6.77	8.61	0.786	ok	0.787	0.727-0.847
Freon 114	4.32	8.61	0.502	ok	0.502	0.442-0.562
Heptane	11.35	10.43	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.77	14.67	1.416	ok	1.416	1.356-1.476
Hexane	8.63	8.61	1.002	ok	1.001	0.941-1.061
2-Hexanone	13.20	14.67	0.900	ok	0.898	0.838-0.958

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ513-ICC513	J9928.D	04/05/07 12:13	PB	10	GCMSJ	TO-15	
MSJ513-IC513	J9929.D	04/05/07 12:58	PB	40	GCMSJ	TO-15	
MSJ513-IC513	J9930.D	04/05/07 13:44	PB	20	GCMSJ	TO-15	
MSJ513-IC513	J9931.D	04/05/07 14:31	PB	5	GCMSJ	TO-15	
MSJ513-IC513	J9932.D	04/05/07 15:17	PB	2	GCMSJ	TO-15	
MSJ513-IC513	J9933.D	04/05/07 16:02	PB	.5	GCMSJ	TO-15	
MSJ513-IC513	J9934.D	04/05/07 16:45	PB	.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	5.99	8.61	0.696	ok	0.689	0.629-0.749
Methylene chloride	6.54	8.61	0.760	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.10	8.61	0.941	ok	0.937	0.877-0.997
Methyl Isobutyl Ketone	12.02	10.43	1.152	ok	1.149	1.089-1.209
Methyl Tert Butyl Ether	7.75	8.61	0.900	ok	0.898	0.838-0.958
Nonane	15.97	14.67	1.089	ok	1.089	1.029-1.149
Pentane	6.13	8.61	0.712	ok	0.712	0.652-0.772
Propylene	3.98	8.61	0.462	ok	0.463	0.403-0.523
1,1,1-Trichloroethane	9.67	8.61	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.79	14.67	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.61	10.43	1.209	ok	1.209	1.149-1.269
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	11.11	10.43	1.065	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.61	8.61	0.768	ok	0.759	0.699-0.819
Tetrachloroethylene	14.02	14.67	0.956	ok	0.955	0.895-1.015
Tetrahydrofuran	9.23	8.61	1.072	ok	1.066	1.006-1.126
Toluene	12.88	10.43	1.235	ok	1.235	1.175-1.295
Trichloroethylene	11.10	10.43	1.064	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.79	8.61	0.672	ok	0.672	0.612-0.732
Vinyl chloride	4.44	8.61	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.81	8.61	0.907	ok	0.905	0.845-0.965
m,p-Xylene	15.26	14.67	1.040	ok	1.042	0.982-1.102
o-Xylene	15.78	14.67	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.61	ok	8.62	8.29-8.95	491064	ok	512996	307798-718194
1,4-Difluorobenzene	10.43	ok	10.44	10.11-10.77	1207102	ok	1235702	741421-1729983
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	937074	ok	995445	597267-1393623

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ533-IC533	J10277.D	05/09/07 18:39	DFT	0.2	GCMSJ	TO-15	Reporting this level
MSJ533-IC533	J10278.D	05/09/07 19:29	DFT	0.5	GCMSJ	TO-15	
MSJ533-IC533	J10279.D	05/09/07 20:18	DFT	40	GCMSJ	TO-15	
MSJ533-IC533	J10280.D	05/09/07 21:05	DFT	20	GCMSJ	TO-15	
MSJ533-ICC533	J10281.D	05/09/07 21:52	DFT	10	GCMSJ	TO-15	
MSJ533-IC533	J10282.D	05/09/07 22:40	DFT	5	GCMSJ	TO-15	
MSJ533-IC533	J10283.D	05/09/07 23:27	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.68	8.62	0.659	ok	0.657	0.597-0.717
1,3-Butadiene	4.59	8.62	0.532	ok	0.532	0.472-0.592
Benzene	10.12	10.43	0.970	ok	0.969	0.909-1.029
Bromodichloromethane	11.08	10.43	1.062	ok	1.062	1.002-1.122
Bromoform	15.39	14.67	1.049	ok	1.049	0.989-1.109
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
Carbon disulfide	6.85	8.62	0.795	ok	0.794	0.734-0.854
Chlorobenzene	14.71	14.67	1.003	ok	1.003	0.943-1.063
Chloroethane	5.04	8.62	0.585	ok	0.583	0.523-0.643
Chloroform	8.75	8.62	1.015	ok	1.014	0.954-1.074
Chloromethane	4.22	8.62	0.490	ok	0.490	0.430-0.550
3-Chloropropene	6.66	8.62	0.773	ok	0.772	0.712-0.832
Carbon tetrachloride	10.25	8.62	1.189	ok	1.190	1.130-1.250
Cyclohexane	10.37	10.43	0.994	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.66	8.62	0.889	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	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
Dichlorodifluoromethane	4.07	8.62	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.32	14.67	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.46	8.62	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.62	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.94	10.43	1.145	ok	1.144	1.084-1.204
trans-1,3-Dichloropropene	12.43	10.43	1.192	ok	1.192	1.132-1.252
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.72	8.62	1.012	ok	1.009	0.949-1.069
Freon 113	6.79	8.62	0.788	ok	0.788	0.728-0.848
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
Isopropyl Alcohol	6.05	8.62	0.702	ok	0.692	0.632-0.752
Methyl ethyl ketone	8.11	8.62	0.941	ok	0.937	0.877-0.997
Methyl Tert Butyl Ether	7.76	8.62	0.900	ok	0.897	0.837-0.957
Pentane	6.14	8.62	0.712	ok	0.712	0.652-0.772
1,1,1-Trichloroethane	9.68	8.62	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.79	14.67	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.62	10.43	1.210	ok	1.209	1.149-1.269
2,2,4-Trimethylpentane	11.12	10.43	1.066	ok	1.065	1.005-1.125
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ533-IC533	J10277.D	05/09/07 18:39	DFT	0.2	GCMSJ	TO-15	Reporting this level
MSJ533-IC533	J10278.D	05/09/07 19:29	DFT	0.5	GCMSJ	TO-15	
MSJ533-IC533	J10279.D	05/09/07 20:18	DFT	40	GCMSJ	TO-15	
MSJ533-IC533	J10280.D	05/09/07 21:05	DFT	20	GCMSJ	TO-15	
MSJ533-ICC533	J10281.D	05/09/07 21:52	DFT	10	GCMSJ	TO-15	
MSJ533-IC533	J10282.D	05/09/07 22:40	DFT	5	GCMSJ	TO-15	
MSJ533-IC533	J10283.D	05/09/07 23:27	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Toluene	12.88	10.43	1.235	ok	1.234	1.174-1.294
Trichloroethylene	11.12	10.43	1.066	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.79	8.62	0.672	ok	0.672	0.612-0.732
Vinyl chloride	4.46	8.62	0.517	ok	0.516	0.456-0.576
m,p-Xylene	15.29	14.67	1.042	ok	1.042	0.982-1.102

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	344690	ok	371623	222974-520272
1,4-Difluorobenzene	10.43	ok	10.44	10.11-10.77	1460896	ok	1631886	979132-2284640
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	1214337	ok	1431182	858709-2003655

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ533-IC533	J10277.D	05/09/07 18:39	DFT	0.2	GCMSJ	TO-15	
MSJ533-IC533	J10278.D	05/09/07 19:29	DFT	0.5	GCMSJ	TO-15	Reporting this level
MSJ533-IC533	J10279.D	05/09/07 20:18	DFT	40	GCMSJ	TO-15	
MSJ533-IC533	J10280.D	05/09/07 21:05	DFT	20	GCMSJ	TO-15	
MSJ533-ICC533	J10281.D	05/09/07 21:52	DFT	10	GCMSJ	TO-15	
MSJ533-IC533	J10282.D	05/09/07 22:40	DFT	5	GCMSJ	TO-15	
MSJ533-IC533	J10283.D	05/09/07 23:27	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.67	8.62	0.658	ok	0.657	0.597-0.717
1,3-Butadiene	4.59	8.62	0.532	ok	0.532	0.472-0.592
Benzene	10.12	10.44	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.09	10.44	1.062	ok	1.062	1.002-1.122
Bromoform	15.39	14.67	1.049	ok	1.049	0.989-1.109
Bromomethane	4.86	8.62	0.564	ok	0.563	0.503-0.623
Bromoethene	5.38	8.62	0.624	ok	0.624	0.564-0.684
Benzyl Chloride	17.88	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.84	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	4.22	8.62	0.490	ok	0.490	0.430-0.550
3-Chloropropene	6.65	8.62	0.771	ok	0.772	0.712-0.832
2-Chlorotoluene	16.97	14.67	1.157	ok	1.157	1.097-1.217
Carbon tetrachloride	10.26	8.62	1.190	ok	1.190	1.130-1.250
Cyclohexane	10.37	10.44	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.66	8.62	0.889	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	8.62	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.57	14.67	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.62	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.89	10.44	1.043	ok	1.044	0.984-1.104
1,4-Dioxane	11.24	10.44	1.077	ok	1.071	1.011-1.131
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	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.62	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.94	10.44	1.144	ok	1.144	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	1.192	1.132-1.252
Ethanol	5.23	8.62	0.607	ok	0.604	0.544-0.664
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.70	8.62	1.009	ok	1.009	0.949-1.069
4-Ethyltoluene	17.17	14.67	1.170	ok	1.170	1.110-1.230
Freon 113	6.79	8.62	0.788	ok	0.788	0.728-0.848
Freon 114	4.32	8.62	0.501	ok	0.501	0.441-0.561
Heptane	11.36	10.44	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.77	14.67	1.416	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: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ533-IC533	J10277.D	05/09/07 18:39	DFT	0.2	GCMSJ	TO-15	
MSJ533-IC533	J10278.D	05/09/07 19:29	DFT	0.5	GCMSJ	TO-15	Reporting this level
MSJ533-IC533	J10279.D	05/09/07 20:18	DFT	40	GCMSJ	TO-15	
MSJ533-IC533	J10280.D	05/09/07 21:05	DFT	20	GCMSJ	TO-15	
MSJ533-ICC533	J10281.D	05/09/07 21:52	DFT	10	GCMSJ	TO-15	
MSJ533-IC533	J10282.D	05/09/07 22:40	DFT	5	GCMSJ	TO-15	
MSJ533-IC533	J10283.D	05/09/07 23:27	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	0.898	0.838-0.958
Isopropylbenzene	16.43	14.67	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.98	8.62	0.694	ok	0.692	0.632-0.752
Methylene chloride	6.55	8.62	0.760	ok	0.760	0.700-0.820
Methyl ethyl ketone	8.08	8.62	0.937	ok	0.937	0.877-0.997
Methyl Isobutyl Ketone	12.01	10.44	1.150	ok	1.149	1.089-1.209
Methyl Tert Butyl Ether	7.74	8.62	0.898	ok	0.897	0.837-0.957
Nonane	15.97	14.67	1.089	ok	1.089	1.029-1.149
Pentane	6.14	8.62	0.712	ok	0.712	0.652-0.772
Propylene	3.99	8.62	0.463	ok	0.463	0.403-0.523
Styrene	15.66	14.67	1.067	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.68	8.62	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.79	14.67	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.62	10.44	1.209	ok	1.209	1.149-1.269
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	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.60	8.62	0.766	ok	0.760	0.700-0.820
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	12.89	10.44	1.235	ok	1.234	1.174-1.294
Trichloroethylene	11.11	10.44	1.064	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.80	8.62	0.673	ok	0.672	0.612-0.732
Vinyl chloride	4.44	8.62	0.515	ok	0.516	0.456-0.576
Vinyl Acetate	7.79	8.62	0.904	ok	0.905	0.845-0.965
m,p-Xylene	15.27	14.67	1.041	ok	1.042	0.982-1.102
o-Xylene	15.77	14.67	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	8.62	ok	8.62	8.29-8.95	303253	ok	371623	222974-520272
1,4-Difluorobenzene	10.44	ok	10.44	10.11-10.77	1271837	ok	1631886	979132-2284640
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	1022579	ok	1431182	858709-2003655

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ533-IC533	J10277.D	05/09/07 18:39	DFT	0.2	GCMSJ	TO-15	
MSJ533-IC533	J10278.D	05/09/07 19:29	DFT	0.5	GCMSJ	TO-15	
MSJ533-IC533	J10279.D	05/09/07 20:18	DFT	40	GCMSJ	TO-15	Reporting this level
MSJ533-IC533	J10280.D	05/09/07 21:05	DFT	20	GCMSJ	TO-15	
MSJ533-ICC533	J10281.D	05/09/07 21:52	DFT	10	GCMSJ	TO-15	
MSJ533-IC533	J10282.D	05/09/07 22:40	DFT	5	GCMSJ	TO-15	
MSJ533-IC533	J10283.D	05/09/07 23:27	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.65	8.63	0.655	ok	0.657	0.597-0.717
1,3-Butadiene	4.58	8.63	0.531	ok	0.532	0.472-0.592
Benzene	10.13	10.45	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.11	10.45	1.063	ok	1.062	1.002-1.122
Bromoform	15.42	14.68	1.050	ok	1.049	0.989-1.109
Bromomethane	4.86	8.63	0.563	ok	0.563	0.503-0.623
Bromoethene	5.38	8.63	0.623	ok	0.624	0.564-0.684
Benzyl Chloride	17.90	14.68	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.63	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.73	14.68	1.003	ok	1.003	0.943-1.063
Chloroethane	5.02	8.63	0.582	ok	0.583	0.523-0.643
Chloroform	8.76	8.63	1.015	ok	1.014	0.954-1.074
Chloromethane	4.23	8.63	0.490	ok	0.490	0.430-0.550
3-Chloropropene	6.66	8.63	0.772	ok	0.772	0.712-0.832
2-Chlorotoluene	17.00	14.68	1.158	ok	1.157	1.097-1.217
Carbon tetrachloride	10.26	8.63	1.189	ok	1.190	1.130-1.250
Cyclohexane	10.38	10.45	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.66	8.63	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.63	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.59	14.68	0.926	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.47	8.63	1.097	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.91	10.45	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.18	10.45	1.070	ok	1.071	1.011-1.131
Dichlorodifluoromethane	4.06	8.63	0.470	ok	0.472	0.412-0.532
Dibromochloromethane	13.35	14.68	0.909	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.46	8.63	0.864	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.47	8.63	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.95	10.45	1.144	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.92	14.68	1.221	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.38	14.68	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.99	14.68	1.225	ok	1.226	1.166-1.286
trans-1,3-Dichloropropene	12.46	10.45	1.192	ok	1.192	1.132-1.252
Ethanol	5.20	8.63	0.603	ok	0.604	0.544-0.664
Ethylbenzene	15.11	14.68	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.70	8.63	1.008	ok	1.009	0.949-1.069
4-Ethyltoluene	17.18	14.68	1.170	ok	1.170	1.110-1.230
Freon 113	6.79	8.63	0.787	ok	0.788	0.728-0.848
Freon 114	4.32	8.63	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	14.68	1.414	ok	1.415	1.355-1.475
Hexane	8.63	8.63	1.000	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ533-IC533	J10277.D	05/09/07 18:39	DFT	0.2	GCMSJ	TO-15	
MSJ533-IC533	J10278.D	05/09/07 19:29	DFT	0.5	GCMSJ	TO-15	
MSJ533-IC533	J10279.D	05/09/07 20:18	DFT	40	GCMSJ	TO-15	Reporting this level
MSJ533-IC533	J10280.D	05/09/07 21:05	DFT	20	GCMSJ	TO-15	
MSJ533-ICC533	J10281.D	05/09/07 21:52	DFT	10	GCMSJ	TO-15	
MSJ533-IC533	J10282.D	05/09/07 22:40	DFT	5	GCMSJ	TO-15	
MSJ533-IC533	J10283.D	05/09/07 23:27	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	0.898	0.838-0.958
Isopropylbenzene	16.44	14.68	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.97	8.63	0.692	ok	0.692	0.632-0.752
Methylene chloride	6.55	8.63	0.759	ok	0.760	0.700-0.820
Methyl ethyl ketone	8.08	8.63	0.936	ok	0.937	0.877-0.997
Methyl Isobutyl Ketone	12.01	10.45	1.149	ok	1.149	1.089-1.209
Methyl Tert Butyl Ether	7.73	8.63	0.896	ok	0.897	0.837-0.957
Nonane	15.99	14.68	1.089	ok	1.089	1.029-1.149
Pentane	6.14	8.63	0.711	ok	0.712	0.652-0.772
Propylene	3.99	8.63	0.462	ok	0.463	0.403-0.523
Styrene	15.69	14.68	1.069	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.69	8.63	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.82	14.68	1.078	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.65	10.45	1.211	ok	1.209	1.149-1.269
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	11.13	10.45	1.065	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.57	8.63	0.761	ok	0.760	0.700-0.820
Tetrachloroethylene	14.02	14.68	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.18	8.63	1.064	ok	1.066	1.006-1.126
Toluene	12.90	10.45	1.234	ok	1.234	1.174-1.294
Trichloroethylene	11.13	10.45	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.80	8.63	0.672	ok	0.672	0.612-0.732
Vinyl chloride	4.45	8.63	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.81	8.63	0.905	ok	0.905	0.845-0.965
m,p-Xylene	15.29	14.68	1.042	ok	1.042	0.982-1.102
o-Xylene	15.80	14.68	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.62	8.29-8.95	404357	ok	371623	222974-520272
1,4-Difluorobenzene	10.45	ok	10.44	10.11-10.77	1793963	ok	1631886	979132-2284640
Chlorobenzene-D5	14.68	ok	14.67	14.34-15.00	1690369	ok	1431182	858709-2003655

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ533-IC533	J10277.D	05/09/07 18:39	DFT	0.2	GCMSJ	TO-15	
MSJ533-IC533	J10278.D	05/09/07 19:29	DFT	0.5	GCMSJ	TO-15	
MSJ533-IC533	J10279.D	05/09/07 20:18	DFT	40	GCMSJ	TO-15	
MSJ533-IC533	J10280.D	05/09/07 21:05	DFT	20	GCMSJ	TO-15	Reporting this level
MSJ533-ICC533	J10281.D	05/09/07 21:52	DFT	10	GCMSJ	TO-15	
MSJ533-IC533	J10282.D	05/09/07 22:40	DFT	5	GCMSJ	TO-15	
MSJ533-IC533	J10283.D	05/09/07 23:27	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.65	8.63	0.655	ok	0.657	0.597-0.717
1,3-Butadiene	4.59	8.63	0.532	ok	0.532	0.472-0.592
Benzene	10.13	10.45	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.09	10.45	1.061	ok	1.062	1.002-1.122
Bromoform	15.41	14.68	1.050	ok	1.049	0.989-1.109
Bromomethane	4.86	8.63	0.563	ok	0.563	0.503-0.623
Bromoethene	5.39	8.63	0.625	ok	0.624	0.564-0.684
Benzyl Chloride	17.89	14.68	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.63	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.72	14.68	1.003	ok	1.003	0.943-1.063
Chloroethane	5.03	8.63	0.583	ok	0.583	0.523-0.643
Chloroform	8.75	8.63	1.014	ok	1.014	0.954-1.074
Chloromethane	4.23	8.63	0.490	ok	0.490	0.430-0.550
3-Chloropropene	6.66	8.63	0.772	ok	0.772	0.712-0.832
2-Chlorotoluene	16.99	14.68	1.157	ok	1.157	1.097-1.217
Carbon tetrachloride	10.26	8.63	1.189	ok	1.190	1.130-1.250
Cyclohexane	10.37	10.45	0.992	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.66	8.63	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.63	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.58	14.68	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.63	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.90	10.45	1.043	ok	1.044	0.984-1.104
1,4-Dioxane	11.17	10.45	1.069	ok	1.071	1.011-1.131
Dichlorodifluoromethane	4.07	8.63	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.33	14.68	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.46	8.63	0.864	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.63	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.94	10.45	1.143	ok	1.144	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	10.45	1.191	ok	1.192	1.132-1.252
Ethanol	5.20	8.63	0.603	ok	0.604	0.544-0.664
Ethylbenzene	15.10	14.68	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.69	8.63	1.007	ok	1.009	0.949-1.069
4-Ethyltoluene	17.18	14.68	1.170	ok	1.170	1.110-1.230
Freon 113	6.79	8.63	0.787	ok	0.788	0.728-0.848
Freon 114	4.33	8.63	0.502	ok	0.501	0.441-0.561
Heptane	11.37	10.45	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.77	14.68	1.415	ok	1.415	1.355-1.475
Hexane	8.64	8.63	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ533-IC533	J10277.D	05/09/07 18:39	DFT	0.2	GCMSJ	TO-15	
MSJ533-IC533	J10278.D	05/09/07 19:29	DFT	0.5	GCMSJ	TO-15	
MSJ533-IC533	J10279.D	05/09/07 20:18	DFT	40	GCMSJ	TO-15	
MSJ533-IC533	J10280.D	05/09/07 21:05	DFT	20	GCMSJ	TO-15	Reporting this level
MSJ533-ICC533	J10281.D	05/09/07 21:52	DFT	10	GCMSJ	TO-15	
MSJ533-IC533	J10282.D	05/09/07 22:40	DFT	5	GCMSJ	TO-15	
MSJ533-IC533	J10283.D	05/09/07 23:27	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.16	14.68	0.896	ok	0.898	0.838-0.958
Isopropylbenzene	16.43	14.68	1.119	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.94	8.63	0.688	ok	0.692	0.632-0.752
Methylene chloride	6.55	8.63	0.759	ok	0.760	0.700-0.820
Methyl ethyl ketone	8.07	8.63	0.935	ok	0.937	0.877-0.997
Methyl Isobutyl Ketone	11.99	10.45	1.147	ok	1.149	1.089-1.209
Methyl Tert Butyl Ether	7.73	8.63	0.896	ok	0.897	0.837-0.957
Nonane	15.98	14.68	1.089	ok	1.089	1.029-1.149
Pentane	6.14	8.63	0.711	ok	0.712	0.652-0.772
Propylene	3.99	8.63	0.462	ok	0.463	0.403-0.523
Styrene	15.68	14.68	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.69	8.63	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.80	14.68	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.63	10.45	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.27	14.68	1.381	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.73	14.68	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.26	14.68	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.12	10.45	1.064	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.54	8.63	0.758	ok	0.760	0.700-0.820
Tetrachloroethylene	14.02	14.68	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.17	8.63	1.063	ok	1.066	1.006-1.126
Toluene	12.89	10.45	1.233	ok	1.234	1.174-1.294
Trichloroethylene	11.12	10.45	1.064	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.79	8.63	0.671	ok	0.672	0.612-0.732
Vinyl chloride	4.45	8.63	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.80	8.63	0.904	ok	0.905	0.845-0.965
m,p-Xylene	15.29	14.68	1.042	ok	1.042	0.982-1.102
o-Xylene	15.79	14.68	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.62	8.29-8.95	404934	ok	371623	222974-520272
1,4-Difluorobenzene	10.45	ok	10.44	10.11-10.77	1815477	ok	1631886	979132-2284640
Chlorobenzene-D5	14.68	ok	14.67	14.34-15.00	1676330	ok	1431182	858709-2003655

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ533-IC533	J10277.D	05/09/07 18:39	DFT	0.2	GCMSJ	TO-15	
MSJ533-IC533	J10278.D	05/09/07 19:29	DFT	0.5	GCMSJ	TO-15	
MSJ533-IC533	J10279.D	05/09/07 20:18	DFT	40	GCMSJ	TO-15	
MSJ533-IC533	J10280.D	05/09/07 21:05	DFT	20	GCMSJ	TO-15	
MSJ533-ICC533	J10281.D	05/09/07 21:52	DFT	10	GCMSJ	TO-15	Reporting this level
MSJ533-IC533	J10282.D	05/09/07 22:40	DFT	5	GCMSJ	TO-15	
MSJ533-IC533	J10283.D	05/09/07 23:27	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	0.657	0.597-0.717
1,3-Butadiene	4.58	8.62	0.531	ok	0.532	0.472-0.592
Benzene	10.12	10.44	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.09	10.44	1.062	ok	1.062	1.002-1.122
Bromoform	15.40	14.67	1.050	ok	1.049	0.989-1.109
Bromomethane	4.86	8.62	0.564	ok	0.563	0.503-0.623
Bromoethene	5.38	8.62	0.624	ok	0.624	0.564-0.684
Benzyl Chloride	17.89	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.62	0.795	ok	0.794	0.734-0.854
Chlorobenzene	14.72	14.67	1.003	ok	1.003	0.943-1.063
Chloroethane	5.03	8.62	0.584	ok	0.583	0.523-0.643
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.23	8.62	0.491	ok	0.490	0.430-0.550
3-Chloropropene	6.66	8.62	0.773	ok	0.772	0.712-0.832
2-Chlorotoluene	16.98	14.67	1.157	ok	1.157	1.097-1.217
Carbon tetrachloride	10.26	8.62	1.190	ok	1.190	1.130-1.250
Cyclohexane	10.37	10.44	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.66	8.62	0.889	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	8.62	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.57	14.67	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.62	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.90	10.44	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.17	10.44	1.070	ok	1.071	1.011-1.131
Dichlorodifluoromethane	4.06	8.62	0.471	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	7.45	8.62	0.864	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.62	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.94	10.44	1.144	ok	1.144	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	17.98	14.67	1.226	ok	1.226	1.166-1.286
trans-1,3-Dichloropropene	12.44	10.44	1.192	ok	1.192	1.132-1.252
Ethanol	5.21	8.62	0.604	ok	0.604	0.544-0.664
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.69	8.62	1.008	ok	1.009	0.949-1.069
4-Ethyltoluene	17.17	14.67	1.170	ok	1.170	1.110-1.230
Freon 113	6.79	8.62	0.788	ok	0.788	0.728-0.848
Freon 114	4.32	8.62	0.501	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: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ533-IC533	J10277.D	05/09/07 18:39	DFT	0.2	GCMSJ	TO-15	
MSJ533-IC533	J10278.D	05/09/07 19:29	DFT	0.5	GCMSJ	TO-15	
MSJ533-IC533	J10279.D	05/09/07 20:18	DFT	40	GCMSJ	TO-15	
MSJ533-IC533	J10280.D	05/09/07 21:05	DFT	20	GCMSJ	TO-15	
MSJ533-ICC533	J10281.D	05/09/07 21:52	DFT	10	GCMSJ	TO-15	Reporting this level
MSJ533-IC533	J10282.D	05/09/07 22:40	DFT	5	GCMSJ	TO-15	
MSJ533-IC533	J10283.D	05/09/07 23:27	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.16	14.67	0.897	ok	0.898	0.838-0.958
Isopropylbenzene	16.43	14.67	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.92	8.62	0.687	ok	0.692	0.632-0.752
Methylene chloride	6.55	8.62	0.760	ok	0.760	0.700-0.820
Methyl ethyl ketone	8.07	8.62	0.936	ok	0.937	0.877-0.997
Methyl Isobutyl Ketone	11.99	10.44	1.148	ok	1.149	1.089-1.209
Methyl Tert Butyl Ether	7.73	8.62	0.897	ok	0.897	0.837-0.957
Nonane	15.97	14.67	1.089	ok	1.089	1.029-1.149
Pentane	6.14	8.62	0.712	ok	0.712	0.652-0.772
Propylene	3.99	8.62	0.463	ok	0.463	0.403-0.523
Styrene	15.67	14.67	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.68	8.62	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.79	14.67	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.62	10.44	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.27	14.67	1.382	ok	1.382	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	10.44	1.065	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.53	8.62	0.758	ok	0.760	0.700-0.820
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	12.89	10.44	1.235	ok	1.234	1.174-1.294
Trichloroethylene	11.12	10.44	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.79	8.62	0.672	ok	0.672	0.612-0.732
Vinyl chloride	4.45	8.62	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.80	8.62	0.905	ok	0.905	0.845-0.965
m,p-Xylene	15.29	14.67	1.042	ok	1.042	0.982-1.102
o-Xylene	15.79	14.67	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.62	8.29-8.95	412358	ok	371623	222974-520272
1,4-Difluorobenzene	10.44	ok	10.44	10.11-10.77	1821050	ok	1631886	979132-2284640
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	1621470	ok	1431182	858709-2003655

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ533-IC533	J10277.D	05/09/07 18:39	DFT	0.2	GCMSJ	TO-15	
MSJ533-IC533	J10278.D	05/09/07 19:29	DFT	0.5	GCMSJ	TO-15	
MSJ533-IC533	J10279.D	05/09/07 20:18	DFT	40	GCMSJ	TO-15	
MSJ533-IC533	J10280.D	05/09/07 21:05	DFT	20	GCMSJ	TO-15	
MSJ533-ICC533	J10281.D	05/09/07 21:52	DFT	10	GCMSJ	TO-15	
MSJ533-IC533	J10282.D	05/09/07 22:40	DFT	5	GCMSJ	TO-15	Reporting this level
MSJ533-IC533	J10283.D	05/09/07 23:27	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	0.657	0.597-0.717
1,3-Butadiene	4.58	8.62	0.531	ok	0.532	0.472-0.592
Benzene	10.12	10.44	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.08	10.44	1.061	ok	1.062	1.002-1.122
Bromoform	15.39	14.67	1.049	ok	1.049	0.989-1.109
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	14.72	14.67	1.003	ok	1.003	0.943-1.063
Chloroethane	5.03	8.62	0.584	ok	0.583	0.523-0.643
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.24	8.62	0.492	ok	0.490	0.430-0.550
3-Chloropropene	6.66	8.62	0.773	ok	0.772	0.712-0.832
2-Chlorotoluene	16.98	14.67	1.157	ok	1.157	1.097-1.217
Carbon tetrachloride	10.26	8.62	1.190	ok	1.190	1.130-1.250
Cyclohexane	10.37	10.44	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.65	8.62	0.887	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	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	11.18	10.44	1.071	ok	1.071	1.011-1.131
Dichlorodifluoromethane	4.07	8.62	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.32	14.67	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.46	8.62	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.62	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.94	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	1.192	1.132-1.252
Ethanol	5.20	8.62	0.603	ok	0.604	0.544-0.664
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.69	8.62	1.008	ok	1.009	0.949-1.069
4-Ethyltoluene	17.17	14.67	1.170	ok	1.170	1.110-1.230
Freon 113	6.79	8.62	0.788	ok	0.788	0.728-0.848
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: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ533-IC533	J10277.D	05/09/07 18:39	DFT	0.2	GCMSJ	TO-15	
MSJ533-IC533	J10278.D	05/09/07 19:29	DFT	0.5	GCMSJ	TO-15	
MSJ533-IC533	J10279.D	05/09/07 20:18	DFT	40	GCMSJ	TO-15	
MSJ533-IC533	J10280.D	05/09/07 21:05	DFT	20	GCMSJ	TO-15	
MSJ533-ICC533	J10281.D	05/09/07 21:52	DFT	10	GCMSJ	TO-15	
MSJ533-IC533	J10282.D	05/09/07 22:40	DFT	5	GCMSJ	TO-15	Reporting this level
MSJ533-IC533	J10283.D	05/09/07 23:27	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.16	14.67	0.897	ok	0.898	0.838-0.958
Isopropylbenzene	16.42	14.67	1.119	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.93	8.62	0.688	ok	0.692	0.632-0.752
Methylene chloride	6.55	8.62	0.760	ok	0.760	0.700-0.820
Methyl ethyl ketone	8.07	8.62	0.936	ok	0.937	0.877-0.997
Methyl Isobutyl Ketone	11.99	10.44	1.148	ok	1.149	1.089-1.209
Methyl Tert Butyl Ether	7.73	8.62	0.897	ok	0.897	0.837-0.957
Nonane	15.97	14.67	1.089	ok	1.089	1.029-1.149
Pentane	6.14	8.62	0.712	ok	0.712	0.652-0.772
Propylene	4.00	8.62	0.464	ok	0.463	0.403-0.523
Styrene	15.66	14.67	1.067	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.68	8.62	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.79	14.67	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.62	10.44	1.209	ok	1.209	1.149-1.269
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	10.44	1.065	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.53	8.62	0.758	ok	0.760	0.700-0.820
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	10.44	1.234	ok	1.234	1.174-1.294
Trichloroethylene	11.12	10.44	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.80	8.62	0.673	ok	0.672	0.612-0.732
Vinyl chloride	4.45	8.62	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.80	8.62	0.905	ok	0.905	0.845-0.965
m,p-Xylene	15.27	14.67	1.041	ok	1.042	0.982-1.102
o-Xylene	15.78	14.67	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.62	8.29-8.95	366773	ok	371623	222974-520272
1,4-Difluorobenzene	10.44	ok	10.44	10.11-10.77	1563527	ok	1631886	979132-2284640
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	1351983	ok	1431182	858709-2003655

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ533-IC533	J10277.D	05/09/07 18:39	DFT	0.2	GCMSJ	TO-15	
MSJ533-IC533	J10278.D	05/09/07 19:29	DFT	0.5	GCMSJ	TO-15	
MSJ533-IC533	J10279.D	05/09/07 20:18	DFT	40	GCMSJ	TO-15	
MSJ533-IC533	J10280.D	05/09/07 21:05	DFT	20	GCMSJ	TO-15	
MSJ533-ICC533	J10281.D	05/09/07 21:52	DFT	10	GCMSJ	TO-15	
MSJ533-IC533	J10282.D	05/09/07 22:40	DFT	5	GCMSJ	TO-15	
MSJ533-IC533	J10283.D	05/09/07 23:27	DFT	2	GCMSJ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.67	8.62	0.658	ok	0.657	0.597-0.717
1,3-Butadiene	4.59	8.62	0.532	ok	0.532	0.472-0.592
Benzene	10.12	10.44	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.08	10.44	1.061	ok	1.062	1.002-1.122
Bromoform	15.39	14.67	1.049	ok	1.049	0.989-1.109
Bromomethane	4.86	8.62	0.564	ok	0.563	0.503-0.623
Bromoethene	5.38	8.62	0.624	ok	0.624	0.564-0.684
Benzyl Chloride	17.89	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.62	0.795	ok	0.794	0.734-0.854
Chlorobenzene	14.72	14.67	1.003	ok	1.003	0.943-1.063
Chloroethane	5.03	8.62	0.584	ok	0.583	0.523-0.643
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.23	8.62	0.491	ok	0.490	0.430-0.550
3-Chloropropene	6.67	8.62	0.774	ok	0.772	0.712-0.832
2-Chlorotoluene	16.98	14.67	1.157	ok	1.157	1.097-1.217
Carbon tetrachloride	10.26	8.62	1.190	ok	1.190	1.130-1.250
Cyclohexane	10.37	10.44	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.65	8.62	0.887	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	8.62	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.57	14.67	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.62	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.90	10.44	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.20	10.44	1.073	ok	1.071	1.011-1.131
Dichlorodifluoromethane	4.07	8.62	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.32	14.67	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.46	8.62	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.62	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.93	10.44	1.143	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	1.192	1.132-1.252
Ethanol	5.22	8.62	0.606	ok	0.604	0.544-0.664
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.70	8.62	1.009	ok	1.009	0.949-1.069
4-Ethyltoluene	17.17	14.67	1.170	ok	1.170	1.110-1.230
Freon 113	6.80	8.62	0.789	ok	0.788	0.728-0.848
Freon 114	4.32	8.62	0.501	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: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSJ533-IC533	J10277.D	05/09/07 18:39	DFT	0.2	GCMSJ	TO-15	
MSJ533-IC533	J10278.D	05/09/07 19:29	DFT	0.5	GCMSJ	TO-15	
MSJ533-IC533	J10279.D	05/09/07 20:18	DFT	40	GCMSJ	TO-15	
MSJ533-IC533	J10280.D	05/09/07 21:05	DFT	20	GCMSJ	TO-15	
MSJ533-ICC533	J10281.D	05/09/07 21:52	DFT	10	GCMSJ	TO-15	
MSJ533-IC533	J10282.D	05/09/07 22:40	DFT	5	GCMSJ	TO-15	
MSJ533-IC533	J10283.D	05/09/07 23:27	DFT	2	GCMSJ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.18	14.67	0.898	ok	0.898	0.838-0.958
Isopropylbenzene	16.42	14.67	1.119	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.95	8.62	0.690	ok	0.692	0.632-0.752
Methylene chloride	6.55	8.62	0.760	ok	0.760	0.700-0.820
Methyl ethyl ketone	8.08	8.62	0.937	ok	0.937	0.877-0.997
Methyl Isobutyl Ketone	12.00	10.44	1.149	ok	1.149	1.089-1.209
Methyl Tert Butyl Ether	7.74	8.62	0.898	ok	0.897	0.837-0.957
Nonane	15.97	14.67	1.089	ok	1.089	1.029-1.149
Pentane	6.14	8.62	0.712	ok	0.712	0.652-0.772
Propylene	3.99	8.62	0.463	ok	0.463	0.403-0.523
Styrene	15.67	14.67	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.68	8.62	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.79	14.67	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.62	10.44	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.27	14.67	1.382	ok	1.382	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	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.56	8.62	0.761	ok	0.760	0.700-0.820
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.20	8.62	1.067	ok	1.066	1.006-1.126
Toluene	12.89	10.44	1.235	ok	1.234	1.174-1.294
Trichloroethylene	11.11	10.44	1.064	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.80	8.62	0.673	ok	0.672	0.612-0.732
Vinyl chloride	4.44	8.62	0.515	ok	0.516	0.456-0.576
Vinyl Acetate	7.81	8.62	0.906	ok	0.905	0.845-0.965
m,p-Xylene	15.28	14.67	1.042	ok	1.042	0.982-1.102
o-Xylene	15.78	14.67	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.62	8.29-8.95	364997	ok	371623	222974-520272
1,4-Difluorobenzene	10.44	ok	10.44	10.11-10.77	1696449	ok	1631886	979132-2284640
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	1441208	ok	1431182	858709-2003655

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ185-IC185	Q3387.D	05/15/07 17:12	PB	2	GCMSQ	TO-15	Reporting this level
MSQ185-IC185	Q3389.D	05/15/07 18:37	PB	.2	GCMSQ	TO-15	
MSQ185-IC185	Q3390.D	05/15/07 19:16	PB	40	GCMSQ	TO-15	
MSQ185-IC185	Q3391.D	05/15/07 19:56	PB	5	GCMSQ	TO-15	
MSQ185-IC185	Q3392.D	05/16/07 08:18	PB	20	GCMSQ	TO-15	
MSQ185-ICC185	Q3393.D	05/16/07 09:18	PB	10	GCMSQ	TO-15	
MSQ185-IC185	Q3394.D	05/16/07 10:02	PB	.5	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.19	8.42	0.616	ok	0.616	0.556-0.676
1,3-Butadiene	4.12	8.42	0.489	ok	0.489	0.429-0.549
Benzene	10.01	10.34	0.968	ok	0.968	0.908-1.028
Bromodichloromethane	11.01	10.34	1.065	ok	1.065	1.005-1.125
Bromoform	15.42	14.69	1.050	ok	1.049	0.989-1.109
Bromomethane	4.40	8.42	0.523	ok	0.522	0.462-0.582
Bromoethene	4.94	8.42	0.587	ok	0.586	0.526-0.646
Benzyl Chloride	17.93	14.69	1.221	ok	1.220	1.160-1.280
Carbon disulfide	6.53	8.42	0.776	ok	0.774	0.714-0.834
Chlorobenzene	14.74	14.69	1.003	ok	1.003	0.943-1.063
Chloroethane	4.57	8.42	0.543	ok	0.542	0.482-0.602
Chloroform	8.55	8.42	1.015	ok	1.015	0.955-1.075
Chloromethane	3.76	8.42	0.447	ok	0.446	0.386-0.506
3-Chloropropene	6.32	8.42	0.751	ok	0.750	0.690-0.810
2-Chlorotoluene	17.03	14.69	1.159	ok	1.159	1.099-1.219
Carbon tetrachloride	10.16	8.42	1.207	ok	1.206	1.146-1.266
Cyclohexane	10.28	10.34	0.994	ok	0.994	0.934-1.054
1,1-Dichloroethane	7.39	8.42	0.878	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.07	8.42	0.721	ok	0.720	0.660-0.780
1,2-Dibromoethane	13.57	14.69	0.924	ok	0.923	0.863-0.983
1,2-Dichloroethane	9.30	8.42	1.105	ok	1.104	1.044-1.164
1,2-Dichloropropane	10.82	10.34	1.046	ok	1.046	0.986-1.106
1,4-Dioxane	11.04	10.34	1.068	ok	1.068	1.008-1.128
Dichlorodifluoromethane	3.59	8.42	0.426	ok	0.426	0.366-0.486
Dibromochloromethane	13.31	14.69	0.906	ok	0.906	0.846-0.966
trans-1,2-Dichloroethylene	7.18	8.42	0.853	ok	0.853	0.793-0.913
cis-1,2-Dichloroethylene	8.25	8.42	0.980	ok	0.979	0.919-1.039
cis-1,3-Dichloropropene	11.90	10.34	1.151	ok	1.151	1.091-1.211
m-Dichlorobenzene	17.95	14.69	1.222	ok	1.222	1.162-1.282
o-Dichlorobenzene	18.42	14.69	1.254	ok	1.253	1.193-1.313
p-Dichlorobenzene	18.03	14.69	1.227	ok	1.227	1.167-1.287
trans-1,3-Dichloropropene	12.41	10.34	1.200	ok	1.200	1.140-1.260
Ethanol	4.67	8.42	0.555	ok	0.555	0.495-0.615
Ethylbenzene	15.13	14.69	1.030	ok	1.029	0.969-1.089
Ethyl Acetate	8.46	8.42	1.005	ok	1.005	0.945-1.065
4-Ethyltoluene	17.22	14.69	1.172	ok	1.172	1.112-1.232
Freon 113	6.47	8.42	0.768	ok	0.768	0.708-0.828
Freon 114	3.86	8.42	0.458	ok	0.458	0.398-0.518
Heptane	11.32	10.34	1.095	ok	1.095	1.035-1.155
Hexachlorobutadiene	20.81	14.69	1.417	ok	1.416	1.356-1.476
Hexane	8.46	8.42	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ185-IC185	Q3387.D	05/15/07 17:12	PB	2	GCMSQ	TO-15	Reporting this level
MSQ185-IC185	Q3389.D	05/15/07 18:37	PB	.2	GCMSQ	TO-15	
MSQ185-IC185	Q3390.D	05/15/07 19:16	PB	40	GCMSQ	TO-15	
MSQ185-IC185	Q3391.D	05/15/07 19:56	PB	5	GCMSQ	TO-15	
MSQ185-IC185	Q3392.D	05/16/07 08:18	PB	20	GCMSQ	TO-15	
MSQ185-ICC185	Q3393.D	05/16/07 09:18	PB	10	GCMSQ	TO-15	
MSQ185-IC185	Q3394.D	05/16/07 10:02	PB	.5	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.11	14.69	0.892	ok	0.892	0.832-0.952
Isopropylbenzene	16.48	14.69	1.122	ok	1.121	1.061-1.181
Isopropyl Alcohol	5.44	8.42	0.646	ok	0.646	0.586-0.706
Methylene chloride	6.19	8.42	0.735	ok	0.735	0.675-0.795
Methyl ethyl ketone	7.79	8.42	0.925	ok	0.925	0.865-0.985
Methyl Isobutyl Ketone	11.91	10.34	1.152	ok	1.152	1.092-1.212
Methyl Tert Butyl Ether	7.44	8.42	0.884	ok	0.884	0.824-0.944
Nonane	16.03	14.69	1.091	ok	1.091	1.031-1.151
Pentane	5.77	8.42	0.685	ok	0.685	0.625-0.745
Propylene	3.52	8.42	0.418	ok	0.418	0.358-0.478
Styrene	15.71	14.69	1.069	ok	1.069	1.009-1.129
1,1,1-Trichloroethane	9.55	8.42	1.134	ok	1.134	1.074-1.194
1,1,2,2-Tetrachloroethane	15.82	14.69	1.077	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.60	10.34	1.219	ok	1.218	1.158-1.278
1,2,4-Trichlorobenzene	20.32	14.69	1.383	ok	1.383	1.323-1.443
1,2,4-Trimethylbenzene	17.77	14.69	1.210	ok	1.209	1.149-1.269
1,3,5-Trimethylbenzene	17.30	14.69	1.178	ok	1.178	1.118-1.238
2,2,4-Trimethylpentane	11.07	10.34	1.071	ok	1.071	1.011-1.131
Tertiary Butyl Alcohol	6.09	8.42	0.723	ok	0.723	0.663-0.783
Tetrachloroethylene	14.04	14.69	0.956	ok	0.955	0.895-1.015
Tetrahydrofuran	8.96	8.42	1.064	ok	1.064	1.004-1.124
Toluene	12.88	10.34	1.246	ok	1.246	1.186-1.306
Trichloroethylene	11.05	10.34	1.069	ok	1.069	1.009-1.129
Trichlorofluoromethane	5.39	8.42	0.640	ok	0.640	0.580-0.700
Vinyl chloride	3.98	8.42	0.473	ok	0.473	0.413-0.533
Vinyl Acetate	7.53	8.42	0.894	ok	0.894	0.834-0.954
m,p-Xylene	15.32	14.69	1.043	ok	1.043	0.983-1.103
o-Xylene	15.83	14.69	1.078	ok	1.077	1.017-1.137

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.42	ok	8.42	8.09-8.75	122843	ok	105507	63304-147710
1,4-Difluorobenzene	10.34	ok	10.34	10.01-10.67	613891	ok	486071	291643-680499
Chlorobenzene-D5	14.69	ok	14.70	14.37-15.03	545288	ok	429291	257575-601007

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ185-IC185	Q3387.D	05/15/07 17:12	PB	2	GCMSQ	TO-15	
MSQ185-IC185	Q3389.D	05/15/07 18:37	PB	.2	GCMSQ	TO-15	Reporting this level
MSQ185-IC185	Q3390.D	05/15/07 19:16	PB	40	GCMSQ	TO-15	
MSQ185-IC185	Q3391.D	05/15/07 19:56	PB	5	GCMSQ	TO-15	
MSQ185-IC185	Q3392.D	05/16/07 08:18	PB	20	GCMSQ	TO-15	
MSQ185-ICC185	Q3393.D	05/16/07 09:18	PB	10	GCMSQ	TO-15	
MSQ185-IC185	Q3394.D	05/16/07 10:02	PB	.5	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.19	8.42	0.616	ok	0.616	0.556-0.676
1,3-Butadiene	4.12	8.42	0.489	ok	0.489	0.429-0.549
Benzene	10.01	10.34	0.968	ok	0.968	0.908-1.028
Bromodichloromethane	11.01	10.34	1.065	ok	1.065	1.005-1.125
Bromoform	15.43	14.69	1.050	ok	1.049	0.989-1.109
Bromomethane	4.40	8.42	0.523	ok	0.522	0.462-0.582
Bromoethene	4.93	8.42	0.586	ok	0.586	0.526-0.646
Benzyl Chloride	17.93	14.69	1.221	ok	1.220	1.160-1.280
Carbon disulfide	6.52	8.42	0.774	ok	0.774	0.714-0.834
Chlorobenzene	14.74	14.69	1.003	ok	1.003	0.943-1.063
Chloroethane	4.57	8.42	0.543	ok	0.542	0.482-0.602
Chloroform	8.54	8.42	1.014	ok	1.015	0.955-1.075
Chloromethane	3.76	8.42	0.447	ok	0.446	0.386-0.506
3-Chloropropene	6.31	8.42	0.749	ok	0.750	0.690-0.810
2-Chlorotoluene	17.03	14.69	1.159	ok	1.159	1.099-1.219
Carbon tetrachloride	10.15	8.42	1.205	ok	1.206	1.146-1.266
Cyclohexane	10.27	10.34	0.993	ok	0.994	0.934-1.054
1,1-Dichloroethane	7.40	8.42	0.879	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.07	8.42	0.721	ok	0.720	0.660-0.780
1,2-Dibromoethane	13.57	14.69	0.924	ok	0.923	0.863-0.983
1,2-Dichloroethane	9.30	8.42	1.105	ok	1.104	1.044-1.164
1,2-Dichloropropane	10.81	10.34	1.045	ok	1.046	0.986-1.106
1,4-Dioxane	11.06	10.34	1.070	ok	1.068	1.008-1.128
Dichlorodifluoromethane	3.59	8.42	0.426	ok	0.426	0.366-0.486
Dibromochloromethane	13.32	14.69	0.907	ok	0.906	0.846-0.966
trans-1,2-Dichloroethylene	7.18	8.42	0.853	ok	0.853	0.793-0.913
cis-1,2-Dichloroethylene	8.24	8.42	0.979	ok	0.979	0.919-1.039
cis-1,3-Dichloropropene	11.90	10.34	1.151	ok	1.151	1.091-1.211
m-Dichlorobenzene	17.96	14.69	1.223	ok	1.222	1.162-1.282
o-Dichlorobenzene	18.41	14.69	1.253	ok	1.253	1.193-1.313
p-Dichlorobenzene	18.03	14.69	1.227	ok	1.227	1.167-1.287
trans-1,3-Dichloropropene	12.41	10.34	1.200	ok	1.200	1.140-1.260
Ethanol	4.68	8.42	0.556	ok	0.555	0.495-0.615
Ethylbenzene	15.13	14.69	1.030	ok	1.029	0.969-1.089
Ethyl Acetate	8.47	8.42	1.006	ok	1.005	0.945-1.065
4-Ethyltoluene	17.22	14.69	1.172	ok	1.172	1.112-1.232
Freon 113	6.46	8.42	0.767	ok	0.768	0.708-0.828
Freon 114	3.86	8.42	0.458	ok	0.458	0.398-0.518
Heptane	11.32	10.34	1.095	ok	1.095	1.035-1.155
Hexachlorobutadiene	20.81	14.69	1.417	ok	1.416	1.356-1.476
Hexane	8.46	8.42	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ185-IC185	Q3387.D	05/15/07 17:12	PB	2	GCMSQ	TO-15	
MSQ185-IC185	Q3389.D	05/15/07 18:37	PB	.2	GCMSQ	TO-15	Reporting this level
MSQ185-IC185	Q3390.D	05/15/07 19:16	PB	40	GCMSQ	TO-15	
MSQ185-IC185	Q3391.D	05/15/07 19:56	PB	5	GCMSQ	TO-15	
MSQ185-IC185	Q3392.D	05/16/07 08:18	PB	20	GCMSQ	TO-15	
MSQ185-ICC185	Q3393.D	05/16/07 09:18	PB	10	GCMSQ	TO-15	
MSQ185-IC185	Q3394.D	05/16/07 10:02	PB	.5	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.12	14.69	0.893	ok	0.892	0.832-0.952
Isopropylbenzene	16.48	14.69	1.122	ok	1.121	1.061-1.181
Isopropyl Alcohol	5.45	8.42	0.647	ok	0.646	0.586-0.706
Methylene chloride	6.19	8.42	0.735	ok	0.735	0.675-0.795
Methyl ethyl ketone	7.80	8.42	0.926	ok	0.925	0.865-0.985
Methyl Isobutyl Ketone	11.92	10.34	1.153	ok	1.152	1.092-1.212
Methyl Tert Butyl Ether	7.45	8.42	0.885	ok	0.884	0.824-0.944
Nonane	16.03	14.69	1.091	ok	1.091	1.031-1.151
Pentane	5.77	8.42	0.685	ok	0.685	0.625-0.745
Propylene	3.52	8.42	0.418	ok	0.418	0.358-0.478
Styrene	15.71	14.69	1.069	ok	1.069	1.009-1.129
1,1,1-Trichloroethane	9.55	8.42	1.134	ok	1.134	1.074-1.194
1,1,2,2-Tetrachloroethane	15.82	14.69	1.077	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.59	10.34	1.218	ok	1.218	1.158-1.278
1,2,4-Trichlorobenzene	20.32	14.69	1.383	ok	1.383	1.323-1.443
1,2,4-Trimethylbenzene	17.77	14.69	1.210	ok	1.209	1.149-1.269
1,3,5-Trimethylbenzene	17.31	14.69	1.178	ok	1.178	1.118-1.238
2,2,4-Trimethylpentane	11.07	10.34	1.071	ok	1.071	1.011-1.131
Tertiary Butyl Alcohol	6.10	8.42	0.724	ok	0.723	0.663-0.783
Tetrachloroethylene	14.03	14.69	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	8.98	8.42	1.067	ok	1.064	1.004-1.124
Toluene	12.88	10.34	1.246	ok	1.246	1.186-1.306
Trichloroethylene	11.05	10.34	1.069	ok	1.069	1.009-1.129
Trichlorofluoromethane	5.39	8.42	0.640	ok	0.640	0.580-0.700
Vinyl chloride	3.99	8.42	0.474	ok	0.473	0.413-0.533
Vinyl Acetate	7.53	8.42	0.894	ok	0.894	0.834-0.954
m,p-Xylene	15.32	14.69	1.043	ok	1.043	0.983-1.103
o-Xylene	15.82	14.69	1.077	ok	1.077	1.017-1.137

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.42	ok	8.42	8.09-8.75	89822	ok	105507	63304-147710
1,4-Difluorobenzene	10.34	ok	10.34	10.01-10.67	448955	ok	486071	291643-680499
Chlorobenzene-D5	14.69	ok	14.70	14.37-15.03	361598	ok	429291	257575-601007

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ185-IC185	Q3387.D	05/15/07 17:12	PB	2	GCMSQ	TO-15	
MSQ185-IC185	Q3389.D	05/15/07 18:37	PB	.2	GCMSQ	TO-15	
MSQ185-IC185	Q3390.D	05/15/07 19:16	PB	40	GCMSQ	TO-15	Reporting this level
MSQ185-IC185	Q3391.D	05/15/07 19:56	PB	5	GCMSQ	TO-15	
MSQ185-IC185	Q3392.D	05/16/07 08:18	PB	20	GCMSQ	TO-15	
MSQ185-ICC185	Q3393.D	05/16/07 09:18	PB	10	GCMSQ	TO-15	
MSQ185-IC185	Q3394.D	05/16/07 10:02	PB	.5	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.19	8.43	0.616	ok	0.616	0.556-0.676
1,3-Butadiene	4.12	8.43	0.489	ok	0.489	0.429-0.549
Benzene	10.02	10.35	0.968	ok	0.968	0.908-1.028
Bromodichloromethane	11.02	10.35	1.065	ok	1.065	1.005-1.125
Bromoform	15.43	14.70	1.050	ok	1.049	0.989-1.109
Bromomethane	4.40	8.43	0.522	ok	0.522	0.462-0.582
Bromoethene	4.95	8.43	0.587	ok	0.586	0.526-0.646
Benzyl Chloride	17.94	14.70	1.220	ok	1.220	1.160-1.280
Carbon disulfide	6.53	8.43	0.775	ok	0.774	0.714-0.834
Chlorobenzene	14.75	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	4.57	8.43	0.542	ok	0.542	0.482-0.602
Chloroform	8.56	8.43	1.015	ok	1.015	0.955-1.075
Chloromethane	3.76	8.43	0.446	ok	0.446	0.386-0.506
3-Chloropropene	6.33	8.43	0.751	ok	0.750	0.690-0.810
2-Chlorotoluene	17.04	14.70	1.159	ok	1.159	1.099-1.219
Carbon tetrachloride	10.16	8.43	1.205	ok	1.206	1.146-1.266
Cyclohexane	10.29	10.35	0.994	ok	0.994	0.934-1.054
1,1-Dichloroethane	7.40	8.43	0.878	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.07	8.43	0.720	ok	0.720	0.660-0.780
1,2-Dibromoethane	13.58	14.70	0.924	ok	0.923	0.863-0.983
1,2-Dichloroethane	9.30	8.43	1.103	ok	1.104	1.044-1.164
1,2-Dichloropropane	10.83	10.35	1.046	ok	1.046	0.986-1.106
1,4-Dioxane	11.05	10.35	1.068	ok	1.068	1.008-1.128
Dichlorodifluoromethane	3.59	8.43	0.426	ok	0.426	0.366-0.486
Dibromochloromethane	13.32	14.70	0.906	ok	0.906	0.846-0.966
trans-1,2-Dichloroethylene	7.19	8.43	0.853	ok	0.853	0.793-0.913
cis-1,2-Dichloroethylene	8.26	8.43	0.980	ok	0.979	0.919-1.039
cis-1,3-Dichloropropene	11.90	10.35	1.150	ok	1.151	1.091-1.211
m-Dichlorobenzene	17.96	14.70	1.222	ok	1.222	1.162-1.282
o-Dichlorobenzene	18.42	14.70	1.253	ok	1.253	1.193-1.313
p-Dichlorobenzene	18.04	14.70	1.227	ok	1.227	1.167-1.287
trans-1,3-Dichloropropene	12.42	10.35	1.200	ok	1.200	1.140-1.260
Ethanol	4.68	8.43	0.555	ok	0.555	0.495-0.615
Ethylbenzene	15.13	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.47	8.43	1.005	ok	1.005	0.945-1.065
4-Ethyltoluene	17.23	14.70	1.172	ok	1.172	1.112-1.232
Freon 113	6.48	8.43	0.769	ok	0.768	0.708-0.828
Freon 114	3.86	8.43	0.458	ok	0.458	0.398-0.518
Heptane	11.33	10.35	1.095	ok	1.095	1.035-1.155
Hexachlorobutadiene	20.81	14.70	1.416	ok	1.416	1.356-1.476
Hexane	8.46	8.43	1.004	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ185-IC185	Q3387.D	05/15/07 17:12	PB	2	GCMSQ	TO-15	
MSQ185-IC185	Q3389.D	05/15/07 18:37	PB	.2	GCMSQ	TO-15	
MSQ185-IC185	Q3390.D	05/15/07 19:16	PB	40	GCMSQ	TO-15	Reporting this level
MSQ185-IC185	Q3391.D	05/15/07 19:56	PB	5	GCMSQ	TO-15	
MSQ185-IC185	Q3392.D	05/16/07 08:18	PB	20	GCMSQ	TO-15	
MSQ185-ICC185	Q3393.D	05/16/07 09:18	PB	10	GCMSQ	TO-15	
MSQ185-IC185	Q3394.D	05/16/07 10:02	PB	.5	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.12	14.70	0.893	ok	0.892	0.832-0.952
Isopropylbenzene	16.49	14.70	1.122	ok	1.121	1.061-1.181
Isopropyl Alcohol	5.45	8.43	0.647	ok	0.646	0.586-0.706
Methylene chloride	6.20	8.43	0.735	ok	0.735	0.675-0.795
Methyl ethyl ketone	7.80	8.43	0.925	ok	0.925	0.865-0.985
Methyl Isobutyl Ketone	11.92	10.35	1.152	ok	1.152	1.092-1.212
Methyl Tert Butyl Ether	7.45	8.43	0.884	ok	0.884	0.824-0.944
Nonane	16.04	14.70	1.091	ok	1.091	1.031-1.151
Pentane	5.77	8.43	0.684	ok	0.685	0.625-0.745
Propylene	3.52	8.43	0.418	ok	0.418	0.358-0.478
Styrene	15.71	14.70	1.069	ok	1.069	1.009-1.129
1,1,1-Trichloroethane	9.55	8.43	1.133	ok	1.134	1.074-1.194
1,1,2,2-Tetrachloroethane	15.83	14.70	1.077	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.61	10.35	1.218	ok	1.218	1.158-1.278
1,2,4-Trichlorobenzene	20.32	14.70	1.382	ok	1.383	1.323-1.443
1,2,4-Trimethylbenzene	17.78	14.70	1.210	ok	1.209	1.149-1.269
1,3,5-Trimethylbenzene	17.31	14.70	1.178	ok	1.178	1.118-1.238
2,2,4-Trimethylpentane	11.08	10.35	1.071	ok	1.071	1.011-1.131
Tertiary Butyl Alcohol	6.10	8.43	0.724	ok	0.723	0.663-0.783
Tetrachloroethylene	14.04	14.70	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	8.96	8.43	1.063	ok	1.064	1.004-1.124
Toluene	12.89	10.35	1.245	ok	1.246	1.186-1.306
Trichloroethylene	11.06	10.35	1.069	ok	1.069	1.009-1.129
Trichlorofluoromethane	5.39	8.43	0.639	ok	0.640	0.580-0.700
Vinyl chloride	3.98	8.43	0.472	ok	0.473	0.413-0.533
Vinyl Acetate	7.54	8.43	0.894	ok	0.894	0.834-0.954
m,p-Xylene	15.33	14.70	1.043	ok	1.043	0.983-1.103
o-Xylene	15.83	14.70	1.077	ok	1.077	1.017-1.137

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.43	ok	8.42	8.09-8.75	94425	ok	105507	63304-147710
1,4-Difluorobenzene	10.35	ok	10.34	10.01-10.67	443847	ok	486071	291643-680499
Chlorobenzene-D5	14.70	ok	14.70	14.37-15.03	420269	ok	429291	257575-601007

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ185-IC185	Q3387.D	05/15/07 17:12	PB	2	GCMSQ	TO-15	
MSQ185-IC185	Q3389.D	05/15/07 18:37	PB	.2	GCMSQ	TO-15	
MSQ185-IC185	Q3390.D	05/15/07 19:16	PB	40	GCMSQ	TO-15	
MSQ185-IC185	Q3391.D	05/15/07 19:56	PB	5	GCMSQ	TO-15	Reporting this level
MSQ185-IC185	Q3392.D	05/16/07 08:18	PB	20	GCMSQ	TO-15	
MSQ185-ICC185	Q3393.D	05/16/07 09:18	PB	10	GCMSQ	TO-15	
MSQ185-IC185	Q3394.D	05/16/07 10:02	PB	.5	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.19	8.42	0.616	ok	0.616	0.556-0.676
1,3-Butadiene	4.12	8.42	0.489	ok	0.489	0.429-0.549
Benzene	10.01	10.34	0.968	ok	0.968	0.908-1.028
Bromodichloromethane	11.01	10.34	1.065	ok	1.065	1.005-1.125
Bromoform	15.42	14.70	1.049	ok	1.049	0.989-1.109
Bromomethane	4.40	8.42	0.523	ok	0.522	0.462-0.582
Bromoethene	4.94	8.42	0.587	ok	0.586	0.526-0.646
Benzyl Chloride	17.93	14.70	1.220	ok	1.220	1.160-1.280
Carbon disulfide	6.52	8.42	0.774	ok	0.774	0.714-0.834
Chlorobenzene	14.74	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	4.57	8.42	0.543	ok	0.542	0.482-0.602
Chloroform	8.55	8.42	1.015	ok	1.015	0.955-1.075
Chloromethane	3.76	8.42	0.447	ok	0.446	0.386-0.506
3-Chloropropene	6.32	8.42	0.751	ok	0.750	0.690-0.810
2-Chlorotoluene	17.03	14.70	1.159	ok	1.159	1.099-1.219
Carbon tetrachloride	10.16	8.42	1.207	ok	1.206	1.146-1.266
Cyclohexane	10.29	10.34	0.995	ok	0.994	0.934-1.054
1,1-Dichloroethane	7.39	8.42	0.878	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.07	8.42	0.721	ok	0.720	0.660-0.780
1,2-Dibromoethane	13.57	14.70	0.923	ok	0.923	0.863-0.983
1,2-Dichloroethane	9.30	8.42	1.105	ok	1.104	1.044-1.164
1,2-Dichloropropane	10.82	10.34	1.046	ok	1.046	0.986-1.106
1,4-Dioxane	11.04	10.34	1.068	ok	1.068	1.008-1.128
Dichlorodifluoromethane	3.59	8.42	0.426	ok	0.426	0.366-0.486
Dibromochloromethane	13.32	14.70	0.906	ok	0.906	0.846-0.966
trans-1,2-Dichloroethylene	7.18	8.42	0.853	ok	0.853	0.793-0.913
cis-1,2-Dichloroethylene	8.25	8.42	0.980	ok	0.979	0.919-1.039
cis-1,3-Dichloropropene	11.89	10.34	1.150	ok	1.151	1.091-1.211
m-Dichlorobenzene	17.95	14.70	1.221	ok	1.222	1.162-1.282
o-Dichlorobenzene	18.42	14.70	1.253	ok	1.253	1.193-1.313
p-Dichlorobenzene	18.03	14.70	1.227	ok	1.227	1.167-1.287
trans-1,3-Dichloropropene	12.41	10.34	1.200	ok	1.200	1.140-1.260
Ethanol	4.67	8.42	0.555	ok	0.555	0.495-0.615
Ethylbenzene	15.13	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.46	8.42	1.005	ok	1.005	0.945-1.065
4-Ethyltoluene	17.22	14.70	1.171	ok	1.172	1.112-1.232
Freon 113	6.47	8.42	0.768	ok	0.768	0.708-0.828
Freon 114	3.86	8.42	0.458	ok	0.458	0.398-0.518
Heptane	11.33	10.34	1.096	ok	1.095	1.035-1.155
Hexachlorobutadiene	20.81	14.70	1.416	ok	1.416	1.356-1.476
Hexane	8.46	8.42	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ185-IC185	Q3387.D	05/15/07 17:12	PB	2	GCMSQ	TO-15	
MSQ185-IC185	Q3389.D	05/15/07 18:37	PB	.2	GCMSQ	TO-15	
MSQ185-IC185	Q3390.D	05/15/07 19:16	PB	40	GCMSQ	TO-15	
MSQ185-IC185	Q3391.D	05/15/07 19:56	PB	5	GCMSQ	TO-15	Reporting this level
MSQ185-IC185	Q3392.D	05/16/07 08:18	PB	20	GCMSQ	TO-15	
MSQ185-ICC185	Q3393.D	05/16/07 09:18	PB	10	GCMSQ	TO-15	
MSQ185-IC185	Q3394.D	05/16/07 10:02	PB	.5	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.11	14.70	0.892	ok	0.892	0.832-0.952
Isopropylbenzene	16.48	14.70	1.121	ok	1.121	1.061-1.181
Isopropyl Alcohol	5.44	8.42	0.646	ok	0.646	0.586-0.706
Methylene chloride	6.19	8.42	0.735	ok	0.735	0.675-0.795
Methyl ethyl ketone	7.79	8.42	0.925	ok	0.925	0.865-0.985
Methyl Isobutyl Ketone	11.92	10.34	1.153	ok	1.152	1.092-1.212
Methyl Tert Butyl Ether	7.44	8.42	0.884	ok	0.884	0.824-0.944
Nonane	16.03	14.70	1.090	ok	1.091	1.031-1.151
Pentane	5.76	8.42	0.684	ok	0.685	0.625-0.745
Propylene	3.52	8.42	0.418	ok	0.418	0.358-0.478
Styrene	15.71	14.70	1.069	ok	1.069	1.009-1.129
1,1,1-Trichloroethane	9.55	8.42	1.134	ok	1.134	1.074-1.194
1,1,2,2-Tetrachloroethane	15.82	14.70	1.076	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.60	10.34	1.219	ok	1.218	1.158-1.278
1,2,4-Trichlorobenzene	20.32	14.70	1.382	ok	1.383	1.323-1.443
1,2,4-Trimethylbenzene	17.77	14.70	1.209	ok	1.209	1.149-1.269
1,3,5-Trimethylbenzene	17.31	14.70	1.178	ok	1.178	1.118-1.238
2,2,4-Trimethylpentane	11.07	10.34	1.071	ok	1.071	1.011-1.131
Tertiary Butyl Alcohol	6.09	8.42	0.723	ok	0.723	0.663-0.783
Tetrachloroethylene	14.04	14.70	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	8.96	8.42	1.064	ok	1.064	1.004-1.124
Toluene	12.88	10.34	1.246	ok	1.246	1.186-1.306
Trichloroethylene	11.05	10.34	1.069	ok	1.069	1.009-1.129
Trichlorofluoromethane	5.39	8.42	0.640	ok	0.640	0.580-0.700
Vinyl chloride	3.98	8.42	0.473	ok	0.473	0.413-0.533
Vinyl Acetate	7.53	8.42	0.894	ok	0.894	0.834-0.954
m,p-Xylene	15.32	14.70	1.042	ok	1.043	0.983-1.103
o-Xylene	15.83	14.70	1.077	ok	1.077	1.017-1.137

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.42	ok	8.42	8.09-8.75	105565	ok	105507	63304-147710
1,4-Difluorobenzene	10.34	ok	10.34	10.01-10.67	443500	ok	486071	291643-680499
Chlorobenzene-D5	14.70	ok	14.70	14.37-15.03	403673	ok	429291	257575-601007

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ185-IC185	Q3387.D	05/15/07 17:12	PB	2	GCMSQ	TO-15	
MSQ185-IC185	Q3389.D	05/15/07 18:37	PB	.2	GCMSQ	TO-15	
MSQ185-IC185	Q3390.D	05/15/07 19:16	PB	40	GCMSQ	TO-15	
MSQ185-IC185	Q3391.D	05/15/07 19:56	PB	5	GCMSQ	TO-15	
MSQ185-IC185	Q3392.D	05/16/07 08:18	PB	20	GCMSQ	TO-15	Reporting this level
MSQ185-ICC185	Q3393.D	05/16/07 09:18	PB	10	GCMSQ	TO-15	
MSQ185-IC185	Q3394.D	05/16/07 10:02	PB	.5	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.17	8.42	0.614	ok	0.616	0.556-0.676
1,3-Butadiene	4.10	8.42	0.487	ok	0.489	0.429-0.549
Benzene	10.01	10.34	0.968	ok	0.968	0.908-1.028
Bromodichloromethane	11.01	10.34	1.065	ok	1.065	1.005-1.125
Bromoform	15.43	14.70	1.050	ok	1.049	0.989-1.109
Bromomethane	4.38	8.42	0.520	ok	0.522	0.462-0.582
Bromoethene	4.93	8.42	0.586	ok	0.586	0.526-0.646
Benzyl Chloride	17.93	14.70	1.220	ok	1.220	1.160-1.280
Carbon disulfide	6.51	8.42	0.773	ok	0.774	0.714-0.834
Chlorobenzene	14.74	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	4.56	8.42	0.542	ok	0.542	0.482-0.602
Chloroform	8.55	8.42	1.015	ok	1.015	0.955-1.075
Chloromethane	3.74	8.42	0.444	ok	0.446	0.386-0.506
3-Chloropropene	6.31	8.42	0.749	ok	0.750	0.690-0.810
2-Chlorotoluene	17.03	14.70	1.159	ok	1.159	1.099-1.219
Carbon tetrachloride	10.15	8.42	1.205	ok	1.206	1.146-1.266
Cyclohexane	10.28	10.34	0.994	ok	0.994	0.934-1.054
1,1-Dichloroethane	7.38	8.42	0.876	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.06	8.42	0.720	ok	0.720	0.660-0.780
1,2-Dibromoethane	13.57	14.70	0.923	ok	0.923	0.863-0.983
1,2-Dichloroethane	9.29	8.42	1.103	ok	1.104	1.044-1.164
1,2-Dichloropropane	10.82	10.34	1.046	ok	1.046	0.986-1.106
1,4-Dioxane	11.04	10.34	1.068	ok	1.068	1.008-1.128
Dichlorodifluoromethane	3.58	8.42	0.425	ok	0.426	0.366-0.486
Dibromochloromethane	13.32	14.70	0.906	ok	0.906	0.846-0.966
trans-1,2-Dichloroethylene	7.17	8.42	0.852	ok	0.853	0.793-0.913
cis-1,2-Dichloroethylene	8.24	8.42	0.979	ok	0.979	0.919-1.039
cis-1,3-Dichloropropene	11.90	10.34	1.151	ok	1.151	1.091-1.211
m-Dichlorobenzene	17.96	14.70	1.222	ok	1.222	1.162-1.282
o-Dichlorobenzene	18.42	14.70	1.253	ok	1.253	1.193-1.313
p-Dichlorobenzene	18.03	14.70	1.227	ok	1.227	1.167-1.287
trans-1,3-Dichloropropene	12.41	10.34	1.200	ok	1.200	1.140-1.260
Ethanol	4.66	8.42	0.553	ok	0.555	0.495-0.615
Ethylbenzene	15.13	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.46	8.42	1.005	ok	1.005	0.945-1.065
4-Ethyltoluene	17.22	14.70	1.171	ok	1.172	1.112-1.232
Freon 113	6.45	8.42	0.766	ok	0.768	0.708-0.828
Freon 114	3.84	8.42	0.456	ok	0.458	0.398-0.518
Heptane	11.32	10.34	1.095	ok	1.095	1.035-1.155
Hexachlorobutadiene	20.81	14.70	1.416	ok	1.416	1.356-1.476
Hexane	8.45	8.42	1.004	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ185-IC185	Q3387.D	05/15/07 17:12	PB	2	GCMSQ	TO-15	
MSQ185-IC185	Q3389.D	05/15/07 18:37	PB	.2	GCMSQ	TO-15	
MSQ185-IC185	Q3390.D	05/15/07 19:16	PB	40	GCMSQ	TO-15	
MSQ185-IC185	Q3391.D	05/15/07 19:56	PB	5	GCMSQ	TO-15	
MSQ185-IC185	Q3392.D	05/16/07 08:18	PB	20	GCMSQ	TO-15	Reporting this level
MSQ185-ICC185	Q3393.D	05/16/07 09:18	PB	10	GCMSQ	TO-15	
MSQ185-IC185	Q3394.D	05/16/07 10:02	PB	.5	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.11	14.70	0.892	ok	0.892	0.832-0.952
Isopropylbenzene	16.48	14.70	1.121	ok	1.121	1.061-1.181
Isopropyl Alcohol	5.43	8.42	0.645	ok	0.646	0.586-0.706
Methylene chloride	6.18	8.42	0.734	ok	0.735	0.675-0.795
Methyl ethyl ketone	7.78	8.42	0.924	ok	0.925	0.865-0.985
Methyl Isobutyl Ketone	11.91	10.34	1.152	ok	1.152	1.092-1.212
Methyl Tert Butyl Ether	7.43	8.42	0.882	ok	0.884	0.824-0.944
Nonane	16.03	14.70	1.090	ok	1.091	1.031-1.151
Pentane	5.75	8.42	0.683	ok	0.685	0.625-0.745
Propylene	3.51	8.42	0.417	ok	0.418	0.358-0.478
Styrene	15.71	14.70	1.069	ok	1.069	1.009-1.129
1,1,1-Trichloroethane	9.55	8.42	1.134	ok	1.134	1.074-1.194
1,1,2,2-Tetrachloroethane	15.82	14.70	1.076	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.60	10.34	1.219	ok	1.218	1.158-1.278
1,2,4-Trichlorobenzene	20.32	14.70	1.382	ok	1.383	1.323-1.443
1,2,4-Trimethylbenzene	17.77	14.70	1.209	ok	1.209	1.149-1.269
1,3,5-Trimethylbenzene	17.31	14.70	1.178	ok	1.178	1.118-1.238
2,2,4-Trimethylpentane	11.07	10.34	1.071	ok	1.071	1.011-1.131
Tertiary Butyl Alcohol	6.08	8.42	0.722	ok	0.723	0.663-0.783
Tetrachloroethylene	14.04	14.70	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	8.95	8.42	1.063	ok	1.064	1.004-1.124
Toluene	12.88	10.34	1.246	ok	1.246	1.186-1.306
Trichloroethylene	11.05	10.34	1.069	ok	1.069	1.009-1.129
Trichlorofluoromethane	5.37	8.42	0.638	ok	0.640	0.580-0.700
Vinyl chloride	3.97	8.42	0.471	ok	0.473	0.413-0.533
Vinyl Acetate	7.53	8.42	0.894	ok	0.894	0.834-0.954
m,p-Xylene	15.33	14.70	1.043	ok	1.043	0.983-1.103
o-Xylene	15.83	14.70	1.077	ok	1.077	1.017-1.137

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.42	ok	8.42	8.09-8.75	107237	ok	105507	63304-147710
1,4-Difluorobenzene	10.34	ok	10.34	10.01-10.67	441646	ok	486071	291643-680499
Chlorobenzene-D5	14.70	ok	14.70	14.37-15.03	414256	ok	429291	257575-601007

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ185-IC185	Q3387.D	05/15/07 17:12	PB	2	GCMSQ	TO-15	
MSQ185-IC185	Q3389.D	05/15/07 18:37	PB	.2	GCMSQ	TO-15	
MSQ185-IC185	Q3390.D	05/15/07 19:16	PB	40	GCMSQ	TO-15	
MSQ185-IC185	Q3391.D	05/15/07 19:56	PB	5	GCMSQ	TO-15	
MSQ185-IC185	Q3392.D	05/16/07 08:18	PB	20	GCMSQ	TO-15	
MSQ185-ICC185	Q3393.D	05/16/07 09:18	PB	10	GCMSQ	TO-15	Reporting this level
MSQ185-IC185	Q3394.D	05/16/07 10:02	PB	.5	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.18	8.42	0.615	ok	0.616	0.556-0.676
1,3-Butadiene	4.12	8.42	0.489	ok	0.489	0.429-0.549
Benzene	10.01	10.34	0.968	ok	0.968	0.908-1.028
Bromodichloromethane	11.01	10.34	1.065	ok	1.065	1.005-1.125
Bromoform	15.42	14.70	1.049	ok	1.049	0.989-1.109
Bromomethane	4.40	8.42	0.523	ok	0.522	0.462-0.582
Bromoethene	4.94	8.42	0.587	ok	0.586	0.526-0.646
Benzyl Chloride	17.93	14.70	1.220	ok	1.220	1.160-1.280
Carbon disulfide	6.52	8.42	0.774	ok	0.774	0.714-0.834
Chlorobenzene	14.74	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	4.57	8.42	0.543	ok	0.542	0.482-0.602
Chloroform	8.55	8.42	1.015	ok	1.015	0.955-1.075
Chloromethane	3.75	8.42	0.445	ok	0.446	0.386-0.506
3-Chloropropene	6.32	8.42	0.751	ok	0.750	0.690-0.810
2-Chlorotoluene	17.03	14.70	1.159	ok	1.159	1.099-1.219
Carbon tetrachloride	10.16	8.42	1.207	ok	1.206	1.146-1.266
Cyclohexane	10.28	10.34	0.994	ok	0.994	0.934-1.054
1,1-Dichloroethane	7.39	8.42	0.878	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.06	8.42	0.720	ok	0.720	0.660-0.780
1,2-Dibromoethane	13.57	14.70	0.923	ok	0.923	0.863-0.983
1,2-Dichloroethane	9.30	8.42	1.105	ok	1.104	1.044-1.164
1,2-Dichloropropane	10.82	10.34	1.046	ok	1.046	0.986-1.106
1,4-Dioxane	11.04	10.34	1.068	ok	1.068	1.008-1.128
Dichlorodifluoromethane	3.59	8.42	0.426	ok	0.426	0.366-0.486
Dibromochloromethane	13.32	14.70	0.906	ok	0.906	0.846-0.966
trans-1,2-Dichloroethylene	7.18	8.42	0.853	ok	0.853	0.793-0.913
cis-1,2-Dichloroethylene	8.25	8.42	0.980	ok	0.979	0.919-1.039
cis-1,3-Dichloropropene	11.90	10.34	1.151	ok	1.151	1.091-1.211
m-Dichlorobenzene	17.96	14.70	1.222	ok	1.222	1.162-1.282
o-Dichlorobenzene	18.42	14.70	1.253	ok	1.253	1.193-1.313
p-Dichlorobenzene	18.03	14.70	1.227	ok	1.227	1.167-1.287
trans-1,3-Dichloropropene	12.41	10.34	1.200	ok	1.200	1.140-1.260
Ethanol	4.67	8.42	0.555	ok	0.555	0.495-0.615
Ethylbenzene	15.13	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.46	8.42	1.005	ok	1.005	0.945-1.065
4-Ethyltoluene	17.22	14.70	1.171	ok	1.172	1.112-1.232
Freon 113	6.47	8.42	0.768	ok	0.768	0.708-0.828
Freon 114	3.85	8.42	0.457	ok	0.458	0.398-0.518
Heptane	11.32	10.34	1.095	ok	1.095	1.035-1.155
Hexachlorobutadiene	20.81	14.70	1.416	ok	1.416	1.356-1.476
Hexane	8.46	8.42	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ185-IC185	Q3387.D	05/15/07 17:12	PB	2	GCMSQ	TO-15	
MSQ185-IC185	Q3389.D	05/15/07 18:37	PB	.2	GCMSQ	TO-15	
MSQ185-IC185	Q3390.D	05/15/07 19:16	PB	40	GCMSQ	TO-15	
MSQ185-IC185	Q3391.D	05/15/07 19:56	PB	5	GCMSQ	TO-15	
MSQ185-IC185	Q3392.D	05/16/07 08:18	PB	20	GCMSQ	TO-15	
MSQ185-ICC185	Q3393.D	05/16/07 09:18	PB	10	GCMSQ	TO-15	Reporting this level
MSQ185-IC185	Q3394.D	05/16/07 10:02	PB	.5	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.11	14.70	0.892	ok	0.892	0.832-0.952
Isopropylbenzene	16.48	14.70	1.121	ok	1.121	1.061-1.181
Isopropyl Alcohol	5.44	8.42	0.646	ok	0.646	0.586-0.706
Methylene chloride	6.19	8.42	0.735	ok	0.735	0.675-0.795
Methyl ethyl ketone	7.79	8.42	0.925	ok	0.925	0.865-0.985
Methyl Isobutyl Ketone	11.91	10.34	1.152	ok	1.152	1.092-1.212
Methyl Tert Butyl Ether	7.44	8.42	0.884	ok	0.884	0.824-0.944
Nonane	16.03	14.70	1.090	ok	1.091	1.031-1.151
Pentane	5.77	8.42	0.685	ok	0.685	0.625-0.745
Propylene	3.52	8.42	0.418	ok	0.418	0.358-0.478
Styrene	15.71	14.70	1.069	ok	1.069	1.009-1.129
1,1,1-Trichloroethane	9.55	8.42	1.134	ok	1.134	1.074-1.194
1,1,2,2-Tetrachloroethane	15.82	14.70	1.076	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.60	10.34	1.219	ok	1.218	1.158-1.278
1,2,4-Trichlorobenzene	20.32	14.70	1.382	ok	1.383	1.323-1.443
1,2,4-Trimethylbenzene	17.77	14.70	1.209	ok	1.209	1.149-1.269
1,3,5-Trimethylbenzene	17.31	14.70	1.178	ok	1.178	1.118-1.238
2,2,4-Trimethylpentane	11.07	10.34	1.071	ok	1.071	1.011-1.131
Tertiary Butyl Alcohol	6.08	8.42	0.722	ok	0.723	0.663-0.783
Tetrachloroethylene	14.04	14.70	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	8.96	8.42	1.064	ok	1.064	1.004-1.124
Toluene	12.88	10.34	1.246	ok	1.246	1.186-1.306
Trichloroethylene	11.05	10.34	1.069	ok	1.069	1.009-1.129
Trichlorofluoromethane	5.39	8.42	0.640	ok	0.640	0.580-0.700
Vinyl chloride	3.98	8.42	0.473	ok	0.473	0.413-0.533
Vinyl Acetate	7.53	8.42	0.894	ok	0.894	0.834-0.954
m,p-Xylene	15.33	14.70	1.043	ok	1.043	0.983-1.103
o-Xylene	15.83	14.70	1.077	ok	1.077	1.017-1.137

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.42	ok	8.42	8.09-8.75	94874	ok	105507	63304-147710
1,4-Difluorobenzene	10.34	ok	10.34	10.01-10.67	466297	ok	486071	291643-680499
Chlorobenzene-D5	14.70	ok	14.70	14.37-15.03	426455	ok	429291	257575-601007

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ185-IC185	Q3387.D	05/15/07 17:12	PB	2	GCMSQ	TO-15	
MSQ185-IC185	Q3389.D	05/15/07 18:37	PB	.2	GCMSQ	TO-15	
MSQ185-IC185	Q3390.D	05/15/07 19:16	PB	40	GCMSQ	TO-15	
MSQ185-IC185	Q3391.D	05/15/07 19:56	PB	5	GCMSQ	TO-15	
MSQ185-IC185	Q3392.D	05/16/07 08:18	PB	20	GCMSQ	TO-15	
MSQ185-ICC185	Q3393.D	05/16/07 09:18	PB	10	GCMSQ	TO-15	
MSQ185-IC185	Q3394.D	05/16/07 10:02	PB	.5	GCMSQ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.19	8.42	0.616	ok	0.616	0.556-0.676
1,3-Butadiene	4.12	8.42	0.489	ok	0.489	0.429-0.549
Benzene	10.01	10.34	0.968	ok	0.968	0.908-1.028
Bromodichloromethane	11.01	10.34	1.065	ok	1.065	1.005-1.125
Bromoform	15.42	14.70	1.049	ok	1.049	0.989-1.109
Bromomethane	4.40	8.42	0.523	ok	0.522	0.462-0.582
Bromoethene	4.94	8.42	0.587	ok	0.586	0.526-0.646
Benzyl Chloride	17.93	14.70	1.220	ok	1.220	1.160-1.280
Carbon disulfide	6.52	8.42	0.774	ok	0.774	0.714-0.834
Chlorobenzene	14.74	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	4.57	8.42	0.543	ok	0.542	0.482-0.602
Chloroform	8.54	8.42	1.014	ok	1.015	0.955-1.075
Chloromethane	3.75	8.42	0.445	ok	0.446	0.386-0.506
3-Chloropropene	6.32	8.42	0.751	ok	0.750	0.690-0.810
2-Chlorotoluene	17.03	14.70	1.159	ok	1.159	1.099-1.219
Carbon tetrachloride	10.16	8.42	1.207	ok	1.206	1.146-1.266
Cyclohexane	10.29	10.34	0.995	ok	0.994	0.934-1.054
1,1-Dichloroethane	7.39	8.42	0.878	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.06	8.42	0.720	ok	0.720	0.660-0.780
1,2-Dibromoethane	13.57	14.70	0.923	ok	0.923	0.863-0.983
1,2-Dichloroethane	9.29	8.42	1.103	ok	1.104	1.044-1.164
1,2-Dichloropropane	10.82	10.34	1.046	ok	1.046	0.986-1.106
1,4-Dioxane	11.04	10.34	1.068	ok	1.068	1.008-1.128
Dichlorodifluoromethane	3.59	8.42	0.426	ok	0.426	0.366-0.486
Dibromochloromethane	13.32	14.70	0.906	ok	0.906	0.846-0.966
trans-1,2-Dichloroethylene	7.18	8.42	0.853	ok	0.853	0.793-0.913
cis-1,2-Dichloroethylene	8.25	8.42	0.980	ok	0.979	0.919-1.039
cis-1,3-Dichloropropene	11.90	10.34	1.151	ok	1.151	1.091-1.211
m-Dichlorobenzene	17.96	14.70	1.222	ok	1.222	1.162-1.282
o-Dichlorobenzene	18.42	14.70	1.253	ok	1.253	1.193-1.313
p-Dichlorobenzene	18.03	14.70	1.227	ok	1.227	1.167-1.287
trans-1,3-Dichloropropene	12.41	10.34	1.200	ok	1.200	1.140-1.260
Ethanol	4.67	8.42	0.555	ok	0.555	0.495-0.615
Ethylbenzene	15.13	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.46	8.42	1.005	ok	1.005	0.945-1.065
4-Ethyltoluene	17.22	14.70	1.171	ok	1.172	1.112-1.232
Freon 113	6.47	8.42	0.768	ok	0.768	0.708-0.828
Freon 114	3.85	8.42	0.457	ok	0.458	0.398-0.518
Heptane	11.32	10.34	1.095	ok	1.095	1.035-1.155
Hexachlorobutadiene	20.81	14.70	1.416	ok	1.416	1.356-1.476
Hexane	8.46	8.42	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ185-IC185	Q3387.D	05/15/07 17:12	PB	2	GCMSQ	TO-15	
MSQ185-IC185	Q3389.D	05/15/07 18:37	PB	.2	GCMSQ	TO-15	
MSQ185-IC185	Q3390.D	05/15/07 19:16	PB	40	GCMSQ	TO-15	
MSQ185-IC185	Q3391.D	05/15/07 19:56	PB	5	GCMSQ	TO-15	
MSQ185-IC185	Q3392.D	05/16/07 08:18	PB	20	GCMSQ	TO-15	
MSQ185-ICC185	Q3393.D	05/16/07 09:18	PB	10	GCMSQ	TO-15	
MSQ185-IC185	Q3394.D	05/16/07 10:02	PB	.5	GCMSQ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.12	14.70	0.893	ok	0.892	0.832-0.952
Isopropylbenzene	16.48	14.70	1.121	ok	1.121	1.061-1.181
Isopropyl Alcohol	5.45	8.42	0.647	ok	0.646	0.586-0.706
Methylene chloride	6.19	8.42	0.735	ok	0.735	0.675-0.795
Methyl ethyl ketone	7.80	8.42	0.926	ok	0.925	0.865-0.985
Methyl Isobutyl Ketone	11.92	10.34	1.153	ok	1.152	1.092-1.212
Methyl Tert Butyl Ether	7.44	8.42	0.884	ok	0.884	0.824-0.944
Nonane	16.03	14.70	1.090	ok	1.091	1.031-1.151
Pentane	5.77	8.42	0.685	ok	0.685	0.625-0.745
Propylene	3.52	8.42	0.418	ok	0.418	0.358-0.478
Styrene	15.71	14.70	1.069	ok	1.069	1.009-1.129
1,1,1-Trichloroethane	9.55	8.42	1.134	ok	1.134	1.074-1.194
1,1,2,2-Tetrachloroethane	15.81	14.70	1.076	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.59	10.34	1.218	ok	1.218	1.158-1.278
1,2,4-Trichlorobenzene	20.32	14.70	1.382	ok	1.383	1.323-1.443
1,2,4-Trimethylbenzene	17.78	14.70	1.210	ok	1.209	1.149-1.269
1,3,5-Trimethylbenzene	17.31	14.70	1.178	ok	1.178	1.118-1.238
2,2,4-Trimethylpentane	11.07	10.34	1.071	ok	1.071	1.011-1.131
Tertiary Butyl Alcohol	6.10	8.42	0.724	ok	0.723	0.663-0.783
Tetrachloroethylene	14.04	14.70	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	8.96	8.42	1.064	ok	1.064	1.004-1.124
Toluene	12.88	10.34	1.246	ok	1.246	1.186-1.306
Trichloroethylene	11.05	10.34	1.069	ok	1.069	1.009-1.129
Trichlorofluoromethane	5.39	8.42	0.640	ok	0.640	0.580-0.700
Vinyl chloride	3.98	8.42	0.473	ok	0.473	0.413-0.533
Vinyl Acetate	7.53	8.42	0.894	ok	0.894	0.834-0.954
m,p-Xylene	15.32	14.70	1.042	ok	1.043	0.983-1.103
o-Xylene	15.83	14.70	1.077	ok	1.077	1.017-1.137

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.42	ok	8.42	8.09-8.75	123785	ok	105507	63304-147710
1,4-Difluorobenzene	10.34	ok	10.34	10.01-10.67	544363	ok	486071	291643-680499
Chlorobenzene-D5	14.70	ok	14.70	14.37-15.03	433498	ok	429291	257575-601007

Volatile Surrogate Recovery Summary

Job Number: M64701
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1
M64701-1	Q3399.D	83.0
M64701-1	J10324.D	93.0
M64644-1DUP	J10320.D	85.0
M64698-2RDUP	Q3402.D	83.0
MSJ518-SCC	J10035.D	77.0
MSJ534-BS	J10313A.D	109.0
MSJ534-MB	J10315.D	91.0
MSQ186-BS	Q3396A.D	105.0
MSQ186-MB	Q3398.D	86.0
MSJ518-BS	J10018A.D	108.0
MSJ518-MB	J10019.D	80.0

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

Initial Calibration Summary

Job Number: M64701 **Sample:** MSJ513-ICC513
Account: GEI GEI Consultants, Inc. **Lab FileID:** J9928.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Response Factor Report MSJ

Method : C:\MSDCHEM\1\METHODS\J040507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 17:22:46 2007
Response via : Initial Calibration

Calibration Files
40 =J9929.D 20 =J9930.D 10 =J9928.D 5 =J9931.D
2 =J9932.D .5 =J9933.D .2 =J9934.D 4 =J9648.D

Compound	40	20	10	5	2	.5	.2	4	Avg	%RSD
1) I BROMOCHLOROMETHANE	----------ISTD----------									
2) DICHLORODIFL	2.151	2.249	2.208	2.240	2.550	2.402	2.073		2.268	7.06
3) PROPYLENE	0.326	0.359	0.358	0.378	0.415	0.355	0.312		0.358	9.40
4) FREON 114	1.882	1.950	1.813	1.917	2.127	1.951	1.751		1.913	6.26
5) CHLOROMETHAN	0.434	0.484	0.462	0.510	0.598	0.565	0.531		0.512	11.24
6) VINYL CHLORI	0.506	0.550	0.519	0.567	0.616	0.534	0.451		0.535	9.63
7) 1,3-BUTADIEN	0.445	0.474	0.473	0.493	0.527	0.376	0.308		0.442	17.04
8) BROMOMETHANE	0.572	0.606	0.570	0.587	0.663	0.614	0.543		0.594	6.50
9) CHLOROETHANE	0.230	0.256	0.225	0.236	0.306	0.245	0.228		0.247	11.53
10) TRICHLOROFLU	2.422	2.452	2.423	2.357	2.704	2.408	2.419		2.455	4.62
11) ISOPROPYL AL	0.754	0.819	0.690	0.651	1.543	1.257	1.101		0.974	34.53
----- Linear regression ----- Coefficient = 0.9940										
Response Ratio = 0.03121 + 0.75218 *A										
12) ACETONE	0.747	0.797	0.701	0.707	1.611	1.304	1.244		1.016	36.04
----- Linear regression ----- Coefficient = 0.9951										
Response Ratio = 0.04277 + 0.73984 *A										
13) PENTANE	0.492	0.527	0.513	0.539	0.639	0.605	0.623		0.563	10.40
14) 1,1-DICHLORO	0.599	0.620	0.577	0.558	0.644	0.531	0.467		0.571	10.37
15) CARBON DISUL	1.744	1.813	1.776	1.774	2.081	1.929	1.754		1.839	6.73
16) ETHANOL	0.122	0.130	0.113	0.118	0.346	0.279	0.225		0.190	49.20
----- Quadratic regression ----- Coefficient = 0.9902										
Response Ratio = 0.01250 + 0.11657 *A + 0.00074 *A^2										
17) BROMOETHENE	0.591	0.613	0.563	0.551	0.596	0.491	0.422		0.547	12.45
18) METHYLENE CH	0.563	0.572	0.532	0.535	0.879	0.883	0.974		0.705	27.80
19) 3-CHLOROPROP	0.584	0.571	0.541	0.514	0.659	0.506	0.531		0.558	9.48
20) FREON 113	1.497	1.416	1.283	1.170	1.391	1.201	1.150		1.301	10.41
21) TRANS-1,2-DI	0.680	0.683	0.641	0.622	0.698	0.570	0.512		0.630	10.81
22) TERTIARY BUT	1.079	1.134	0.958	0.859	1.193	0.915	0.665		0.972	18.65
23) METHYL TERTI	1.491	1.526	1.327	1.257	1.658	1.195	0.929		1.340	18.16
24) TETRAHYDROFU	0.425	0.433	0.374	0.355	0.482	0.287	0.198		0.365	26.50
25) HEXANE	0.775	0.765	0.743	0.737	1.026	0.895	0.970		0.844	14.04
26) VINYL ACETAT	0.956	0.960	0.819	0.790	1.103	0.834	0.667		0.876	16.24
27) 1,1-DICHLORO	1.156	1.165	1.085	1.077	1.398	1.225	1.036		1.163	10.46
28) METHYL ETHYL	0.870	0.907	0.817	0.798	1.498	1.105	0.869		0.980	25.44
29) cis-1,2-DICH	0.766	0.753	0.689	0.663	0.799	0.666	0.573		0.701	11.03
30) ETHYL ACETAT	0.953	0.985	0.884	0.856	1.388	1.006	0.992		1.009	17.47
31) CHLOROFORM	1.919	1.913	1.861	1.793	2.330	2.019	1.781		1.945	9.67
32) 1,1,1-TRICHL	1.771	1.608	1.465	1.325	1.780	1.397	1.256		1.515	13.86
33) CARBON TETRA	2.238	2.025	1.852	1.673	2.065	1.760	1.616		1.890	12.03
34) 1,2-DICHLORO	0.849	0.836	0.752	0.718	0.894	0.691	0.626		0.767	12.59
35) I 1,4-DIFLUOROBENZENE	----------ISTD----------									
36) BENZENE	0.534	0.496	0.444	0.402	0.573	0.383	0.308		0.448	20.62

Initial Calibration Summary

Job Number: M64701 **Sample:** MSJ513-ICC513
Account: GEI GEI Consultants, Inc. **Lab FileID:** J9928.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
37) CYCLOHEXANE  0.245 0.233 0.217 0.195 0.234 0.141 0.108       0.196  26.65
38) TRICHLOROETH       0.315 0.262 0.232 0.292 0.211 0.140       0.242  25.97
39) 1,2-DICHLORO 0.192 0.175 0.155 0.144 0.209 0.146 0.133       0.165  16.86
40) BROMODICHLOR 0.661 0.576 0.481 0.443 0.599 0.464 0.383       0.515  19.18
41) 2,2,4-TRIMET 1.084 0.952 0.845 0.718 1.056 0.625 0.434       0.816  29.20
42) 1,4-DIOXANE  0.095 0.093 0.074 0.057 0.124 0.050             0.082  33.30
            ----- Linear regression -----  Coefficient =  0.9947
              Response Ratio = -0.00842 + 0.09649 *A

43) HEPTANE      0.320 0.299 0.270 0.249 0.333 0.199 0.144       0.259  26.29
44) METHYL ISOBU 0.428 0.420 0.357 0.316 0.438 0.196 0.125       0.326  37.64
            ----- Linear regression -----  Coefficient =  0.9979
              Response Ratio = -0.02661 + 0.43150 *A

45) cis-1,3-DICH 0.298 0.282 0.242 0.206 0.207 0.116 0.083       0.205  39.22
            ----- Linear regression -----  Coefficient =  0.9976
              Response Ratio = -0.02707 + 0.30126 *A

46) TOLUENE      0.429 0.357 0.300 0.267 0.339 0.185 0.149       0.290  33.88
            ----- Linear regression -----  Coefficient =  0.9902
              Response Ratio = -0.05318 + 0.42689 *A

47) trans-1,3-DI 0.260 0.242 0.196 0.164 0.126 0.067 0.032       0.155  55.22
            ----- Linear regression -----  Coefficient =  0.9962
              Response Ratio = -0.03099 + 0.26364 *A

48) 1,1,2-TRICHL 0.216 0.198 0.167 0.154 0.206 0.142 0.127       0.173  19.79

49) I   CHLOROBENZENE-D5      ----------------ISTD---------------------
50) 2-HEXANONE   0.429 0.413 0.333 0.291 0.433 0.189 0.126       0.316  38.54
            ----- Linear regression -----  Coefficient =  0.9964
              Response Ratio = -0.03432 + 0.43259 *A

51) TETRACHLOROE       0.366 0.266 0.233 0.293 0.220 0.165       0.257  26.79
52) DIBROMOCHLOR 0.798 0.688 0.537 0.484 0.641 0.464 0.357       0.567  26.57
53) 1,2-DIBROMOE 0.507 0.450 0.353 0.319 0.329 0.219 0.154       0.333  36.63
            ----- Linear regression -----  Coefficient =  0.9934
              Response Ratio = -0.06224 + 0.50902 *A

54) CHLOROBENZEN 0.700 0.627 0.509 0.471 0.475 0.359 0.289       0.490  29.04
55) ETHYLBENZENE 1.219 1.052 0.847 0.741 0.820 0.380 0.287       0.764  43.94
         ----- Quadratic regression -----                Coefficient =  0.9994
              Response Ratio = -0.03348 + 0.84744 *A + 0.09570 *A^2

56) m,p-XYLENE   0.545 0.442 0.337 0.291 0.316 0.146 0.086       0.309  51.38
         ----- Quadratic regression -----                Coefficient =  0.9995
              Response Ratio = -0.02686 + 0.32212 *A + 0.02847 *A^2

57) o-XYLENE     0.626 0.513 0.378 0.309 0.356 0.144 0.100       0.347  53.94
         ----- Quadratic regression -----                Coefficient =  0.9991
              Response Ratio = -0.01997 + 0.37428 *A + 0.06451 *A^2

58) STYRENE      0.718 0.597 0.456 0.344 0.151 0.059             0.387  65.59
         ----- Quadratic regression -----                Coefficient =  0.9993
              Response Ratio = -0.05968 + 0.48429 *A + 0.06245 *A^2

59) NONANE       0.617 0.587 0.506 0.460 0.622 0.268 0.163       0.460  39.05
            ----- Linear regression -----  Coefficient =  0.9976
              Response Ratio = -0.04227 + 0.61966 *A
```

Initial Calibration Summary

Job Number: M64701 **Sample:** MSJ513-ICC513
Account: GEI GEI Consultants, Inc. **Lab FileID:** J9928.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
60) BROMOFORM    0.858 0.679 0.490 0.404 0.506 0.316 0.247       0.500  42.24
         ----- Quadratic regression -----                Coefficient =  0.9992
              Response Ratio = -0.01822 + 0.46168 *A + 0.10071 *A^2

61) 4-BROMOFLUOR 0.757 0.715 0.664 0.592 0.559 0.464 0.443       0.599  20.08
62) 1,1,2,2-TETR       0.779 0.607 0.516 0.841 0.498 0.371       0.602  29.72
63) ISOPROPYLBEN 1.782 1.483 1.113 0.905 1.127 0.484 0.325       1.031  50.01
         ----- Quadratic regression -----                Coefficient =  0.9991
              Response Ratio = -0.05335 + 1.10578 *A + 0.17360 *A^2

64) 2-CHLOROTOLU 1.252 1.042 0.778 0.611 0.601 0.269 0.200       0.679  56.34
         ----- Quadratic regression -----                Coefficient =  0.9990
              Response Ratio = -0.05130 + 0.78456 *A + 0.12095 *A^2

65) 4-ETHYLTOLUE 1.585 1.270 0.900 0.672 0.571 0.230 0.144       0.768  68.61
         ----- Quadratic regression -----                Coefficient =  0.9990
              Response Ratio = -0.07188 + 0.89451 *A + 0.17837 *A^2

66) 1,3,5-TRIMET 1.589 1.287 0.908 0.700 0.859 0.299 0.199       0.835  59.68
         ----- Quadratic regression -----                Coefficient =  0.9988
              Response Ratio = -0.05716 + 0.90615 *A + 0.17555 *A^2

67) 1,2,4-TRIMET 1.539 1.218 0.850 0.622 0.599 0.197 0.144       0.738  69.12
         ----- Quadratic regression -----                Coefficient =  0.9989
              Response Ratio = -0.06616 + 0.83550 *A + 0.18110 *A^2

68) m-DICHLOROBE 1.077 0.788 0.535 0.396 0.198 0.108 0.064       0.452  83.06
         ----- Quadratic regression -----                Coefficient =  0.9994
              Response Ratio = -0.04302 + 0.47458 *A + 0.15394 *A^2

69) BENZYL CHLOR 0.833 0.660 0.463 0.329 0.122 0.077 0.050       0.362  84.30
         ----- Quadratic regression -----                Coefficient =  0.9988
              Response Ratio = -0.04832 + 0.46417 *A + 0.09582 *A^2

70) p-DICHLOROBE 0.945 0.706 0.485 0.360 0.124 0.059 0.036       0.388  89.51
         ----- Quadratic regression -----                Coefficient =  0.9993
              Response Ratio = -0.04432 + 0.44728 *A + 0.12788 *A^2

71) o-DICHLOROBE 0.984 0.718 0.477 0.344 0.258 0.126 0.106       0.431  75.06
         ----- Quadratic regression -----                Coefficient =  0.9993
              Response Ratio = -0.03507 + 0.42021 *A + 0.14387 *A^2

72) HEXACHLOROBU 0.579 0.332 0.197 0.154 1.109 0.656 0.489       0.502  65.10
         ----- Quadratic regression -----                Coefficient =  0.9933
              Response Ratio = 0.06691 + 0.02213 *A + 0.13520 *A^2

73) 1,2,4-TRICHL 0.218 0.155 0.097 0.073 0.065 0.039 0.032       0.097  69.39
         ----- Quadratic regression -----                Coefficient =  0.9992
              Response Ratio = -0.00628 + 0.08312 *A + 0.03433 *A^2

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

          J040507T.M        Fri Apr 06 09:43:08 2007
```

Initial Calibration Verification

Job Number: M64701 **Sample:** MSJ513-ICV513
Account: GEI GEI Consultants, Inc. **Lab FileID:** J9935.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\J9935.D Vial: 4
Acq On : 5 Apr 2007 5:39 pm Operator: PhilipB
Sample : ICV513-10 (M119) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\J040507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 17:22:46 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	104	0.00	8.63
2	m	DICHLORODIFLUOROMETHANE	2.268	2.179	3.9	103	0.00	4.07
3	m	PROPYLENE	0.358	0.417	-16.5	122	0.00	3.99
4	m	FREON 114	1.913	1.878	1.8	108	0.00	4.33
5	m	CHLOROMETHANE	0.512	0.545	-6.4	123	0.00	4.23
6	m	VINYL CHLORIDE	0.535	0.590	-10.3	119	0.00	4.45
7	m	1,3-BUTADIENE	0.442	0.535	-21.0	118	0.00	4.58
8	m	BROMOMETHANE	0.594	0.590	0.7	108	0.00	4.86
9	m	CHLOROETHANE	0.247	0.263	-6.5	122	0.00	5.03
10	m	TRICHLOROFLUOROMETHANE	2.455	2.317	5.6	100	0.00	5.80
		----------	True	Calc.	% Drift	----------		
11	m	ISOPROPYL ALCOHOL	10.000	9.319	6.8	111	0.00	5.92
12	m	ACETONE	10.000	9.994	0.1	117	0.00	5.65
		----------	AvgRF	CCRF	% Dev	----------		
13	m	PENTANE	0.563	0.605	-7.5	123	0.00	6.14
14	m	1,1-DICHLOROETHYLENE	0.571	0.584	-2.3	106	0.00	6.43
15	m	CARBON DISULFIDE	1.839	1.884	-2.4	111	0.00	6.85
		----------	True	Calc.	% Drift	----------		
16	m	ETHANOL	10.000	8.998	10.0	109	0.00	5.18
		----------	AvgRF	CCRF	% Dev	----------		
17	m	BROMOETHENE	0.547	0.557	-1.8	103	0.00	5.39
18	m	METHYLENE CHLORIDE	0.705	0.563	20.1	110	0.00	6.55
19	m	3-CHLOROPROPENE	0.558	0.569	-2.0	110	0.00	6.66
20	m	FREON 113	1.301	1.217	6.5	99	0.00	6.80
21	m	TRANS-1,2-DICHLOROETHYLEN	0.630	0.649	-3.0	106	0.00	7.46
22	m	TERTIARY BUTYL ALCOHOL	0.972	0.957	1.5	104	0.00	6.51
23	m	METHYL TERTIARY BUTYL ETH	1.340	1.337	0.2	105	0.00	7.73
24	m	TETRAHYDROFURAN	0.365	0.424	-16.2	118	0.00	9.18
25	m	HEXANE	0.844	0.799	5.3	112	0.00	8.63
26	m	VINYL ACETATE	0.876	0.893	-1.9	114	0.00	7.80
27	m	1,1-DICHLOROETHANE	1.163	1.165	-0.2	112	0.00	7.66
28	m	METHYL ETHYL KETONE	0.980	0.900	8.2	115	0.00	8.07
29	m	cis-1,2-DICHLOROETHYLENE	0.701	0.729	-4.0	110	0.00	8.46
30	m	ETHYL ACETATE	1.009	0.979	3.0	116	0.00	8.69
31	m	CHLOROFORM	1.945	1.952	-0.4	109	0.00	8.75
32	m	1,1,1-TRICHLOROETHANE	1.515	1.445	4.6	103	0.00	9.69
33	m	CARBON TETRACHLORIDE	1.890	1.816	3.9	102	0.00	10.26
34	m	1,2-DICHLOROETHANE	0.767	0.769	-0.3	107	0.00	9.45

Initial Calibration Verification

Job Number: M64701 **Sample:** MSJ513-ICV513
Account: GEI GEI Consultants, Inc. **Lab FileID:** J9935.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	109	0.00	10.44
36	m	BENZENE	0.448	0.464	-3.6	114	0.00	10.13
37	m	CYCLOHEXANE	0.196	0.223	-13.8	113	0.00	10.37
38	m	TRICHLOROETHYLENE	0.242	0.276	-14.0	115	0.00	11.12
39	m	1,2-DICHLOROPROPANE	0.165	0.173	-4.8	122	0.00	10.90
40	m	BROMODICHLOROMETHANE	0.515	0.502	2.5	114	0.00	11.09
41	m	2,2,4-TRIMETHYLPENTANE	0.816	0.958	-17.4	124	0.00	11.12
		----------	True	Calc.	% Drift	----------		
42	m	1,4-DIOXANE	10.000	8.852	11.5	113	0.00	11.17
		----------	AvgRF	CCRF	% Dev	----------		
43	m	HEPTANE	0.259	0.318	-22.8	129	0.00	11.36
		----------	True	Calc.	% Drift	----------		
44	m	METHYL ISOBUTYL KETONE	10.000	9.975	0.3	124	0.00	11.99
45	m	cis-1,3-DICHLOROPROPENE	10.000	9.200	8.0	113	0.00	11.94
46	m	TOLUENE	10.000	8.660	13.4	115	0.00	12.89
47	m	trans-1,3-DICHLOROPROPENE	10.000	8.812	11.9	112	0.00	12.45
		----------	AvgRF	CCRF	% Dev	----------		
48	m	1,1,2-TRICHLOROETHANE	0.173	0.181	-4.6	119	0.00	12.63
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	111	0.00	14.67
		----------	True	Calc.	% Drift	----------		
50	m	2-HEXANONE	10.000	9.150	8.5	120	0.00	13.16
		----------	AvgRF	CCRF	% Dev	----------		
51	m	TETRACHLOROETHYLENE	0.257	0.260	-1.2	108	0.00	14.02
52	m	DIBROMOCHLOROMETHANE	0.567	0.528	6.9	109	0.00	13.33
		----------	True	Calc.	% Drift	----------		
53	m	1,2-DIBROMOETHANE	10.000	8.290	17.1	113	0.00	13.57
		----------	AvgRF	CCRF	% Dev	----------		
54	m	CHLOROBENZENE	0.429	0.527	-22.8	115	0.00	14.72
		----------	True	Calc.	% Drift	----------		
55	m	ETHYLBENZENE	10.000	9.756	2.4	116	0.00	15.09
56	m	m,p-XYLENE	20.000	19.491	2.5	117	0.00	15.29
57	m	o-XYLENE	10.000	9.528	4.7	116	0.00	15.79
58	m	STYRENE	10.000	9.599	4.0	113	0.00	15.67
59	m	NONANE	10.000	10.456	-4.6	133	0.00	15.97
60	m	BROMOFORM	10.000	9.081	9.2	110	0.00	15.40
		----------	AvgRF	CCRF	% Dev	----------		
61	S	4-BROMOFLUOROBENZENE	0.524	0.672	-28.2	112	0.00	16.30
62	m	1,1,2,2-TETRACHLOROETHANE	0.602	0.682	-13.3	125	0.00	15.79
		----------	True	Calc.	% Drift	----------		
63	m	ISOPROPYLBENZENE	10.000	9.505	4.9	115	0.00	16.43
64	m	2-CHLOROTOLUENE	10.000	9.628	3.7	116	0.00	16.98
65	m	4-ETHYLTOLUENE	10.000	9.439	5.6	115	0.00	17.17
66	m	1,3,5-TRIMETHYLBENZENE	10.000	9.344	6.6	115	0.00	17.26
67	m	1,2,4-TRIMETHYLBENZENE	10.000	9.280	7.2	113	0.00	17.72
68	m	m-DICHLOROBENZENE	10.000	9.390	6.1	112	0.00	17.91
69	m	BENZYL CHLORIDE	10.000	9.502	5.0	115	0.00	17.89
70	m	p-DICHLOROBENZENE	10.000	9.356	6.4	111	0.00	17.99

Initial Calibration Verification

Job Number: M64701 **Sample:** MSJ513-ICV513
Account: GEI GEI Consultants, Inc. **Lab FileID:** J9935.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

71 m	o-DICHLOROBENZENE	10.000	9.183	8.2	110	0.00	18.37
72 m	HEXACHLOROBUTADIENE	10.000	8.562	14.4	104	0.00	20.77
73 m	1,2,4-TRICHLOROBENZENE	10.000	8.827	11.7	107	0.00	20.28

		AvgRF	CCRF	% Dev
74 m	NAPHTHALENE			NA

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

(#) = Out of Range SPCC's out = 0 CCC's out = 0
J9928.D J040507T.M Fri Apr 06 09:40:59 2007

Continuing Calibration Summary

Job Number: M64701 **Sample:** MSJ518-CC513
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10018.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\J10018.D Vial: 1
Acq On : 13 Apr 2007 9:41 am Operator: PhilipB
Sample : CC513-10 (M119) Inst : MSJ
Misc : MS13373, MSJ518,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\J040507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 17:22:46 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	77	-0.04	8.59
2	m	DICHLORODIFLUOROMETHANE	2.268	2.542	-12.1	88	0.00	4.06
3	m	PROPYLENE	0.358	0.416	-16.2	89	0.00	3.99
4	m	FREON 114	1.913	1.907	0.3	81	-0.01	4.32
5	m	CHLOROMETHANE	0.512	0.504	1.6	84	0.00	4.23
6	m	VINYL CHLORIDE	0.535	0.497	7.1	73	0.00	4.44
7	m	1,3-BUTADIENE	0.442	0.521	-17.9	85	-0.01	4.57
8	m	BROMOMETHANE	0.594	0.535	9.9	72	-0.01	4.85
9	m	CHLOROETHANE	0.247	0.225	8.9	77	-0.02	5.01
10	m	TRICHLOROFLUOROMETHANE	2.455	2.736	-11.4	87	-0.02	5.77
		----------	True	Calc.	% Drift	----------		
11	m	ISOPROPYL ALCOHOL	10.000	7.882	21.2	69	-0.03	5.89
12	m	ACETONE	10.000	10.534	-5.3	90	-0.02	5.63
		----------	AvgRF	CCRF	% Dev	----------		
13	m	PENTANE	0.563	0.417	25.9	62	-0.03	6.12
14	m	1,1-DICHLOROETHYLENE	0.571	0.486	14.9	65	-0.03	6.40
15	m	CARBON DISULFIDE	1.839	1.360	26.0	59	-0.03	6.82
		----------	True	Calc.	% Drift	----------		
16	m	ETHANOL	10.000	8.305	17.0	74	-0.02	5.17
		----------	AvgRF	CCRF	% Dev	----------		
17	m	BROMOETHENE	0.547	0.508	7.1	69	-0.02	5.37
18	m	METHYLENE CHLORIDE	0.705	0.447	36.6#	64	-0.03	6.53
19	m	3-CHLOROPROPENE	0.558	0.566	-1.4	80	-0.03	6.63
20	m	FREON 113	1.301	1.261	3.1	75	-0.04	6.76
21	m	TRANS-1,2-DICHLOROETHYLEN	0.630	0.525	16.7	63	-0.03	7.43
22	m	TERTIARY BUTYL ALCOHOL	0.972	0.781	19.7	63	-0.03	6.49
23	m	METHYL TERTIARY BUTYL ETH	1.340	1.159	13.5	67	-0.03	7.70
24	m	TETRAHYDROFURAN	0.365	0.402	-10.1	83	-0.03	9.15
25	m	HEXANE	0.844	0.626	25.8	65	-0.04	8.60
26	m	VINYL ACETATE	0.876	0.716	18.3	67	-0.03	7.77
27	m	1,1-DICHLOROETHANE	1.163	0.910	21.8	64	-0.04	7.62
28	m	METHYL ETHYL KETONE	0.980	0.697	28.9	65	-0.04	8.04
29	m	cis-1,2-DICHLOROETHYLENE	0.701	0.637	9.1	71	-0.04	8.43
30	m	ETHYL ACETATE	1.009	0.857	15.1	74	-0.03	8.66
31	m	CHLOROFORM	1.945	2.081	-7.0	86	-0.03	8.72
32	m	1,1,1-TRICHLOROETHANE	1.515	1.762	-16.3	92	-0.03	9.66
33	m	CARBON TETRACHLORIDE	1.890	2.390	-26.5	99	-0.03	10.23
34	m	1,2-DICHLOROETHANE	0.767	0.891	-16.2	91	-0.03	9.43

Continuing Calibration Summary

Job Number: M64701 **Sample:** MSJ518-CC513
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10018.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	72	-0.03	10.42
36	m	BENZENE	0.448	0.483	-7.8	78	-0.03	10.10
37	m	CYCLOHEXANE	0.196	0.229	-16.8	76	-0.02	10.35
38	m	TRICHLOROETHYLENE	0.242	0.294	-21.5	81	-0.02	11.10
39	m	1,2-DICHLOROPROPANE	0.165	0.172	-4.2	79	-0.02	10.88
40	m	BROMODICHLOROMETHANE	0.515	0.637	-23.7	95	-0.02	11.07
41	m	2,2,4-TRIMETHYLPENTANE	0.816	0.818	-0.2	69	-0.03	11.10
		----------	True	Calc.	% Drift	----------		
42	m	1,4-DIOXANE	10.000	9.362	6.4	79	-0.02	11.15
		----------	AvgRF	CCRF	% Dev	----------		
43	m	HEPTANE	0.259	0.320	-23.6	85	-0.02	11.34
		----------	True	Calc.	% Drift	----------		
44	m	METHYL ISOBUTYL KETONE	10.000	11.427	-14.3	94	-0.02	11.97
45	m	cis-1,3-DICHLOROPROPENE	10.000	9.264	7.4	75	-0.02	11.92
46	m	TOLUENE	10.000	8.933	10.7	78	-0.01	12.88
47	m	trans-1,3-DICHLOROPROPENE	10.000	11.060	-10.6	95	-0.02	12.43
		----------	AvgRF	CCRF	% Dev	----------		
48	m	1,1,2-TRICHLOROETHANE	0.173	0.193	-11.6	83	-0.02	12.61
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	72	-0.01	14.67
		----------	True	Calc.	% Drift	----------		
50	m	2-HEXANONE	10.000	11.462	-14.6	99	-0.01	13.15
		----------	AvgRF	CCRF	% Dev	----------		
51	m	TETRACHLOROETHYLENE	0.257	0.279	-8.6	75	-0.01	14.01
52	m	DIBROMOCHLOROMETHANE	0.567	0.703	-24.0	94	-0.02	13.31
		----------	True	Calc.	% Drift	----------		
53	m	1,2-DIBROMOETHANE	10.000	9.199	8.0	82	-0.02	13.56
		----------	AvgRF	CCRF	% Dev	----------		
54	m	CHLOROBENZENE	0.429	0.586	-36.6#	82	-0.01	14.71
		----------	True	Calc.	% Drift	----------		
55	m	ETHYLBENZENE	10.000	10.558	-5.6	82	0.00	15.09
56	m	m,p-XYLENE	20.000	19.925	0.4	77	0.00	15.28
57	m	o-XYLENE	10.000	9.466	5.3	74	0.00	15.78
58	m	STYRENE	10.000	9.941	0.6	76	0.00	15.67
59	m	NONANE	10.000	9.586	4.1	78	0.00	15.97
60	m	BROMOFORM	10.000	10.548	-5.5	85	0.00	15.39
		----------	AvgRF	CCRF	% Dev	----------		
61	S	4-BROMOFLUOROBENZENE	0.524	0.647	-23.5	70	0.00	16.29
62	m	1,1,2,2-TETRACHLOROETHANE	0.602	0.626	-4.0	74	0.00	15.79
		----------	True	Calc.	% Drift	----------		
63	m	ISOPROPYLBENZENE	10.000	10.187	-1.9	81	0.00	16.42
64	m	2-CHLOROTOLUENE	10.000	10.109	-1.1	80	0.00	16.98
65	m	4-ETHYLTOLUENE	10.000	10.715	-7.1	87	0.00	17.17
66	m	1,3,5-TRIMETHYLBENZENE	10.000	10.355	-3.6	84	0.00	17.25
67	m	1,2,4-TRIMETHYLBENZENE	10.000	10.089	-0.9	81	0.00	17.72
68	m	m-DICHLOROBENZENE	10.000	9.576	4.2	74	0.00	17.91
69	m	BENZYL CHLORIDE	10.000	11.136	-11.4	91	0.00	17.89
70	m	p-DICHLOROBENZENE	10.000	9.420	5.8	72	0.00	17.98

Continuing Calibration Summary

Job Number: M64701 **Sample:** MSJ518-CC513
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10018.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

71 m	o-DICHLOROBENZENE	10.000	9.440	5.6	73	0.00	18.37
72 m	HEXACHLOROBUTADIENE	10.000	11.325	-13.2	97	0.00	20.76
73 m	1,2,4-TRICHLOROBENZENE	10.000	11.378	-13.8	98	0.00	20.28

		AvgRF	CCRF	% Dev
74 m	NAPHTHALENE			NA

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

(#) = Out of Range SPCC's out = 0 CCC's out = 0
J9928.D J040507T.M Fri Apr 13 10:54:41 2007

Initial Calibration Summary

Job Number: M64701 **Sample:** MSJ533-ICC533
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10281.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Response Factor Report MSJ

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 11:09:51 2007
Response via : Initial Calibration

Calibration Files
40 =J10279.D 20 =J10280.D 10 =J10281.D 5 =J10282.D
2 =J10283.D .5 =J10278.D .2 =J10277.D 4 =J10094.D

Compound	40	20	10	5	2	.5	.2	4	Avg	%RSD
1) I BROMOCHLOROMETHANE	----------ISTD----------									
2) DICHLORODIFL	3.120	3.273	3.238	3.596	3.635	3.947	3.789		3.514	8.80
3) PROPYLENE	0.441	0.464	0.450	0.457	0.379	0.218			0.402	23.69
4) FREON 114	2.706	2.781	2.678	2.746	3.317	3.295	3.221		2.963	10.03
5) CHLOROMETHAN	0.602	0.633	0.604	0.652	0.731	0.673	0.672		0.652	6.91
6) VINYL CHLORI	0.763	0.812	0.777	0.773	0.816	0.980	0.812		0.819	9.06
7) 1,3-BUTADIEN	0.552	0.559	0.516	0.517	0.534	0.488	0.294		0.494	18.50
8) BROMOMETHANE	0.932	0.971	0.917	0.948	1.092	1.087	0.996		0.992	7.20
9) CHLOROETHANE	0.367	0.372	0.350	0.338	0.318	0.384	0.206		0.334	18.18
10) TRICHLOROFLU	3.269	3.266	3.181	3.251	3.916	4.248	3.920		3.579	12.17
11) ISOPROPYL AL	0.852	0.902	0.781	0.676	0.501	0.568	1.000		0.754	24.06
12) ACETONE	0.914	0.907	0.813	0.792	0.851	1.346	2.038		1.094	41.70
----- Linear regression ----- Coefficient = 0.9988										
Response Ratio = -0.02062 + 0.91416 *A										
13) PENTANE	0.602	0.607	0.593	0.591	0.677	0.660	0.483		0.602	10.38
14) 1,1-DICHLORO	0.932	0.952	0.903	0.862	0.934	0.828	0.857		0.895	5.26
15) CARBON DISUL	2.468	2.554	2.452	2.551	2.910	3.098	2.935		2.710	9.72
16) ETHANOL	0.144	0.147	0.124	0.110	0.115	0.070			0.118	23.84
17) BROMOETHENE	0.969	0.996	0.918	0.892	0.954	0.837	0.751		0.902	9.44
18) METHYLENE CH	0.823	0.825	0.773	0.789	0.859	6.693			1.794	133.82
----- Linear regression ----- Coefficient = 0.9903										
Response Ratio = 0.07890 + 0.79243 *A										
19) 3-CHLOROPROP	0.659	0.593	0.533	0.498	0.531	0.664	0.574		0.579	11.10
20) FREON 113	2.043	2.040	1.931	1.994	2.235	2.559	2.531		2.191	11.84
21) TRANS-1,2-DI	0.908	0.903	0.825	0.807	0.859	0.957	0.832		0.870	6.22
22) TERTIARY BUT	1.256	1.300	1.094	1.012	0.875	0.656			1.032	23.45
23) METHYL TERTI	1.838	1.828	1.586	1.502	1.538	1.685	1.111		1.584	15.61
24) TETRAHYDROFU	0.549	0.538	0.453	0.402	0.375	0.293			0.435	22.71
25) HEXANE	0.917	0.875	0.828	0.809	0.877	1.203	1.259		0.967	19.10
26) VINYL ACETAT	1.179	1.133	0.954	0.870	0.810	0.857			0.967	15.94
27) 1,1-DICHLORO	1.453	1.376	1.294	1.257	1.424	1.694	1.367		1.409	10.13
28) METHYL ETHYL	1.012	1.019	0.886	0.829	0.883	0.918	0.734		0.897	11.12
29) cis-1,2-DICH	0.907	0.846	0.777	0.735	0.847	0.866	0.685		0.809	9.80
30) ETHYL ACETAT	1.132	1.126	0.988	0.901	0.970	1.112	0.808		1.005	12.42
31) CHLOROFORM	2.115	1.982	1.867	1.838	2.157	2.447	2.117		2.075	9.97
32) 1,1,1-TRICHL	2.596	2.404	2.194	2.122	2.383	2.753	2.400		2.408	9.02
33) CARBON TETRA	3.205	3.035	2.890	2.934	3.171	3.638	3.284		3.165	8.01
34) 1,2-DICHLORO	1.269	1.157	1.028	0.997	1.178	1.294	1.081		1.143	10.00
35) I 1,4-DIFLUOROBENZENE	----------ISTD----------									
36) BENZENE	0.525	0.465	0.415	0.389	0.388	0.445	0.359		0.427	13.18
37) CYCLOHEXANE	0.241	0.229	0.214	0.211	0.193	0.169	0.132		0.198	18.90
38) TRICHLOROETH	0.276	0.251	0.230	0.235	0.258	0.259	0.186		0.242	12.03
39) 1,2-DICHLORO	0.169	0.149	0.133	0.131	0.131	0.170	0.122		0.144	13.52

Initial Calibration Summary

Job Number: M64701 **Sample:** MSJ533-ICC533
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10281.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
40) BROMODICHLOR 0.492 0.444 0.405 0.408 0.448 0.563 0.462       0.460  11.77
41) 2,2,4-TRIMET 0.788 0.745 0.684 0.633 0.568 0.527 0.374       0.617  22.93
42) 1,4-DIOXANE  0.097 0.092 0.076 0.061 0.040 0.013             0.063  51.22
            ----- Linear regression -----  Coefficient =  0.9978
              Response Ratio = -0.01465 + 0.10021 *A

43) HEPTANE      0.240 0.218 0.196 0.184 0.178 0.155 0.100       0.182  25.10
44) METHYL ISOBU 0.304 0.275 0.233 0.210 0.182 0.148             0.225  25.80
45) cis-1,3-DICH 0.282 0.253 0.212 0.189 0.169 0.164 0.117       0.198  28.22
46) TOLUENE      0.398 0.350 0.298 0.274 0.246 0.223 0.170       0.280  27.54
47) trans-1,3-DI 0.280 0.250 0.204 0.177 0.156 0.117             0.197  30.59
            ----- Linear regression -----  Coefficient =  0.9953
              Response Ratio = -0.04344 + 0.28517 *A

48) 1,1,2-TRICHL 0.188 0.169 0.150 0.147 0.156 0.183 0.151       0.163  10.27

49) I   CHLOROBENZENE-D5      ----------------ISTD--------------------
50) 2-HEXANONE   0.289 0.258 0.216 0.198 0.146 0.117             0.204  32.03
            ----- Linear regression -----  Coefficient =  0.9959
              Response Ratio = -0.04283 + 0.29406 *A

51) TETRACHLOROE 0.385 0.340 0.301 0.302 0.320 0.420 0.296       0.338  14.20
52) DIBROMOCHLOR 0.573 0.521 0.476 0.490 0.541 0.706 0.498       0.544  14.49
53) 1,2-DIBROMOE 0.406 0.369 0.322 0.314 0.328 0.353 0.255       0.335  14.15
54) CHLOROBENZEN 0.597 0.553 0.492 0.494 0.550 0.591 0.443       0.531  10.70
55) ETHYLBENZENE 0.945 0.860 0.750 0.711 0.615 0.528 0.353       0.680  29.58
56) m,p-XYLENE   0.391 0.352 0.315 0.301 0.274 0.205 0.142       0.283  30.28
            ----- Linear regression -----  Coefficient =  0.9966
              Response Ratio = -0.06858 + 0.39166 *A

57) o-XYLENE     0.400 0.354 0.316 0.301 0.264 0.212 0.137       0.283  31.16
            ----- Linear regression -----  Coefficient =  0.9958
              Response Ratio = -0.03784 + 0.39955 *A

58) STYRENE      0.576 0.505 0.413 0.338 0.255 0.174             0.377  40.25
            ----- Linear regression -----  Coefficient =  0.9947
              Response Ratio = -0.10022 + 0.58768 *A

59) NONANE       0.364 0.328 0.297 0.276 0.251 0.212             0.288  18.86
60) BROMOFORM    0.637 0.571 0.504 0.489 0.522 0.646 0.501       0.553  11.93
61) 4-BROMOFLUOR 0.708 0.670 0.649 0.564 0.542 0.487 0.487       0.587  15.22
62) 1,1,2,2-TETR 0.536 0.487 0.433 0.429 0.437 0.596 0.365       0.469  16.53
63) ISOPROPYLBEN 1.158 1.034 0.905 0.830 0.739 0.644             0.885  21.41
64) 2-CHLOROTOLU 0.799 0.703 0.597 0.525 0.456 0.418             0.583  25.21
65) 4-ETHYLTOLUE 1.085 0.941 0.781 0.679 0.565 0.410             0.744  33.16
            ----- Linear regression -----  Coefficient =  0.9942
              Response Ratio = -0.17841 + 1.10272 *A

66) 1,3,5-TRIMET 0.968 0.848 0.721 0.632 0.548 0.460             0.696  27.23
67) 1,2,4-TRIMET 0.924 0.779 0.636 0.559 0.448 0.335             0.613  35.12
            ----- Linear regression -----  Coefficient =  0.9923
              Response Ratio = -0.16618 + 0.93823 *A

68) m-DICHLOROBE 0.684 0.567 0.466 0.455 0.452 0.359             0.497  22.70
69) BENZYL CHLOR 0.586 0.470 0.377 0.332 0.253 0.218             0.373  36.91
         ----- Quadratic regression -----                Coefficient =  0.9998
              Response Ratio = -0.01976 + 0.35387 *A + 0.05932 *A^2

70) p-DICHLOROBE 0.640 0.534 0.441 0.429 0.383 0.301             0.455  26.06
71) o-DICHLOROBE 0.613 0.502 0.413 0.384 0.368 0.379             0.443  21.74
```

Initial Calibration Summary

Job Number: M64701 **Sample:** MSJ533-ICC533
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10281.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
72) HEXACHLOROBU 0.348 0.292 0.256 0.267 0.259 1.126            0.425  81.32
         ----- Quadratic regression -----                 Coefficient =  0.9993
              Response Ratio = 0.02574 + 0.20482 *A + 0.03437 *A^2

73) 1,2,4-TRICHL 0.206 0.171 0.135 0.119 0.090 0.144            0.144  28.01
74) NAPHTHALENE                                                 0.000  -1.00
---------------------------------------------------------------------------
(#) = Out of Range  ###  Number of calibration levels exceeded format  ###

          J050907T.M        Thu May 10 11:10:50 2007
```

Initial Calibration Verification

Job Number: M64701 **Sample:** MSJ533-ICV533
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10286.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\J10286.D Vial: 4
Acq On : 10 May 2007 10:33 am Operator: danat
Sample : ICV533-10 (M054) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 11:09:51 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	100	0.00	8.62
2	m	DICHLORODIFLUOROMETHANE	3.514	3.160	10.1	98	0.00	4.07
3	m	PROPYLENE	0.402	0.432	-7.5	96	0.00	3.99
4	m	FREON 114	2.963	2.556	13.7	96	0.00	4.32
5	m	CHLOROMETHANE	0.652	0.598	8.3	99	0.00	4.23
6	m	VINYL CHLORIDE	0.819	0.730	10.9	94	0.00	4.45
7	m	1,3-BUTADIENE	0.494	0.495	-0.2	96	0.00	4.58
8	m	BROMOMETHANE	0.992	0.872	12.1	95	0.00	4.85
9	m	CHLOROETHANE	0.334	0.341	-2.1	97	0.00	5.03
10	m	TRICHLOROFLUOROMETHANE	3.579	3.057	14.6	96	0.00	5.79
11	m	ISOPROPYL ALCOHOL	0.754	0.729	3.3	94	0.00	5.92
		----------	True	Calc.	% Drift	----------		
12	m	ACETONE	10.000	7.722	22.8	84	0.00	5.65
		----------	AvgRF	CCRF	% Dev	----------		
13	m	PENTANE	0.602	0.577	4.2	97	0.00	6.13
14	m	1,1-DICHLOROETHYLENE	0.895	0.778	13.1	86	0.00	6.43
15	m	CARBON DISULFIDE	2.710	2.238	17.4	91	0.00	6.85
16	m	ETHANOL	0.118	0.120	-1.7	97	0.00	5.20
17	m	BROMOETHENE	0.902	0.839	7.0	92	0.00	5.38
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	7.732	22.7	90	0.00	6.54
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	0.579	0.532	8.1	100	0.00	6.66
20	m	FREON 113	2.191	1.736	20.8	90	0.00	6.79
21	m	TRANS-1,2-DICHLOROETHYLEN	0.870	0.768	11.7	93	0.00	7.46
22	m	TERTIARY BUTYL ALCOHOL	1.032	0.991	4.0	91	0.00	6.52
23	m	METHYL TERTIARY BUTYL ETH	1.584	1.292	18.4	82	0.00	7.73
24	m	TETRAHYDROFURAN	0.435	0.372	14.5	82	0.00	9.17
25	m	HEXANE	0.967	0.727	24.8	88	0.00	8.63
26	m	VINYL ACETATE	0.967	0.780	19.3	82	0.00	7.80
27	m	1,1-DICHLOROETHANE	1.409	1.192	15.4	92	0.00	7.66
28	m	METHYL ETHYL KETONE	0.897	0.737	17.8	83	0.00	8.07
29	m	cis-1,2-DICHLOROETHYLENE	0.809	0.692	14.5	89	0.00	8.46
30	m	ETHYL ACETATE	1.005	0.785	21.9	80	0.00	8.68
31	m	CHLOROFORM	2.075	1.724	16.9	93	0.00	8.74
32	m	1,1,1-TRICHLOROETHANE	2.408	2.068	14.1	94	0.00	9.68
33	m	CARBON TETRACHLORIDE	3.165	2.729	13.8	95	0.00	10.26
34	m	1,2-DICHLOROETHANE	1.143	0.925	19.1	90	0.00	9.45

Initial Calibration Verification

Job Number: M64701 **Sample:** MSJ533-ICV533
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10286.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	101	0.00	10.44
36	m	BENZENE	0.427	0.365	14.5	89	0.00	10.12
37	m	CYCLOHEXANE	0.198	0.193	2.5	91	0.00	10.37
38	m	TRICHLOROETHYLENE	0.242	0.212	12.4	93	0.00	11.12
39	m	1,2-DICHLOROPROPANE	0.144	0.117	18.7	88	0.00	10.90
40	m	BROMODICHLOROMETHANE	0.460	0.357	22.4	89	0.00	11.08
41	m	2,2,4-TRIMETHYLPENTANE	0.617	0.647	-4.9	95	0.00	11.12
		----------	True	Calc.	% Drift	----------		
42	m	1,4-DIOXANE	10.000	8.136	18.6	89	0.00	11.16
		----------	AvgRF	CCRF	% Dev	----------		
43	m	HEPTANE	0.182	0.176	3.3	91	0.00	11.36
44	m	METHYL ISOBUTYL KETONE	0.225	0.200	11.1	86	0.00	11.98
45	m	cis-1,3-DICHLOROPROPENE	0.198	0.190	4.0	91	0.00	11.94
46	m	TOLUENE	0.280	0.252	10.0	85	0.00	12.89
		----------	True	Calc.	% Drift	----------		
47	m	trans-1,3-DICHLOROPROPENE	10.000	7.072	29.3	78	0.00	12.44
		----------	AvgRF	CCRF	% Dev	----------		
48	m	1,1,2-TRICHLOROETHANE	0.163	0.131	19.6	88	0.00	12.62
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	101	0.00	14.67
		----------	True	Calc.	% Drift	----------		
50	m	2-HEXANONE	10.000	7.381	26.2	82	0.00	13.15
		----------	AvgRF	CCRF	% Dev	----------		
51	m	TETRACHLOROETHYLENE	0.338	0.272	19.5	91	0.00	14.01
52	m	DIBROMOCHLOROMETHANE	0.544	0.414	23.9	88	0.00	13.33
53	m	1,2-DIBROMOETHANE	0.335	0.284	15.2	89	0.00	13.57
54	m	CHLOROBENZENE	0.465	0.436	6.2	90	0.00	14.71
55	m	ETHYLBENZENE	0.680	0.654	3.8	88	0.00	15.09
		----------	True	Calc.	% Drift	----------		
56	m	m,p-XYLENE	20.000	15.871	20.6	89	0.00	15.28
57	m	o-XYLENE	10.000	7.994	20.1	90	0.00	15.78
58	m	STYRENE	10.000	8.041	19.6	91	0.00	15.67
		----------	AvgRF	CCRF	% Dev	----------		
59	m	NONANE	0.288	0.279	3.1	95	0.00	15.97
60	m	BROMOFORM	0.553	0.446	19.3	90	0.00	15.40
61	S	4-BROMOFLUOROBENZENE	0.513	0.649	-26.5	101	0.00	16.29
62	m	1,1,2,2-TETRACHLOROETHANE	0.469	0.409	12.8	96	0.00	15.79
63	m	ISOPROPYLBENZENE	0.885	0.823	7.0	92	0.00	16.43
64	m	2-CHLOROTOLUENE	0.583	0.559	4.1	95	0.00	16.98
		----------	True	Calc.	% Drift	----------		
65	m	4-ETHYLTOLUENE	10.000	7.775	22.2	88	0.00	17.17
		----------	AvgRF	CCRF	% Dev	----------		
66	m	1,3,5-TRIMETHYLBENZENE	0.696	0.670	3.7	94	0.00	17.25
		----------	True	Calc.	% Drift	----------		
67	m	1,2,4-TRIMETHYLBENZENE	10.000	8.257	17.4	97	0.00	17.72
		----------	AvgRF	CCRF	% Dev	----------		
68	m	m-DICHLOROBENZENE	0.497	0.486	2.2	106	0.00	17.91

Initial Calibration Verification

Job Number: M64701 **Sample:** MSJ533-ICV533
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10286.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
            ----------------------- True    Calc.   % Drift  ------------
69 m   BENZYL CHLORIDE            10.000   9.896      1.0  104   0.00   17.89

            ----------------------- AvgRF   CCRF     % Dev   -------------
70 m   p-DICHLOROBENZENE           0.455   0.457     -0.4  105   0.00   17.98
71 m   o-DICHLOROBENZENE           0.443   0.431      2.7  105   0.00   18.37

            ----------------------- True    Calc.   % Drift  ------------
72 m   HEXACHLOROBUTADIENE        10.000  11.870    -18.7  126   0.00   20.76

            ----------------------- AvgRF   CCRF     % Dev   -------------
73 m   1,2,4-TRICHLOROBENZENE      0.144   0.201    -39.6# 151   0.00   20.27
74 m   NAPHTHALENE                          ----------NA----------
-------------------------------------------------------------------------------

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

   (#) = Out of Range               SPCC's out = 0  CCC's out = 0
    J10281.D   J050907T.M       Thu May 10 11:11:41 2007
```

Continuing Calibration Summary

Job Number: M64701 **Sample:** MSJ534-CC533
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10313.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\J10313.D Vial: 1
Acq On : 11 May 2007 11:23 am Operator: danat
Sample : CC533-10 (M054) Inst : MSJ
Misc : MS13540, MSJ534,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 11:09:51 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	68	0.01	8.63
2	m	DICHLORODIFLUOROMETHANE	3.514	3.341	4.9	70	0.01	4.08
3	m	PROPYLENE	0.402	0.416	-3.5	63	0.00	4.00
4	m	FREON 114	2.963	2.722	8.1	69	0.00	4.33
5	m	CHLOROMETHANE	0.652	0.587	10.0	66	0.00	4.23
6	m	VINYL CHLORIDE	0.819	0.739	9.8	65	0.01	4.46
7	m	1,3-BUTADIENE	0.494	0.500	-1.2	66	0.00	4.59
8	m	BROMOMETHANE	0.992	0.939	5.3	70	0.00	4.86
9	m	CHLOROETHANE	0.334	0.366	-9.6	71	0.00	5.03
10	m	TRICHLOROFLUOROMETHANE	3.579	3.384	5.4	72	0.00	5.80
11	m	ISOPROPYL ALCOHOL	0.754	0.722	4.2	63	0.01	5.94
		----------	True	Calc.	% Drift	----------		
12	m	ACETONE	10.000	8.201	18.0	61	0.00	5.66
		----------	AvgRF	CCRF	% Dev	----------		
13	m	PENTANE	0.602	0.582	3.3	67	0.00	6.14
14	m	1,1-DICHLOROETHYLENE	0.895	0.855	4.5	64	0.00	6.43
15	m	CARBON DISULFIDE	2.710	2.384	12.0	66	0.00	6.85
16	m	ETHANOL	0.118	0.111	5.9	61	0.01	5.22
17	m	BROMOETHENE	0.902	0.945	-4.8	70	0.00	5.39
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	8.604	14.0	67	0.00	6.55
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	0.579	0.554	4.3	71	0.00	6.66
20	m	FREON 113	2.191	2.011	8.2	71	0.00	6.79
21	m	TRANS-1,2-DICHLOROETHYLEN	0.870	0.830	4.6	69	0.00	7.46
22	m	TERTIARY BUTYL ALCOHOL	1.032	0.997	3.4	62	0.00	6.53
23	m	METHYL TERTIARY BUTYL ETH	1.584	1.433	9.5	61	0.00	7.74
24	m	TETRAHYDROFURAN	0.435	0.403	7.4	60	0.00	9.18
25	m	HEXANE	0.967	0.757	21.7	62	0.00	8.64
26	m	VINYL ACETATE	0.967	0.805	16.8	57	0.00	7.80
27	m	1,1-DICHLOROETHANE	1.409	1.262	10.4	66	0.00	7.66
28	m	METHYL ETHYL KETONE	0.897	0.784	12.6	60	0.00	8.07
29	m	cis-1,2-DICHLOROETHYLENE	0.809	0.753	6.9	66	0.00	8.47
30	m	ETHYL ACETATE	1.005	0.846	15.8	58	0.00	8.69
31	m	CHLOROFORM	2.075	1.890	8.9	69	0.00	8.75
32	m	1,1,1-TRICHLOROETHANE	2.408	2.348	2.5	73	0.00	9.68
33	m	CARBON TETRACHLORIDE	3.165	3.164	0.0	75	0.00	10.26
34	m	1,2-DICHLOROETHANE	1.143	1.013	11.4	67	0.00	9.46

Continuing Calibration Summary

Job Number: M64701 **Sample:** MSJ534-CC533
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10313.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	72	0.00	10.44
36	m	BENZENE	0.427	0.386	9.6	67	0.00	10.13
37	m	CYCLOHEXANE	0.198	0.209	-5.6	70	0.00	10.37
38	m	TRICHLOROETHYLENE	0.242	0.226	6.6	71	0.00	11.12
39	m	1,2-DICHLOROPROPANE	0.144	0.123	14.6	67	0.00	10.90
40	m	BROMODICHLOROMETHANE	0.460	0.383	16.7	68	0.00	11.09
41	m	2,2,4-TRIMETHYLPENTANE	0.617	0.677	-9.7	71	0.00	11.12
		----------	True	Calc.	% Drift	----------		
42	m	1,4-DIOXANE	10.000	8.473	15.3	67	0.00	11.18
		----------	AvgRF	CCRF	% Dev	----------		
43	m	HEPTANE	0.182	0.183	-0.5	67	0.00	11.36
44	m	METHYL ISOBUTYL KETONE	0.225	0.211	6.2	65	0.00	11.99
45	m	cis-1,3-DICHLOROPROPENE	0.198	0.202	-2.0	69	0.00	11.94
46	m	TOLUENE	0.280	0.279	0.4	68	0.00	12.89
		----------	True	Calc.	% Drift	----------		
47	m	trans-1,3-DICHLOROPROPENE	10.000	7.058	29.4	56	0.00	12.44
		----------	AvgRF	CCRF	% Dev	----------		
48	m	1,1,2-TRICHLOROETHANE	0.163	0.145	11.0	70	0.00	12.62
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	74	0.00	14.67
		----------	True	Calc.	% Drift	----------		
50	m	2-HEXANONE	10.000	7.374	26.3	60	0.00	13.16
		----------	AvgRF	CCRF	% Dev	----------		
51	m	TETRACHLOROETHYLENE	0.338	0.296	12.4	73	0.00	14.01
52	m	DIBROMOCHLOROMETHANE	0.544	0.459	15.6	72	0.00	13.33
53	m	1,2-DIBROMOETHANE	0.335	0.292	12.8	67	0.00	13.57
54	m	CHLOROBENZENE	0.465	0.474	-1.9	72	0.00	14.72
55	m	ETHYLBENZENE	0.680	0.710	-4.4	70	0.00	15.09
		----------	True	Calc.	% Drift	----------		
56	m	m,p-XYLENE	20.000	17.379	13.1	72	0.00	15.29
57	m	o-XYLENE	10.000	8.902	11.0	75	0.00	15.79
58	m	STYRENE	10.000	8.259	17.4	69	0.00	15.67
		----------	AvgRF	CCRF	% Dev	----------		
59	m	NONANE	0.288	0.288	0.0	72	0.00	15.97
60	m	BROMOFORM	0.553	0.490	11.4	72	0.00	15.40
61	S	4-BROMOFLUOROBENZENE	0.513	0.638	-24.4	73	0.00	16.29
62	m	1,1,2,2-TETRACHLOROETHANE	0.469	0.440	6.2	76	0.00	15.79
63	m	ISOPROPYLBENZENE	0.885	0.914	-3.3	75	0.00	16.43
64	m	2-CHLOROTOLUENE	0.583	0.615	-5.5	77	0.00	16.98
		----------	True	Calc.	% Drift	----------		
65	m	4-ETHYLTOLUENE	10.000	8.267	17.3	70	0.00	17.17
		----------	AvgRF	CCRF	% Dev	----------		
66	m	1,3,5-TRIMETHYLBENZENE	0.696	0.741	-6.5	76	0.00	17.26
		----------	True	Calc.	% Drift	----------		
67	m	1,2,4-TRIMETHYLBENZENE	10.000	8.864	11.4	78	0.00	17.72
		----------	AvgRF	CCRF	% Dev	----------		
68	m	m-DICHLOROBENZENE	0.497	0.497	0.0	79	0.00	17.91

Continuing Calibration Summary

Job Number: M64701 **Sample:** MSJ534-CC533
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10313.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

		True	Calc.	% Drift			
69 m	BENZYL CHLORIDE	10.000	9.274	7.3	71	0.00	17.89

		AvgRF	CCRF	% Dev			
70 m	p-DICHLOROBENZENE	0.455	0.446	2.0	75	0.00	17.98
71 m	o-DICHLOROBENZENE	0.443	0.454	-2.5	82	0.00	18.37

		True	Calc.	% Drift			
72 m	HEXACHLOROBUTADIENE	10.000	13.854	-38.5#	109	0.00	20.76

		AvgRF	CCRF	% Dev			
73 m	1,2,4-TRICHLOROBENZENE	0.144	0.168	-16.7	92	0.00	20.28
74 m	NAPHTHALENE	0.000	0.000	0.0	0#	0.00	20.40

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

(#) = Out of Range SPCC's out = 0 CCC's out = 0
J10281.D J050907T.M Fri May 11 14:22:52 2007

Initial Calibration Summary

Job Number: M64701 **Sample:** MSQ185-ICC185
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3393.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Response Factor Report MAMSQ

Method : C:\msdchem\1\METHODS\Q051507T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

Calibration Files
.2 =Q3389.D .5 =Q3394.D 2 =Q3387.D
5 =Q3391.D 10 =Q3393.D 20 =Q3392.D 40 =Q3390.D

Compound	.2	.5	2	5	10	20	40	Avg	%RSD
1) I BROMOCHLOROMETHANE	----------ISTD----------								
2)m DICHLORODIFLUOROM	0.773	1.270	0.848	0.791	0.855	0.670	0.638	0.835 E1	24.99
3)m PROPYLENE	2.938	4.605	2.553	2.952	3.111	2.587	1.960	2.958	27.71
4)m FREON 114	0.746	1.286	0.848	0.827	0.898	0.716	0.613	0.847 E1	25.39
5)m CHLOROMETHANE	3.313	5.986	3.338	3.763	3.975	3.208	2.509	3.727	29.47
6)m VINYL CHLORIDE	2.715	4.871	2.950	3.066	3.273	2.597	2.115	3.084	28.27
7)m 1,3-BUTADIENE	3.302	4.706	2.501	3.089	3.179	2.813	2.452	3.149	24.16
8)m BROMOMETHANE	2.062	4.396	2.737	2.629	2.846	2.111	1.875	2.665	31.88
----- Quadratic regression ----- Coefficient = 0.9949									
Response Ratio = 0.08955 + 2.55861 *A + -0.17925 *A^2									
9)m CHLOROETHANE	1.074	2.018	1.266	1.350	1.427	1.086	0.941	1.309	27.21
10)m TRICHLOROFLUOROME	0.849	1.397	0.872	0.883	0.937	0.722	0.768	0.918 E1	24.33
11)m ISOPROPYL ALCOHOL	8.783	7.472	4.295	5.540	5.437	5.048	4.494	5.867	28.18
12)m ACETONE		7.620	4.260	5.154	5.186	4.818	4.272	5.219	23.85
13)m PENTANE	3.217	3.892	2.313	2.857	2.714	2.657	2.241	2.842	19.99
14)m 1,1-DICHLOROETHYL	2.082	3.846	2.323	2.375	2.535	1.959	2.034	2.451	26.49
15)m CARBON DISULFIDE	5.378	8.319	5.673	5.874	6.095	5.047	5.209	5.942	18.70
16)m ETHANOL		1.862	0.977	1.169	1.198	1.070	0.928	1.201	28.36
17)m BROMOETHENE	2.216	4.402	2.764	2.623	2.885	2.054	1.967	2.702	30.72
----- Quadratic regression ----- Coefficient = 0.9923									
Response Ratio = 0.12263 + 2.41104 *A + -0.12225 *A^2									
18)m METHYLENE CHLORID	4.428	4.766	2.596	2.082	2.222	1.708	1.693	2.785	45.93
----- Linear regression (equal Weighting)----- Coefficient = 0.9951									
Response Ratio = 0.21020 + 1.65099 *A									
19)m 3-CHLOROPROPENE	2.501	4.164	1.825	2.157	2.101	1.980	1.937	2.381	34.24
----- Linear regression (equal Weighting)----- Coefficient = 0.9994									
Response Ratio = 0.07615 + 1.92765 *A									
20)m FREON 113	4.486	3.632	4.469	4.596	4.950	3.817	4.336	4.327	10.55
21)m TRANS-1,2-DICHLOR	2.062	2.021	2.134	2.224	2.358	1.957	2.106	2.123	6.30
22)m TERTIARY BUTYL AL	5.250	7.137	4.842	5.445	5.420	4.763	3.764	5.232	19.49
23)m METHYL TERTIARY B	5.068	4.977	4.683	4.971	5.255	4.419	4.837	4.887	5.58
24)m TETRAHYDROFURAN	2.899	2.727	3.594	3.041	2.843	2.823	3.171	3.014	9.80
25)m HEXANE	3.491	3.641	3.661	3.155	2.756	2.832	3.488	3.289	11.47
26)m VINYL ACETATE	5.091	5.977	7.927	4.773	4.898	4.500	4.693	5.409	22.35
27)m 1,1-DICHLOROETHAN	4.159	4.773	4.619	4.298	4.459	3.731	3.951	4.284	8.60
28)m METHYL ETHYL KETO	6.853	5.353	6.865	5.760	5.791	5.184	6.079	5.984	11.14
29)m cis-1,2-DICHLOROE	1.276	2.087	1.861	1.605	1.349	1.514	1.599	1.613	17.52
30)m ETHYL ACETATE	1.041	0.902	1.100	0.949	0.899	0.878	1.077	0.978 E1	9.47
31)m CHLOROFORM	4.953	5.589	5.072	3.929	4.047	3.634	4.527	4.536	15.56
32)m 1,1,1-TRICHLOROET	4.322	6.092	4.961	3.841	4.379	3.567	4.822	4.569	18.25
33)m CARBON TETRACHLOR	4.468	6.554	5.215	4.379	4.881	3.980	5.598	5.011	17.36
34)m 1,2-DICHLOROETHAN	3.659	4.474	4.052	3.075	3.649	2.852	3.853	3.659	15.17

Initial Calibration Summary

Job Number: M64701 **Sample:** MSQ185-ICC185
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3393.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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35) I   1,4-DIFLUOROBENZENE   ----------------ISTD---------------------
36)m BENZENE           0.938 1.231 1.149 1.179 0.830 0.945 1.001 1.039  14.32
37)m CYCLOHEXANE       0.247 0.462 0.400 0.344 0.295 0.331 0.358 0.348  19.97
38)m TRICHLOROETHYLENE 0.392 0.731 0.589 0.548 0.481 0.551 0.674 0.566  20.05
39)m 1,2-DICHLOROPROPA 0.439 0.560 0.561 0.521 0.417 0.486 0.480 0.495  11.31
40)m BROMODICHLOROMETH 0.800 1.186 0.980 0.970 0.865 0.924 1.023 0.964  12.79
41)m 2,2,4-TRIMETHYLPE 1.902 2.623 2.679 2.539 2.036 2.482 2.726 2.427  13.40
42)m 1,4-DIOXANE       0.177 0.180 0.204 0.185 0.159 0.191 0.226 0.189  11.28
43)m HEPTANE           0.743 1.015 1.146 1.176 0.932 1.127 1.126 1.038  14.99
44)m METHYL ISOBUTYL K 1.064 1.315 1.554 1.725 1.363 1.673 1.751 1.492  17.07
45)m cis-1,3-DICHLOROP 0.465 0.707 0.702 0.685 0.592 0.688 0.774 0.659  15.33
46)m TOLUENE           0.455 0.816 0.766 0.694 0.588 0.702 0.788 0.687  18.49
47)m trans-1,3-DICHLOR 0.334 0.637 0.599 0.597 0.529 0.593 0.675 0.566  19.75
48)m 1,1,2-TRICHLOROET 0.343 0.478 0.463 0.432 0.339 0.413 0.444 0.416  13.28

49) I   CHLOROBENZENE-D5      ----------------ISTD---------------------
50)m 2-HEXANONE        1.402 1.036 1.431 1.617 1.293 1.530 1.599 1.415  14.32
51)m TETRACHLOROETHYLE 0.258 0.635 0.424 0.365 0.354 0.391 0.554 0.426  30.04
         ----- Quadratic regression -----  Coefficient =  0.9995
              Response Ratio = 0.02490 + 0.23376 *A + 0.07833 *A^2

52)m DIBROMOCHLOROMETH 0.729 1.355 0.973 0.897 0.858 0.934 1.211 0.994  21.73
53)m 1,2-DIBROMOETHANE 0.688 1.159 0.903 0.834 0.714 0.821 0.929 0.864  18.25
54)m CHLOROBENZENE     0.846 1.428 1.153 1.002 0.865 0.993 1.124 1.059  18.89
55)m ETHYLBENZENE      1.375 2.259 2.001 1.854 1.609 1.893 2.024 1.859  15.61
56)m m,p-XYLENE        0.447 0.836 0.692 0.660 0.567 0.718 0.864 0.683  21.33
57)m o-XYLENE          0.496 0.821 0.681 0.699 0.574 0.802 0.874 0.706  19.41
58)m STYRENE           0.450 0.932 0.954 0.953 0.795 1.043 1.064 0.884  23.81
59)m NONANE            1.532 1.966 1.991 2.230 1.590 2.179 1.659 1.878  15.14
60)m BROMOFORM         0.540 0.958 0.699 0.677 0.685 0.797 1.113 0.781  24.91
61)S 4-BROMOFLUOROBENZ 0.843 0.756 0.797 0.887 0.888 0.972 0.874 0.859   8.14
62)m 1,1,2,2-TETRACHLO 1.378 0.987 1.207 1.342 1.004 1.521 1.330 1.253  15.83
63)m ISOPROPYLBENZENE  1.578 2.468 2.023 2.075 1.755 2.255 2.201 2.051  14.77
64)m 2-CHLOROTOLUENE   1.332 1.866 1.574 1.625 1.423 1.792 1.593 1.601  11.74
65)m 4-ETHYLTOLUENE    1.367 1.934 1.760 1.848 1.594 2.083 2.044 1.804  14.15
66)m 1,3,5-TRIMETHYLBE 1.545 1.888 1.630 1.705 1.531 1.972 1.965 1.748  10.99
67)m 1,2,4-TRIMETHYLBE 1.458 1.561 1.508 1.642 1.565 1.958 1.899 1.656  11.79
68)m m-DICHLOROBENZENE 0.882 0.864 0.833 0.936 0.884 1.107 1.274 0.969  16.73
69)m BENZYL CHLORIDE   1.081 0.593 0.995 1.222 1.163 1.456 1.376 1.127  25.24
70)m p-DICHLOROBENZENE 0.666 0.805 0.824 0.876 0.852 1.027 1.197 0.893  19.24
71)m o-DICHLOROBENZENE 1.086 0.602 0.680 0.809 0.824 0.989 1.080 0.867  22.00
72)m HEXACHLOROBUTADIE 1.064 0.199 0.128 0.158 0.256 0.337       0.357  99.12
         ----- Quadratic regression -----  Coefficient =  0.9974
              Response Ratio = 0.00387 + 0.13548 *A + 0.10075 *A^2

73)m 1,2,4-TRICHLOROBE 0.316 0.181 0.129 0.133 0.138 0.192       0.181  39.09
         ----- Quadratic regression -----  Coefficient =  0.9995
              Response Ratio = 0.00614 + 0.08311 *A + 0.05273 *A^2

74)m NAPHTHALENE                                                0.000  -1.00
---------------------------------------------------------------------------
(#) = Out of Range

          Q051507T.m        Wed May 16 11:12:57 2007   RPT1
```

Initial Calibration Verification

Job Number: M64701 **Sample:** MSQ185-ICV185
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3395.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Q3395.D Vial: 3
Acq On : 16 May 2007 11:30 am Operator: PhilipB
Sample : ICV185-10 (M068) Inst : MAMSQ
Misc : MS13535,MSQ185,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\msdchem\1\METHODS\Q051507T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Wed May 16 11:12:42 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	118	0.00	8.22- 8.63
2 m	DICHLORODIFLUOROMETHAN	8.349	8.318	0.4	115	0.00	3.39- 3.80
3 m	PROPYLENE	2.958	3.027	-2.3	115	0.00	3.31- 3.72
4 m	FREON 114	8.475	8.740	-3.1	115	0.00	3.65- 4.06
5 m	CHLOROMETHANE	3.727	3.841	-3.1	114	0.00	3.55- 3.96
6 m	VINYL CHLORIDE	3.084	3.193	-3.5	115	0.00	3.77- 4.19
7 m	1,3-BUTADIENE	3.149	3.086	2.0	115	0.00	3.91- 4.32
		True	Calc.	% Drift			
8 m	BROMOMETHANE	10.000	11.420	-14.2	115	0.00	4.19- 4.60
		AvgRF	CCRF	% Dev			
9 m	CHLOROETHANE	1.309	1.344	-2.7	111	0.00	4.36- 4.78
10 m	TRICHLOROFLUOROMETHANE	9.183	8.892	3.2	112	0.00	5.18- 5.59
11 m	ISOPROPYL ALCOHOL	5.867	4.847	17.4	105	0.00	5.20- 5.68
12 m	ACETONE	5.219	4.981	4.6	114	0.00	4.98- 5.39
13 m	PENTANE	2.842	2.408	15.3	105	0.00	5.61- 5.92
14 m	1,1-DICHLOROETHYLENE	2.451	2.416	1.4	113	0.00	5.86- 6.27
15 m	CARBON DISULFIDE	5.942	4.885	17.8	95	0.00	6.32- 6.73
16 m	ETHANOL	1.201	1.078	10.2	106	0.00	4.44- 4.90
		True	Calc.	% Drift			
17 m	BROMOETHENE	10.000	11.683	-16.8	114	0.00	4.73- 5.14
18 m	METHYLENE CHLORIDE	10.000	10.398	-4.0	103	0.00	6.04- 6.34
19 m	3-CHLOROPROPENE	10.000	7.807	21.9	89	0.00	6.11- 6.53
		AvgRF	CCRF	% Dev			
20 m	FREON 113	4.327	4.235	2.1	101	0.00	6.26- 6.67
21 m	TRANS-1,2-DICHLOROETHY	2.123	1.971	7.2	99	0.00	6.98- 7.39
22 m	TERTIARY BUTYL ALCOHOL	5.232	4.931	5.8	108	0.00	5.83- 6.35
23 m	METHYL TERTIARY BUTYL	4.887	4.566	6.6	103	0.00	7.24- 7.65
24 m	TETRAHYDROFURAN	3.014	2.499	17.1	104	0.00	8.81- 9.10
25 m	HEXANE	3.289	2.640	19.7	113	0.00	8.25- 8.66
26 m	VINYL ACETATE	5.409	4.004	26.0	97	0.00	7.36- 7.71
27 m	1,1-DICHLOROETHANE	4.284	3.674	14.2	97	0.00	7.18- 7.60
28 m	METHYL ETHYL KETONE	5.984	5.883	1.7	120	0.00	7.55- 8.03
29 m	cis-1,2-DICHLOROETHYLE	1.613	1.436	11.0	126	0.00	8.04- 8.45
30 m	ETHYL ACETATE	9.780	7.884	19.4	104	0.00	8.25- 8.67
31 m	CHLOROFORM	4.536	3.958	12.7	116	0.00	8.35- 8.76
32 m	1,1,1-TRICHLOROETHANE	4.569	4.524	1.0	122	0.00	9.34- 9.76
33 m	CARBON TETRACHLORIDE	5.011	5.116	-2.1	124	0.00	9.95-10.36
34 m	1,2-DICHLOROETHANE	3.659	3.579	2.2	116	0.00	9.09- 9.50

Initial Calibration Verification

Job Number: M64701 **Sample:** MSQ185-ICV185
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3395.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	118	0.00	10.14-10.55
36	m	BENZENE	1.039	0.847	18.5	121	0.00	9.81-10.22
37	m	CYCLOHEXANE	0.348	0.325	6.6	130	0.00	10.08-10.49
38	m	TRICHLOROETHYLENE	0.566	0.496	12.4	122	0.00	10.89-11.20
39	m	1,2-DICHLOROPROPANE	0.495	0.388	21.6	110	0.00	10.61-11.02
40	m	BROMODICHLOROMETHANE	0.964	0.867	10.1	119	0.00	10.86-11.17
41	m	2,2,4-TRIMETHYLPENTANE	2.427	1.849	23.8	108	0.00	10.87-11.28
42	m	1,4-DIOXANE	0.189	0.162	14.3	121	0.00	10.78-11.30
43	m	HEPTANE	1.038	0.804	22.5	102	0.00	11.17-11.48
44	m	METHYL ISOBUTYL KETONE	1.492	1.101	26.2	96	0.00	11.70-12.14
45	m	cis-1,3-DICHLOROPROPEN	0.659	0.536	18.7	107	0.00	11.69-12.10
46	m	TOLUENE	0.687	0.603	12.2	122	0.00	12.68-13.09
47	m	trans-1,3-DICHLOROPROP	0.566	0.566	0.0	127	0.00	12.26-12.57
48	m	1,1,2-TRICHLOROETHANE	0.416	0.328	21.2	115	0.00	12.42-12.78
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	109	0.00	14.54-14.85
50	m	2-HEXANONE	1.415	1.150	18.7	97	0.00	12.92-13.32
			True	Calc.	% Drift			
51	m	TETRACHLOROETHYLENE	10.000	12.345	-23.5	134	0.00	13.83-14.24
			AvgRF	CCRF	% Dev			
52	m	DIBROMOCHLOROMETHANE	0.994	1.022	-2.8	130	0.00	13.14-13.50
53	m	1,2-DIBROMOETHANE	0.864	0.797	7.8	122	0.00	13.42-13.73
54	m	CHLOROBENZENE	1.059	0.979	7.6	124	0.00	14.59-14.90
55	m	ETHYLBENZENE	1.859	1.727	7.1	117	0.00	14.95-15.31
56	m	m,p-XYLENE	0.683	0.627	8.2	121	0.00	15.15-15.51
57	m	o-XYLENE	0.706	0.640	9.3	122	0.00	15.65-16.01
58	m	STYRENE	0.884	0.911	-3.1	125	0.00	15.55-15.86
59	m	NONANE	1.878	1.465	22.0	101	0.00	15.88-16.19
60	m	BROMOFORM	0.781	0.869	-11.3	139	0.00	15.27-15.58
61	S	4-BROMOFLUOROBENZENE	0.859	0.873	-1.6	107	0.00	16.18-16.49
62	m	1,1,2,2-TETRACHLOROETH	1.253	1.052	16.0	114	0.00	15.67-15.98
63	m	ISOPROPYLBENZENE	2.051	1.913	6.7	119	0.00	16.32-16.63
64	m	2-CHLOROTOLUENE	1.601	1.485	7.2	114	0.00	16.82-17.24
65	m	4-ETHYLTOLUENE	1.804	1.855	-2.8	127	0.00	17.09-17.36
66	m	1,3,5-TRIMETHYLBENZENE	1.748	1.695	3.0	121	0.00	17.18-17.44
67	m	1,2,4-TRIMETHYLBENZENE	1.656	1.645	0.7	115	0.00	17.62-17.93
68	m	m-DICHLOROBENZENE	0.969	1.006	-3.8	124	0.00	17.79-18.12
69	m	BENZYL CHLORIDE	1.127	1.270	-12.7	119	0.00	17.78-18.09
70	m	p-DICHLOROBENZENE	0.893	0.968	-8.4	124	0.00	17.91-18.15
71	m	o-DICHLOROBENZENE	0.867	1.013	-16.8	134	0.00	18.26-18.57
			True	Calc.	% Drift			
72	m	HEXACHLOROBUTADIENE	10.000	14.941	-49.4#	184	0.00	20.61-21.02
73	m	1,2,4-TRICHLOROBENZENE	10.000	14.534	-45.3#	189	0.00	20.12-20.53
			AvgRF	CCRF	% Dev			
74	m	NAPHTHALENE		----------NA----------				

(#) = Out of Range SPCC's out = 0 CCC's out = 0
Q3393.D Q051507T.m Wed May 16 12:02:13 2007 RPT1

Continuing Calibration Summary

Job Number: M64701 **Sample:** MSQ186-CC185
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3396.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

```
Data File : C:\msdchem\1\DATA\Q3396.D                    Vial: 3
Acq On    : 16 May 2007  12:25 pm                   Operator: PhilipB
Sample    : CC185-10 (M068)                         Inst    : MAMSQ
Misc      : MS13579,MSQ186,,,,,1                    Multiplr: 1.00
MS Integration Params: LSCINT.P

Method       : C:\msdchem\1\METHODS\Q051507T.m (RTE Integrator)
Title        :  TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update  : Wed May 16 11:12:42 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	107	0.00	8.22- 8.63
2	m	DICHLORODIFLUOROMETHAN	8.349	8.250	1.2	103	0.00	3.38- 3.80
3	m	PROPYLENE	2.958	3.120	-5.5	107	0.00	3.31- 3.72
4	m	FREON 114	8.475	8.698	-2.6	104	0.00	3.65- 4.06
5	m	CHLOROMETHANE	3.727	3.955	-6.1	106	0.00	3.55- 3.96
6	m	VINYL CHLORIDE	3.084	3.158	-2.4	103	0.00	3.77- 4.18
7	m	1,3-BUTADIENE	3.149	3.280	-4.2	110	0.00	3.91- 4.32
		----------	True	Calc.	% Drift	----------		
8	m	BROMOMETHANE	10.000	10.972	-9.7	101	0.00	4.19- 4.60
		----------	AvgRF	CCRF	% Dev	----------		
9	m	CHLOROETHANE	1.309	1.320	-0.8	99	0.00	4.36- 4.78
10	m	TRICHLOROFLUOROMETHANE	9.183	7.856	14.5	90	0.00	5.18- 5.59
11	m	ISOPROPYL ALCOHOL	5.867	4.104	30.0	81	0.00	5.20- 5.68
12	m	ACETONE	5.219	4.251	18.5	88	0.00	4.98- 5.39
13	m	PENTANE	2.842	2.090	26.5	82	0.00	5.61- 5.92
14	m	1,1-DICHLOROETHYLENE	2.451	2.126	13.3	90	0.00	5.86- 6.27
15	m	CARBON DISULFIDE	5.942	5.259	11.5	92	0.00	6.31- 6.73
16	m	ETHANOL	1.201	1.147	4.5	102	0.00	4.43- 4.90
		----------	True	Calc.	% Drift	----------		
17	m	BROMOETHENE	10.000	10.528	-5.3	94	0.00	4.73- 5.14
18	m	METHYLENE CHLORIDE	10.000	9.182	8.2	83	0.00	6.04- 6.34
19	m	3-CHLOROPROPENE	10.000	8.790	12.1	90	0.00	6.11- 6.53
		----------	AvgRF	CCRF	% Dev	----------		
20	m	FREON 113	4.327	4.499	-4.0	97	0.00	6.26- 6.67
21	m	TRANS-1,2-DICHLOROETHY	2.123	2.089	1.6	95	0.00	6.97- 7.38
22	m	TERTIARY BUTYL ALCOHOL	5.232	4.415	15.6	87	0.00	5.83- 6.34
23	m	METHYL TERTIARY BUTYL	4.887	4.826	1.2	98	0.00	7.23- 7.65
24	m	TETRAHYDROFURAN	3.014	3.035	-0.7	114	0.00	8.81- 9.10
25	m	HEXANE	3.289	3.104	5.6	120	0.00	8.25- 8.66
26	m	VINYL ACETATE	5.409	4.404	18.6	96	0.00	7.36- 7.71
27	m	1,1-DICHLOROETHANE	4.284	3.956	7.7	95	0.00	7.18- 7.60
28	m	METHYL ETHYL KETONE	5.984	6.318	-5.6	117	0.00	7.55- 8.03
29	m	cis-1,2-DICHLOROETHYLE	1.613	1.472	8.7	117	0.00	8.04- 8.46
30	m	ETHYL ACETATE	9.780	10.164	-3.9	121	0.00	8.25- 8.67
31	m	CHLOROFORM	4.536	4.329	4.6	114	0.00	8.35- 8.76
32	m	1,1,1-TRICHLOROETHANE	4.569	4.590	-0.5	112	0.00	9.34- 9.75
33	m	CARBON TETRACHLORIDE	5.011	5.158	-2.9	113	0.00	9.95-10.36
34	m	1,2-DICHLOROETHANE	3.659	3.737	-2.1	110	0.00	9.09- 9.50

Continuing Calibration Summary

Job Number: M64701 **Sample:** MSQ186-CC185
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3396.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	110	0.00	10.14-10.55
36	m	BENZENE	1.039	0.832	19.9	110	0.00	9.81-10.22
37	m	CYCLOHEXANE	0.348	0.313	10.1	116	0.00	10.08-10.49
38	m	TRICHLOROETHYLENE	0.566	0.500	11.7	114	0.00	10.90-11.21
39	m	1,2-DICHLOROPROPANE	0.495	0.399	19.4	105	0.00	10.62-11.03
40	m	BROMODICHLOROMETHANE	0.964	0.880	8.7	112	0.00	10.86-11.17
41	m	2,2,4-TRIMETHYLPENTANE	2.427	2.004	17.4	108	0.00	10.87-11.28
42	m	1,4-DIOXANE	0.189	0.159	15.9	109	0.00	10.78-11.31
43	m	HEPTANE	1.038	0.921	11.3	108	0.00	11.17-11.48
44	m	METHYL ISOBUTYL KETONE	1.492	1.350	9.5	109	0.00	11.70-12.13
45	m	cis-1,3-DICHLOROPROPEN	0.659	0.573	13.1	106	0.00	11.69-12.10
46	m	TOLUENE	0.687	0.614	10.6	115	0.00	12.67-13.09
47	m	trans-1,3-DICHLOROPROP	0.566	0.602	-6.4	125	0.00	12.26-12.57
48	m	1,1,2-TRICHLOROETHANE	0.416	0.337	19.0	109	0.00	12.42-12.78
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	110	0.00	14.54-14.85
50	m	2-HEXANONE	1.415	1.295	8.5	110	0.00	12.91-13.32
			True	Calc.	% Drift			
51	m	TETRACHLOROETHYLENE	10.000	11.021	-10.2	117	0.00	13.83-14.24
			AvgRF	CCRF	% Dev			
52	m	DIBROMOCHLOROMETHANE	0.994	0.932	6.2	119	0.00	13.14-13.50
53	m	1,2-DIBROMOETHANE	0.864	0.745	13.8	115	0.00	13.42-13.73
54	m	CHLOROBENZENE	1.059	0.910	14.1	115	0.00	14.59-14.89
55	m	ETHYLBENZENE	1.859	1.692	9.0	115	0.00	14.95-15.31
56	m	m,p-XYLENE	0.683	0.599	12.3	116	0.00	15.15-15.51
57	m	o-XYLENE	0.706	0.601	14.9	115	0.00	15.65-16.01
58	m	STYRENE	0.884	0.835	5.5	115	0.00	15.55-15.86
59	m	NONANE	1.878	1.575	16.1	109	0.00	15.88-16.19
60	m	BROMOFORM	0.781	0.763	2.3	122	0.00	15.27-15.58
61	S	4-BROMOFLUOROBENZENE	0.859	0.898	-4.5	111	0.00	16.18-16.49
62	m	1,1,2,2-TETRACHLOROETH	1.253	1.017	18.8	111	0.00	15.66-15.97
63	m	ISOPROPYLBENZENE	2.051	1.779	13.3	111	0.00	16.33-16.64
64	m	2-CHLOROTOLUENE	1.601	1.394	12.9	108	0.00	16.83-17.24
65	m	4-ETHYLTOLUENE	1.804	1.729	4.2	119	0.00	17.09-17.36
66	m	1,3,5-TRIMETHYLBENZENE	1.748	1.600	8.5	115	0.00	17.18-17.44
67	m	1,2,4-TRIMETHYLBENZENE	1.656	1.561	5.7	109	0.00	17.62-17.93
68	m	m-DICHLOROBENZENE	0.969	0.893	7.8	111	0.00	17.79-18.12
69	m	BENZYL CHLORIDE	1.127	1.194	-5.9	113	0.00	17.78-18.09
70	m	p-DICHLOROBENZENE	0.893	0.846	5.3	109	0.00	17.91-18.15
71	m	o-DICHLOROBENZENE	0.867	0.868	-0.1	116	0.00	18.26-18.57
			True	Calc.	% Drift			
72	m	HEXACHLOROBUTADIENE	10.000	12.992	-29.9	150	0.00	20.60-21.02
73	m	1,2,4-TRICHLOROBENZENE	10.000	12.740	-27.4	158	0.00	20.12-20.53
			AvgRF	CCRF	% Dev			
74	m	NAPHTHALENE			NA			

(#) = Out of Range SPCC's out = 0 CCC's out = 0
Q3393.D Q051507T.m Wed May 16 13:30:42 2007 RPT1

GC/MS Volatiles

Raw Data

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/18/07 11:40

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10324.D
Acq On : 11 May 2007 8:13 pm
Operator : danat
Sample : M64701-1 (M061)
Misc : MS13551, MSJ534,,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 14 11:25:21 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 11:09:51 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	273449	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	948294	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.68	117	771126	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.30	95	210289	4.65	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 93.00%

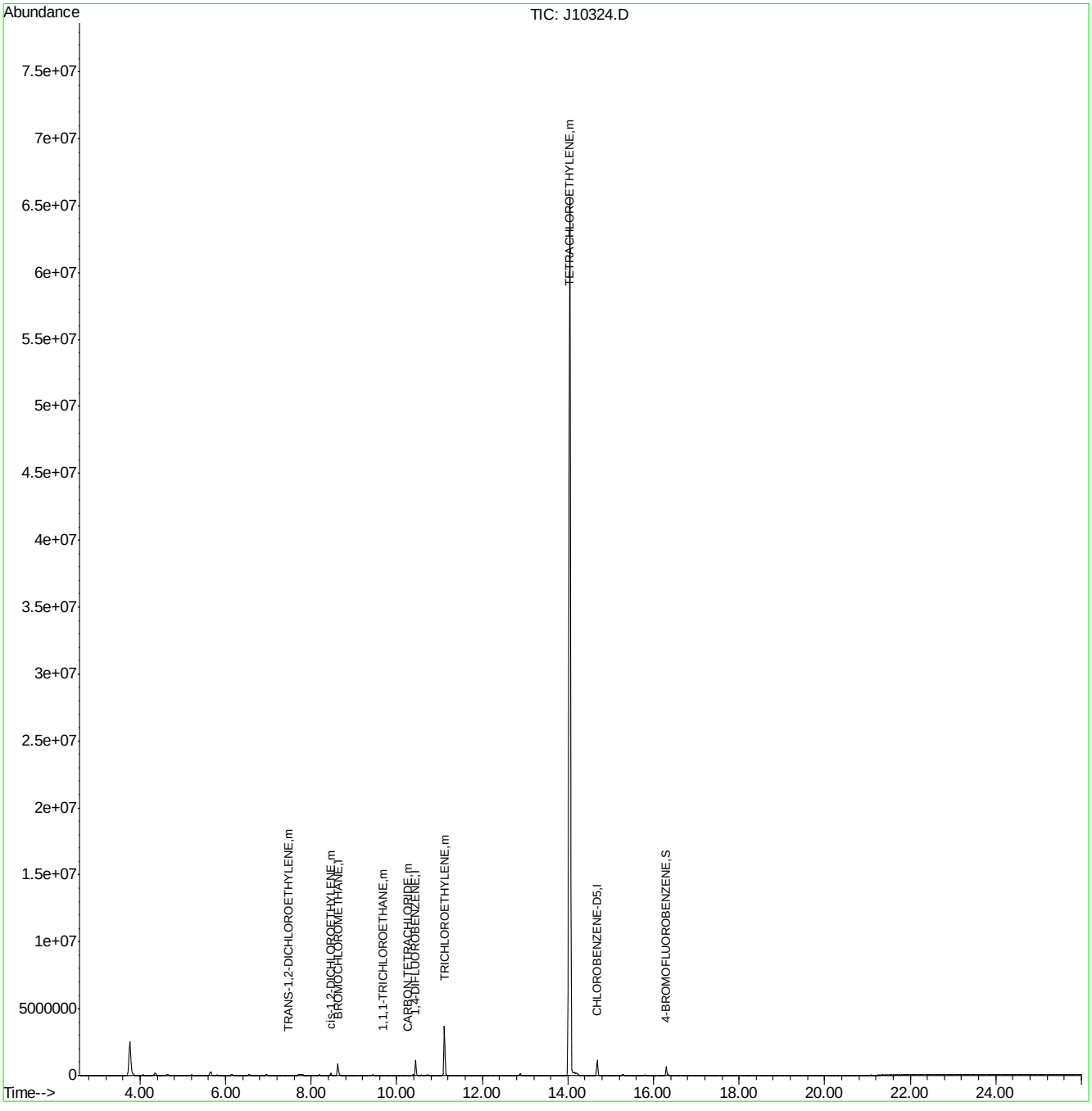
Target Compounds						Qvalue
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	5672	0.24	PPBV	93
29) cis-1,2-DICHLOROETHYLENE	8.46	96	80929	3.66	PPBV	97
32) 1,1,1-TRICHLOROETHANE	9.69	97	12732	0.19	PPBV	97
33) CARBON TETRACHLORIDE	10.26	117	9291	0.11	PPBV	91
38) TRICHLOROETHYLENE	11.11	95	1074150	46.78	PPBV	98
51) TETRACHLOROETHYLENE	14.03	164	25259329m	969.83	PPBV	

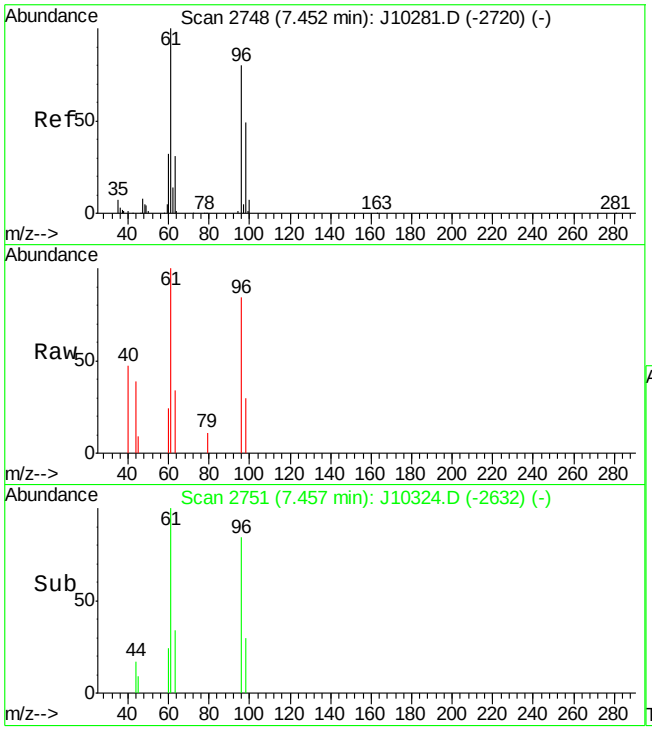
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10324.D
Acq On : 11 May 2007 8:13 pm
Operator : danat
Sample : M64701-1 (M061)
Misc : MS13551, MSJ534,,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 14 11:25:21 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 11:09:51 2007
Response via : Initial Calibration

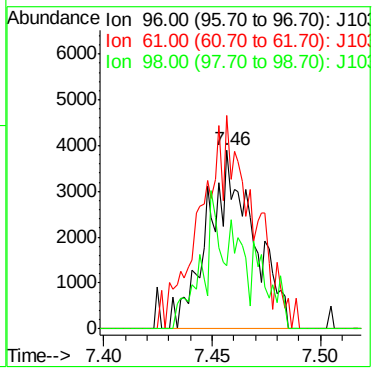


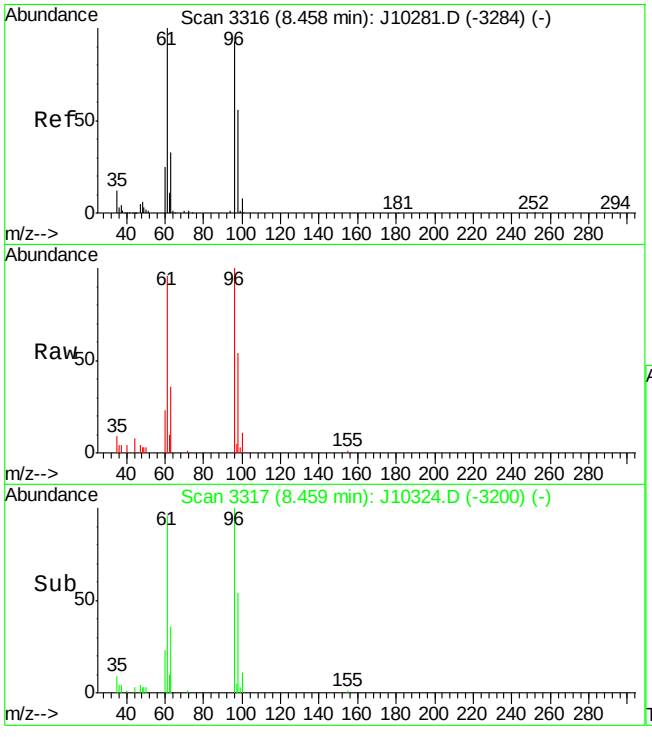


#21
TRANS-1,2-DICHLOROETHYLENE
Concen: 0.24 PPBV
RT: 7.46 min Scan# 2751
Delta R.T. 0.01 min
Lab File: J10324.D
Acq: 11 May 2007 8:13 pm

Tgt Ion: 96 Resp: 5672

Ion	Ratio	Lower	Upper
96	100		
61	136.7	109.1	149.1
98	70.0	44.1	84.1

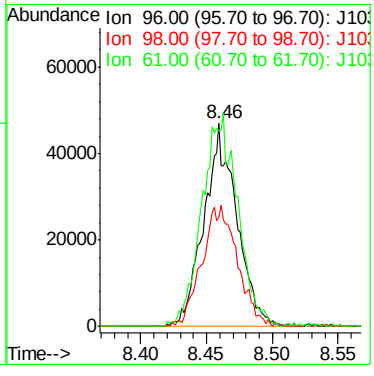


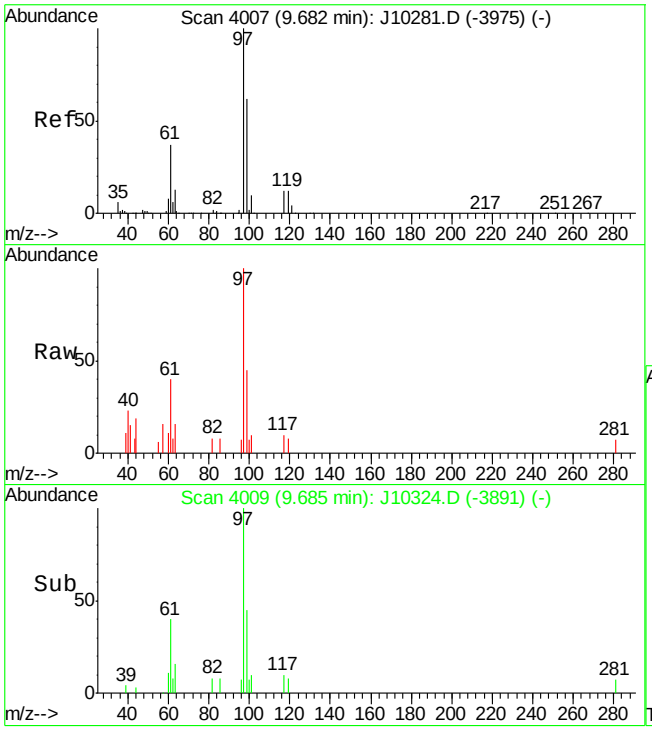


#29
cis-1,2-DICHLOROETHYLENE
Concen: 3.66 PPBV
RT: 8.46 min Scan# 3317
Delta R.T. 0.00 min
Lab File: J10324.D
Acq: 11 May 2007 8:13 pm

Tgt Ion: 96 Resp: 80929

Ion	Ratio	Lower	Upper
96	100		
98	64.9	44.3	84.3
61	114.2	98.4	138.4

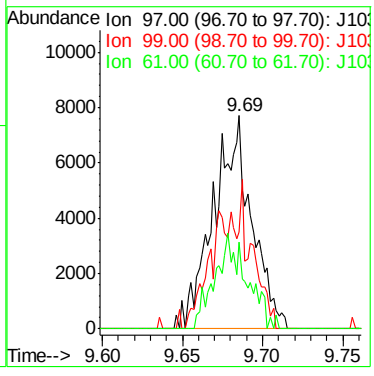


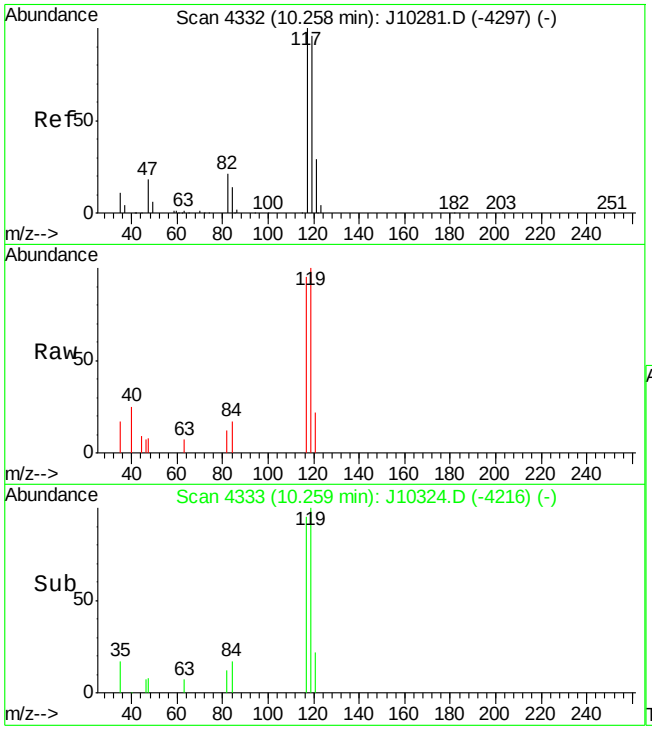


#32
1,1,1-TRICHLOROETHANE
Concen: 0.19 PPBV
RT: 9.69 min Scan# 4009
Delta R.T. 0.00 min
Lab File: J10324.D
Acq: 11 May 2007 8:13 pm

Tgt Ion: 97 Resp: 12732

Ion	Ratio	Lower	Upper
97	100		
99	63.2	45.4	85.4
61	36.7	19.5	59.5

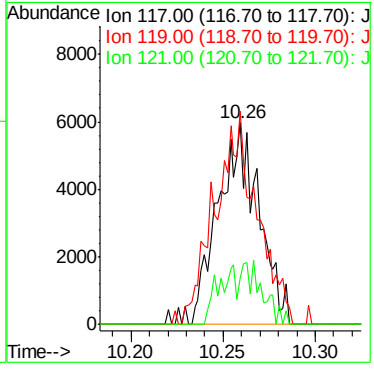


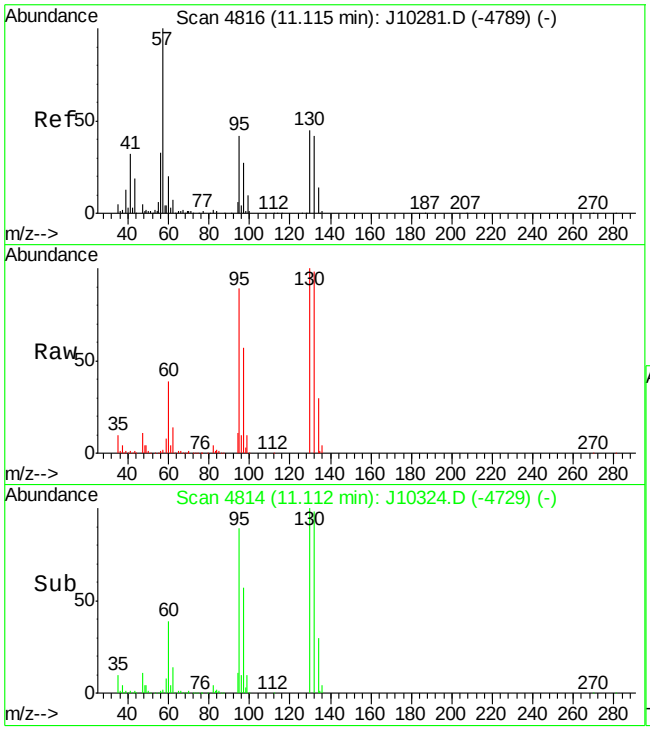


#33
CARBON TETRACHLORIDE
Concen: 0.11 PPBV
RT: 10.26 min Scan# 4333
Delta R.T. 0.00 min
Lab File: J10324.D
Acq: 11 May 2007 8:13 pm

Tgt Ion:117 Resp: 9291

Ion	Ratio	Lower	Upper
117	100		
119	106.9	77.0	117.0
121	28.6	11.3	51.3

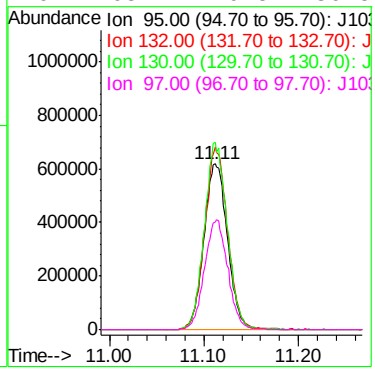


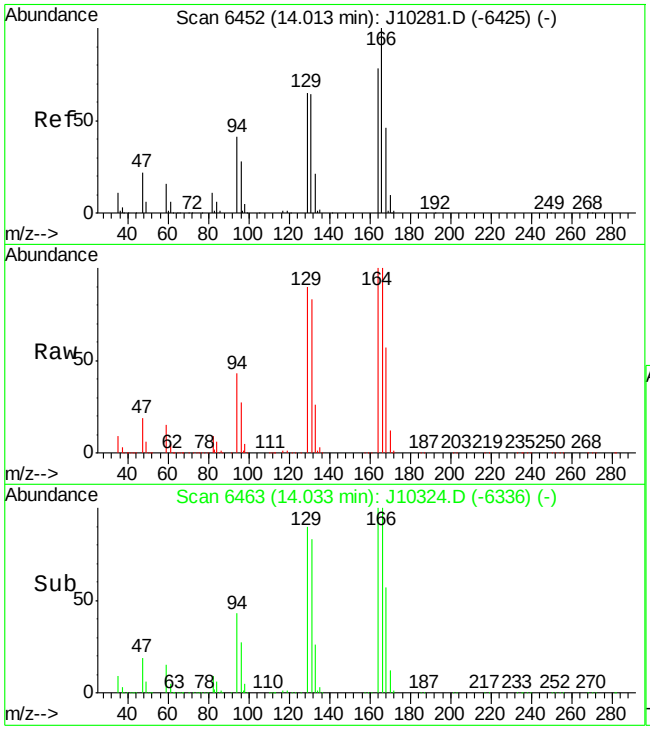


#38
TRICHLOROETHYLENE
Concen: 46.78 PPBV
RT: 11.11 min Scan# 4814
Delta R.T. -0.00 min
Lab File: J10324.D
Acq: 11 May 2007 8:13 pm

Tgt Ion: 95 Resp: 1074150

Ion	Ratio	Lower	Upper
95	100		
132	106.3	84.0	124.0
130	109.3	88.0	128.0
97	65.2	46.5	86.5

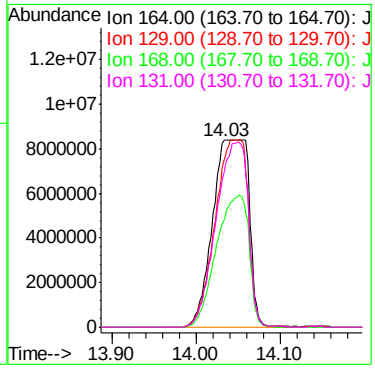




#51
TETRACHLOROETHYLENE
Concen: 969.83 PPBV m
RT: 14.03 min Scan# 6463
Delta R.T. 0.02 min
Lab File: J10324.D
Acq: 11 May 2007 8:13 pm

Tgt Ion:164 Resp:25259329

Ion	Ratio	Lower	Upper
164	100		
129	0.0	67.6	107.6#
168	0.0	42.8	82.8#
131	0.0	64.5	104.5#

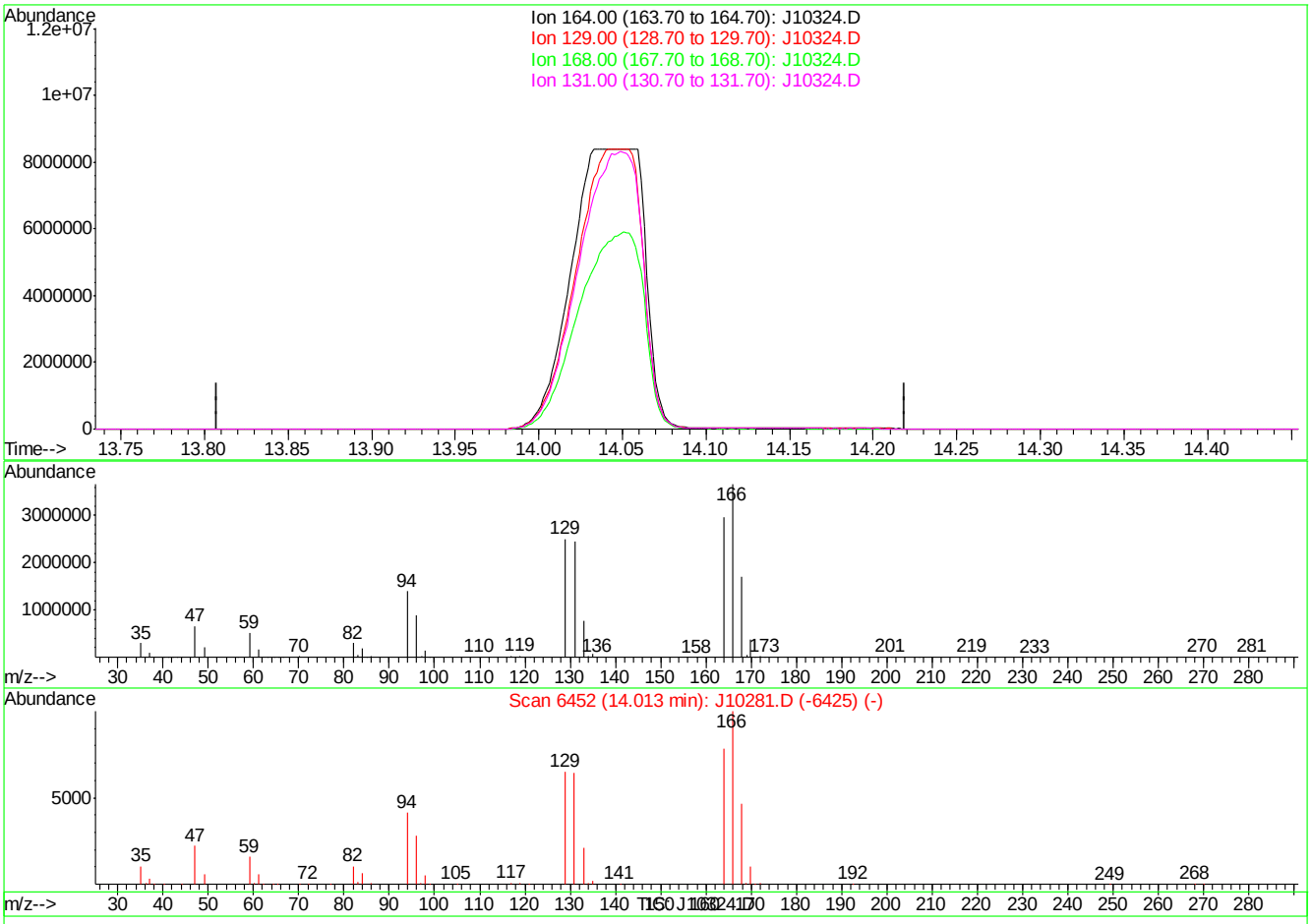


Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10324.D Vial: 10
Acq On : 11 May 2007 8:13 pm Operator: danat
Sample : M64701-1 (M061) Inst : MSJ
Misc : MS13551, MSJ534,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 13 11:44:06 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 11:09:51 2007
Response via : Multiple Level Calibration



(51) TETRACHLOROETHYLENE (m)

14.01min 0.00PPBV

response 0

Ion	Exp%	Act%
164.00	100	0.00
129.00	87.60	0.00#
168.00	62.80	0.00#
131.00	84.50	0.00#

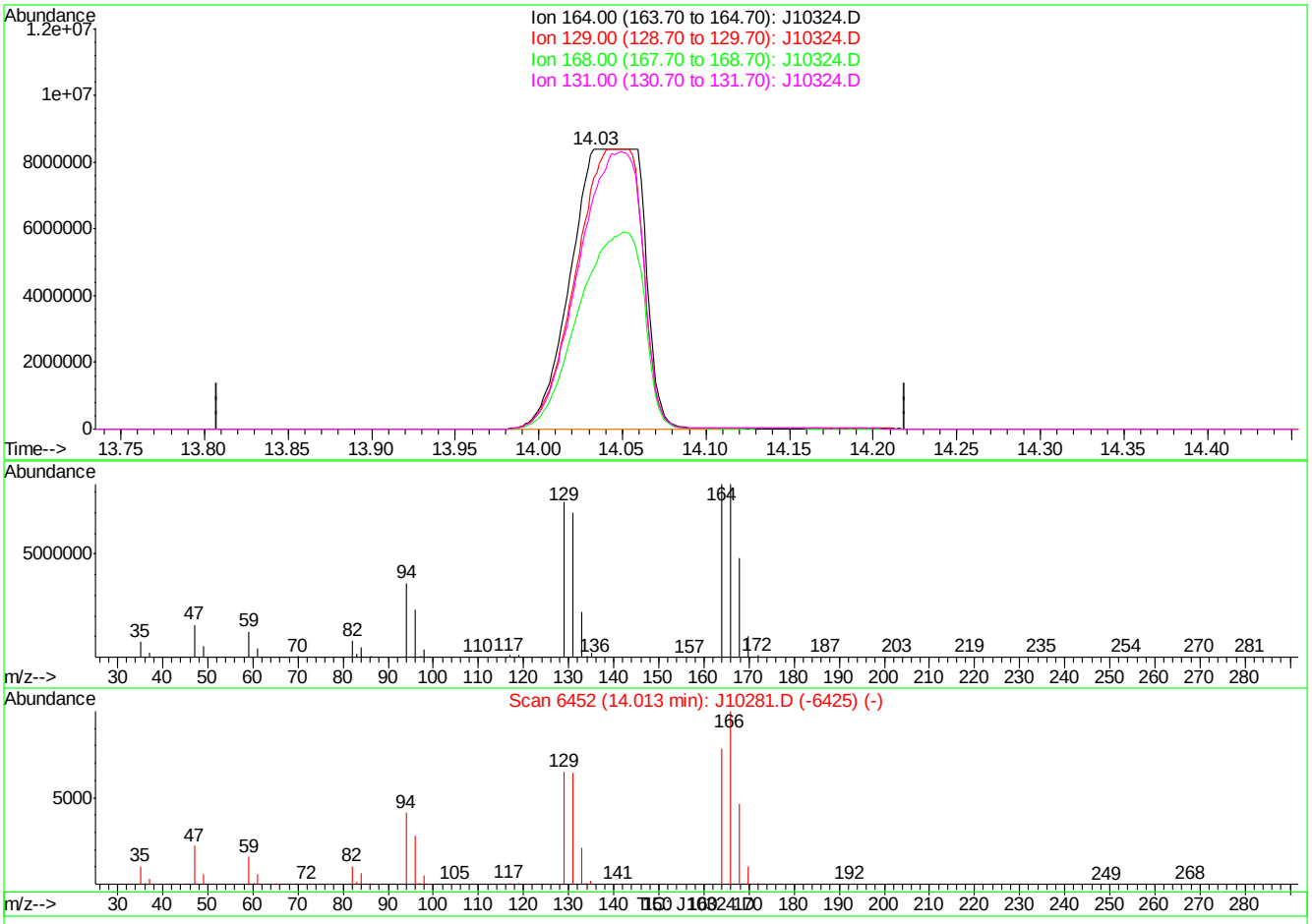
J10324.D J050907T.M Mon May 14 11:25:02 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10324.D Vial: 10
Acq On : 11 May 2007 8:13 pm Operator: danat
Sample : M64701-1 (M061) Inst : MSJ
Misc : MS13551, MSJ534,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 13 11:44:06 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 11:09:51 2007
Response via : Multiple Level Calibration



(51) TETRACHLOROETHYLENE (m)

14.03min 969.83PPBV m

response 25259329

Ion	Exp%	Act%
164.00	100	100
129.00	87.60	0.00#
168.00	62.80	0.00#
131.00	84.50	0.00#

J10324.D J050907T.M Mon May 14 11:25:07 2007

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3399.D
Acq On : 16 May 2007 3:51 pm
Operator : PhilipB
Sample : M64701-1
Misc : MS13579,MSQ186,,,,,20
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 16 16:37:42 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.420	128	105098	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.344	114	516529	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.694	117	448029	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.332	95	159676	4.15	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 83.00%

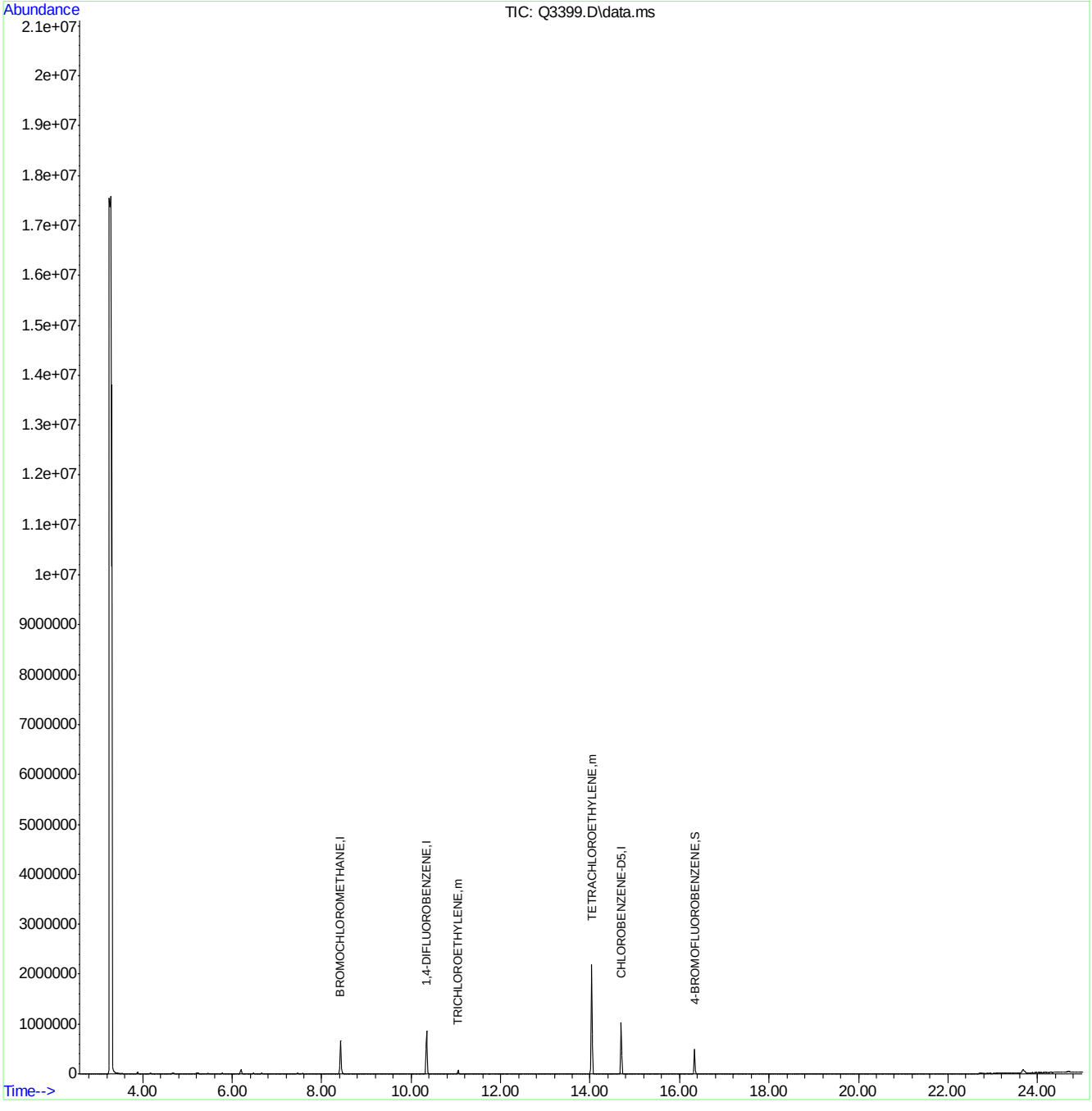
Target Compounds						Qvalue
38) TRICHLOROETHYLENE	11.049	95	23320	0.80	PPBV #	82
51) TETRACHLOROETHYLENE	14.036	164	294535	17.17	PPBV #	82

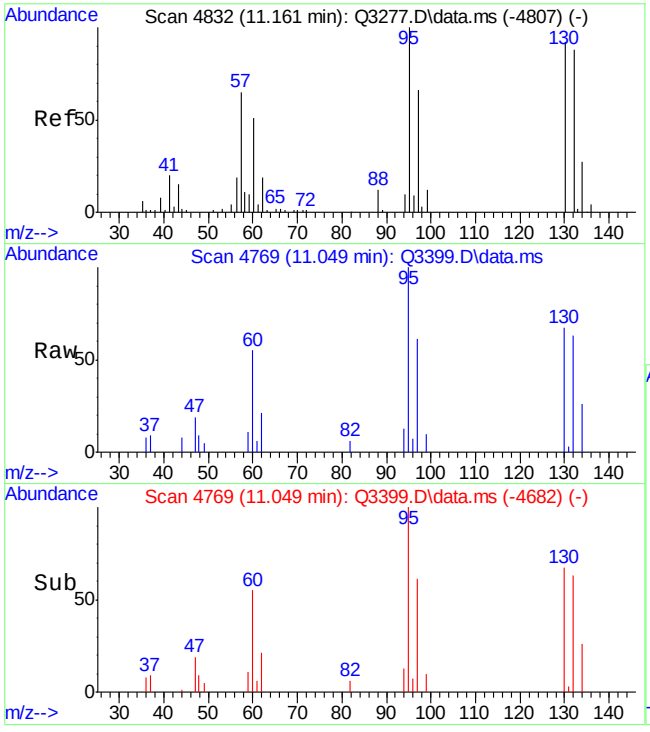
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3399.D
Acq On : 16 May 2007 3:51 pm
Operator : PhilipB
Sample : M64701-1
Misc : MS13579,MSQ186,,,,,20
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 16 16:37:42 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

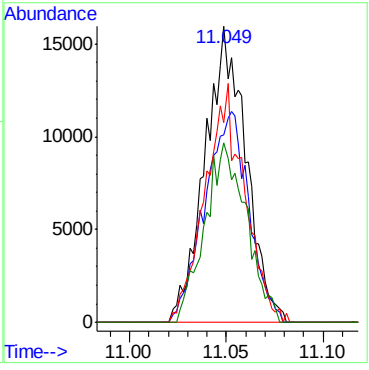


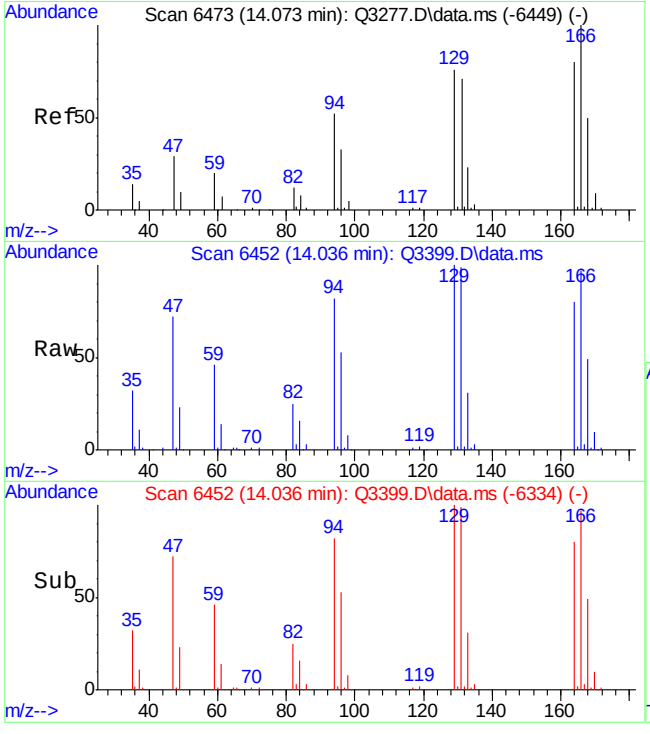


#38
TRICHLOROETHYLENE
Concen: 0.80 PPBV
RT: 11.049 min Scan# 4769
Delta R.T. 0.000 min
Lab File: Q3399.D
Acq: 16 May 2007 3:51 pm

Tgt Ion: 95 Resp: 23320

Ion	Ratio	Lower	Upper
95	100		
132	76.8	81.0	121.0#
130	77.4	78.3	118.3#
97	61.7	45.7	85.7

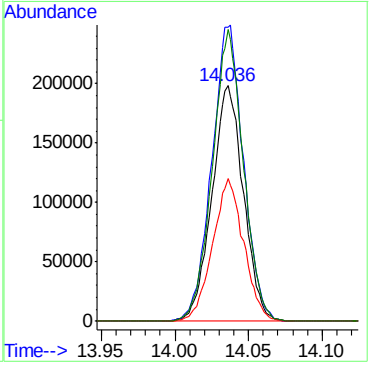




#51
TETRACHLOROETHYLENE
Concen: 17.17 PPBV
RT: 14.036 min Scan# 6452
Delta R.T. 0.004 min
Lab File: Q3399.D
Acq: 16 May 2007 3:51 pm

Tgt Ion:164 Resp: 294535

Ion	Ratio	Lower	Upper
164	100		
129	126.3	79.0	119.0#
168	59.7	40.2	80.2
131	121.6	82.5	122.5



Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10315.D
Acq On : 11 May 2007 12:55 pm
Operator : danat
Sample : MB (M001)
Misc : MS13540, MSJ534,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 11 14:21:51 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 11:09:51 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	263075	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1164048	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1061536	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	282871	4.54	PPBV	-0.01

Spiked Amount 5.000 Range 51 - 142 Recovery = 90.80%

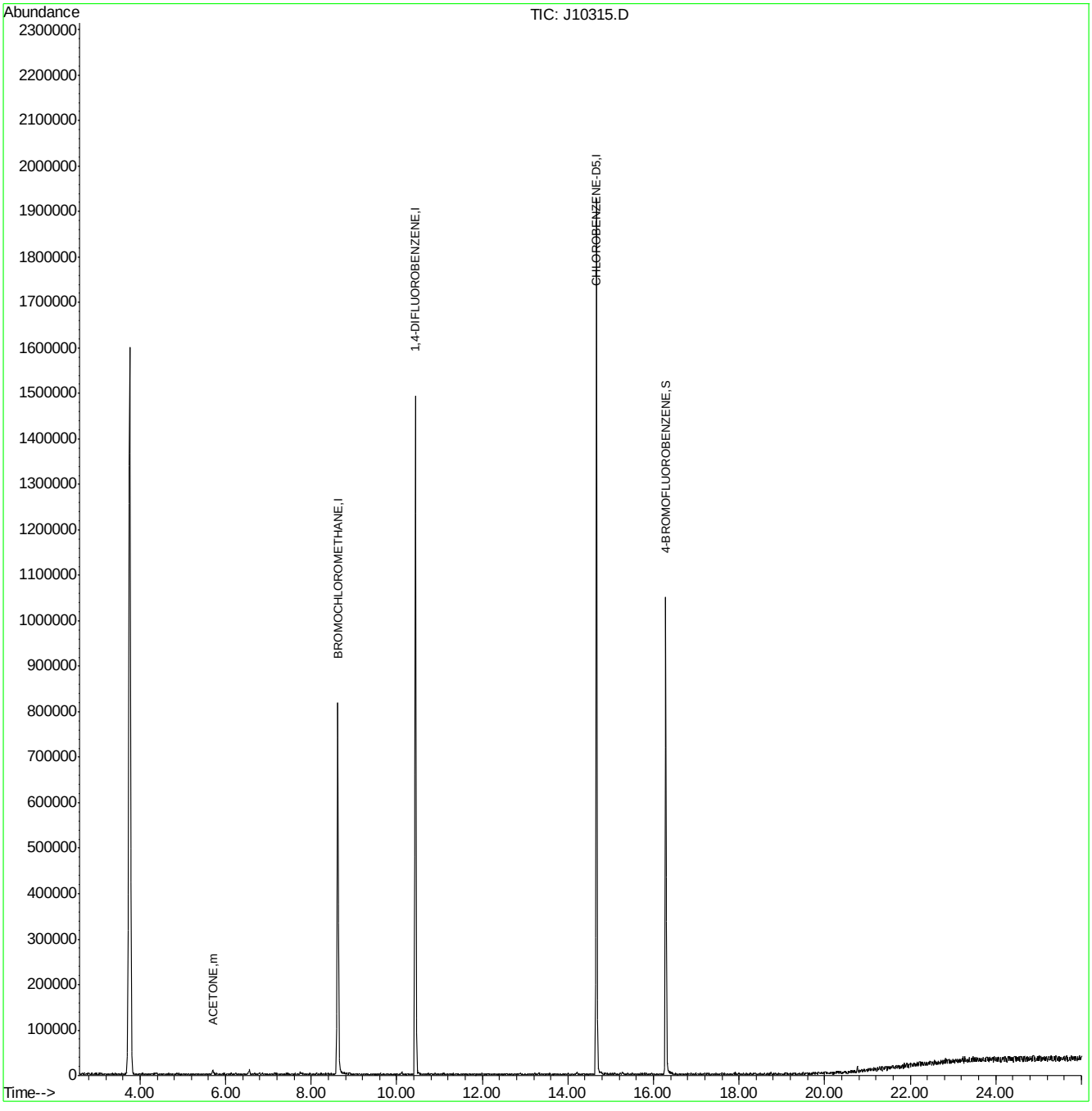
Target Compounds						Qvalue
12) ACETONE	5.71	43	13641	0.79	PPBV	61

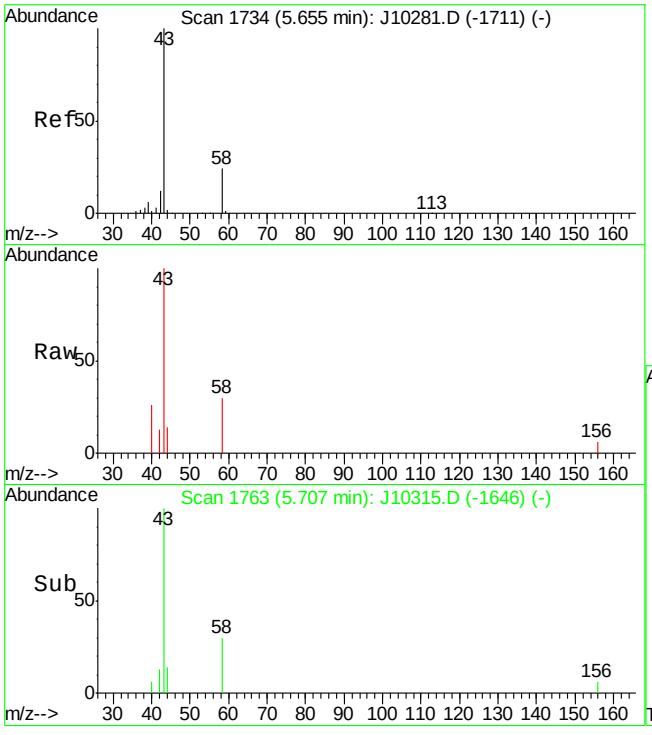
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10315.D
Acq On : 11 May 2007 12:55 pm
Operator : danat
Sample : MB (M001)
Misc : MS13540, MSJ534,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 11 14:21:51 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 11:09:51 2007
Response via : Initial Calibration

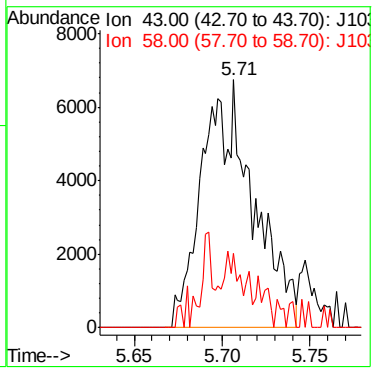




#12
ACETONE
Concen: 0.79 PPBV
RT: 5.71 min Scan# 1763
Delta R.T. 0.05 min
Lab File: J10315.D
Acq: 11 May 2007 12:55 pm

Tgt Ion: 43 Resp: 13641

Ion	Ratio	Lower	Upper
43	100		
58	6.8	6.8	46.8



6.2.1

6

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3398.D
Acq On : 16 May 2007 2:30 pm
Operator : PhilipB
Sample : MB (M142)
Misc : MS13579,MSQ186,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 16 14:59:37 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.422	128	101065	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.346	114	477882	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	421159	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.334	95	156471	4.32	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 86.40%

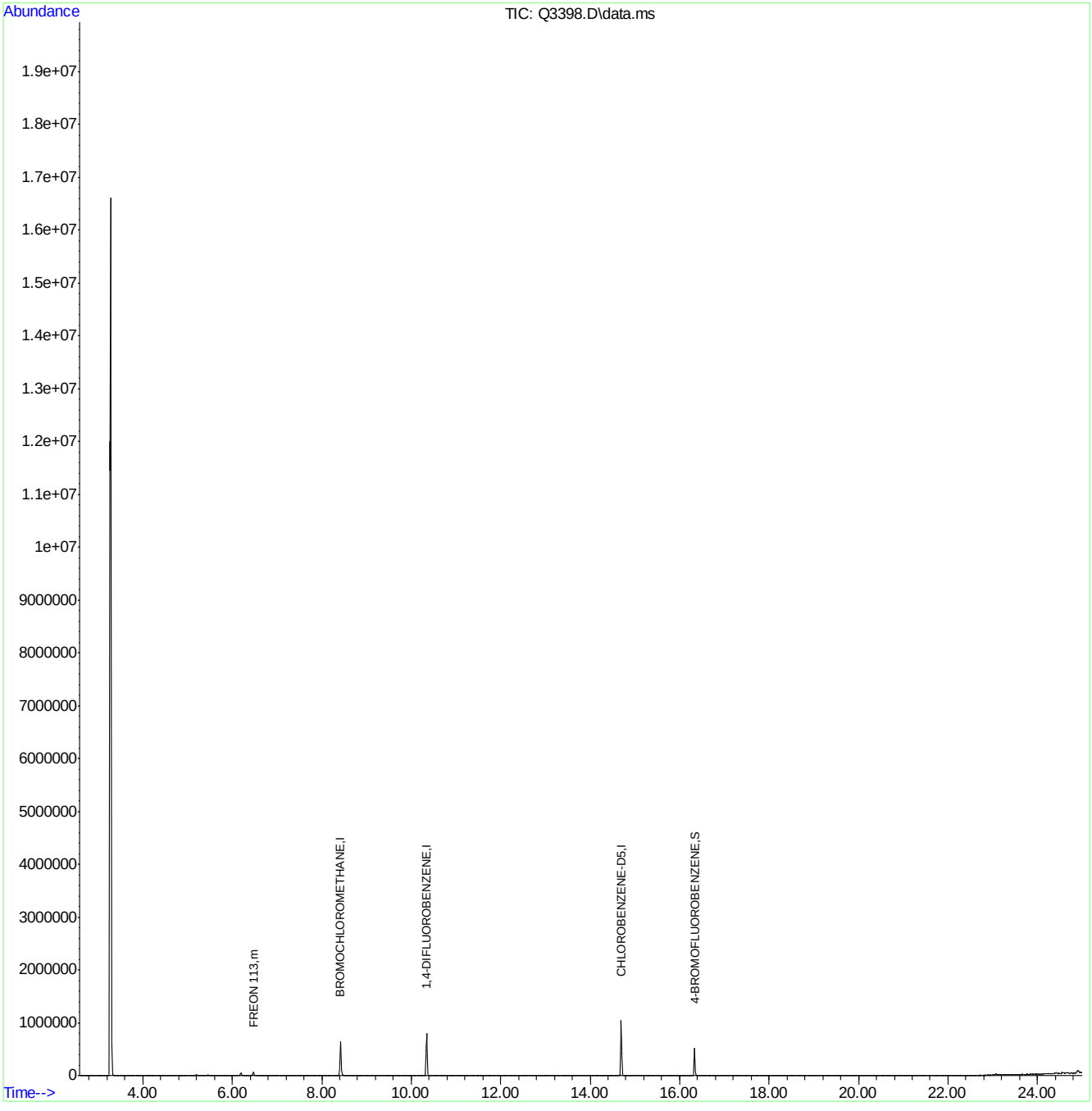
Target Compounds						Qvalue
20) FREON 113	6.472	151	19648	0.45	PPBV #	100

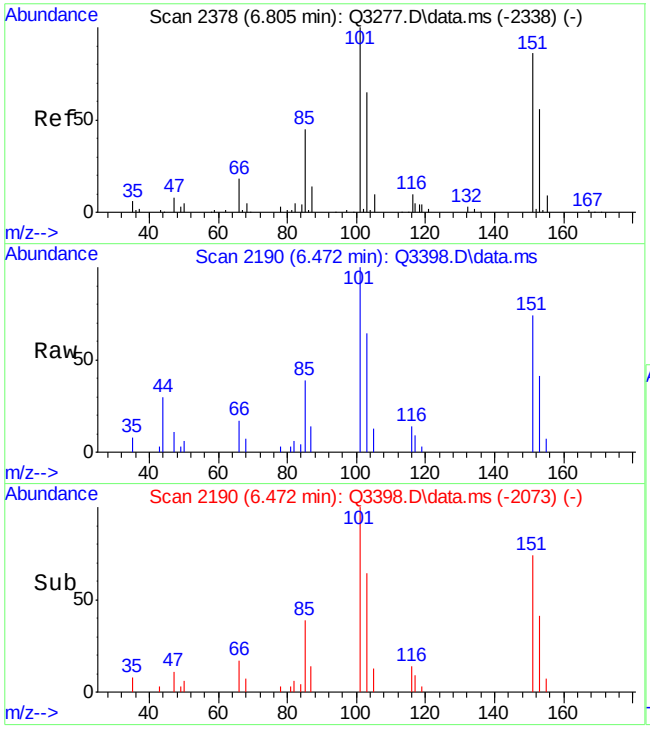
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3398.D
Acq On : 16 May 2007 2:30 pm
Operator : PhilipB
Sample : MB (M142)
Misc : MS13579,MSQ186,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 16 14:59:37 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

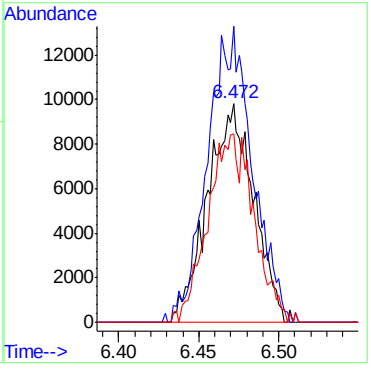




#20
FREON 113
Concen: 0.45 PPBV
RT: 6.472 min Scan# 2190
Delta R.T. 0.002 min
Lab File: Q3398.D
Acq: 16 May 2007 2:30 pm

Tgt Ion:151 Resp: 19648

Ion	Ratio	Lower	Upper
151	100		
101	131.9	0.0	20.0#
103	86.2	0.0	20.0#



6.2.2

6

ACCUTEST Laboratories
M64701

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10019.D
Acq On : 13 Apr 2007 11:20 am
Operator : PhilipB
Sample : MB (M138)
Misc : MS13358, MSJ518,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 13 13:41:28 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 17:22:46 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.61	128	377149	10.00	PPBV	-0.02
35) 1,4-DIFLUOROBENZENE	10.43	114	816029	10.00	PPBV	-0.02
49) CHLOROBENZENE-D5	14.67	117	680714	10.00	PPBV	-0.01

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	162502	3.99	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 79.80%

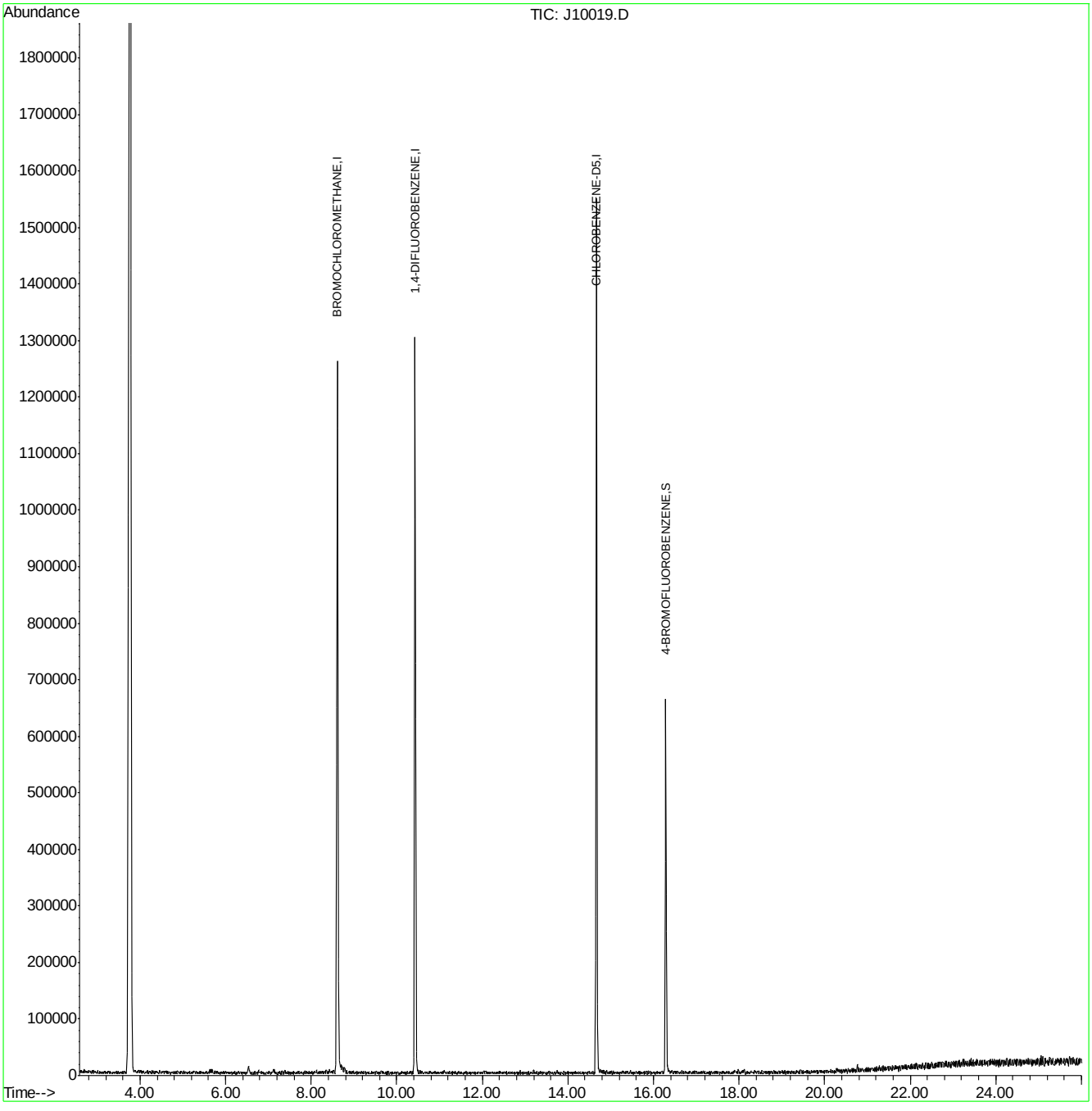
Target Compounds					Qvalue
12) ACETONE	5.69	43	2184	Below Cal	77

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10019.D
Acq On : 13 Apr 2007 11:20 am
Operator : PhilipB
Sample : MB (M138)
Misc : MS13358, MSJ518,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 13 13:41:28 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 17:22:46 2007
Response via : Initial Calibration



J040507T.M Fri Apr 13 13:41:34 2007 Page: 2

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10313A.D
Acq On : 11 May 2007 11:23 am
Operator : danat
Sample : BS (M054)
Misc : MS13540, MSJ534,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 11 11:49:52 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 11:09:51 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	280695	10.00	PPBV	0.01
35) 1,4-DIFLUOROBENZENE	10.44	114	1314316	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1205401	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.29	95	384495	5.44	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 108.80%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.08	85	937931	9.51	PPBV	99
3) PROPYLENE	4.00	41	116643	10.35	PPBV	95
4) FREON 114	4.33	85	763957	9.18	PPBV	97
5) CHLOROMETHANE	4.23	50	164817	9.00	PPBV	97
6) VINYL CHLORIDE	4.46	62	207304	9.02	PPBV	98
7) 1,3-BUTADIENE	4.59	39	140348	10.12	PPBV	100
8) BROMOMETHANE	4.86	94	263681	9.47	PPBV	99
9) CHLOROETHANE	5.03	64	102647	10.96	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.80	101	949828	9.46	PPBV	99
11) ISOPROPYL ALCOHOL	5.94	45	202761	9.57	PPBV	92
12) ACETONE	5.66	43	204658	8.20	PPBV	99
13) PENTANE	6.14	42	163382	9.67	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.43	96	240053	9.55	PPBV	98
15) CARBON DISULFIDE	6.85	76	669217	8.80	PPBV	100
16) ETHANOL	5.22	45	31146	9.39	PPBV	92
17) BROMOETHENE	5.39	106	265263	10.47	PPBV	100
18) METHYLENE CHLORIDE	6.55	84	213522	8.60	PPBV	96
19) 3-CHLOROPROPENE	6.66	39	155383	9.56	PPBV	95
20) FREON 113	6.79	151	564443	9.18	PPBV	98
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	233092	9.54	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.53	59	279918	9.66	PPBV	96
23) METHYL TERTIARY BUTYL ETHE	7.74	73	402117	9.04	PPBV	99
24) TETRAHYDROFURAN	9.18	42	113072	9.26	PPBV	99
25) HEXANE	8.64	57	212460	7.83	PPBV	99
26) VINYL ACETATE	7.80	43	226074	8.33	PPBV	99
27) 1,1-DICHLOROETHANE	7.66	63	354371	8.96	PPBV	99
28) METHYL ETHYL KETONE	8.07	43	220006	8.74	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.47	96	211355	9.31	PPBV	99
30) ETHYL ACETATE	8.69	43	237482	8.42	PPBV	99
31) CHLOROFORM	8.75	83	530392	9.11	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.68	97	658975	9.75	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	888034	9.99	PPBV	100
34) 1,2-DICHLOROETHANE	9.46	62	284427	8.86	PPBV	100
36) BENZENE	10.13	78	507552	9.05	PPBV	99
37) CYCLOHEXANE	10.37	84	274178	10.52	PPBV	99
38) TRICHLOROETHYLENE	11.12	95	296489	9.32	PPBV	99
39) 1,2-DICHLOROPROPANE	10.90	63	162221	8.59	PPBV	97
40) BROMODICHLOROMETHANE	11.09	83	502766	8.31	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	890264	10.97	PPBV	99
42) 1,4-DIOXANE	11.18	88	92337	8.47	PPBV	92
43) HEPTANE	11.36	43	240767	10.09	PPBV	97

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10313A.D
Acq On : 11 May 2007 11:23 am
Operator : danat
Sample : BS (M054)
Misc : MS13540, MSJ534,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 11 11:49:52 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 11:09:51 2007
Response via : Initial Calibration

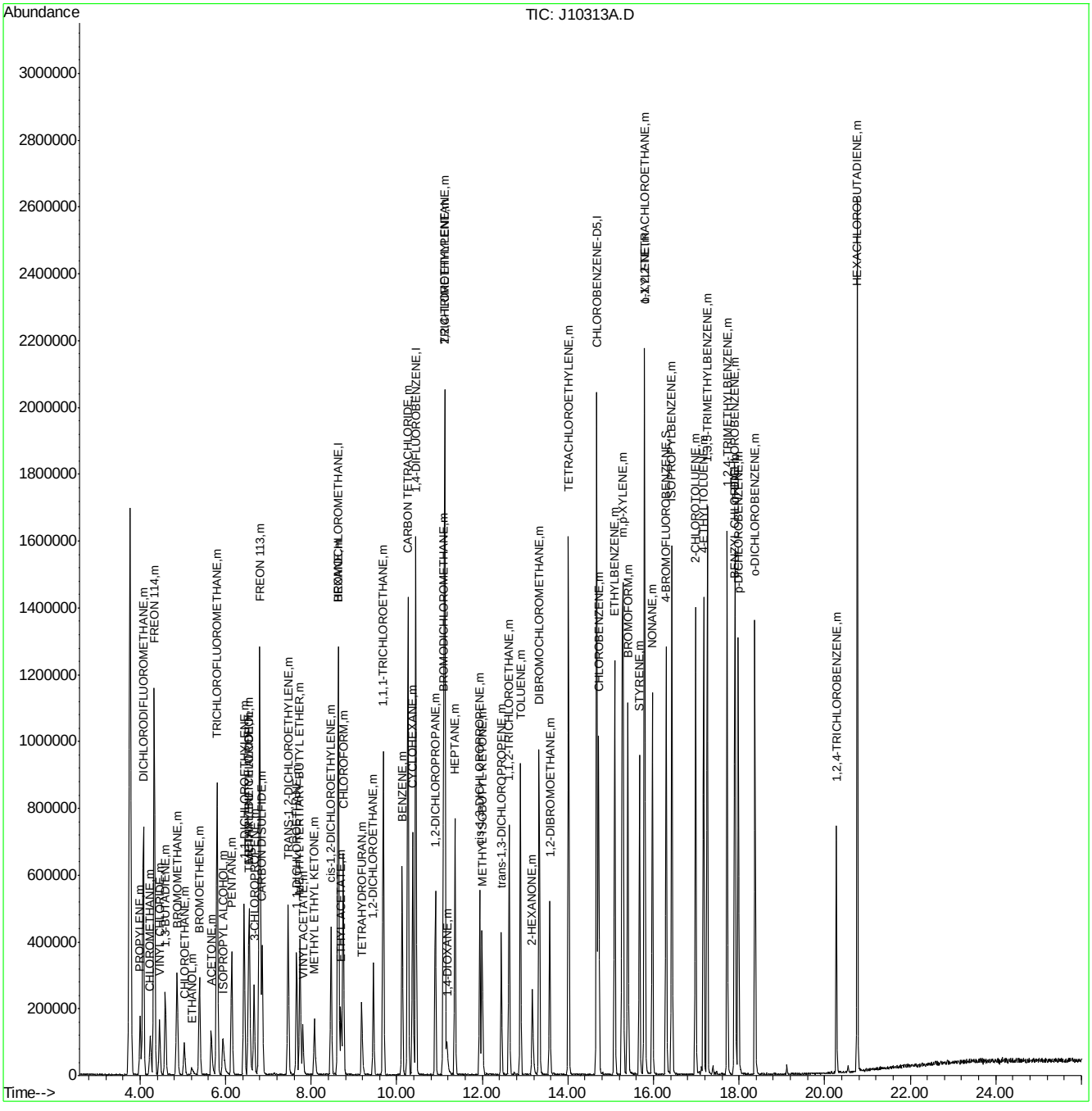
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.99	43	277193	9.36	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.94	75	265967	10.22	PPBV	99
46) TOLUENE	12.89	92	366250	9.97	PPBV	97
47) trans-1,3-DICHLOROPROPENE	12.44	75	207422	7.06	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.62	83	191188	8.90	PPBV	98
50) 2-HEXANONE	13.16	43	209740	7.37	PPBV	100
51) TETRACHLOROETHYLENE	14.01	164	356612	8.76	PPBV	99
52) DIBROMOCHLOROMETHANE	13.33	129	553676	8.45	PPBV	98
53) 1,2-DIBROMOETHANE	13.57	107	351820	8.71	PPBV	97
54) CHLOROBENZENE	14.72	112	571592	8.92	PPBV	98
55) ETHYLBENZENE	15.09	91	856234	10.44	PPBV	99
56) m,p-XYLENE	15.29	106	737814	17.38	PPBV	96
57) o-XYLENE	15.79	106	383149	8.90	PPBV	99
58) STYRENE	15.67	104	464271	8.26	PPBV	99
59) NONANE	15.97	43	347180	10.00	PPBV	98
60) BROMOFORM	15.40	173	590175	8.86	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	530898	9.39	PPBV	99
63) ISOPROPYLBENZENE	16.43	105	1102272	10.33	PPBV	100
64) 2-CHLOROTOLUENE	16.98	91	740920	10.55	PPBV	99
65) 4-ETHYLTOLUENE	17.17	105	883755	8.27	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	893429	10.65	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	802137	8.86	PPBV	98
68) m-DICHLOROBENZENE	17.91	146	599127	10.00	PPBV	97
69) BENZYL CHLORIDE	17.89	91	433275	9.27	PPBV	100
70) p-DICHLOROBENZENE	17.98	146	538135	9.82	PPBV	99
71) o-DICHLOROBENZENE	18.37	146	547799	10.26	PPBV	100
72) HEXACHLOROBUTADIENE	20.76	225	452593	13.85	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.28	180	202628	11.66	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10313A.D
Acq On : 11 May 2007 11:23 am
Operator : danat
Sample : BS (M054)
Misc : MS13540, MSJ534,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 11 11:49:52 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 11:09:51 2007
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/18/07 11:39

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3396A.D
Acq On : 16 May 2007 12:25 pm
Operator : PhilipB
Sample : BS (M068)
Misc : MS13579,MSQ186,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 13:32:06 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.422	128	101478	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.344	114	511481	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	468169	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.336	95	210260	5.23	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 104.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.589	85	837189	9.88	PPBV	83
3) PROPYLENE	3.518	41	316625	10.55	PPBV	86
4) FREON 114	3.854	85	882633	10.26	PPBV #	100
5) CHLOROMETHANE	3.756	50	401350	10.61	PPBV	98
6) VINYL CHLORIDE	3.978	62	320468	10.24	PPBV	72
7) 1,3-BUTADIENE	4.117	39	332879	10.42	PPBV #	100
8) BROMOMETHANE	4.395	94	272061	10.97	PPBV #	100
9) CHLOROETHANE	4.571	64	134001	10.09	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.386	101	797163	8.55	PPBV #	100
11) ISOPROPYL ALCOHOL	5.439	45	416548m	7.00	PPBV	
12) ACETONE	5.183	43	431411	8.15	PPBV #	76
13) PENTANE	5.764	42	212087	7.35	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.067	96	215747	8.68	PPBV #	18
15) CARBON DISULFIDE	6.520	76	533641	8.85	PPBV	66
16) ETHANOL	4.667	45	116423	9.55	PPBV #	100
17) BROMOETHENE	4.938	106	256272	10.53	PPBV #	100
18) METHYLENE CHLORIDE	6.188	84	175159	9.18	PPBV #	1
19) 3-CHLOROPROPENE	6.319	39	179672	8.79	PPBV #	1
20) FREON 113	6.466	151	456511	10.40	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.178	96	211945	9.84	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.087	59	447978	8.44	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.441	73	489731	9.87	PPBV #	100
24) TETRAHYDROFURAN	8.956	42	307969	10.07	PPBV #	100
25) HEXANE	8.456	57	315018	9.44	PPBV #	100
26) VINYL ACETATE	7.535	43	446883	8.14	PPBV	90
27) 1,1-DICHLOROETHANE	7.391	63	401478	9.23	PPBV #	100
28) METHYL ETHYL KETONE	7.792	43	641133	10.56	PPBV	86
29) cis-1,2-DICHLOROETHYLENE	8.250	96	149414	9.13	PPBV #	100
30) ETHYL ACETATE	8.463	43	1031386	10.39	PPBV	100
31) CHLOROFORM	8.552	83	439265	9.54	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.547	97	465786	10.05	PPBV	90
33) CARBON TETRACHLORIDE	10.158	117	523445	10.29	PPBV	94
34) 1,2-DICHLOROETHANE	9.295	62	379207	10.21	PPBV	99
36) BENZENE	10.012	78	425494	8.01	PPBV	88
37) CYCLOHEXANE	10.286	84	160140	8.99	PPBV #	33
38) TRICHLOROETHYLENE	11.051	95	255889	8.83	PPBV #	86
39) 1,2-DICHLOROPROPANE	10.822	63	204012	8.06	PPBV #	65
40) BROMODICHLOROMETHANE	11.012	83	450292	9.13	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.075	57	1025180	8.26	PPBV #	94
42) 1,4-DIOXANE	11.043	88	81086	8.40	PPBV #	21
43) HEPTANE	11.327	43	471253	8.88	PPBV #	75

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3396A.D
Acq On : 16 May 2007 12:25 pm
Operator : PhilipB
Sample : BS (M068)
Misc : MS13579,MSQ186,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 13:32:06 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

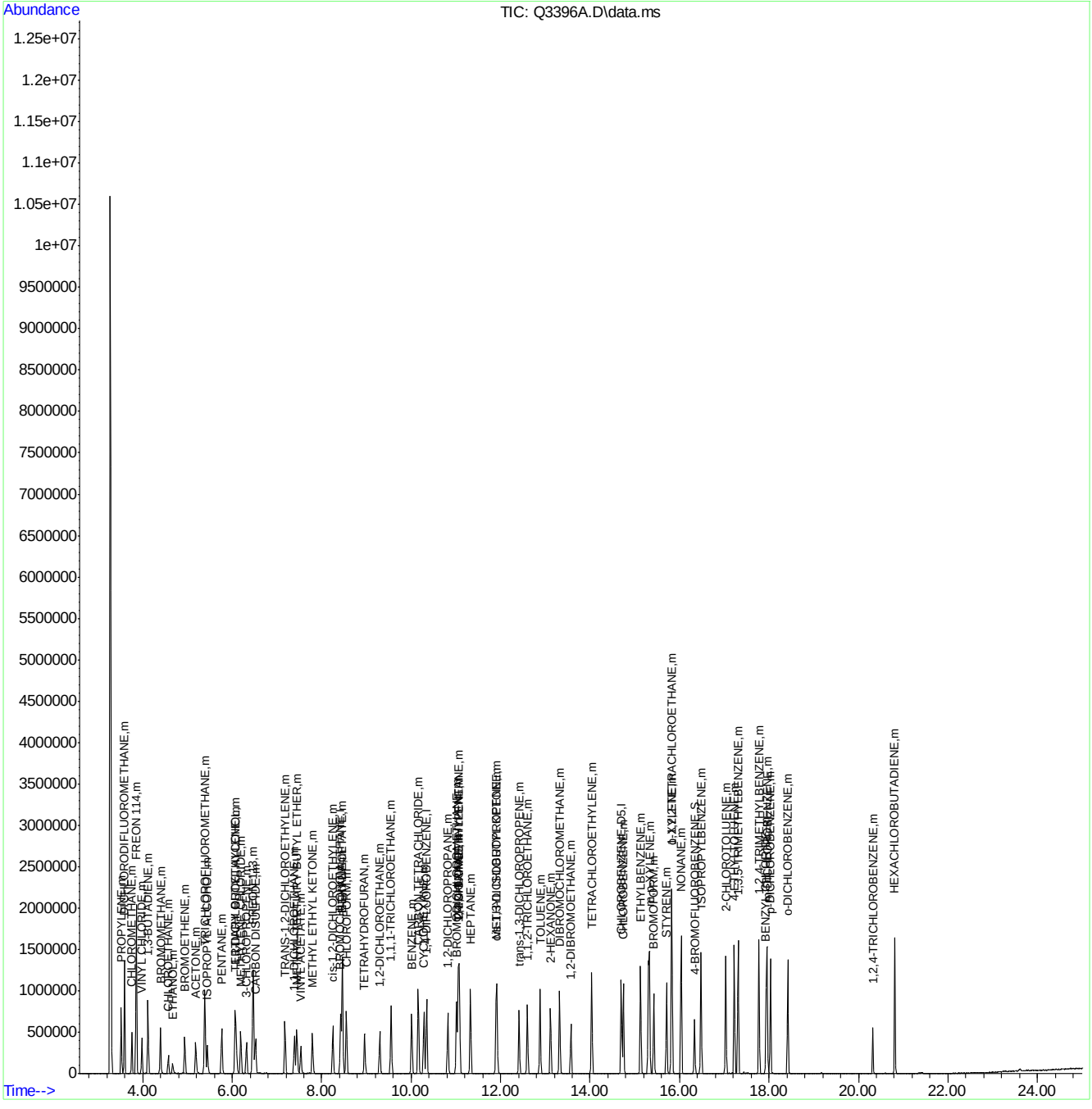
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.917	43	690684	9.05	PPBV		91
45) cis-1,3-DICHLOROPROPENE	11.895	75	293113	8.70	PPBV		89
46) TOLUENE	12.880	92	314175	8.94	PPBV		96
47) trans-1,3-DICHLOROPROPENE	12.410	75	307965	10.63	PPBV	#	99
48) 1,1,2-TRICHLOROETHANE	12.598	83	172616	8.11	PPBV		93
50) 2-HEXANONE	13.115	43	606351	9.15	PPBV		93
51) TETRACHLOROETHYLENE	14.036	164	176825	11.02	PPBV	#	81
52) DIBROMOCHLOROMETHANE	13.319	129	436514	9.38	PPBV		99
53) 1,2-DIBROMOETHANE	13.573	107	349008	8.63	PPBV		98
54) CHLOROBENZENE	14.740	112	425898	8.59	PPBV		89
55) ETHYLBENZENE	15.127	91	792019	9.10	PPBV		94
56) m,p-XYLENE	15.326	106	561115m	17.54	PPBV		
57) o-XYLENE	15.828	106	281319	8.51	PPBV	#	88
58) STYRENE	15.708	104	390785	9.44	PPBV		98
59) NONANE	16.036	43	737369	8.39	PPBV		82
60) BROMOFORM	15.424	173	357045	9.76	PPBV		98
62) 1,1,2,2-TETRACHLOROETHANE	15.819	83	475988	8.11	PPBV		94
63) ISOPROPYLBENZENE	16.481	105	832886	8.68	PPBV		96
64) 2-CHLOROTOLUENE	17.033	91	652550	8.71	PPBV		92
65) 4-ETHYLTOLUENE	17.225	105	809350	9.58	PPBV		93
66) 1,3,5-TRIMETHYLBENZENE	17.308	105	749228	9.15	PPBV		93
67) 1,2,4-TRIMETHYLBENZENE	17.773	105	730675	9.43	PPBV		92
68) m-DICHLOROBENZENE	17.958	146	418170	9.22	PPBV		95
69) BENZYL CHLORIDE	17.933	91	559153	10.60	PPBV		93
70) p-DICHLOROBENZENE	18.033	146	395868	9.47	PPBV		95
71) o-DICHLOROBENZENE	18.419	146	406545	10.01	PPBV		96
72) HEXACHLOROBUTADIENE	20.810	225	163831	12.99	PPBV		98
73) 1,2,4-TRICHLOROBENZENE	20.322	180	92517	12.74	PPBV		95

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3396A.D
Acq On : 16 May 2007 12:25 pm
Operator : PhilipB
Sample : BS (M068)
Misc : MS13579,MSQ186,,,,,1
ALS Vial : 3 Sample Multiplier: 1

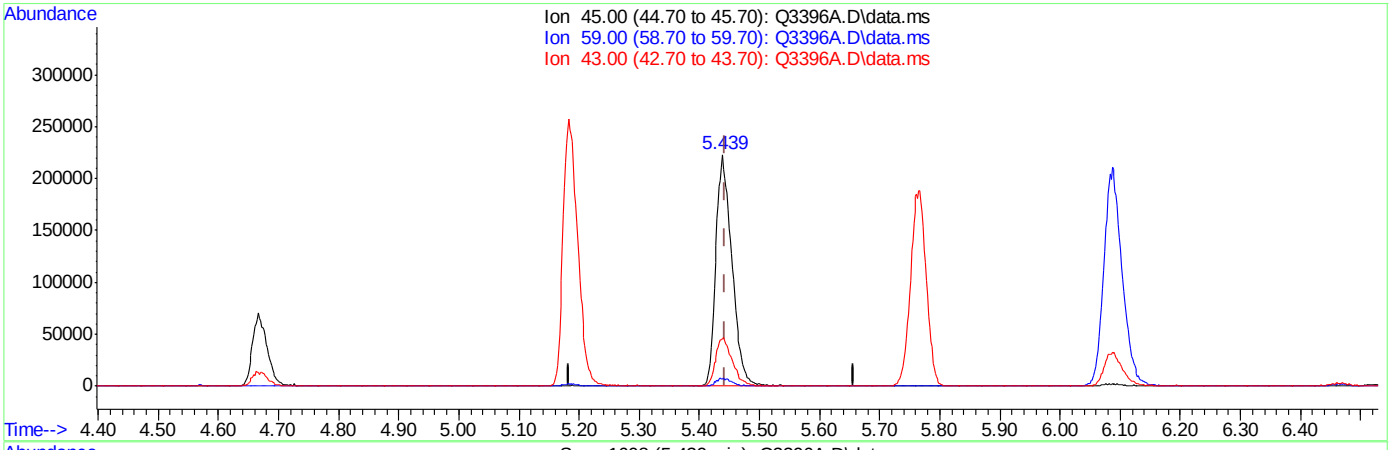
Quant Time: May 16 13:32:06 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

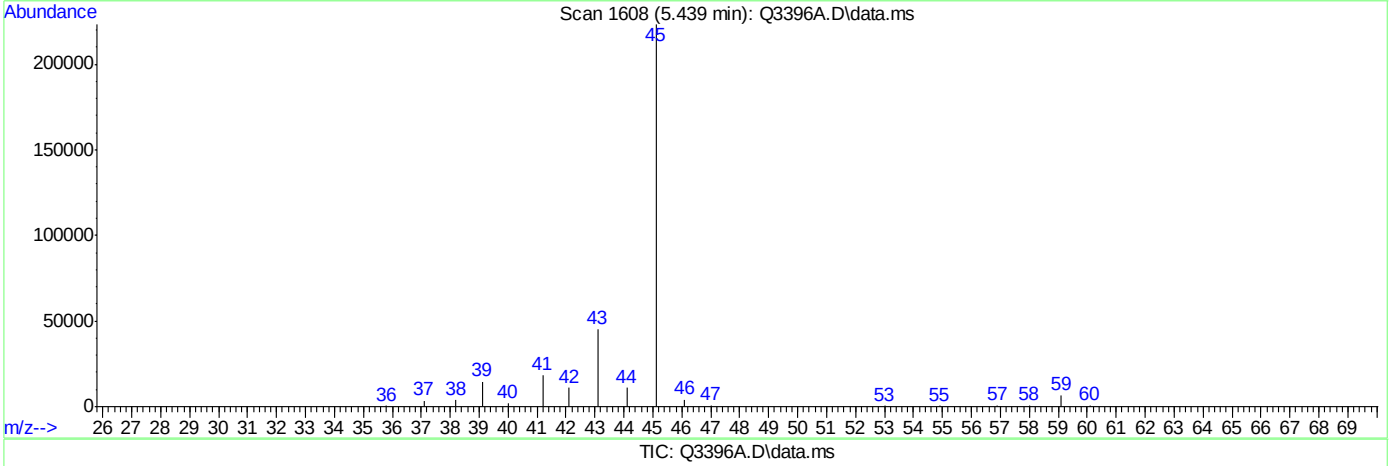


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3396A.D
Acq On : 16 May 2007 12:25 pm
Operator : PhilipB
Sample : BS (M068)
Misc : MS13579,MSQ186,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 13:31:42 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3396A.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.439min (-0.004) 6.93PPBV

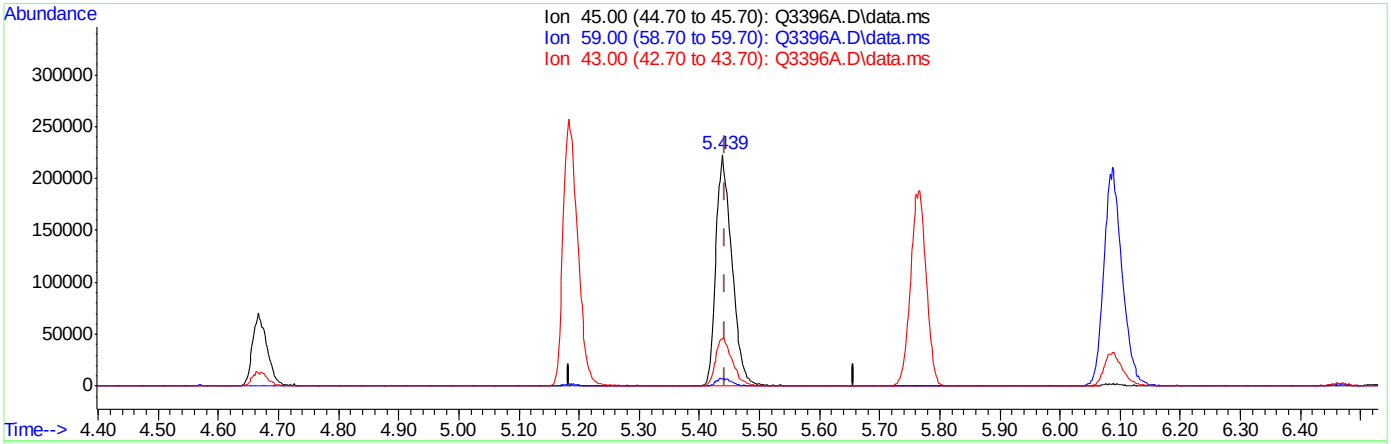
response 412460

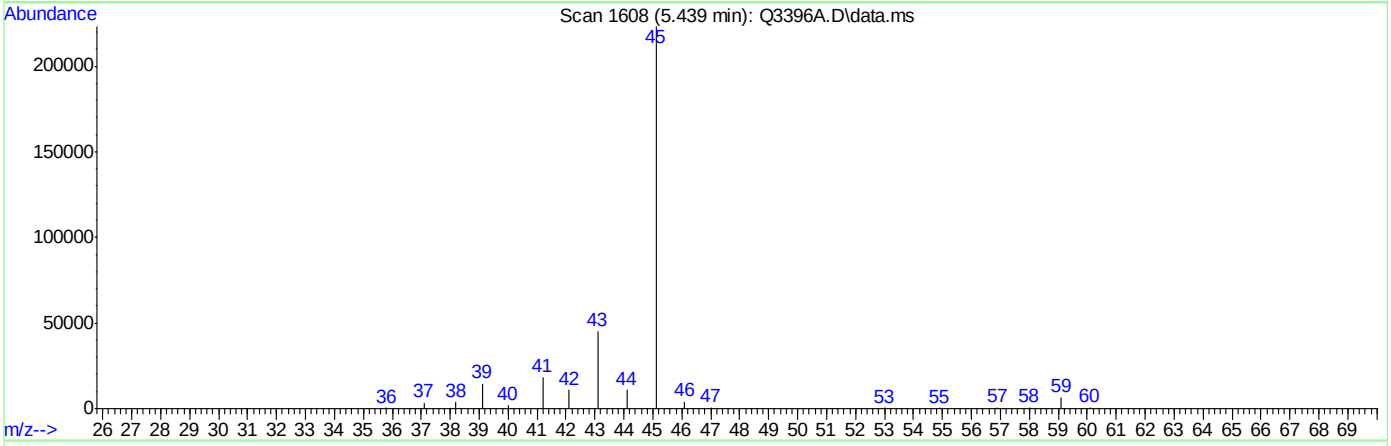
Ion	Exp%	Act%
45.00	100	100
59.00	2.80	3.09
43.00	22.80	20.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3396A.D
Acq On : 16 May 2007 12:25 pm
Operator : PhilipB
Sample : BS (M068)
Misc : MS13579,MSQ186,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 13:31:42 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3396A.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.439min (-0.004) 7.00PPBV m

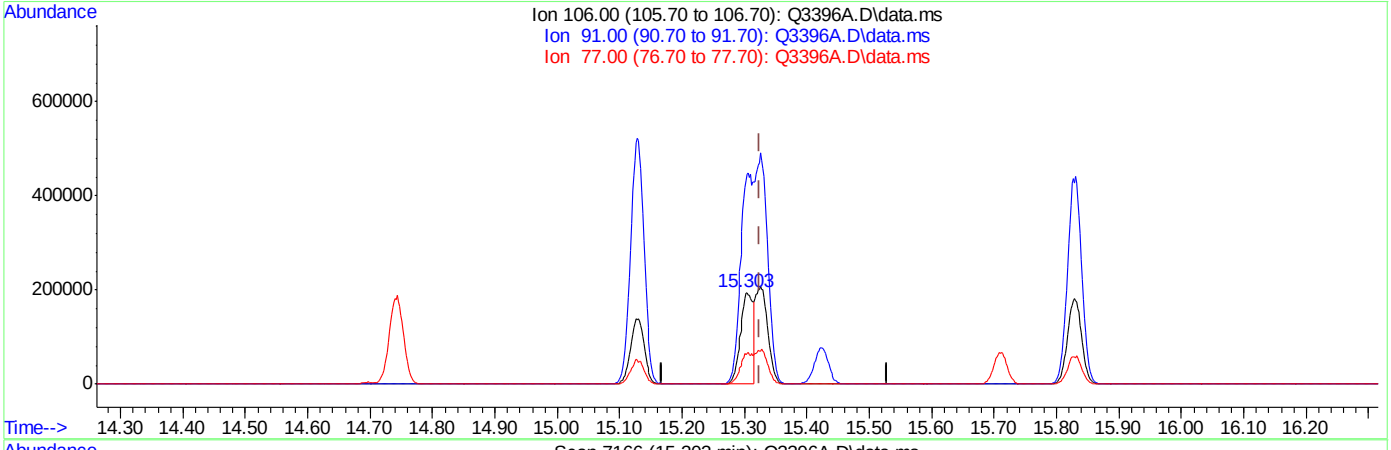
response 416548

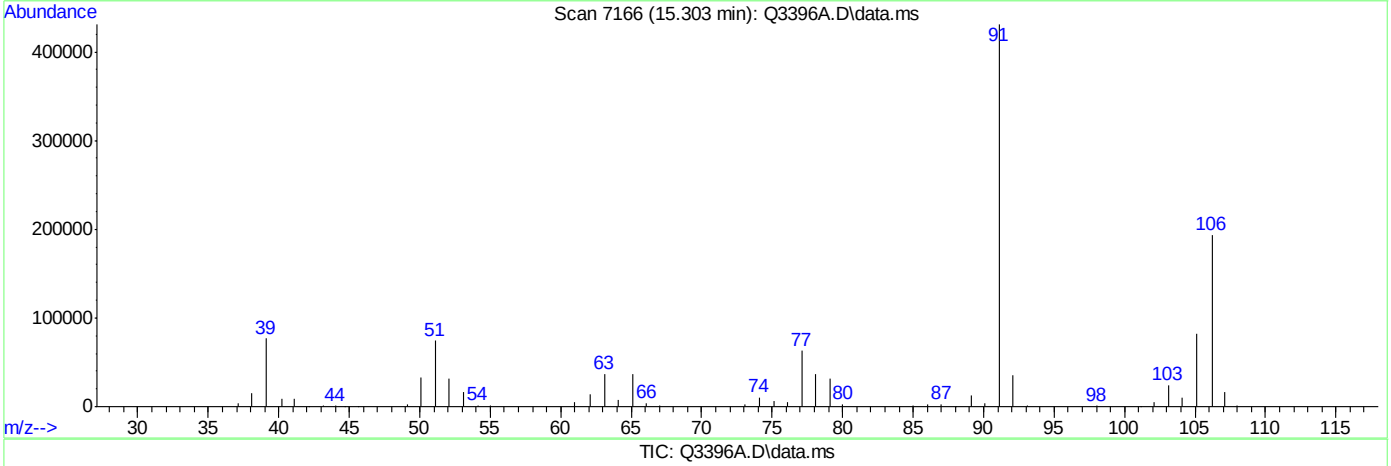
Ion	Exp%	Act%
45.00	100	100
59.00	2.80	3.09
43.00	22.80	20.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3396A.D
Acq On : 16 May 2007 12:25 pm
Operator : PhilipB
Sample : BS (M068)
Misc : MS13579,MSQ186,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 13:31:42 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3396A.D\data.ms

(56) m,p-XYLENE (m)

15.303min (-0.021) 8.75PPBV

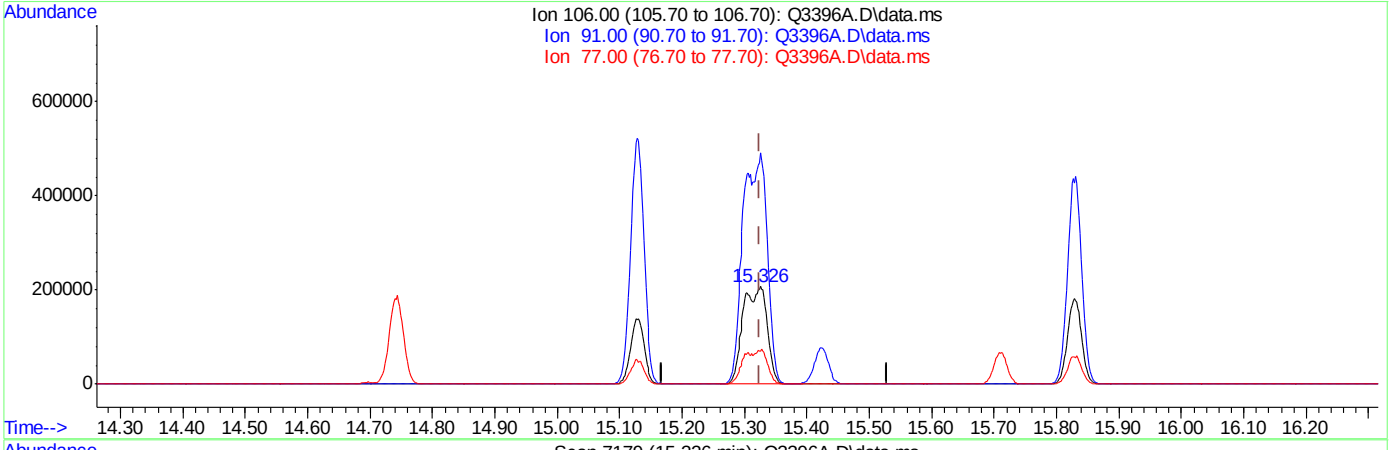
response 280032

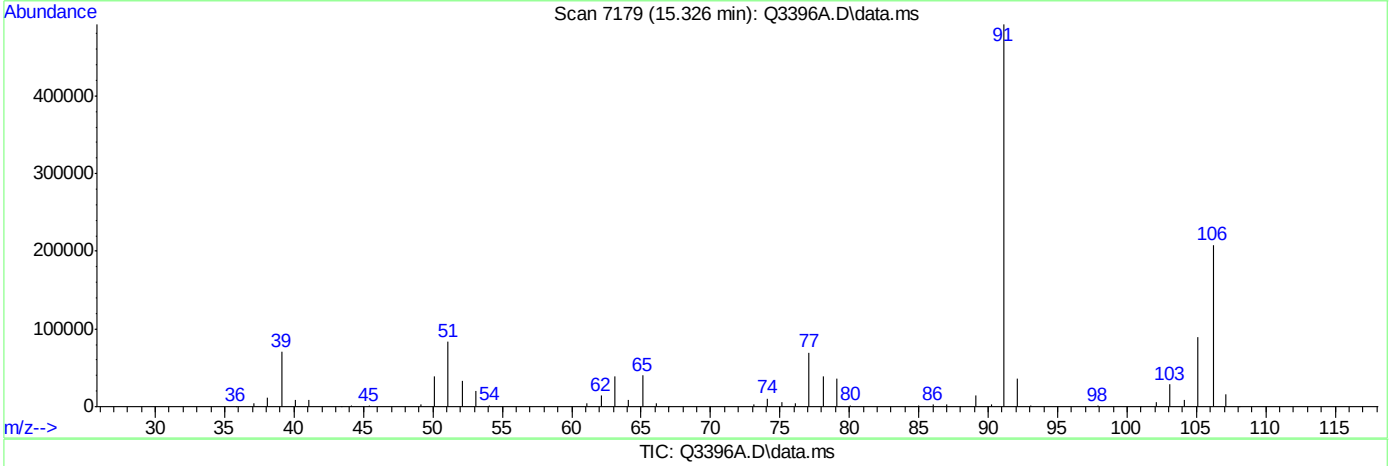
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	222.17
77.00	30.60	32.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3396A.D
Acq On : 16 May 2007 12:25 pm
Operator : PhilipB
Sample : BS (M068)
Misc : MS13579,MSQ186,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 13:31:42 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3396A.D\data.ms

(56) m,p-XYLENE (m)

15.326min (+0.002) 17.54PPBV m

response 561115

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	236.70
77.00	30.60	33.39
0.00	0.00	0.00

Manual Integrations
APPROVED
(compounds with "m" flag)
Doug Yargeau
04/16/07 11:40

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10018A.D
Acq On : 13 Apr 2007 9:41 am
Operator : PhilipB
Sample : BS (M119)
Misc : MS13358, MSJ518,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 13 10:56:01 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 17:22:46 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.59	128	391906	10.00	PPBV	-0.04
35) 1,4-DIFLUOROBENZENE	10.42	114	883716	10.00	PPBV	-0.03
49) CHLOROBENZENE-D5	14.67	117	732480	10.00	PPBV	-0.01

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	236889	5.40	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 108.00%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	996231	11.21	PPBV		97
3) PROPYLENE	3.99	41	162980	11.63	PPBV		93
4) FREON 114	4.32	85	747323	9.97	PPBV		91
5) CHLOROMETHANE	4.23	50	197457	9.84	PPBV		97
6) VINYL CHLORIDE	4.44	62	194711	9.29	PPBV		94
7) 1,3-BUTADIENE	4.57	39	204307	11.78	PPBV	#	79
8) BROMOMETHANE	4.85	94	209594	9.01	PPBV		95
9) CHLOROETHANE	5.01	64	88264	9.13	PPBV		75
10) TRICHLOROFLUOROMETHANE	5.77	101	1072219	11.15	PPBV		99
11) ISOPROPYL ALCOHOL	5.89	45	244568	7.88	PPBV		78
12) ACETONE	5.63	43	322197	10.53	PPBV		67
13) PENTANE	6.12	42	163506	7.42	PPBV		83
14) 1,1-DICHLOROETHYLENE	6.40	96	190295	8.51	PPBV	#	76
15) CARBON DISULFIDE	6.82	76	532963	7.40	PPBV		73
16) ETHANOL	5.17	45	43041	8.31	PPBV		73
17) BROMOETHENE	5.37	106	199197	9.30	PPBV	#	93
18) METHYLENE CHLORIDE	6.53	84	175147	6.34	PPBV		83
19) 3-CHLOROPROPENE	6.63	39	221982	10.15	PPBV	#	69
20) FREON 113	6.76	151	494233	9.69	PPBV		100
21) TRANS-1,2-DICHLOROETHYLENE	7.43	96	205726	8.34	PPBV		98
22) TERTIARY BUTYL ALCOHOL	6.49	59	306005	8.03	PPBV	#	62
23) METHYL TERTIARY BUTYL ETHE	7.70	73	454086	8.64	PPBV		85
24) TETRAHYDROFURAN	9.15	42	157671	11.02	PPBV		84
25) HEXANE	8.60	57	245445	7.42	PPBV	#	75
26) VINYL ACETATE	7.77	43	280423	8.17	PPBV		97
27) 1,1-DICHLOROETHANE	7.62	63	356621	7.82	PPBV		95
28) METHYL ETHYL KETONE	8.04	43	272925m	7.10	PPBV		
29) cis-1,2-DICHLOROETHYLENE	8.43	96	249467	9.08	PPBV		98
30) ETHYL ACETATE	8.66	43	336015	8.50	PPBV		100
31) CHLOROFORM	8.72	83	815500	10.70	PPBV		98
32) 1,1,1-TRICHLOROETHANE	9.66	97	690373	11.63	PPBV		97
33) CARBON TETRACHLORIDE	10.23	117	936658	12.65	PPBV		99
34) 1,2-DICHLOROETHANE	9.43	62	349300	11.63	PPBV		99
36) BENZENE	10.10	78	426430	10.76	PPBV		94
37) CYCLOHEXANE	10.35	84	202158	11.66	PPBV		92
38) TRICHLOROETHYLENE	11.10	95	260171	12.17	PPBV		94
39) 1,2-DICHLOROPROPANE	10.88	63	151749	10.42	PPBV		88
40) BROMODICHLOROMETHANE	11.07	83	562609	12.36	PPBV		99
41) 2,2,4-TRIMETHYLPENTANE	11.10	57	723042	10.02	PPBV		96
42) 1,4-DIOXANE	11.15	88	72383	9.36	PPBV		92
43) HEPTANE	11.34	43	282512	12.33	PPBV		87

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10018A.D
Acq On : 13 Apr 2007 9:41 am
Operator : PhilipB
Sample : BS (M119)
Misc : MS13358, MSJ518,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 13 10:56:01 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 17:22:46 2007
Response via : Initial Calibration

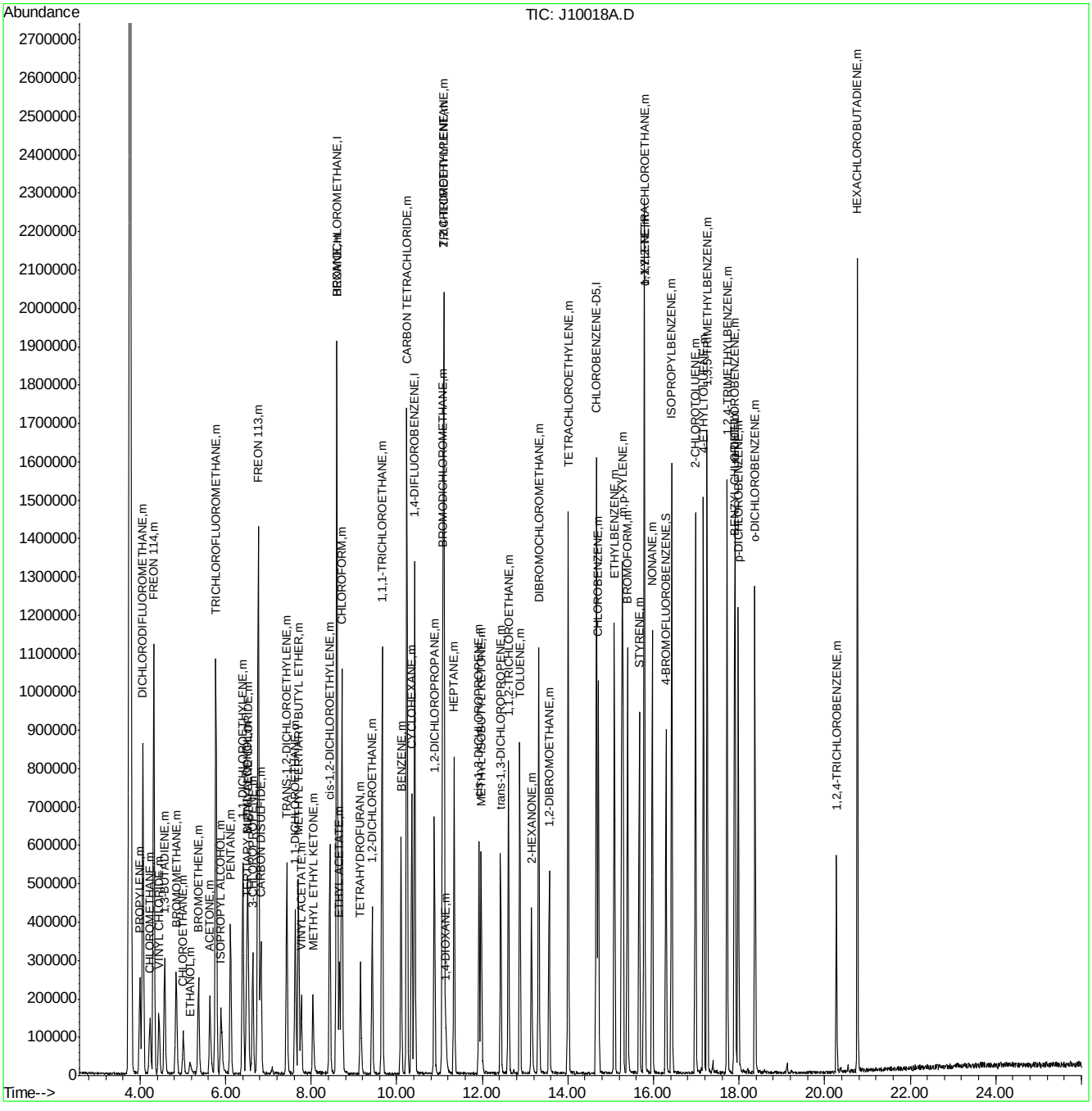
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.97	43	412201	11.43	PPBV	86
45) cis-1,3-DICHLOROPROPENE	11.92	75	222725	9.26	PPBV #	70
46) TOLUENE	12.88	92	289991	8.93	PPBV	92
47) trans-1,3-DICHLOROPROPENE	12.43	75	230302	11.06	PPBV #	77
48) 1,1,2-TRICHLOROETHANE	12.61	83	170192	11.13	PPBV	99
50) 2-HEXANONE	13.15	43	338035	11.46	PPBV	82
51) TETRACHLOROETHYLENE	14.01	164	204224	10.83	PPBV	84
52) DIBROMOCHLOROMETHANE	13.31	129	514609	12.39	PPBV	99
53) 1,2-DIBROMOETHANE	13.56	107	297402	9.20	PPBV	99
54) CHLOROBENZENE	14.71	112	429208	11.96	PPBV	95
55) ETHYLBENZENE	15.09	91	708971	10.56	PPBV	95
56) m,p-XYLENE	15.28	106	533301m	19.93	PPBV	
57) o-XYLENE	15.78	106	287241	9.47	PPBV	88
58) STYRENE	15.67	104	354140	9.94	PPBV	93
59) NONANE	15.97	43	404150	9.59	PPBV	91
60) BROMOFORM	15.39	173	425411	10.55	PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	458798	10.40	PPBV	98
63) ISOPROPYLBENZENE	16.42	105	918037	10.19	PPBV	96
64) 2-CHLOROTOLUENE	16.98	91	633876	10.11	PPBV	94
65) 4-ETHYLTOLUENE	17.17	105	799430	10.72	PPBV #	73
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	783312	10.36	PPBV	95
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	704006	10.09	PPBV	97
68) m-DICHLOROBENZENE	17.91	146	404748	9.58	PPBV	95
69) BENZYL CHLORIDE	17.89	91	430258	11.14	PPBV	98
70) p-DICHLOROBENZENE	17.98	146	359300	9.42	PPBV	96
71) o-DICHLOROBENZENE	18.37	146	358765	9.44	PPBV	96
72) HEXACHLOROBUTADIENE	20.76	225	194373	11.32	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.28	180	97233	11.38	PPBV	94

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10018A.D
Acq On : 13 Apr 2007 9:41 am
Operator : PhilipB
Sample : BS (M119)
Misc : MS13358, MSJ518,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 13 10:56:01 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 17:22:46 2007
Response via : Initial Calibration



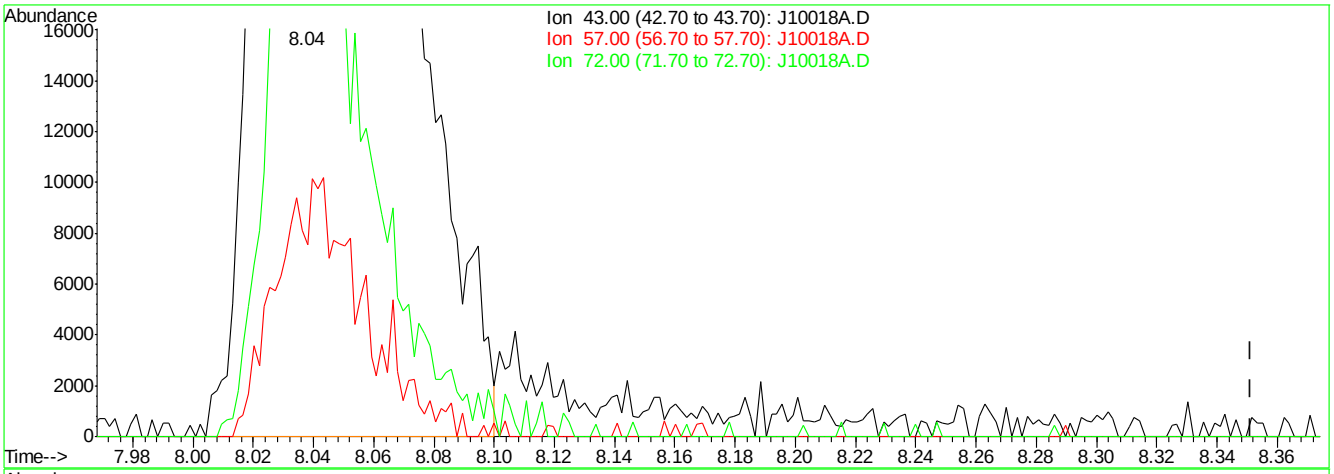
ACCUTEST Laboratories M64701

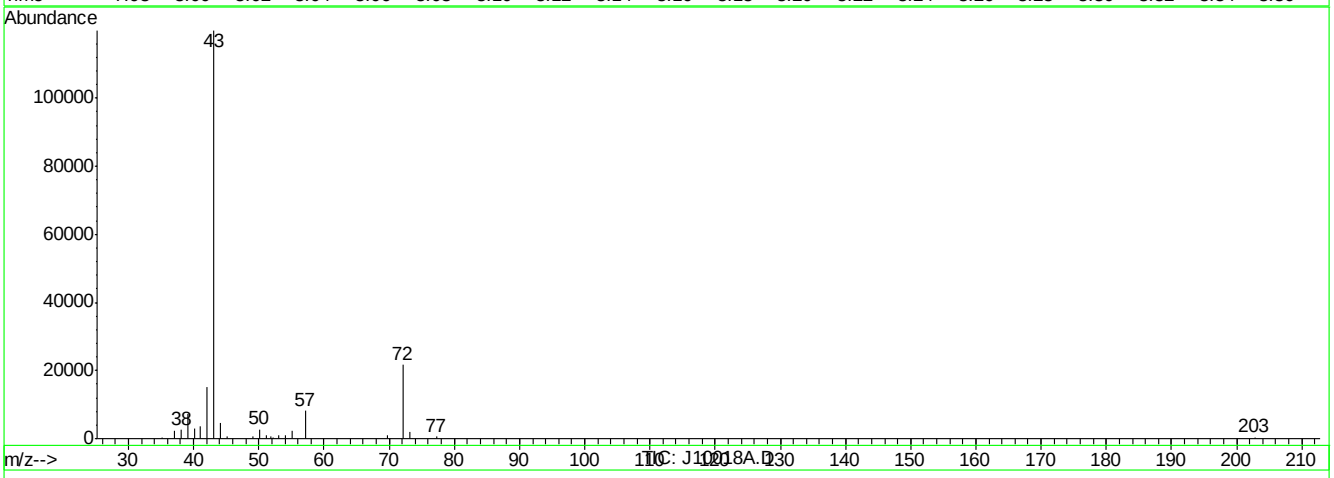
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10018A.D Vial: 1
Acq On : 13 Apr 2007 9:41 am Operator: PhilipB
Sample : BS (M119) Inst : MSJ
Misc : MS13358, MSJ518,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 13 10:55:29 2007 Results File: J040507T.RES

Method : C:\MSDCHEM\1\METHODS\J040507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 17:22:46 2007
Response via : Multiple Level Calibration





(28) METHYL ETHYL KETONE (m)

8.04min 6.85PPBV

response 263344

Ion	Exp%	Act%
43.00	100	100
57.00	7.80	6.76
72.00	25.60	18.09
0.00	0.00	0.00

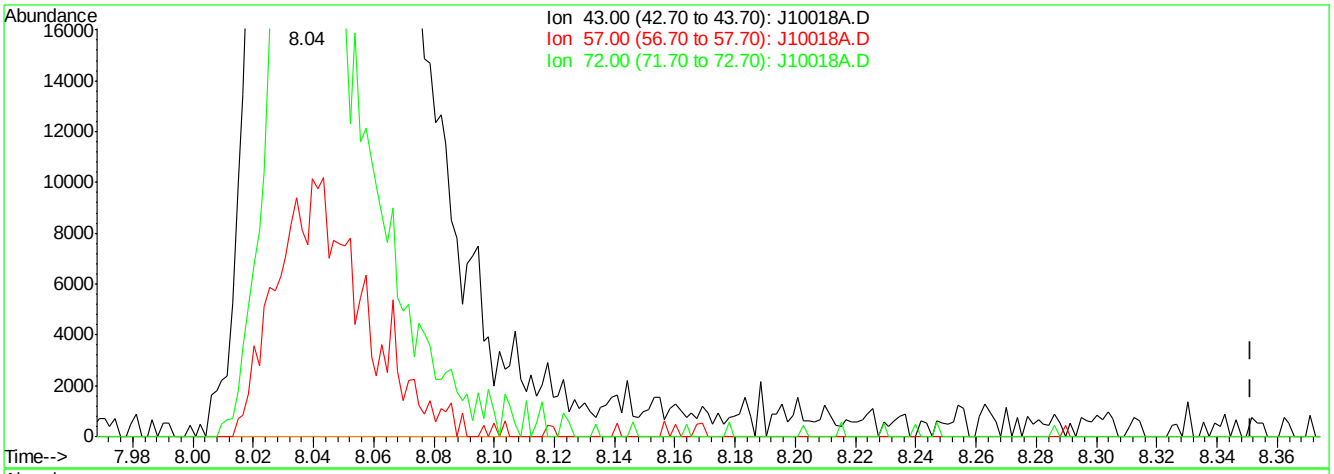
J10018A.D J040507T.M Fri Apr 13 10:55:48 2007

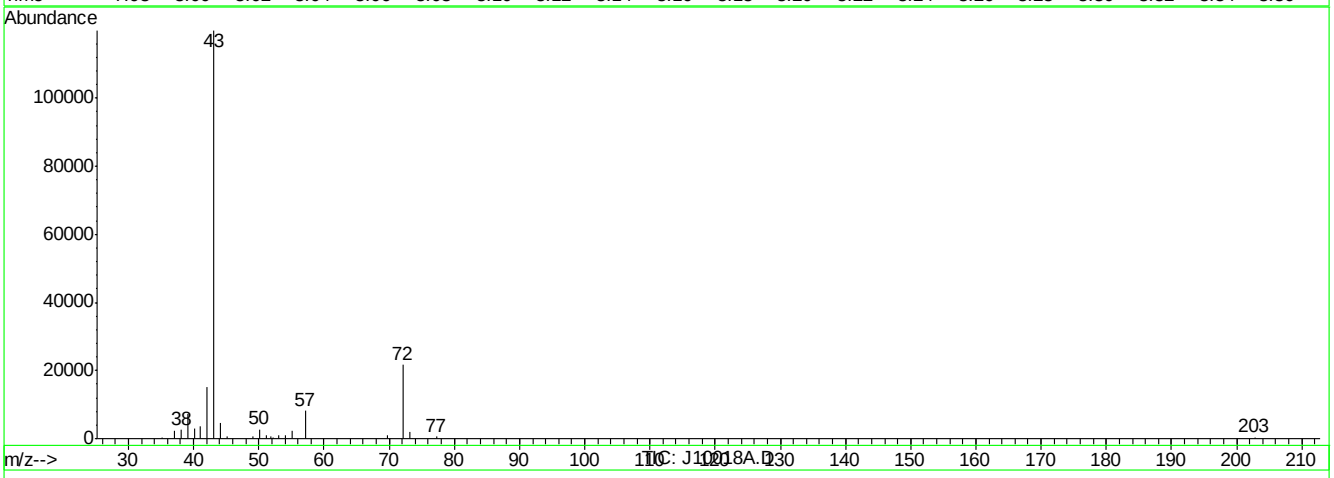
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10018A.D Vial: 1
Acq On : 13 Apr 2007 9:41 am Operator: PhilipB
Sample : BS (M119) Inst : MSJ
Misc : MS13358, MSJ518,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 13 10:55:29 2007 Results File: J040507T.RES

Method : C:\MSDCHEM\1\METHODS\J040507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 17:22:46 2007
Response via : Multiple Level Calibration





(28) METHYL ETHYL KETONE (m)

8.04min 7.10PPBV m

response 272925

Ion	Exp%	Act%
43.00	100	100
57.00	7.80	6.76
72.00	25.60	18.09
0.00	0.00	0.00

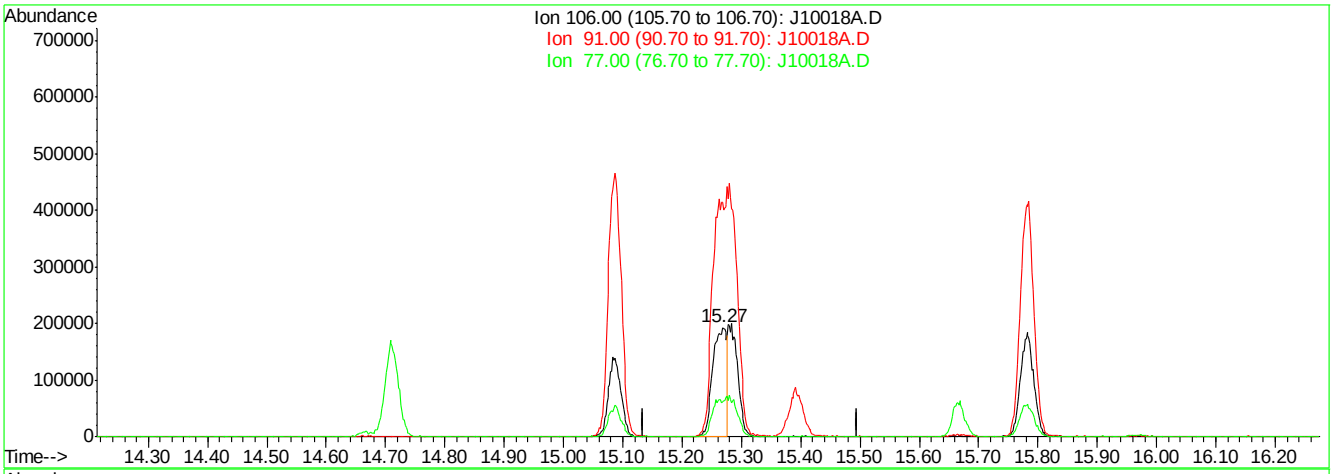
J10018A.D J040507T.M Fri Apr 13 10:55:53 2007

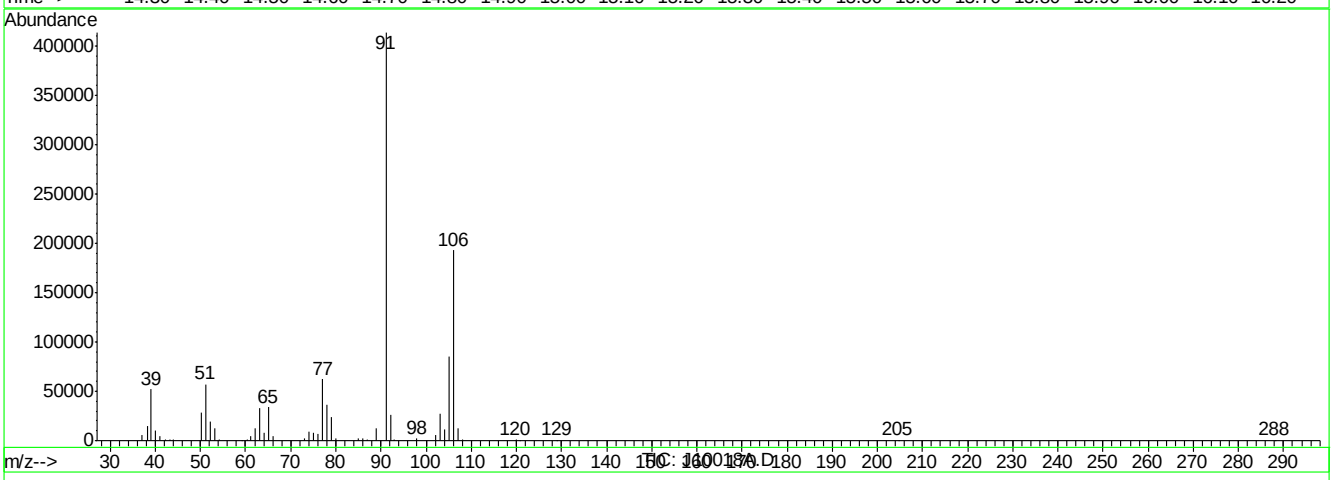
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10018A.D Vial: 1
Acq On : 13 Apr 2007 9:41 am Operator: PhilipB
Sample : BS (M119) Inst : MSJ
Misc : MS13358, MSJ518,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 13 10:55:29 2007 Results File: J040507T.RES

Method : C:\MSDCHEM\1\METHODS\J040507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 17:22:46 2007
Response via : Multiple Level Calibration





(56) m,p-XYLENE (m)

15.27min 12.81PPBV

response 316859

Ion	Exp%	Act%
106.00	100	100
91.00	191.80	214.55
77.00	27.10	32.23
0.00	0.00	0.00

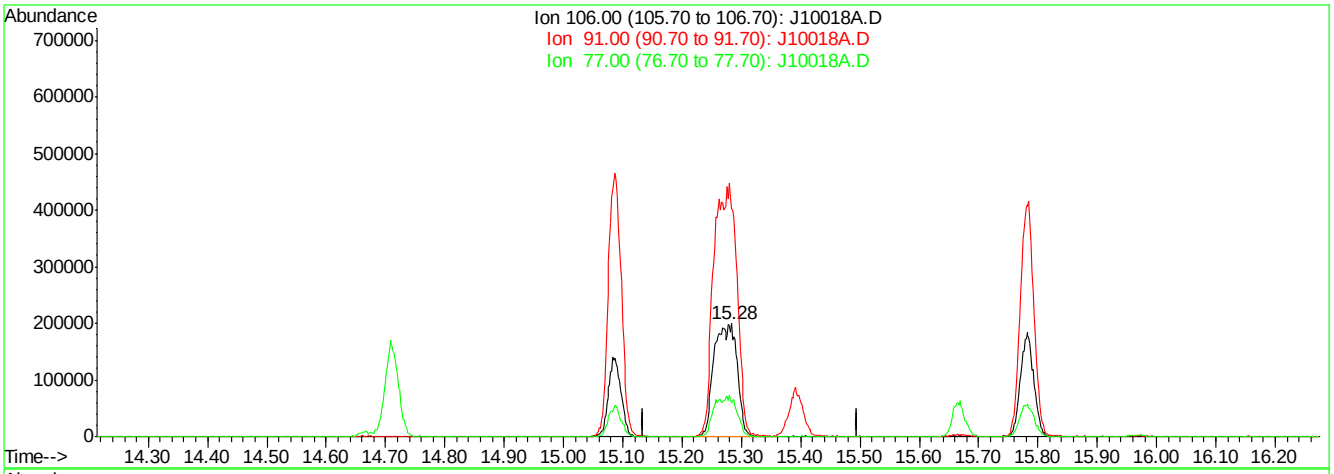
J10018A.D J040507T.M Fri Apr 13 10:55:59 2007

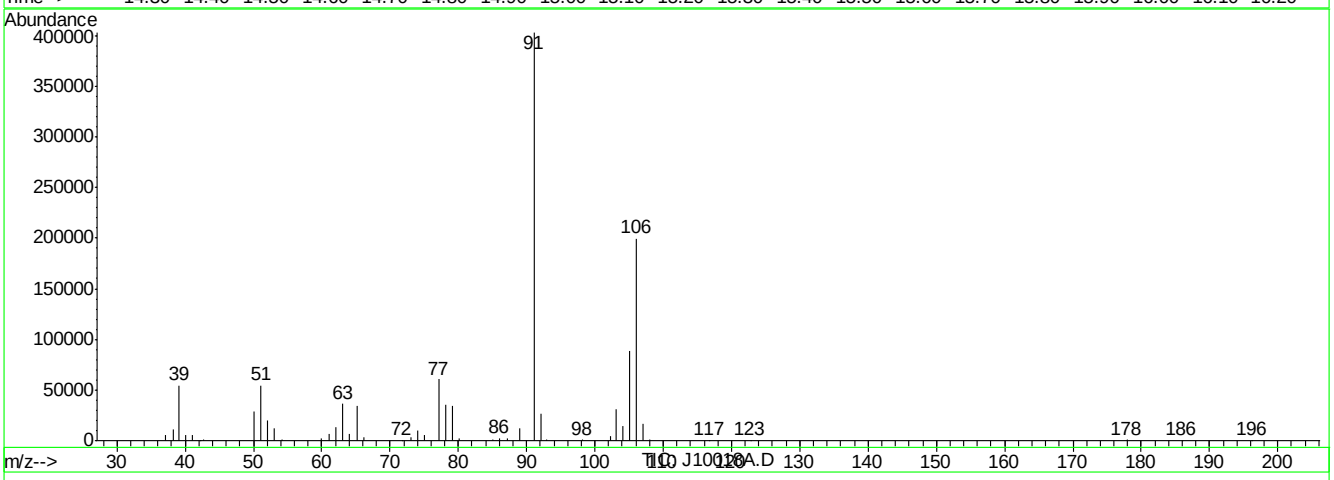
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10018A.D Vial: 1
Acq On : 13 Apr 2007 9:41 am Operator: PhilipB
Sample : BS (M119) Inst : MSJ
Misc : MS13358, MSJ518,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 13 10:55:29 2007 Results File: J040507T.RES

Method : C:\MSDCHEM\1\METHODS\J040507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 17:22:46 2007
Response via : Multiple Level Calibration





(56) m,p-XYLENE (m)

15.28min 19.93PPBV m

response 533301

Ion	Exp%	Act%
106.00	100	100
91.00	191.80	201.92
77.00	27.10	30.28
0.00	0.00	0.00

J10018A.D J040507T.M Fri Apr 13 10:56:04 2007

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10320.D
Acq On : 11 May 2007 5:06 pm
Operator : danat
Sample : M64644-1DUP (M123)
Misc : MS13540, MSJ534,,,,,20
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 14 11:18:41 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 11:09:51 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	275053	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1221814	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1050948	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	261796	4.25	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 85.00%

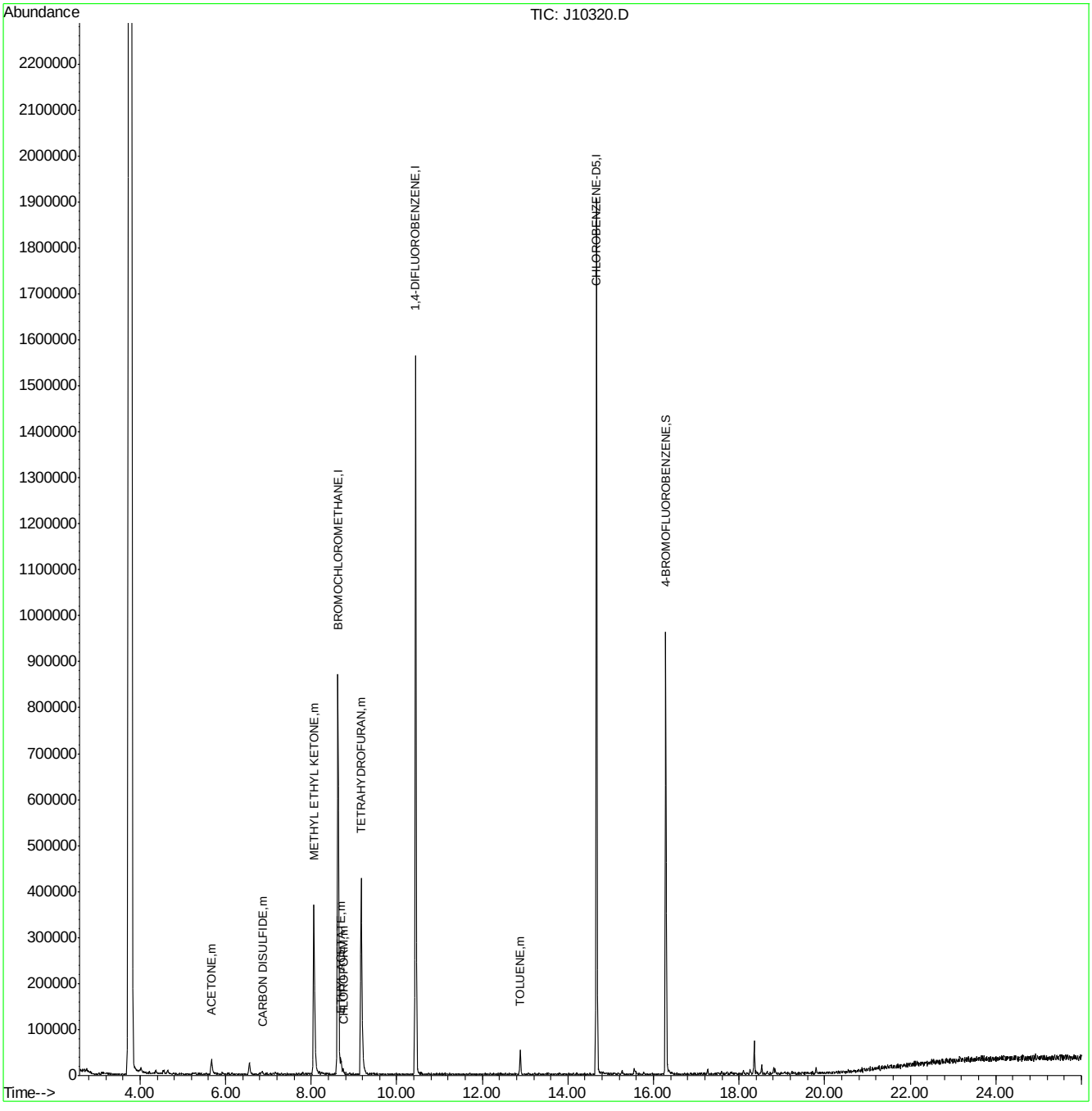
Target Compounds						Qvalue
12) ACETONE	5.67	43	44990	2.01	PPBV	99
15) CARBON DISULFIDE	6.86	76	8751	0.12	PPBV	87
24) TETRAHYDROFURAN	9.17	42	230776	19.29	PPBV	99
28) METHYL ETHYL KETONE	8.06	43	492008	19.94	PPBV	98
30) ETHYL ACETATE	8.68	43	39436	1.43	PPBV #	90
31) CHLOROFORM	8.75	83	5835	0.10	PPBV	93
46) TOLUENE	12.89	92	21432	0.63	PPBV	96

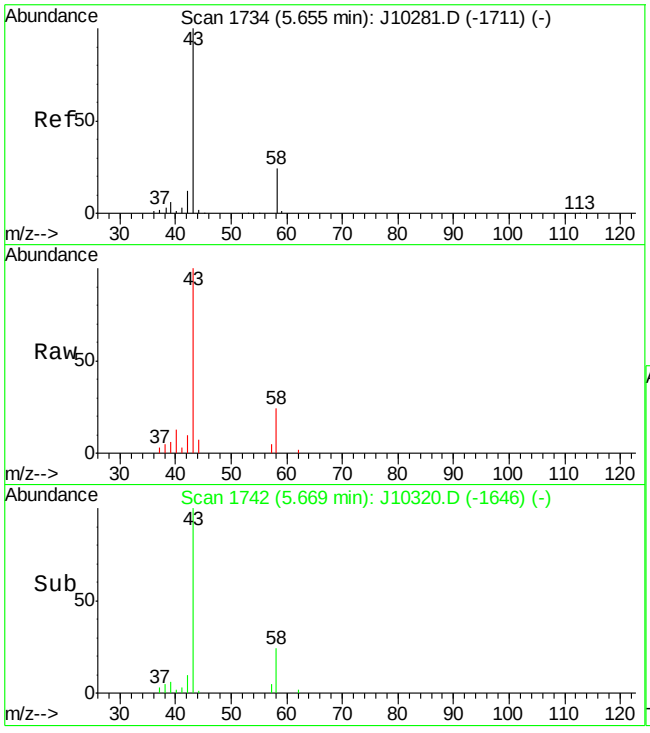
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10320.D
Acq On : 11 May 2007 5:06 pm
Operator : danat
Sample : M64644-1DUP (M123)
Misc : MS13540, MSJ534,,,,,20
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 14 11:18:41 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 11:09:51 2007
Response via : Initial Calibration

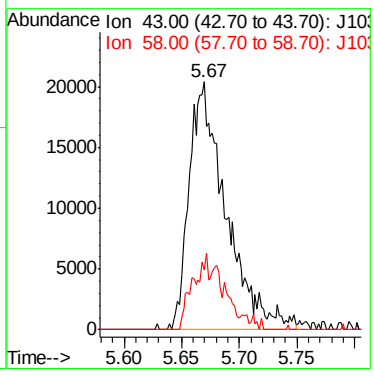


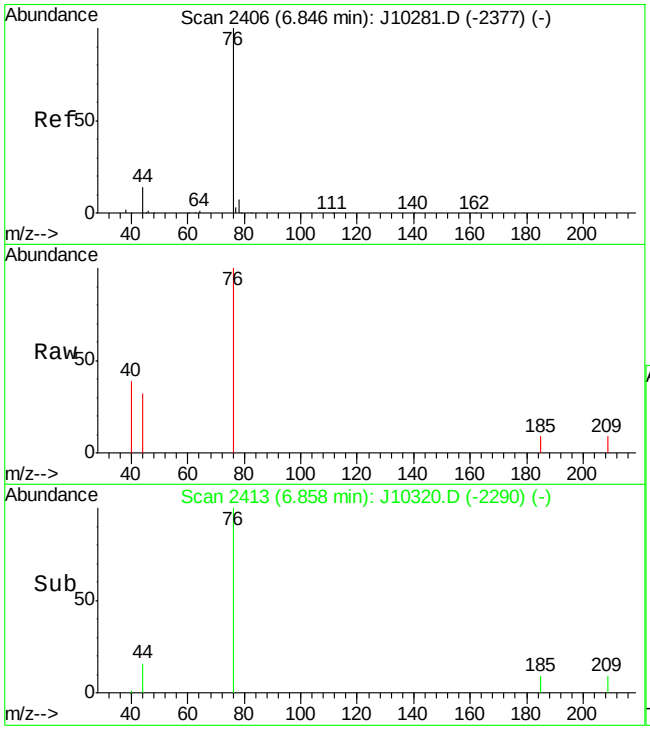


#12
ACETONE
Concen: 2.01 PPBV
RT: 5.67 min Scan# 1742
Delta R.T. 0.01 min
Lab File: J10320.D
Acq: 11 May 2007 5:06 pm

Tgt Ion: 43 Resp: 44990

Ion	Ratio	Lower	Upper
43	100		
58	26.2	6.8	46.8

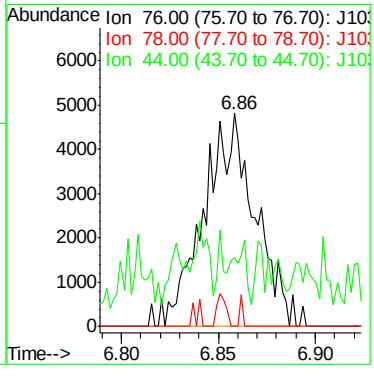


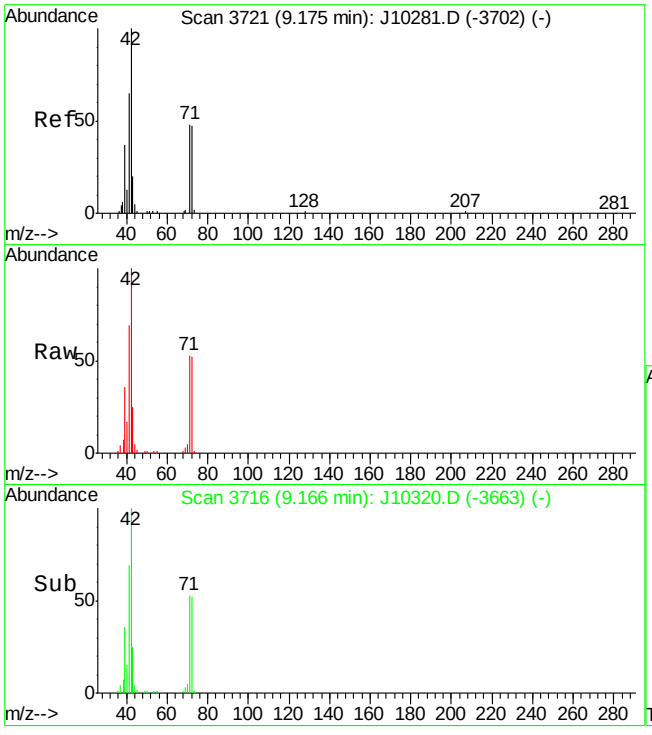


#15
CARBON DISULFIDE
Concen: 0.12 PPBV
RT: 6.86 min Scan# 2413
Delta R.T. 0.01 min
Lab File: J10320.D
Acq: 11 May 2007 5:06 pm

Tgt Ion: 76 Resp: 8751

Ion	Ratio	Lower	Upper
76	100		
78	2.7	0.0	29.2
44	10.6	0.0	34.9

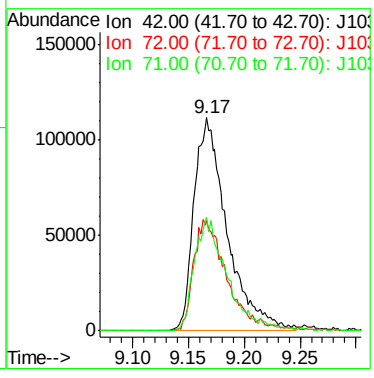


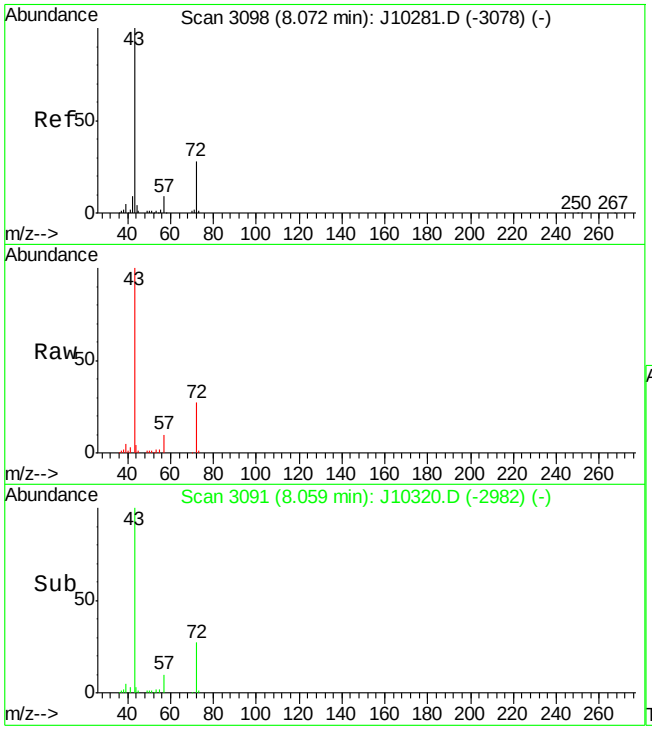


#24
TETRAHYDROFURAN
Concen: 19.29 PPBV
RT: 9.17 min Scan# 3716
Delta R.T. -0.01 min
Lab File: J10320.D
Acq: 11 May 2007 5:06 pm

Tgt Ion: 42 Resp: 230776

Ion	Ratio	Lower	Upper
42	100		
72	52.9	31.3	71.3
71	52.2	32.5	72.5

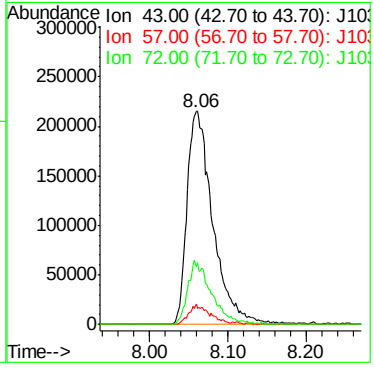


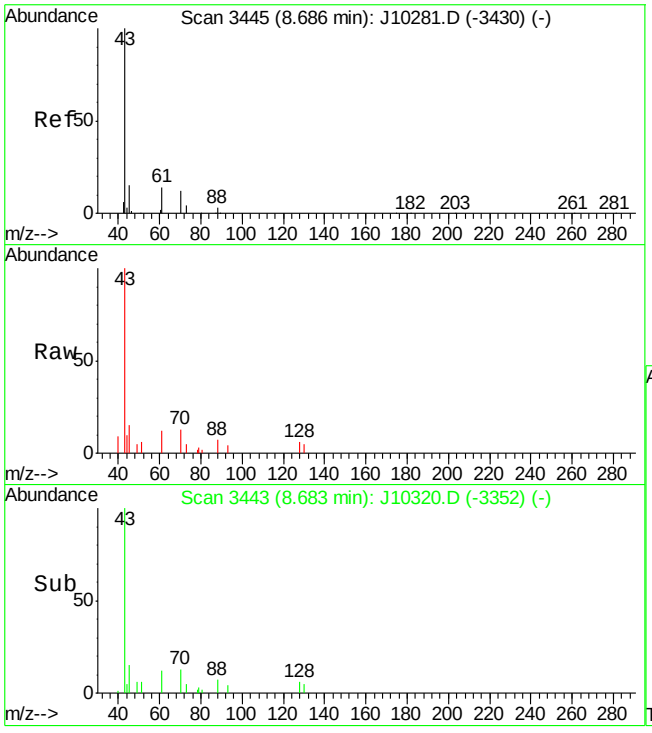


#28
METHYL ETHYL KETONE
Concen: 19.94 PPBV
RT: 8.06 min Scan# 3091
Delta R.T. -0.01 min
Lab File: J10320.D
Acq: 11 May 2007 5:06 pm

Tgt Ion: 43 Resp: 492008

Ion	Ratio	Lower	Upper
43	100		
57	9.8	0.0	28.8
72	27.0	7.6	47.6

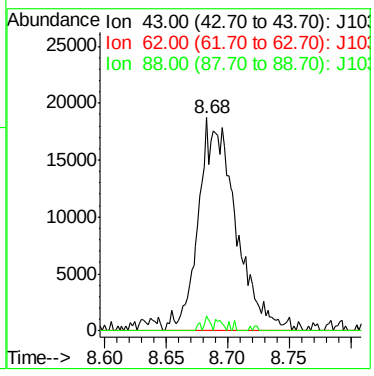


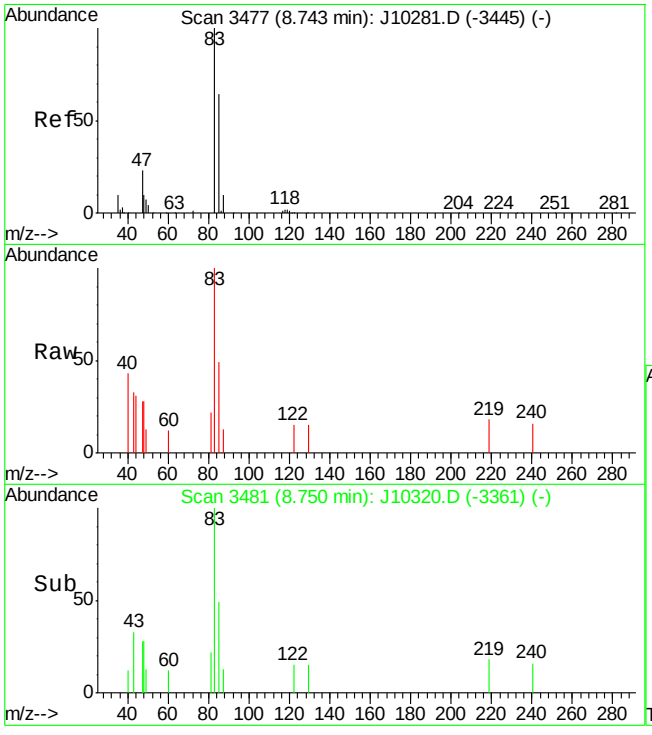


#30
ETHYL ACETATE
Concen: 1.43 PPBV
RT: 8.68 min Scan# 3443
Delta R.T. -0.00 min
Lab File: J10320.D
Acq: 11 May 2007 5:06 pm

Tgt Ion: 43 Resp: 39436

Ion	Ratio	Lower	Upper
43	100		
62	0.0	0.0	20.3
88	1.2	0.0	24.7

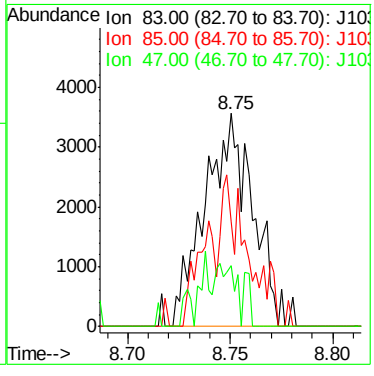


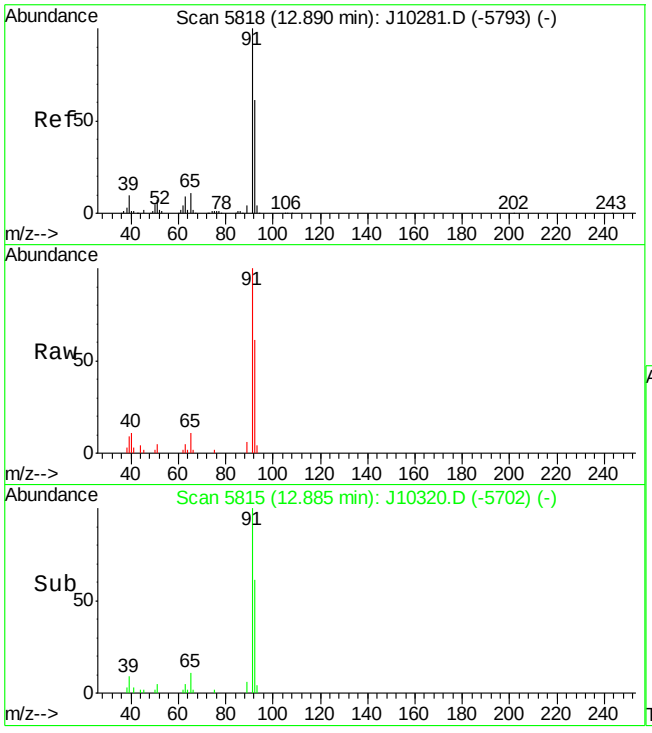


#31
CHLOROFORM
Concen: 0.10 PPBV
RT: 8.75 min Scan# 3481
Delta R.T. 0.01 min
Lab File: J10320.D
Acq: 11 May 2007 5:06 pm

Tgt Ion: 83 Resp: 5835

Ion	Ratio	Lower	Upper
83	100		
85	58.5	44.8	84.8
47	24.2	1.7	41.7

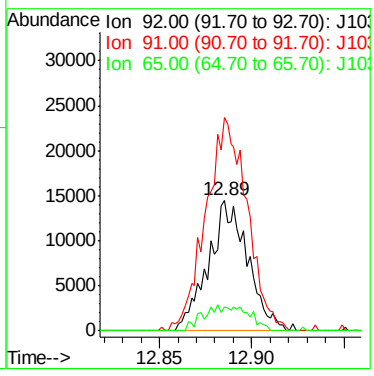




#46
TOLUENE
Concen: 0.63 PPBV
RT: 12.89 min Scan# 5815
Delta R.T. -0.01 min
Lab File: J10320.D
Acq: 11 May 2007 5:06 pm

Tgt Ion: 92 Resp: 21432

Ion	Ratio	Lower	Upper
92	100		
91	171.4	146.0	186.0
65	22.0	0.0	38.6



Manual Integrations
APPROVED
(compounds with "m" flag)
Doug Yargeau
05/18/07 11:43

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3402.D
Acq On : 16 May 2007 6:08 pm
Operator : PhilipB
Sample : M64698-2RDUP
Misc : MS13579,MSQ186,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 17 11:48:35 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.374	128	91004m	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.318	114	423732	10.00	PPBV	-0.02
49) CHLOROBENZENE-D5	14.685	117	437968	10.00	PPBV	-0.01

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.331	95	156305	4.15	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 83.00%

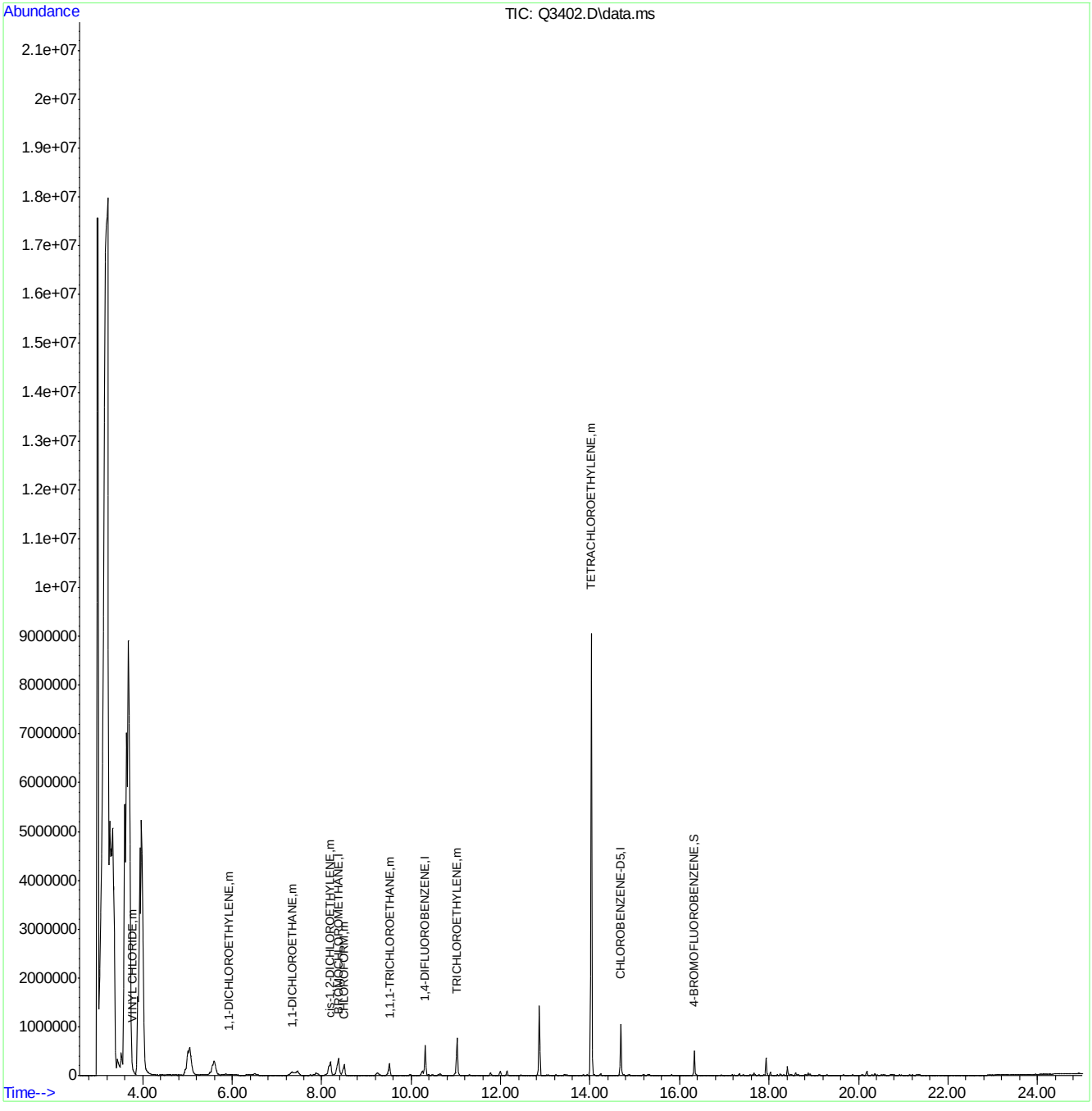
Target Compounds						Qvalue
6) VINYL CHLORIDE	3.774	62	6539m	0.23	PPBV	
14) 1,1-DICHLOROETHYLENE	5.913	96	4744m	0.21	PPBV	
27) 1,1-DICHLOROETHANE	7.332	63	32018m	0.82	PPBV	
29) cis-1,2-DICHLOROETHYLENE	8.193	96	205199m	13.98	PPBV	
31) CHLOROFORM	8.502	83	242619	5.88	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.514	97	184847	4.45	PPBV	87
38) TRICHLOROETHYLENE	11.024	95	244698	10.20	PPBV #	84
51) TETRACHLOROETHYLENE	14.027	164	1453956m	51.63	PPBV	

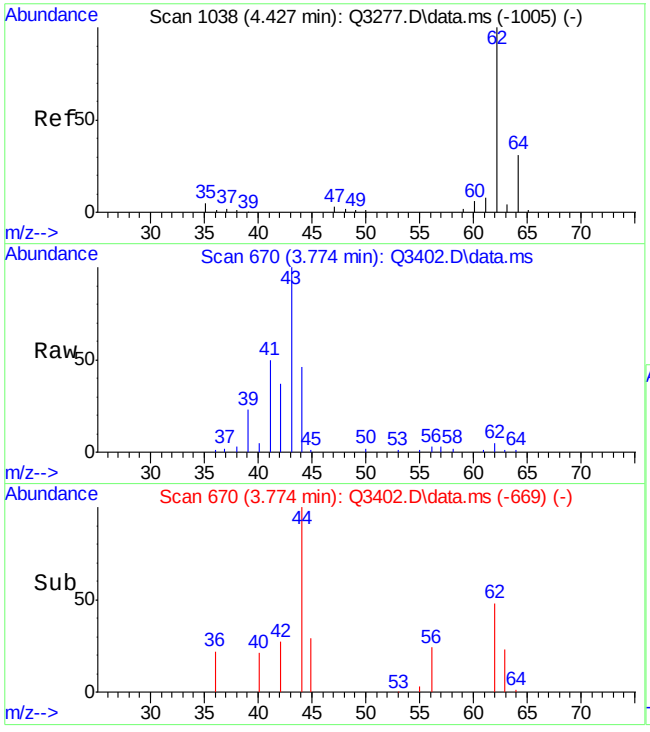
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3402.D
Acq On : 16 May 2007 6:08 pm
Operator : PhilipB
Sample : M64698-2RDUP
Misc : MS13579,MSQ186,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 17 11:48:35 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

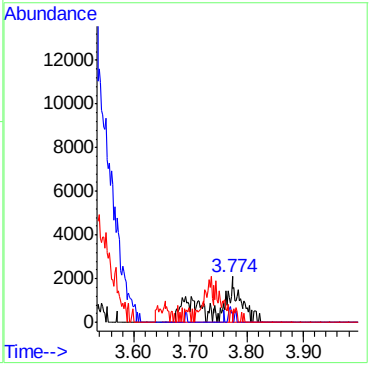


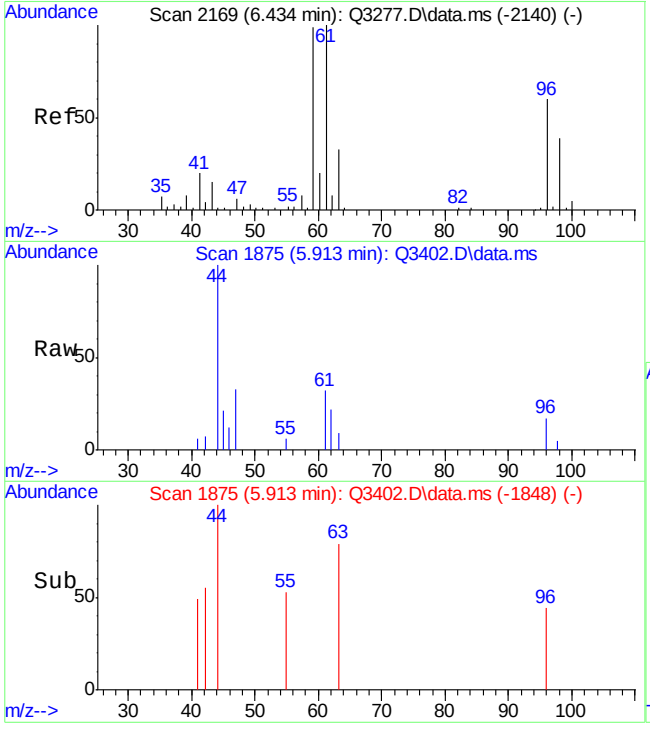


#6
VINYL CHLORIDE
Concen: 0.23 PPBV m
RT: 3.774 min Scan# 670
Delta R.T. -0.204 min
Lab File: Q3402.D
Acq: 16 May 2007 6:08 pm

Tgt Ion: 62 Resp: 6539

Ion	Ratio	Lower	Upper
62	100		
64	5.2	29.8	69.8#
61	5.0	0.0	22.7

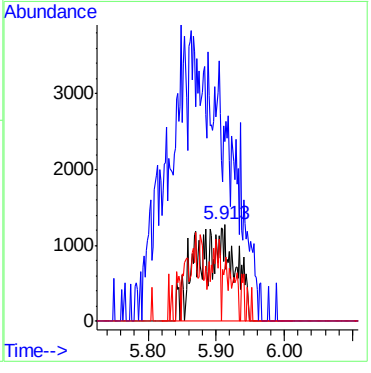


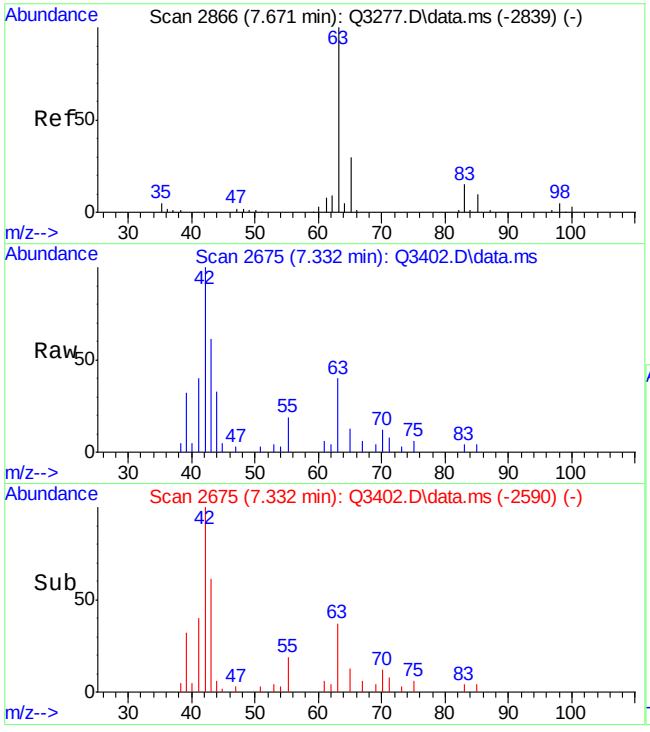


#14
1,1-DICHLOROETHYLENE
Concen: 0.21 PPBV m
RT: 5.913 min Scan# 1875
Delta R.T. -0.158 min
Lab File: Q3402.D
Acq: 16 May 2007 6:08 pm

Tgt Ion: 96 Resp: 4744

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	20.1
63	5.0	0.0	20.0

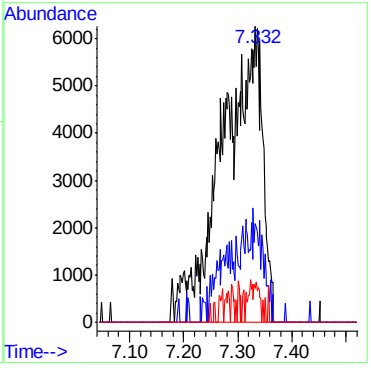


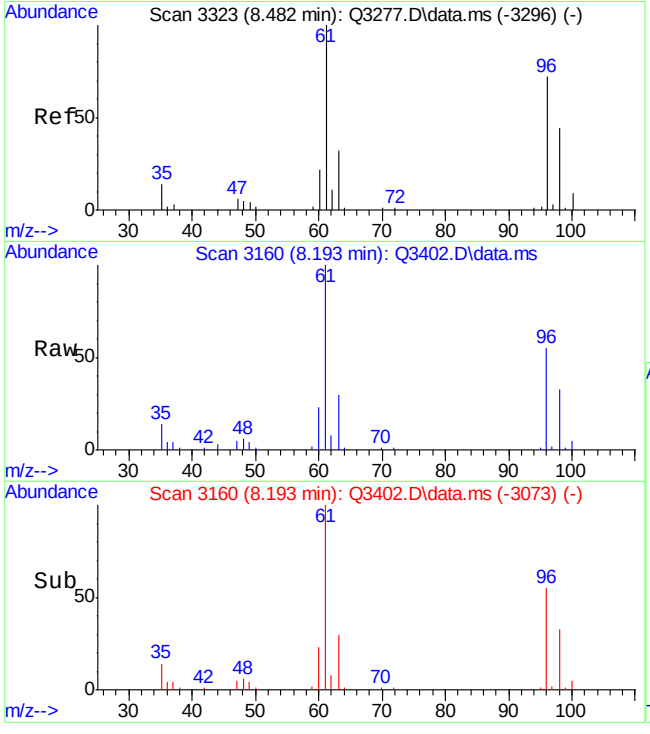


#27
1,1-DICHLOROETHANE
Concen: 0.82 PPBV m
RT: 7.332 min Scan# 2675
Delta R.T. -0.055 min
Lab File: Q3402.D
Acq: 16 May 2007 6:08 pm

Tgt Ion: 63 Resp: 32018

Ion	Ratio	Lower	Upper
63	100		
65	0.0	0.0	20.0
83	0.0	0.0	20.0

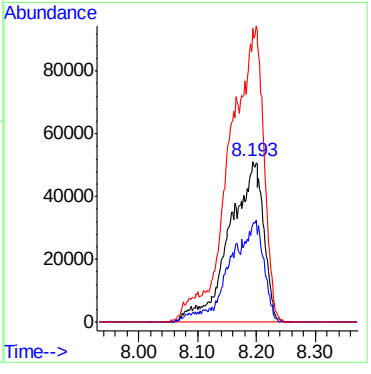


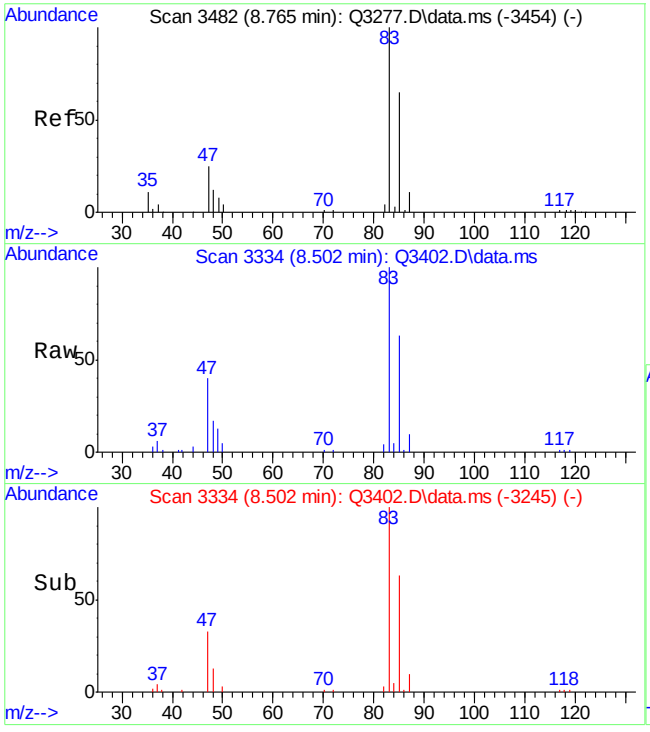


#29
cis-1,2-DICHLOROETHYLENE
Concen: 13.98 PPBV m
RT: 8.193 min Scan# 3160
Delta R.T. -0.052 min
Lab File: Q3402.D
Acq: 16 May 2007 6:08 pm

Tgt Ion: 96 Resp: 205199

Ion	Ratio	Lower	Upper
96	100		
98	17.8	0.0	20.0
61	0.0	0.0	20.0

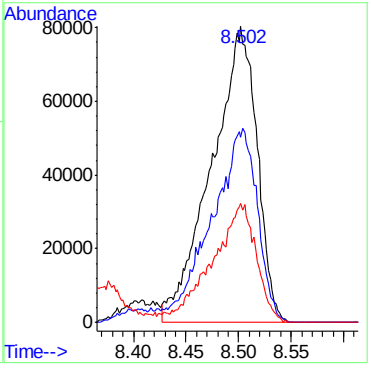


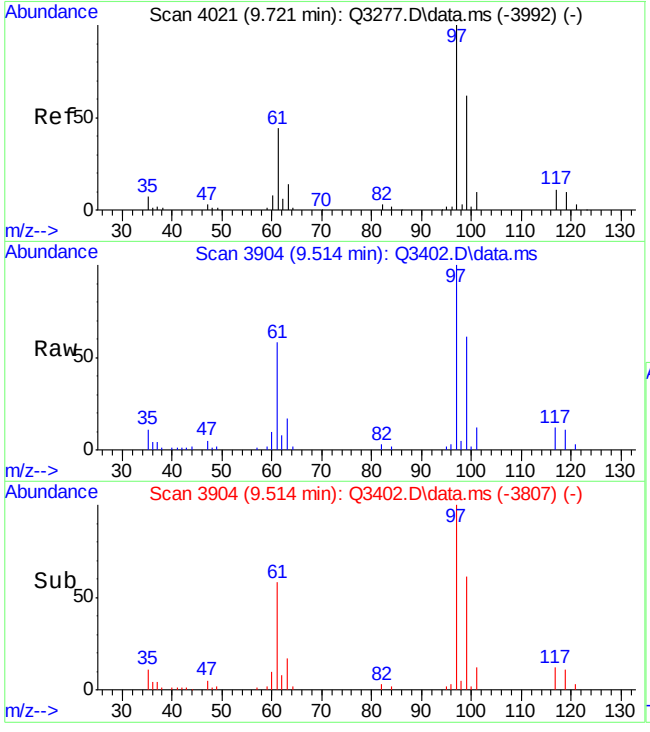


#31
CHLOROFORM
Concen: 5.88 PPBV
RT: 8.502 min Scan# 3334
Delta R.T. -0.048 min
Lab File: Q3402.D
Acq: 16 May 2007 6:08 pm

Tgt Ion: 83 Resp: 242619

Ion	Ratio	Lower	Upper
83	100		
85	66.0	0.0	20.0#
47	38.4	0.0	20.0#

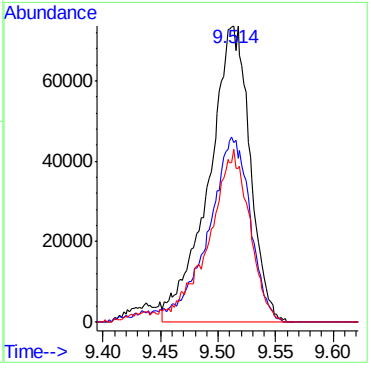


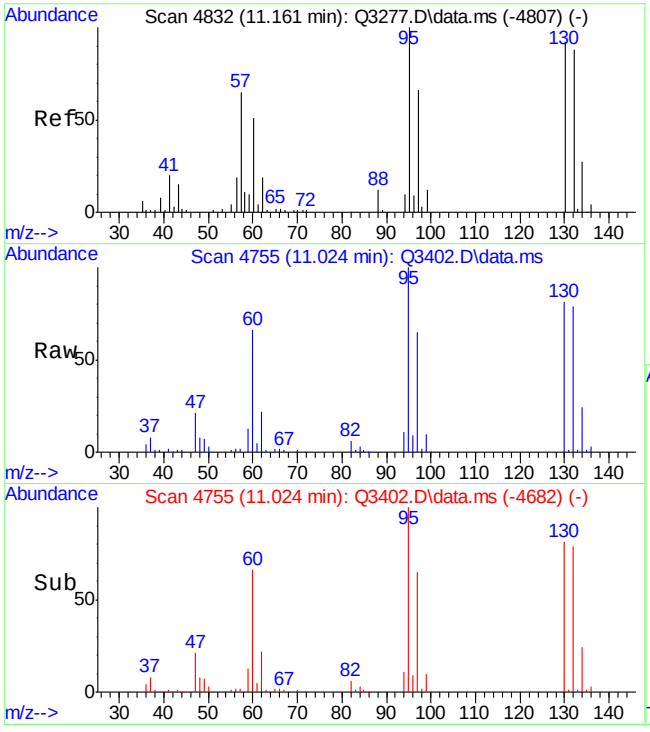


#32
1,1,1-TRICHLOROETHANE
Concen: 4.45 PPBV
RT: 9.514 min Scan# 3904
Delta R.T. -0.034 min
Lab File: Q3402.D
Acq: 16 May 2007 6:08 pm

Tgt Ion: 97 Resp: 184847

Ion	Ratio	Lower	Upper
97	100		
99	63.9	43.0	83.0
61	57.6	18.0	58.0

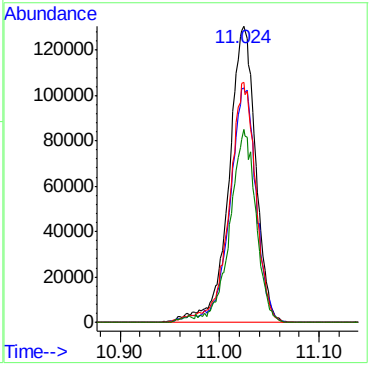


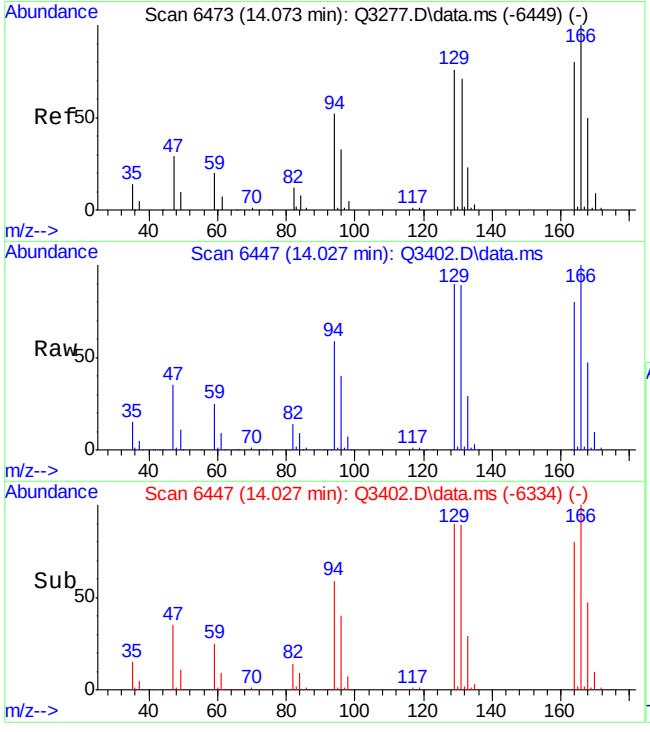


#38
TRICHLOROETHYLENE
Concen: 10.20 PPBV
RT: 11.024 min Scan# 4755
Delta R.T. -0.025 min
Lab File: Q3402.D
Acq: 16 May 2007 6:08 pm

Tgt Ion: 95 Resp: 244698

Ion	Ratio	Lower	Upper
95	100		
132	78.2	81.0	121.0#
130	80.1	78.3	118.3
97	63.5	45.7	85.7

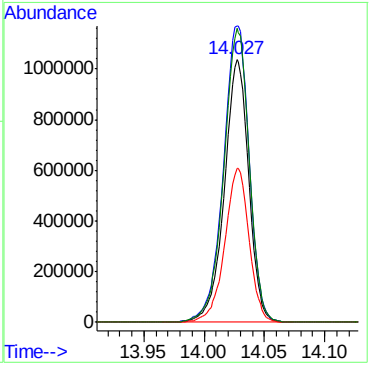




#51
TETRACHLOROETHYLENE
Concen: 51.63 PPBV m
RT: 14.027 min Scan# 6447
Delta R.T. -0.005 min
Lab File: Q3402.D
Acq: 16 May 2007 6:08 pm

Tgt Ion:164 Resp: 1453956

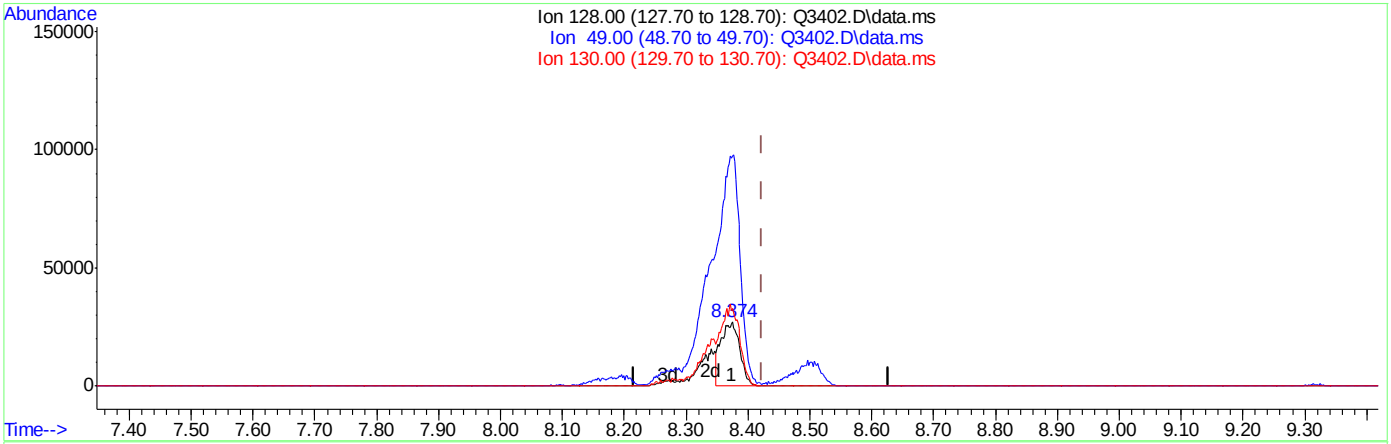
Ion	Ratio	Lower	Upper
164	100		
129	0.0	79.0	119.0#
168	0.0	40.2	80.2#
131	0.0	82.5	122.5#

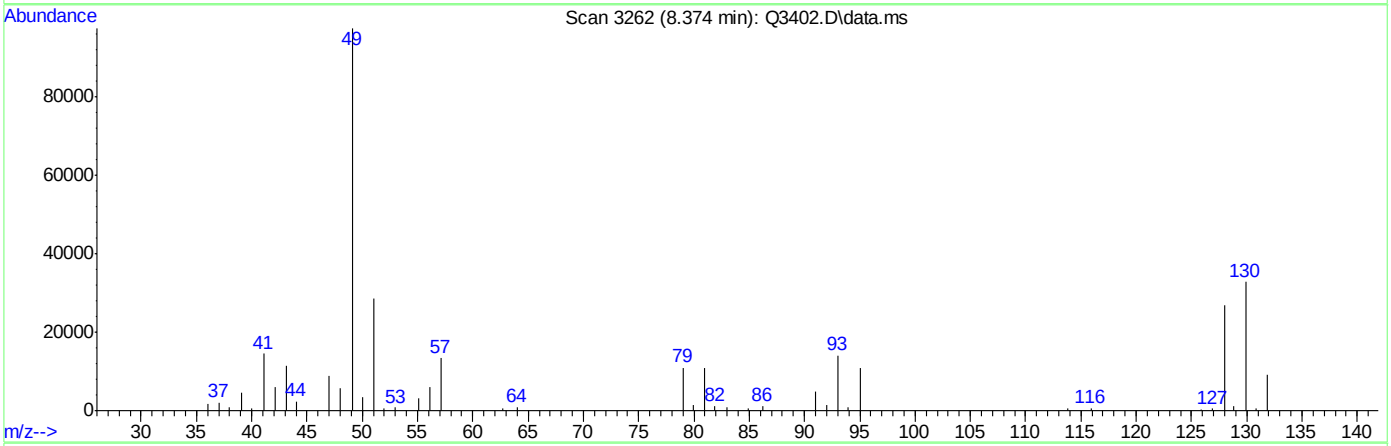


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3402.D
Acq On : 16 May 2007 6:08 pm
Operator : PhilipB
Sample : M64698-2
Misc : MS13579,MSQ186,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 17 10:19:56 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3402.D\data.ms

(1) BROMOCHLOROMETHANE (I)

8.374min (-0.048) 10.00PPBV

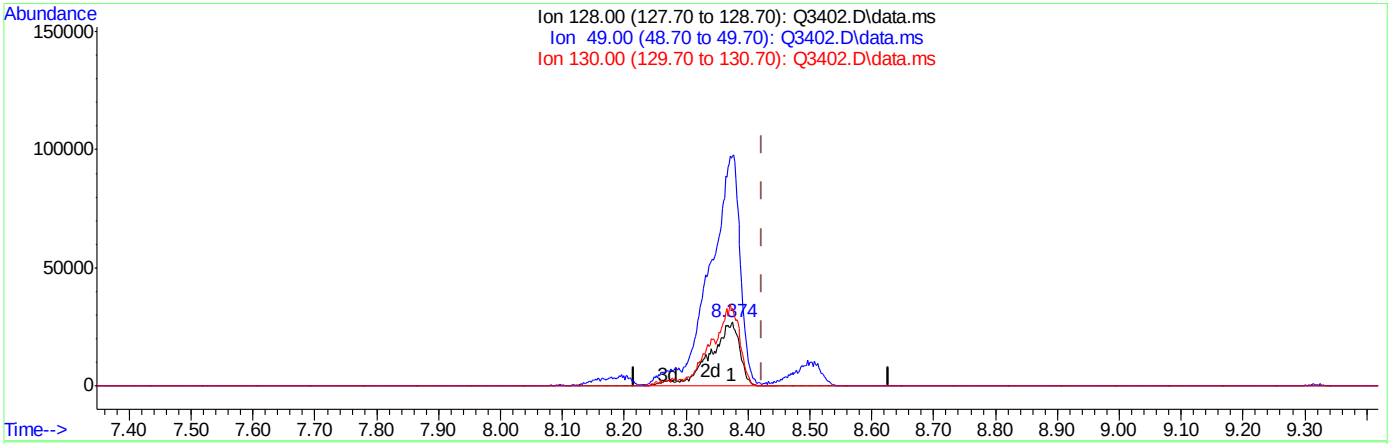
response 58510

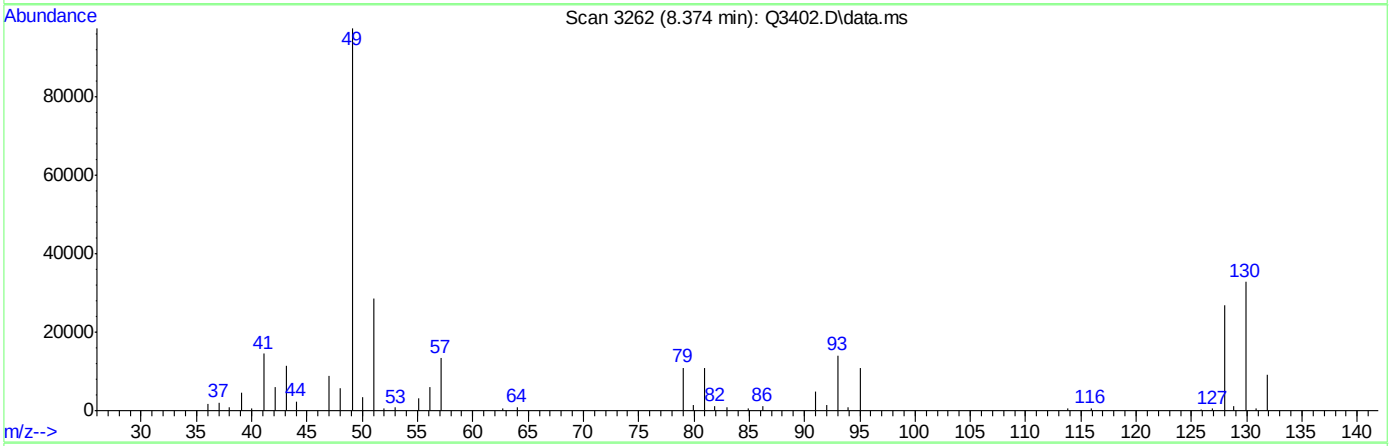
Ion	Exp%	Act%
128.00	100	100
49.00	0.00	534.60#
130.00	0.00	126.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3402.D
Acq On    : 16 May 2007   6:08 pm
Operator  : PhilipB
Sample    : M64698-2
Misc      : MS13579,MSQ186,,,,,1
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: May 17 10:19:56 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration
```



TIC: Q3402.D\data.ms

(1) BROMOCHLOROMETHANE (I)

8.374min (-0.048) 10.00PPBV m

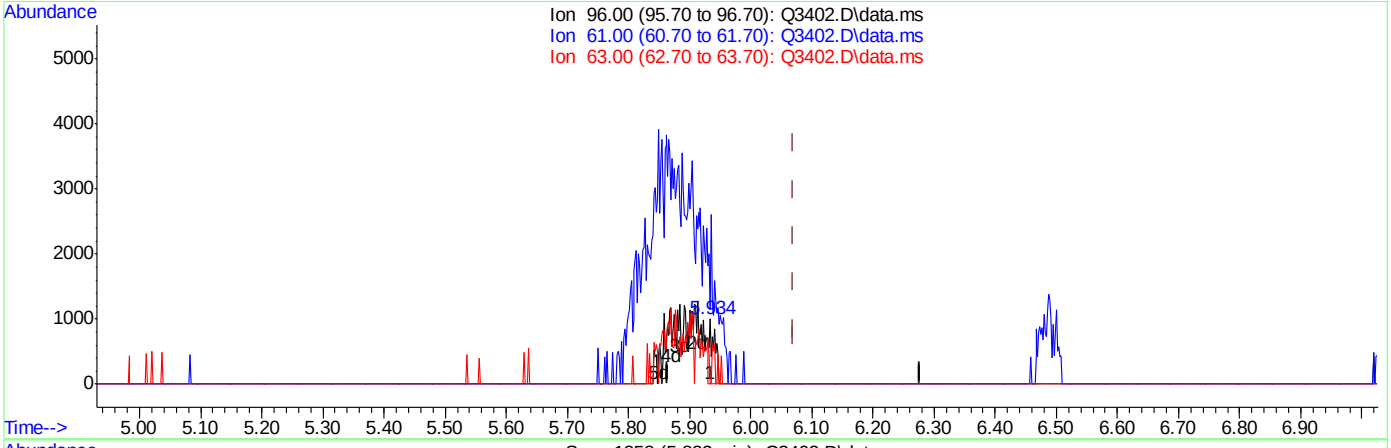
response 91004

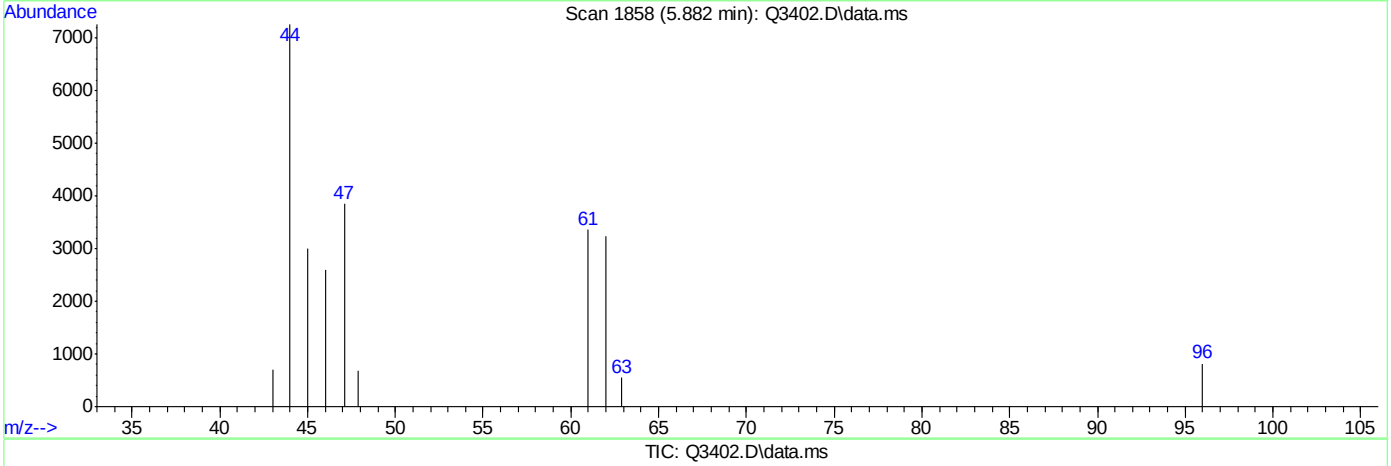
Ion	Exp%	Act%
128.00	100	100
49.00	0.00	343.71#
130.00	0.00	81.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3402.D
Acq On    : 16 May 2007   6:08 pm
Operator  : PhilipB
Sample    : M64698-2
Misc      : MS13579,MSQ186,,,,,1
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: May 17 10:19:56 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration
```



TIC: Q3402.D\data.ms

(14) 1,1-DICHLOROETHYLENE (m)

5.934min (-0.137) 0.03PPBV

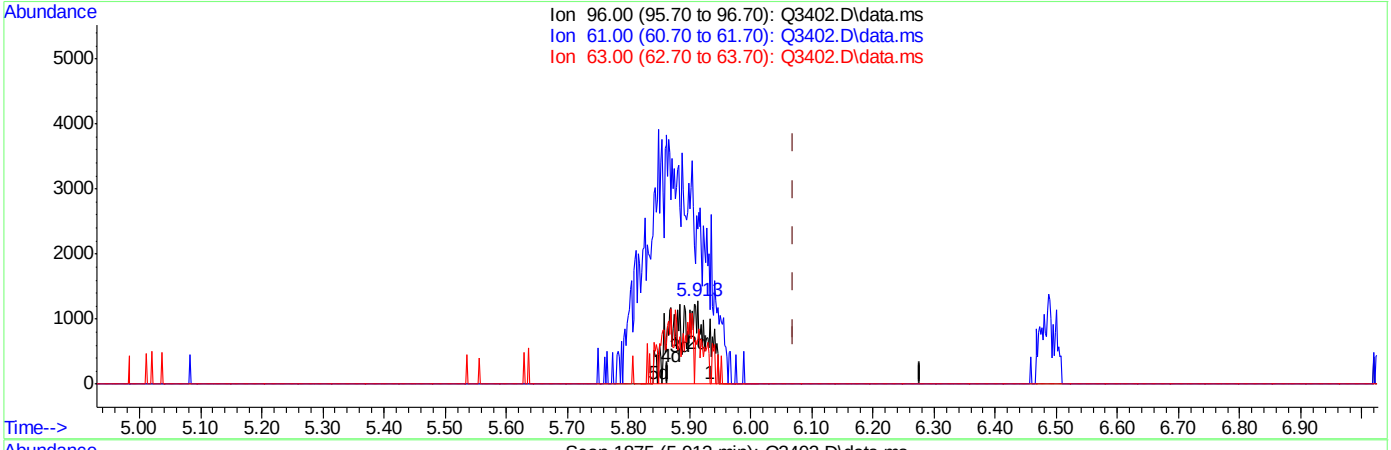
response 608

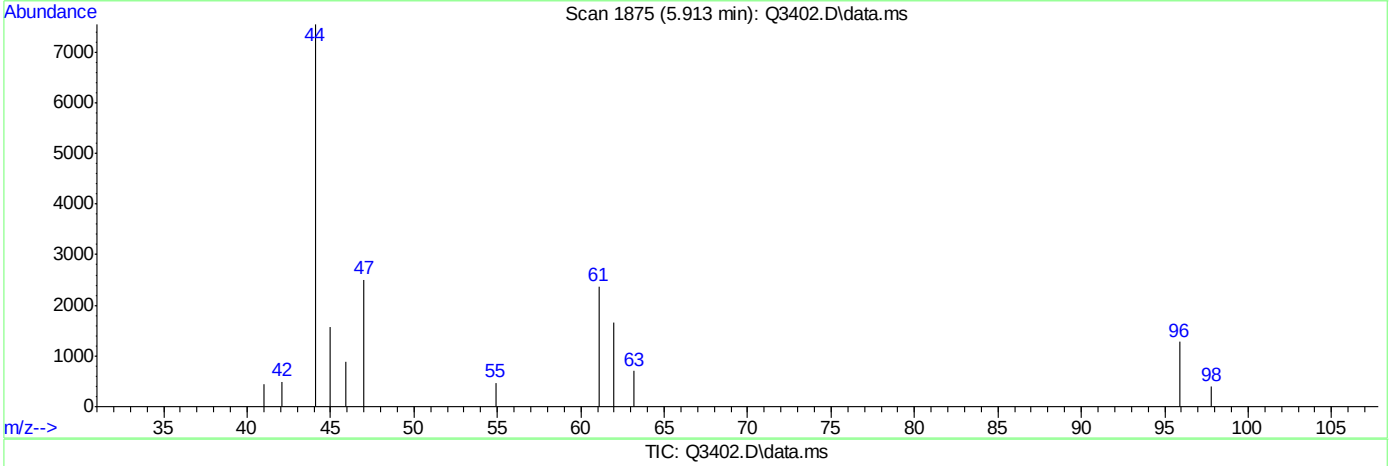
Ion	Exp%	Act%
96.00	100	100
61.00	0.10	0.00
63.00	0.00	38.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3402.D
Acq On : 16 May 2007 6:08 pm
Operator : PhilipB
Sample : M64698-2
Misc : MS13579,MSQ186,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 17 10:19:56 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3402.D\data.ms

(14) 1,1-DICHLOROETHYLENE (m)

5.913min (-0.158) 0.21PPBV m

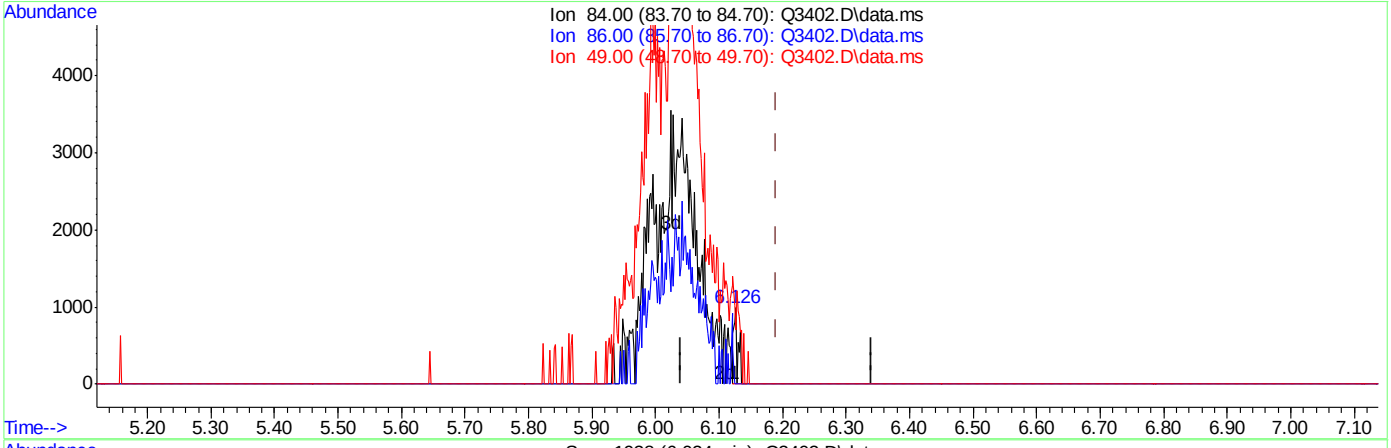
response 4744

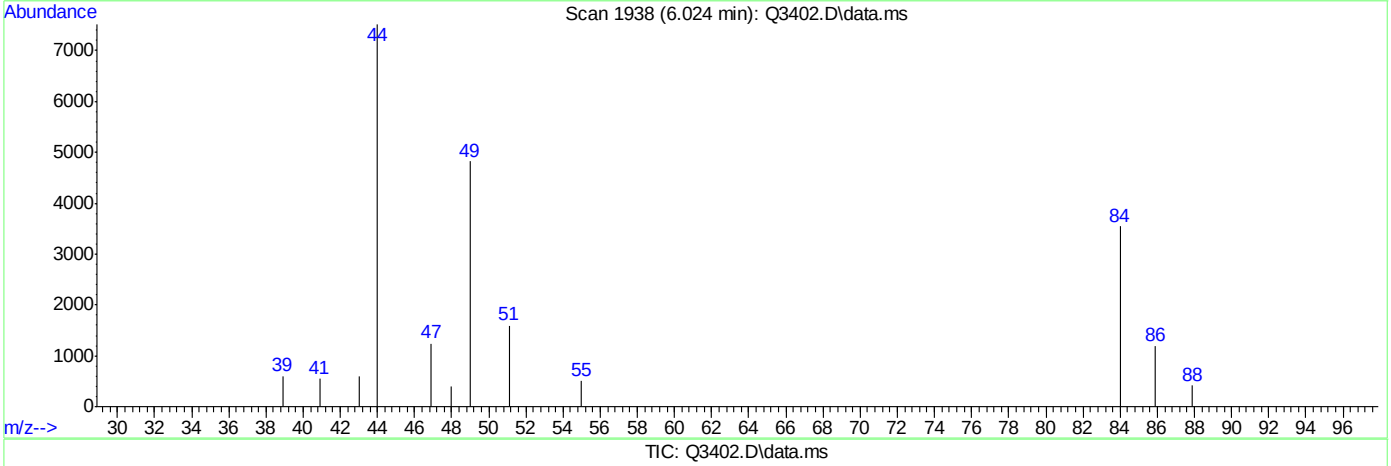
Ion	Exp%	Act%
96.00	100	100
61.00	0.10	0.00
63.00	0.00	4.95
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3402.D
Acq On    : 16 May 2007   6:08 pm
Operator  : PhilipB
Sample    : M64698-2
Misc      : MS13579,MSQ186,,,,,1
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: May 17 10:19:56 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration
```



TIC: Q3402.D\data.ms

(18) METHYLENE CHLORIDE (m)

6.126min (-0.065) -1.24PPBV

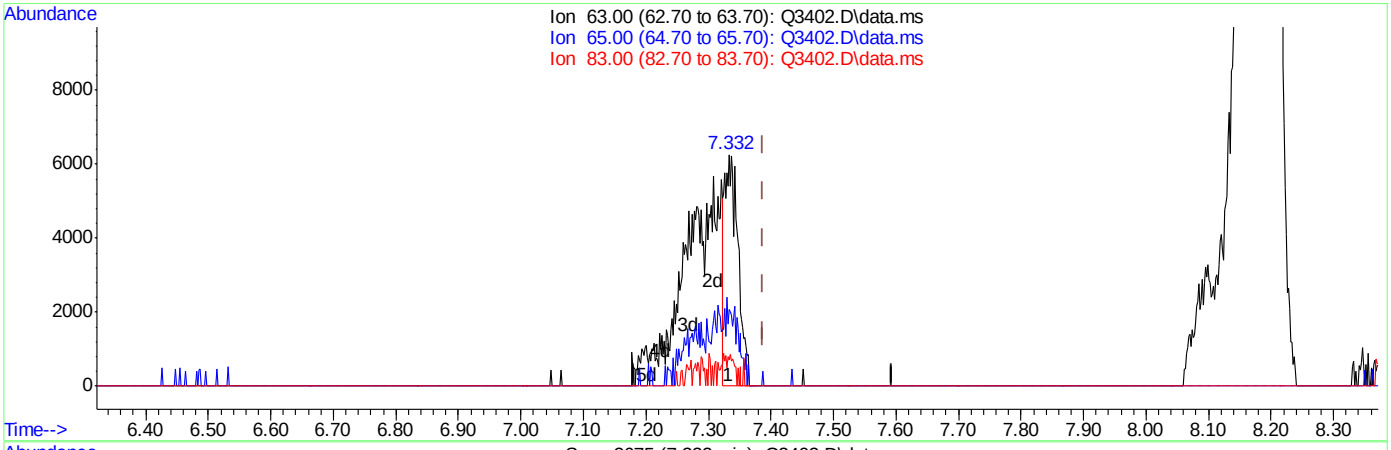
response 436

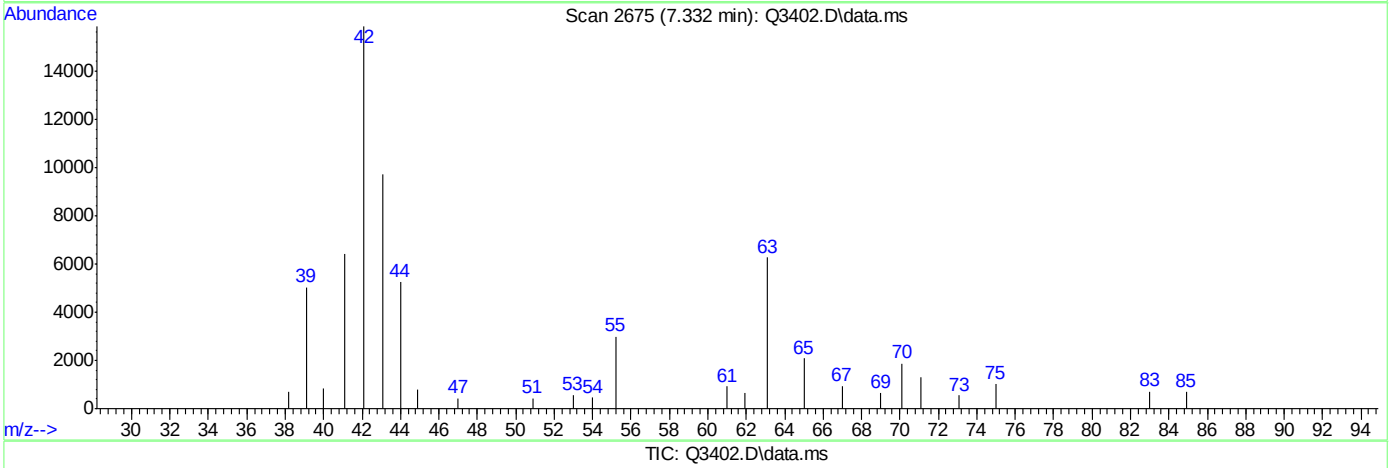
Ion	Exp%	Act%
84.00	100	100
86.00	1.10	43.58#
49.00	4.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3402.D
Acq On : 16 May 2007 6:08 pm
Operator : PhilipB
Sample : M64698-2
Misc : MS13579,MSQ186,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 17 10:19:56 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3402.D\data.ms

(27) 1,1-DICHLOROETHANE (m)

7.332min (-0.055) 0.25PPBV

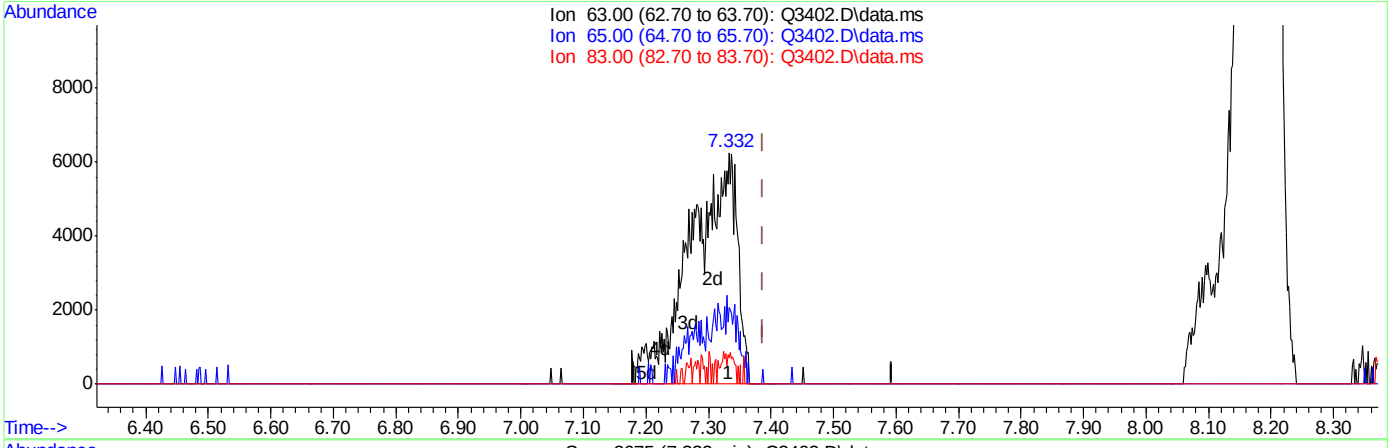
response 9591

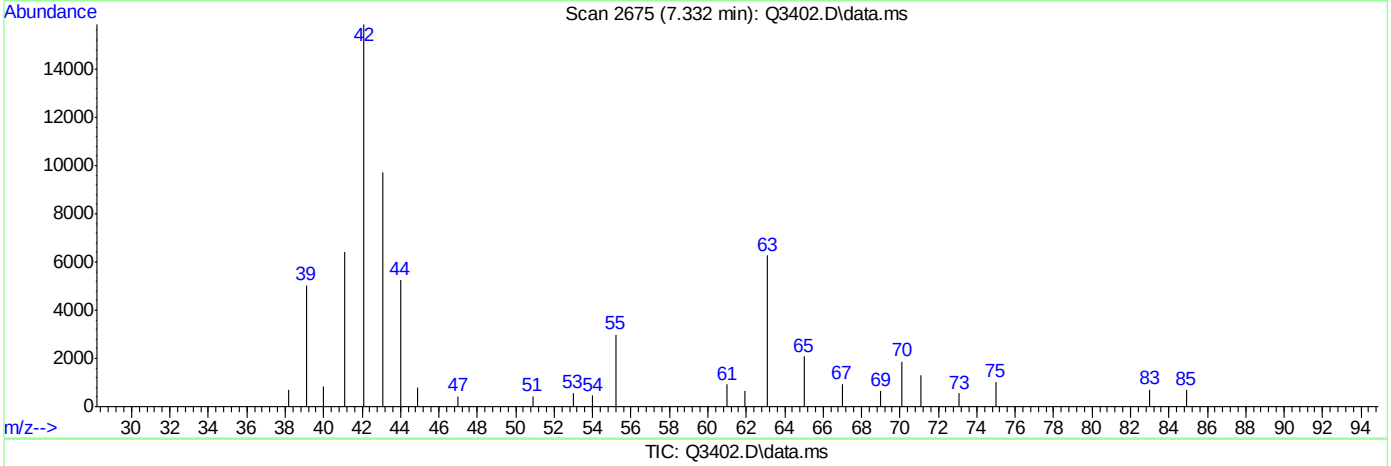
Ion	Exp%	Act%
63.00	100	100
65.00	0.00	36.37#
83.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3402.D
Acq On : 16 May 2007 6:08 pm
Operator : PhilipB
Sample : M64698-2
Misc : MS13579,MSQ186,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 17 10:19:56 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3402.D\data.ms

(27) 1,1-DICHLOROETHANE (m)

7.332min (-0.055) 0.82PPBV m

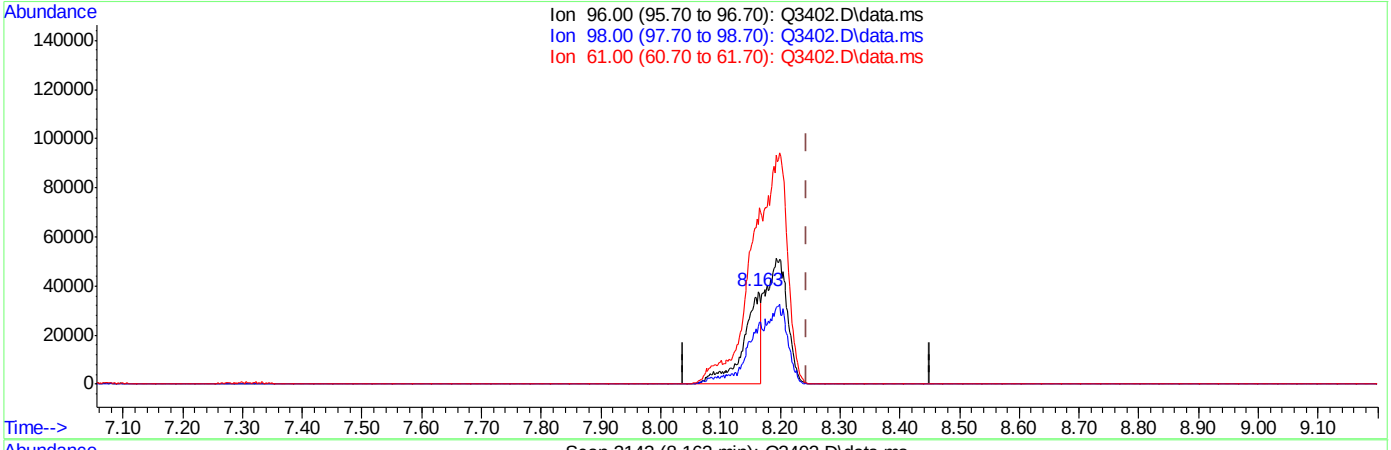
response 32018

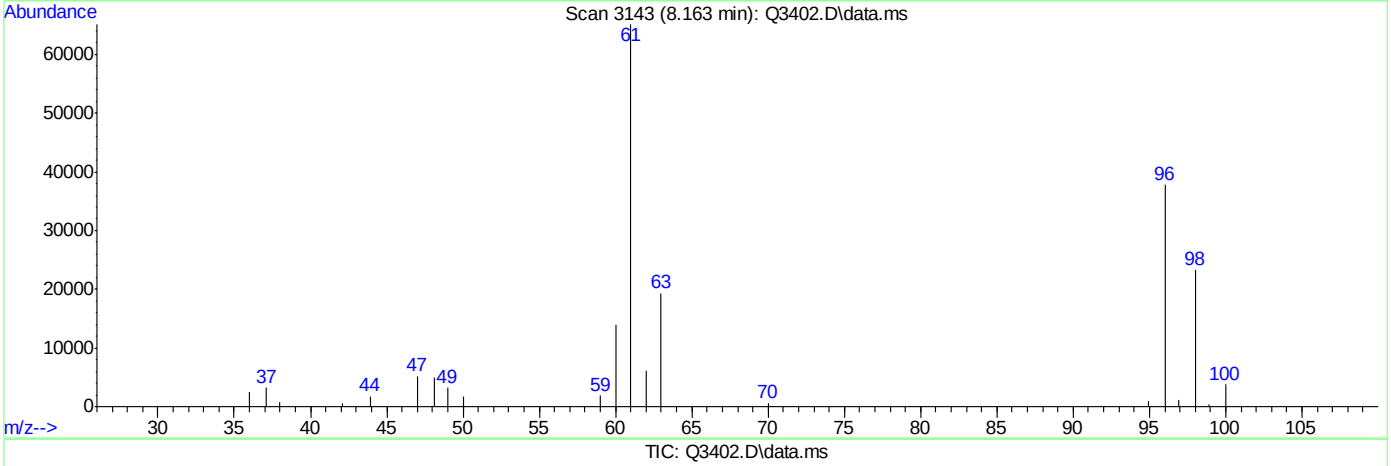
Ion	Exp%	Act%
63.00	100	100
65.00	0.00	10.89
83.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3402.D
Acq On    : 16 May 2007   6:08 pm
Operator  : PhilipB
Sample    : M64698-2
Misc      : MS13579,MSQ186,,,,,1
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: May 17 10:19:56 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration
```



TIC: Q3402.D\data.ms

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

8.163min (-0.082) 5.12PPBV

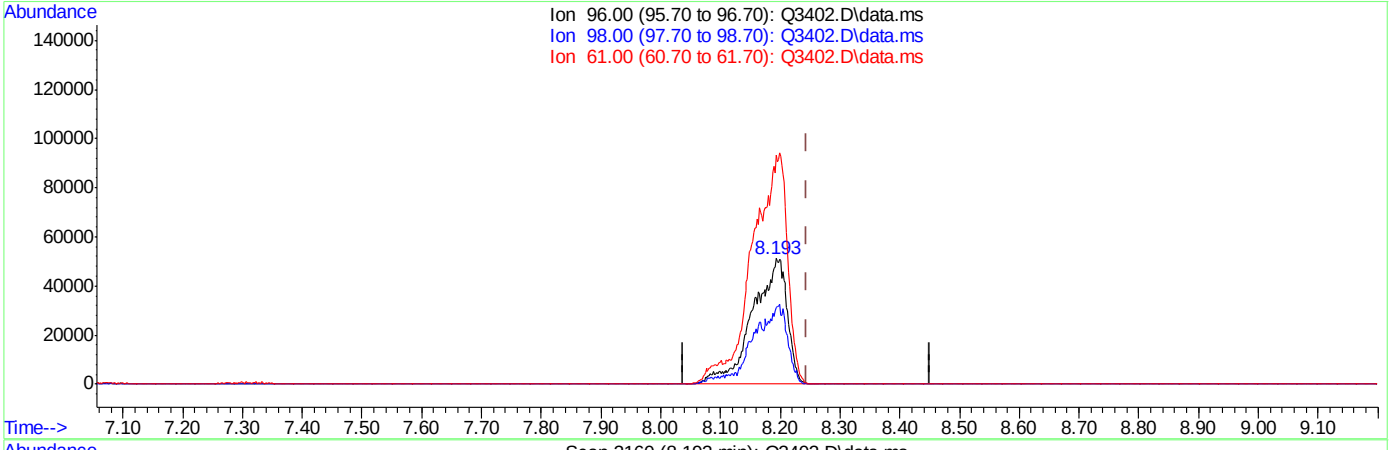
response 75180

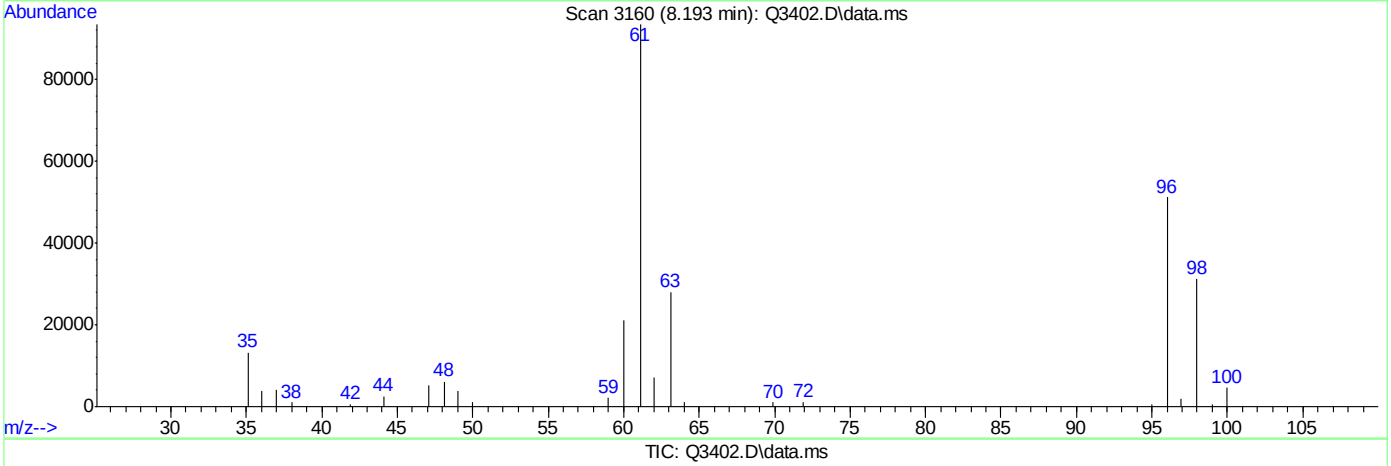
Ion	Exp%	Act%
96.00	100	100
98.00	0.00	48.54#
61.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3402.D
Acq On : 16 May 2007 6:08 pm
Operator : PhilipB
Sample : M64698-2
Misc : MS13579,MSQ186,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 17 10:19:56 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3402.D\data.ms

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

8.193min (-0.052) 13.98PPBV m

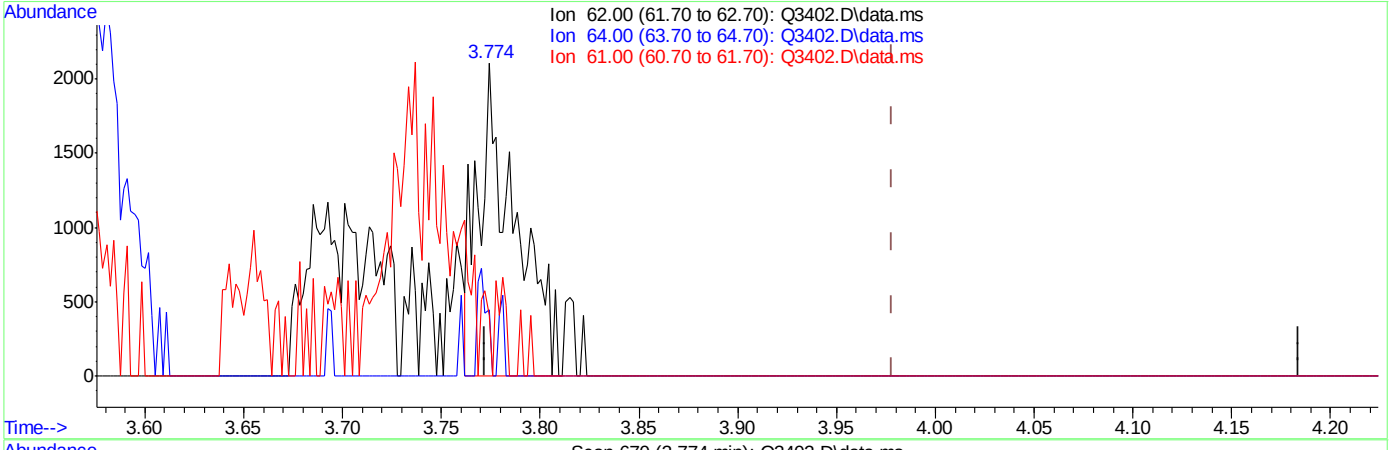
response 205199

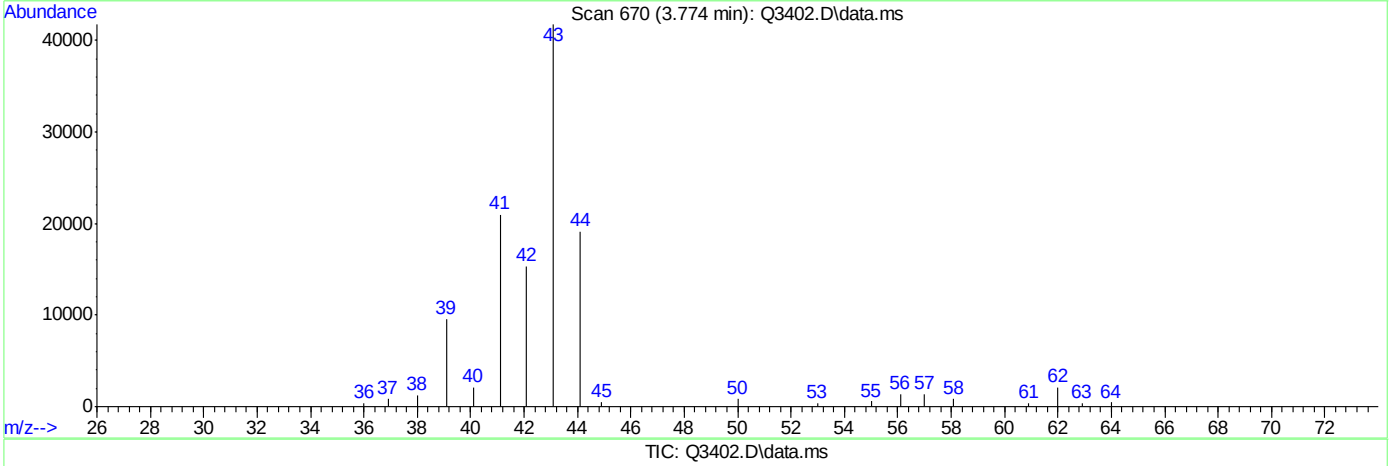
Ion	Exp%	Act%
96.00	100	100
98.00	0.00	17.78
61.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3402.D
Acq On    : 16 May 2007   6:08 pm
Operator  : PhilipB
Sample    : M64698-2
Misc      : MS13579,MSQ186,,,,,1
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: May 17 10:19:56 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration
```



TIC: Q3402.D\data.ms

(6) VINYL CHLORIDE (m)

3.774min (-0.204) 0.10PPBV

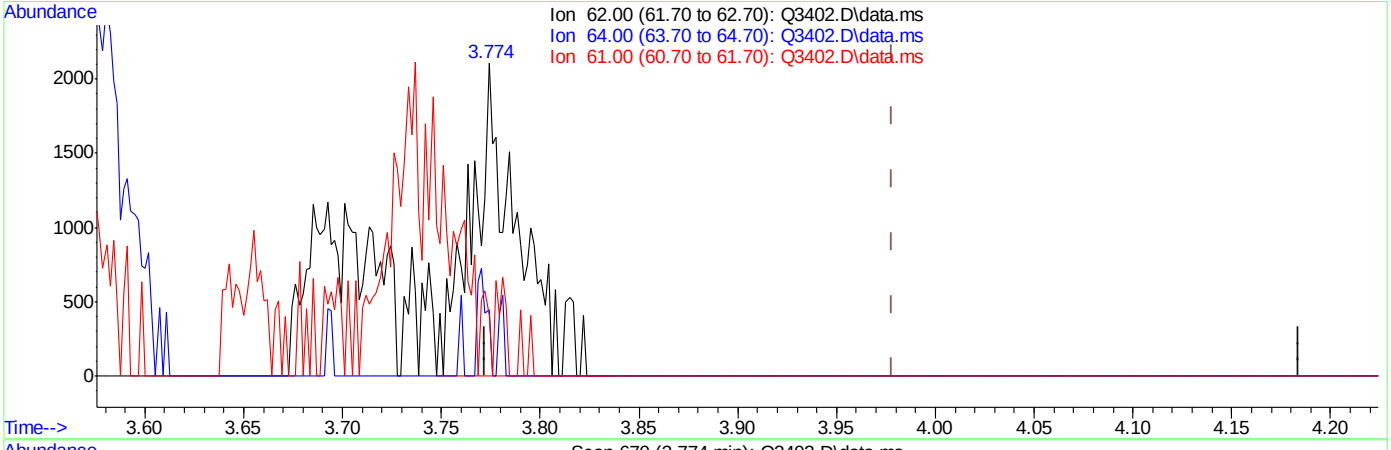
response 2777

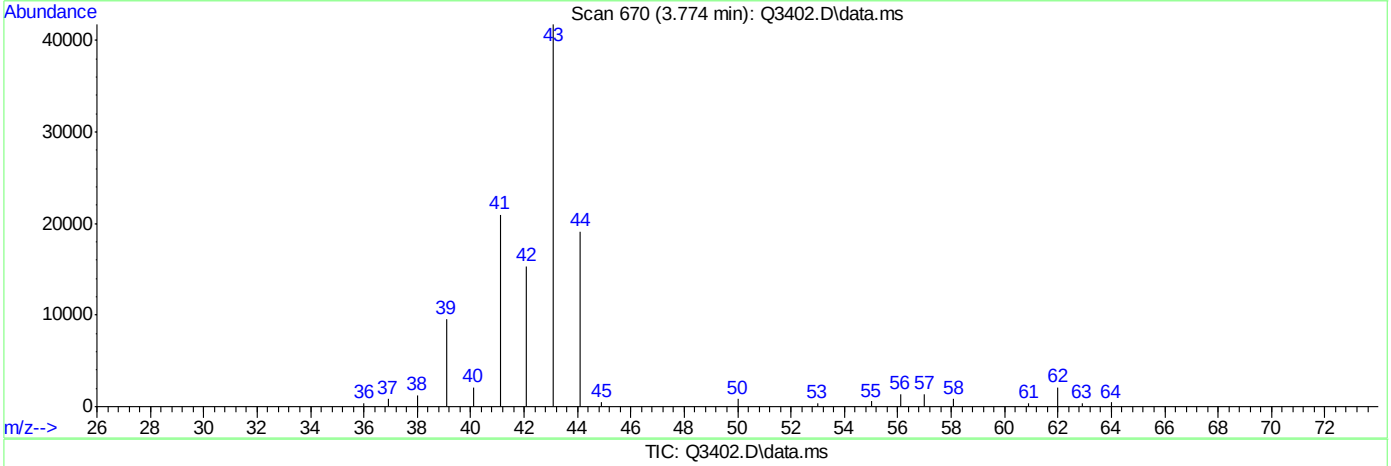
Ion	Exp%	Act%
62.00	100	100
64.00	49.80	12.24#
61.00	2.70	11.67
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3402.D
Acq On : 16 May 2007 6:08 pm
Operator : PhilipB
Sample : M64698-2
Misc : MS13579,MSQ186,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 17 10:19:56 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3402.D\data.ms

(6) VINYL CHLORIDE (m)

3.774min (-0.204) 0.12PPBV m

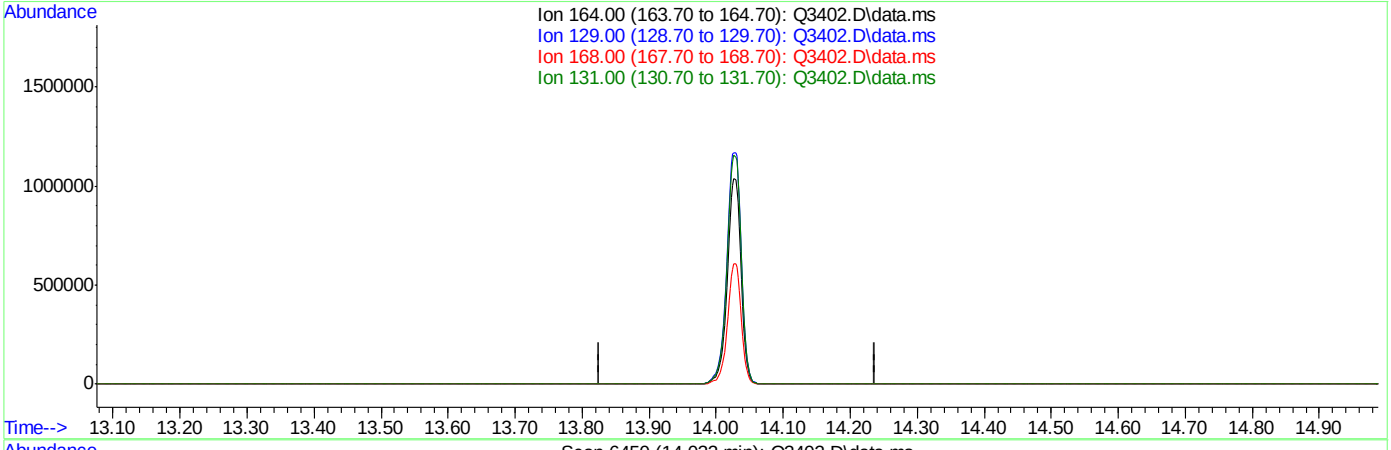
response 3438

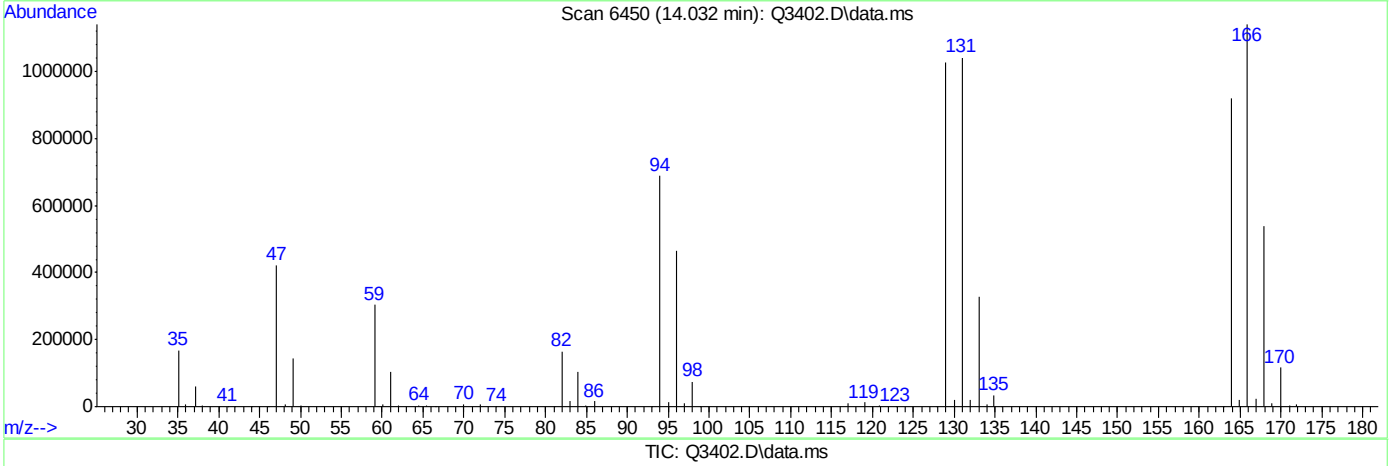
Ion	Exp%	Act%
62.00	100	100
64.00	49.80	9.89#
61.00	2.70	9.42
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3402.D
Acq On    : 16 May 2007   6:08 pm
Operator  : PhilipB
Sample    : M64698-2
Misc      : MS13579,MSQ186,,,,,1
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: May 17 10:19:56 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration
```



(51) TETRACHLOROETHYLENE (m)

14.032min 0.00PPBV d

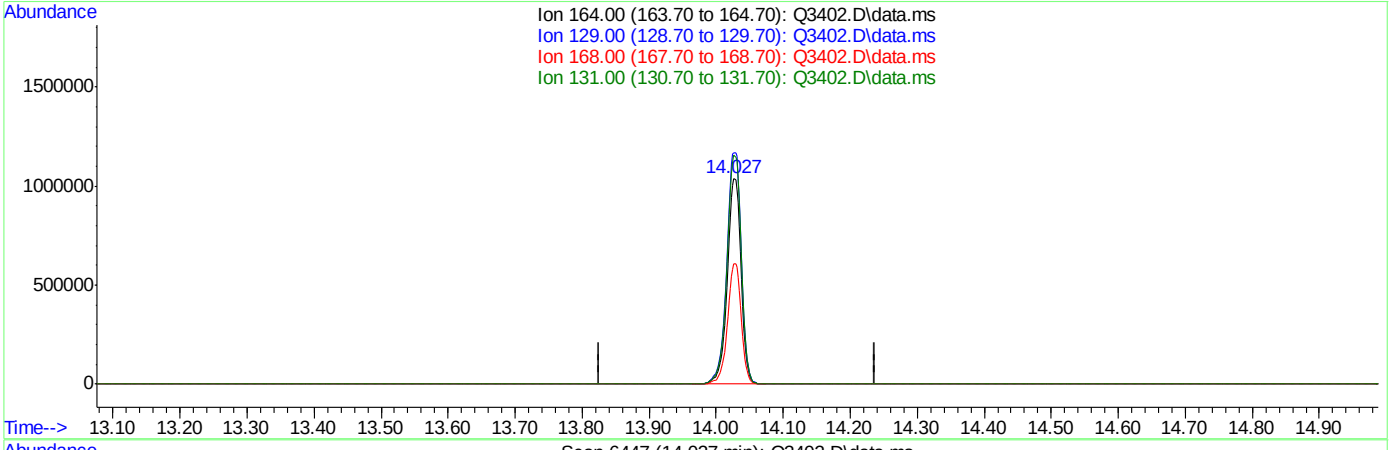
response 0

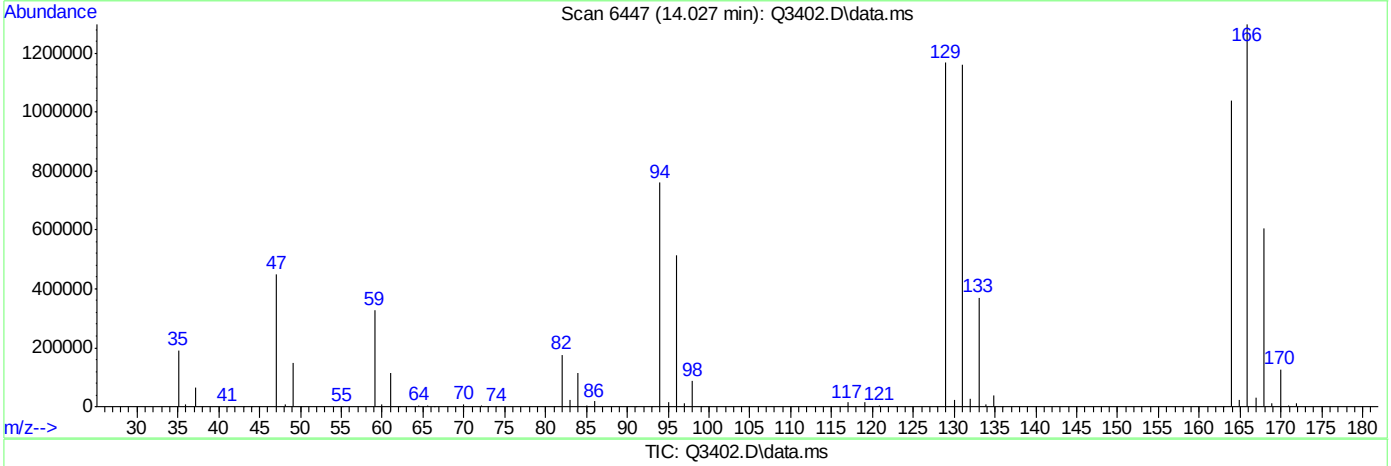
Ion	Exp%	Act%
164.00	100	0.00
129.00	99.00	0.00
168.00	60.20	0.00
131.00	102.50	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3402.D
Acq On    : 16 May 2007   6:08 pm
Operator  : PhilipB
Sample    : M64698-2
Misc      : MS13579,MSQ186,,,,,1
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: May 17 10:19:56 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration
```



(51) TETRACHLOROETHYLENE (m)

14.027min (-0.005) 51.63PPBV m

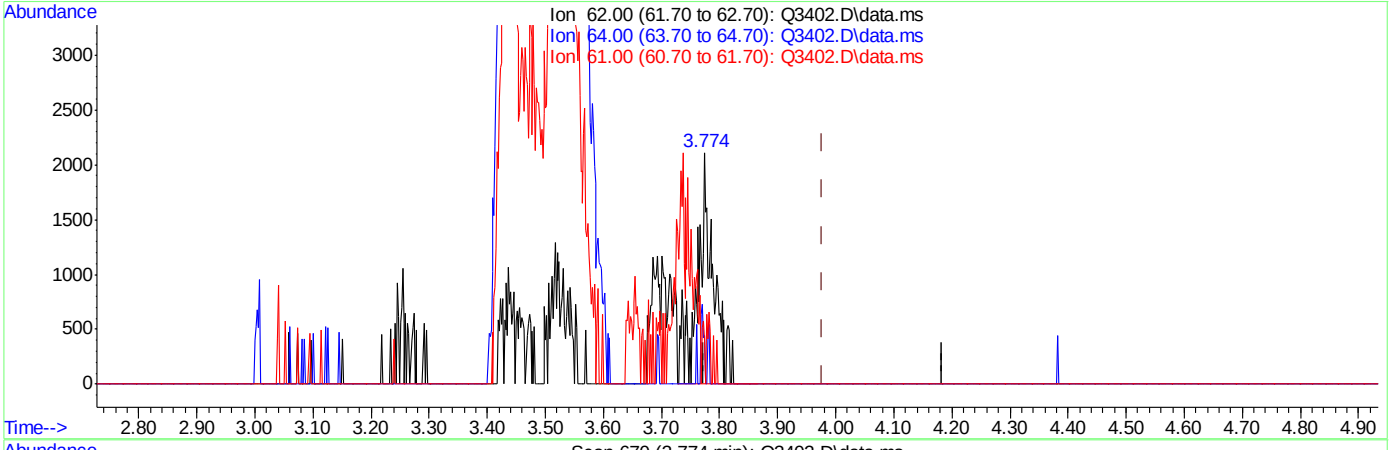
response 1453956

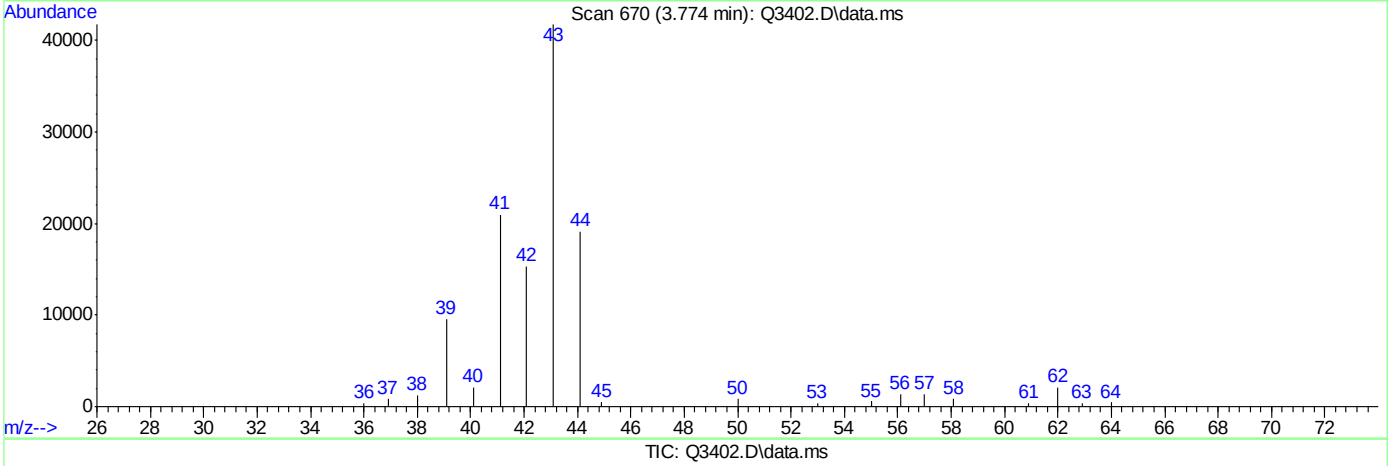
Ion	Exp%	Act%
164.00	100	100
129.00	99.00	0.00#
168.00	60.20	0.00#
131.00	102.50	0.00#

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3402.D
Acq On    : 16 May 2007   6:08 pm
Operator  : PhilipB
Sample    : M64698-2
Misc      : MS13579,MSQ186,,,,,1
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: May 17 10:22:24 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration
```



TIC: Q3402.D\data.ms

(6) VINYL CHLORIDE (m)

3.774min (-0.204) 0.14PPBV m

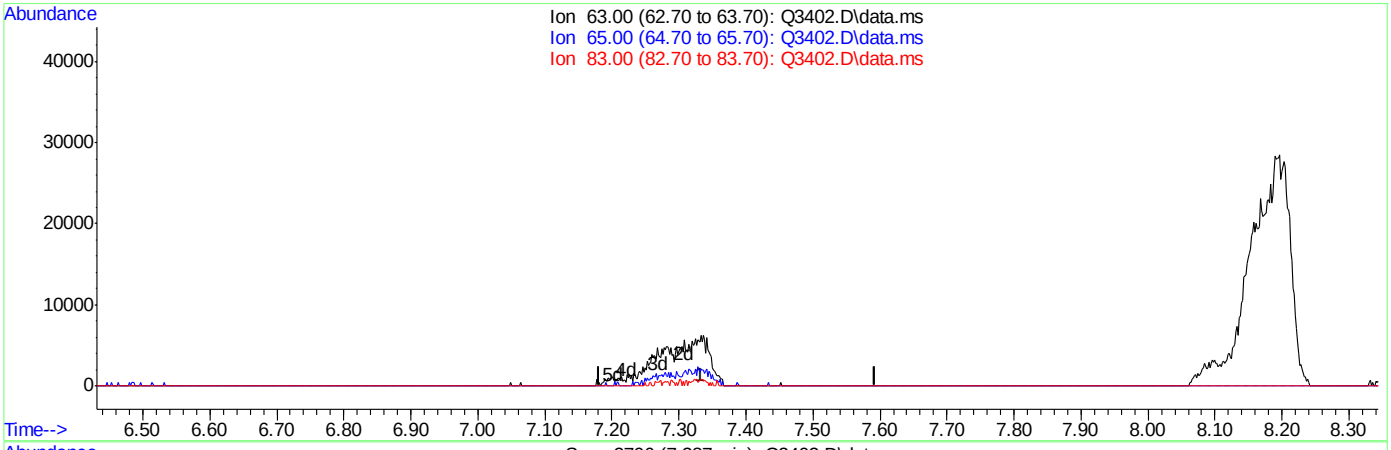
response 3933

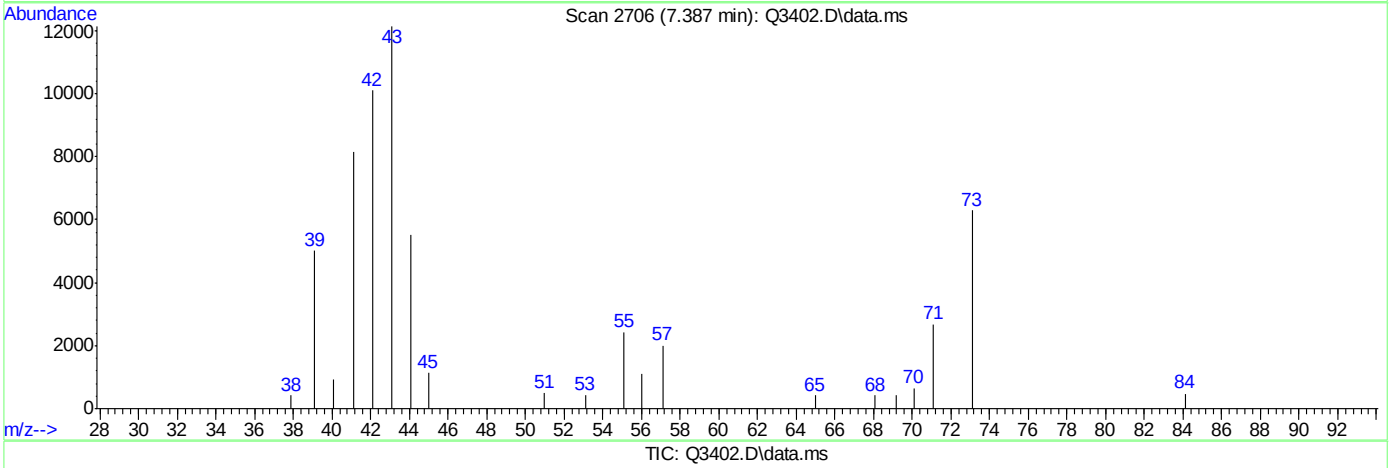
Ion	Exp%	Act%
62.00	100	100
64.00	49.80	8.64#
61.00	2.70	8.24
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3402.D
Acq On : 16 May 2007 6:08 pm
Operator : PhilipB
Sample : M64698-2RDUP
Misc : MS13579,MSQ186,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 17 10:24:23 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3402.D\data.ms

(27) 1,1-DICHLOROETHANE (m)

7.388min 0.00PPBV d

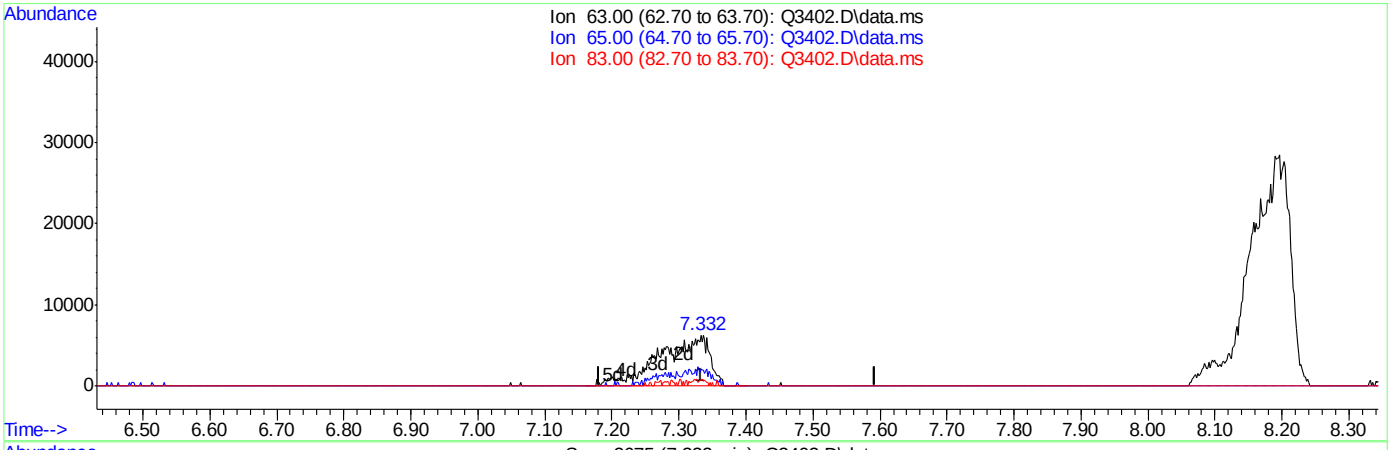
response 0

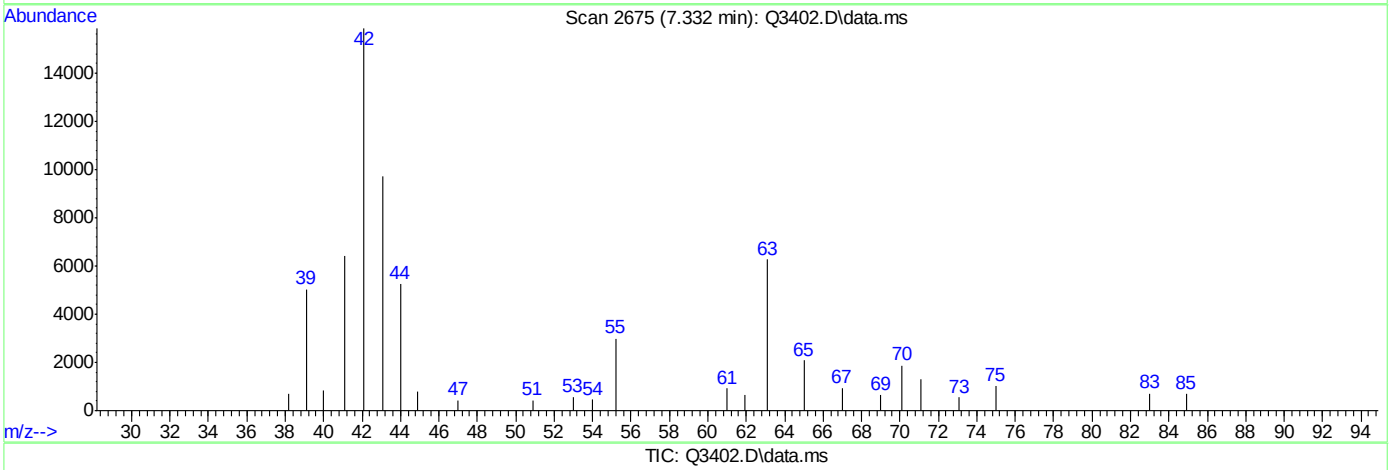
Ion	Exp%	Act%
63.00	100	0.00
65.00	0.00	0.00
83.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3402.D
Acq On : 16 May 2007 6:08 pm
Operator : PhilipB
Sample : M64698-2RDUP
Misc : MS13579,MSQ186,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 17 10:24:23 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3402.D\data.ms

(27) 1,1-DICHLOROETHANE (m)

7.332min (-0.055) 0.82PPBV m

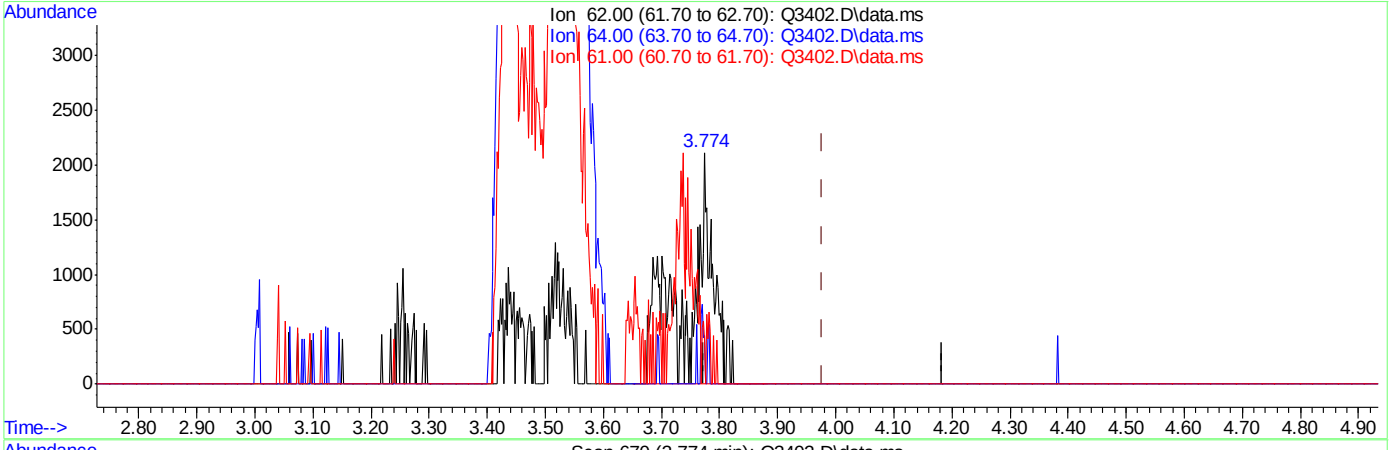
response 32018

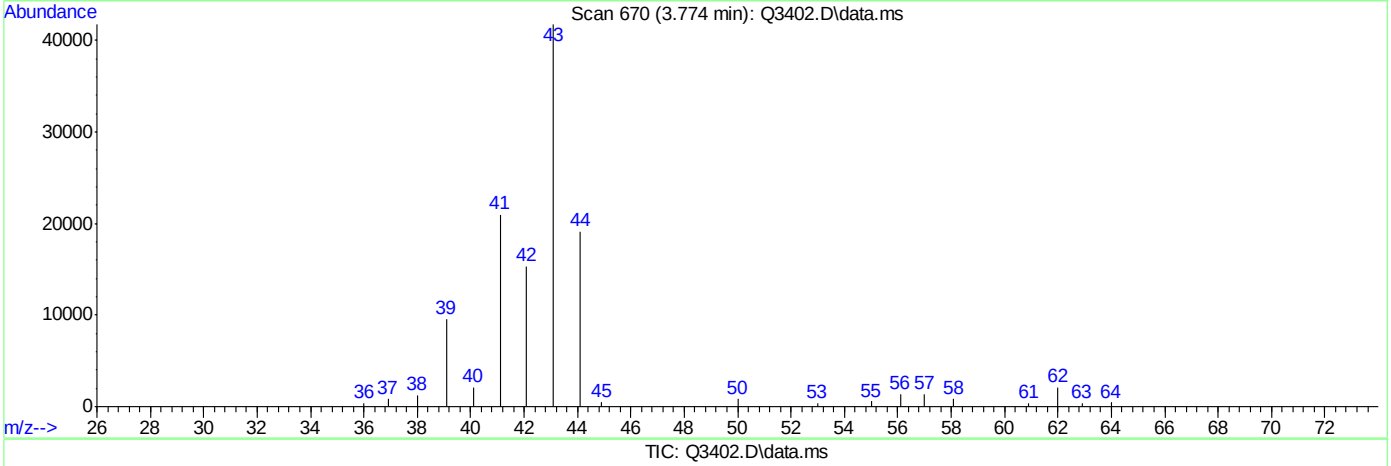
Ion	Exp%	Act%
63.00	100	100
65.00	0.00	0.00
83.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3402.D
Acq On    : 16 May 2007   6:08 pm
Operator  : PhilipB
Sample    : M64698-2RDUP
Misc      : MS13579,MSQ186,,,,,1
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: May 17 11:48:15 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration
```



TIC: Q3402.D\data.ms

(6) VINYL CHLORIDE (m)

3.774min (-0.204) 0.23PPBV m

response 6539

Ion	Exp%	Act%
62.00	100	100
64.00	49.80	5.20#
61.00	2.70	4.95
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10035.D
Acq On : 14 Apr 2007 2:28 am
Operator : PhilipB
Sample : BLK (M061)
Misc : MS13373, MSJ518,,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 16 08:46:15 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Apr 13 13:41:50 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	248401	10.00	PPBV	-0.01
35) 1,4-DIFLUOROBENZENE	10.43	114	573744	10.00	PPBV	-0.01
49) CHLOROBENZENE-D5	14.67	117	465622	10.00	PPBV	-0.01

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	107599	3.86	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 77.20%

Target Compounds	Qvalue

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

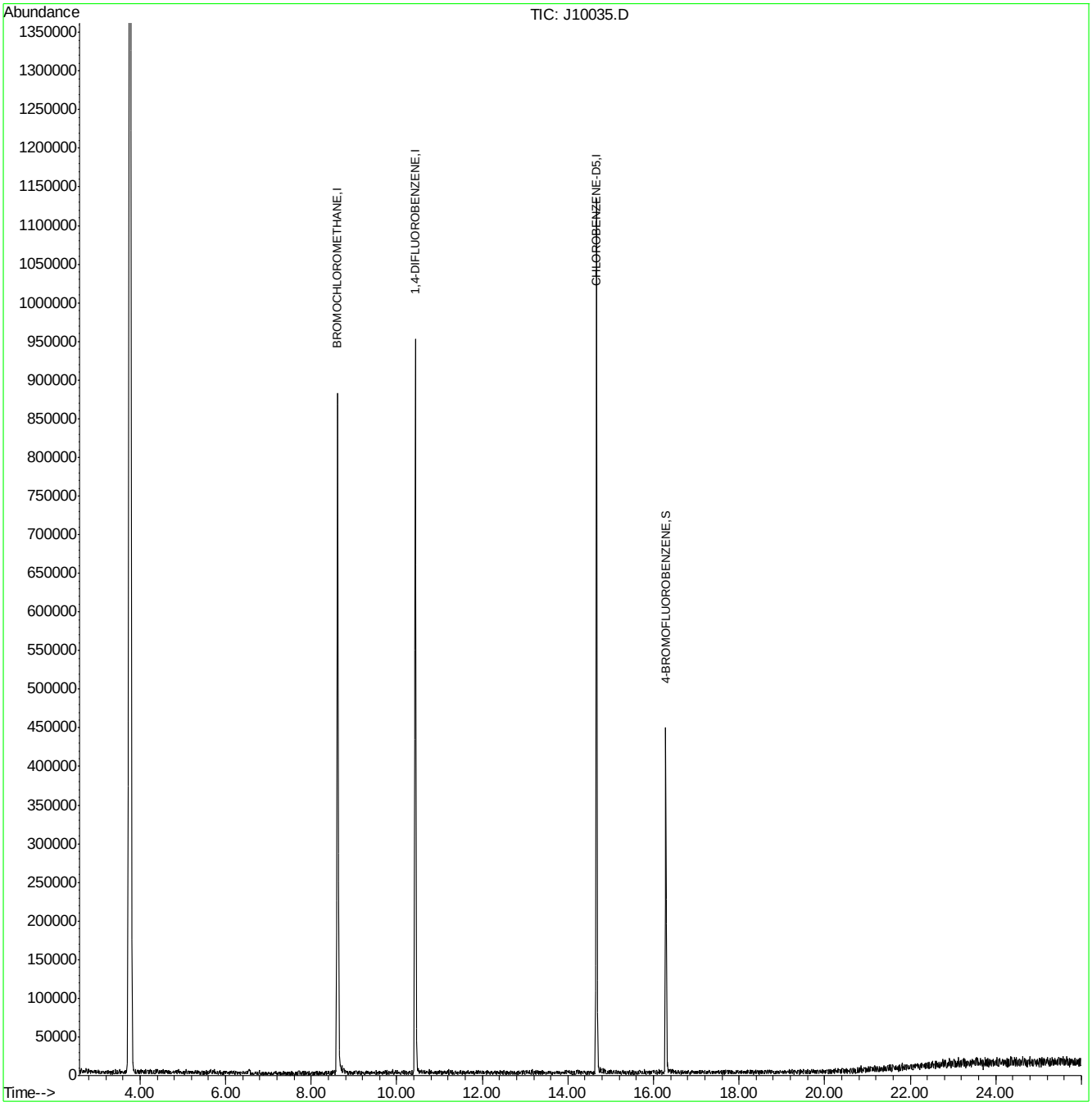
6.5.1

6

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10035.D
Acq On : 14 Apr 2007 2:28 am
Operator : PhilipB
Sample : BLK (M061)
Misc : MS13373, MSJ518,,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 16 08:46:15 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Apr 13 13:41:50 2007
Response via : Initial Calibration

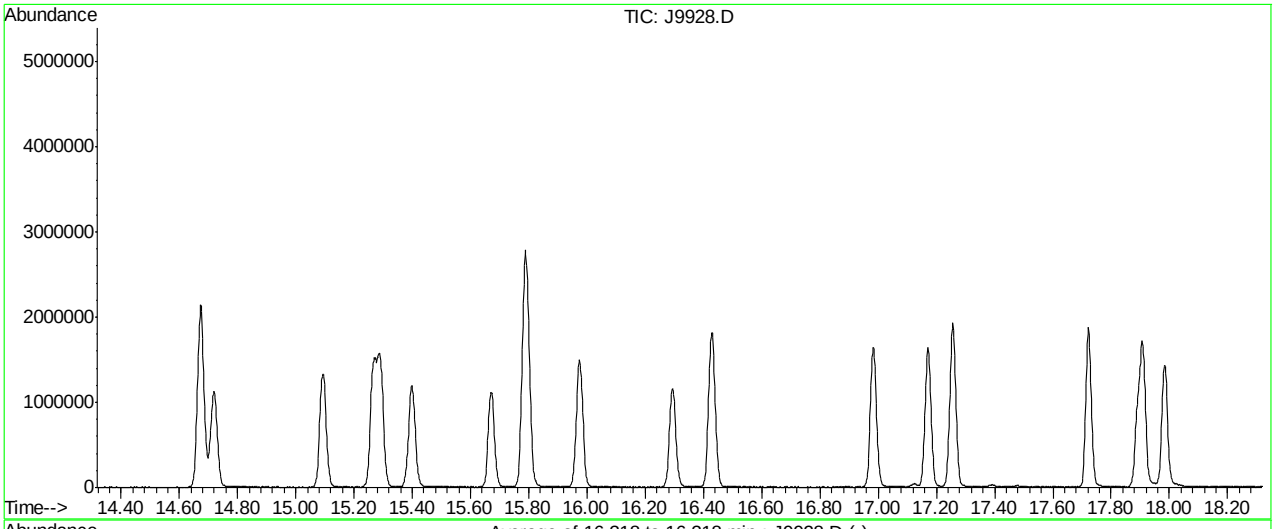


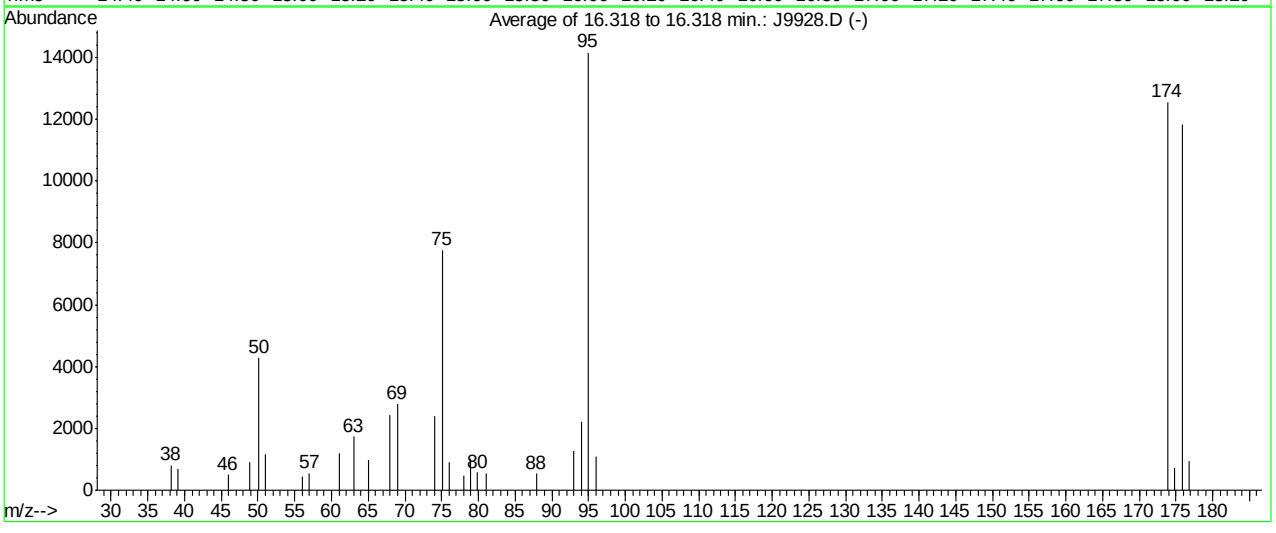
BFB

Data File : C:\MSDCHEM\1\DATA\J9928.D
Acq On : 5 Apr 2007 12:13 pm
Sample : IC513-10 (M014)
Misc : MS13316, MSJ513,,,,,1
MS Integration Params: LSCINT.P

Vial: 2
Operator: PhilipB
Inst : MSJ
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.318 to 16.318 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	30.2	4273	PASS
75	95	30	66	54.9	7769	PASS
95	95	100	100	100.0	14160	PASS
96	95	5	9	7.7	1090	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	88.7	12562	PASS
175	174	4	9	5.9	735	PASS
176	174	93	101	94.0	11811	PASS
177	176	5	9	8.0	949	PASS

J9928.D J040407T.M Thu Apr 05 13:51:49 2007

Average of 16.318 to 16.318 min.: J9928.D
IC513-10 (M014)
Modified:subtracted

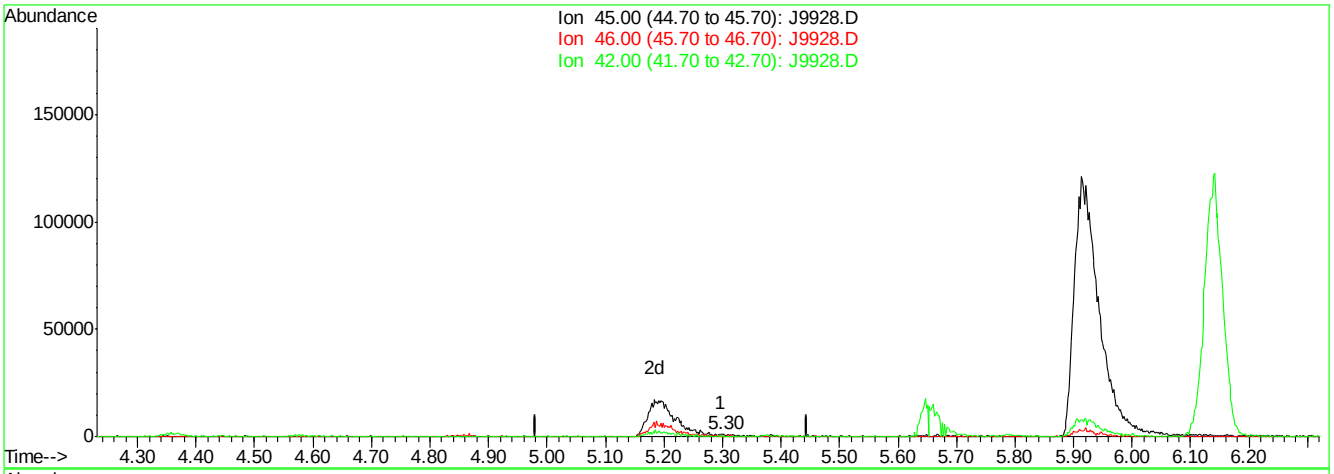
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.10	799	68.00	2426	94.00	2219		
39.10	692	69.00	2778	94.95	14160		
45.90	505	74.10	2397	96.00	1090		
48.90	901	75.10	7769	173.80	12562		
50.10	4273	76.10	912	174.80	735		
51.00	1177	78.00	474	175.90	11811		
56.00	435	78.90	1022	176.70	949		
57.00	555	79.90	568				
61.00	1201	81.00	537				
63.00	1734	87.90	533				
65.00	978	93.00	1269				

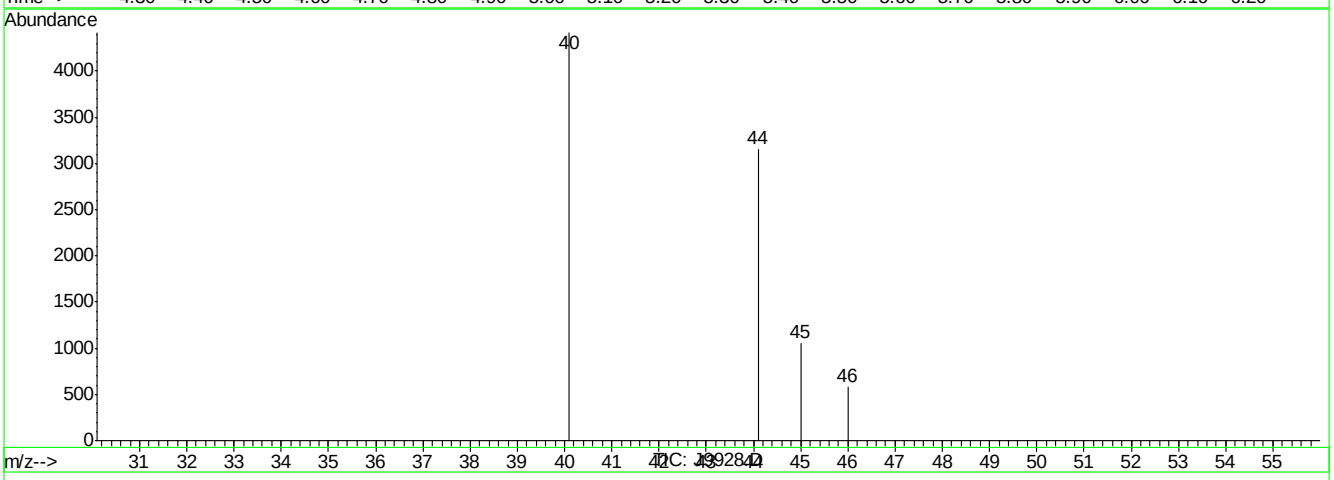
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9928.D Vial: 2
Acq On : 5 Apr 2007 12:13 pm Operator: PhilipB
Sample : IC513-10 (M014) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 13:46:48 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 13:44:07 2007
Response via : Multiple Level Calibration





(16) ETHANOL (m)

5.30min 0.23PPBV

response 1403

Ion	Exp%	Act%
45.00	100	100
46.00	33.00	29.37
42.00	1.50	7.20
0.00	0.00	0.00

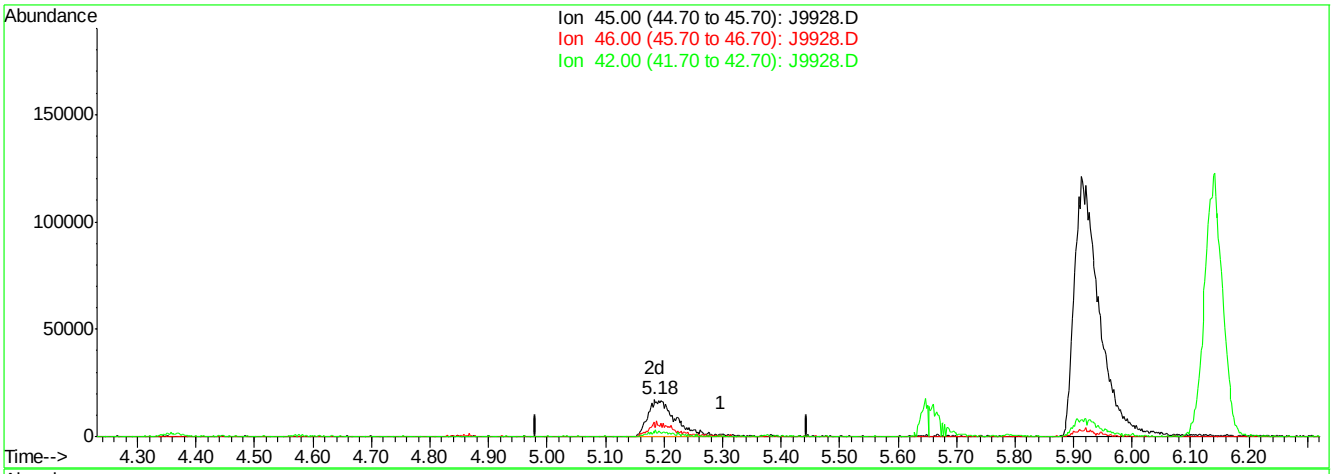
J9928.D J040407T.M Thu Apr 05 13:47:05 2007

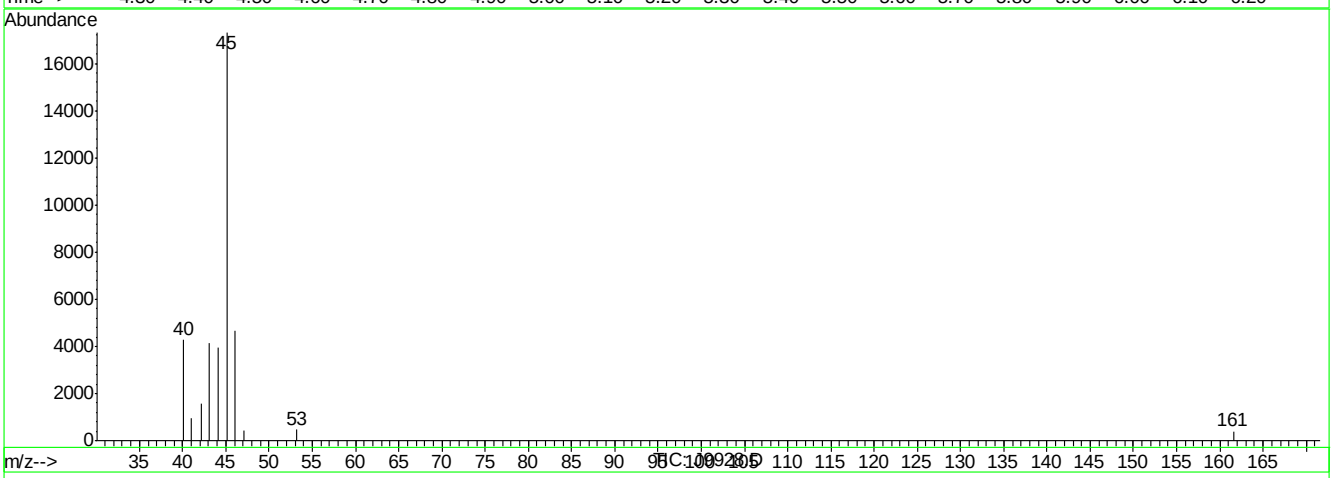
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9928.D Vial: 2
Acq On : 5 Apr 2007 12:13 pm Operator: PhilipB
Sample : IC513-10 (M014) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 13:46:48 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 13:44:07 2007
Response via : Multiple Level Calibration





(16) ETHANOL (m)

5.18min 9.58PPBV m

response 57892

Ion	Exp%	Act%
45.00	100	100
46.00	33.00	0.71#
42.00	1.50	0.17
0.00	0.00	0.00

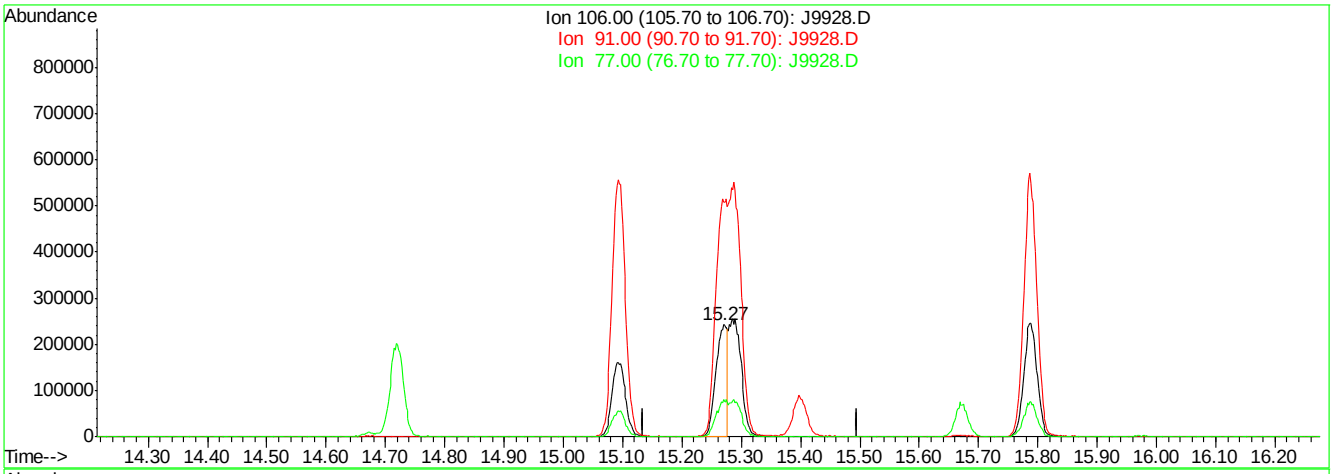
J9928.D J040407T.M Thu Apr 05 13:47:09 2007

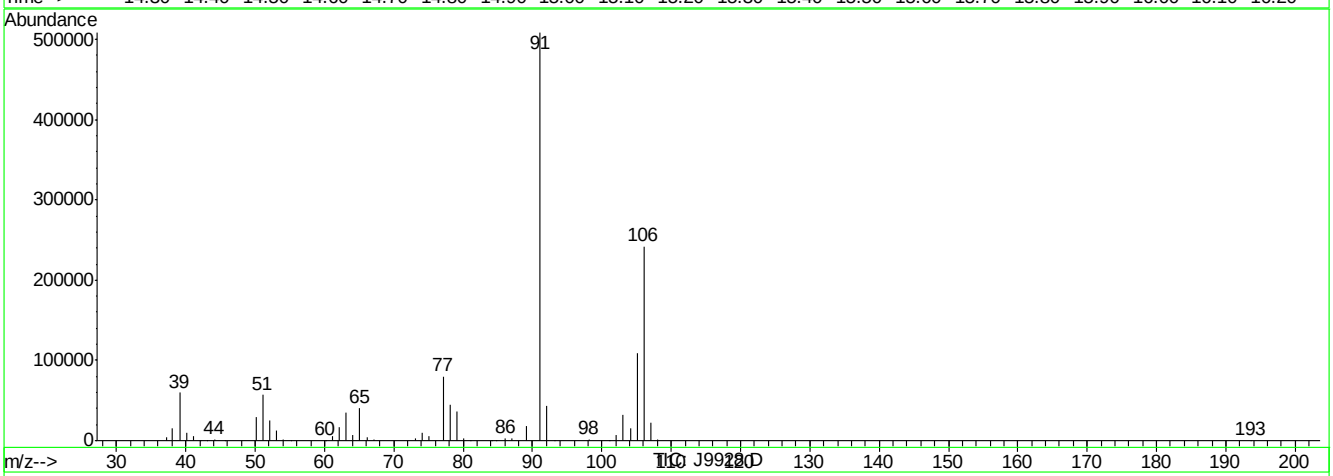
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9928.D Vial: 2
Acq On : 5 Apr 2007 12:13 pm Operator: PhilipB
Sample : IC513-10 (M014) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 13:46:48 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 13:44:07 2007
Response via : Multiple Level Calibration





(56) m,p-XYLENE (m)

15.27min 5.76PPBV

response 321323

Ion	Exp%	Act%
106.00	100	100
91.00	191.80	209.80
77.00	27.10	33.06#
0.00	0.00	0.00

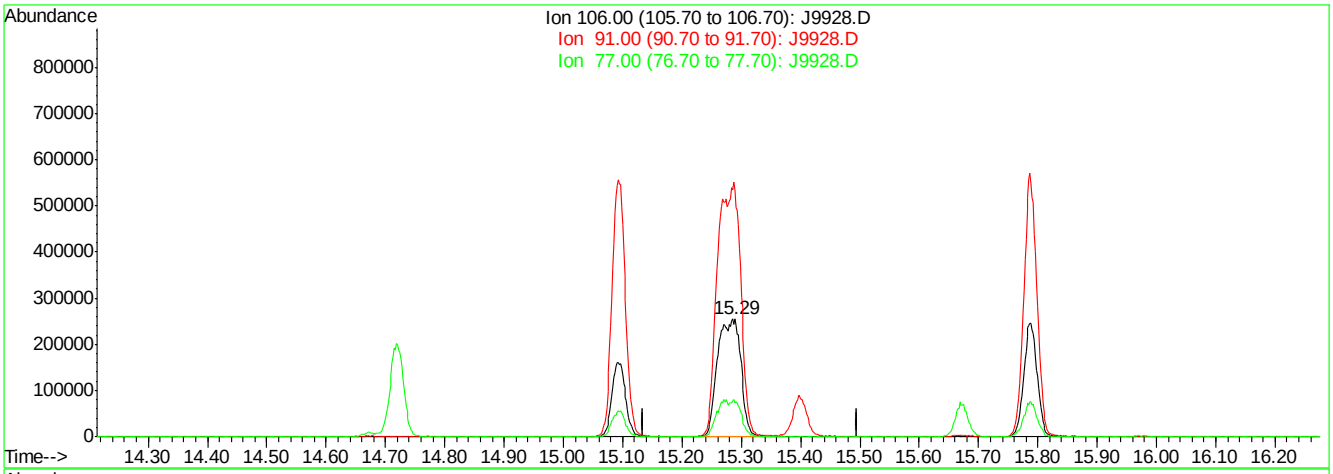
J9928.D J040407T.M Thu Apr 05 13:47:33 2007

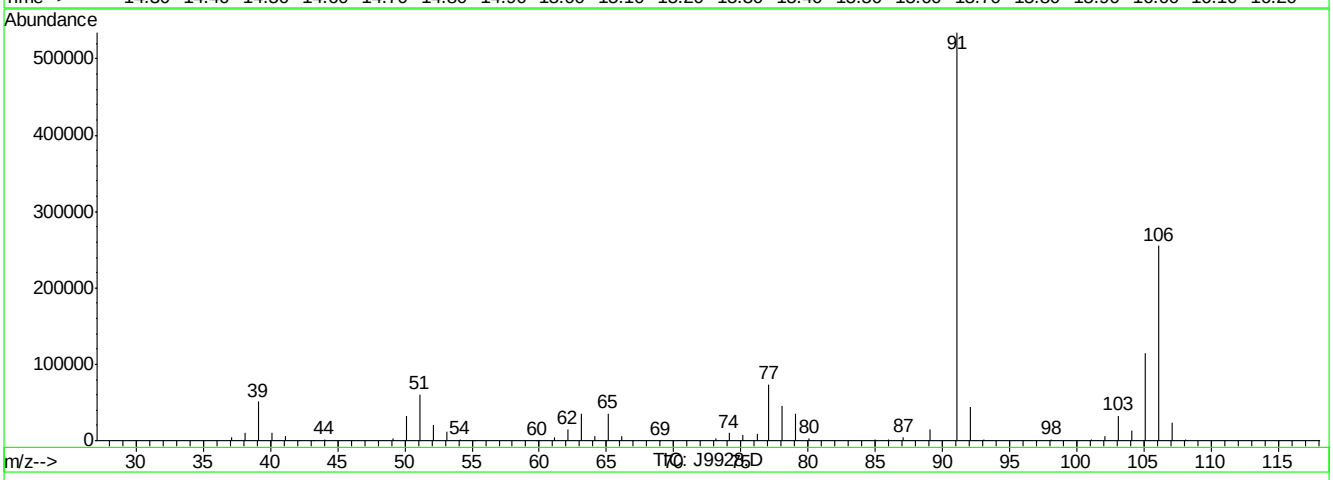
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9928.D Vial: 2
Acq On : 5 Apr 2007 12:13 pm Operator: PhilipB
Sample : IC513-10 (M014) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 13:46:48 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 13:44:07 2007
Response via : Multiple Level Calibration





(56) m,p-XYLENE (m)

15.29min 12.37PPBV m

response 689985

Ion	Exp%	Act%
106.00	100	100
91.00	191.80	209.43
77.00	27.10	28.84
0.00	0.00	0.00

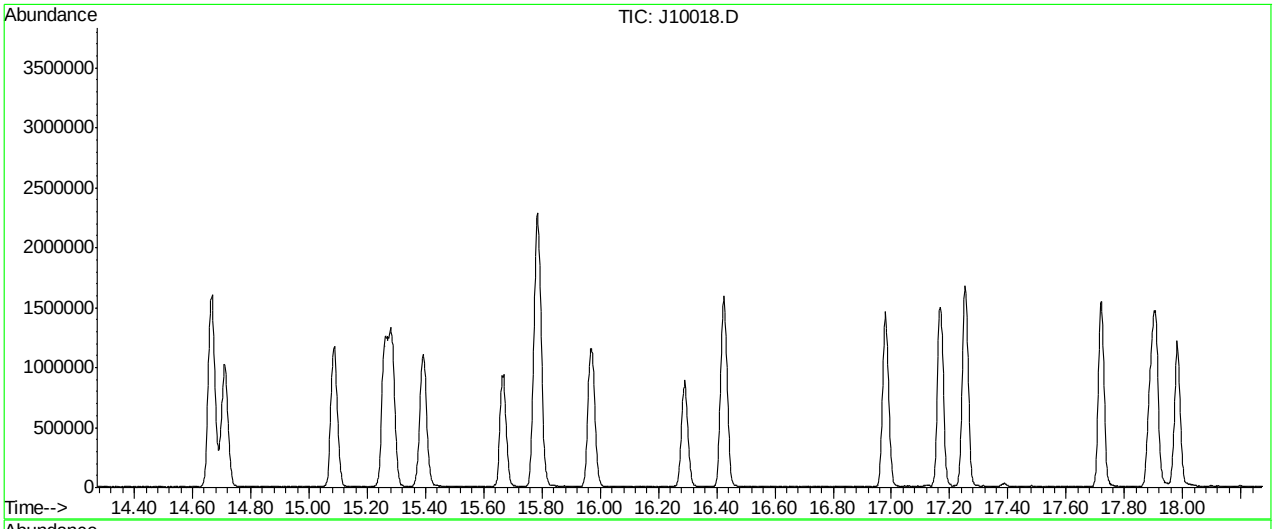
J9928.D J040407T.M Thu Apr 05 13:47:37 2007

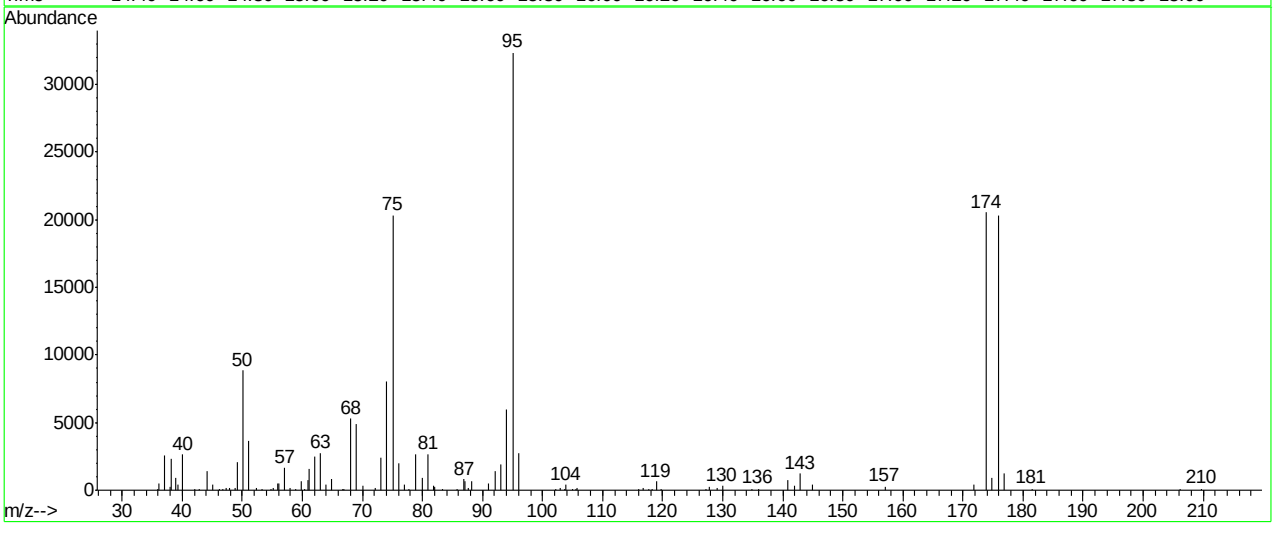
BFB

Data File : C:\MSDCHEM\1\DATA\J10018.D
Acq On : 13 Apr 2007 9:41 am
Sample : CC513-10 (M119)
Misc : MS13373, MSJ518,,,,,1
MS Integration Params: LSCINT.P

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

Method : C:\MSDCHEM\1\METHODS\J040507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.269 to 16.276 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	27.4	8862	PASS
75	95	30	66	62.9	20345	PASS
95	95	100	100	100.0	32368	PASS
96	95	5	9	8.3	2699	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	63.4	20530	PASS
175	174	4	9	4.6	935	PASS
176	174	93	101	98.8	20290	PASS
177	176	5	9	6.2	1248	PASS

J10018.D J040507T.M Fri Apr 13 15:10:43 2007

Average of 16.269 to 16.276 min.: J10018.D
CC513-10 (M119)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.90	126	45.10	419	54.80	125	62.05	2485
36.10	508	46.10	120	55.10	144	63.05	2756
37.10	2558	46.70	94	55.95	471	63.95	403
38.00	232	47.30	143	56.10	503	64.95	866
38.15	2334	47.90	155	57.05	1620	66.80	99
39.00	882	48.80	202	58.00	170	67.00	80
39.20	421	49.10	2038	58.80	81	68.05	5294
40.05	2645	50.10	8862	59.85	693	69.05	4891
42.00	98	51.05	3650	60.40	116	70.15	364
42.90	88	52.30	151	61.00	728	72.10	156
44.05	1411	53.30	108	61.10	1547	73.15	2419

Average of 16.269 to 16.276 min.: J10018.D
CC513-10 (M119)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
74.05	8039	83.30	106	96.05	2699	118.20	93
75.05	20345	85.70	125	102.20	87	118.90	660
76.00	1982	86.90	804	103.00	133	119.70	94
76.90	386	87.10	686	103.60	83	127.20	97
77.80	105	87.70	178	103.90	410	127.85	234
78.95	2624	88.10	632	104.90	110	129.10	185
79.95	915	90.95	500	105.60	111	130.00	319
80.95	2660	92.05	1443	105.80	131	134.80	117
81.80	181	93.05	1870	116.00	127	135.90	95
81.90	334	94.05	5992	116.75	202	140.85	787
82.05	270	95.05	32368	117.70	118	141.95	352

Average of 16.269 to 16.276 min.: J10018.D
CC513-10 (M119)

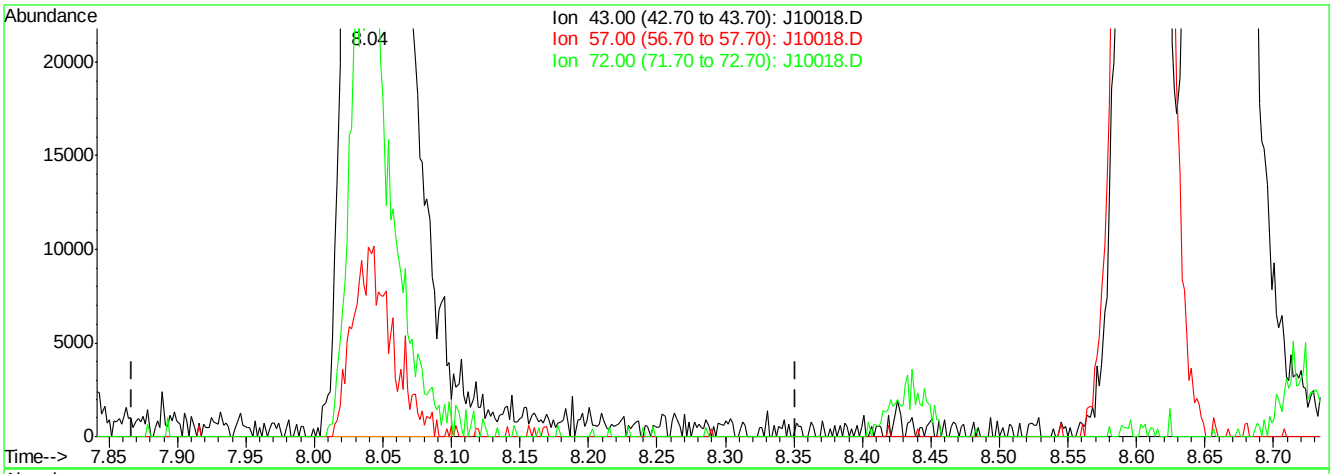
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
142.95	1229						
144.85	386						
157.00	255						
171.85	437						
173.90	20530						
174.90	935						
175.85	20290						
176.85	1248						
181.50	117						
206.10	85						
209.80	91						

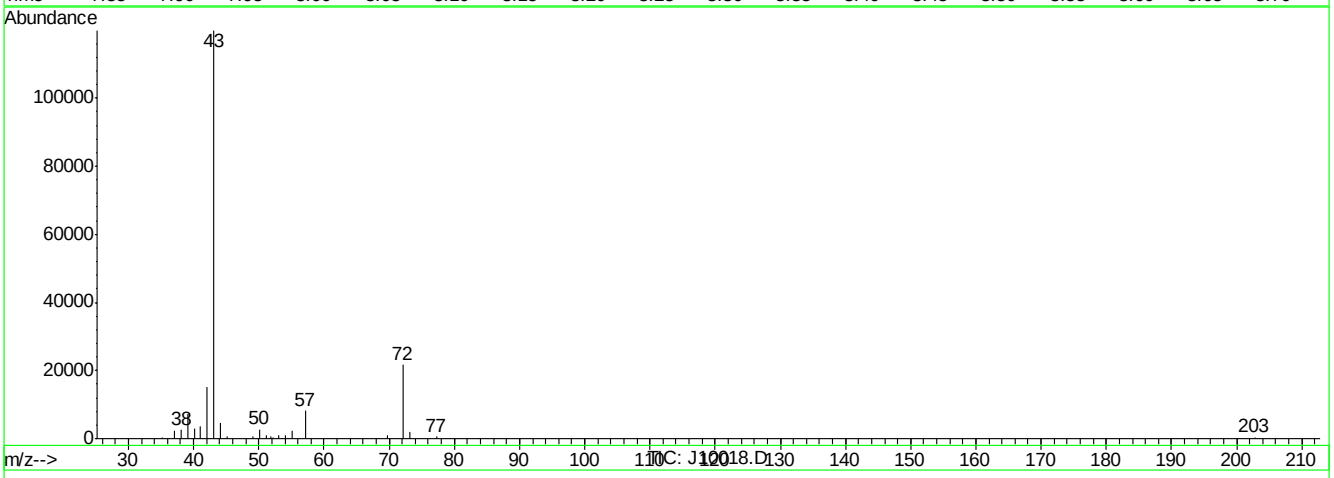
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10018.D Vial: 1
Acq On : 13 Apr 2007 9:41 am Operator: PhilipB
Sample : CC513-10 (M119) Inst : MSJ
Misc : MS13358, MSJ518,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 13 10:52:52 2007 Results File: J040507T.RES

Method : C:\MSDCHEM\1\METHODS\J040507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 17:22:46 2007
Response via : Multiple Level Calibration





(28) METHYL ETHYL KETONE (m)

8.04min 6.85PPBV

response 263344

Ion	Exp%	Act%
43.00	100	100
57.00	7.80	6.76
72.00	25.60	18.09
0.00	0.00	0.00

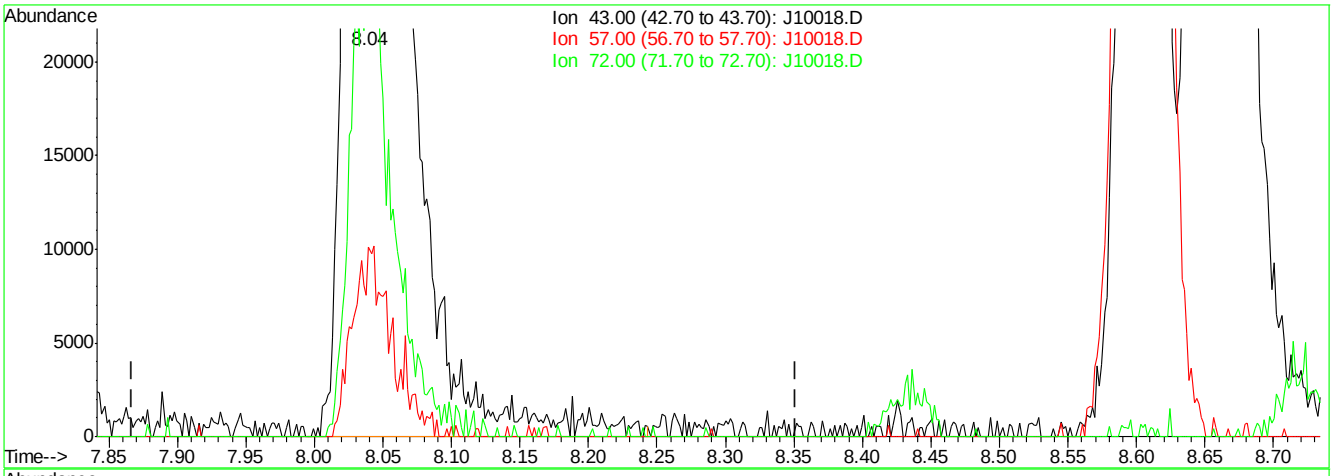
J10018.D J040507T.M Fri Apr 13 10:53:13 2007

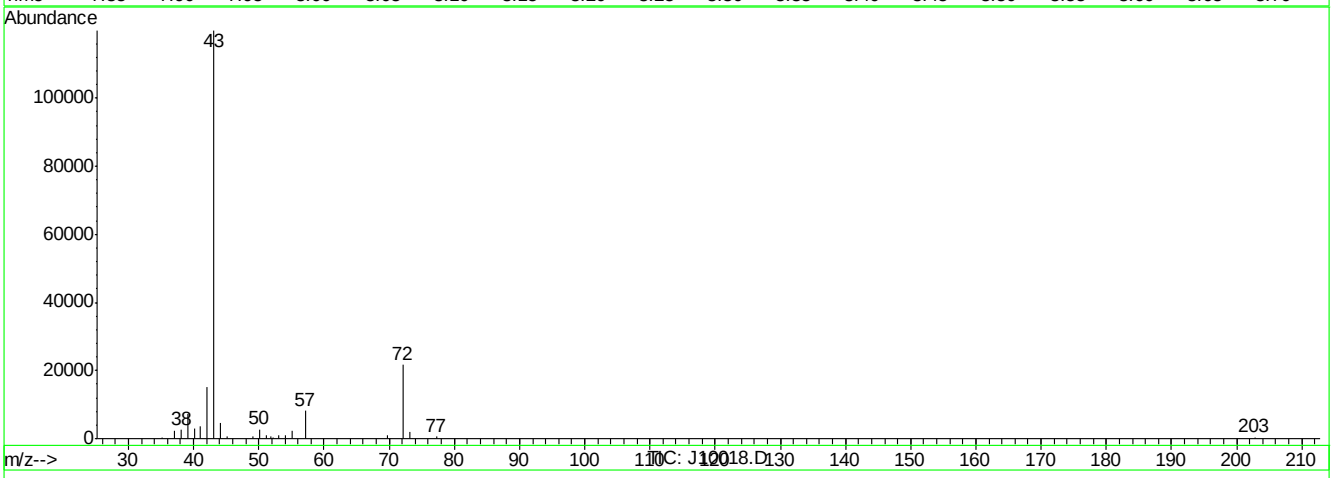
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10018.D Vial: 1
Acq On : 13 Apr 2007 9:41 am Operator: PhilipB
Sample : CC513-10 (M119) Inst : MSJ
Misc : MS13358, MSJ518,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 13 10:52:52 2007 Results File: J040507T.RES

Method : C:\MSDCHEM\1\METHODS\J040507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 17:22:46 2007
Response via : Multiple Level Calibration





(28) METHYL ETHYL KETONE (m)

8.04min 7.11PPBV m

response 273047

Ion	Exp%	Act%
43.00	100	100
57.00	7.80	6.76
72.00	25.60	18.09
0.00	0.00	0.00

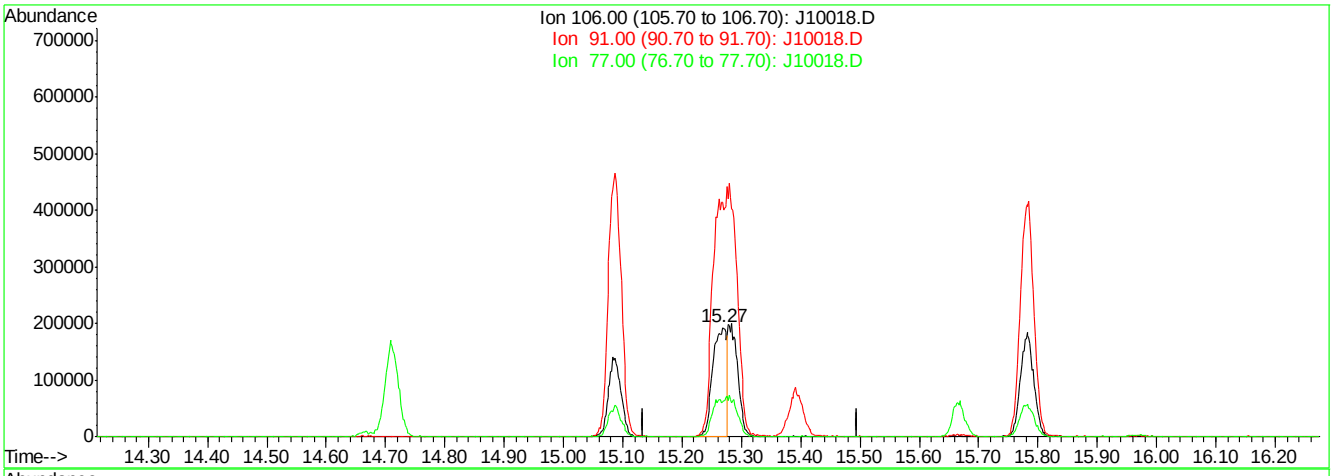
J10018.D J040507T.M Fri Apr 13 10:53:19 2007

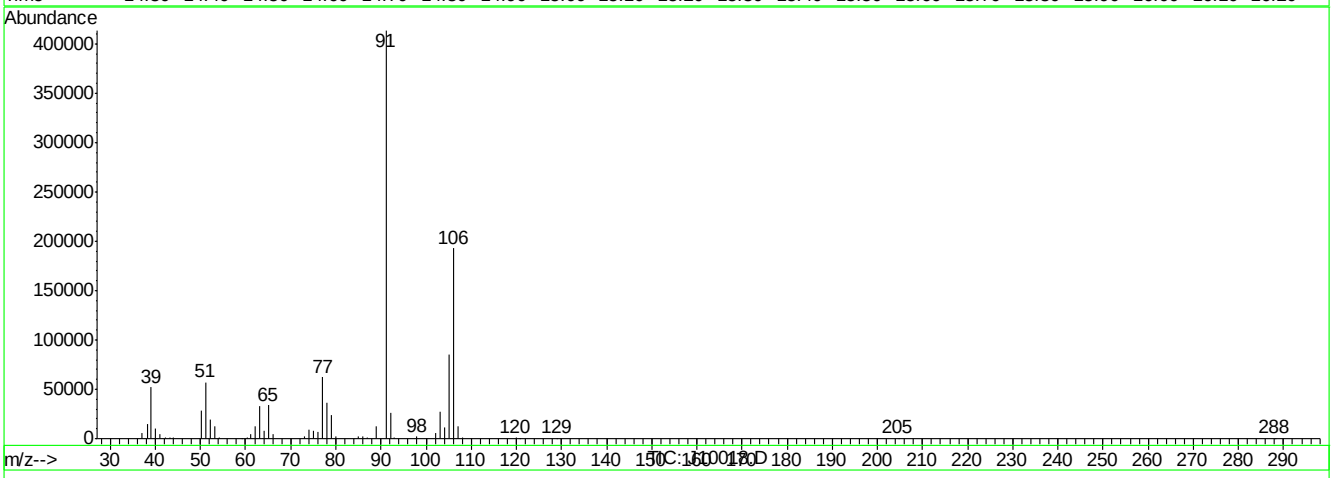
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10018.D Vial: 1
Acq On : 13 Apr 2007 9:41 am Operator: PhilipB
Sample : CC513-10 (M119) Inst : MSJ
Misc : MS13358, MSJ518,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 13 10:52:52 2007 Results File: J040507T.RES

Method : C:\MSDCHEM\1\METHODS\J040507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 17:22:46 2007
Response via : Multiple Level Calibration





(56) m,p-XYLENE (m)

15.27min 12.81PPBV

response 316859

Ion	Exp%	Act%
106.00	100	100
91.00	191.80	214.55
77.00	27.10	32.23
0.00	0.00	0.00

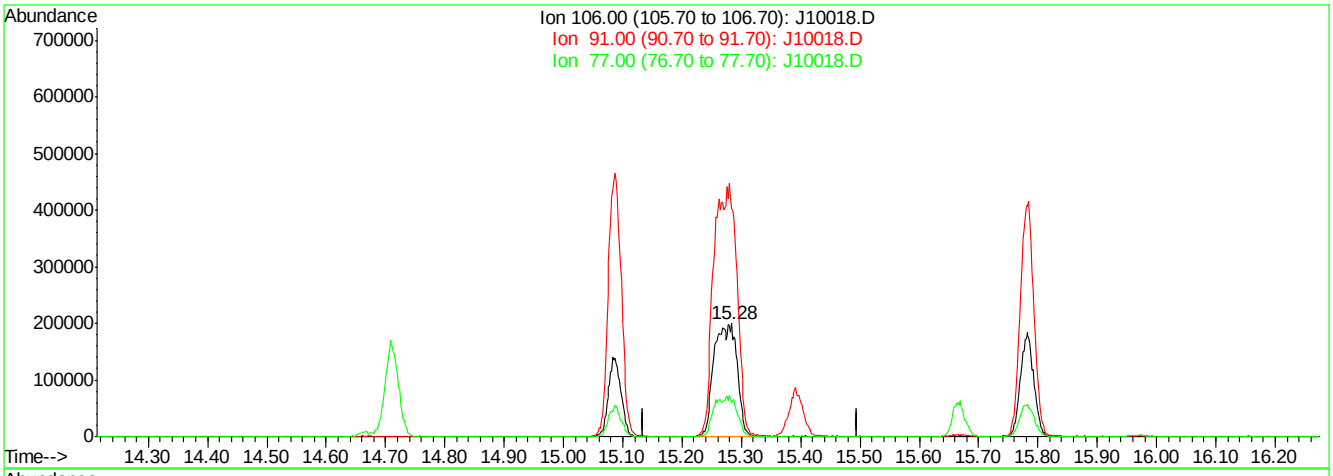
J10018.D J040507T.M Fri Apr 13 10:53:25 2007

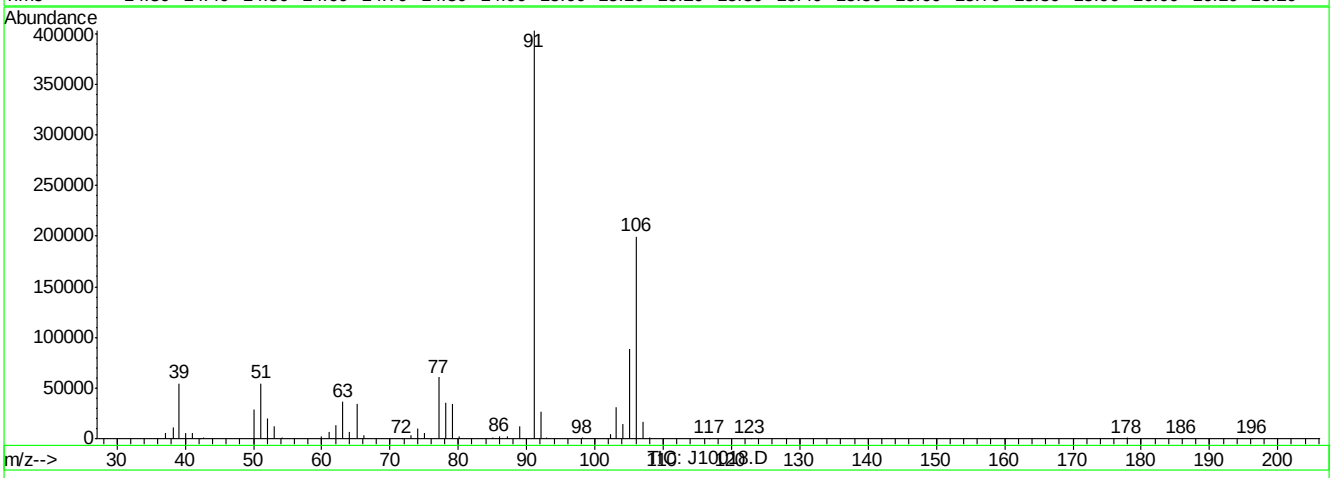
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10018.D Vial: 1
Acq On : 13 Apr 2007 9:41 am Operator: PhilipB
Sample : CC513-10 (M119) Inst : MSJ
Misc : MS13358, MSJ518,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 13 10:52:52 2007 Results File: J040507T.RES

Method : C:\MSDCHEM\1\METHODS\J040507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 17:22:46 2007
Response via : Multiple Level Calibration





(56) m,p-XYLENE (m)

15.28min 19.92PPBV m

response 533233

Ion	Exp%	Act%
106.00	100	100
91.00	191.80	201.92
77.00	27.10	30.28
0.00	0.00	0.00

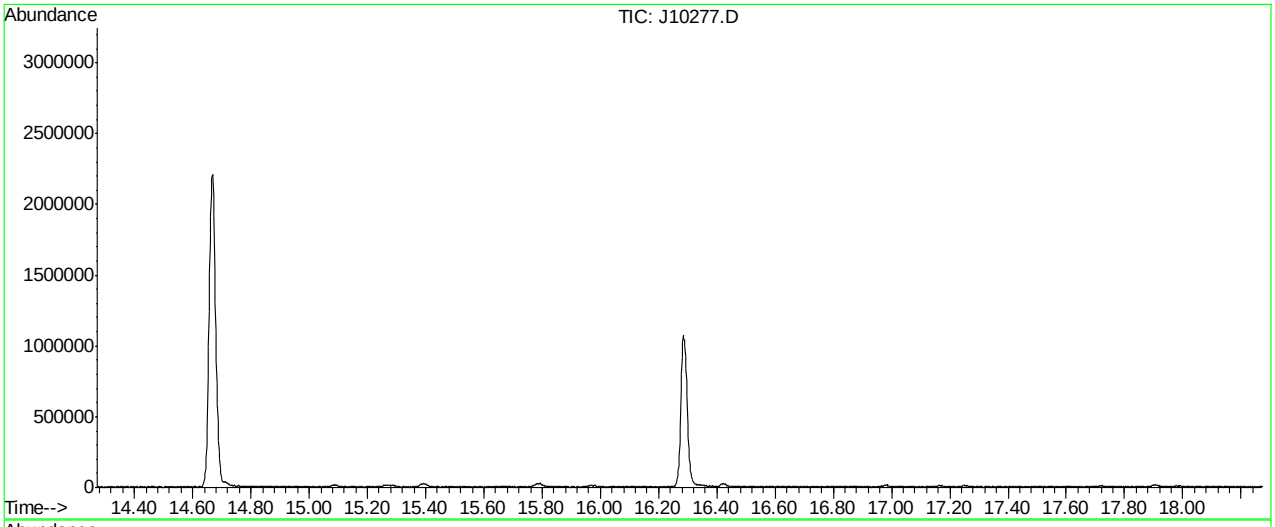
J10018.D J040507T.M Fri Apr 13 10:53:28 2007

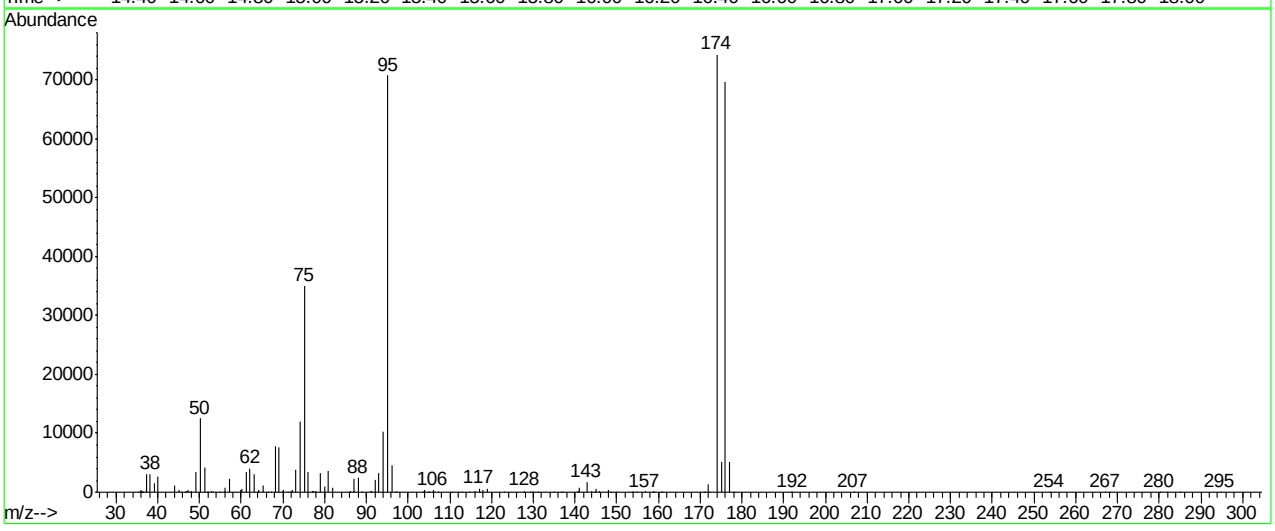
BFB

Data File : C:\MSDChem\1\data\J10277.D
Acq On : 9 May 2007 6:39 pm
Sample : IC533-0.2 (M058)
Misc : MS13434, MSJ533,,,,,1
MS Integration Params: LSCINT.P

Vial: 2
Operator: danat
Inst : MSJ
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.263 to 16.281 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	17.7	12561	PASS
75	95	30	66	49.5	35015	PASS
95	95	100	100	100.0	70793	PASS
96	95	5	9	6.6	4662	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	105.0	74325	PASS
175	174	4	9	6.9	5105	PASS
176	174	93	101	93.8	69706	PASS
177	176	5	9	7.3	5111	PASS

J10277.D J050907T.M Thu May 10 12:01:54 2007

Average of 16.263 to 16.281 min.: J10277.D
IC533-0.2 (M058)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.50	59	40.05	2707	50.15	12561	60.15	636
35.90	54	44.05	1187	51.15	4218	61.15	3432
36.00	73	45.20	443	51.90	42	62.10	4086
36.10	359	45.70	51	52.15	88	63.15	3087
36.20	106	46.40	41	52.85	131	64.05	186
36.30	86	46.80	38	53.20	55	64.25	367
36.50	76	46.95	237	54.90	37	65.15	1110
37.10	86	47.25	436	55.80	47	66.20	45
37.25	2989	47.80	83	56.10	787	67.10	37
38.15	3048	48.15	249	57.10	2251	68.10	7805
39.15	1478	49.15	3504	59.95	433	69.05	7535

Average of 16.263 to 16.281 min.: J10277.D
IC533-0.2 (M058)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
69.80	50	77.35	108	88.90	51	103.70	64
70.00	148	77.90	197	90.95	220	104.05	294
70.15	313	79.00	3245	91.20	107	104.80	44
71.10	52	80.10	925	92.05	2174	105.10	41
71.85	140	80.95	3533	93.05	3251	105.70	87
72.15	355	82.00	848	94.10	10204	106.00	297
73.10	3854	86.00	61	95.10	70793	107.20	43
74.15	11943	86.15	152	96.05	4662	110.30	67
75.10	35015	86.90	283	96.90	41	111.90	50
76.10	3357	87.05	2199	97.20	90	112.90	44
77.00	239	88.05	2442	103.30	48	114.80	80

Average of 16.263 to 16.281 min.: J10277.D
IC533-0.2 (M058)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
116.05	235	134.80	65	148.60	48	170.80	44
117.00	621	136.60	39	149.80	47	171.05	92
117.20	101	137.00	54	153.60	57	171.95	1392
117.90	296	140.75	197	153.90	55	172.30	103
118.95	524	140.95	721	154.80	84	174.00	74325
122.90	38	142.90	1780	156.85	159	175.05	5105
127.90	193	143.90	110	158.75	119	176.00	69706
129.20	45	144.90	88	159.00	36	176.95	5111
129.80	54	145.05	610	160.70	44	178.00	75
130.00	67	145.90	130	160.90	76	191.70	38
131.00	46	147.95	326	170.10	40	192.10	60

Average of 16.263 to 16.281 min.: J10277.D
IC533-0.2 (M058)

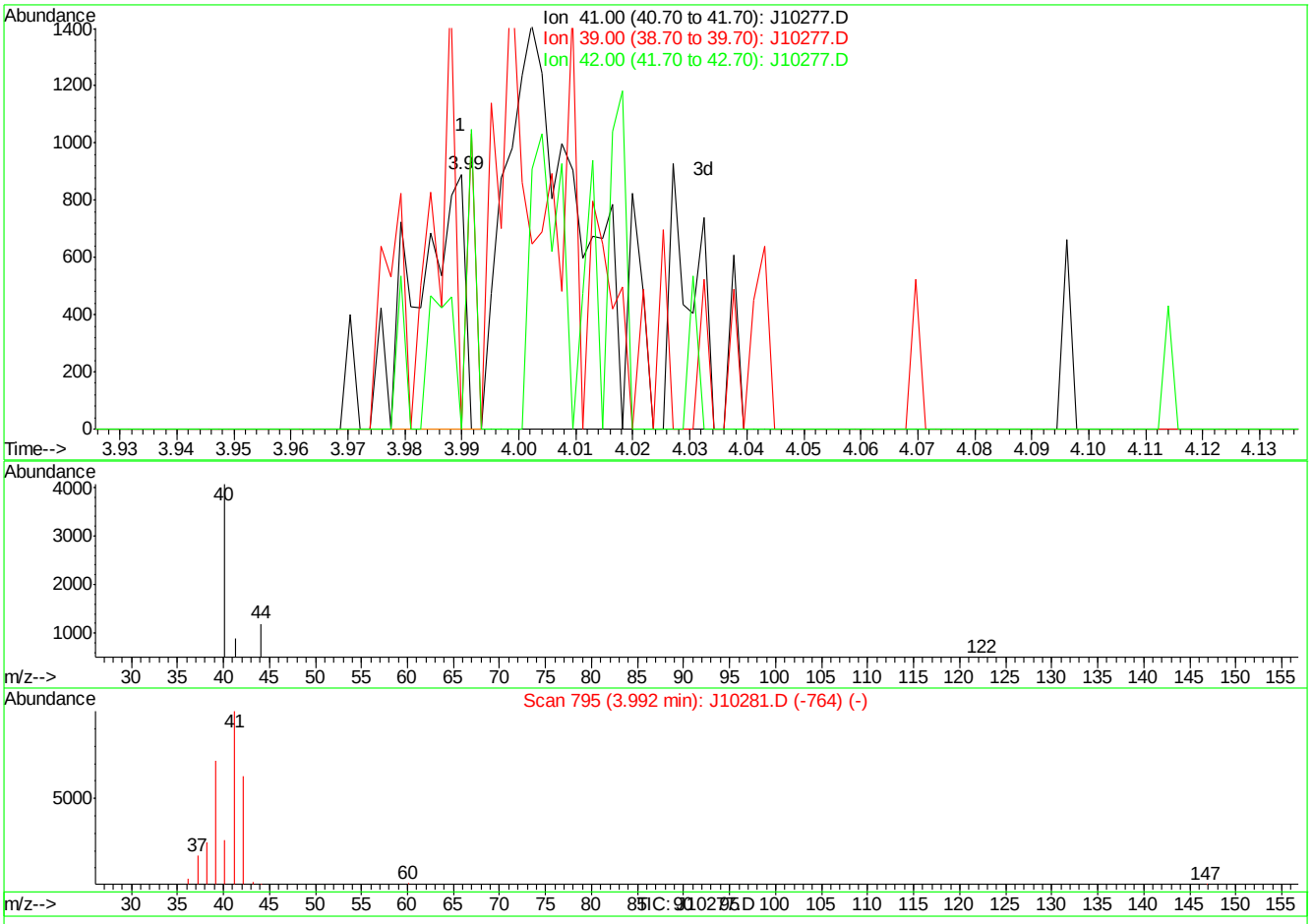
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
206.85	95						
253.80	41						
267.05	91						
268.10	52						
280.20	38						
281.80	38						
284.90	37						
294.70	36						

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration



(3) PROPYLENE (m)

3.99min 0.04PPBV

response 567

Ion	Exp%	Act%
41.00	100	100
39.00	71.40	0.00#
42.00	62.70	0.00#
0.00	0.00	0.00

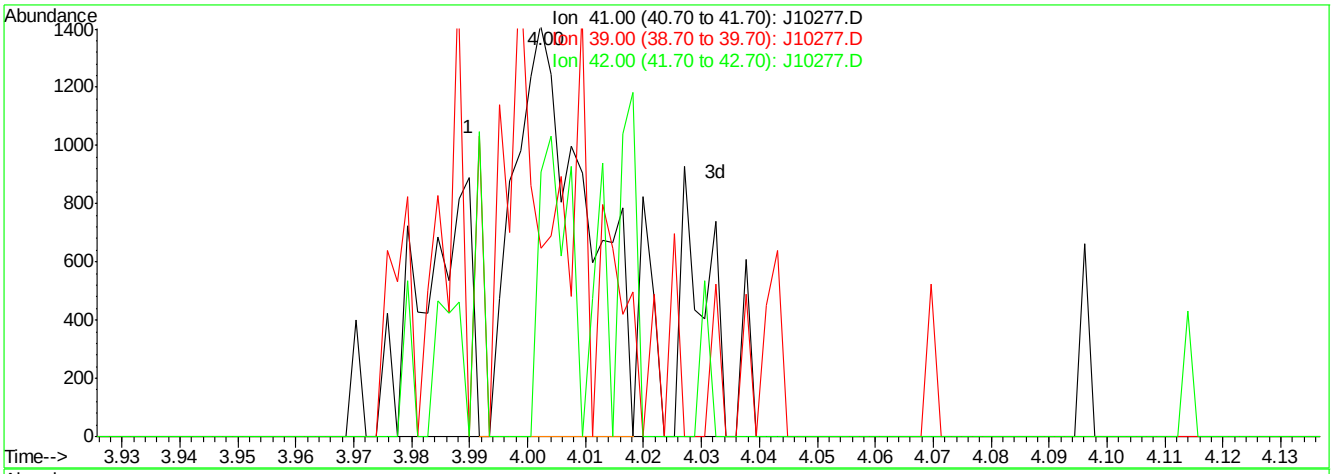
J10277.D J050907T.M Thu May 10 08:35:35 2007

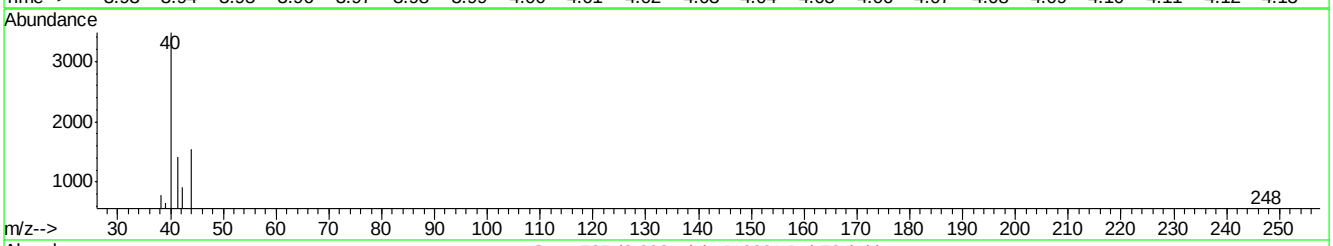
Quantitation Report (Qedit)

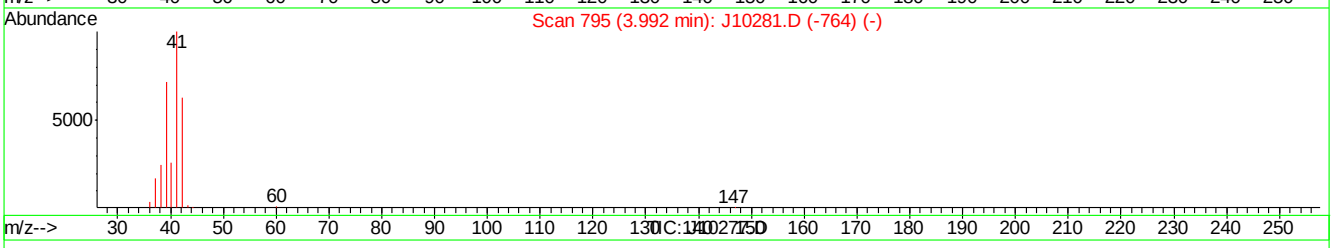
Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration







(3) PROPYLENE (m)

4.00min 0.09PPBV m

response 1240

Ion	Exp%	Act%
41.00	100	100
39.00	71.40	45.77#
42.00	62.70	64.25
0.00	0.00	0.00

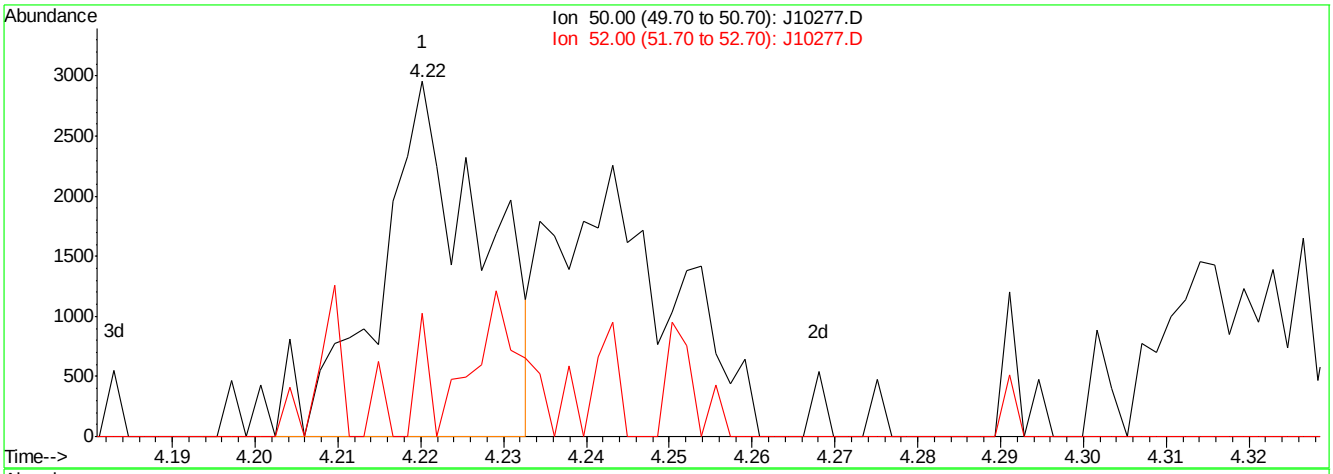
J10277.D J050907T.M Thu May 10 08:35:44 2007

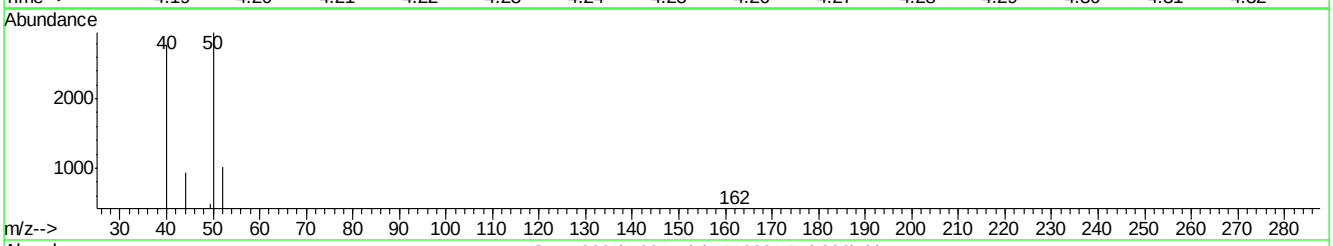
Quantitation Report (Qedit)

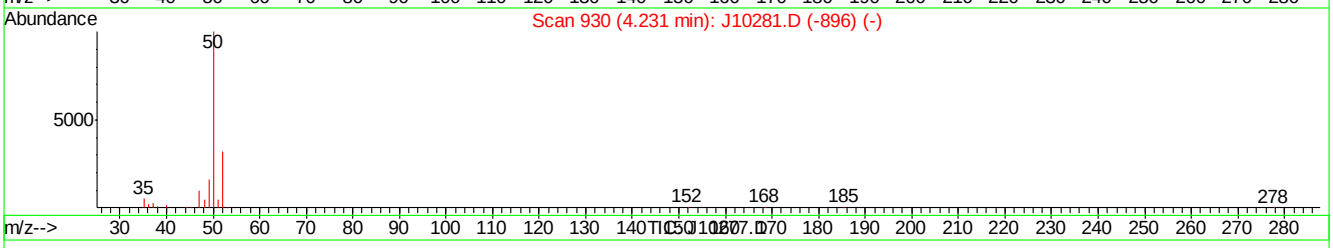
Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration







(5) CHLOROMETHANE (m)

4.22min 0.12PPBV

response 2652

Ion	Exp%	Act%
50.00	100	100
52.00	32.60	29.05
0.00	0.00	0.00
0.00	0.00	0.00

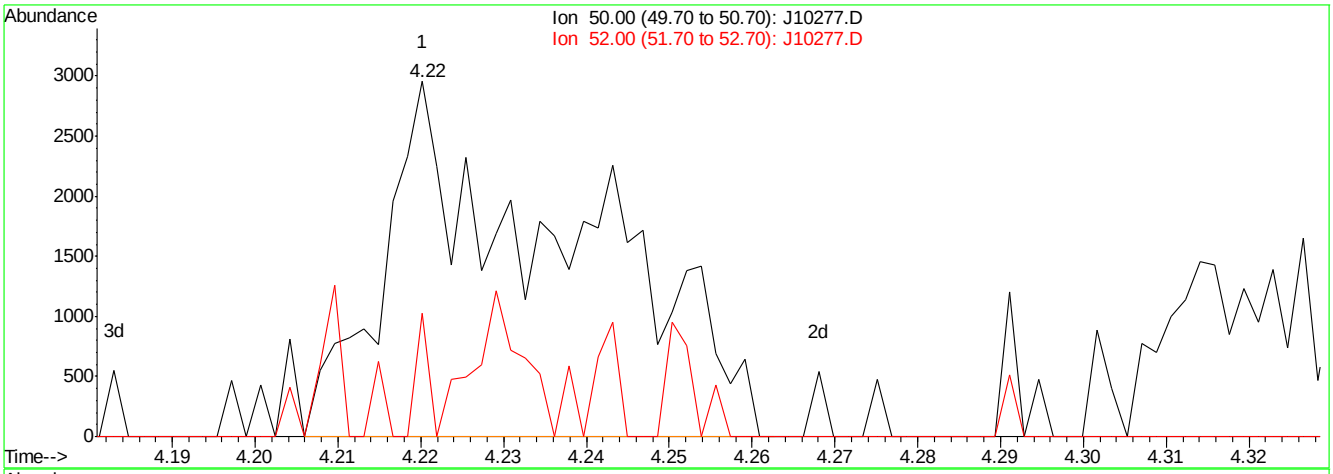
J10277.D J050907T.M Thu May 10 08:35:58 2007

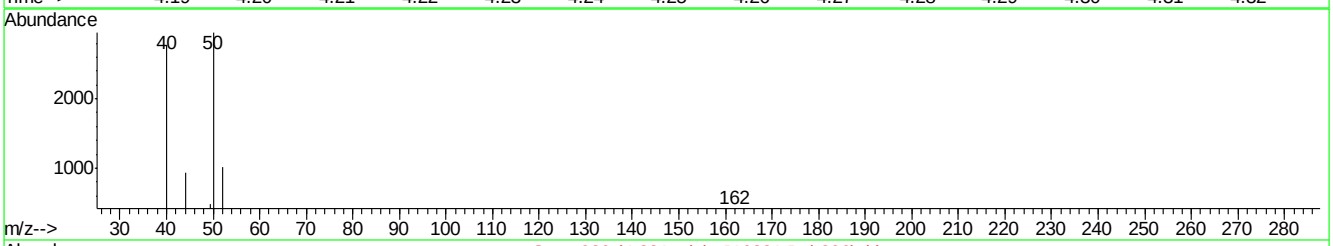
Quantitation Report (Qedit)

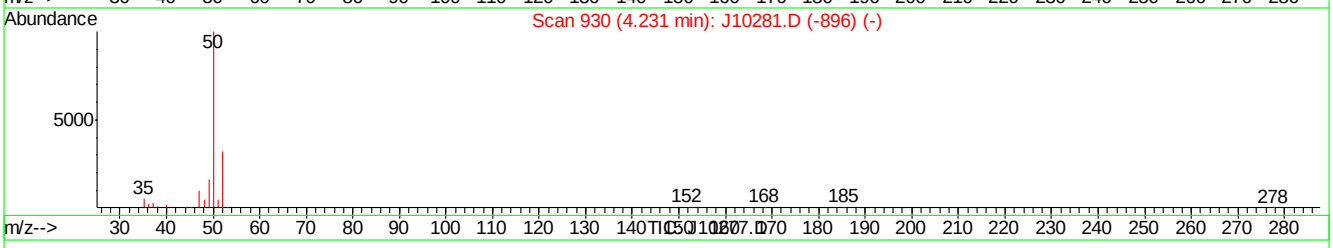
Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration







(5) CHLOROMETHANE (m)

4.22min 0.21PPBV m

response 4633

Ion	Exp%	Act%
50.00	100	100
52.00	32.60	34.59
0.00	0.00	0.00
0.00	0.00	0.00

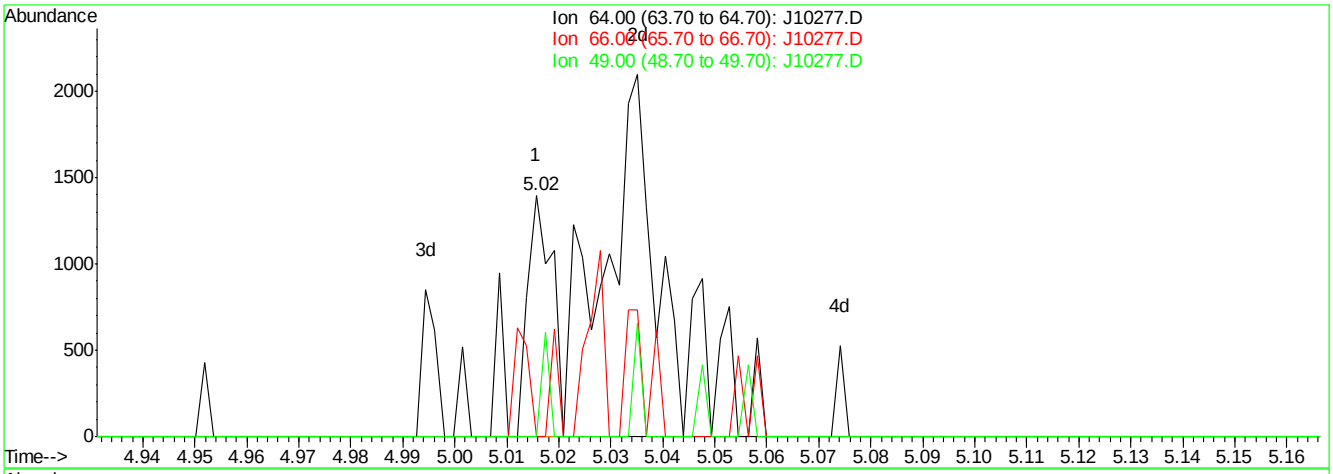
J10277.D J050907T.M Thu May 10 08:36:03 2007

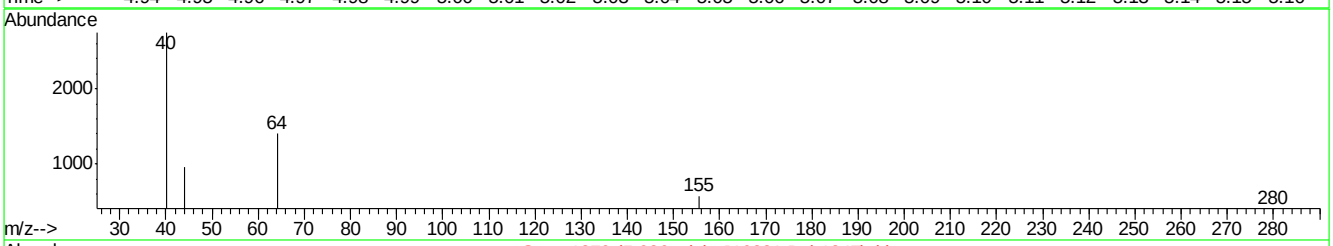
Quantitation Report (Qedit)

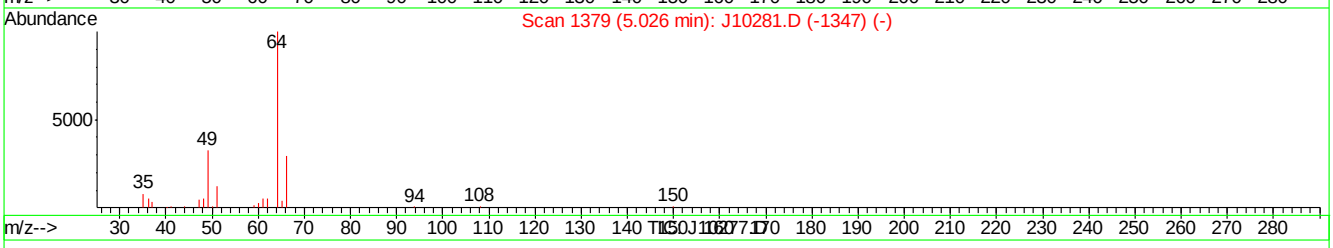
Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration







(9) CHLOROETHANE (m)

5.02min 0.05PPBV

response 557

Ion	Exp%	Act%
64.00	100	100
66.00	33.10	22.08
49.00	30.20	11.49
0.00	0.00	0.00

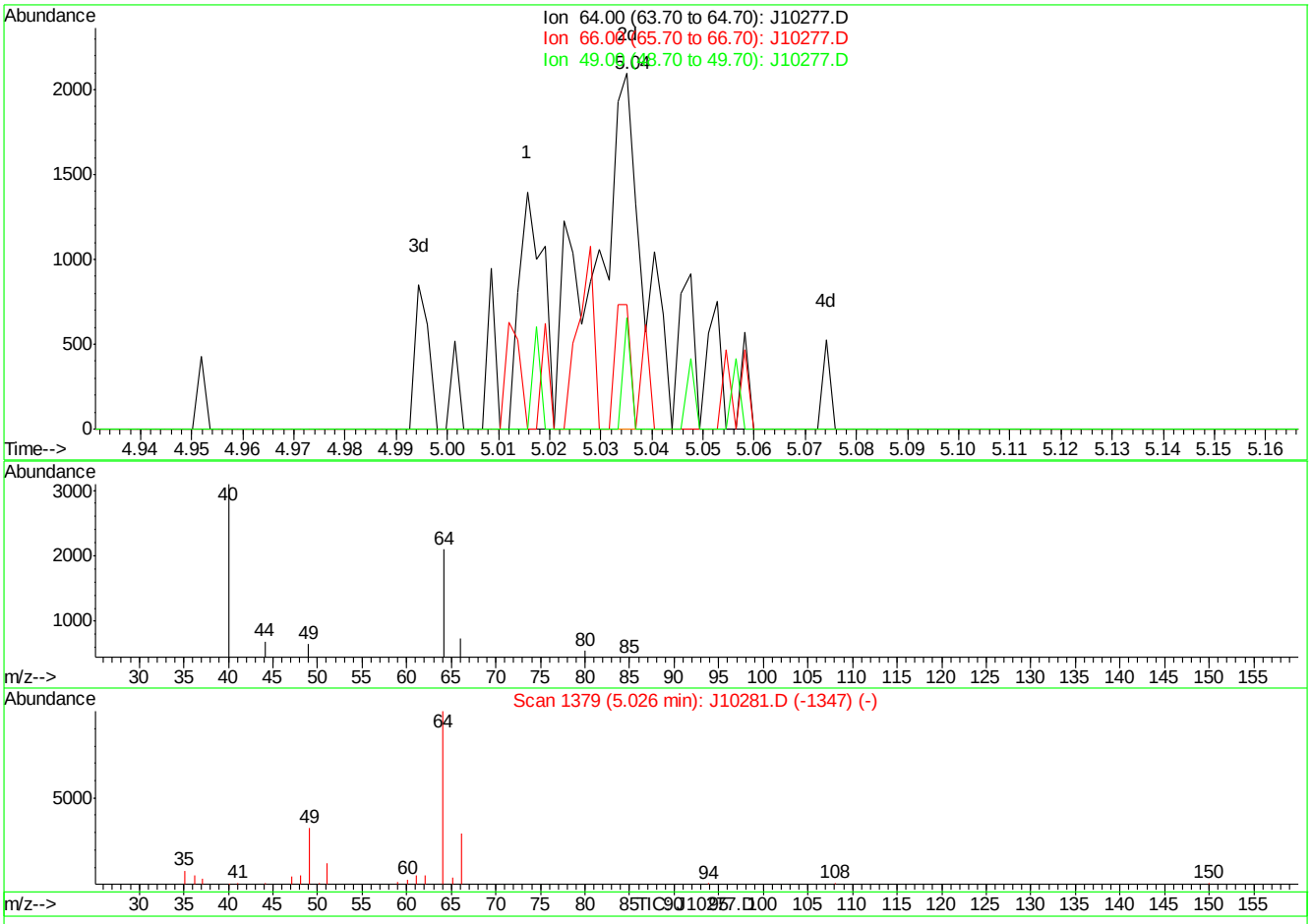
J10277.D J050907T.M Thu May 10 08:36:16 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration



(9) CHLOROETHANE (m)

5.04min 0.12PPBV m

response 1417

Ion	Exp%	Act%
64.00	100	100
66.00	33.10	8.68#
49.00	30.20	4.52#
0.00	0.00	0.00

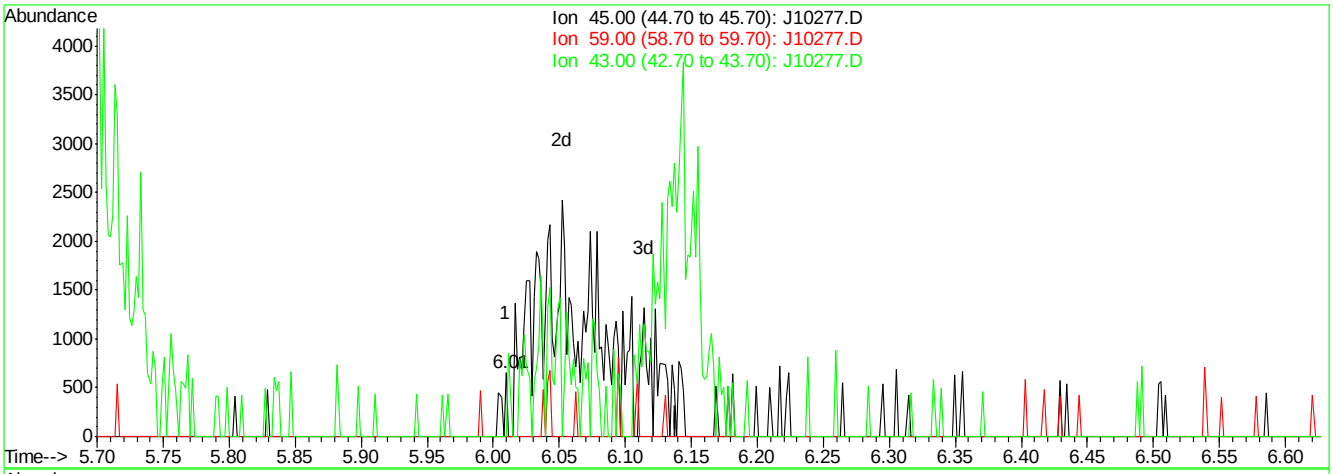
J10277.D J050907T.M Thu May 10 08:36:22 2007

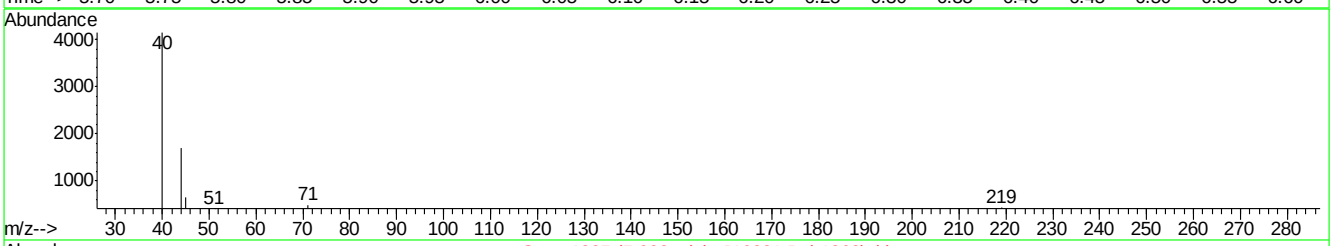
Quantitation Report (Qedit)

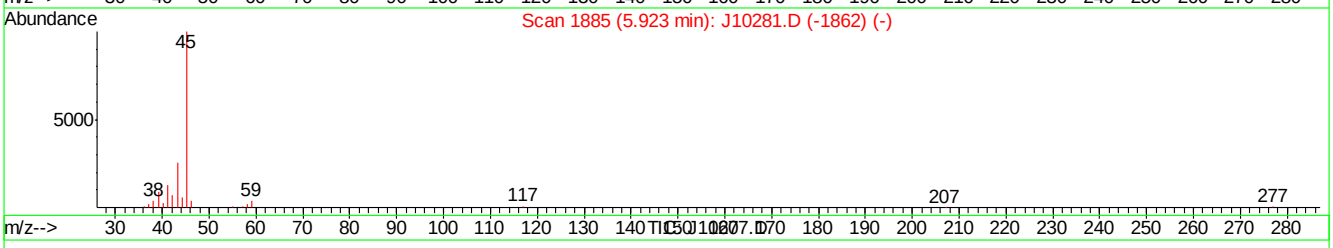
Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.01min 0.01PPBV

response 160

Ion	Exp%	Act%
45.00	100	100
59.00	3.80	0.00
43.00	25.40	0.00#
0.00	0.00	0.00

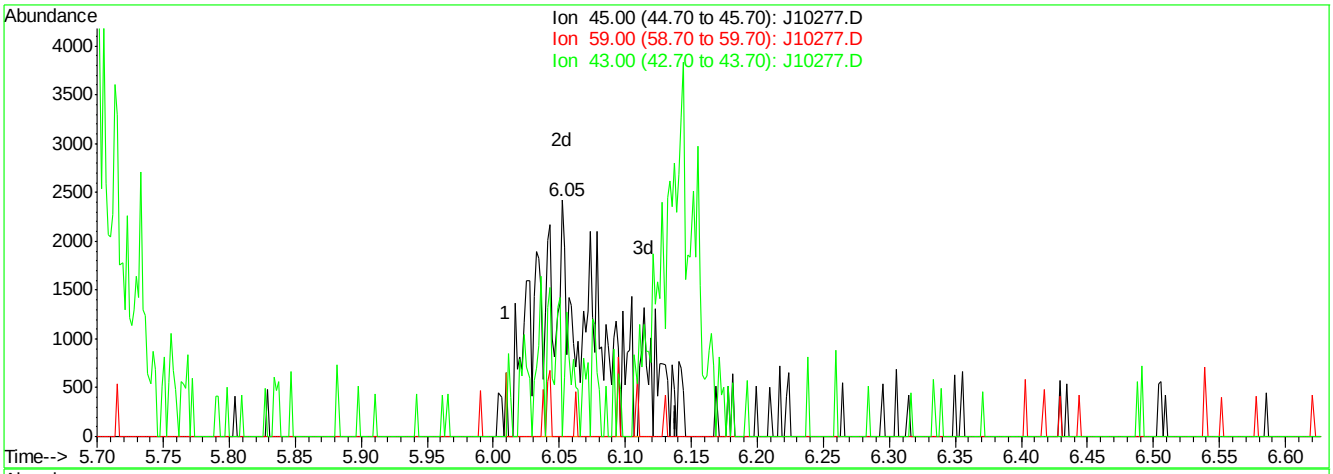
J10277.D J050907T.M Thu May 10 08:36:30 2007

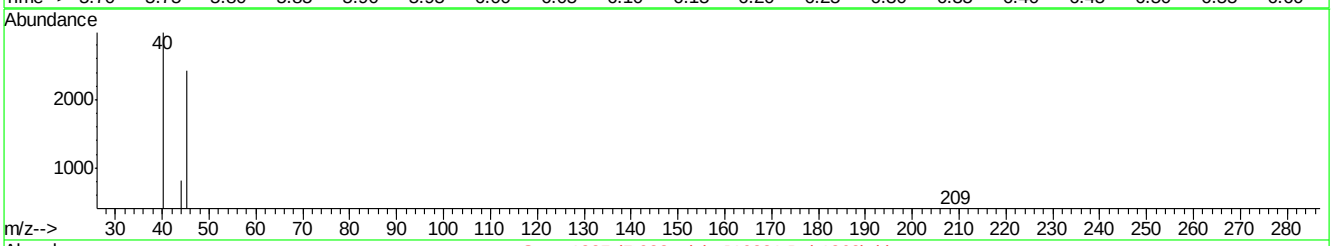
Quantitation Report (Qedit)

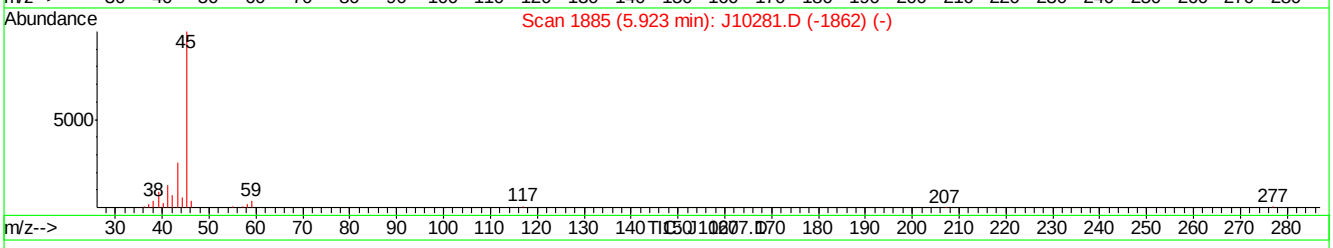
Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.05min 0.28PPBV m

response 6895

Ion	Exp%	Act%
45.00	100	100
59.00	3.80	0.00
43.00	25.40	0.00#
0.00	0.00	0.00

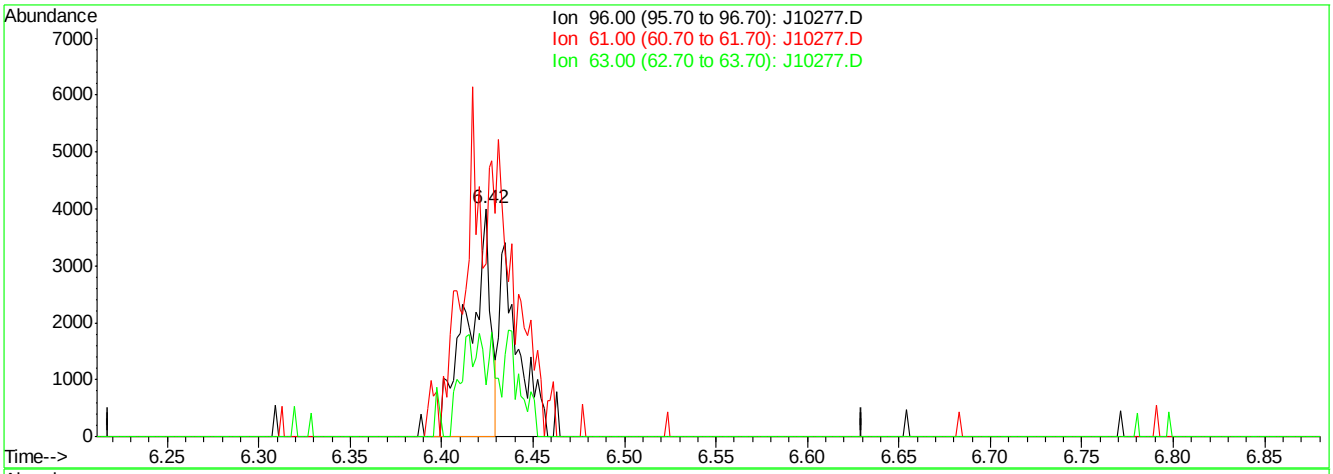
J10277.D J050907T.M Thu May 10 08:36:36 2007

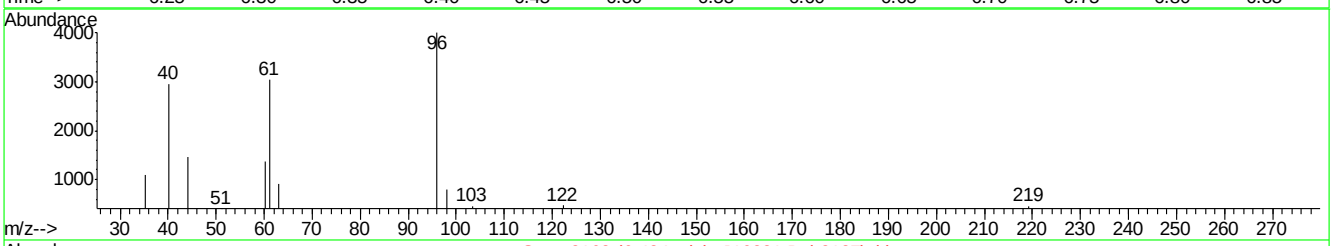
Quantitation Report (Qedit)

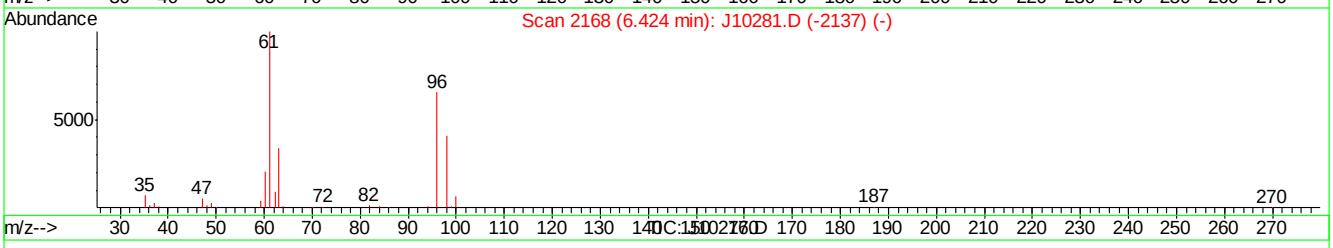
Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration







(14) 1,1-DICHLOROETHYLENE (m)

6.42min 0.11PPBV

response 3441

Ion	Exp%	Act%
96.00	100	100
61.00	157.70	284.42#
63.00	52.40	62.05
0.00	0.00	0.00

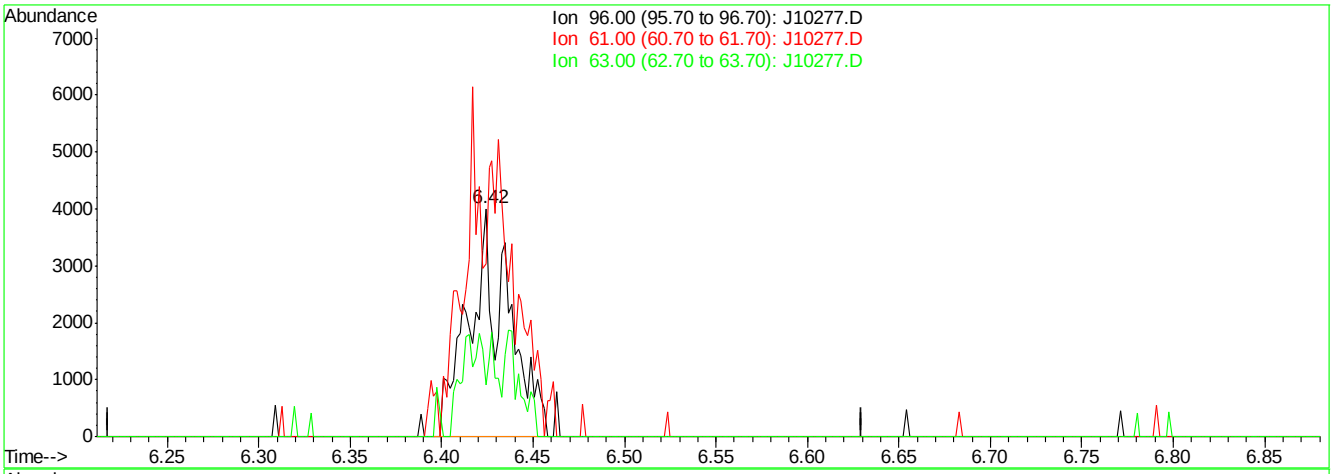
J10277.D J050907T.M Thu May 10 08:36:49 2007

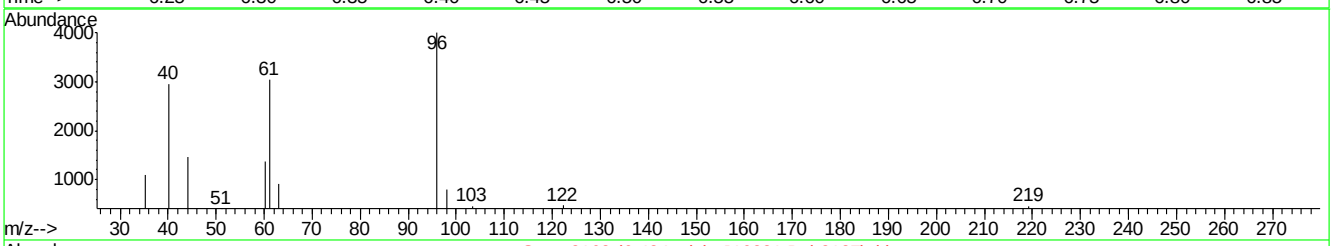
Quantitation Report (Qedit)

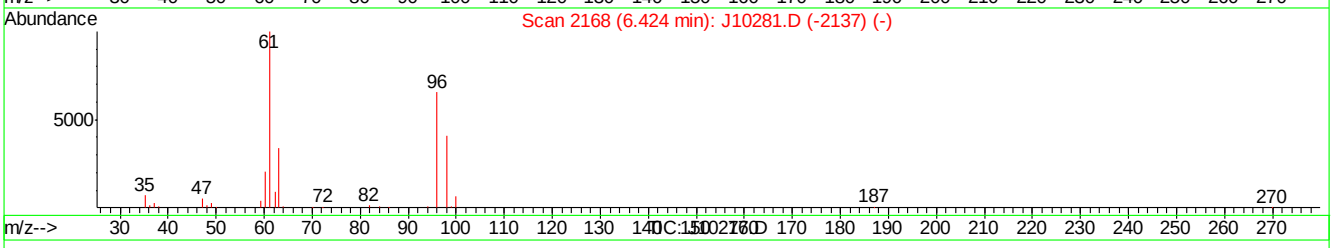
Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration







(14) 1,1-DICHLOROETHYLENE (m)

6.42min 0.19PPBV m

response 5906

Ion	Exp%	Act%
96.00	100	100
61.00	157.70	165.71
63.00	52.40	36.15
0.00	0.00	0.00

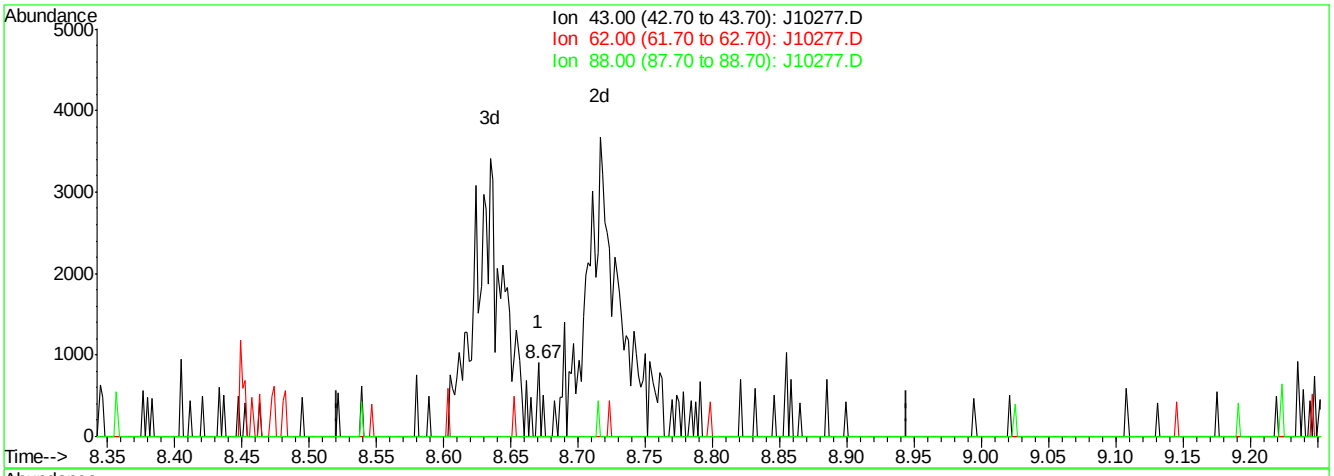
J10277.D J050907T.M Thu May 10 08:36:54 2007

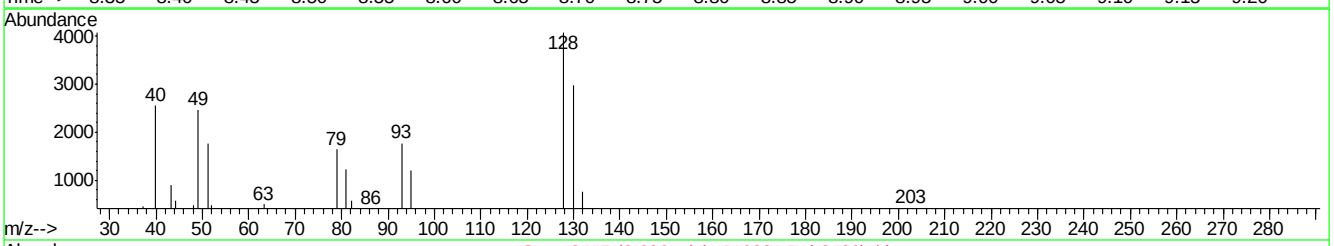
Quantitation Report (Qedit)

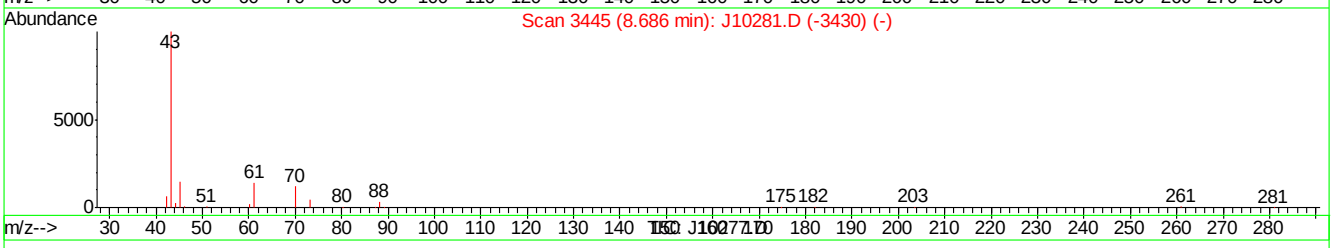
Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration







(30) ETHYL ACETATE (m)

8.67min 0.00PPBV

response 151

Ion	Exp%	Act%
43.00	100	100
62.00	0.30	34.44#
88.00	4.70	0.00
0.00	0.00	0.00

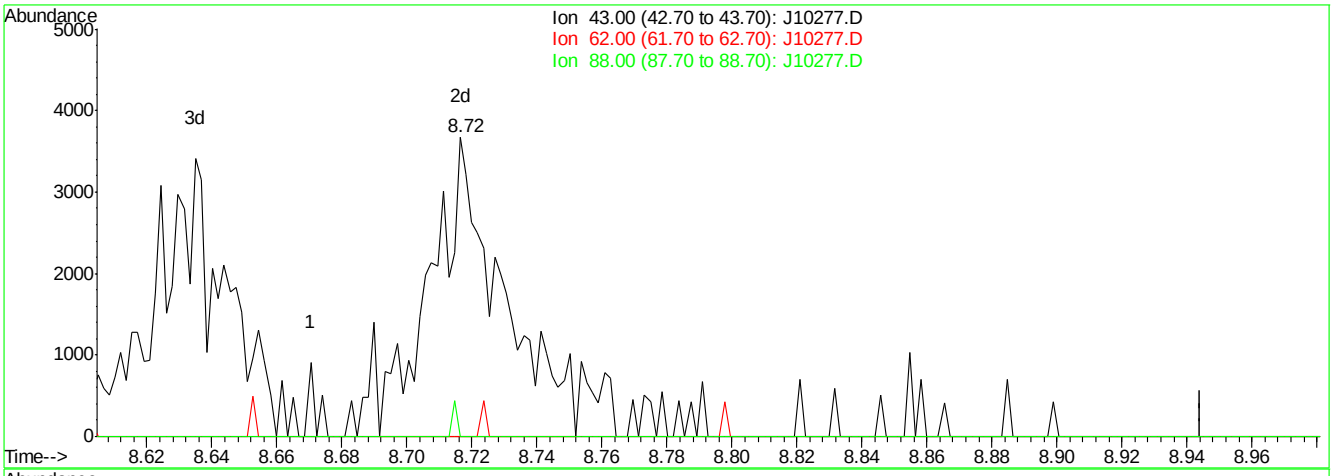
J10277.D J050907T.M Thu May 10 08:37:49 2007

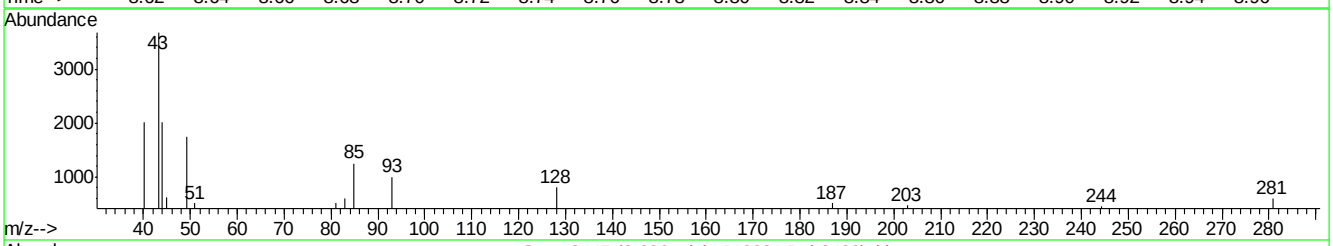
Quantitation Report (Qedit)

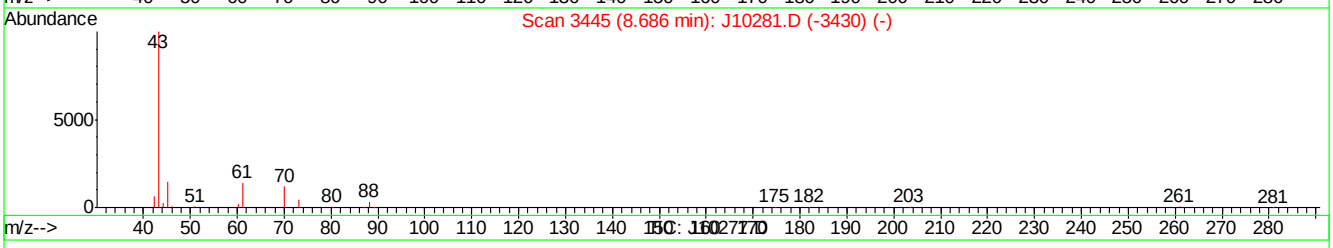
Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration







(30) ETHYL ACETATE (m)

8.72min 0.16PPBV m

response 5570

Ion	Exp%	Act%
43.00	100	100
62.00	0.30	0.93
88.00	4.70	0.00
0.00	0.00	0.00

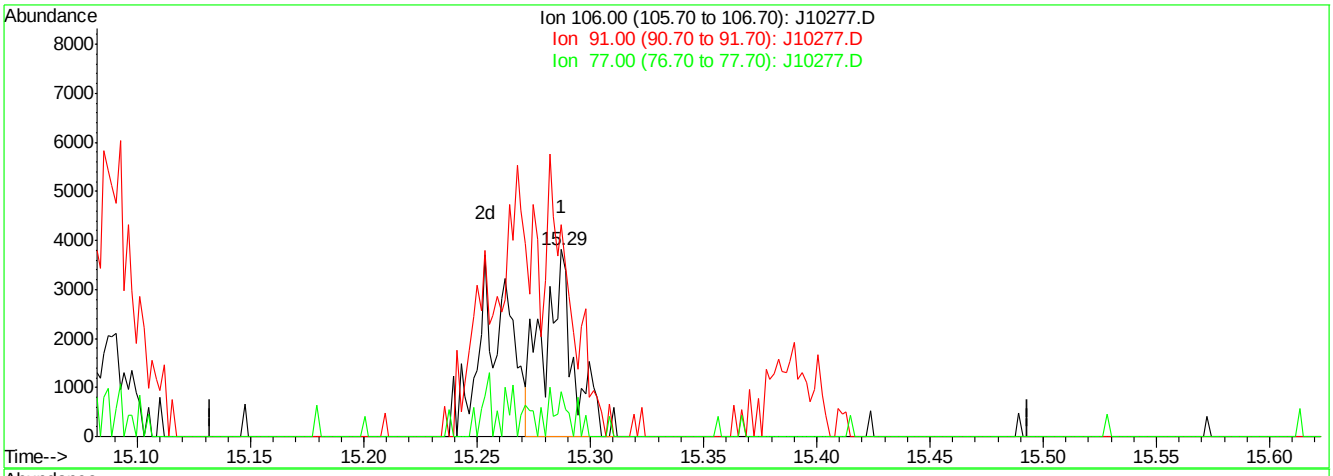
J10277.D J050907T.M Thu May 10 08:38:02 2007

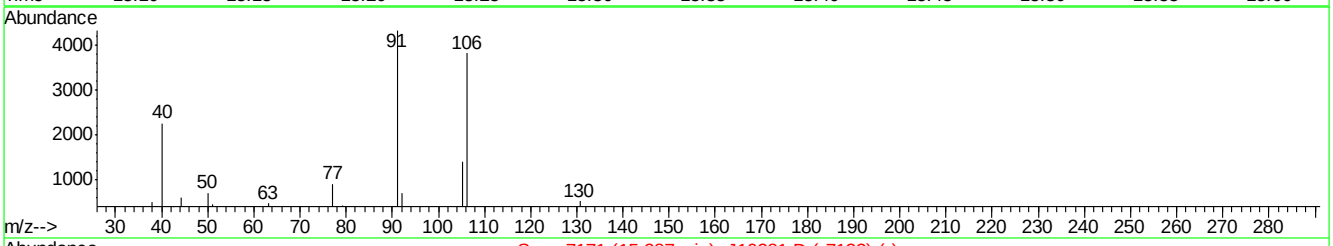
Quantitation Report (Qedit)

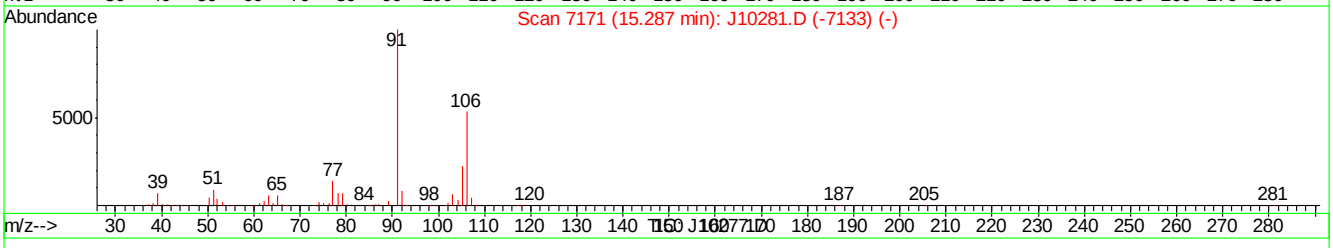
Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration







(56) m,p-XYLENE (m)

15.29min 0.10PPBV

response 3552

Ion	Exp%	Act%
106.00	100	100
91.00	187.40	113.31#
77.00	26.20	23.79
0.00	0.00	0.00

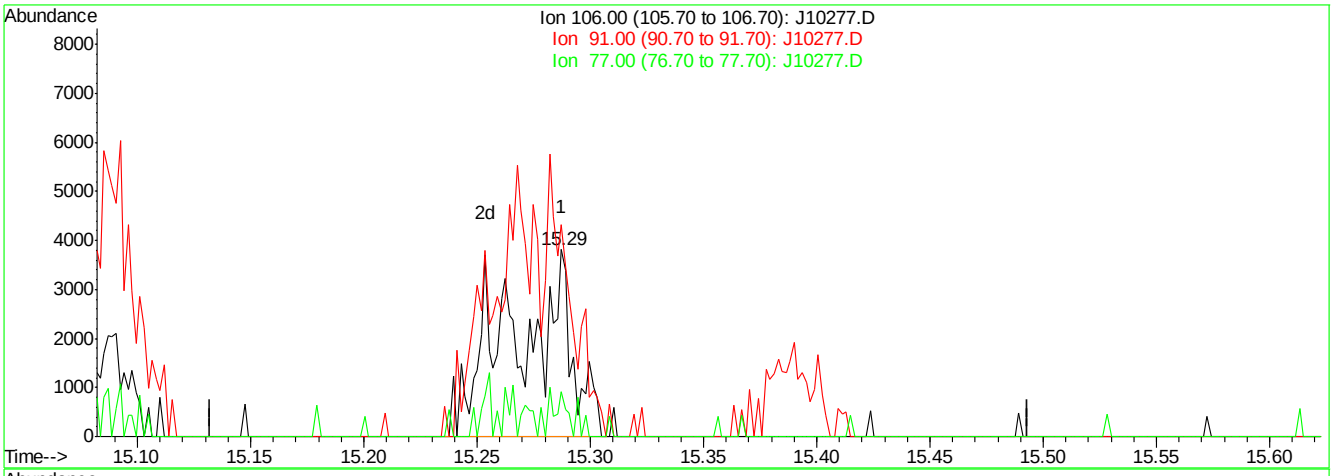
J10277.D J050907T.M Thu May 10 08:39:14 2007

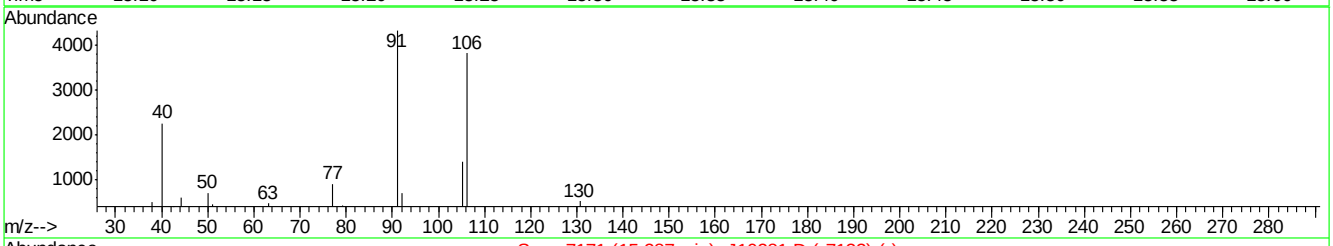
Quantitation Report (Qedit)

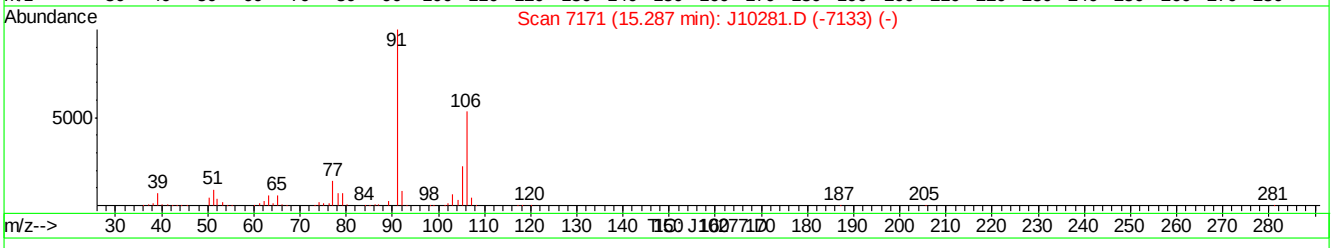
Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration







(56) m,p-XYLENE (m)

15.29min 0.18PPBV m

response 6881

Ion	Exp%	Act%
106.00	100	100
91.00	187.40	113.31#
77.00	26.20	23.79
0.00	0.00	0.00

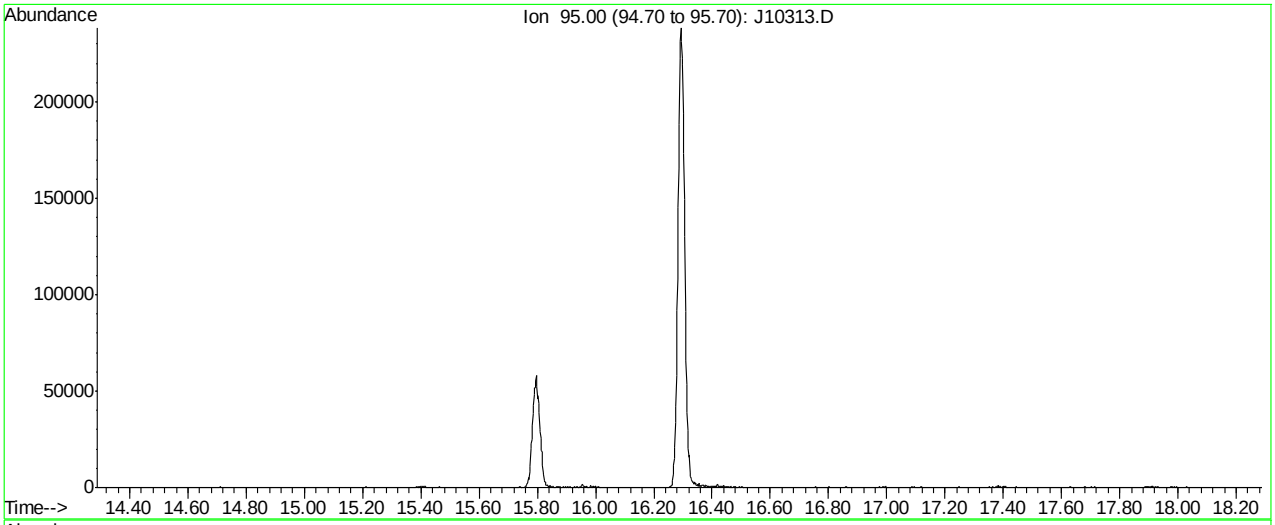
J10277.D J050907T.M Thu May 10 08:39:20 2007

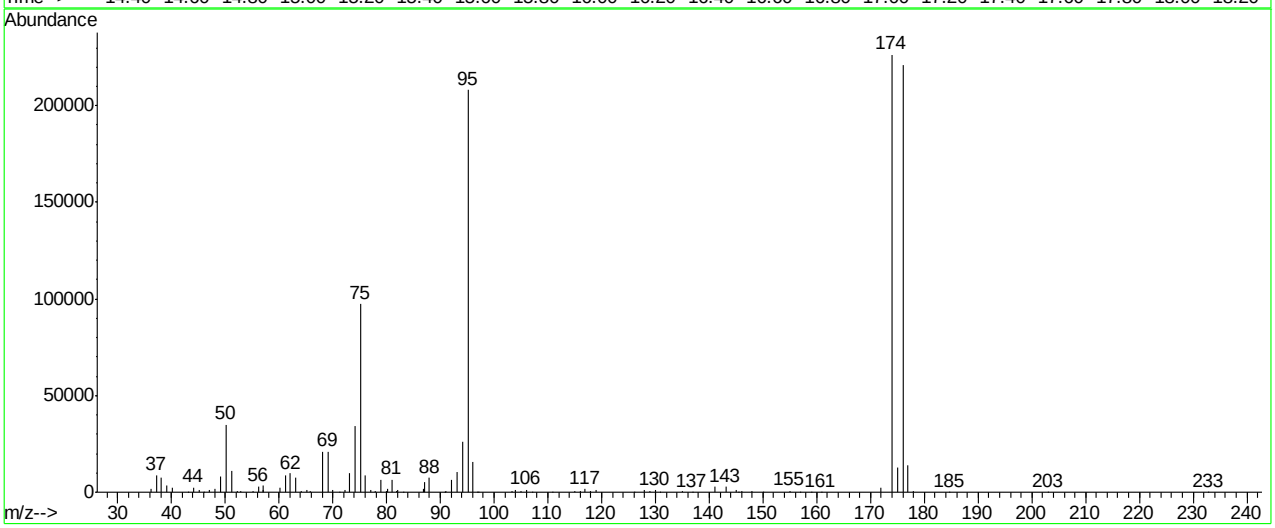
BFB

Data File : C:\MSDChem\1\data\J10313.D
Acq On : 11 May 2007 11:23 am
Sample : CC533-10 (M054)
Misc : MS13540, MSJ534,,,,,1
MS Integration Params: LSCINT.P

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

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.287 to 16.290 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	16.7	34842	PASS
75	95	30	66	46.7	97261	PASS
95	95	100	100	100.0	208149	PASS
96	95	5	9	7.4	15457	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	108.8	226496	PASS
175	174	4	9	5.7	12914	PASS
176	174	93	101	97.6	220970	PASS
177	176	5	9	6.2	13783	PASS

J10313.D J050907T.M Fri May 11 11:53:02 2007

Average of 16.287 to 16.290 min.: J10313.D
CC533-10 (M054)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.20	1995	49.15	8083	62.15	9740	74.10	34141
37.20	8955	50.15	34842	63.15	7423	75.10	97261
38.15	7447	51.15	10830	64.15	769	76.10	8463
39.15	3217	52.15	419	65.10	1321	77.05	948
40.10	2336	52.95	394	65.80	314	77.90	317
43.00	143	55.10	553	68.10	21013	79.00	6254
44.10	2343	56.15	3047	69.10	21149	79.90	385
45.15	1454	57.00	1170	70.05	1267	80.10	1836
46.10	179	57.15	3430	71.30	154	81.00	6604
47.10	1383	60.15	2061	72.20	981	81.90	496
48.15	1498	61.15	8671	73.10	10013	82.05	1146

Average of 16.287 to 16.290 min.: J10313.D
CC533-10 (M054)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
83.10	169	96.90	188	118.00	789	144.95	1005
86.90	1968	97.10	232	119.05	1424	145.50	140
87.10	5396	103.40	329	126.00	169	146.00	682
88.00	7509	103.95	1071	128.00	928	147.95	494
90.80	188	104.95	380	128.95	434	150.10	170
91.05	858	106.00	1249	129.95	1037	154.95	835
92.10	6690	107.00	144	130.90	183	157.00	159
93.10	10238	110.90	167	134.95	511	158.90	220
94.15	26093	114.95	395	136.80	301	160.80	247
95.10	208149	116.00	746	141.00	2698	172.00	2548
96.10	15457	116.95	1708	143.05	2869	174.00	226496

Average of 16.287 to 16.290 min.: J10313.D
CC533-10 (M054)

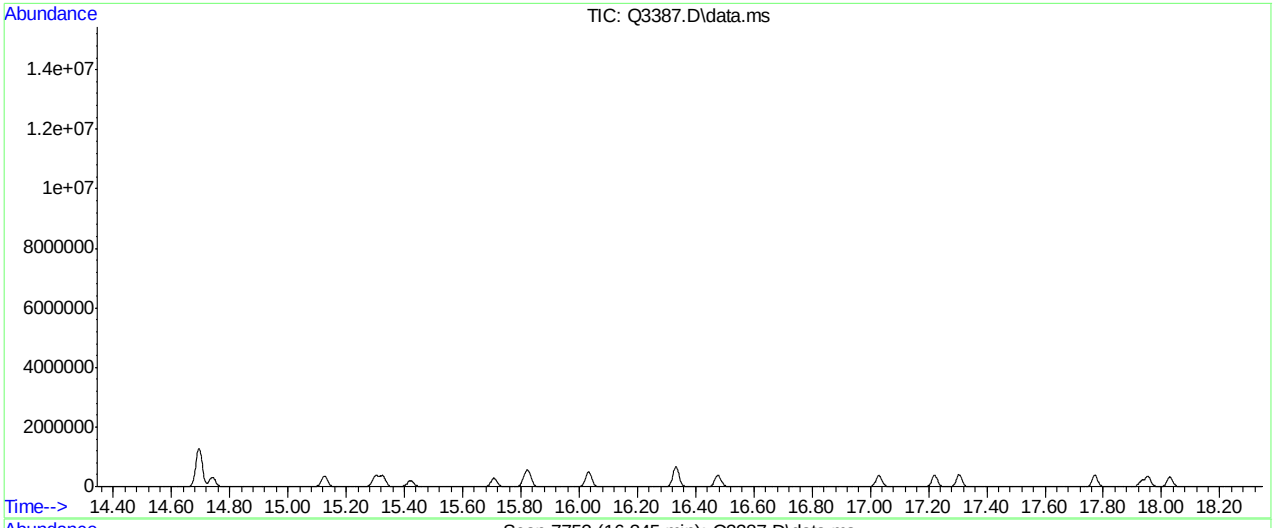
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
175.00	12914						
176.00	220970						
176.95	13783						
177.90	503						
184.70	160						
203.00	157						
232.80	157						

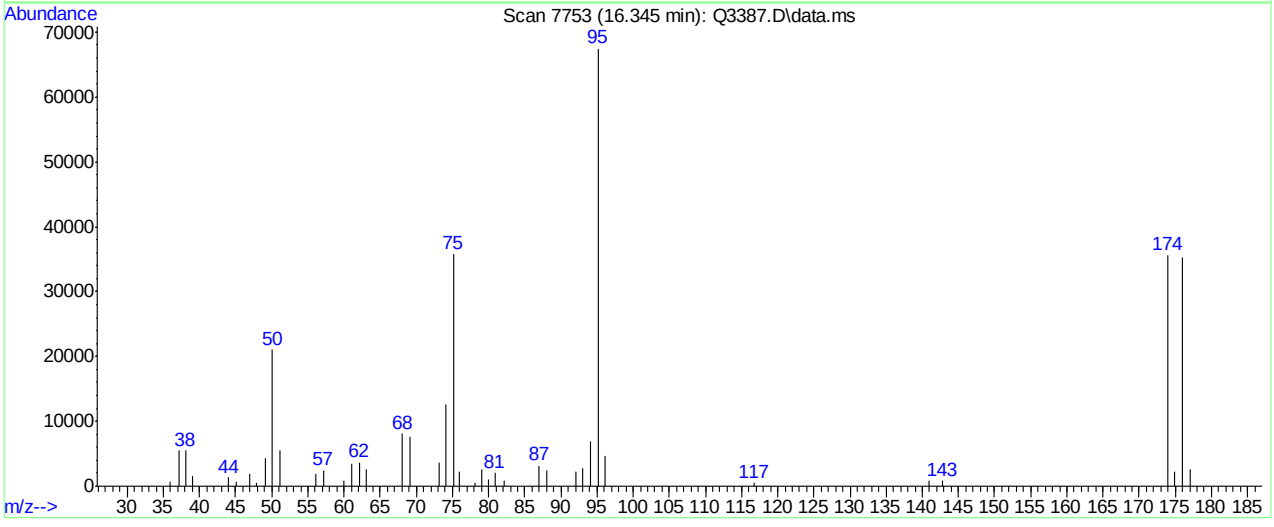
BFB

Data File : C:\msdchem\1\DATA\Q3387.D
Acq On : 15 May 2007 5:12 pm
Sample : IC185-2 (M060)
Misc : MS13535,MSQ185,,,,,1
MS Integration Params: LSCINT.P

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

Method : C:\msdchem\1\METHODS\Q051507T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Scan 7753

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	31.1	21000	PASS
75	95	30	66	53.0	35784	PASS
95	95	100	100	100.0	67472	PASS
96	95	5	9	7.0	4748	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	52.8	35648	PASS
175	174	4	9	6.1	2181	PASS
176	174	93	101	98.8	35216	PASS
177	176	5	9	7.2	2542	PASS

Q3387.D Q051507T.m Wed May 16 11:17:16 2007 RPT1

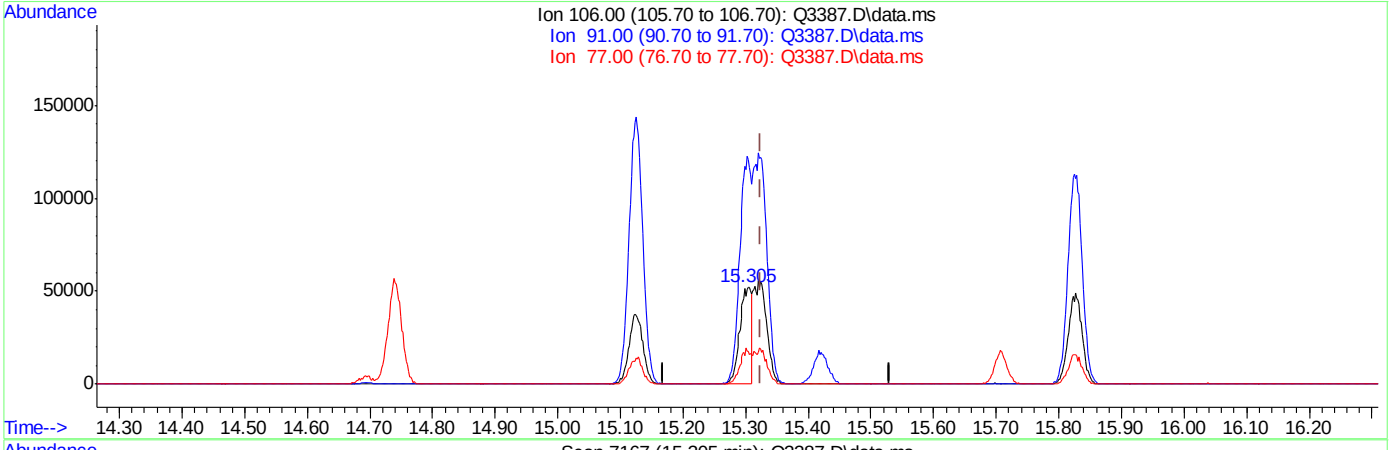
Scan 7753 (16.345 min): Q3387.D\data.ms
IC185-2 (M060)

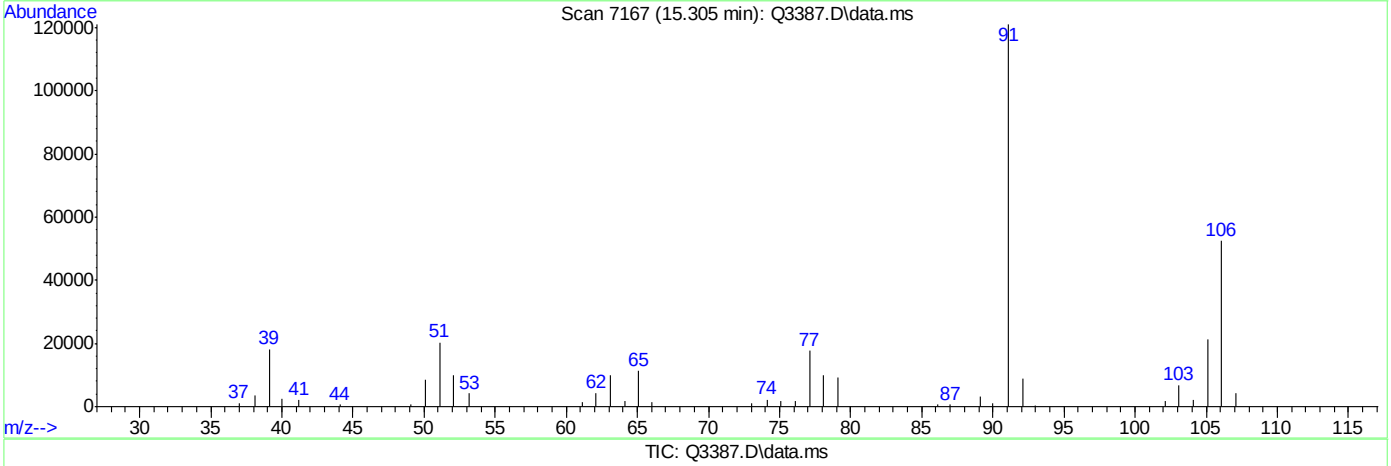
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.90	679	56.10	1861	76.00	2203	95.10	67472
37.10	5460	57.10	2507	78.10	501	96.10	4748
38.10	5524	60.00	840	79.00	2585	116.80	443
39.00	1611	61.10	3484	80.00	993	140.90	811
44.00	1333	62.10	3649	80.90	2020	142.80	846
45.10	721	63.10	2658	82.10	886	174.00	35648
47.00	1983	68.10	8113	87.00	3153	174.90	2181
47.90	593	69.10	7586	88.10	2509	176.00	35216
49.10	4327	73.10	3655	92.10	2174	177.00	2542
50.10	21000	74.10	12601	93.00	2842		
51.10	5609	75.10	35784	94.10	6850		

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3387.D
Acq On : 15 May 2007 5:12 pm
Operator : PhilipB
Sample : IC185-2 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 15 17:38:09 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 16:13:49 2007
Response via : Initial Calibration





TIC: Q3387.D\data.ms

(56) m,p-XYLENE (m)

15.305min (-0.019) 1.61PPBV

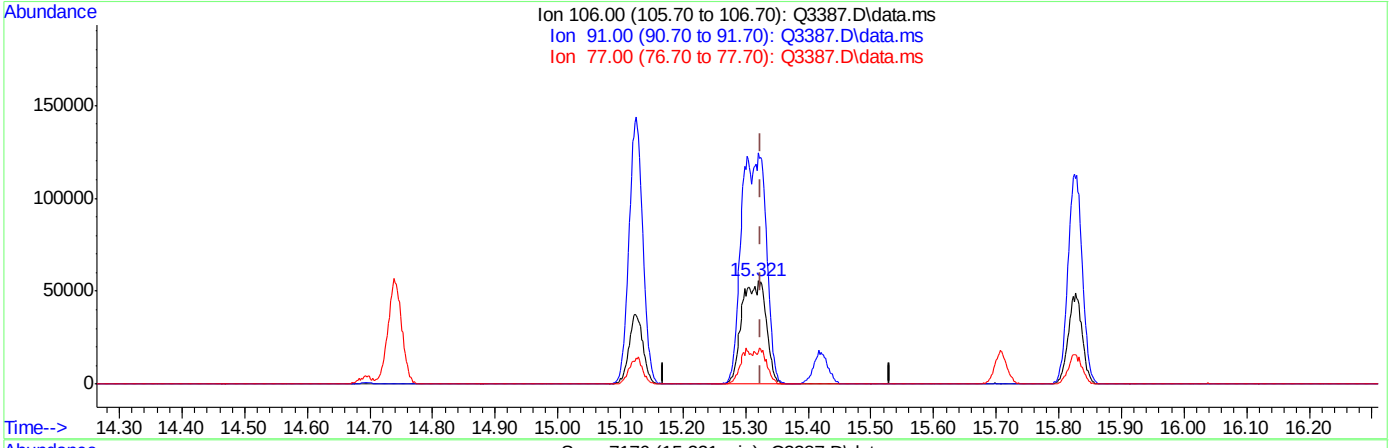
response 69695

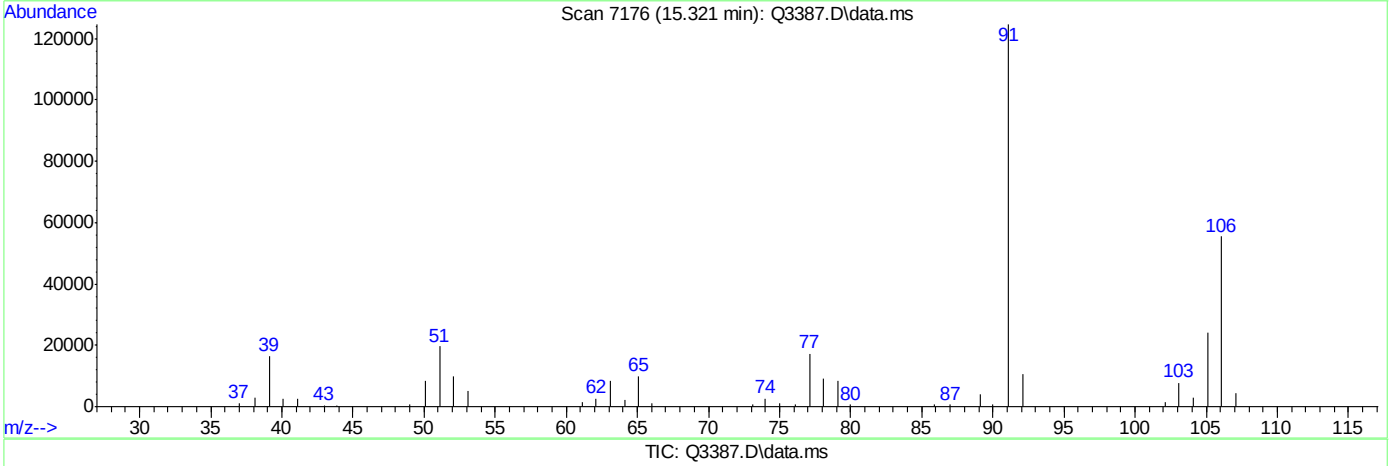
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	231.05
77.00	30.60	33.87
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3387.D
Acq On : 15 May 2007 5:12 pm
Operator : PhilipB
Sample : IC185-2 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 15 17:38:09 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 16:13:49 2007
Response via : Initial Calibration





TIC: Q3387.D\data.ms

(56) m,p-XYLENE (m)

15.321min (-0.004) 3.48PPBV m

response 150900

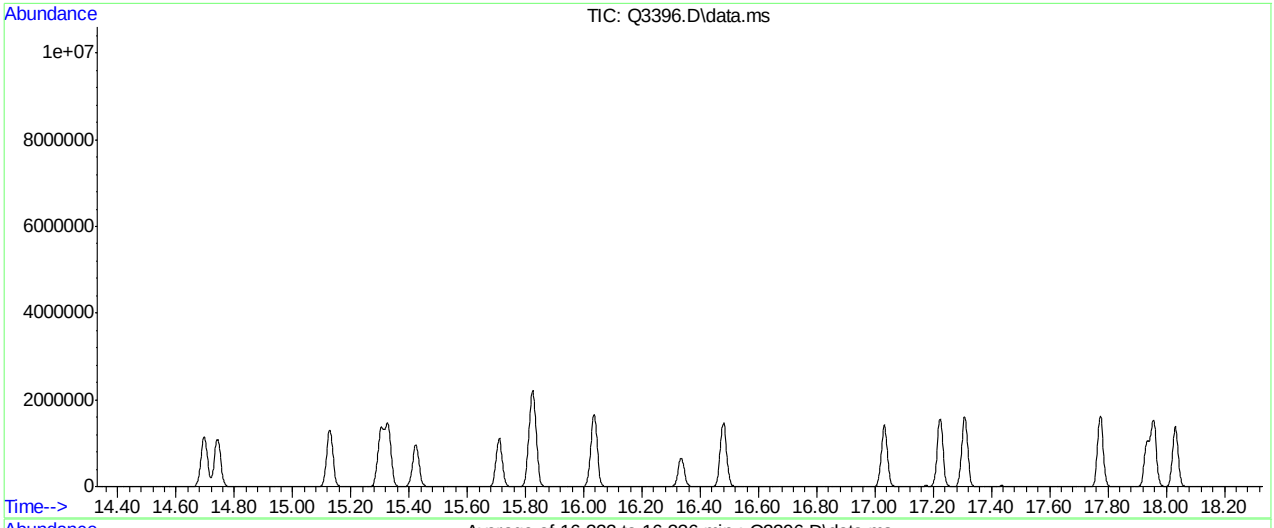
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	224.73
77.00	30.60	31.22
0.00	0.00	0.00

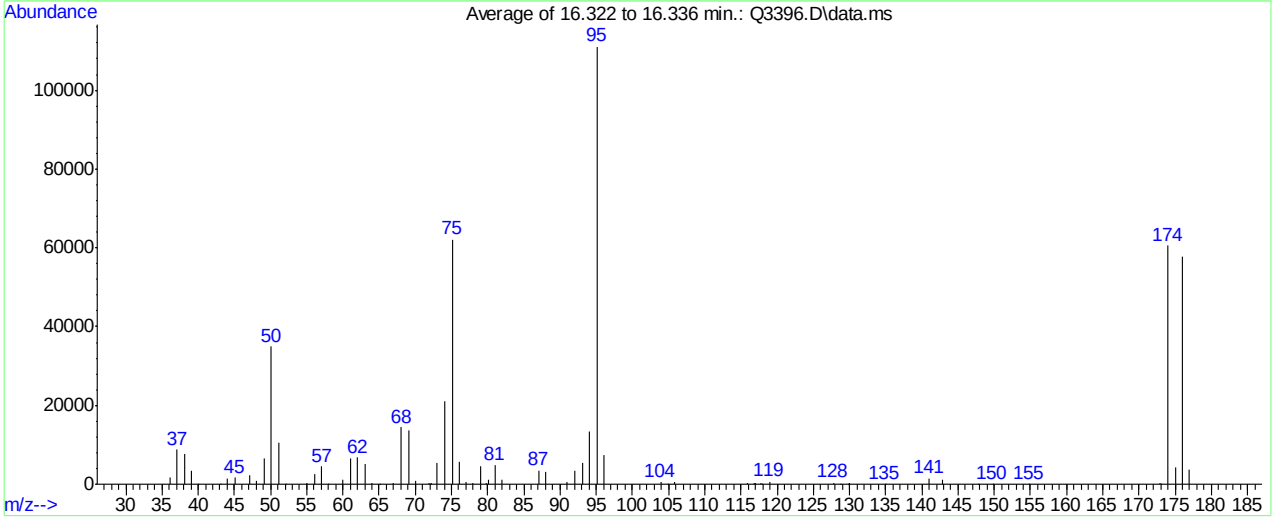
BFB

Data File : C:\msdchem\1\DATA\Q3396.D
Acq On : 16 May 2007 12:25 pm
Sample : CC185-10 (M068)
Misc : MS13579,MSQ186,,,,,1
MS Integration Params: LSCINT.P

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

Method : C:\msdchem\1\METHODS\Q051507T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.322 to 16.336 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	31.4	34923	PASS
75	95	30	66	55.9	62112	PASS
95	95	100	100	100.0	111101	PASS
96	95	5	9	6.7	7467	PASS
173	174	0.00	2	0.4	237	PASS
174	95	50	120	54.4	60476	PASS
175	174	4	9	7.1	4319	PASS
176	174	93	101	95.6	57807	PASS
177	176	5	9	6.5	3785	PASS

Q3396.D Q051507T.m Wed May 16 13:29:57 2007 RPT1

Average of 16.322 to 16.336 min.: Q3396.D\data.ms
CC185-10 (M068)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	1710	50.10	34923	63.95	382	75.10	62112
37.10	8737	51.10	10465	65.05	127	76.10	5775
38.10	7784	52.00	129	66.95	211	77.00	461
39.10	3312	55.05	408	68.10	14425	77.90	273
39.95	106	56.05	2687	69.10	13785	79.00	4643
43.10	49	57.10	4530	70.05	915	79.85	299
44.05	1560	58.00	75	71.90	247	80.05	1051
45.10	1642	60.00	1277	72.00	77	81.00	4888
47.05	2188	61.05	6680	72.15	229	81.95	1020
48.00	972	62.05	6702	73.05	5514	87.05	3429
49.10	6541	63.10	5080	74.10	21169	88.00	3266

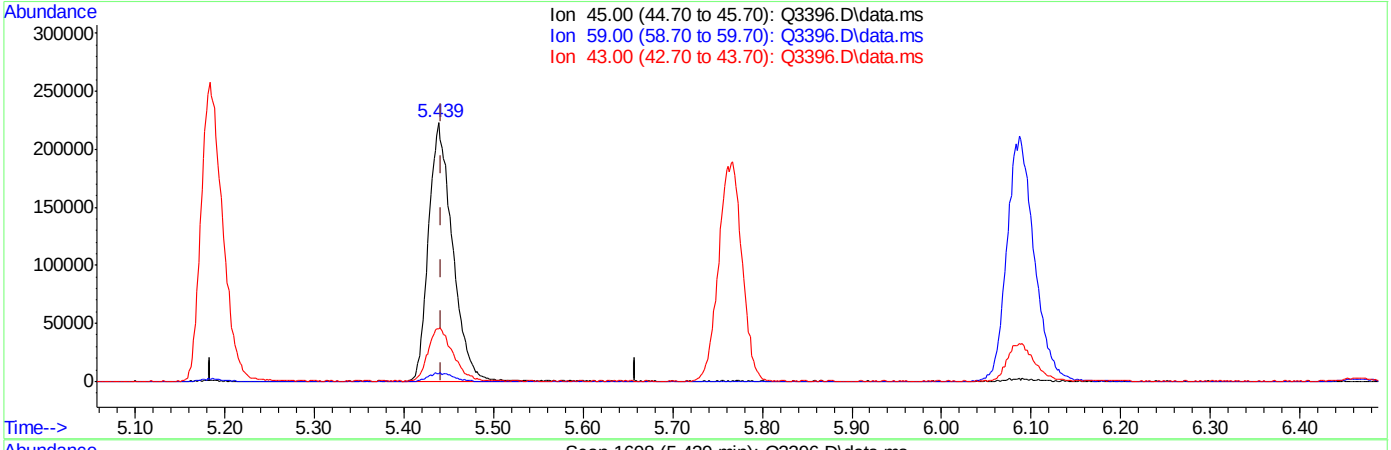
Average of 16.322 to 16.336 min.: Q3396.D\data.ms
CC185-10 (M068)

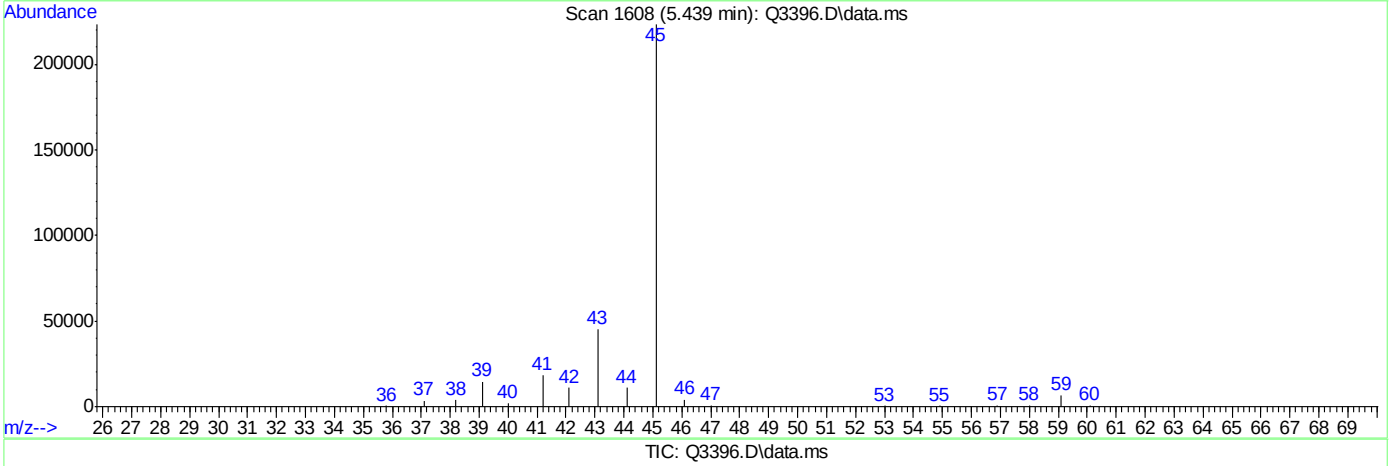
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
90.95	442	116.90	98	142.90	1284		
92.05	3393	117.05	416	147.80	59		
93.05	5361	117.75	162	149.80	68		
94.10	13359	117.95	151	154.85	122		
95.10	111101	118.95	717	172.90	237		
96.10	7467	127.80	357	173.10	49		
103.90	500	128.80	58	174.00	60476		
104.90	47	129.80	122	175.05	4319		
105.85	473	129.95	338	176.00	57807		
115.95	205	134.90	107	177.00	3785		
116.80	212	141.00	1463				

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3396.D
Acq On : 16 May 2007 12:25 pm
Operator : PhilipB
Sample : CC185-10 (M068)
Misc : MS13535,MSQ186,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 13:28:09 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3396.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.439min (-0.004) 6.93PPBV

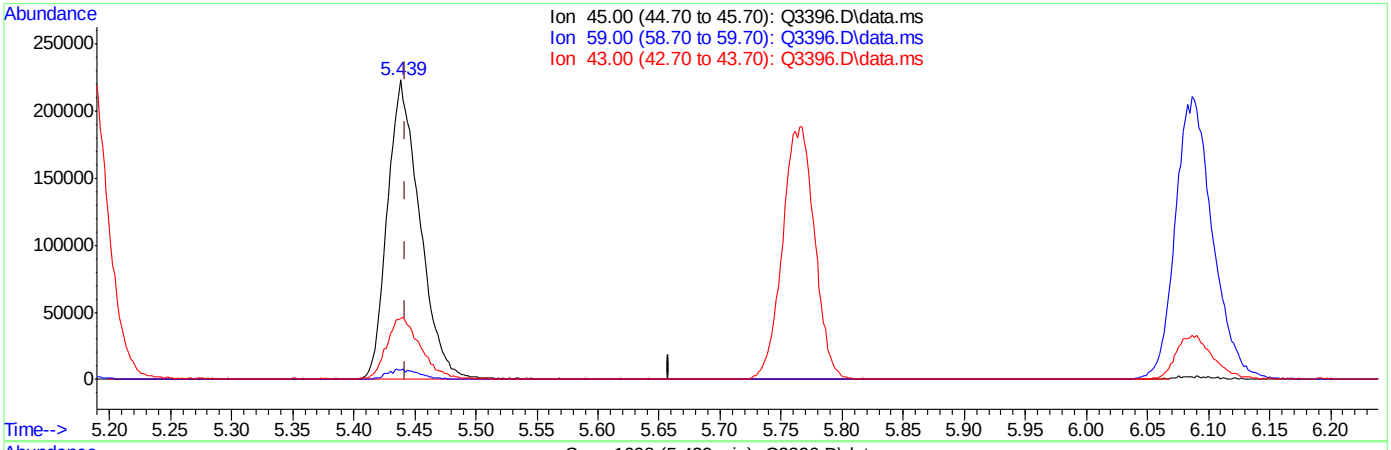
response 412460

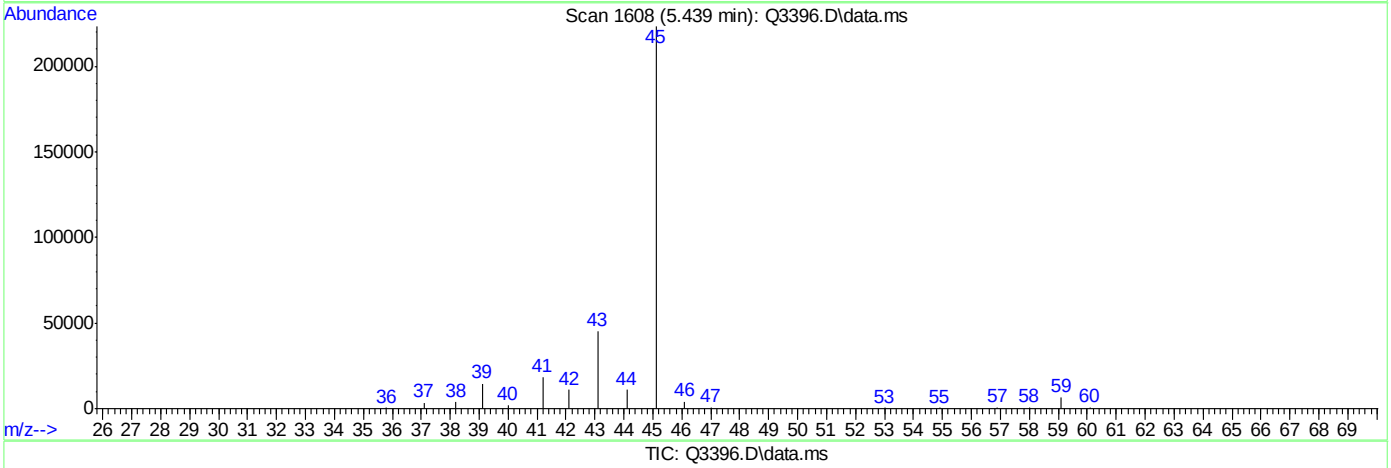
Ion	Exp%	Act%
45.00	100	100
59.00	2.80	3.09
43.00	22.80	20.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3396.D
Acq On : 16 May 2007 12:25 pm
Operator : PhilipB
Sample : CC185-10 (M068)
Misc : MS13535,MSQ186,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 13:28:09 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3396.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.439min (-0.004) 7.00PPBV m

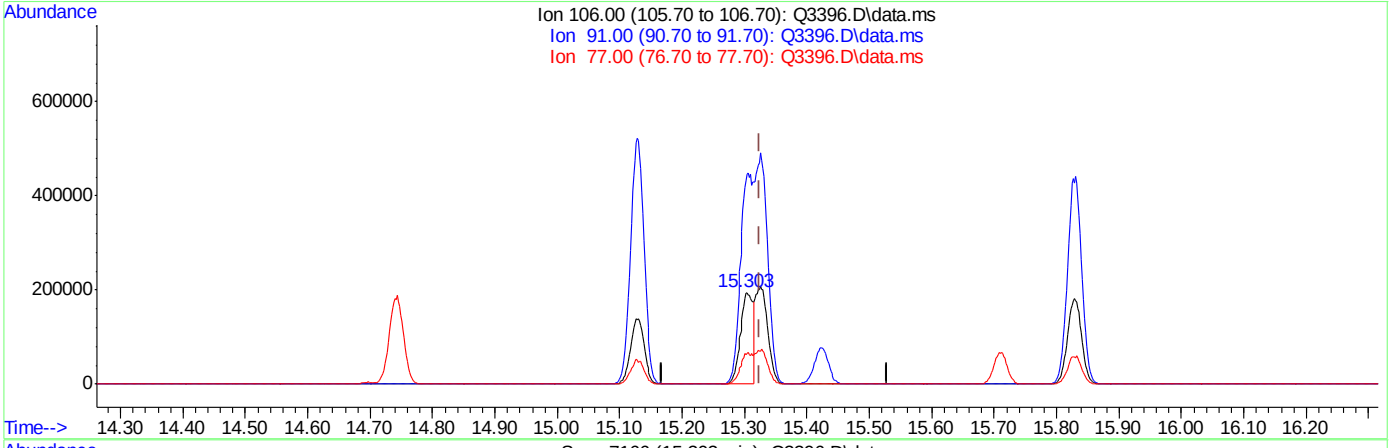
response 416514

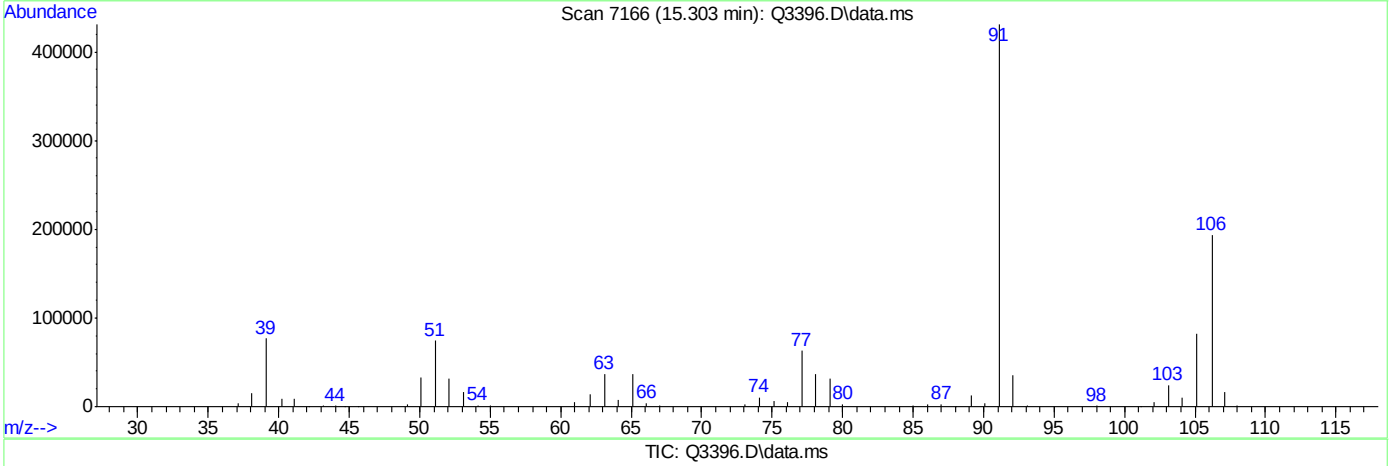
Ion	Exp%	Act%
45.00	100	100
59.00	2.80	3.09
43.00	22.80	20.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3396.D
Acq On : 16 May 2007 12:25 pm
Operator : PhilipB
Sample : CC185-10 (M068)
Misc : MS13535,MSQ186,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 13:28:09 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3396.D\data.ms

(56) m,p-XYLENE (m)

15.303min (-0.021) 8.75PPBV

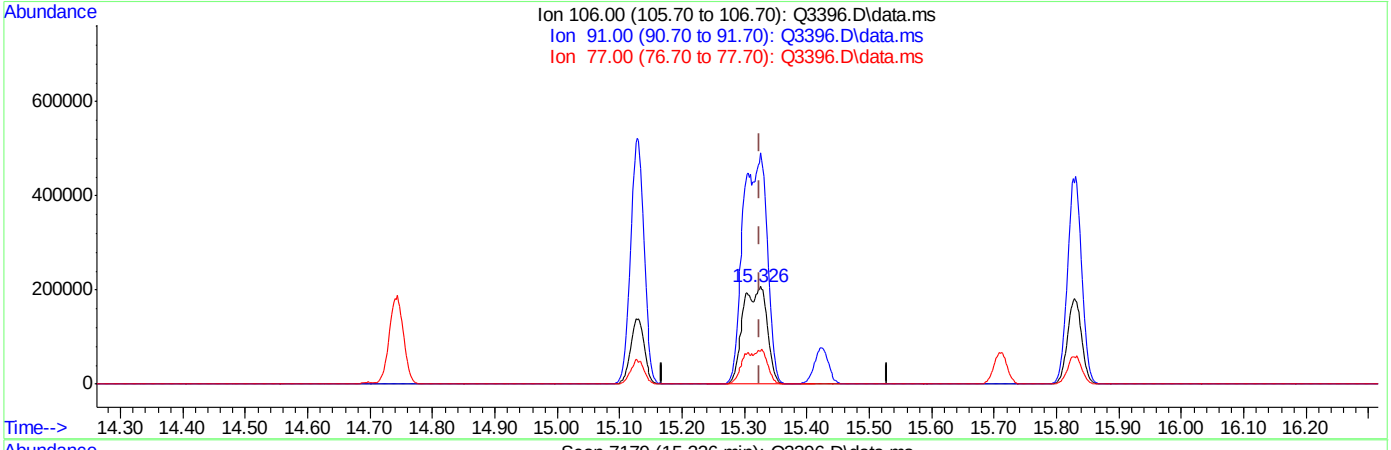
response 280032

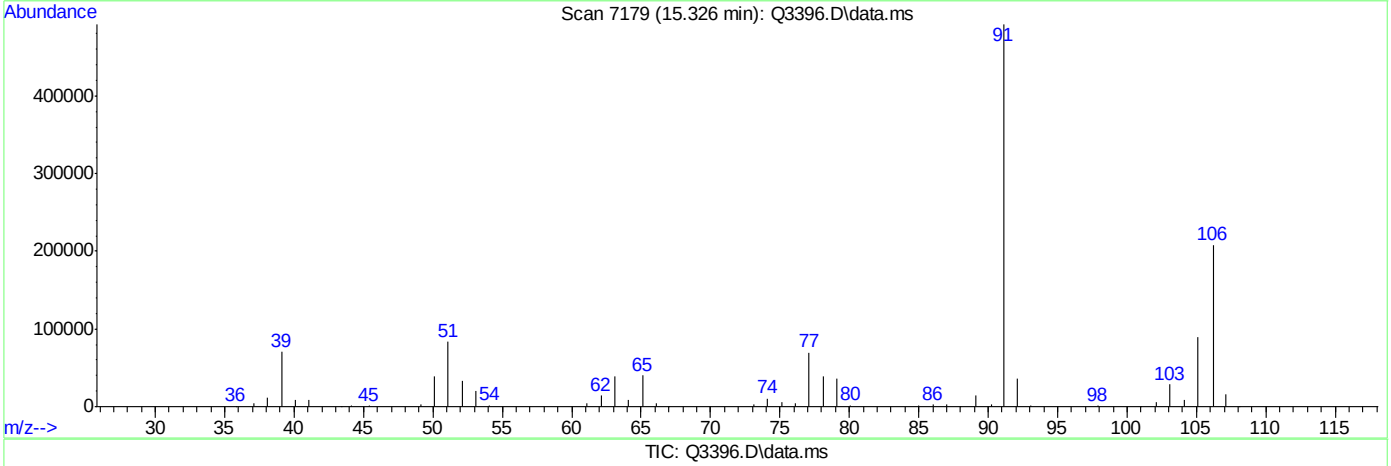
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	222.17
77.00	30.60	32.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3396.D
Acq On : 16 May 2007 12:25 pm
Operator : PhilipB
Sample : CC185-10 (M068)
Misc : MS13535,MSQ186,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 13:28:09 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3396.D\data.ms

(56) m,p-XYLENE (m)

15.326min (+0.002) 17.54PPBV m

response 561105

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	236.70
77.00	30.60	33.39
0.00	0.00	0.00

Manual Integrations
APPROVED
(compounds with "m" flag)
Doug Yargeau
04/06/07 12:03

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9928.D
Acq On : 5 Apr 2007 12:13 pm
Operator : PhilipB
Sample : IC513-10 (M014)
Misc : MS13316, MSJ513,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 05 13:47:48 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 13:44:07 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	510561	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1233742	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1022893	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	339529	4.39	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 87.80%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	1127352	10.27	PPBV	98
3) PROPYLENE	3.99	41	182846	10.98	PPBV	96
4) FREON 114	4.32	85	925633	9.63	PPBV	94
5) CHLOROMETHANE	4.23	50	236047	10.66	PPBV	96
6) VINYL CHLORIDE	4.45	62	265221	10.27	PPBV	97
7) 1,3-BUTADIENE	4.58	39	241597	10.64	PPBV	89
8) BROMOMETHANE	4.86	94	291235	9.97	PPBV	99
9) CHLOROETHANE	5.03	64	115115	9.82	PPBV	95
10) TRICHLOROFLUOROMETHANE	5.80	101	1236930	10.00	PPBV	100
11) ISOPROPYL ALCOHOL	5.91	45	352223	9.15	PPBV	86
12) ACETONE	5.65	43	357651	9.38	PPBV	92
13) PENTANE	6.14	42	261934	10.42	PPBV	96
14) 1,1-DICHLOROETHYLENE	6.43	96	294516	9.62	PPBV	93
15) CARBON DISULFIDE	6.85	76	906752	10.19	PPBV	95
16) ETHANOL	5.18	45	57892m	9.58	PPBV	
17) BROMOETHENE	5.38	106	287667	9.54	PPBV #	97
18) METHYLENE CHLORIDE	6.55	84	271770	9.46	PPBV	94
19) 3-CHLOROPROPENE	6.66	39	275966	9.25	PPBV	90
20) FREON 113	6.79	151	654835	8.57	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	327235	9.42	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.52	59	489163	8.88	PPBV	77
23) METHYL TERTIARY BUTYL ETHE	7.73	73	677506	8.90	PPBV	95
24) TETRAHYDROFURAN	9.18	42	191116	8.81	PPBV	90
25) HEXANE	8.64	57	379457	9.59	PPBV	92
26) VINYL ACETATE	7.80	43	418189	8.57	PPBV	97
27) 1,1-DICHLOROETHANE	7.66	63	554145	9.39	PPBV	99
28) METHYL ETHYL KETONE	8.07	43	416901	9.38	PPBV	93
29) cis-1,2-DICHLOROETHYLENE	8.46	96	351619	8.99	PPBV	98
30) ETHYL ACETATE	8.69	43	451331	9.27	PPBV	99
31) CHLOROFORM	8.74	83	950207	9.70	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.68	97	748029	8.27	PPBV	98
33) CARBON TETRACHLORIDE	10.26	117	945783	8.28	PPBV	99
34) 1,2-DICHLOROETHANE	9.45	62	383726	8.85	PPBV	99
36) BENZENE	10.12	78	547241	8.31	PPBV	97
37) CYCLOHEXANE	10.37	84	267571	8.85	PPBV	94
38) TRICHLOROETHYLENE	11.12	95	322994	6.81	PPBV	97
39) 1,2-DICHLOROPROPANE	10.90	63	191532	8.09	PPBV	96
40) BROMODICHLOROMETHANE	11.09	83	593609	7.28	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	1041955	7.79	PPBV	98
42) 1,4-DIOXANE	11.17	88	91552	7.80	PPBV	95
43) HEPTANE	11.36	43	333224	8.43	PPBV	92

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9928.D
Acq On : 5 Apr 2007 12:13 pm
Operator : PhilipB
Sample : IC513-10 (M014)
Misc : MS13316, MSJ513,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 05 13:47:48 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 13:44:07 2007
Response via : Initial Calibration

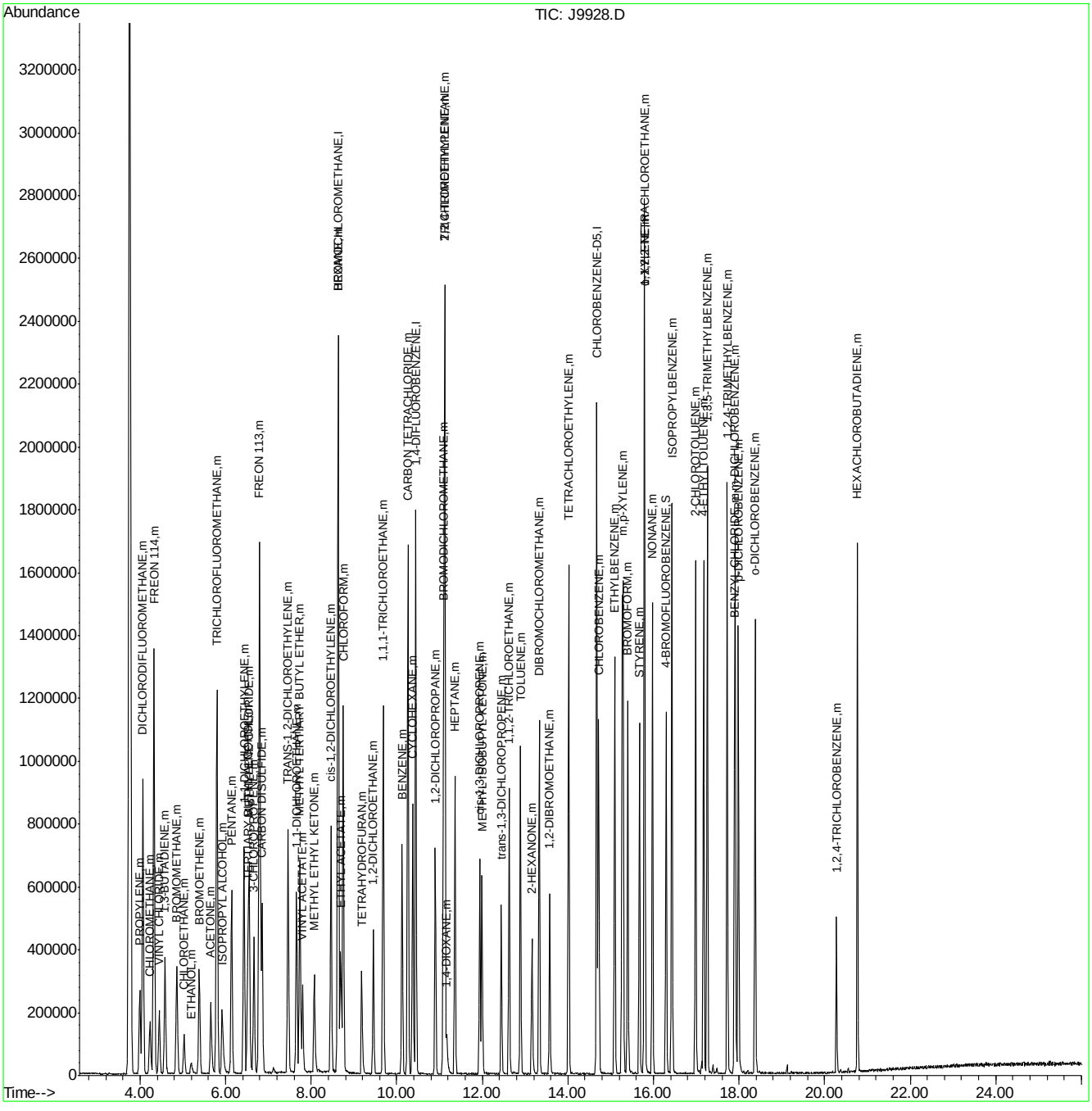
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.99	43	440292	8.34	PPBV	91
45) cis-1,3-DICHLOROPROPENE	11.94	75	298861	8.12	PPBV	88
46) TOLUENE	12.89	92	370229	6.99	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.44	75	241921	7.53	PPBV	88
48) 1,1,2-TRICHLOROETHANE	12.63	83	206130	7.72	PPBV	100
50) 2-HEXANONE	13.16	43	340908	7.77	PPBV	89
51) TETRACHLOROETHYLENE	14.02	164	272571	5.28	PPBV	95
52) DIBROMOCHLOROMETHANE	13.33	129	549053	6.73	PPBV	100
53) 1,2-DIBROMOETHANE	13.57	107	361083	6.97	PPBV	99
54) CHLOROBENZENE	14.72	112	520646	7.27	PPBV	97
55) ETHYLBENZENE	15.09	91	866876	6.95	PPBV	97
56) m,p-XYLENE	15.29	106	689985m	12.37	PPBV	
57) o-XYLENE	15.79	106	386877	6.05	PPBV	92
58) STYRENE	15.67	104	466157	6.35	PPBV	98
59) NONANE	15.97	43	517725	8.20	PPBV	95
60) BROMOFORM	15.40	173	501544	5.72	PPBV #	28
62) 1,1,2,2-TETRACHLOROETHANE	15.80	83	620994	6.72	PPBV	99
63) ISOPROPYLBENZENE	16.43	105	1138755	6.25	PPBV	98
64) 2-CHLOROTOLUENE	16.98	91	796160	6.22	PPBV	98
65) 4-ETHYLTOLUENE	17.17	105	920861	5.68	PPBV	75
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	929011	5.72	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	869902	5.53	PPBV	100
68) m-DICHLOROBENZENE	17.91	146	546806	4.96	PPBV	99
69) BENZYL CHLORIDE	17.89	91	473974	5.56	PPBV	98
70) p-DICHLOROBENZENE	17.98	146	496525	5.13	PPBV	94
71) o-DICHLOROBENZENE	18.37	146	488306	4.85	PPBV	97
72) HEXACHLOROBUTADIENE	20.77	225	201194	3.39	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.28	180	99716	4.47	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9928.D
Acq On : 5 Apr 2007 12:13 pm
Operator : PhilipB
Sample : IC513-10 (M014)
Misc : MS13316, MSJ513,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 05 13:47:48 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 13:44:07 2007
Response via : Initial Calibration

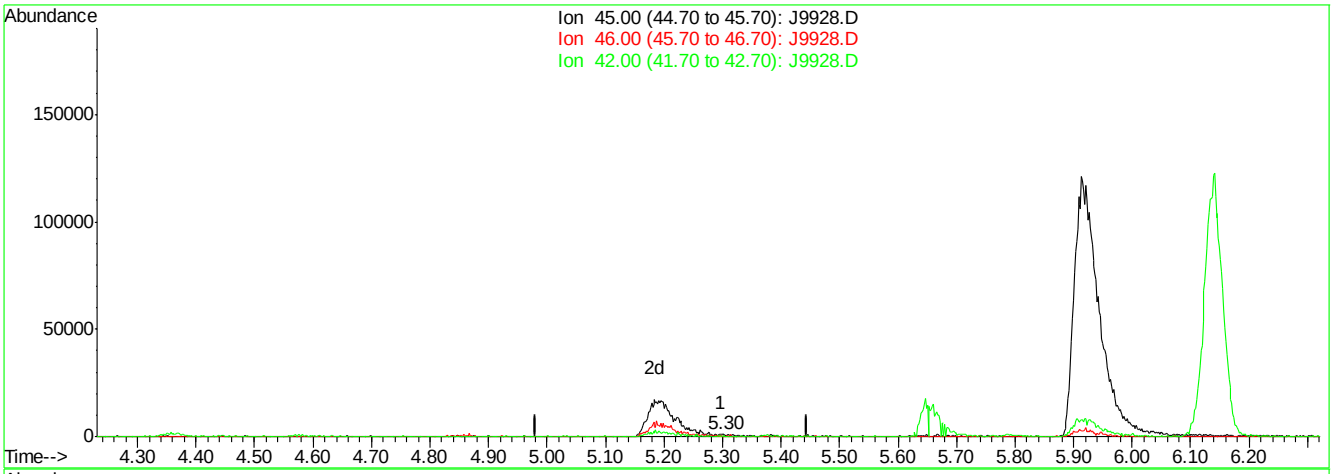


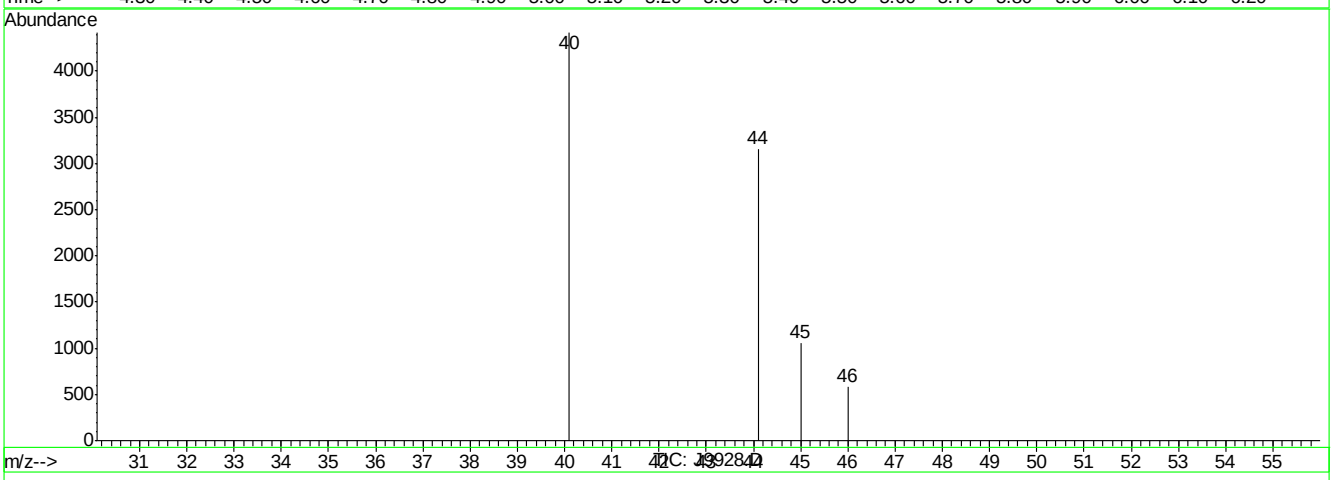
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9928.D Vial: 2
Acq On : 5 Apr 2007 12:13 pm Operator: PhilipB
Sample : IC513-10 (M014) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 13:46:48 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 13:44:07 2007
Response via : Multiple Level Calibration





(16) ETHANOL (m)

5.30min 0.23PPBV

response 1403

Ion	Exp%	Act%
45.00	100	100
46.00	33.00	29.37
42.00	1.50	7.20
0.00	0.00	0.00

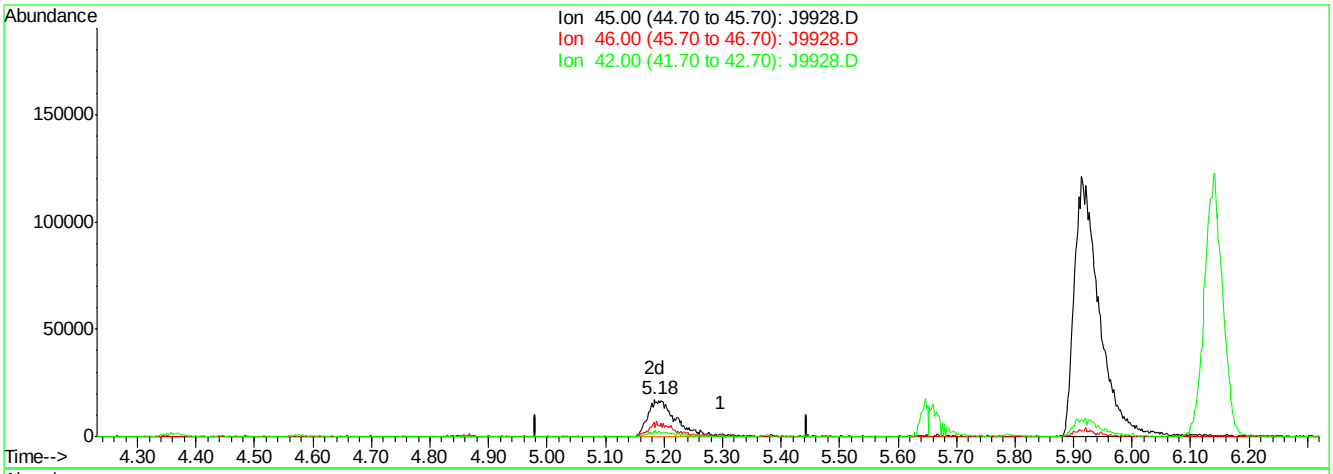
J9928.D J040407T.M Thu Apr 05 13:47:05 2007

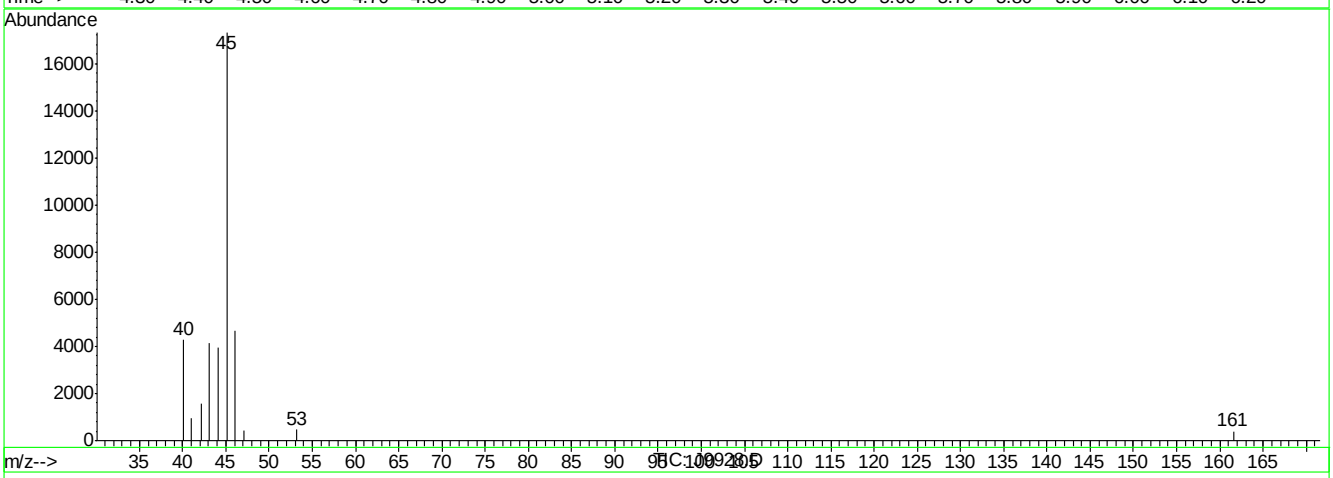
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9928.D Vial: 2
Acq On : 5 Apr 2007 12:13 pm Operator: PhilipB
Sample : IC513-10 (M014) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 13:46:48 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 13:44:07 2007
Response via : Multiple Level Calibration





(16) ETHANOL (m)

5.18min 9.58PPBV m

response 57892

Ion	Exp%	Act%
45.00	100	100
46.00	33.00	0.71#
42.00	1.50	0.17
0.00	0.00	0.00

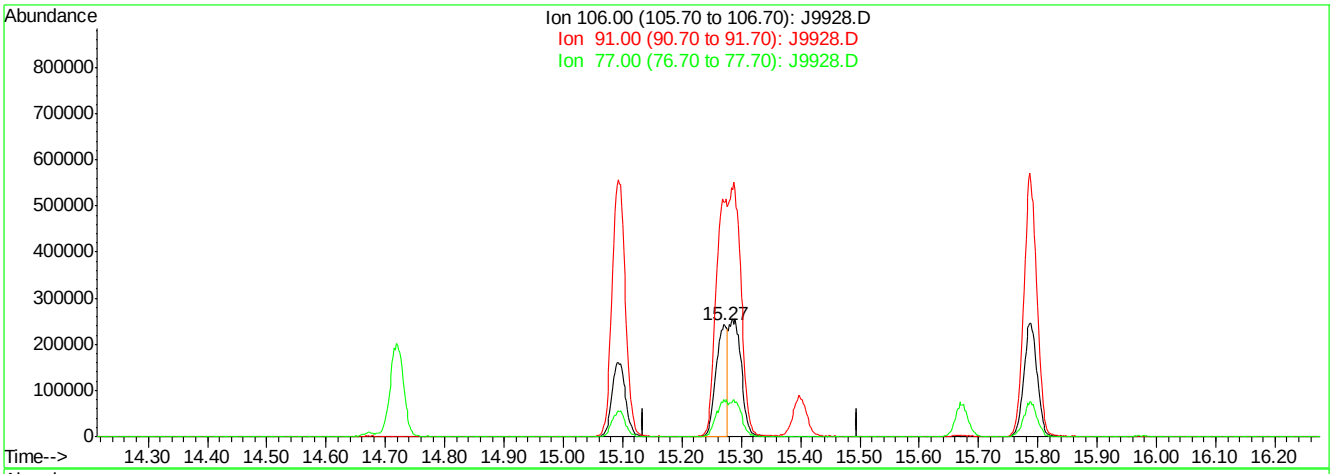
J9928.D J040407T.M Thu Apr 05 13:47:09 2007

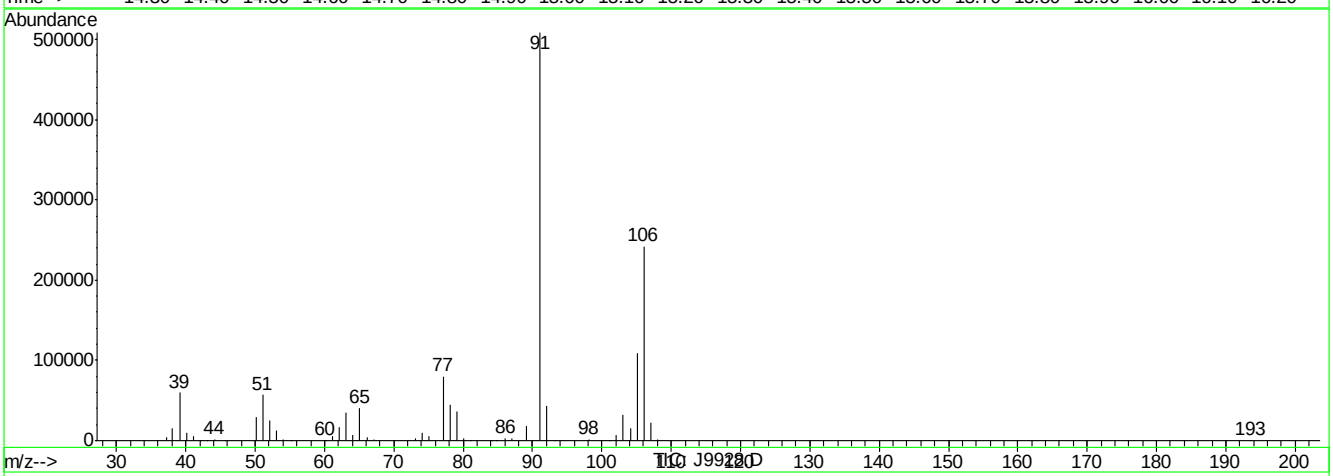
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9928.D Vial: 2
Acq On : 5 Apr 2007 12:13 pm Operator: PhilipB
Sample : IC513-10 (M014) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 13:46:48 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 13:44:07 2007
Response via : Multiple Level Calibration





(56) m,p-XYLENE (m)

15.27min 5.76PPBV

response 321323

Ion	Exp%	Act%
106.00	100	100
91.00	191.80	209.80
77.00	27.10	33.06#
0.00	0.00	0.00

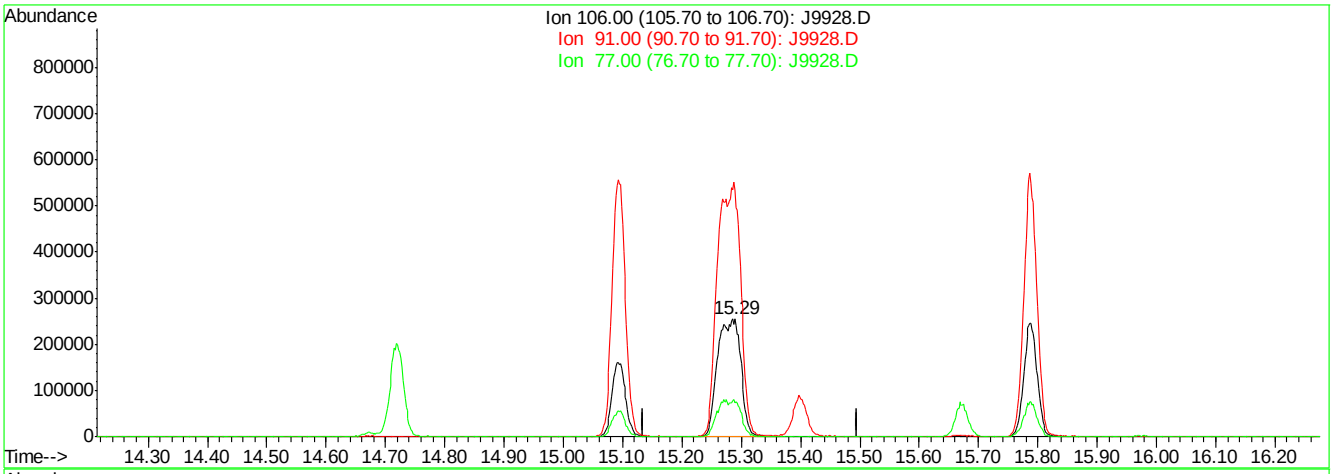
J9928.D J040407T.M Thu Apr 05 13:47:33 2007

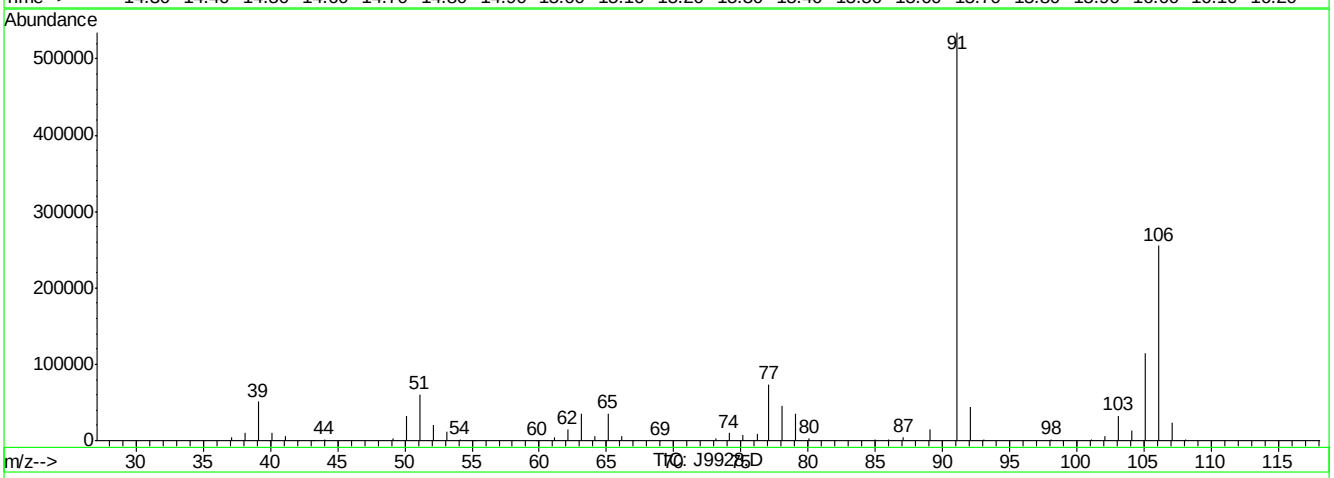
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9928.D Vial: 2
Acq On : 5 Apr 2007 12:13 pm Operator: PhilipB
Sample : IC513-10 (M014) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 13:46:48 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 13:44:07 2007
Response via : Multiple Level Calibration





(56) m,p-XYLENE (m)

15.29min 12.37PPBV m

response 689985

Ion	Exp%	Act%
106.00	100	100
91.00	191.80	209.43
77.00	27.10	28.84
0.00	0.00	0.00

J9928.D J040407T.M Thu Apr 05 13:47:37 2007

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 04/06/07 12:03

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9929.D
Acq On : 5 Apr 2007 12:58 pm
Operator : PhilipB
Sample : IC513-40 (M014)
Misc : MS13316, MSJ513,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 05 17:22:24 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 13:48:01 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	590664	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.45	114	1403833	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.68	117	1176391	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.31	95	445112	5.33	PPBV	0.01

Spiked Amount 5.000 Range 51 - 142 Recovery = 106.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	5082053	39.48	PPBV	99
3) PROPYLENE	4.00	41	770302	38.12	PPBV	92
4) FREON 114	4.33	85	4446035	40.75	PPBV	98
5) CHLOROMETHANE	4.23	50	1025007	38.73	PPBV	96
6) VINYL CHLORIDE	4.45	62	1194803	39.46	PPBV	97
7) 1,3-BUTADIENE	4.58	39	1050782	38.76	PPBV	90
8) BROMOMETHANE	4.86	94	1352090	40.06	PPBV	99
9) CHLOROETHANE	5.03	64	542729	40.37	PPBV	96
10) TRICHLOROFLUOROMETHANE	5.80	101	5721808	39.99	PPBV	99
11) ISOPROPYL ALCOHOL	5.95	45	1781597	41.78	PPBV	91
12) ACETONE	5.65	43	1765124	41.29	PPBV	94
13) PENTANE	6.14	42	1162765	39.17	PPBV	96
14) 1,1-DICHLOROETHYLENE	6.43	96	1416200	40.77	PPBV	98
15) CARBON DISULFIDE	6.85	76	4119462	39.63	PPBV	99
16) ETHANOL	5.20	45	288725m	42.19	PPBV	
17) BROMOETHENE	5.39	106	1395636	40.95	PPBV #	98
18) METHYLENE CHLORIDE	6.55	84	1329682	41.11	PPBV	99
19) 3-CHLOROPROPENE	6.67	39	1380742	41.56	PPBV	94
20) FREON 113	6.79	151	3536394	43.08	PPBV	93
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	1607568	41.19	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.55	59	2549700	42.38	PPBV	83
23) METHYL TERTIARY BUTYL ETHE	7.74	73	3523700	42.33	PPBV	97
24) TETRAHYDROFURAN	9.18	42	1003487	42.52	PPBV	92
25) HEXANE	8.64	57	1830145	40.83	PPBV	96
26) VINYL ACETATE	7.81	43	2258044	43.08	PPBV	99
27) 1,1-DICHLOROETHANE	7.66	63	2731664	41.26	PPBV	99
28) METHYL ETHYL KETONE	8.08	43	2056199	41.27	PPBV	98
29) cis-1,2-DICHLOROETHYLENE	8.47	96	1810531	42.13	PPBV	96
30) ETHYL ACETATE	8.70	43	2252470	41.51	PPBV	100
31) CHLOROFORM	8.76	83	4533012	40.61	PPBV	98
32) 1,1,1-TRICHLOROETHANE	9.69	97	4185423	43.79	PPBV	100
33) CARBON TETRACHLORIDE	10.27	117	5288337	43.77	PPBV	99
34) 1,2-DICHLOROETHANE	9.46	62	2005333	42.43	PPBV	99
36) BENZENE	10.13	78	2996417	43.69	PPBV	97
37) CYCLOHEXANE	10.38	84	1375474	42.43	PPBV	100
38) TRICHLOROETHYLENE	11.13	95	2157233	47.58	PPBV	90
39) 1,2-DICHLOROPROPANE	10.91	63	1076905	44.21	PPBV	95
40) BROMODICHLOROMETHANE	11.11	83	3710531	46.29	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.13	57	6085035	44.96	PPBV	98
42) 1,4-DIOXANE	11.17	88	534350	44.95	PPBV	95
43) HEPTANE	11.37	43	1799498	43.41	PPBV	96

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9929.D
Acq On : 5 Apr 2007 12:58 pm
Operator : PhilipB
Sample : IC513-40 (M014)
Misc : MS13316, MSJ513,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 05 17:22:24 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 13:48:01 2007
Response via : Initial Calibration

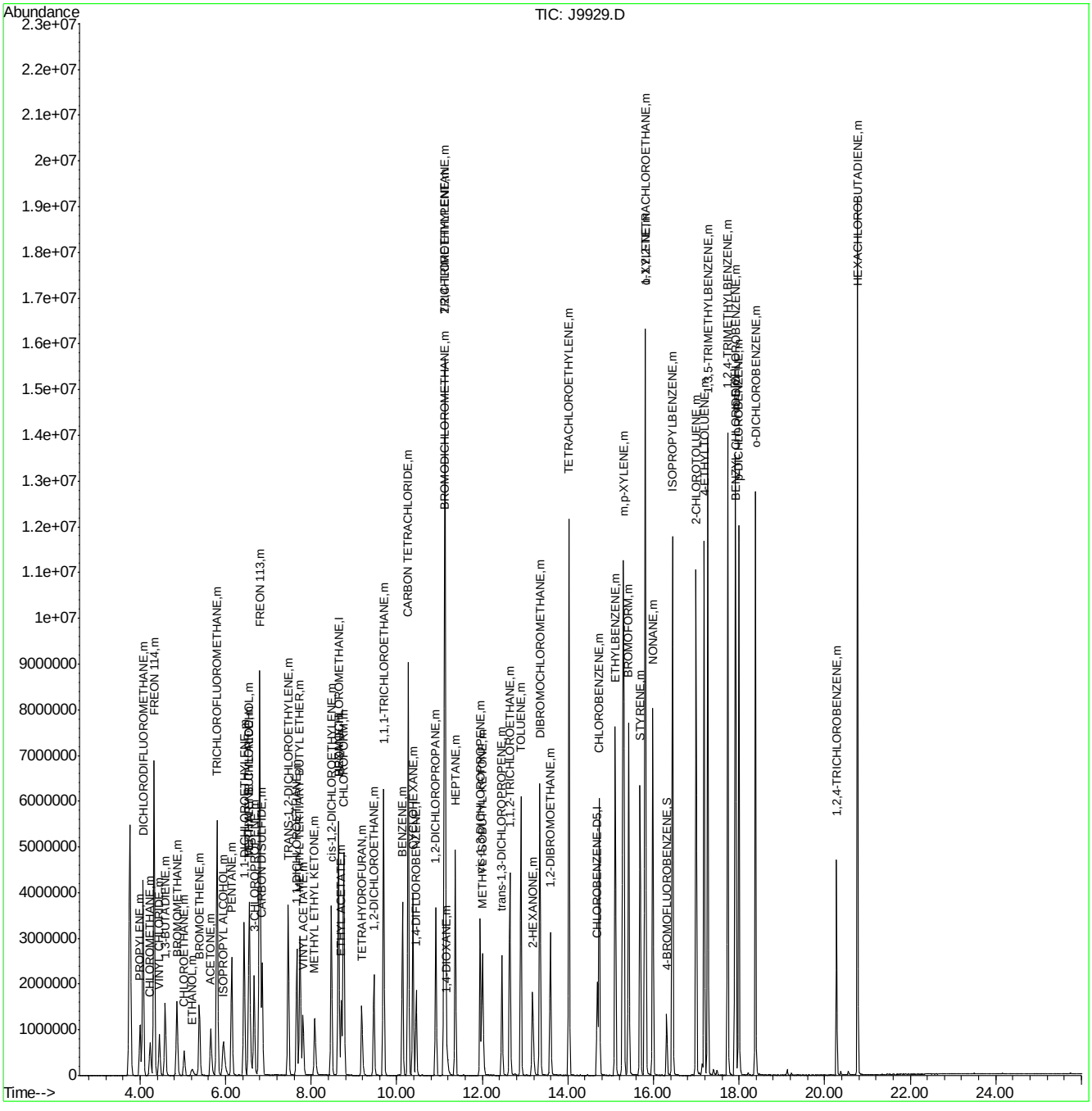
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.00	43	2403351	43.62	PPBV	94
45) cis-1,3-DICHLOROPROPENE	11.95	75	1676101	44.16	PPBV	89
46) TOLUENE	12.90	92	2410137	47.08	PPBV	97
47) trans-1,3-DICHLOROPROPENE	12.46	75	1461379	45.62	PPBV	90
48) 1,1,2-TRICHLOROETHANE	12.64	83	1215641	45.15	PPBV	98
50) 2-HEXANONE	13.17	43	2019419	45.03	PPBV	92
51) TETRACHLOROETHYLENE	14.02	164	2374251	52.35	PPBV	98
52) DIBROMOCHLOROMETHANE	13.34	129	3755491	47.83	PPBV	99
53) 1,2-DIBROMOETHANE	13.59	107	2384552	47.15	PPBV	97
54) CHLOROBENZENE	14.73	112	3294199	46.32	PPBV	99
55) ETHYLBENZENE	15.11	91	5737144	47.20	PPBV	99
56) m,p-XYLENE	15.30	106	5133031	98.87	PPBV	94
57) o-XYLENE	15.80	106	2943657	49.86	PPBV	100
58) STYRENE	15.69	104	3376724	48.93	PPBV	100
59) NONANE	15.99	43	2902918	43.95	PPBV	98
60) BROMOFORM	15.42	173	4036210	50.90	PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.81	83	4248311	47.83	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	8384819	49.24	PPBV	99
64) 2-CHLOROTOLUENE	17.00	91	5890638	49.33	PPBV	96
65) 4-ETHYLTOLUENE	17.18	105	7465356m	51.07	PPBV	
66) 1,3,5-TRIMETHYLBENZENE	17.27	105	7476685	50.90	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.74	105	7239573	51.52	PPBV	96
68) m-DICHLOROBENZENE	17.92	146	5068381	53.47	PPBV	97
69) BENZYL CHLORIDE	17.90	91	3918408	51.40	PPBV	96
70) p-DICHLOROBENZENE	18.00	146	4448719	52.86	PPBV	97
71) o-DICHLOROBENZENE	18.38	146	4632512	53.88	PPBV	98
72) HEXACHLOROBUTADIENE	20.77	225	2726591	59.73	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.28	180	1027260	55.30	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9929.D
Acq On : 5 Apr 2007 12:58 pm
Operator : PhilipB
Sample : IC513-40 (M014)
Misc : MS13316, MSJ513,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 05 17:22:24 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 13:48:01 2007
Response via : Initial Calibration

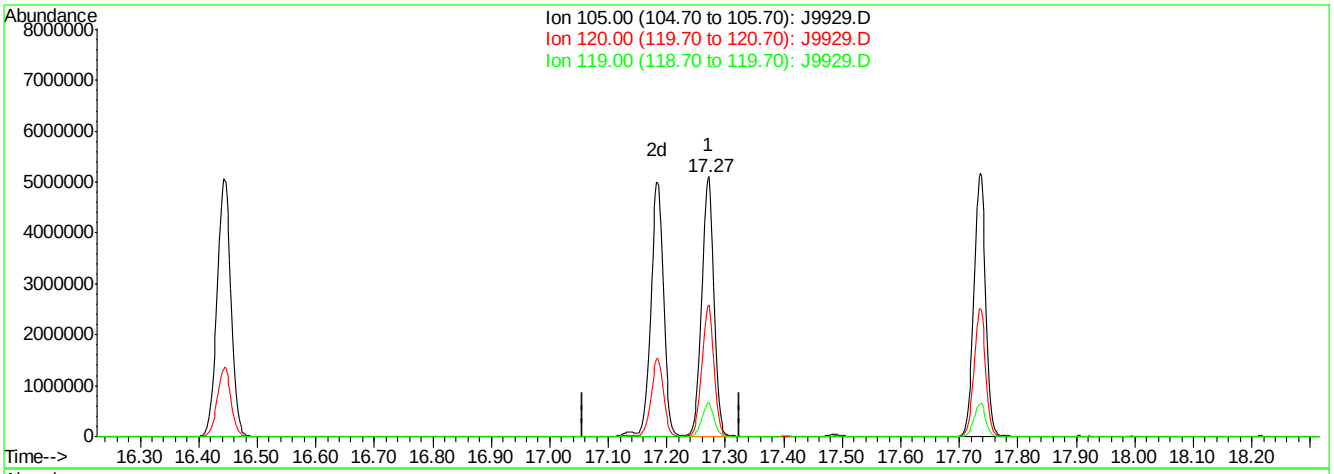


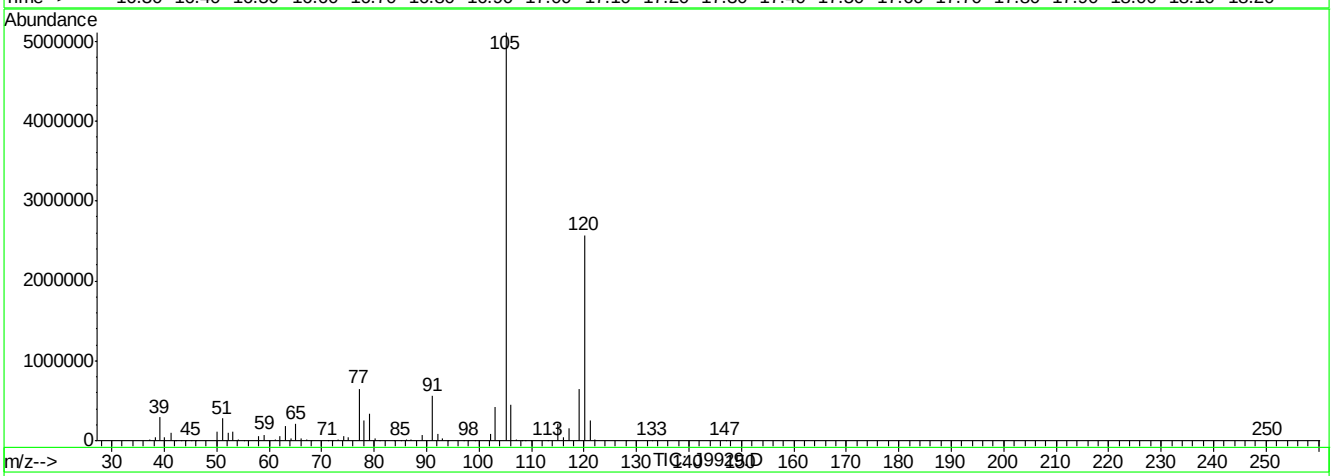
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9929.D Vial: 2
Acq On : 5 Apr 2007 12:58 pm Operator: PhilipB
Sample : IC513-40 (M014) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 13:42:56 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 13:42:51 2007
Response via : Multiple Level Calibration





(65) 4-ETHYLTOLUENE (m)

17.27min 84.93PPBV

response 7426589

Ion	Exp%	Act%
105.00	100	100
120.00	44.20	50.17
119.00	11.40	12.89
0.00	0.00	0.00

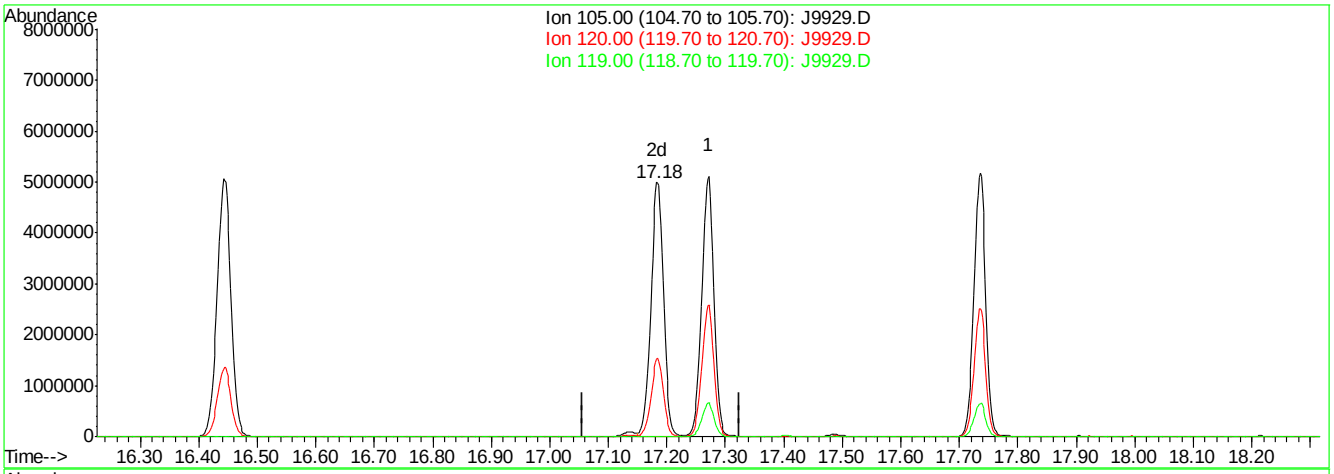
J9929.D J040407T.M Thu Apr 05 13:43:37 2007

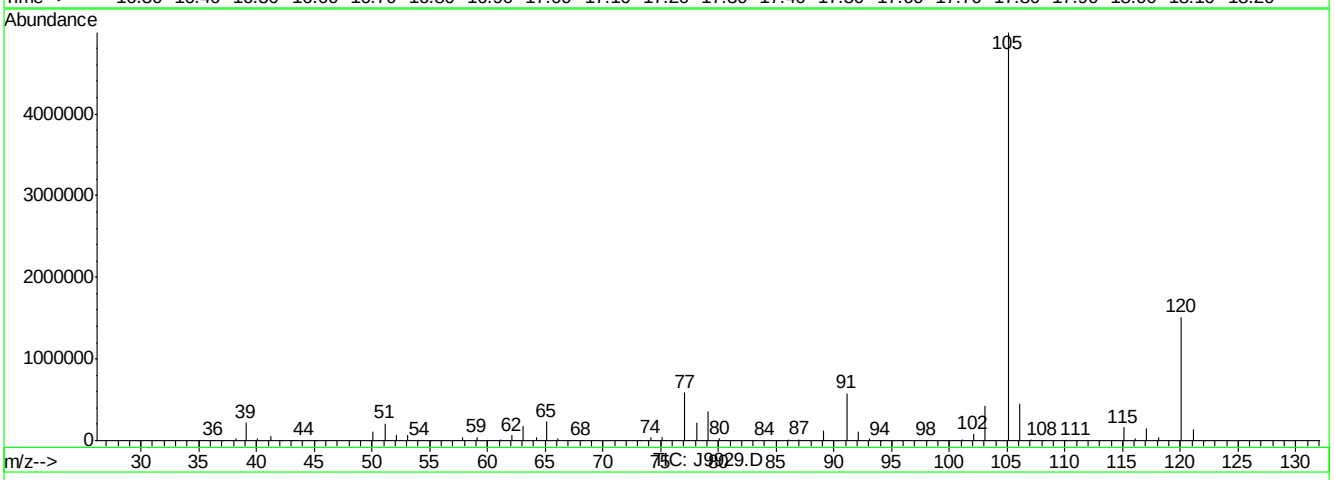
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9929.D Vial: 2
Acq On : 5 Apr 2007 12:58 pm Operator: PhilipB
Sample : IC513-40 (M014) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 13:42:56 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 13:42:51 2007
Response via : Multiple Level Calibration





(65) 4-ETHYLTOLUENE (m)

17.18min 85.30PPBV m

response 7458847

Ion	Exp%	Act%
105.00	100	100
120.00	44.20	49.96
119.00	11.40	12.83
0.00	0.00	0.00

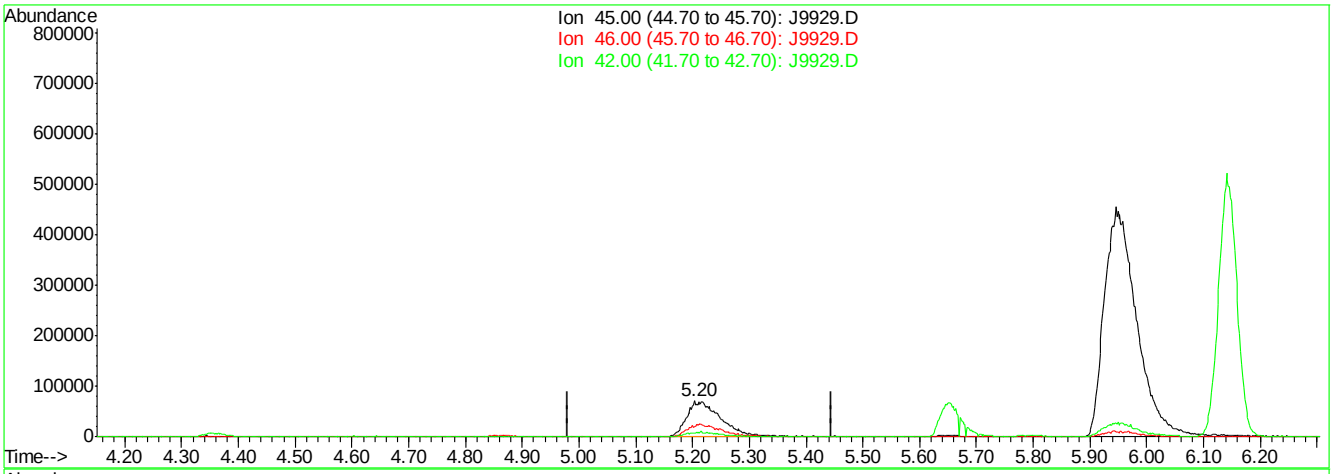
J9929.D J040407T.M Thu Apr 05 13:43:45 2007

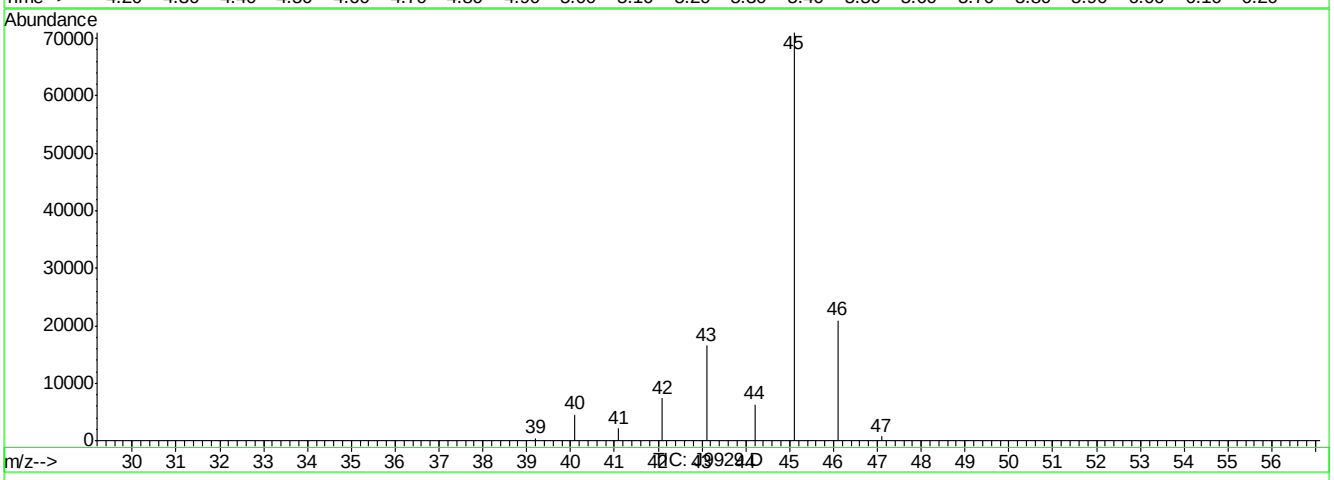
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9929.D Vial: 2
Acq On : 5 Apr 2007 12:58 pm Operator: PhilipB
Sample : IC513-40 (M014) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 14:43:33 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 17:21:25 2007
Response via : Multiple Level Calibration





(16) ETHANOL (m)

5.20min 40.85PPBV

response 279528

Ion	Exp%	Act%
45.00	100	100
46.00	33.00	17.32
42.00	1.50	11.81
0.00	0.00	0.00

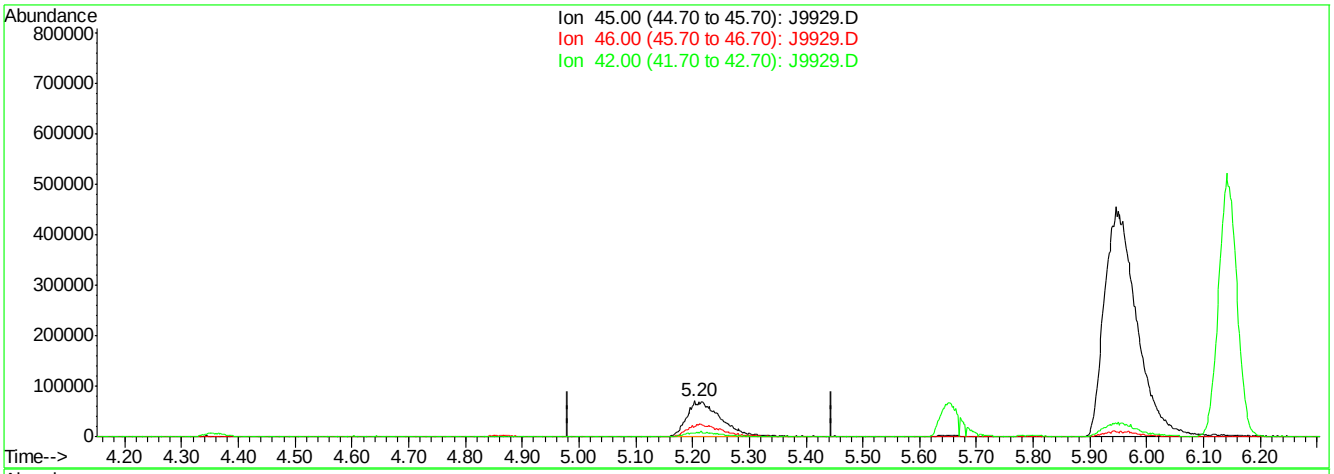
J9929.D J040507T.M Thu Apr 05 17:22:23 2007

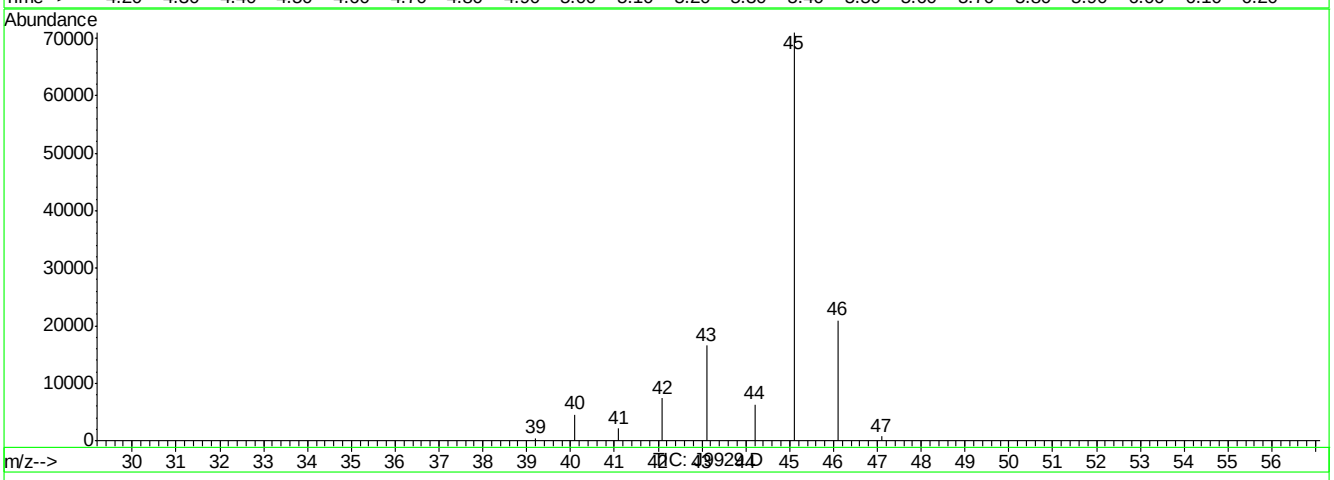
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9929.D Vial: 2
Acq On : 5 Apr 2007 12:58 pm Operator: PhilipB
Sample : IC513-40 (M014) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 14:43:33 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 17:21:25 2007
Response via : Multiple Level Calibration





(16) ETHANOL (m)

5.20min 42.19PPBV m

response 288725

Ion	Exp%	Act%
45.00	100	100
46.00	33.00	16.77
42.00	1.50	11.43
0.00	0.00	0.00

J9929.D J040507T.M Thu Apr 05 17:22:28 2007

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9930.D
Acq On : 5 Apr 2007 1:44 pm
Operator : PhilipB
Sample : IC513-20 (M014)
Misc : MS13316, MSJ513,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 05 14:44:27 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 13:48:01 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	565791	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.45	114	1377948	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.68	117	1129644	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.30	95	403790	5.03	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 100.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	2545431	20.64	PPBV	99
3) PROPYLENE	3.99	41	406343	20.99	PPBV	94
4) FREON 114	4.32	85	2206387	21.11	PPBV	96
5) CHLOROMETHANE	4.23	50	547480	21.60	PPBV	97
6) VINYL CHLORIDE	4.45	62	622520	21.46	PPBV	94
7) 1,3-BUTADIENE	4.59	39	536504	20.66	PPBV	92
8) BROMOMETHANE	4.85	94	685530	21.21	PPBV	98
9) CHLOROETHANE	5.03	64	289237	22.46	PPBV	97
10) TRICHLOROFLUOROMETHANE	5.80	101	2774607	20.25	PPBV	100
11) ISOPROPYL ALCOHOL	5.92	45	926642	22.68	PPBV	95
12) ACETONE	5.64	43	901531	22.01	PPBV	94
13) PENTANE	6.14	42	596743	20.99	PPBV	97
14) 1,1-DICHLOROETHYLENE	6.43	96	701184	21.07	PPBV	98
15) CARBON DISULFIDE	6.85	76	2051755	20.61	PPBV	98
16) ETHANOL	5.19	45	147274	22.47	PPBV	98
17) BROMOETHENE	5.39	106	693615	21.24	PPBV #	98
18) METHYLENE CHLORIDE	6.55	84	647256	20.89	PPBV	98
19) 3-CHLOROPROPENE	6.66	39	646598	20.32	PPBV	94
20) FREON 113	6.79	151	1602461	20.38	PPBV	96
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	773182	20.68	PPBV	98
22) TERTIARY BUTYL ALCOHOL	6.53	59	1283760	22.27	PPBV	82
23) METHYL TERTIARY BUTYL ETHE	7.73	73	1726792	21.66	PPBV	97
24) TETRAHYDROFURAN	9.18	42	490177	21.68	PPBV	92
25) HEXANE	8.64	57	865448	20.16	PPBV	94
26) VINYL ACETATE	7.80	43	1086700	21.64	PPBV	99
27) 1,1-DICHLOROETHANE	7.66	63	1317968	20.78	PPBV	99
28) METHYL ETHYL KETONE	8.07	43	1025862	21.50	PPBV	98
29) cis-1,2-DICHLOROETHYLENE	8.46	96	851768	20.69	PPBV	96
30) ETHYL ACETATE	8.69	43	1114738	21.45	PPBV	100
31) CHLOROFORM	8.75	83	2164981	20.25	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.69	97	1819873	19.88	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	2290906	19.80	PPBV	99
34) 1,2-DICHLOROETHANE	9.46	62	946323	20.90	PPBV	98
36) BENZENE	10.13	78	1366471	20.30	PPBV	97
37) CYCLOHEXANE	10.38	84	640935	20.14	PPBV	96
38) TRICHLOROETHYLENE	11.12	95	869054	19.53	PPBV	96
39) 1,2-DICHLOROPROPANE	10.90	63	481882	20.15	PPBV	97
40) BROMODICHLOROMETHANE	11.10	83	1588291	20.19	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	2624512	19.76	PPBV	99
42) 1,4-DIOXANE	11.17	88	257021	22.03	PPBV	97
43) HEPTANE	11.36	43	823279	20.23	PPBV	94

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9930.D
Acq On : 5 Apr 2007 1:44 pm
Operator : PhilipB
Sample : IC513-20 (M014)
Misc : MS13316, MSJ513,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 05 14:44:27 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 13:48:01 2007
Response via : Initial Calibration

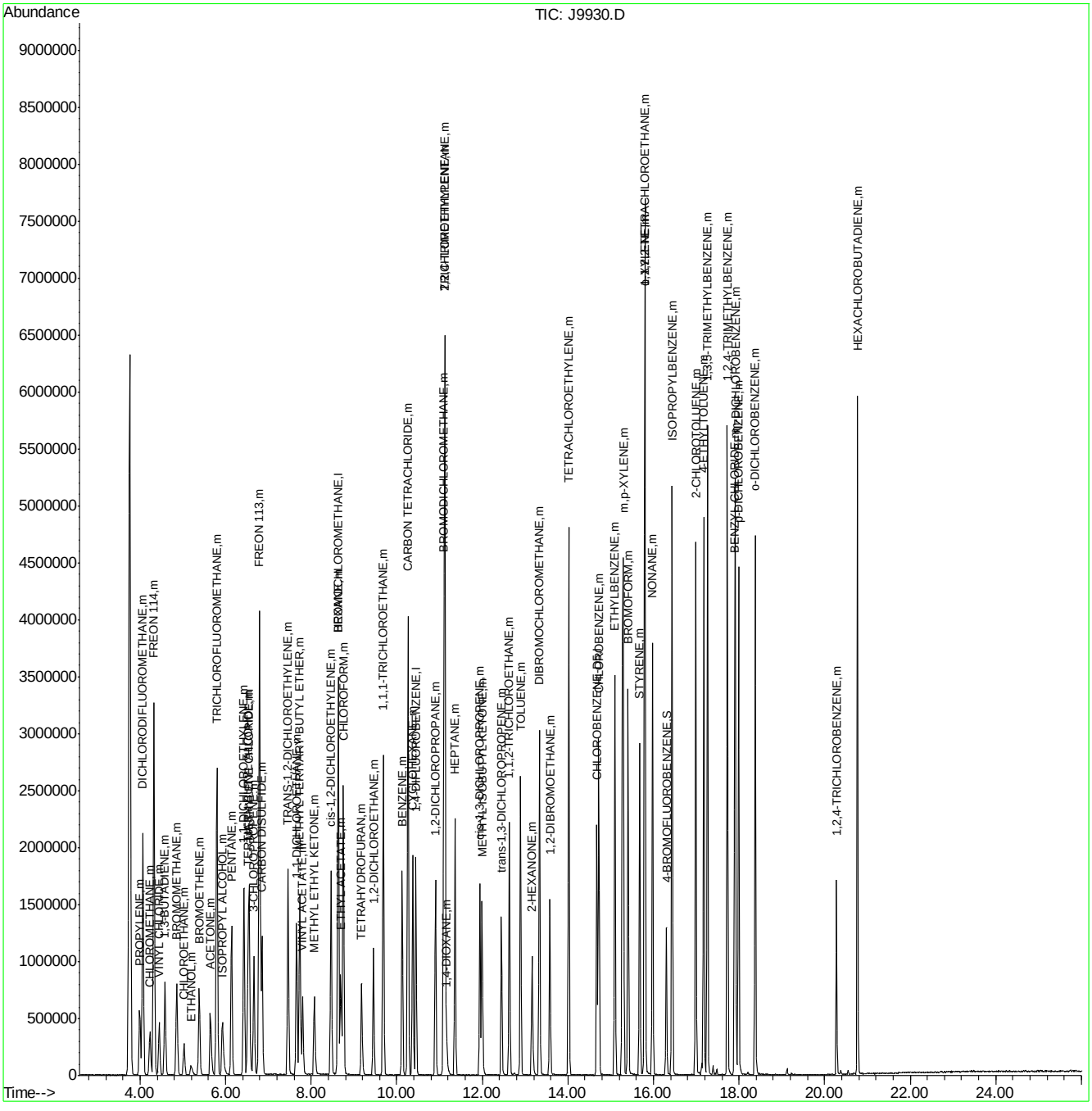
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.99	43	1156877	21.39 PPBV	93
45) cis-1,3-DICHLOROPROPENE	11.94	75	775941	20.83 PPBV	89
46) TOLUENE	12.89	92	984030	19.58 PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.45	75	665963	21.18 PPBV	90
48) 1,1,2-TRICHLOROETHANE	12.63	83	546340	20.67 PPBV	99
50) 2-HEXANONE	13.16	43	934188	21.69 PPBV	91
51) TETRACHLOROETHYLENE	14.02	164	828028	19.01 PPBV	96
52) DIBROMOCHLOROMETHANE	13.33	129	1555150	20.63 PPBV	100
53) 1,2-DIBROMOETHANE	13.58	107	1016866	20.94 PPBV	98
54) CHLOROBENZENE	14.73	112	1415893	20.73 PPBV	99
55) ETHYLBENZENE	15.10	91	2377276	20.37 PPBV	98
56) m,p-XYLENE	15.29	106	1998777	40.09 PPBV	92
57) o-XYLENE	15.79	106	1159301	20.45 PPBV	96
58) STYRENE	15.68	104	1348166	20.34 PPBV	98
59) NONANE	15.98	43	1326618	20.91 PPBV	98
60) BROMOFORM	15.41	173	1535019	20.16 PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.80	83	1759310	20.63 PPBV	99
63) ISOPROPYLBENZENE	16.43	105	3349628	20.48 PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	2353468	20.52 PPBV	98
65) 4-ETHYLTOLUENE	17.18	105	2869109	20.44 PPBV #	76
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	2907651	20.62 PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	2752885	20.40 PPBV	97
68) m-DICHLOROBENZENE	17.91	146	1781375	19.57 PPBV	99
69) BENZYL CHLORIDE	17.89	91	1492042	20.38 PPBV	99
70) p-DICHLOROBENZENE	17.99	146	1595467	19.74 PPBV	96
71) o-DICHLOROBENZENE	18.38	146	1621719	19.64 PPBV	99
72) HEXACHLOROBUTADIENE	20.77	225	749085	17.09 PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.28	180	350570	19.65 PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9930.D
Acq On : 5 Apr 2007 1:44 pm
Operator : PhilipB
Sample : IC513-20 (M014)
Misc : MS13316, MSJ513,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 05 14:44:27 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 13:48:01 2007
Response via : Initial Calibration



ACCUTEST Laboratories M64701

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 04/06/07 12:03

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9931.D
Acq On : 5 Apr 2007 2:31 pm
Operator : PhilipB
Sample : IC513-5 (M014)
Misc : MS13316, MSJ513,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 05 15:04:46 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 14:44:42 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	529798	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1319486	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1061226	10.00	PPBV	0.00

System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.29	95	314004	4.16	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 83.20%			

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	593418	5.08	PPBV	98
3) PROPYLENE	4.00	41	100133	5.43	PPBV	96
4) FREON 114	4.32	85	507775	5.09	PPBV	92
5) CHLOROMETHANE	4.23	50	135200	5.55	PPBV	95
6) VINYL CHLORIDE	4.45	62	150083	5.39	PPBV	94
7) 1,3-BUTADIENE	4.58	39	130585	5.31	PPBV	88
8) BROMOMETHANE	4.85	94	155582	5.04	PPBV	98
9) CHLOROETHANE	5.03	64	62491	4.98	PPBV	96
10) TRICHLOROFLUOROMETHANE	5.80	101	624393	4.85	PPBV	98
11) ISOPROPYL ALCOHOL	5.92	45	172397	4.31	PPBV	90
12) ACETONE	5.66	43	187263	4.72	PPBV	95
13) PENTANE	6.14	42	142683	5.27	PPBV	96
14) 1,1-DICHLOROETHYLENE	6.43	96	147778	4.66	PPBV	91
15) CARBON DISULFIDE	6.85	76	469958	4.99	PPBV	95
16) ETHANOL	5.19	45	30991m	4.85	PPBV	
17) BROMOETHENE	5.39	106	146079	4.68	PPBV #	97
18) METHYLENE CHLORIDE	6.55	84	141768	4.82	PPBV	94
19) 3-CHLOROPROPENE	6.66	39	136208	4.55	PPBV	91
20) FREON 113	6.80	151	309942	4.18	PPBV	96
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	164848	4.66	PPBV	98
22) TERTIARY BUTYL ALCOHOL	6.52	59	227550	4.06	PPBV #	74
23) METHYL TERTIARY BUTYL ETHE	7.74	73	333034	4.34	PPBV	97
24) TETRAHYDROFURAN	9.19	42	93949	4.32	PPBV	89
25) HEXANE	8.64	57	195253	4.84	PPBV	92
26) VINYL ACETATE	7.80	43	209308	4.33	PPBV	97
27) 1,1-DICHLOROETHANE	7.66	63	285351	4.74	PPBV	99
28) METHYL ETHYL KETONE	8.07	43	211303	4.61	PPBV	90
29) cis-1,2-DICHLOROETHYLENE	8.46	96	175716	4.51	PPBV	98
30) ETHYL ACETATE	8.69	43	226730	4.55	PPBV	100
31) CHLOROFORM	8.75	83	475030	4.72	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.68	97	350934	4.10	PPBV	96
33) CARBON TETRACHLORIDE	10.26	117	443268	4.10	PPBV	100
34) 1,2-DICHLOROETHANE	9.45	62	190226	4.42	PPBV	98
36) BENZENE	10.13	78	265293	4.09	PPBV	96
37) CYCLOHEXANE	10.37	84	128963	4.22	PPBV	90
38) TRICHLOROETHYLENE	11.12	95	152978	3.62	PPBV	94
39) 1,2-DICHLOROPROPANE	10.90	63	95114	4.14	PPBV	96
40) BROMODICHLOROMETHANE	11.09	83	291967	3.86	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	473584	3.74	PPBV	96
42) 1,4-DIOXANE	11.18	88	37830	3.28	PPBV	92
43) HEPTANE	11.36	43	164564	4.21	PPBV	92

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9931.D
Acq On : 5 Apr 2007 2:31 pm
Operator : PhilipB
Sample : IC513-5 (M014)
Misc : MS13316, MSJ513,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 05 15:04:46 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 14:44:42 2007
Response via : Initial Calibration

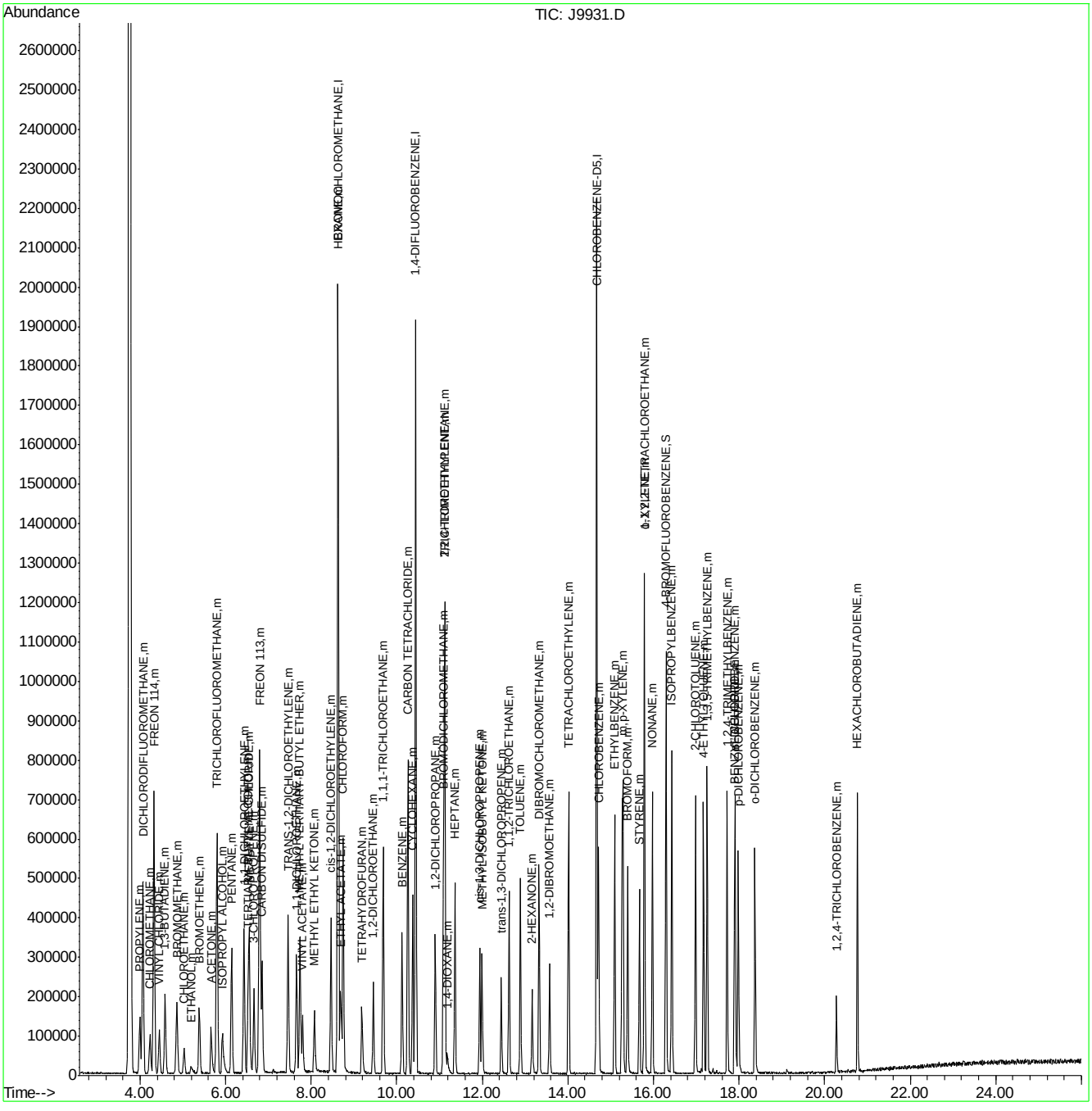
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.99	43	208520	3.94	PPBV	90
45) cis-1,3-DICHLOROPROPENE	11.94	75	136097	3.76	PPBV	87
46) TOLUENE	12.89	92	176179	3.69	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.44	75	108144	3.52	PPBV	86
48) 1,1,2-TRICHLOROETHANE	12.62	83	101508	3.97	PPBV	99
50) 2-HEXANONE	13.16	43	154431	3.71	PPBV	88
51) TETRACHLOROETHYLENE	14.01	164	123582	3.07	PPBV	94
52) DIBROMOCHLOROMETHANE	13.33	129	257031	3.59	PPBV	99
53) 1,2-DIBROMOETHANE	13.57	107	169089	3.65	PPBV	99
54) CHLOROBENZENE	14.72	112	250075	3.85	PPBV	96
55) ETHYLBENZENE	15.09	91	393132	3.56	PPBV	96
56) m,p-XYLENE	15.28	106	309185m	6.60	PPBV	
57) o-XYLENE	15.79	106	164194	3.06	PPBV	89
58) STYRENE	15.67	104	182770	2.92	PPBV	96
59) NONANE	15.97	43	243818	4.03	PPBV	92
60) BROMOFORM	15.40	173	214316	2.99	PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	273943	3.38	PPBV	99
63) ISOPROPYLBENZENE	16.42	105	480423	3.10	PPBV	97
64) 2-CHLOROTOLUENE	16.98	91	324205	2.98	PPBV	96
65) 4-ETHYLTOLUENE	17.17	105	356773	2.69	PPBV	75
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	371440	2.77	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	329860	2.58	PPBV	98
68) m-DICHLOROBENZENE	17.91	146	210075	2.47	PPBV	97
69) BENZYL CHLORIDE	17.89	91	174537	2.52	PPBV	98
70) p-DICHLOROBENZENE	17.98	146	191179	2.53	PPBV	96
71) o-DICHLOROBENZENE	18.37	146	182735	2.37	PPBV	97
72) HEXACHLOROBUTADIENE	20.77	225	81876	2.09	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.28	180	38500	2.31	PPBV	96

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9931.D
Acq On : 5 Apr 2007 2:31 pm
Operator : PhilipB
Sample : IC513-5 (M014)
Misc : MS13316, MSJ513,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 05 15:04:46 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 14:44:42 2007
Response via : Initial Calibration

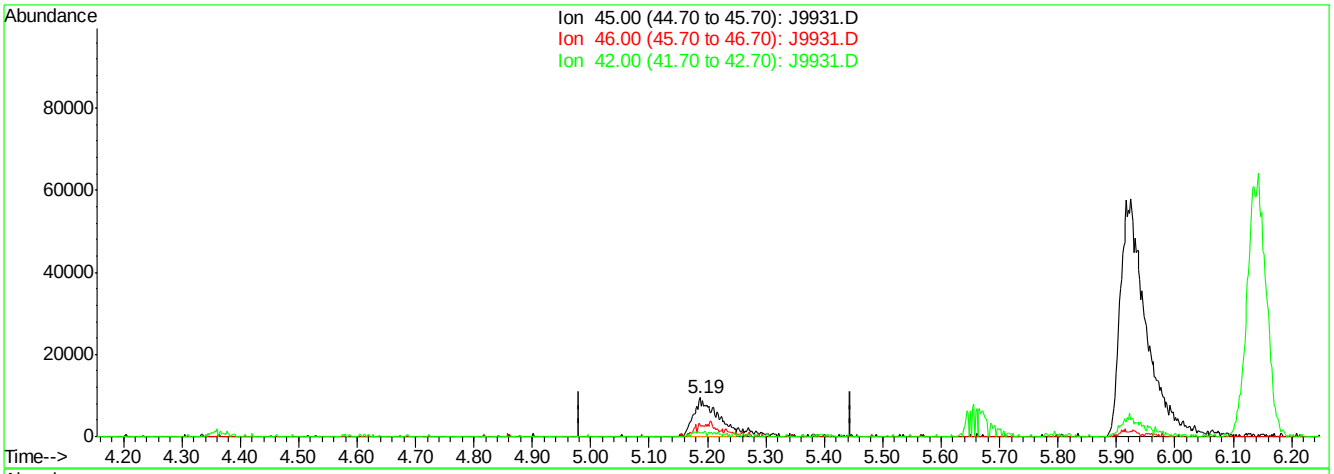


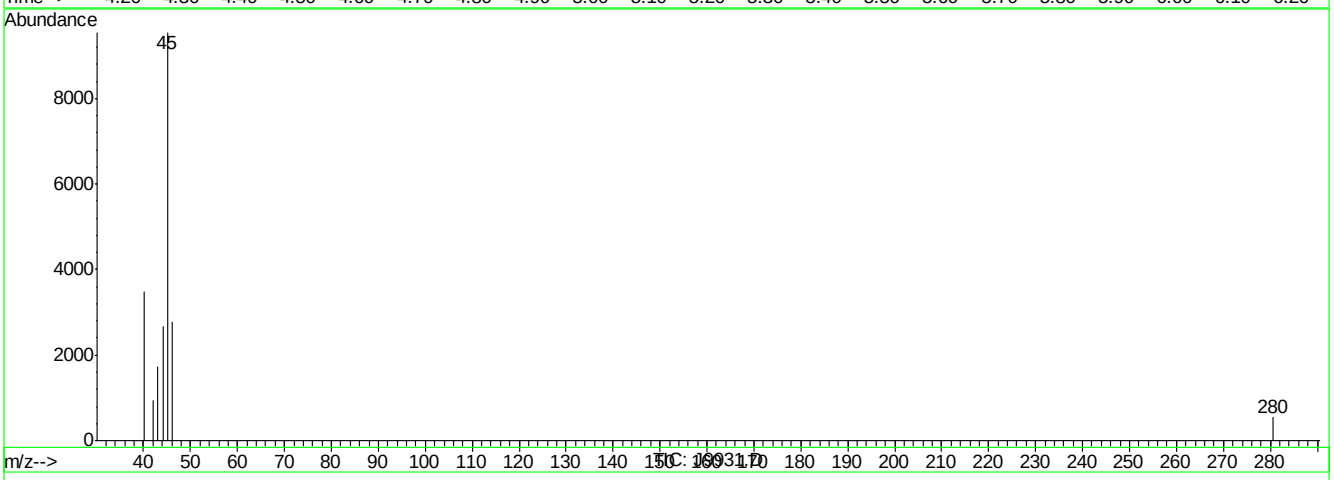
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9931.D Vial: 2
Acq On : 5 Apr 2007 2:31 pm Operator: PhilipB
Sample : IC513-5 (M014) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 15:04:04 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 14:44:42 2007
Response via : Multiple Level Calibration





(16) ETHANOL (m)

5.19min 4.09PPBV

response 26158

Ion	Exp%	Act%
45.00	100	100
46.00	33.00	12.41#
42.00	1.50	5.51
0.00	0.00	0.00

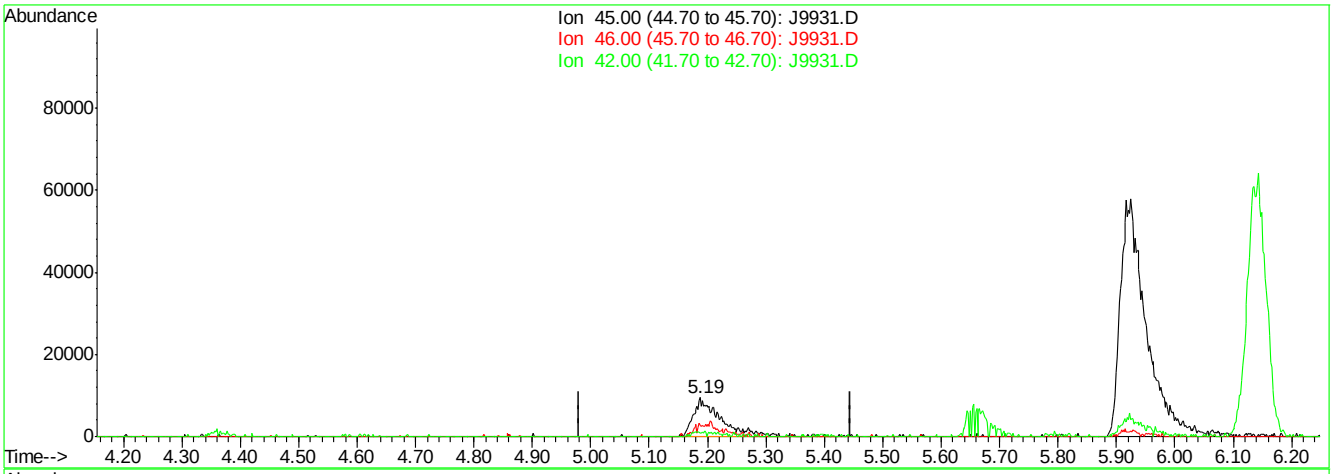
J9931.D J040407T.M Thu Apr 05 15:04:20 2007

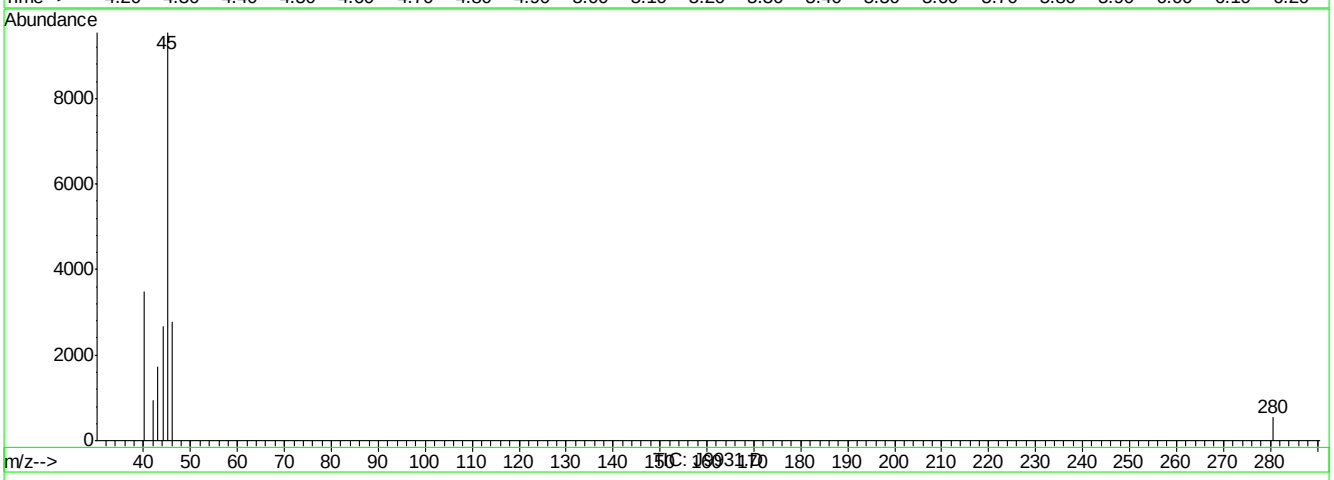
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9931.D Vial: 2
Acq On : 5 Apr 2007 2:31 pm Operator: PhilipB
Sample : IC513-5 (M014) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 15:04:04 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 14:44:42 2007
Response via : Multiple Level Calibration





(16) ETHANOL (m)

5.19min 4.85PPBV m

response 30991

Ion	Exp%	Act%
45.00	100	100
46.00	33.00	10.48#
42.00	1.50	4.65
0.00	0.00	0.00

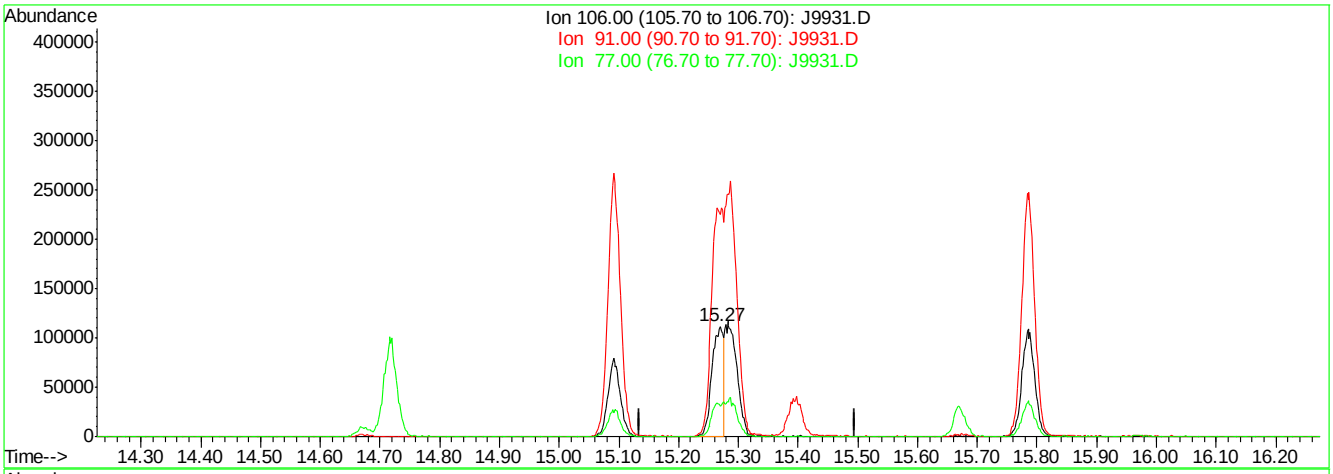
J9931.D J040407T.M Thu Apr 05 15:04:23 2007

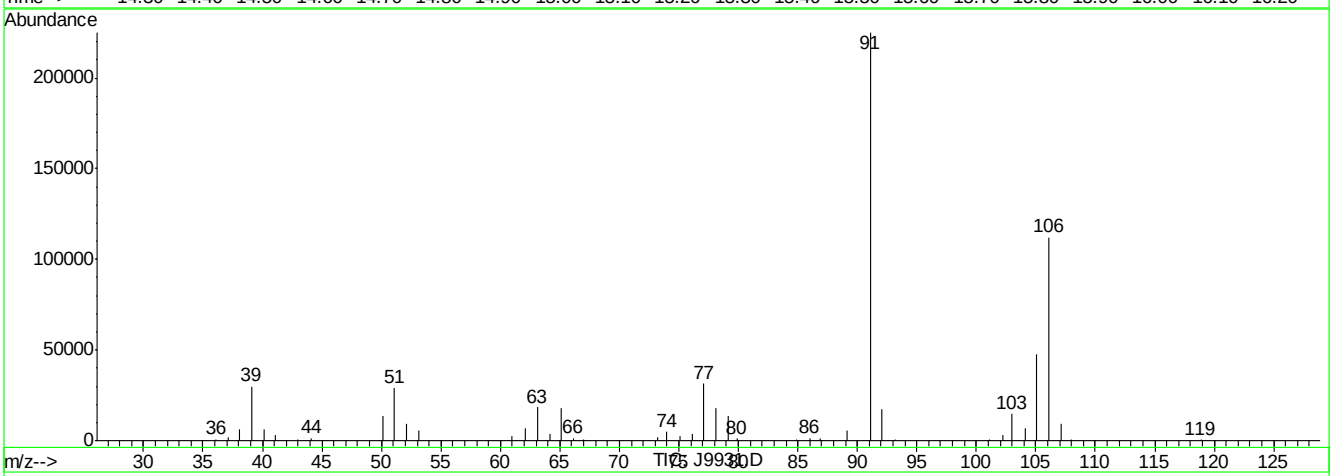
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9931.D Vial: 2
Acq On : 5 Apr 2007 2:31 pm Operator: PhilipB
Sample : IC513-5 (M014) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 15:04:04 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 14:44:42 2007
Response via : Multiple Level Calibration





(56) m,p-XYLENE (m)

15.27min 3.06PPBV

response 143244

Ion	Exp%	Act%
106.00	100	100
91.00	191.80	201.07
77.00	27.10	27.91
0.00	0.00	0.00

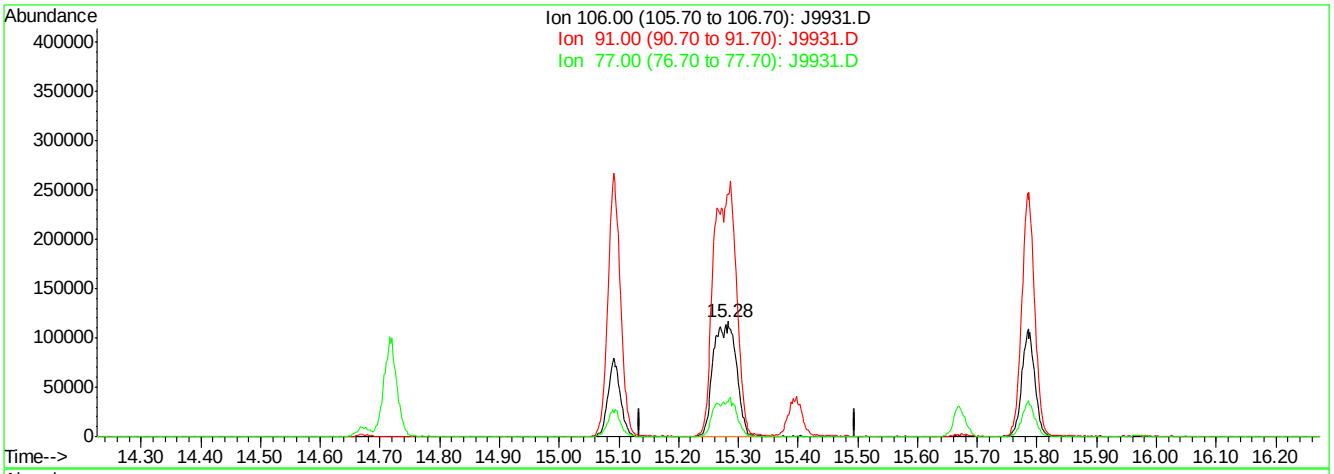
J9931.D J040407T.M Thu Apr 05 15:04:45 2007

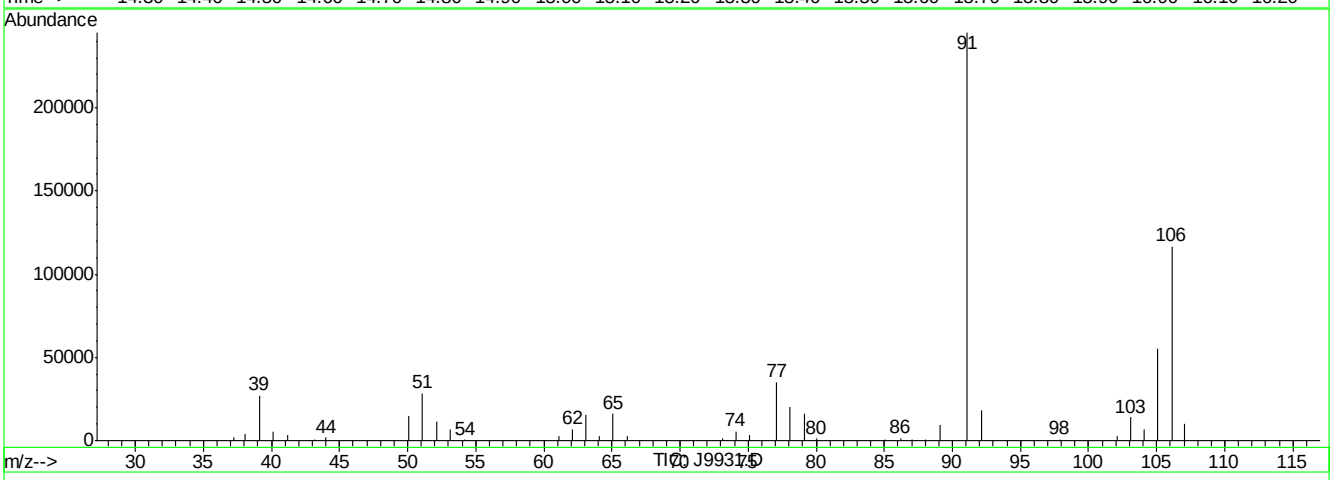
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9931.D Vial: 2
Acq On : 5 Apr 2007 2:31 pm Operator: PhilipB
Sample : IC513-5 (M014) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 15:04:04 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 14:44:42 2007
Response via : Multiple Level Calibration





(56) m,p-XYLENE (m)

15.28min 6.60PPBV m

response 309185

Ion	Exp%	Act%
106.00	100	100
91.00	191.80	210.03
77.00	27.10	30.08
0.00	0.00	0.00

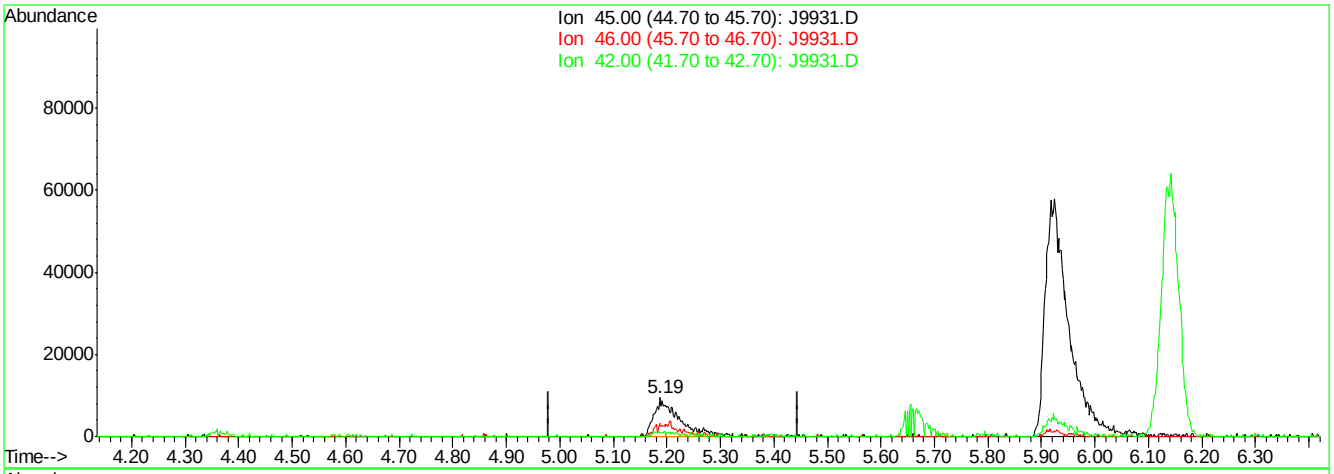
J9931.D J040407T.M Thu Apr 05 15:04:48 2007

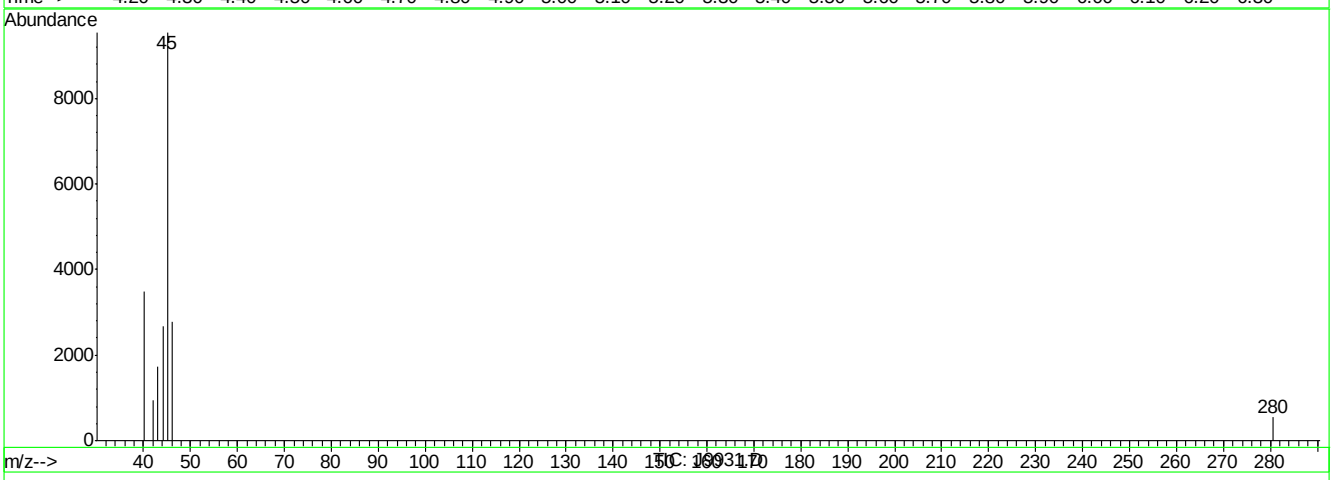
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9931.D Vial: 2
Acq On : 5 Apr 2007 2:31 pm Operator: PhilipB
Sample : IC513-5 (M014) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 15:04:46 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 17:19:23 2007
Response via : Multiple Level Calibration





(16) ETHANOL (m)

5.19min 4.85PPBV m

response 30991

Ion	Exp%	Act%
45.00	100	100
46.00	33.00	10.48#
42.00	1.50	4.65
0.00	0.00	0.00

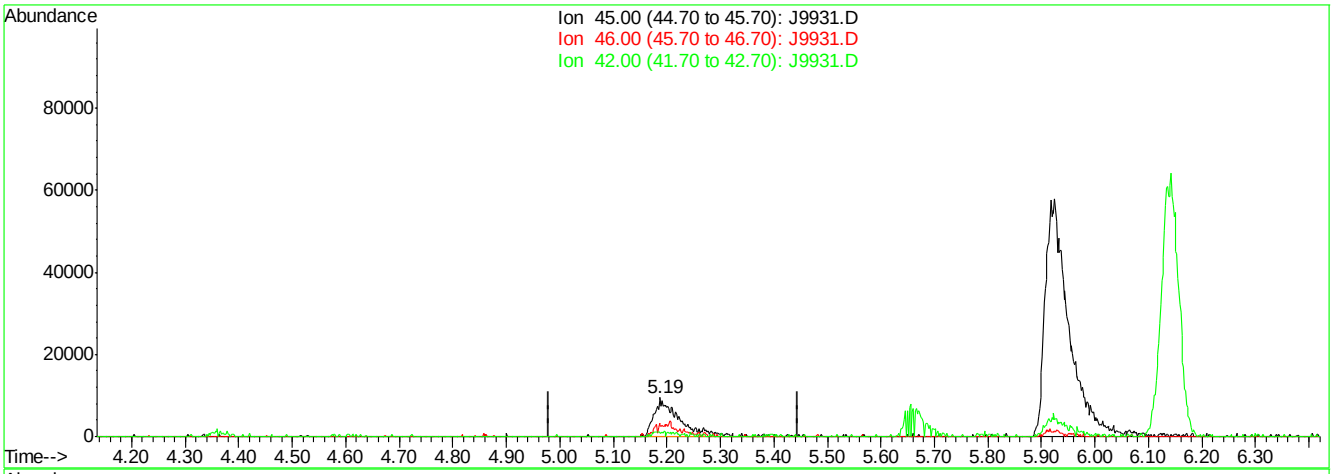
J9931.D J040507T.M Thu Apr 05 17:21:07 2007

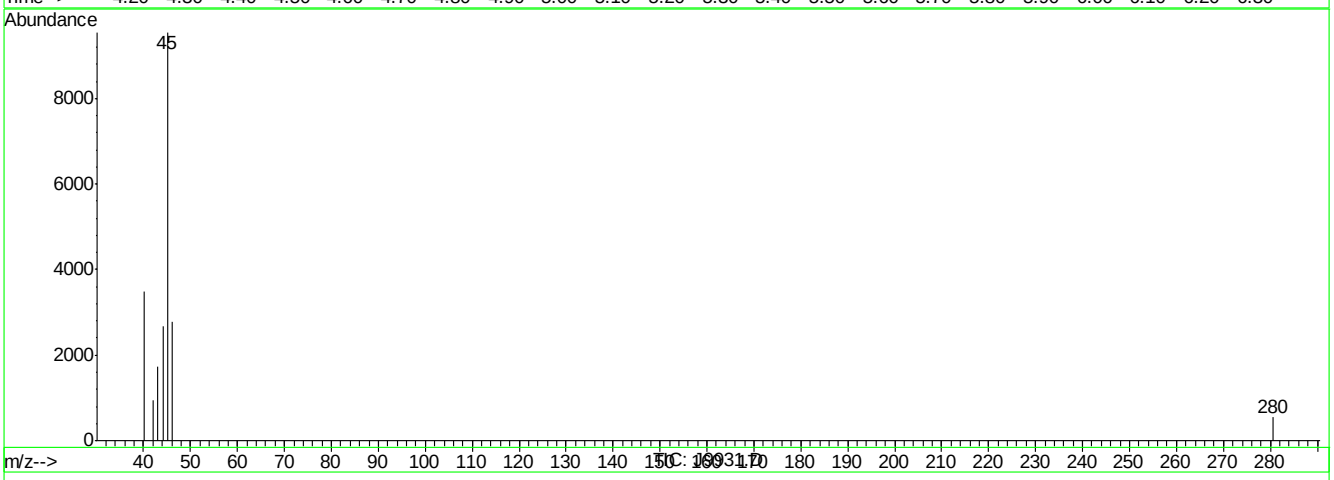
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9931.D Vial: 2
Acq On : 5 Apr 2007 2:31 pm Operator: PhilipB
Sample : IC513-5 (M014) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 15:04:46 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 17:19:23 2007
Response via : Multiple Level Calibration





(16) ETHANOL (m)

5.19min 4.88PPBV m

response 31179

Ion	Exp%	Act%
45.00	100	100
46.00	33.00	10.41#
42.00	1.50	4.62
0.00	0.00	0.00

J9931.D J040507T.M Thu Apr 05 17:21:20 2007

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 04/06/07 12:03

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9932.D
Acq On : 5 Apr 2007 3:17 pm
Operator : PhilipB
Sample : IC513-2 (M024)
Misc : MS13316, MSJ513,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 05 15:53:22 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 15:05:12 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.61	128	441731	10.00	PPBV	-0.02
35) 1,4-DIFLUOROBENZENE	10.43	114	1006876	10.00	PPBV	-0.02
49) CHLOROBENZENE-D5	14.66	117	802111	10.00	PPBV	-0.01

System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.29	95	224365	4.10	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 82.00%			

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	225290	2.31	PPBV	98
3) PROPYLENE	4.00	41	36625	2.33	PPBV	93
4) FREON 114	4.33	85	187941	2.25	PPBV	91
5) CHLOROMETHANE	4.23	50	52823	2.53	PPBV	98
6) VINYL CHLORIDE	4.45	62	54447	2.30	PPBV	81
7) 1,3-BUTADIENE	4.58	39	46595	2.24	PPBV	86
8) BROMOMETHANE	4.85	94	58564	2.27	PPBV	97
9) CHLOROETHANE	5.02	64	27057	2.59	PPBV	95
10) TRICHLOROFLUOROMETHANE	5.79	101	238855	2.24	PPBV	100
11) ISOPROPYL ALCOHOL	5.91	45	136359	4.24	PPBV	74
12) ACETONE	5.65	43	142309	4.37	PPBV	95
13) PENTANE	6.13	42	56469	2.47	PPBV	96
14) 1,1-DICHLOROETHYLENE	6.42	96	56889	2.19	PPBV	91
15) CARBON DISULFIDE	6.84	76	183843	2.34	PPBV	90
16) ETHANOL	5.18	45	30563	5.78	PPBV #	44
17) BROMOETHENE	5.37	106	52660	2.06	PPBV #	96
18) METHYLENE CHLORIDE	6.53	84	77631	3.19	PPBV	91
19) 3-CHLOROPROPENE	6.64	39	58228	2.39	PPBV	86
20) FREON 113	6.77	151	122876	2.07	PPBV	92
21) TRANS-1,2-DICHLOROETHYLENE	7.44	96	61693	2.13	PPBV	93
22) TERTIARY BUTYL ALCOHOL	6.51	59	105409	2.37	PPBV	89
23) METHYL TERTIARY BUTYL ETHE	7.73	73	146451	2.37	PPBV	94
24) TETRAHYDROFURAN	9.17	42	42619	2.43	PPBV	87
25) HEXANE	8.62	57	90679	2.72	PPBV	86
26) VINYL ACETATE	7.78	43	97481	2.50	PPBV	91
27) 1,1-DICHLOROETHANE	7.64	63	123517	2.49	PPBV	100
28) METHYL ETHYL KETONE	8.06	43	132305	3.53	PPBV	88
29) cis-1,2-DICHLOROETHYLENE	8.45	96	70580	2.23	PPBV	98
30) ETHYL ACETATE	8.67	43	122606	3.02	PPBV	97
31) CHLOROFORM	8.73	83	205834	2.49	PPBV	100
32) 1,1,1-TRICHLOROETHANE	9.67	97	157232	2.31	PPBV	96
33) CARBON TETRACHLORIDE	10.24	117	182420	2.12	PPBV	99
34) 1,2-DICHLOROETHANE	9.43	62	79025	2.27	PPBV	97
36) BENZENE	10.11	78	115381	2.44	PPBV	97
37) CYCLOHEXANE	10.36	84	47209	2.11	PPBV	91
38) TRICHLOROETHYLENE	11.10	95	58744	1.96	PPBV	93
39) 1,2-DICHLOROPROPANE	10.88	63	42013	2.51	PPBV	97
40) BROMODICHLOROMETHANE	11.08	83	120687	2.22	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.11	57	212708	2.35	PPBV	94
42) 1,4-DIOXANE	11.17	88	24898	3.09	PPBV	91
43) HEPTANE	11.35	43	67046	2.34	PPBV	92

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9932.D
Acq On : 5 Apr 2007 3:17 pm
Operator : PhilipB
Sample : IC513-2 (M024)
Misc : MS13316, MSJ513,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 05 15:53:22 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 15:05:12 2007
Response via : Initial Calibration

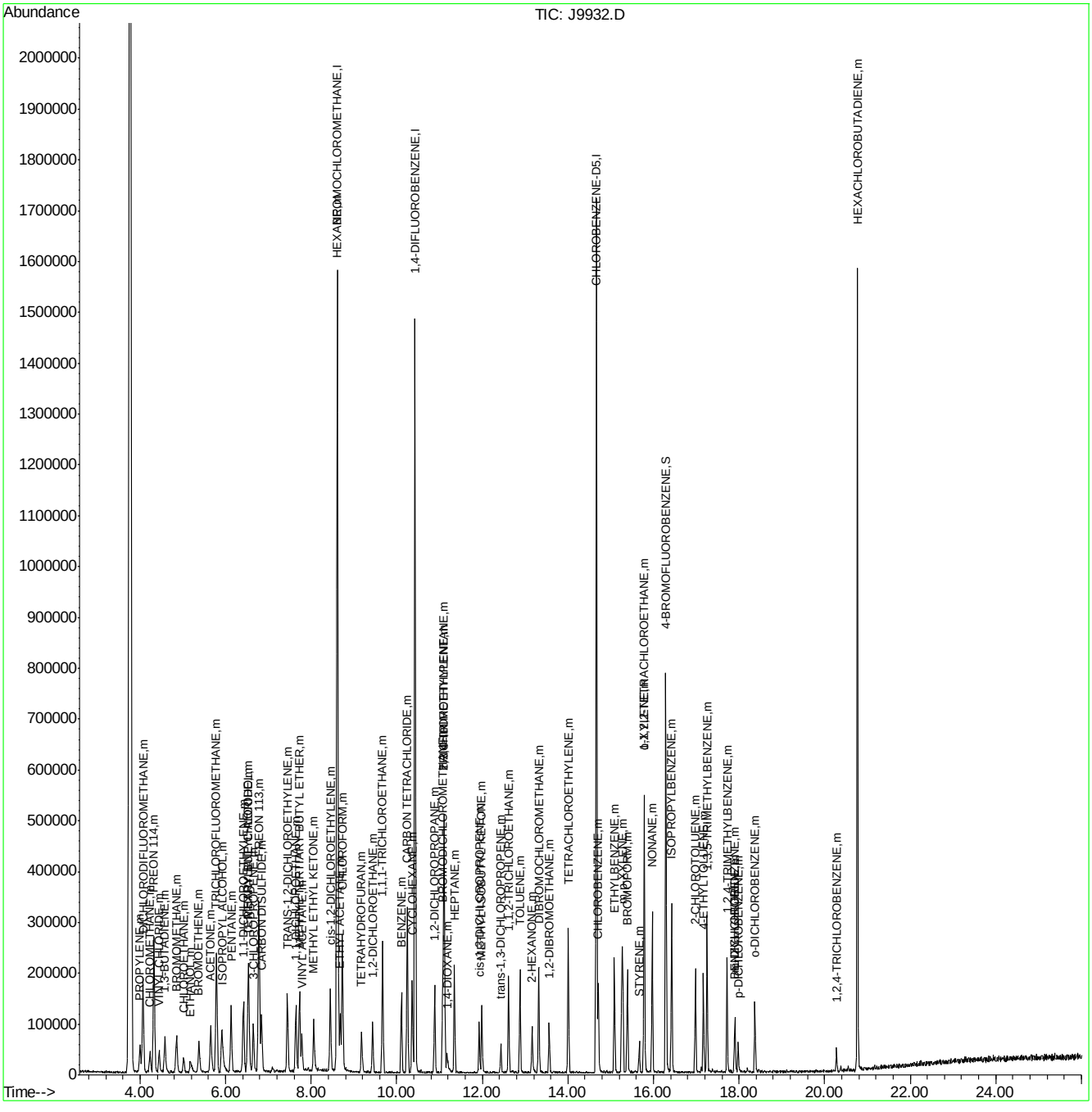
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.98	43	88268	2.31	PPBV	90
45) cis-1,3-DICHLOROPROPENE	11.93	75	41724	1.61	PPBV	87
46) TOLUENE	12.88	92	68342	2.01	PPBV	94
47) trans-1,3-DICHLOROPROPENE	12.43	75	25410	1.17	PPBV	83
48) 1,1,2-TRICHLOROETHANE	12.61	83	41465	2.24	PPBV	99
50) 2-HEXANONE	13.16	43	69433	2.36	PPBV	81
51) TETRACHLOROETHYLENE	14.01	164	47044	1.71	PPBV	92
52) DIBROMOCHLOROMETHANE	13.32	129	102834	2.05	PPBV	99
53) 1,2-DIBROMOETHANE	13.56	107	52767	1.62	PPBV	100
54) CHLOROBENZENE	14.71	112	76203	1.65	PPBV	94
55) ETHYLBENZENE	15.09	91	131501	1.70	PPBV	95
56) m,p-XYLENE	15.28	106	101232m	3.12	PPBV	
57) o-XYLENE	15.78	106	57128	1.56	PPBV	90
58) STYRENE	15.67	104	24189	0.57	PPBV	98
59) NONANE	15.97	43	99706	2.29	PPBV	92
60) BROMOFORM	15.39	173	81221	1.67	PPBV	95
62) 1,1,2,2-TETRACHLOROETHANE	15.78	83	134964	2.40	PPBV	96
63) ISOPROPYLBENZENE	16.42	105	180861	1.71	PPBV	95
64) 2-CHLOROTOLUENE	16.98	91	96401	1.31	PPBV	95
65) 4-ETHYLTOLUENE	17.17	105	91587	1.03	PPBV	76
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	137853	1.53	PPBV	96
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	96113	1.13	PPBV	98
68) m-DICHLOROBENZENE	17.90	146	31841	0.57	PPBV	98
69) BENZYL CHLORIDE	17.89	91	19517	0.43	PPBV	95
70) p-DICHLOROBENZENE	17.98	146	19939	0.40	PPBV	92
71) o-DICHLOROBENZENE	18.37	146	41328	0.82	PPBV	90
72) HEXACHLOROBUTADIENE	20.76	225	177921	7.03	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.28	180	10436	0.96	PPBV	96

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9932.D
Acq On : 5 Apr 2007 3:17 pm
Operator : PhilipB
Sample : IC513-2 (M024)
Misc : MS13316, MSJ513,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 05 15:53:22 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 15:05:12 2007
Response via : Initial Calibration



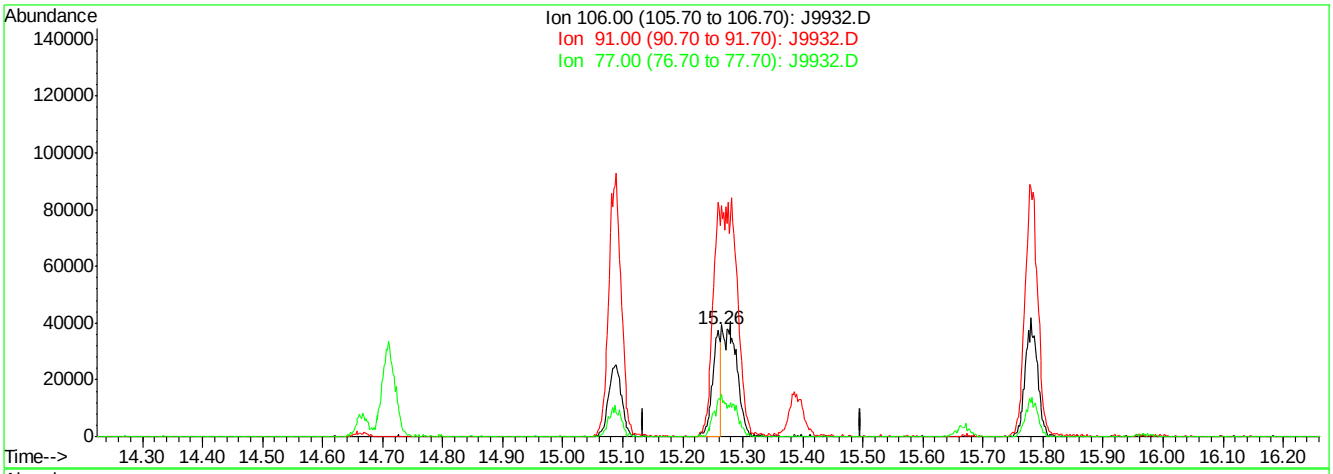
ACCUTEST Laboratories
M64701

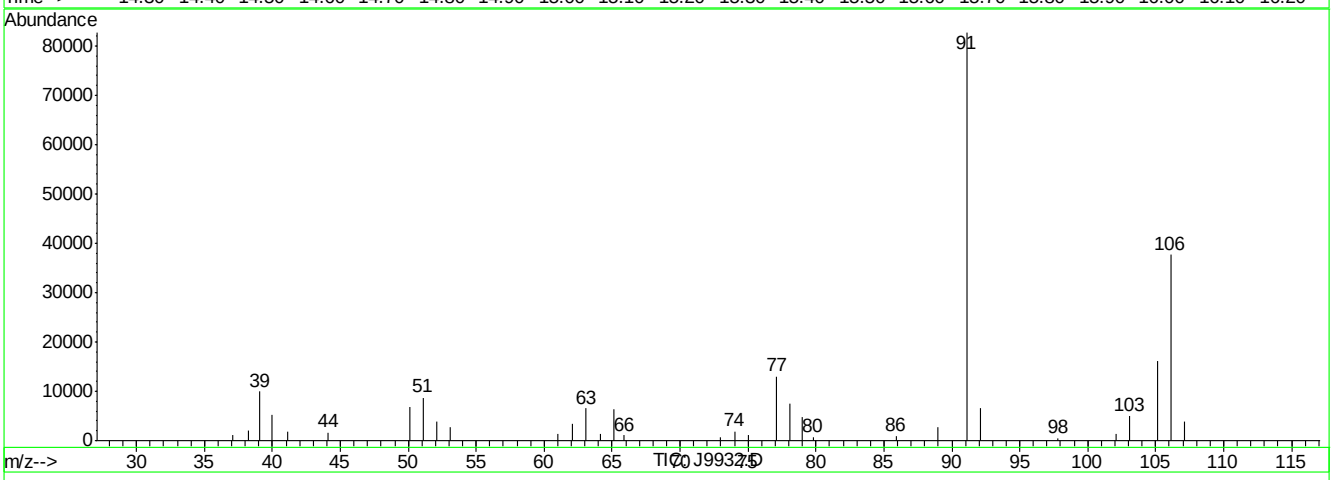
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9932.D Vial: 3
Acq On : 5 Apr 2007 3:17 pm Operator: PhilipB
Sample : IC513-2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 15:52:30 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:05:12 2007
Response via : Multiple Level Calibration





(56) m,p-XYLENE (m)

15.26min 1.02PPBV

response 33126

Ion	Exp%	Act%
106.00	100	100
91.00	191.80	219.79
77.00	27.10	34.58#
0.00	0.00	0.00

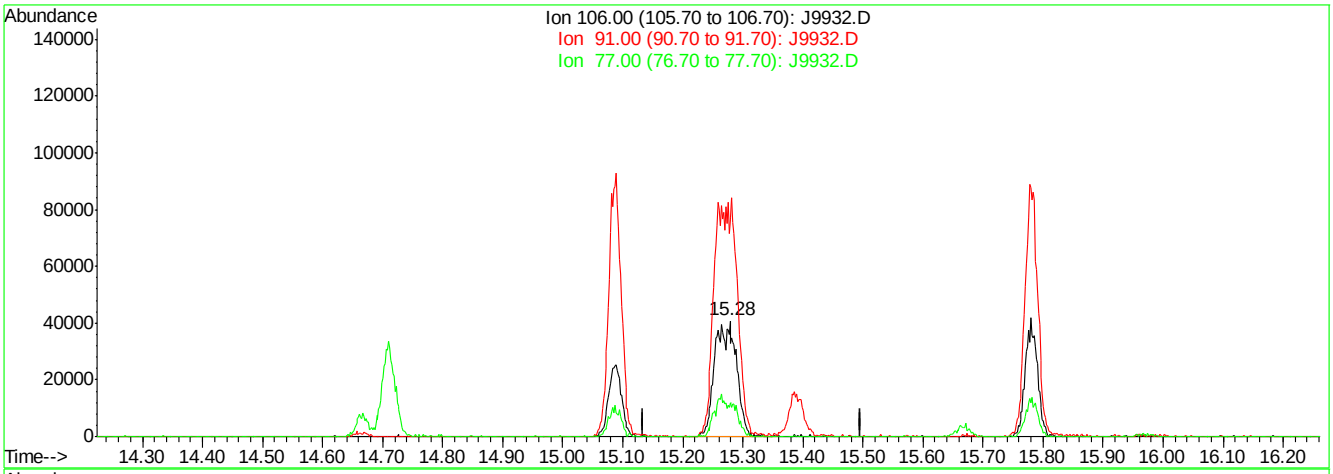
J9932.D J040407T.M Thu Apr 05 15:53:08 2007

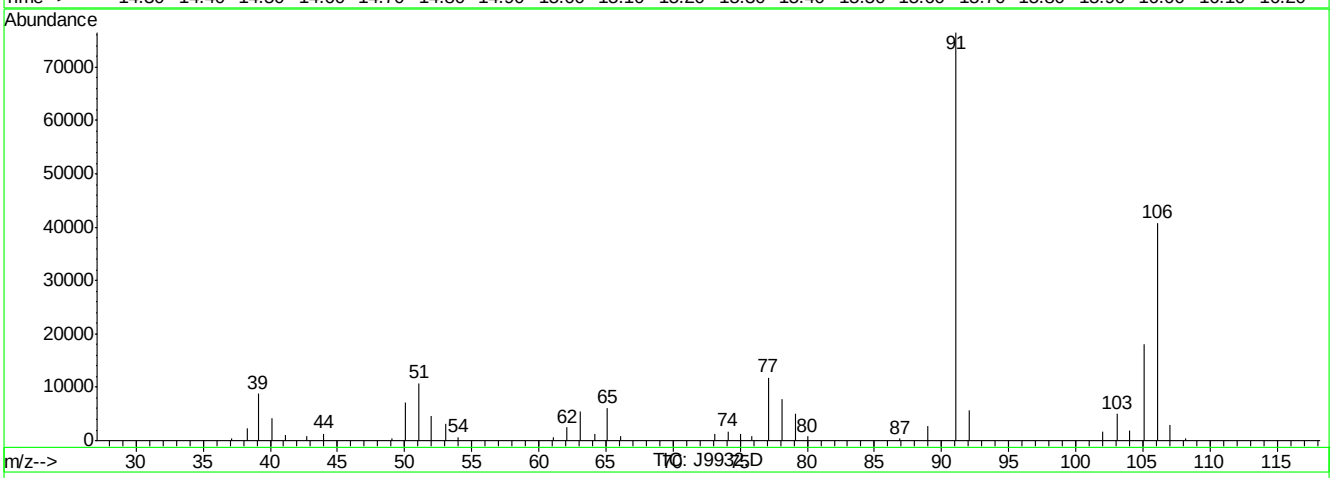
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9932.D Vial: 3
Acq On : 5 Apr 2007 3:17 pm Operator: PhilipB
Sample : IC513-2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 15:52:30 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:05:12 2007
Response via : Multiple Level Calibration





(56) m,p-XYLENE (m)

15.28min 3.12PPBV m

response 101232

Ion	Exp%	Act%
106.00	100	100
91.00	191.80	187.27
77.00	27.10	29.07
0.00	0.00	0.00

J9932.D J040407T.M Thu Apr 05 15:53:13 2007

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau 04/06/07 12:03

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9933.D
Acq On : 5 Apr 2007 4:02 pm
Operator : PhilipB
Sample : IC513-.5 (M024)
Misc : MS13316, MSJ513,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 05 16:38:46 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 15:53:34 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	461363	10.00	PPBV	-0.01
35) 1,4-DIFLUOROBENZENE	10.43	114	1100926	10.00	PPBV	-0.01
49) CHLOROBENZENE-D5	14.67	117	838778	10.00	PPBV	-0.01

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	194482	3.53	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 70.60%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	55415	0.53	PPBV		97
3) PROPYLENE	4.01	41	8192m	0.48	PPBV		
4) FREON 114	4.33	85	45000	0.50	PPBV		86
5) CHLOROMETHANE	4.24	50	13024	0.57	PPBV		71
6) VINYL CHLORIDE	4.45	62	12315m	0.48	PPBV		
7) 1,3-BUTADIENE	4.59	39	8680	0.39	PPBV	#	54
8) BROMOMETHANE	4.86	94	14164m	0.51	PPBV		
9) CHLOROETHANE	5.03	64	5661m	0.49	PPBV		
10) TRICHLOROFLUOROMETHANE	5.79	101	55539	0.49	PPBV		96
11) ISOPROPYL ALCOHOL	5.98	45	28991m	0.70	PPBV		
12) ACETONE	5.68	43	30086m	0.71	PPBV		
13) PENTANE	6.14	42	13955m	0.56	PPBV		
14) 1,1-DICHLOROETHYLENE	6.42	96	12249	0.44	PPBV	#	83
15) CARBON DISULFIDE	6.85	76	44488	0.52	PPBV		83
16) ETHANOL	5.24	45	6429m	0.84	PPBV		
17) BROMOETHENE	5.39	106	11336	0.42	PPBV	#	93
18) METHYLENE CHLORIDE	6.54	84	20363	0.72	PPBV		92
19) 3-CHLOROPROPENE	6.65	39	11668	0.44	PPBV	#	57
20) FREON 113	6.77	151	27696	0.44	PPBV		88
21) TRANS-1,2-DICHLOROETHYLENE	7.45	96	13151	0.43	PPBV	#	87
22) TERTIARY BUTYL ALCOHOL	6.59	59	21097m	0.44	PPBV		
23) METHYL TERTIARY BUTYL ETHE	7.75	73	27555	0.41	PPBV		82
24) TETRAHYDROFURAN	9.21	42	6631m	0.35	PPBV		
25) HEXANE	8.62	57	20641	0.55	PPBV	#	81
26) VINYL ACETATE	7.80	43	19233	0.45	PPBV		86
27) 1,1-DICHLOROETHANE	7.64	63	28263	0.52	PPBV	#	55
28) METHYL ETHYL KETONE	8.08	43	25497	0.57	PPBV		93
29) cis-1,2-DICHLOROETHYLENE	8.45	96	15353m	0.45	PPBV		
30) ETHYL ACETATE	8.70	43	23213m	0.50	PPBV		
31) CHLOROFORM	8.73	83	46569	0.51	PPBV		97
32) 1,1,1-TRICHLOROETHANE	9.67	97	32224	0.44	PPBV		94
33) CARBON TETRACHLORIDE	10.25	117	40610	0.45	PPBV		90
34) 1,2-DICHLOROETHANE	9.44	62	15944	0.43	PPBV		82
36) BENZENE	10.11	78	21067	0.39	PPBV		93
37) CYCLOHEXANE	10.36	84	7773	0.31	PPBV		87
38) TRICHLOROETHYLENE	11.11	95	11601	0.35	PPBV		88
39) 1,2-DICHLOROPROPANE	10.90	63	8011	0.42	PPBV		93
40) BROMODICHLOROMETHANE	11.08	83	25553	0.42	PPBV		100
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	34413	0.34	PPBV		89
42) 1,4-DIOXANE	11.23	88	2735m	0.28	PPBV		
43) HEPTANE	11.36	43	10976	0.34	PPBV	#	72

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9933.D
Acq On : 5 Apr 2007 4:02 pm
Operator : PhilipB
Sample : IC513-.5 (M024)
Misc : MS13316, MSJ513,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 05 16:38:46 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 15:53:34 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	10816m	0.25	PPBV	
45) cis-1,3-DICHLOROPROPENE	11.93	75	6360	0.23	PPBV #	44
46) TOLUENE	12.89	92	10205	0.27	PPBV	88
47) trans-1,3-DICHLOROPROPENE	12.44	75	3675	0.17	PPBV #	79
48) 1,1,2-TRICHLOROETHANE	12.62	83	7843	0.38	PPBV #	86
50) 2-HEXANONE	13.20	43	7928m	0.25	PPBV	
51) TETRACHLOROETHYLENE	14.01	164	9235	0.33	PPBV #	87
52) DIBROMOCHLOROMETHANE	13.32	129	19457	0.37	PPBV	99
53) 1,2-DIBROMOETHANE	13.56	107	9205	0.28	PPBV #	94
54) CHLOROBENZENE	14.71	112	15037	0.32	PPBV	93
55) ETHYLBENZENE	15.09	91	15920	0.20	PPBV	95
56) m,p-XYLENE	15.28	106	12227m	0.38	PPBV	
57) o-XYLENE	15.78	106	6033	0.16	PPBV	88
58) STYRENE	15.66	104	2493	0.07	PPBV #	62
59) NONANE	15.97	43	11252	0.24	PPBV	81
60) BROMOFORM	15.40	173	13252	0.27	PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	20875	0.34	PPBV	97
63) ISOPROPYLBENZENE	16.43	105	20313	0.19	PPBV	97
64) 2-CHLOROTOLUENE	16.98	91	11277	0.16	PPBV	98
65) 4-ETHYLTOLUENE	17.17	105	9642	0.11	PPBV	75
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	12547m	0.14	PPBV	
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	8266	0.10	PPBV	92
68) m-DICHLOROBENZENE	17.91	146	4532	0.09	PPBV	92
69) BENZYL CHLORIDE	17.90	91	3230m	0.08	PPBV	
70) p-DICHLOROBENZENE	17.98	146	2474m	0.06	PPBV	
71) o-DICHLOROBENZENE	18.37	146	5305	0.11	PPBV	94
72) HEXACHLOROBUTADIENE	20.77	225	27513	0.69	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.29	180	1638	0.16	PPBV	90

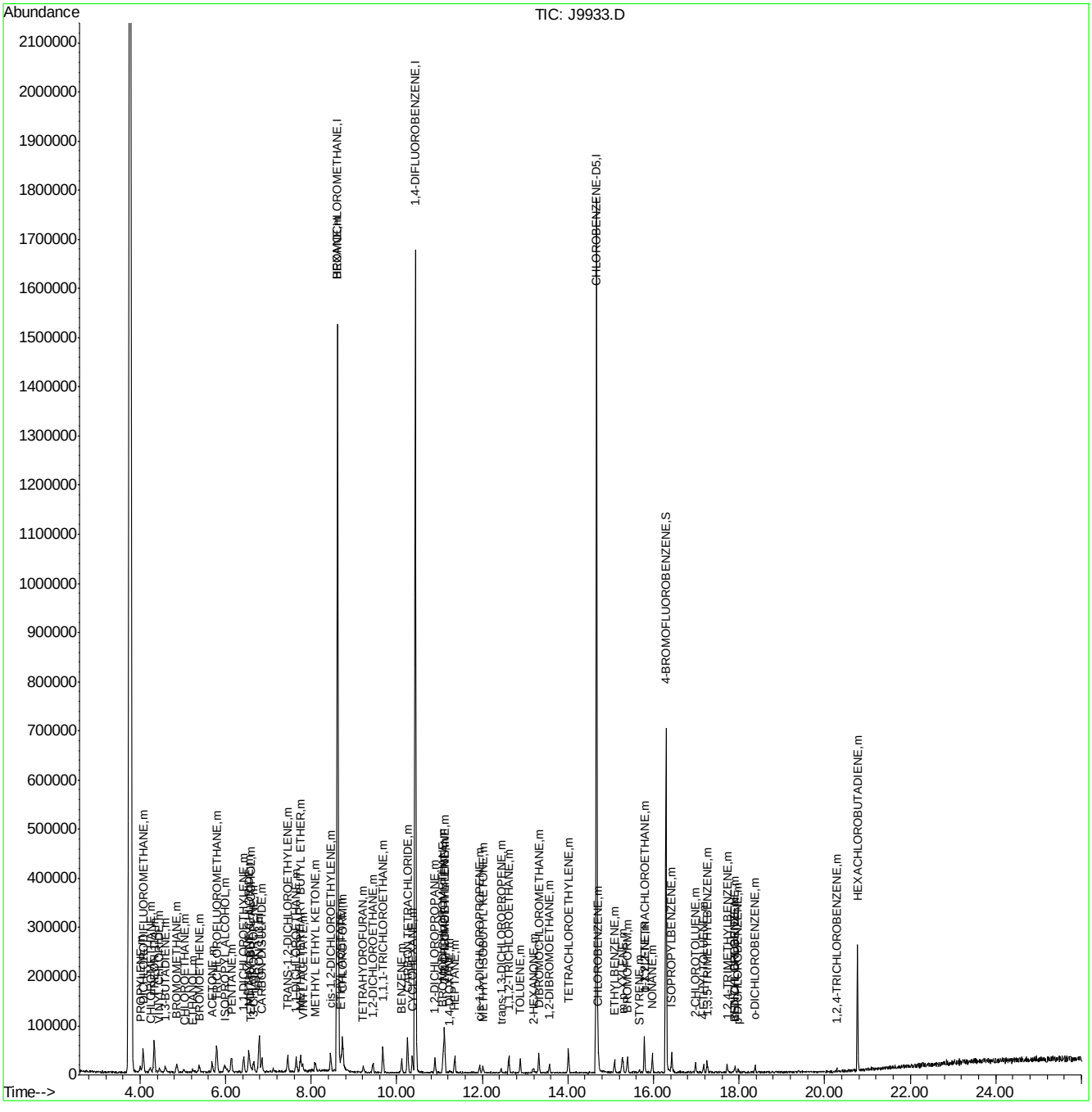
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ACCUTEST Laboratories M64701

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9933.D
Acq On : 5 Apr 2007 4:02 pm
Operator : PhilipB
Sample : IC513-.5 (M024)
Misc : MS13316, MSJ513,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 05 16:38:46 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 15:53:34 2007
Response via : Initial Calibration

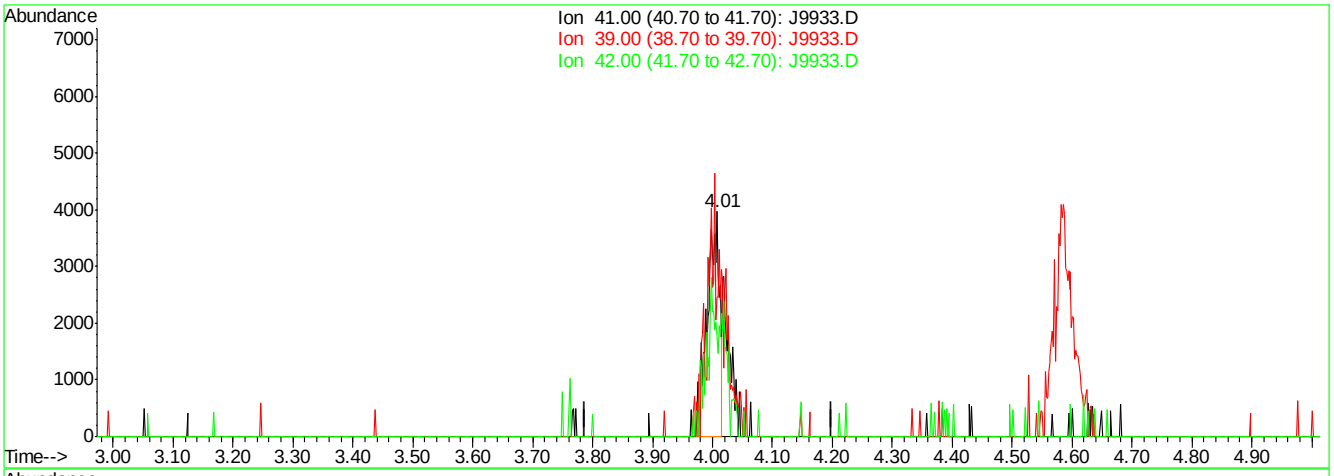


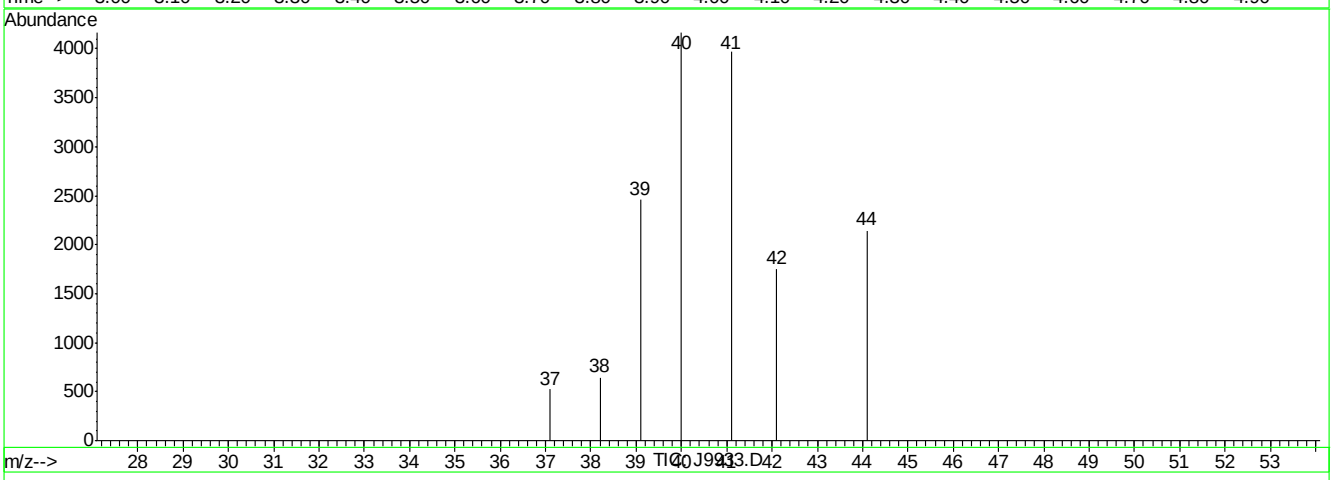
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(3) PROPYLENE (m)

4.01min 0.33PPBV

response 5587

Ion	Exp%	Act%
41.00	100	100
39.00	79.30	61.79
42.00	66.90	44.13#
0.00	0.00	0.00

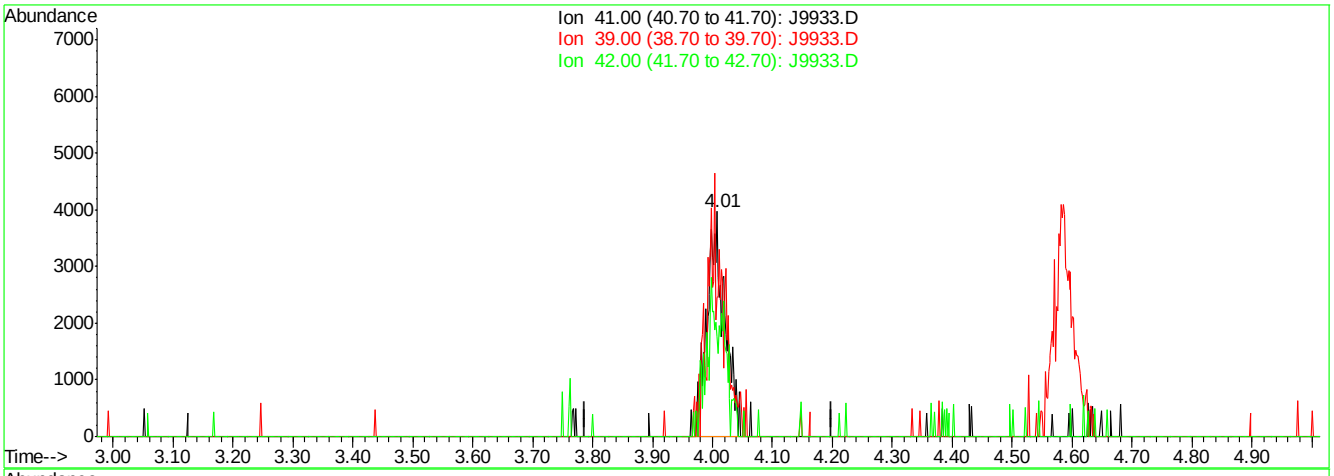
J9933.D J040407T.M Thu Apr 05 16:36:01 2007

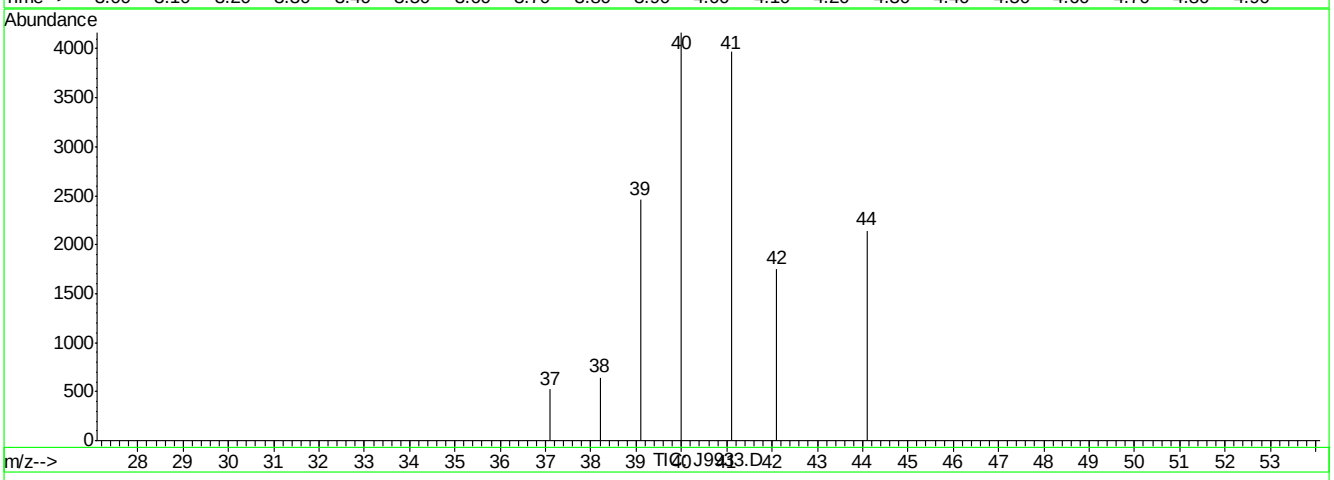
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(3) PROPYLENE (m)

4.01min 0.48PPBV m

response 8192

Ion	Exp%	Act%
41.00	100	100
39.00	79.30	61.79
42.00	66.90	44.13#
0.00	0.00	0.00

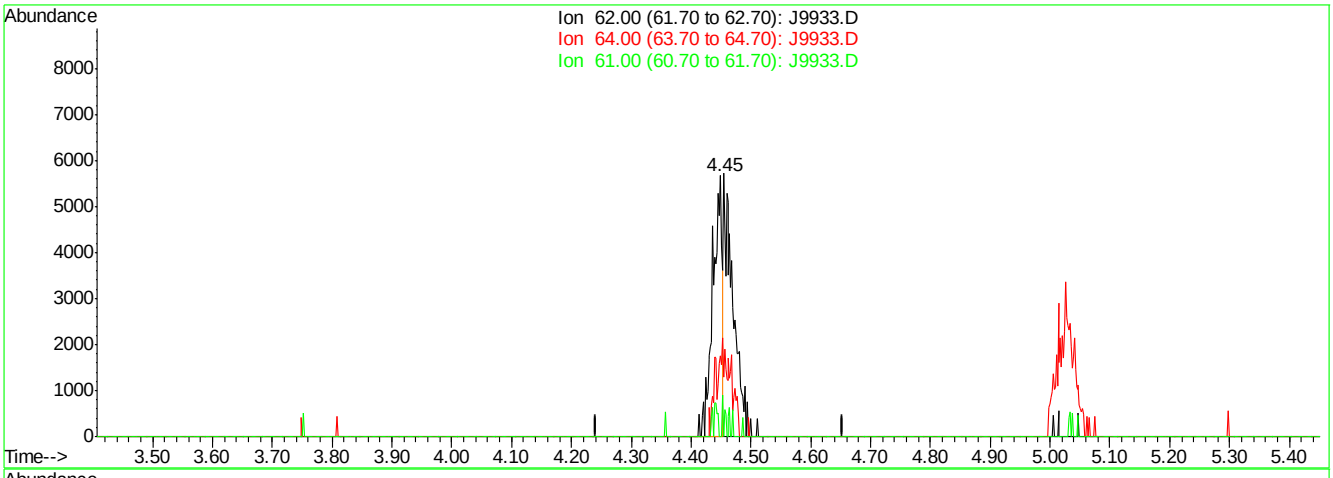
J9933.D J040407T.M Thu Apr 05 16:36:05 2007

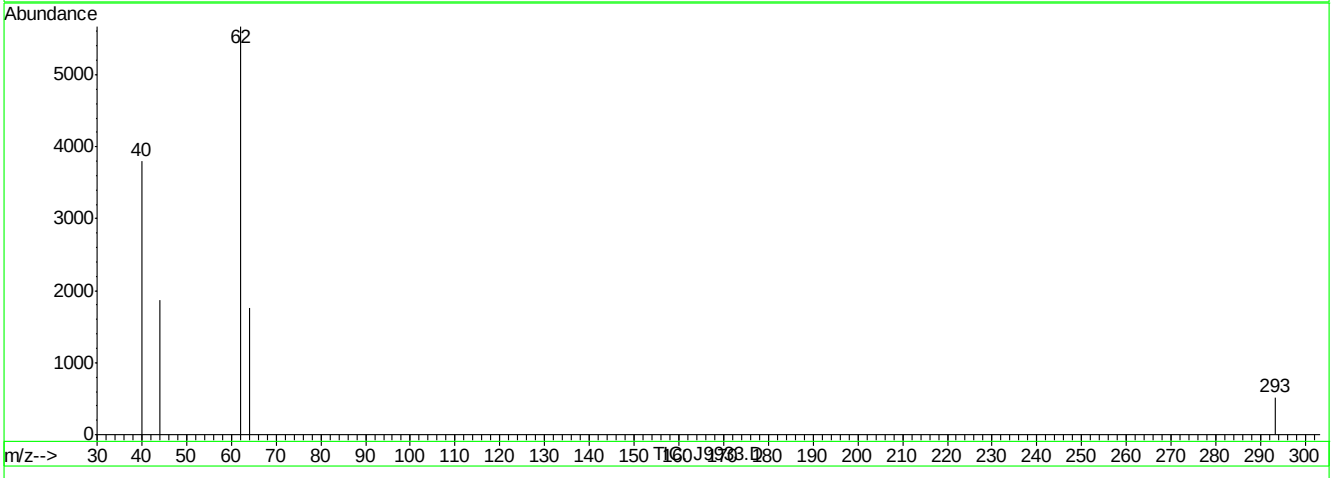
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(6) VINYL CHLORIDE (m)

4.45min 0.23PPBV

response 5874

Ion	Exp%	Act%
62.00	100	100
64.00	32.90	60.16#
61.00	8.50	3.56
0.00	0.00	0.00

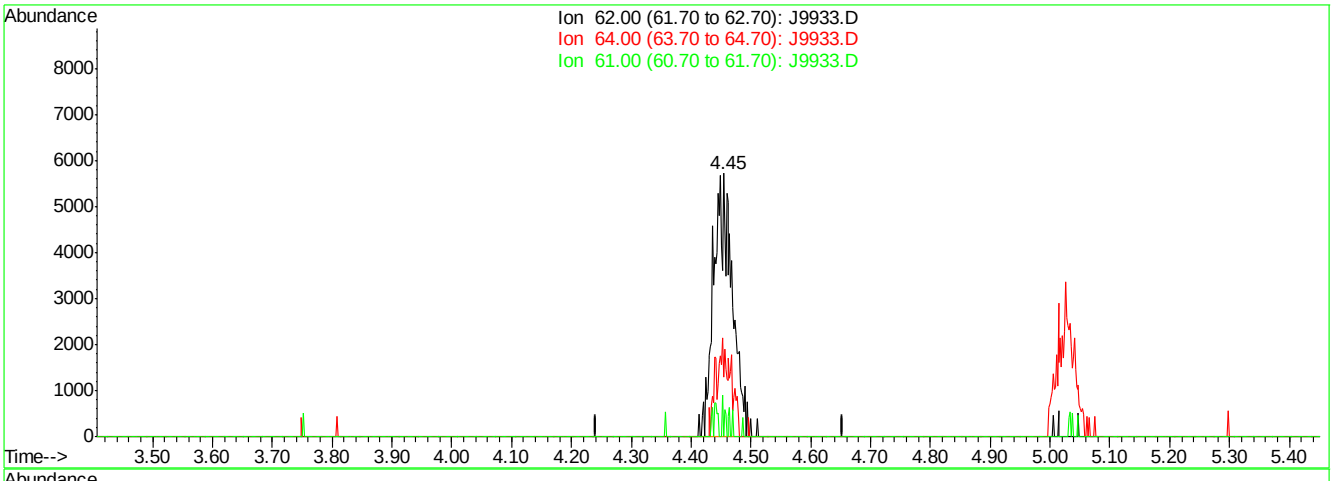
J9933.D J040407T.M Thu Apr 05 16:36:09 2007

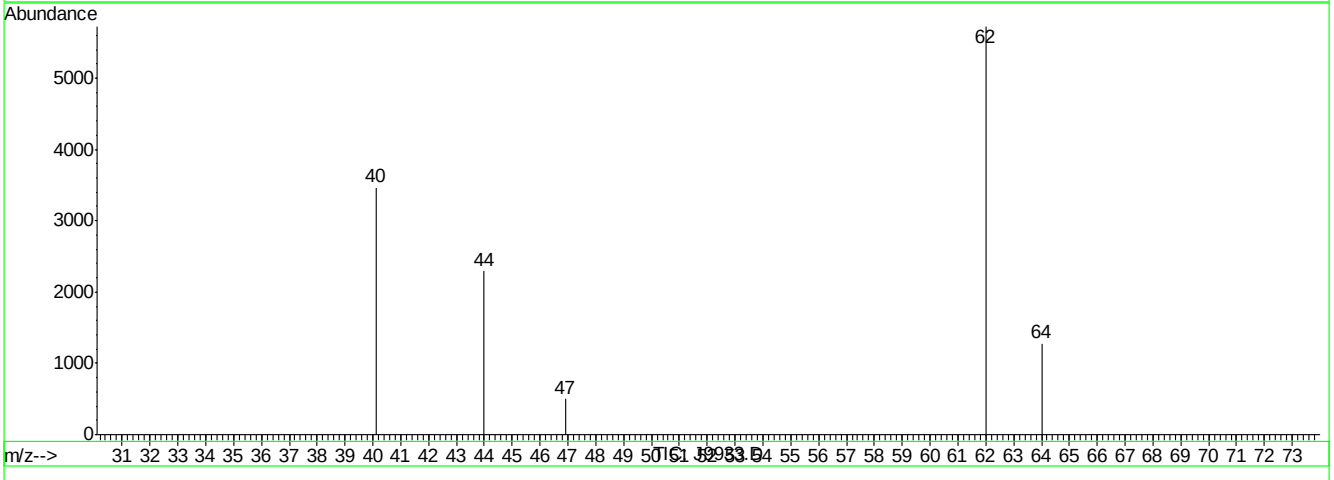
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(6) VINYL CHLORIDE (m)

4.45min 0.48PPBV m

response 12315

Ion	Exp%	Act%
62.00	100	100
64.00	32.90	28.70
61.00	8.50	1.70
0.00	0.00	0.00

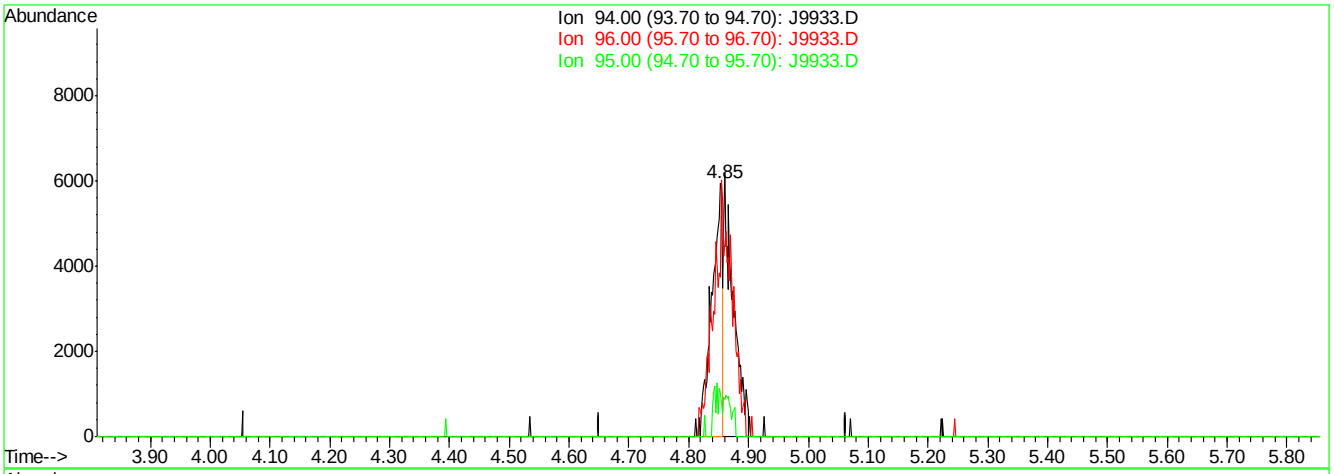
J9933.D J040407T.M Thu Apr 05 16:36:14 2007

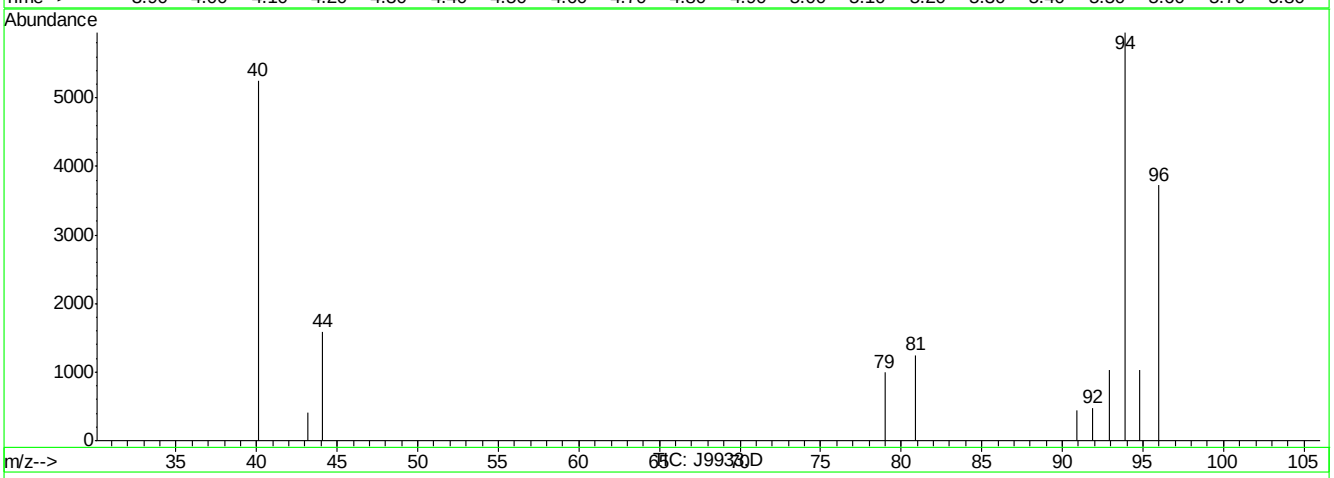
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(8) BROMOMETHANE (m)

4.85min 0.25PPBV

response 7036

Ion	Exp%	Act%
94.00	100	100
96.00	94.90	175.34#
95.00	15.00	5.29
0.00	0.00	0.00

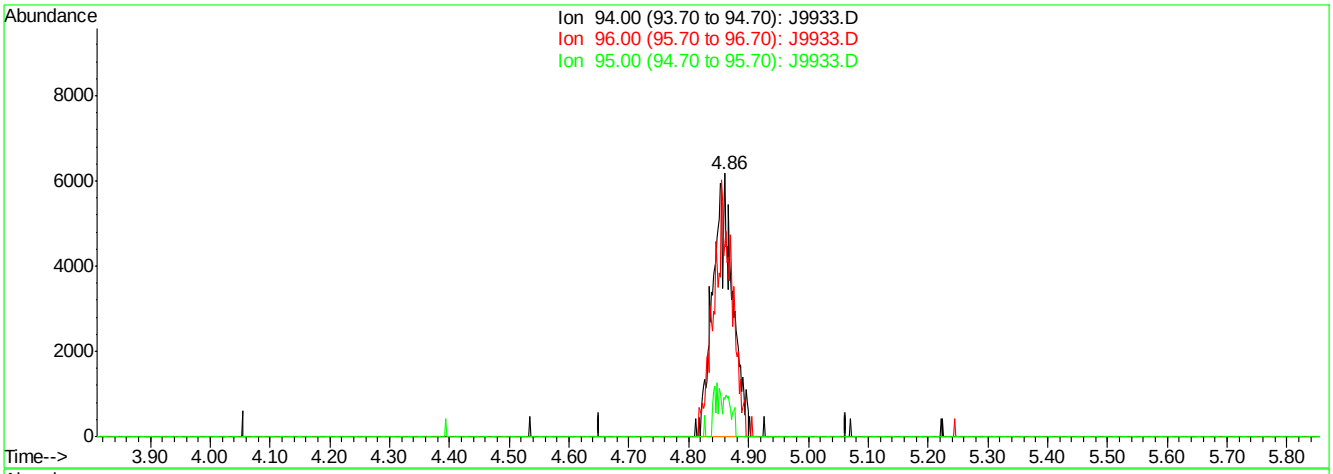
J9933.D J040407T.M Thu Apr 05 16:36:19 2007

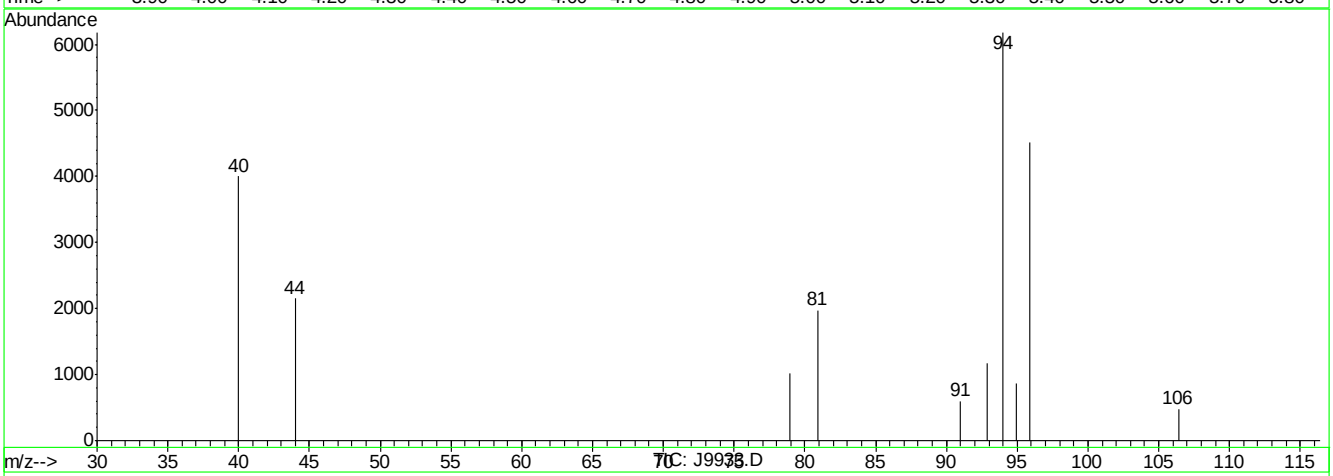
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(8) BROMOMETHANE (m)

4.86min 0.51PPBV m

response 14164

Ion	Exp%	Act%
94.00	100	100
96.00	94.90	87.10
95.00	15.00	2.63
0.00	0.00	0.00

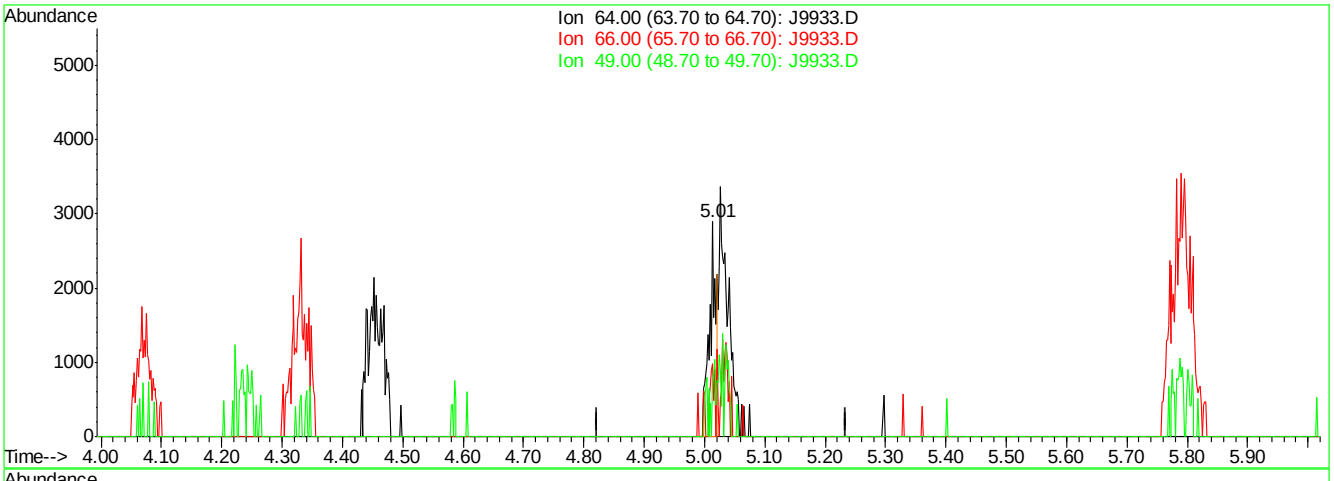
J9933.D J040407T.M Thu Apr 05 16:36:22 2007

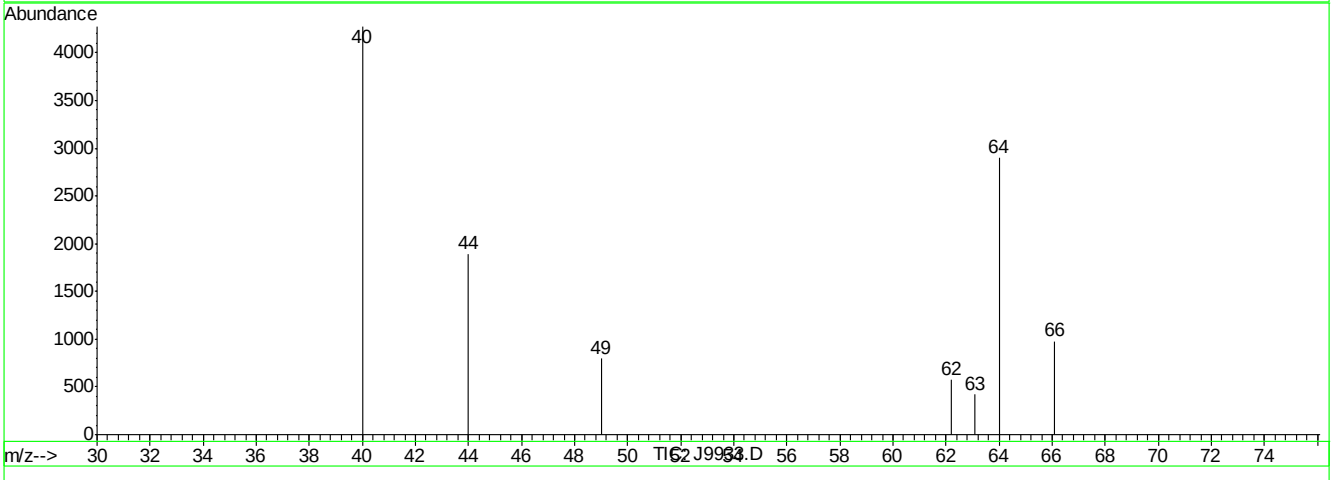
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(9) CHLOROETHANE (m)

5.01min 0.18PPBV

response 2115

Ion	Exp%	Act%
64.00	100	100
66.00	31.80	30.26
49.00	32.50	41.99
0.00	0.00	0.00

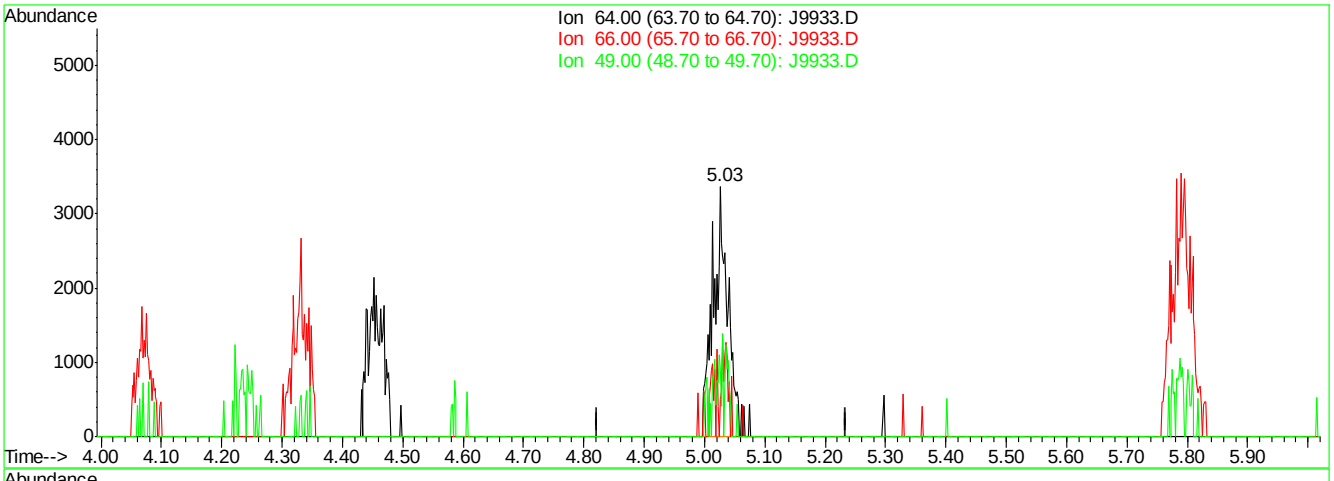
J9933.D J040407T.M Thu Apr 05 16:36:25 2007

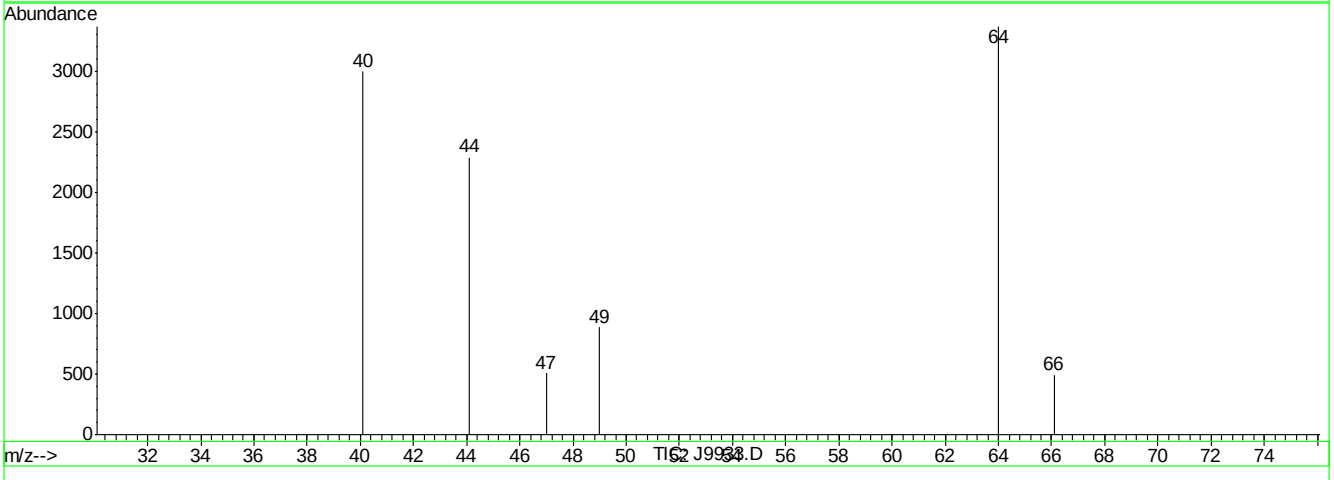
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(9) CHLOROETHANE (m)

5.03min 0.49PPBV m

response 5661

Ion	Exp%	Act%
64.00	100	100
66.00	31.80	11.31#
49.00	32.50	15.69
0.00	0.00	0.00

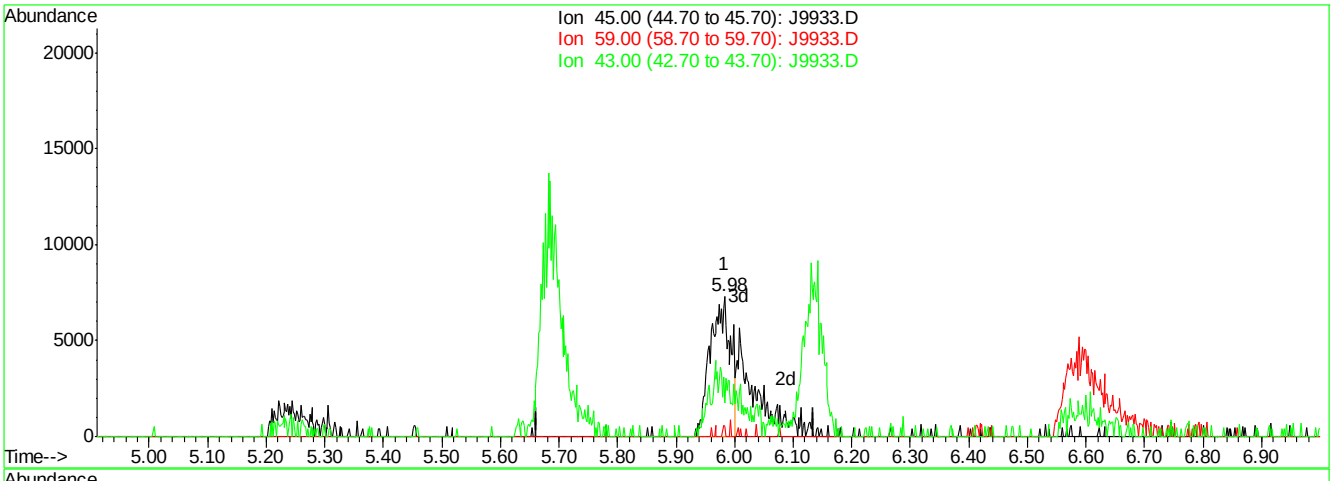
J9933.D J040407T.M Thu Apr 05 16:36:29 2007

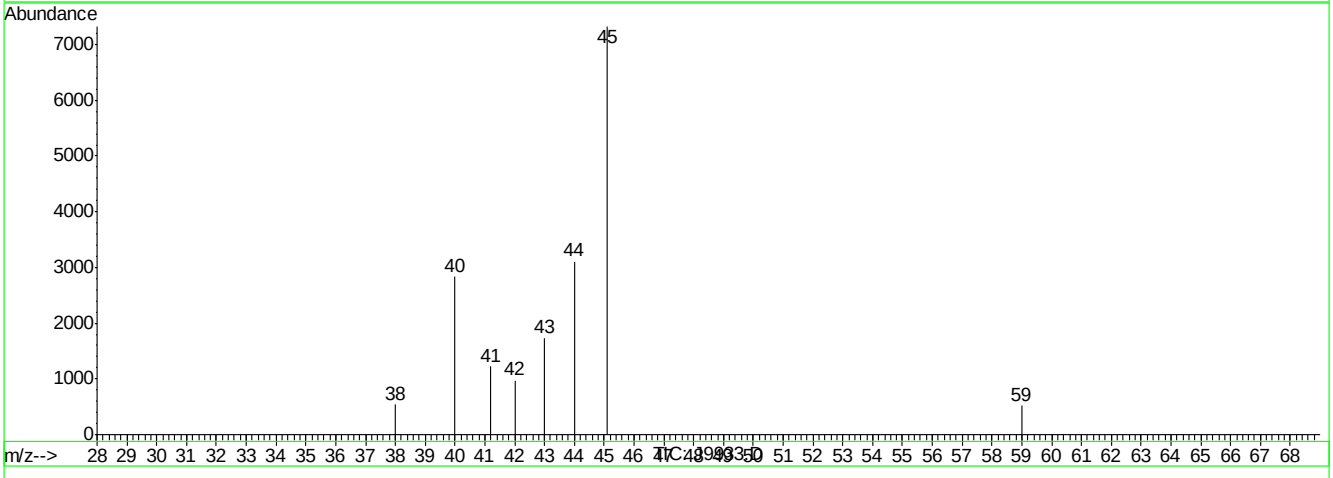
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(11) ISOPROPYL ALCOHOL (m)

5.98min 0.42PPBV

response 17129

Ion	Exp%	Act%
45.00	100	100
59.00	3.50	7.05
43.00	19.80	23.68
0.00	0.00	0.00

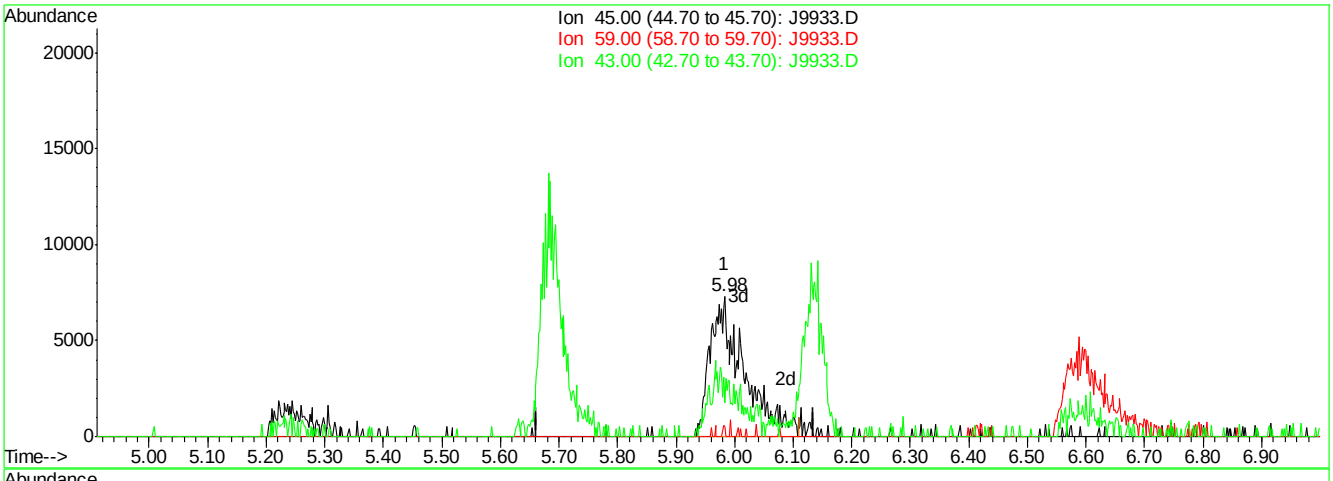
J9933.D J040407T.M Thu Apr 05 16:36:32 2007

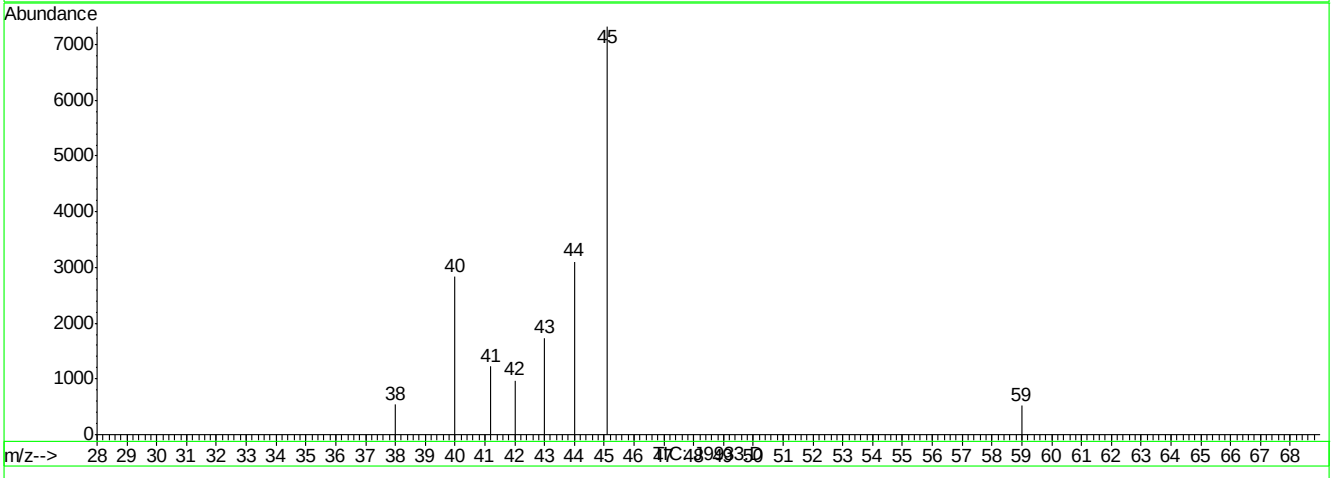
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(11) ISOPROPYL ALCOHOL (m)

5.98min 0.70PPBV m

response 28991

Ion	Exp%	Act%
45.00	100	100
59.00	3.50	7.05
43.00	19.80	23.68
0.00	0.00	0.00

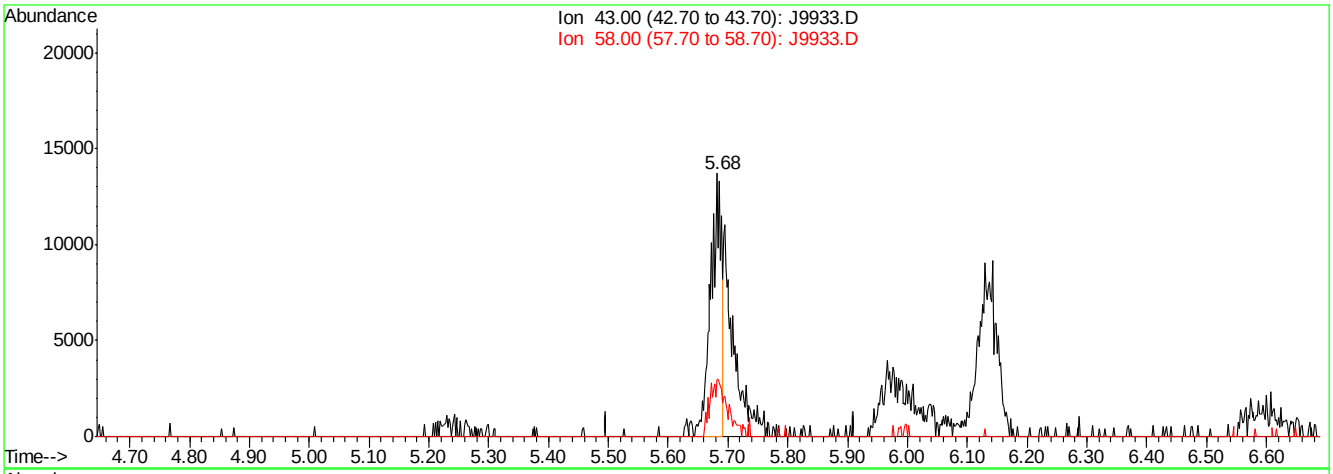
J9933.D J040407T.M Thu Apr 05 16:36:38 2007

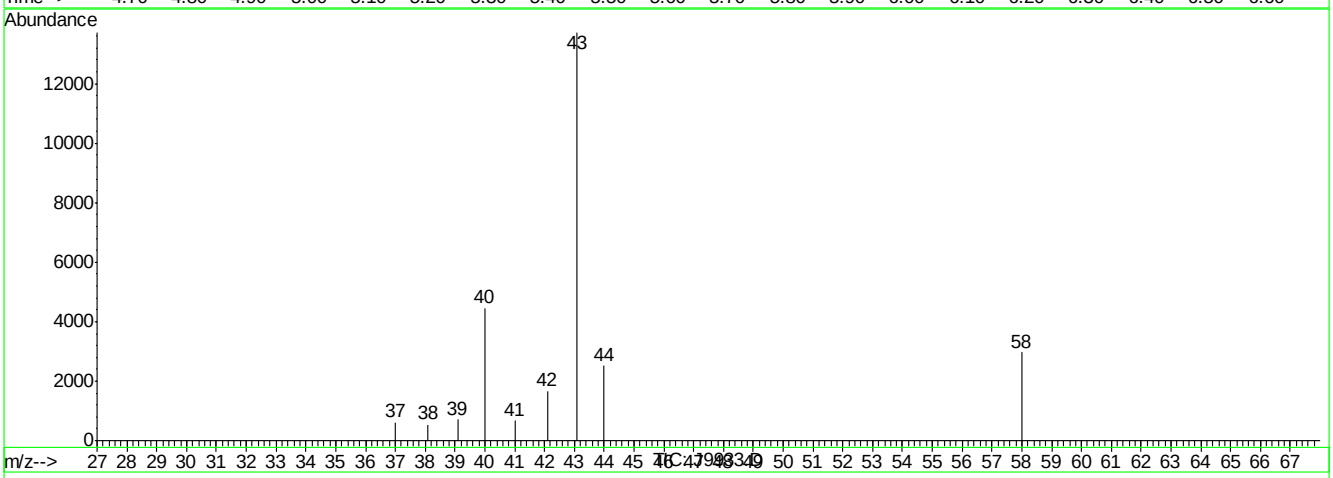
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(12) ACETONE (m)

5.68min 0.39PPBV

response 16503

Ion	Exp%	Act%
43.00	100	100
58.00	24.70	13.46
0.00	0.00	0.00
0.00	0.00	0.00

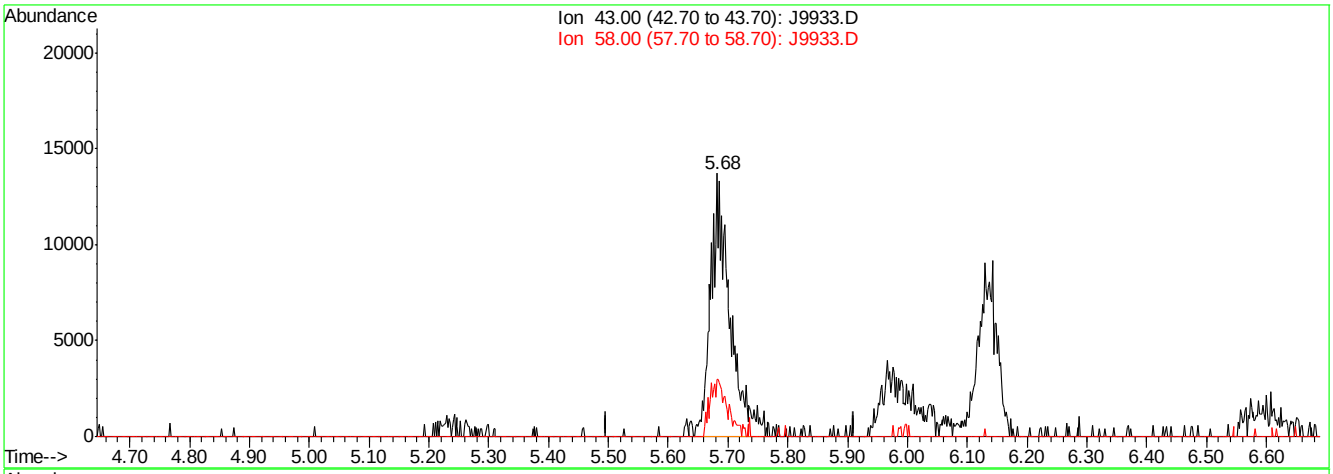
J9933.D J040407T.M Thu Apr 05 16:36:42 2007

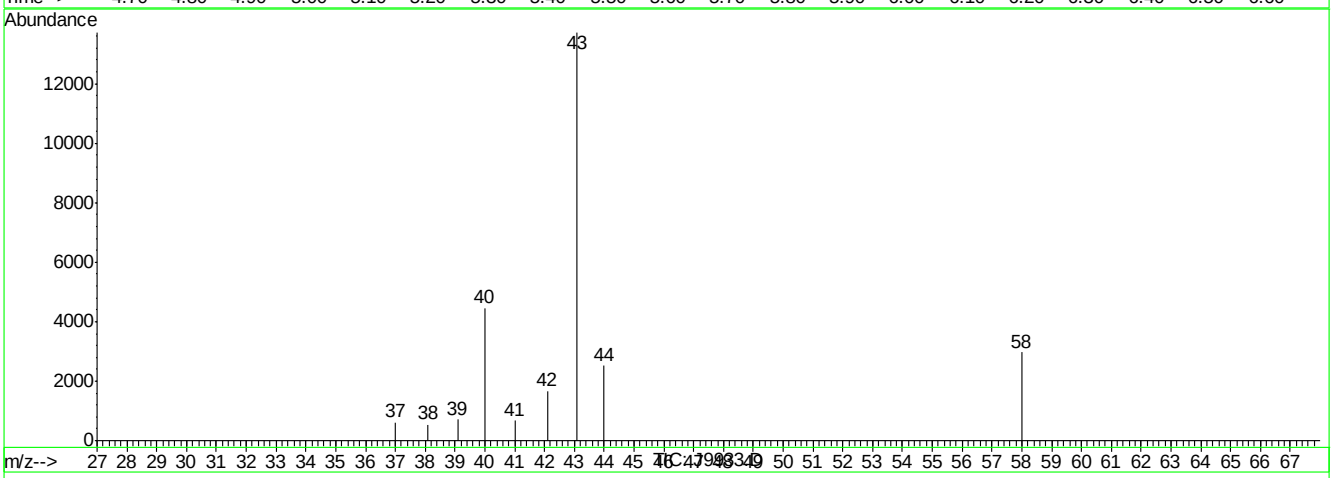
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(12) ACETONE (m)

5.68min 0.71PPBV m

response 30086

Ion	Exp%	Act%
43.00	100	100
58.00	24.70	7.39
0.00	0.00	0.00
0.00	0.00	0.00

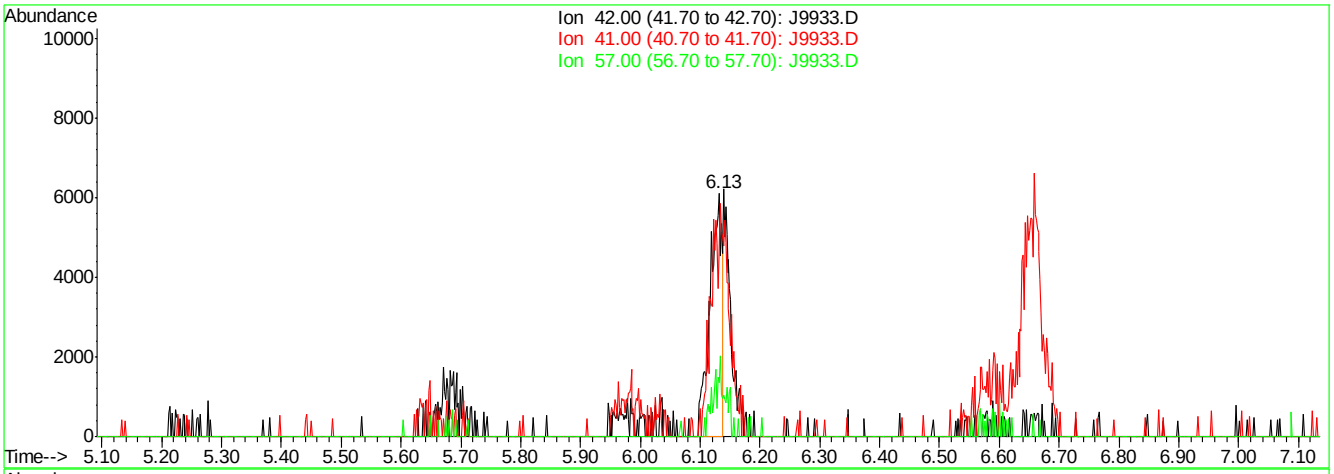
J9933.D J040407T.M Thu Apr 05 16:36:46 2007

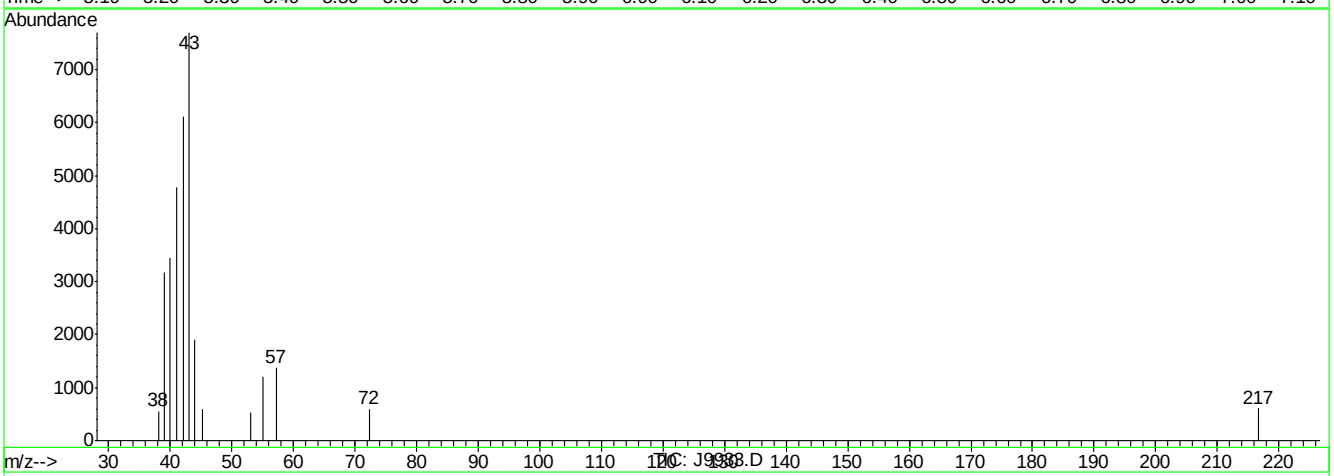
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(13) PENTANE (m)

6.13min 0.33PPBV

response 8287

Ion	Exp%	Act%
42.00	100	100
41.00	100.70	62.41#
57.00	26.60	24.47
0.00	0.00	0.00

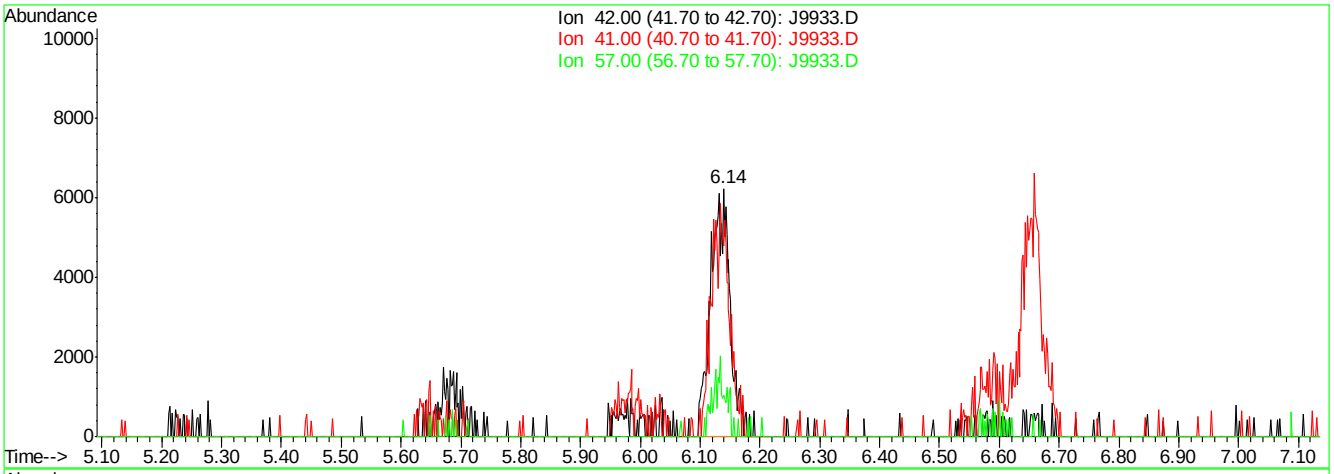
J9933.D J040407T.M Thu Apr 05 16:36:49 2007

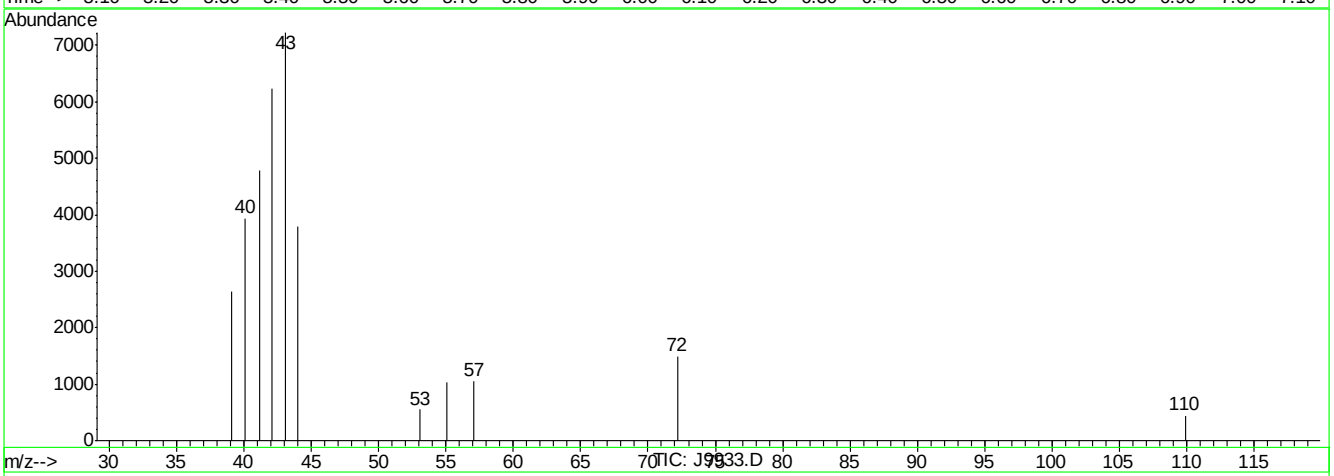
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(13) PENTANE (m)

6.14min 0.56PPBV m

response 13955

Ion	Exp%	Act%
42.00	100	100
41.00	100.70	37.06#
57.00	26.60	14.53
0.00	0.00	0.00

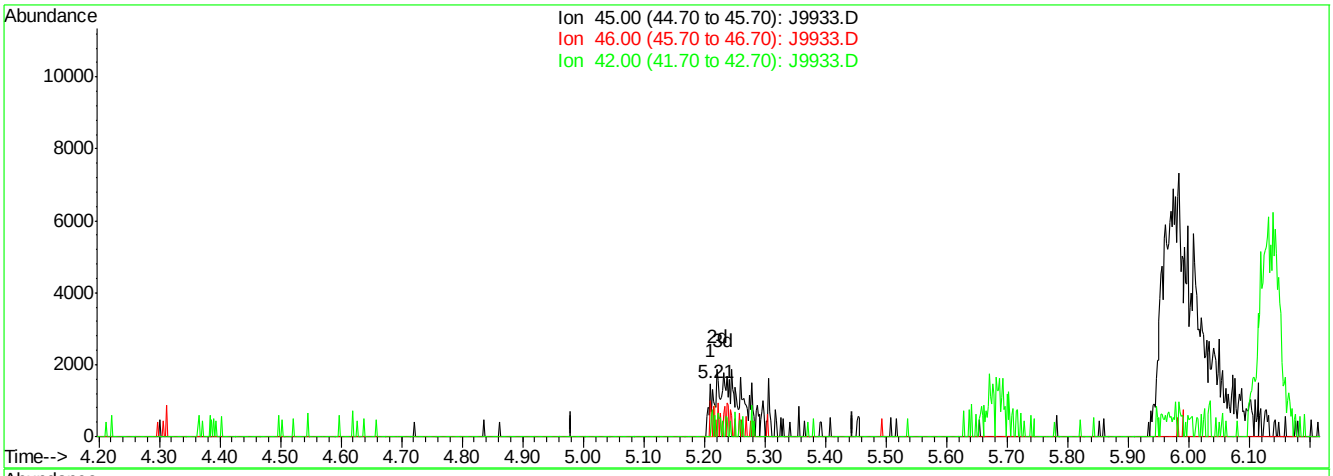
J9933.D J040407T.M Thu Apr 05 16:36:52 2007

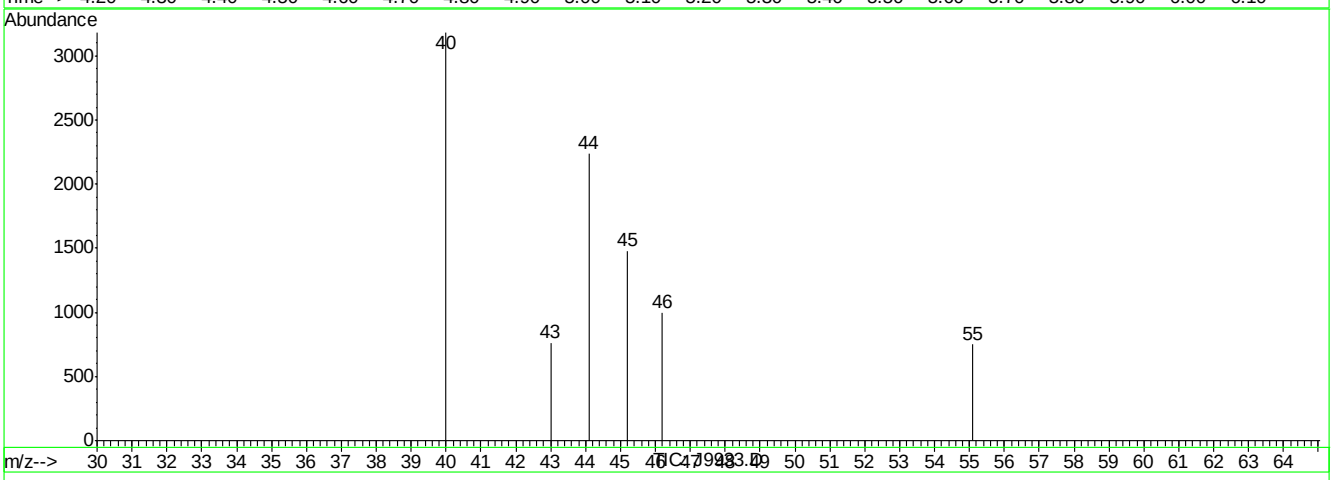
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(16) ETHANOL (m)

5.21min 0.11PPBV

response 859

Ion	Exp%	Act%
45.00	100	100
46.00	33.00	30.38
42.00	1.50	44.82#
0.00	0.00	0.00

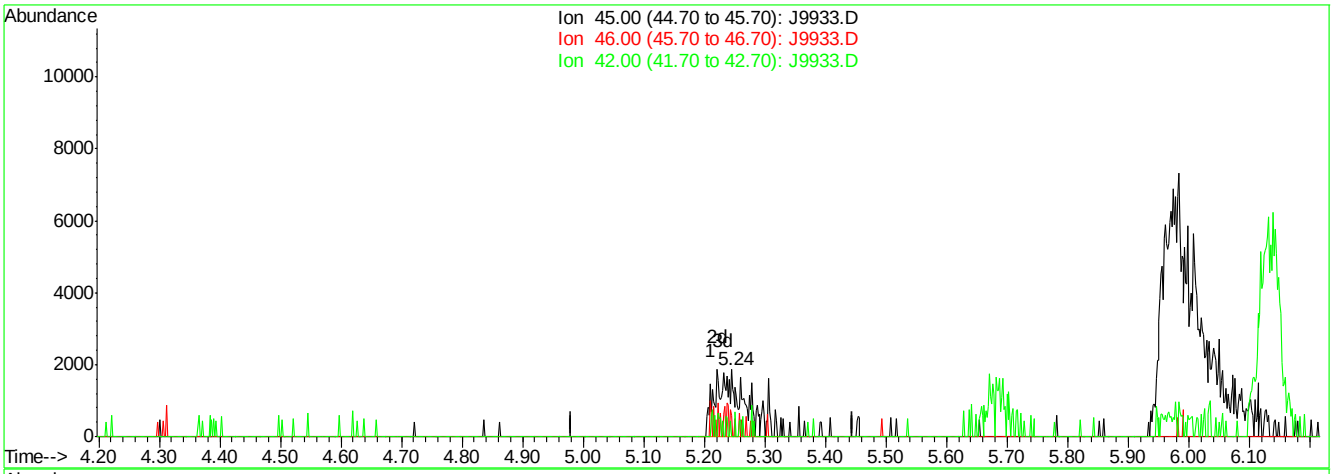
J9933.D J040407T.M Thu Apr 05 16:36:56 2007

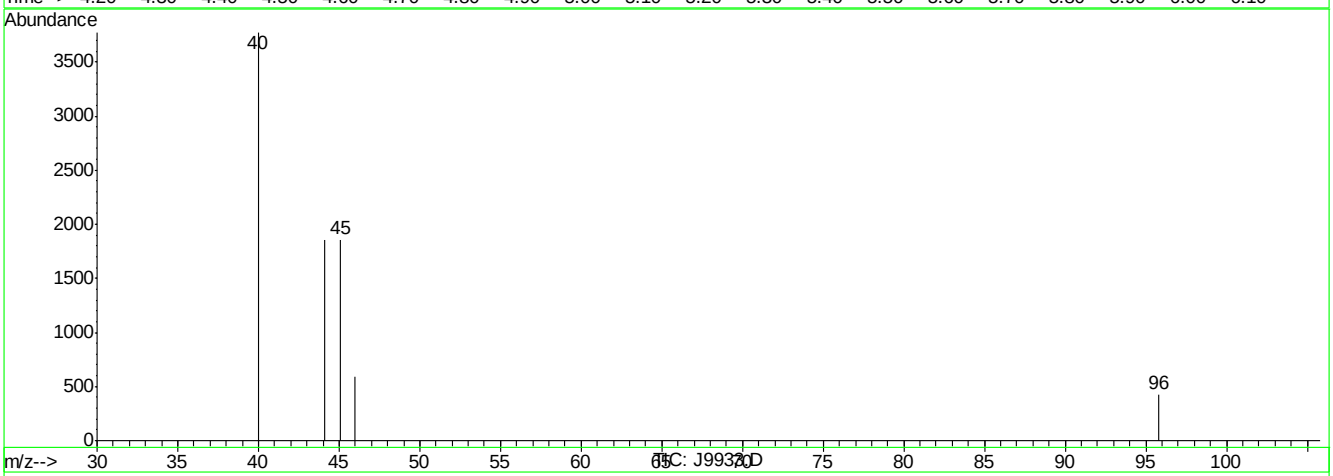
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(16) ETHANOL (m)

5.24min 0.84PPBV m

response 6429

Ion	Exp%	Act%
45.00	100	100
46.00	33.00	4.06#
42.00	1.50	5.99
0.00	0.00	0.00

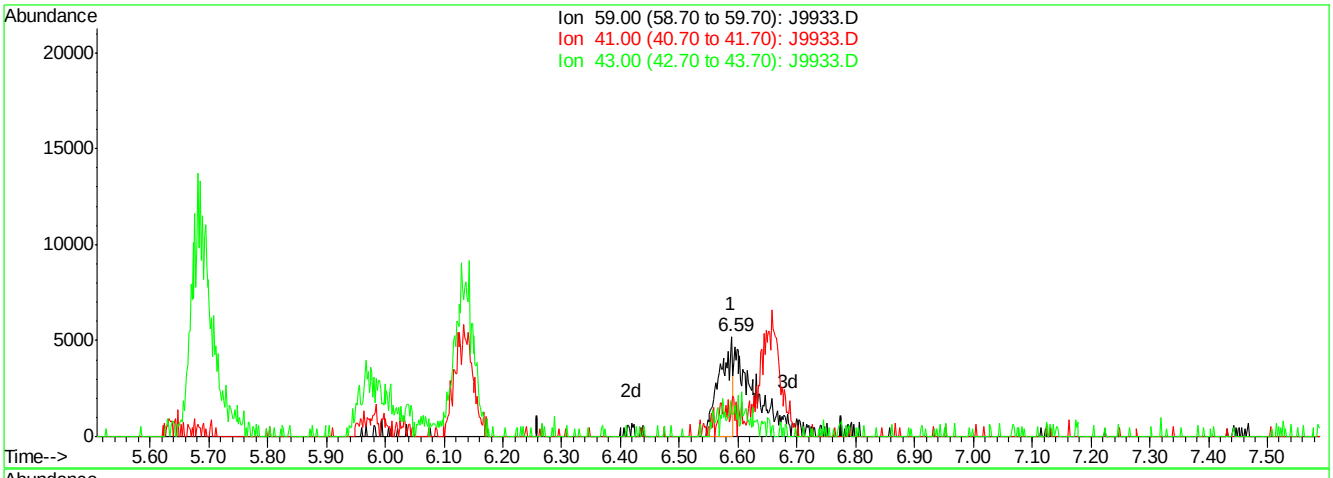
J9933.D J040407T.M Thu Apr 05 16:37:03 2007

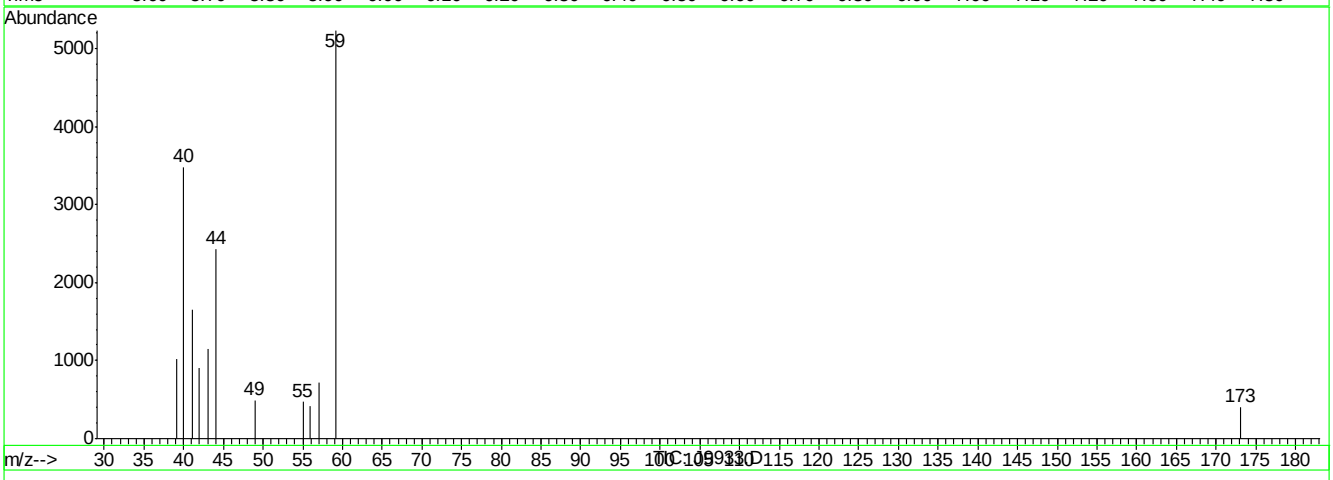
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(22) TERTIARY BUTYL ALCOHOL (m)

6.59min 0.16PPBV

response 7707

Ion	Exp%	Act%
59.00	100	100
41.00	7.90	21.76
43.00	16.20	0.00
0.00	0.00	0.00

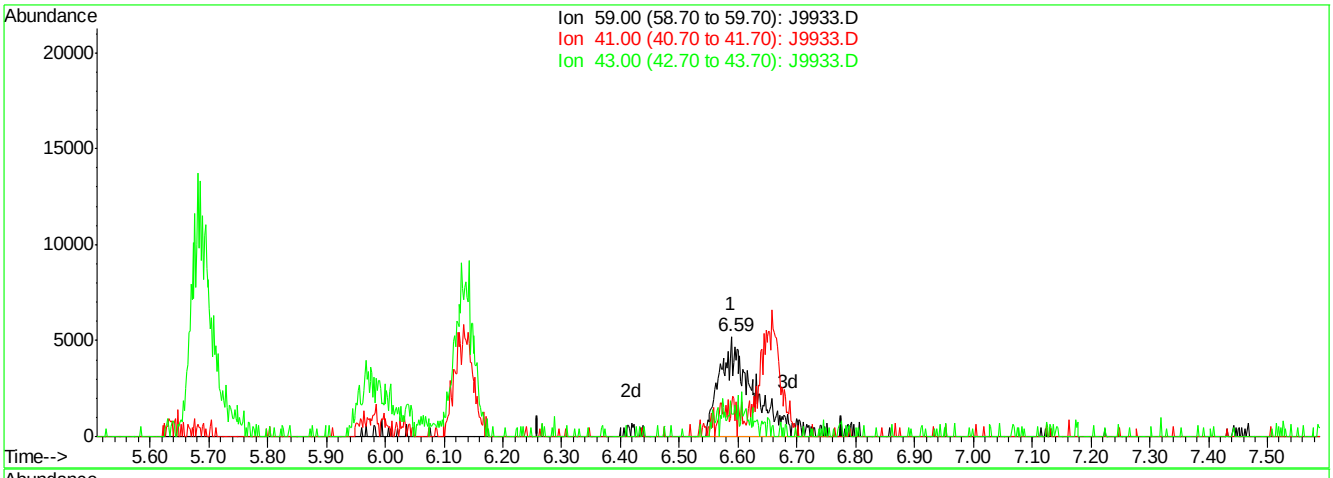
J9933.D J040407T.M Thu Apr 05 16:37:09 2007

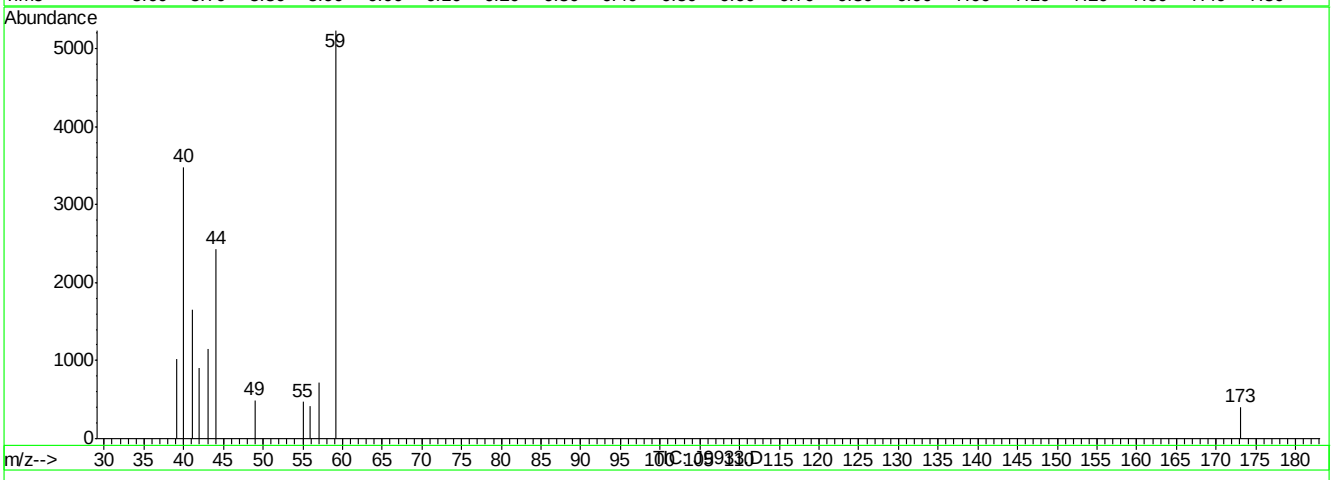
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(22) TERTIARY BUTYL ALCOHOL (m)

6.59min 0.44PPBV m

response 21097

Ion	Exp%	Act%
59.00	100	100
41.00	7.90	7.95
43.00	16.20	0.00
0.00	0.00	0.00

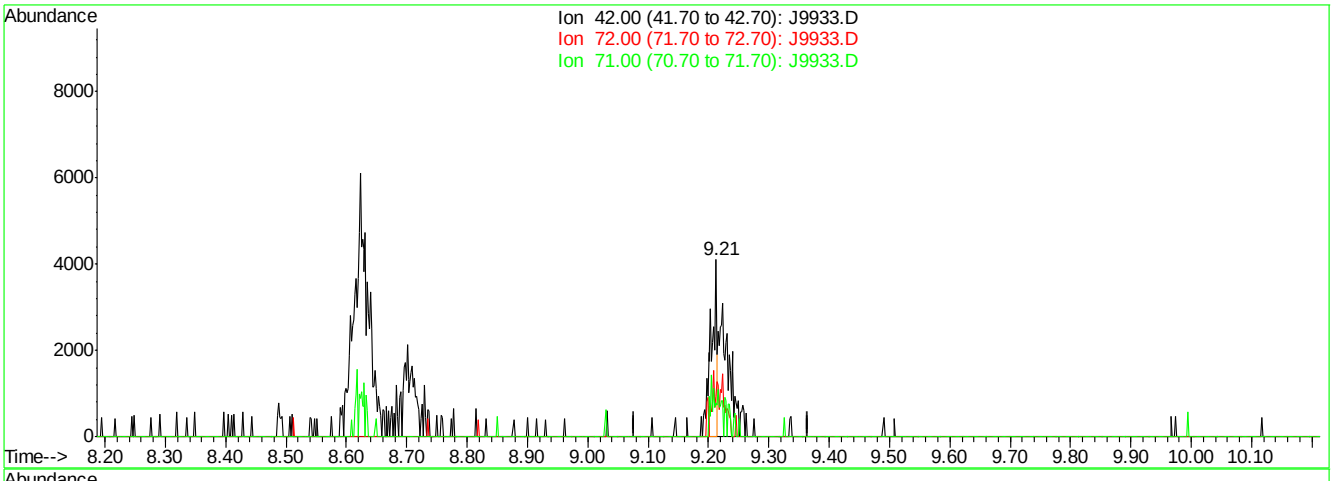
J9933.D J040407T.M Thu Apr 05 16:37:12 2007

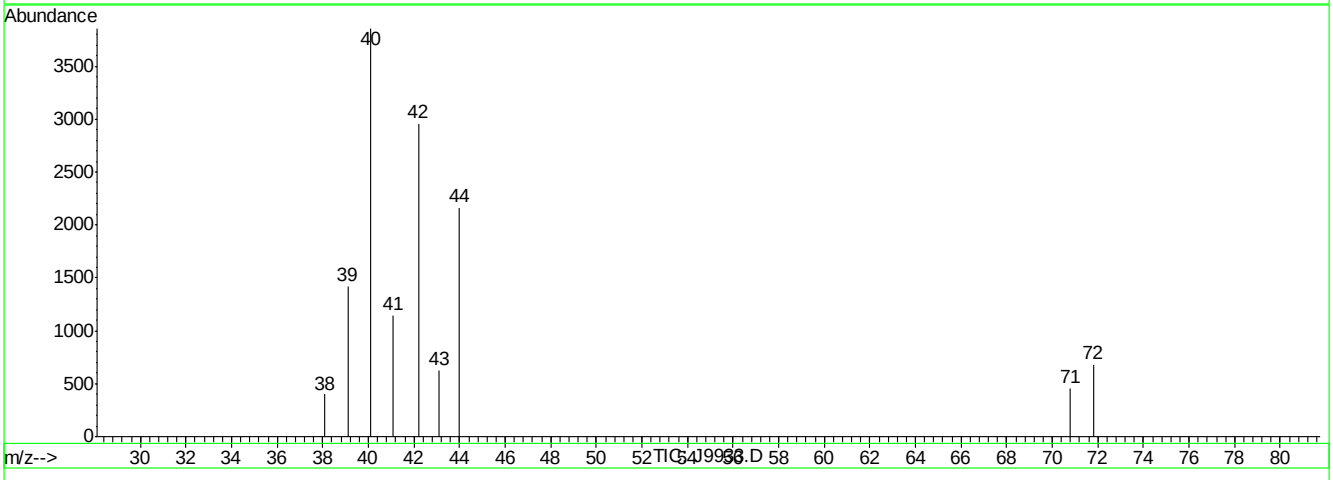
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(24) TETRAHYDROFURAN (m)

9.20min 0.14PPBV

response 2703

Ion	Exp%	Act%
42.00	100	100
72.00	43.80	65.63#
71.00	42.90	45.36
0.00	0.00	0.00

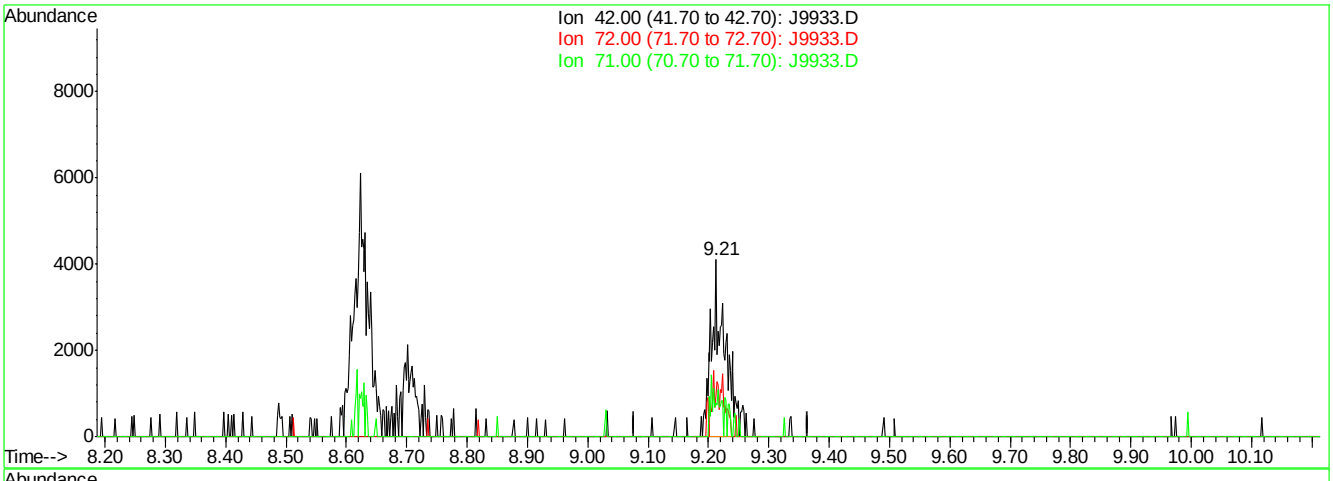
J9933.D J040407T.M Thu Apr 05 16:37:15 2007

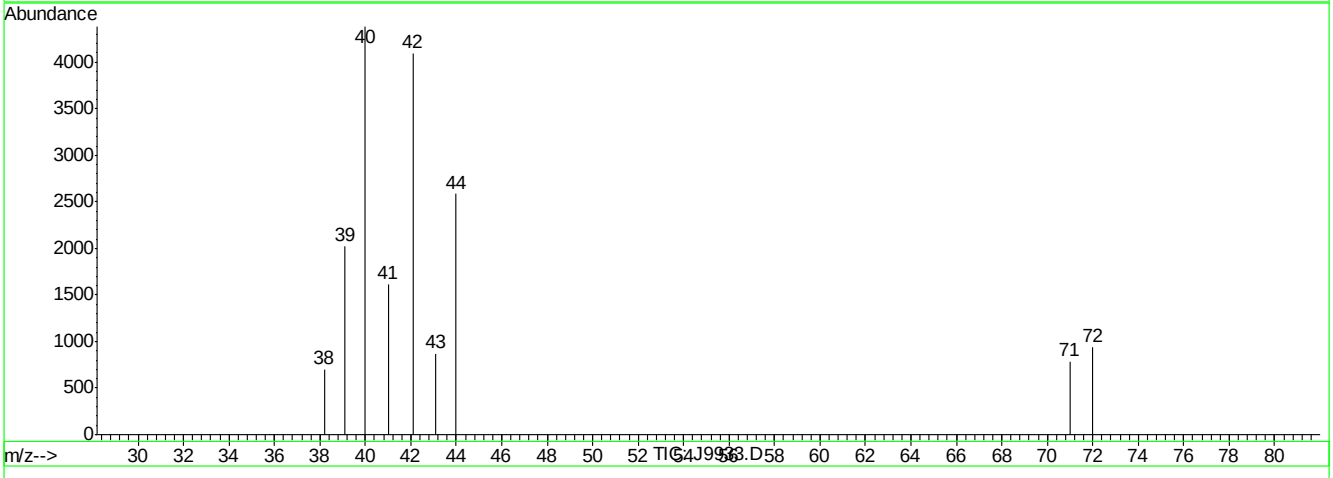
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(24) TETRAHYDROFURAN (m)

9.21min 0.35PPBV m

response 6631

Ion	Exp%	Act%
42.00	100	100
72.00	43.80	26.75
71.00	42.90	18.49#
0.00	0.00	0.00

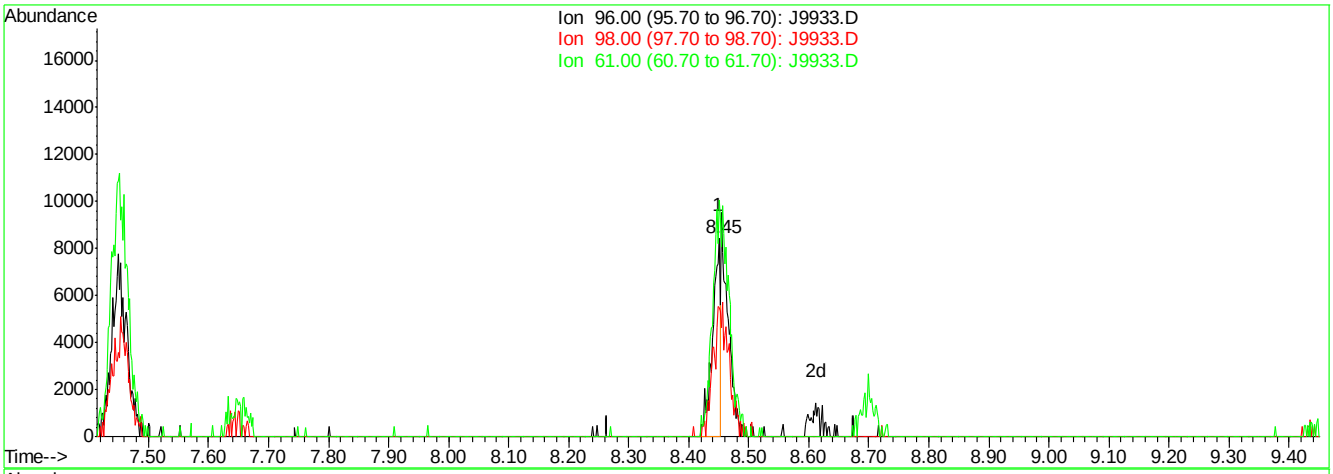
J9933.D J040407T.M Thu Apr 05 16:37:19 2007

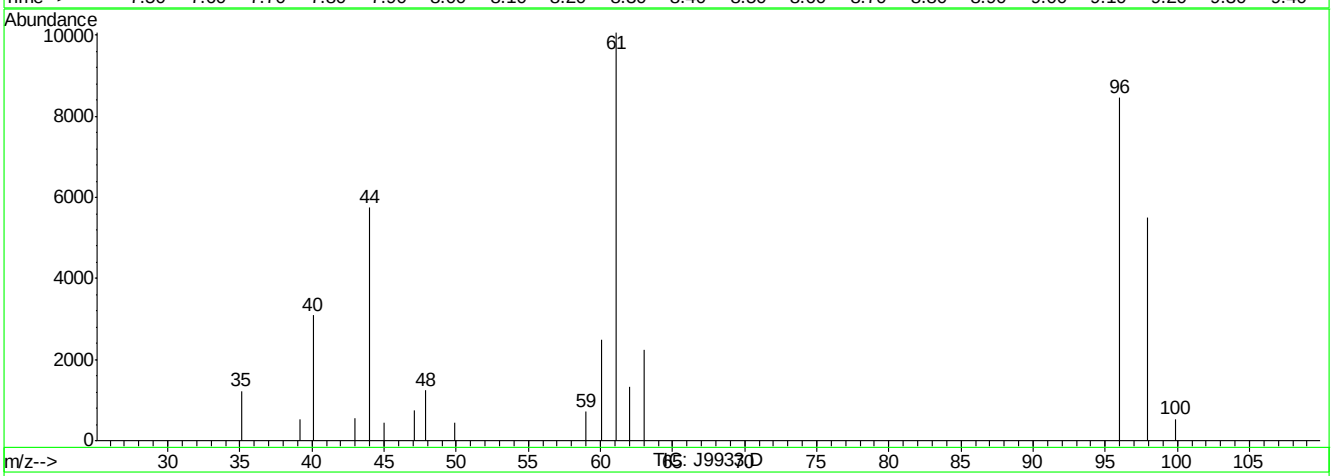
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





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

8.45min 0.22PPBV

response 7358

Ion	Exp%	Act%
96.00	100	100
98.00	63.90	137.37#
61.00	123.30	255.90#
0.00	0.00	0.00

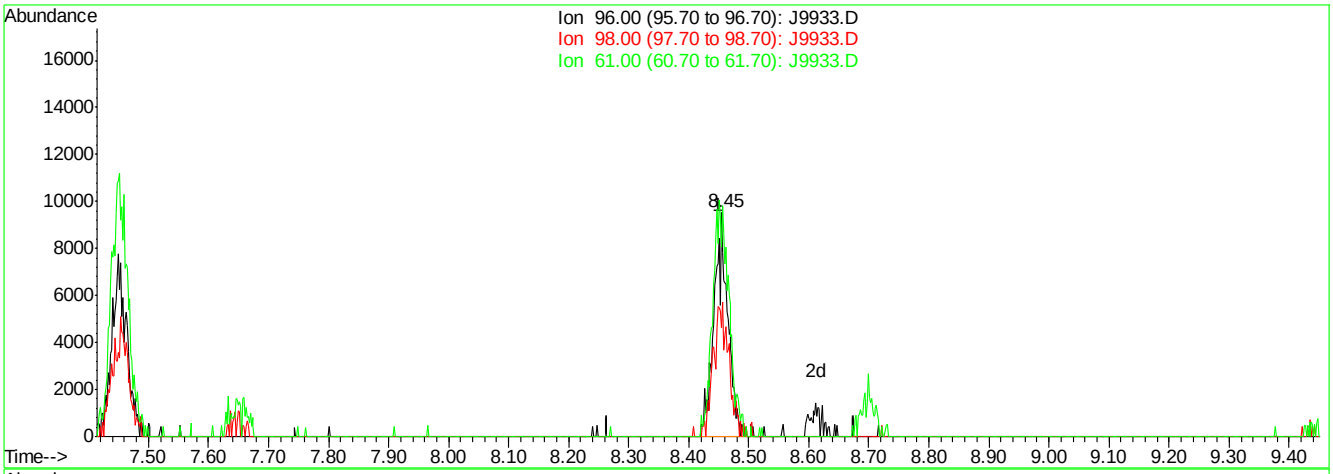
J9933.D J040407T.M Thu Apr 05 16:37:25 2007

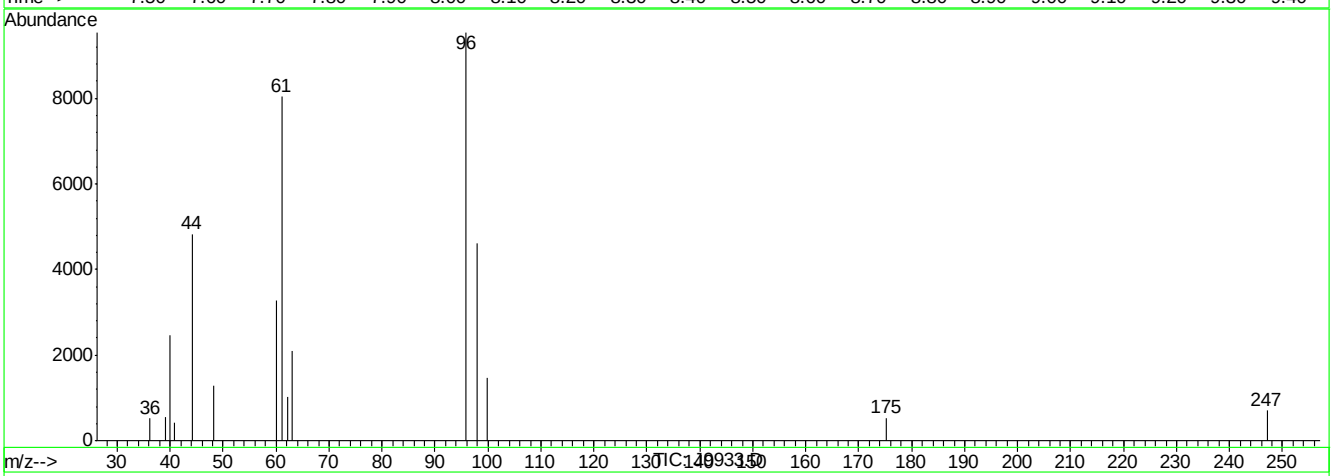
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





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

8.45min 0.45PPBV m

response 15353

Ion	Exp%	Act%
96.00	100	100
98.00	63.90	65.84
61.00	123.30	122.64
0.00	0.00	0.00

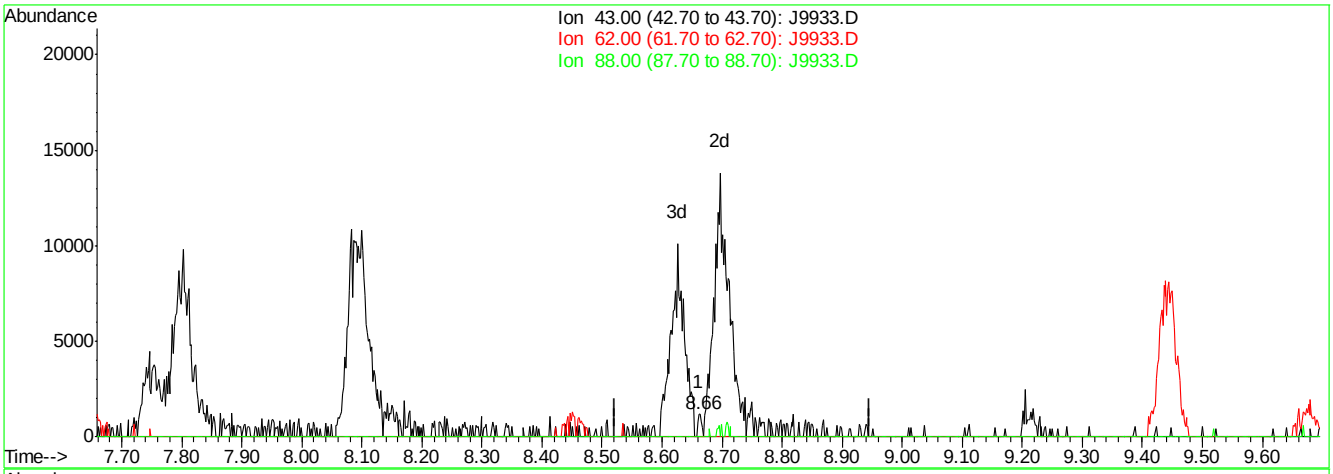
J9933.D J040407T.M Thu Apr 05 16:37:28 2007

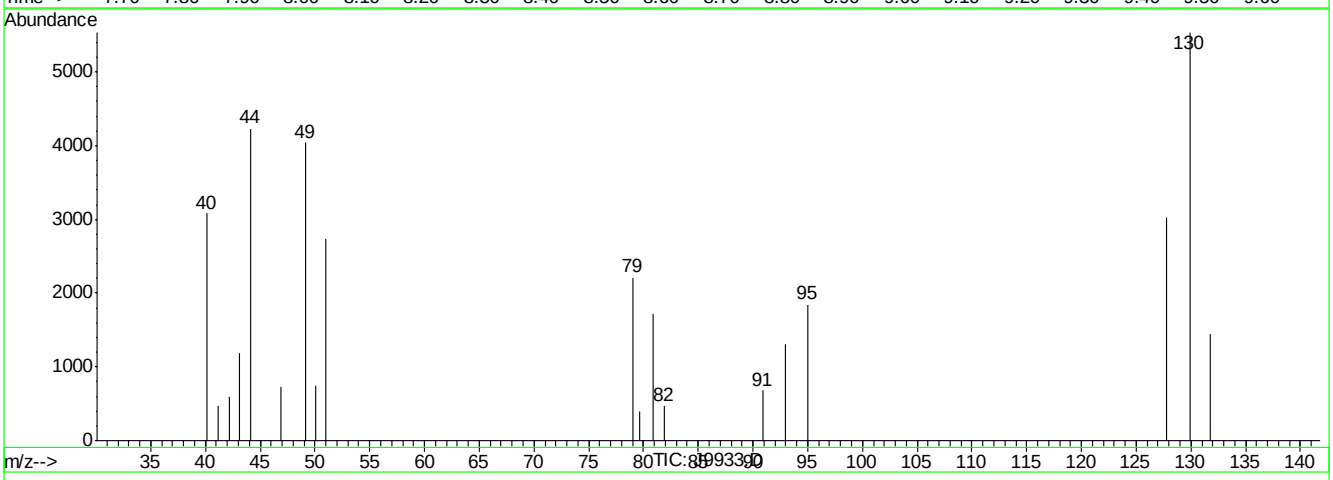
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(30) ETHYL ACETATE (m)

8.66min 0.01PPBV

response 467

Ion	Exp%	Act%
43.00	100	100
62.00	0.10	0.00
88.00	4.30	10.06
0.00	0.00	0.00

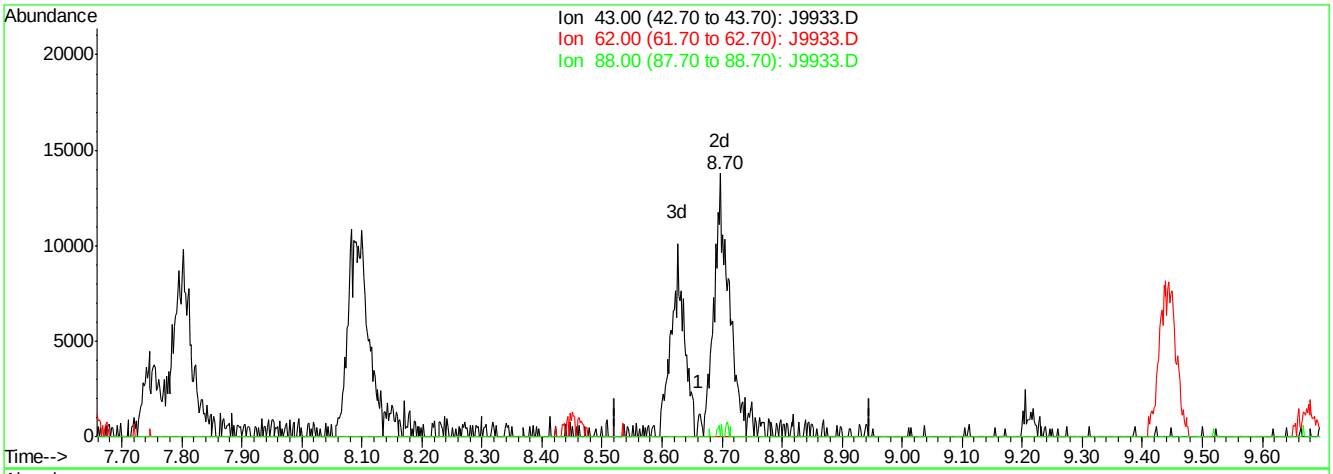
J9933.D J040407T.M Thu Apr 05 16:37:33 2007

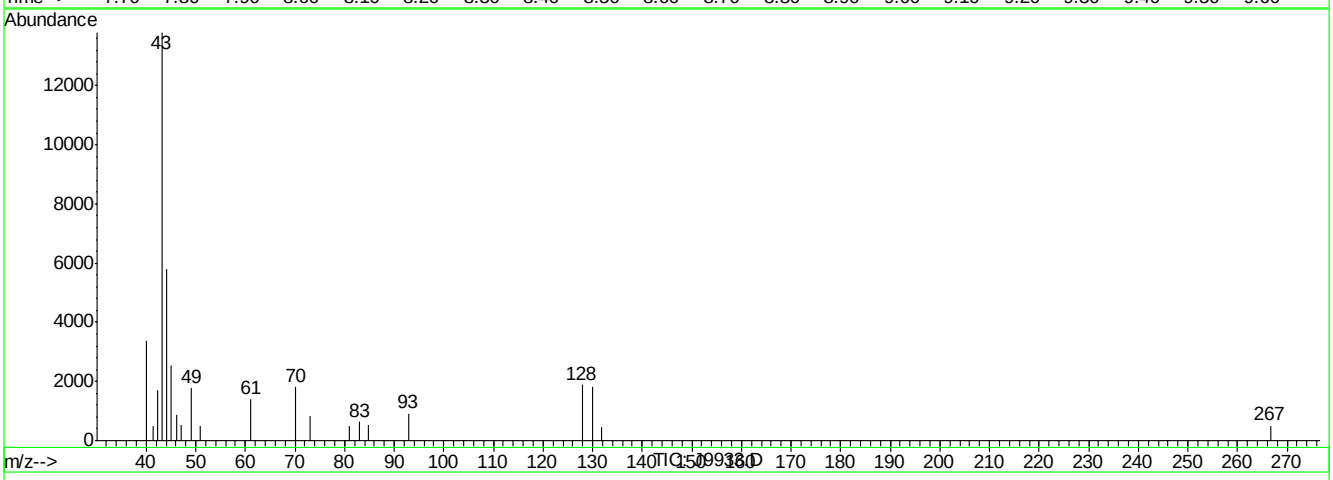
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(30) ETHYL ACETATE (m)

8.70min 0.50PPBV m

response 23213

Ion	Exp%	Act%
43.00	100	100
62.00	0.10	0.00
88.00	4.30	0.20
0.00	0.00	0.00

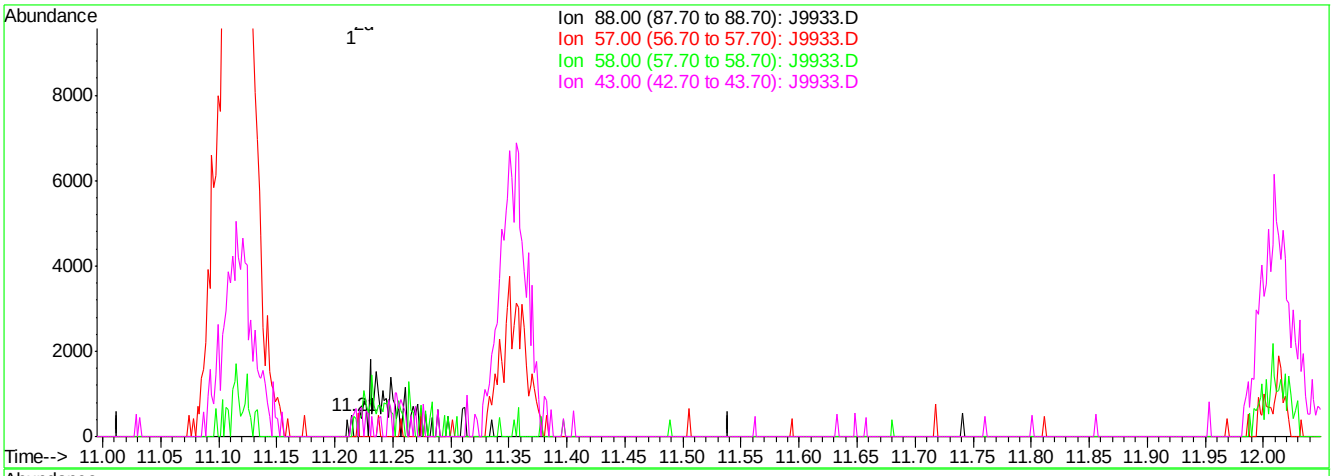
J9933.D J040407T.M Thu Apr 05 16:37:39 2007

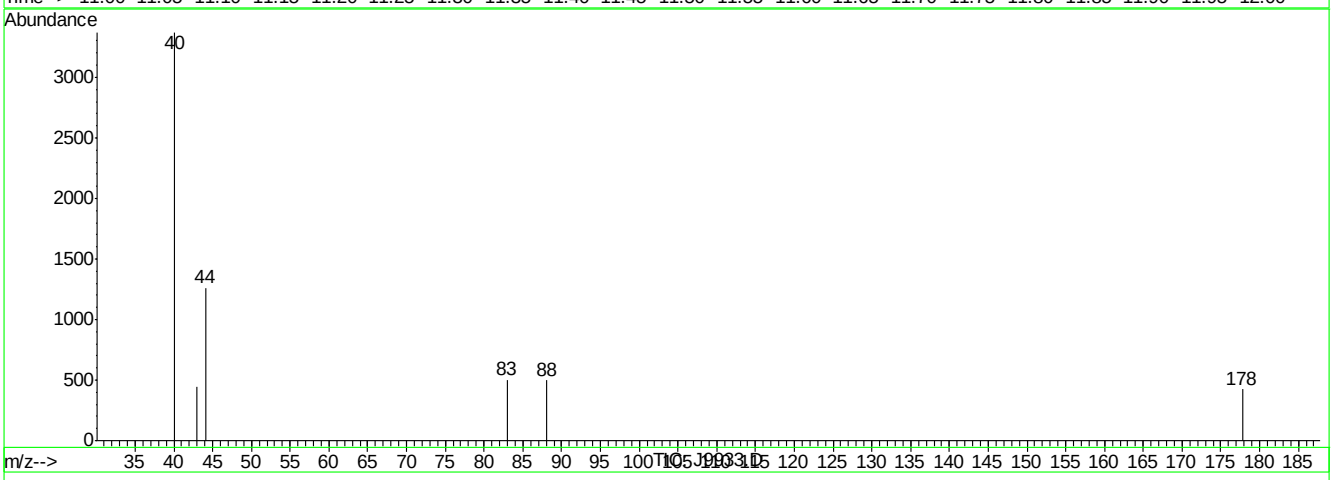
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(42) 1,4-DIOXANE (m)

11.21min 0.01PPBV

response 96

Ion	Exp%	Act%
88.00	100	100
57.00	31.00	0.00#
58.00	60.90	0.00#
43.00	32.20	90.12#

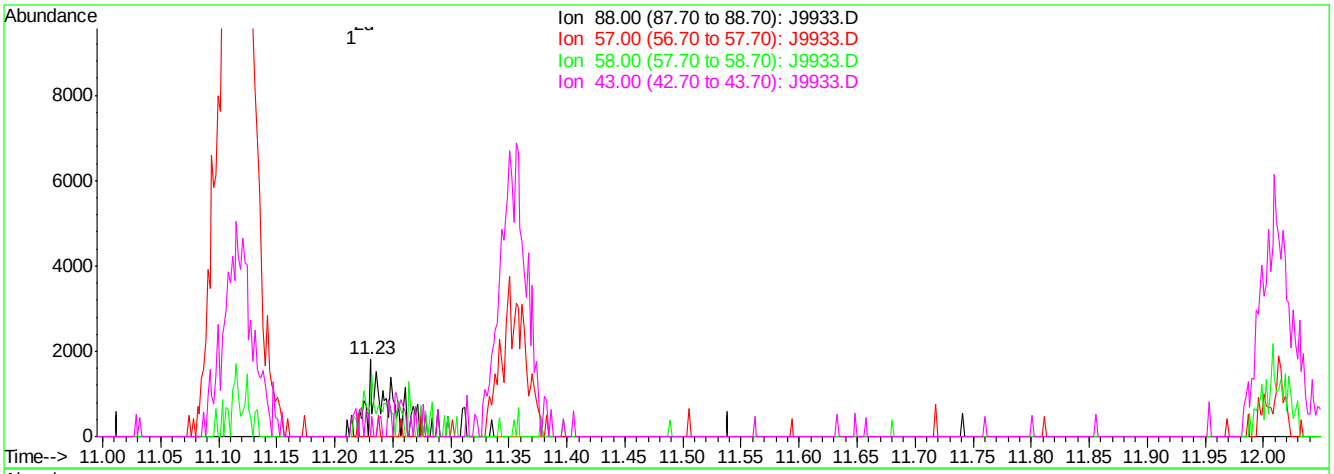
J9933.D J040407T.M Thu Apr 05 16:37:50 2007

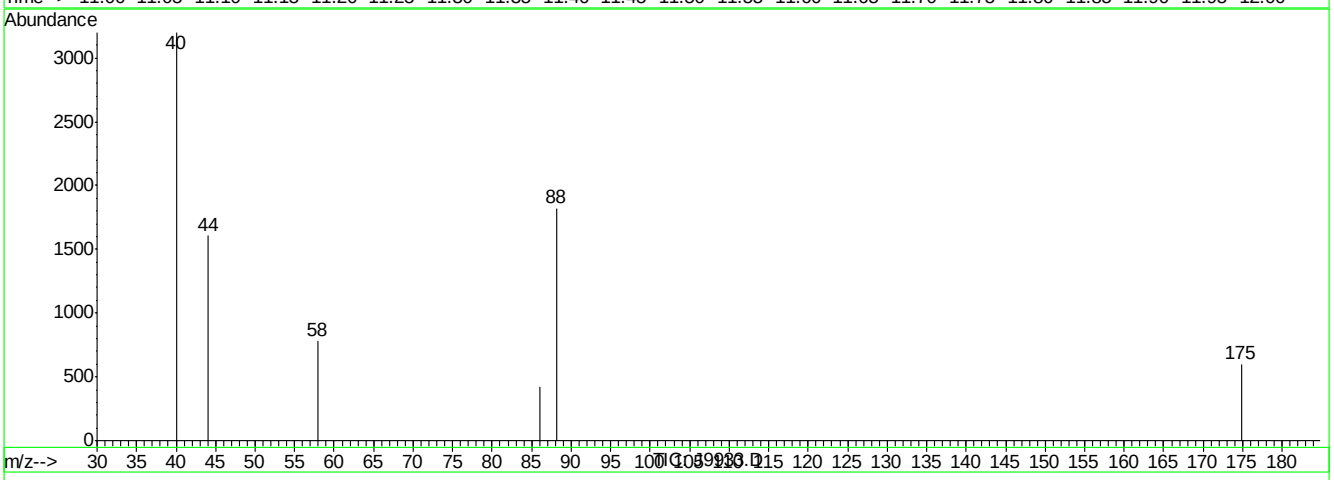
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(42) 1,4-DIOXANE (m)

11.23min 0.28PPBV m

response 2735

Ion	Exp%	Act%
88.00	100	100
57.00	31.00	0.00#
58.00	60.90	42.81
43.00	32.20	0.00#

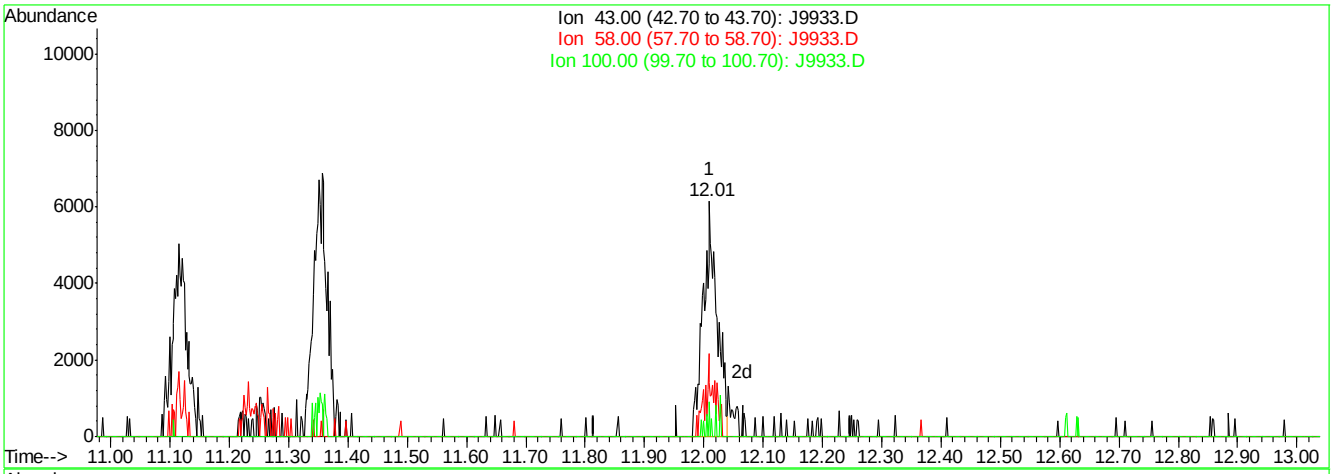
J9933.D J040407T.M Thu Apr 05 16:37:54 2007

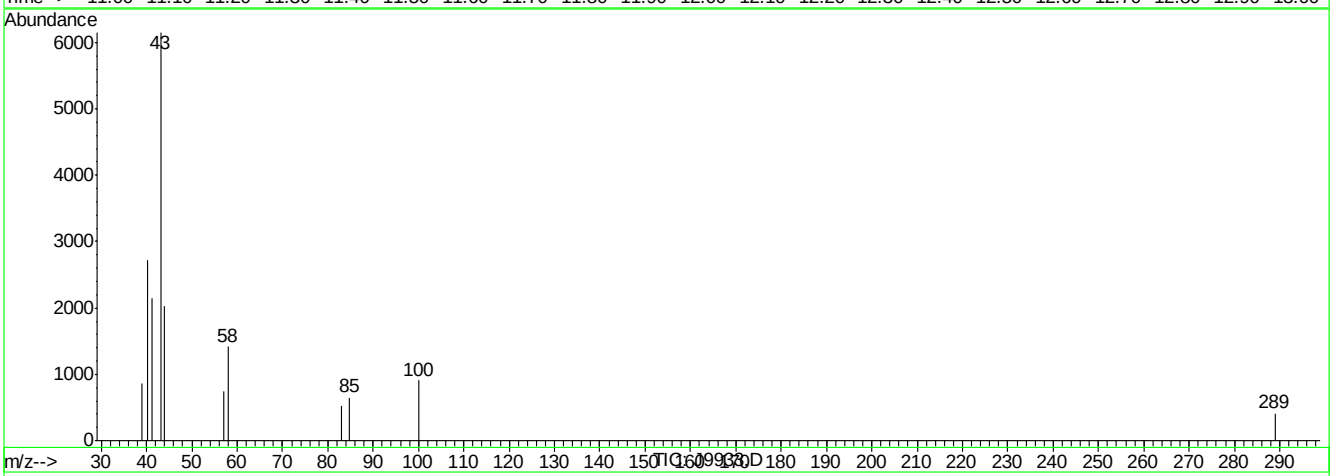
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(44) METHYL ISOBUTYL KETONE (m)

12.01min 0.23PPBV

response 9847

Ion	Exp%	Act%
43.00	100	100
58.00	36.80	24.27
100.00	13.90	3.14
0.00	0.00	0.00

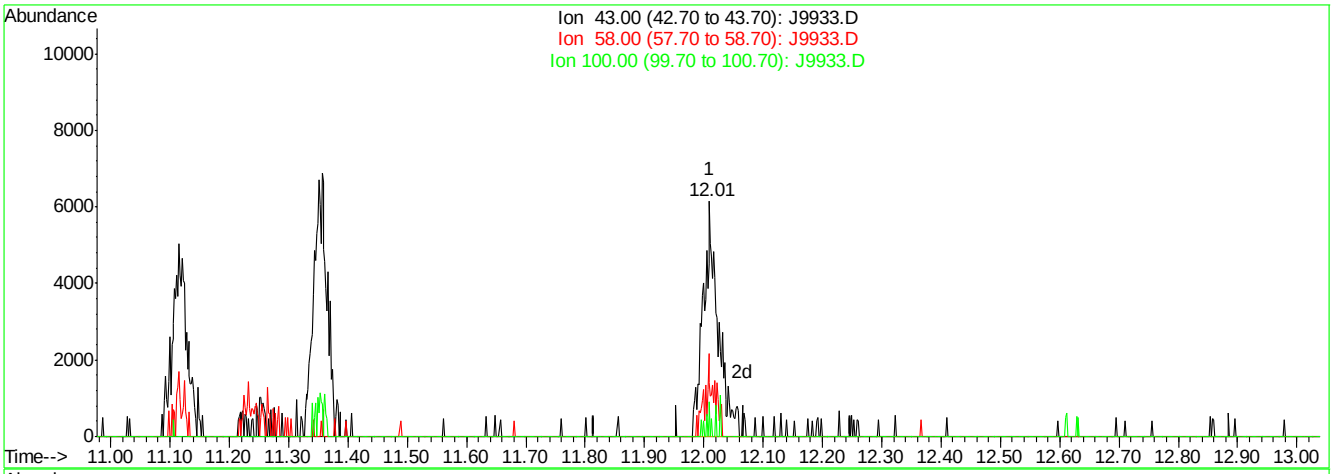
J9933.D J040407T.M Thu Apr 05 16:37:58 2007

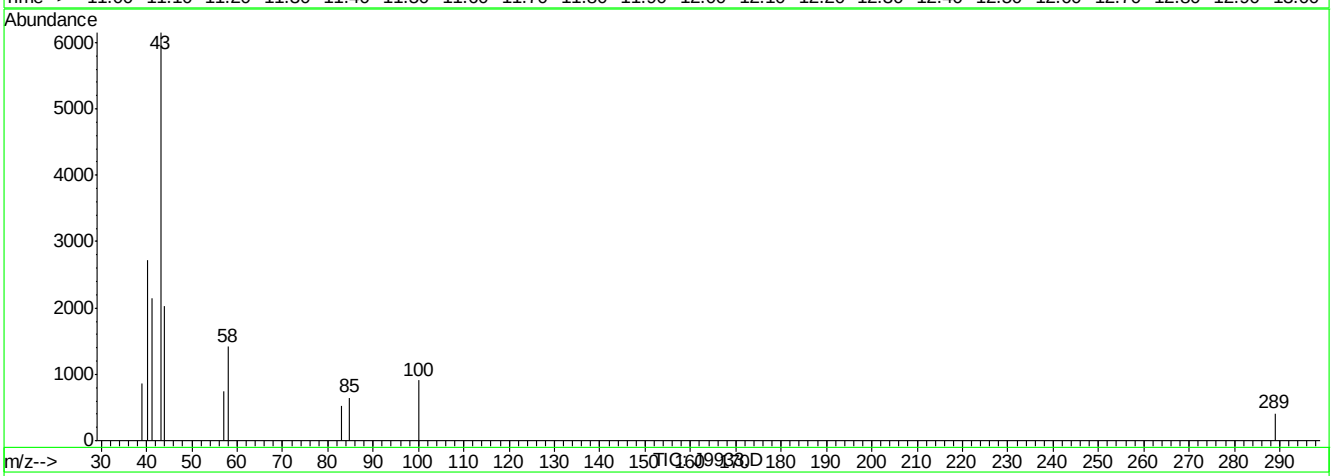
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(44) METHYL ISOBUTYL KETONE (m)

12.01min 0.25PPBV m

response 10816

Ion	Exp%	Act%
43.00	100	100
58.00	36.80	22.10
100.00	13.90	2.86
0.00	0.00	0.00

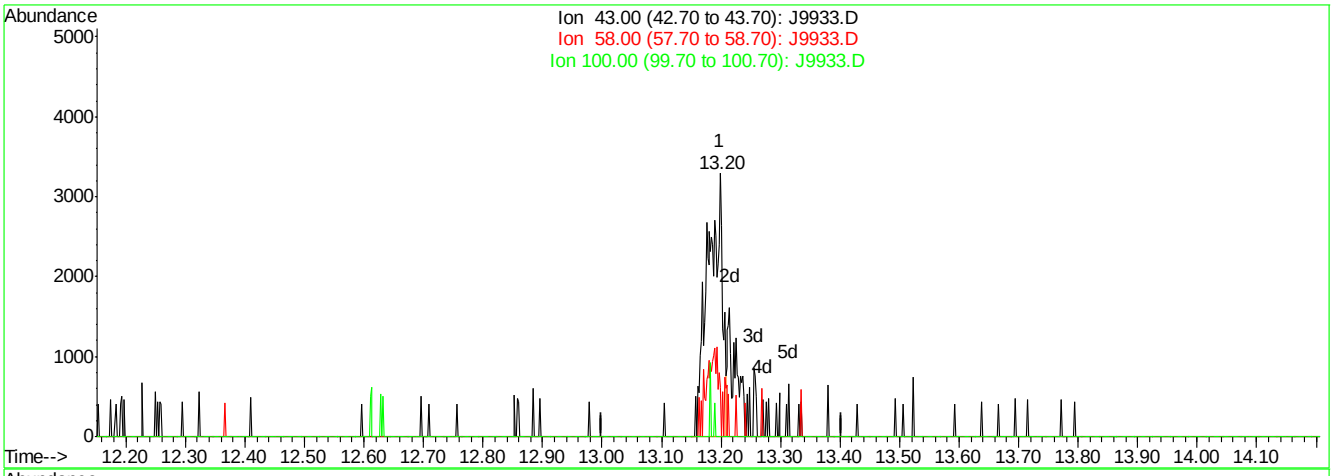
J9933.D J040407T.M Thu Apr 05 16:38:03 2007

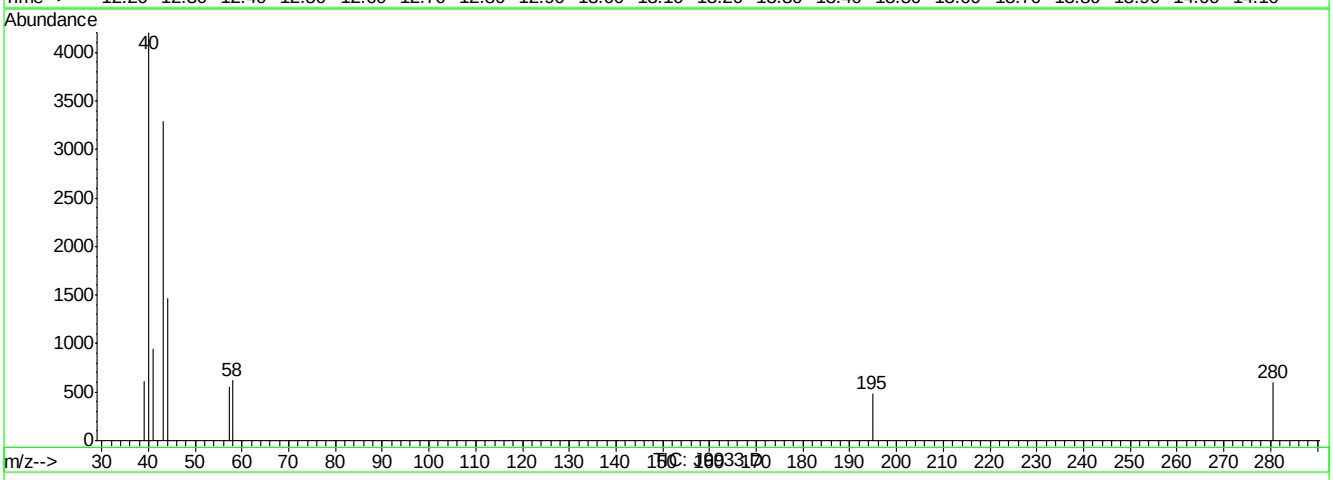
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(50) 2-HEXANONE (m)

13.20min 0.17PPBV

response 5485

Ion	Exp%	Act%
43.00	100	100
58.00	50.30	28.42#
100.00	9.90	2.61
0.00	0.00	0.00

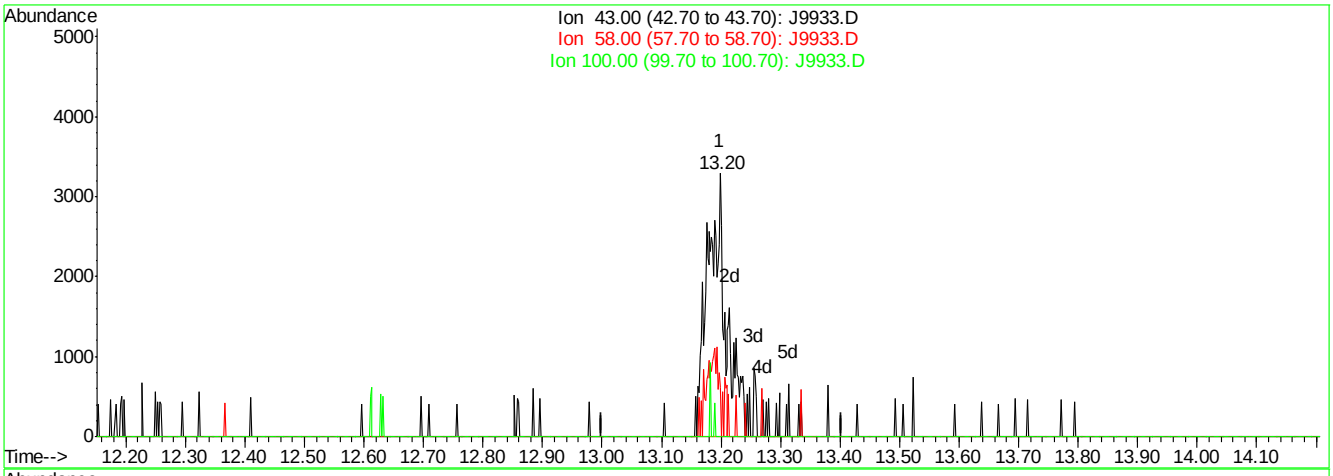
J9933.D J040407T.M Thu Apr 05 16:38:10 2007

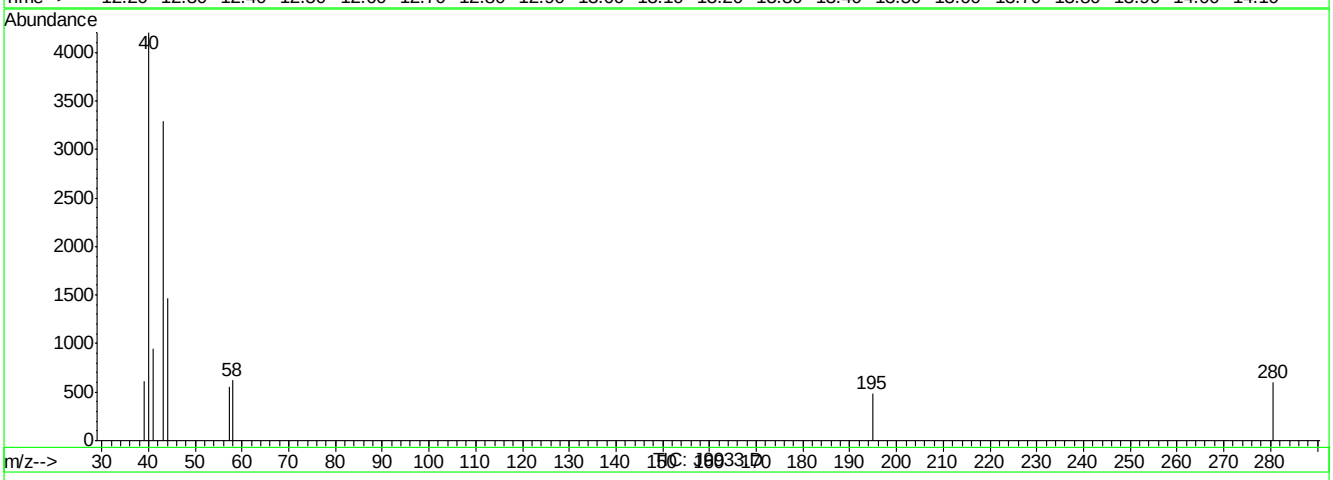
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(50) 2-HEXANONE (m)

13.20min 0.25PPBV m

response 7928

Ion	Exp%	Act%
43.00	100	100
58.00	50.30	19.66#
100.00	9.90	1.80
0.00	0.00	0.00

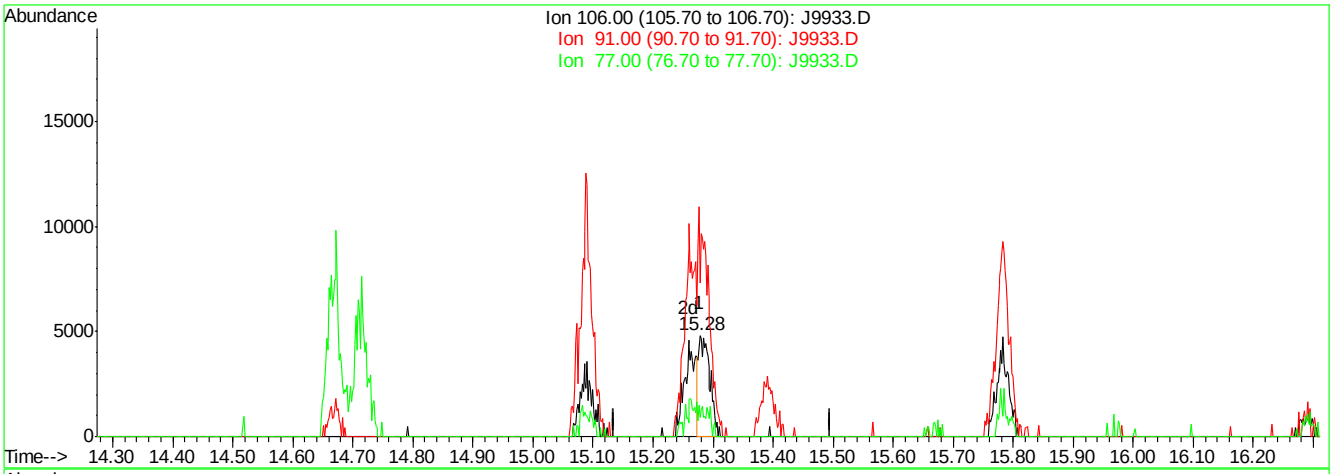
J9933.D J040407T.M Thu Apr 05 16:38:13 2007

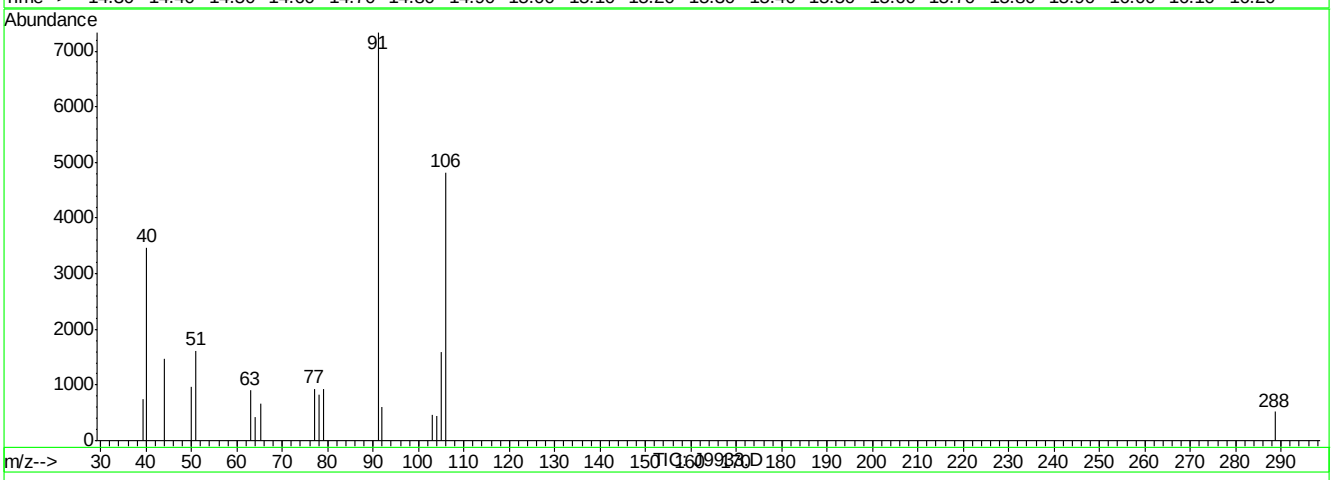
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(56) m,p-XYLENE (m)

15.28min 0.19PPBV

response 6299

Ion	Exp%	Act%
106.00	100	100
91.00	191.80	152.12#
77.00	27.10	19.38#
0.00	0.00	0.00

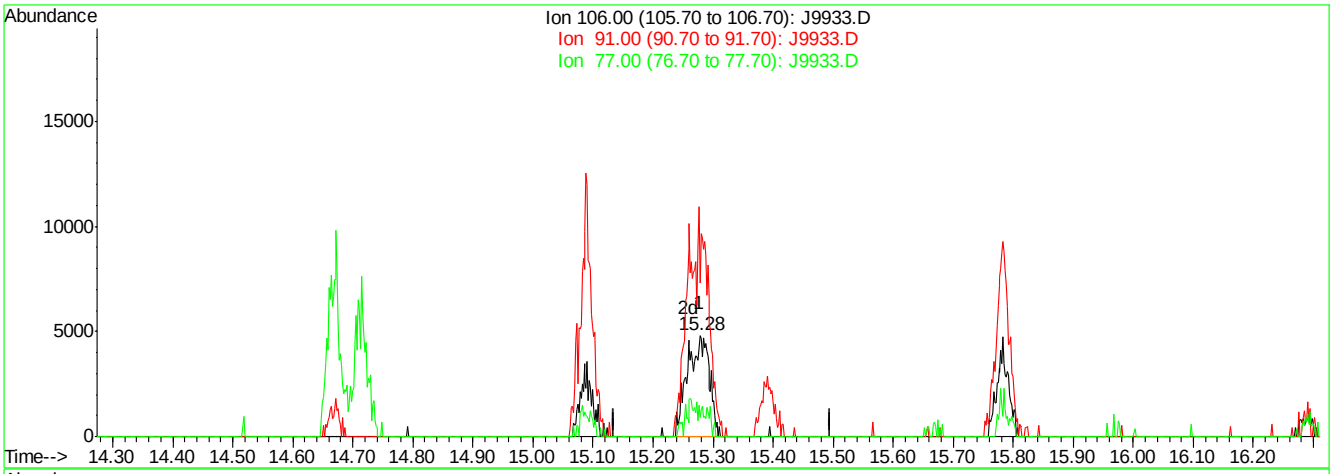
J9933.D J040407T.M Thu Apr 05 16:38:18 2007

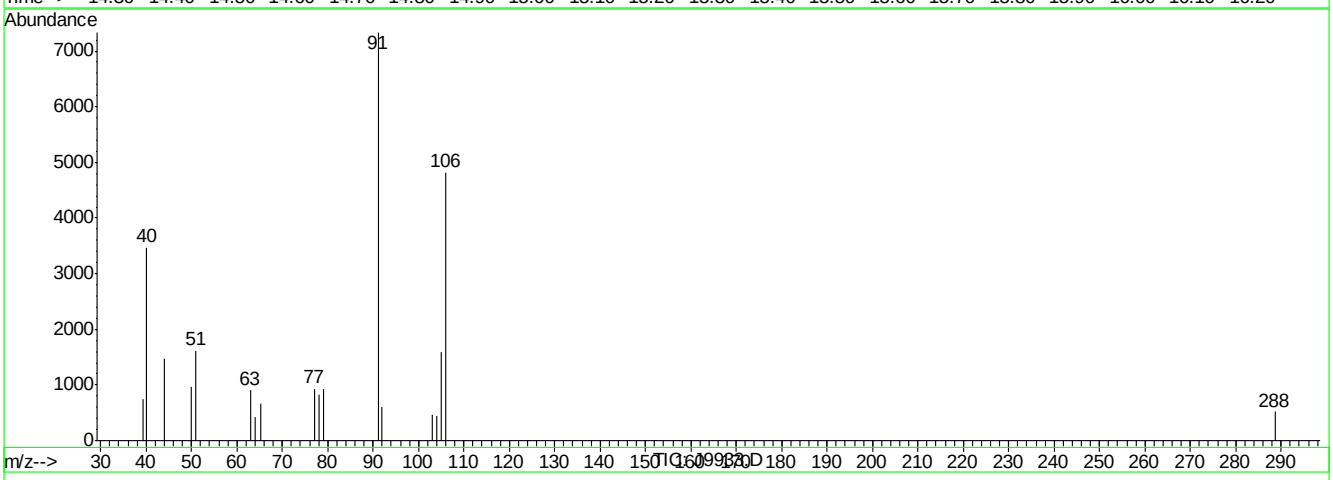
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(56) m,p-XYLENE (m)

15.28min 0.38PPBV m

response 12227

Ion	Exp%	Act%
106.00	100	100
91.00	191.80	152.12#
77.00	27.10	19.38#
0.00	0.00	0.00

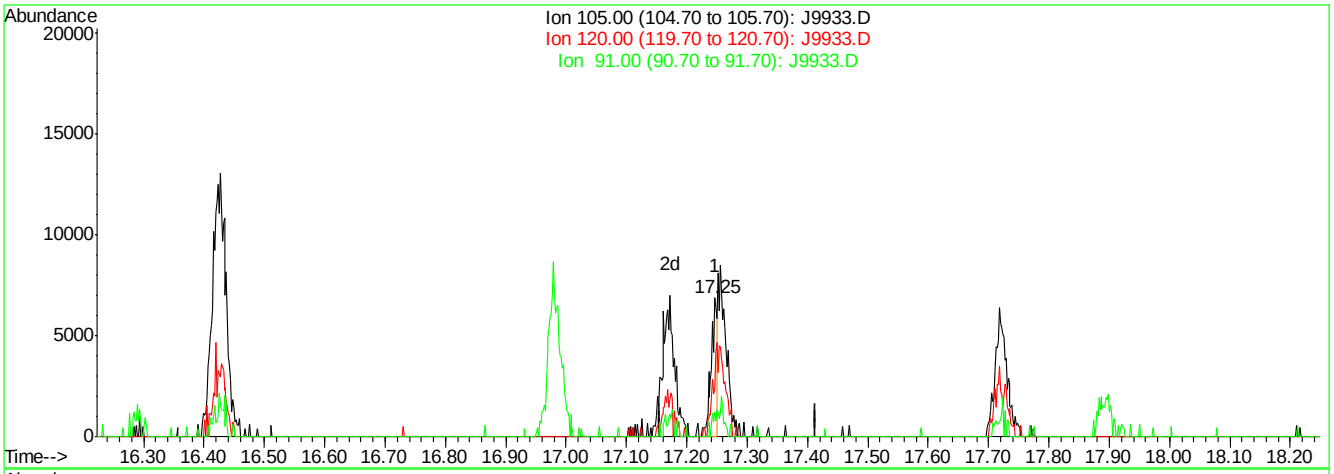
J9933.D J040407T.M Thu Apr 05 16:38:21 2007

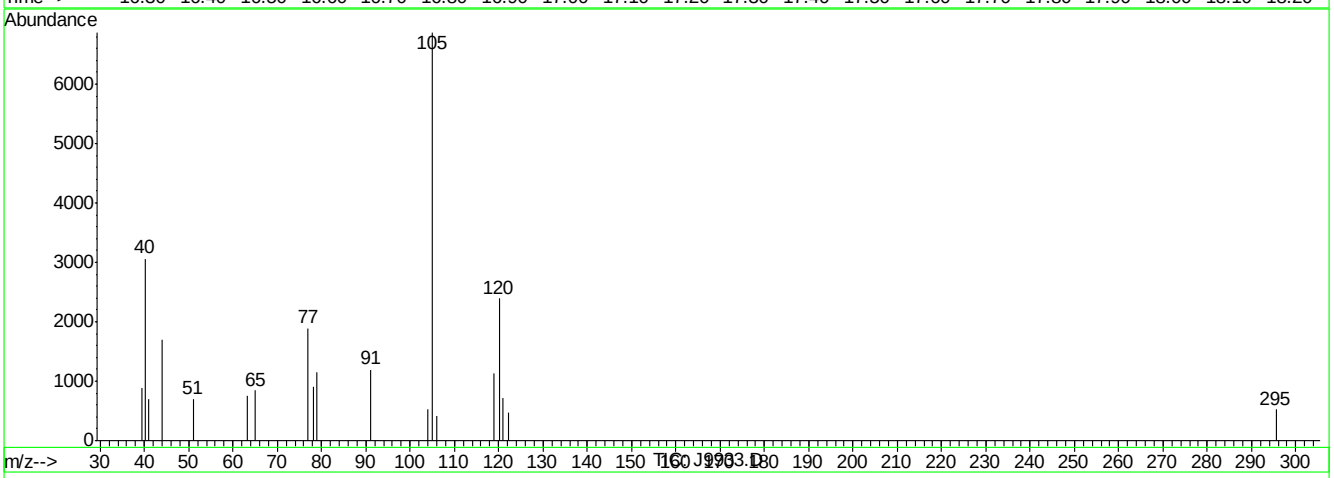
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(66) 1,3,5-TRIMETHYLBENZENE (m)

17.25min 0.05PPBV

response 4678

Ion	Exp%	Act%
105.00	100	100
120.00	48.40	134.31#
91.00	11.20	19.65
0.00	0.00	0.00

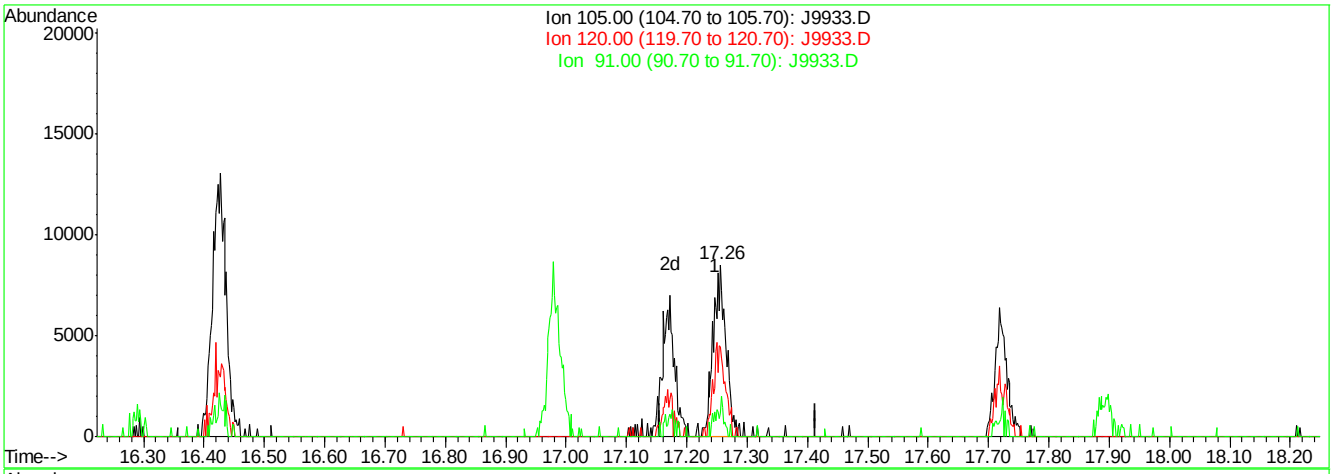
J9933.D J040407T.M Thu Apr 05 16:38:28 2007

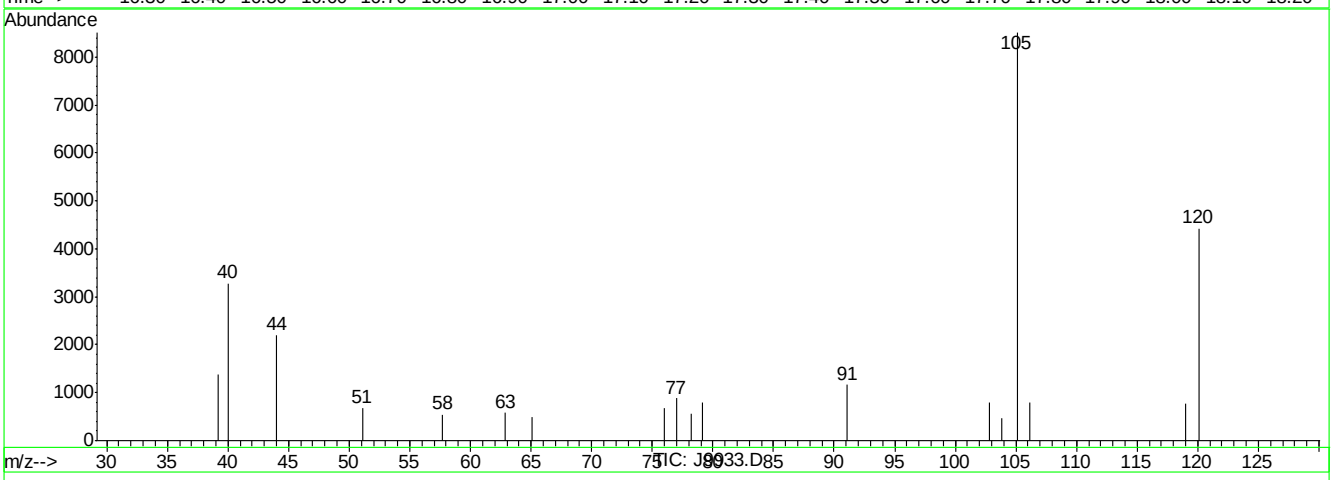
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(66) 1,3,5-TRIMETHYLBENZENE (m)

17.26min 0.14PPBV m

response 12547

Ion	Exp%	Act%
105.00	100	100
120.00	48.40	50.08
91.00	11.20	7.32
0.00	0.00	0.00

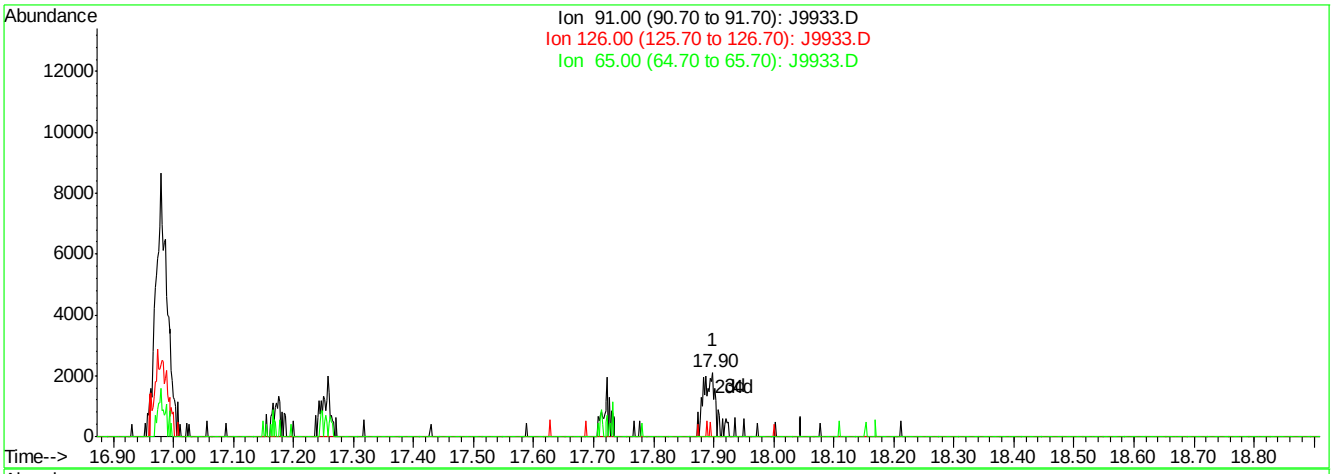
J9933.D J040407T.M Thu Apr 05 16:38:33 2007

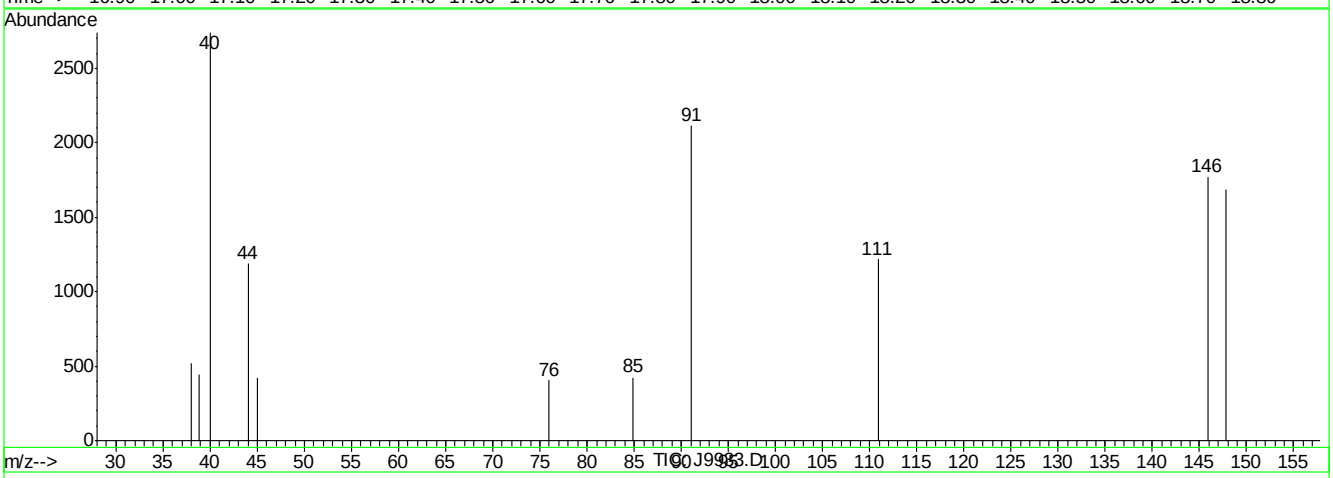
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(69) BENZYL CHLORIDE (m)

17.90min 0.07PPBV

response 2789

Ion	Exp%	Act%
91.00	100	100
126.00	19.50	0.00
65.00	11.80	0.00
0.00	0.00	0.00

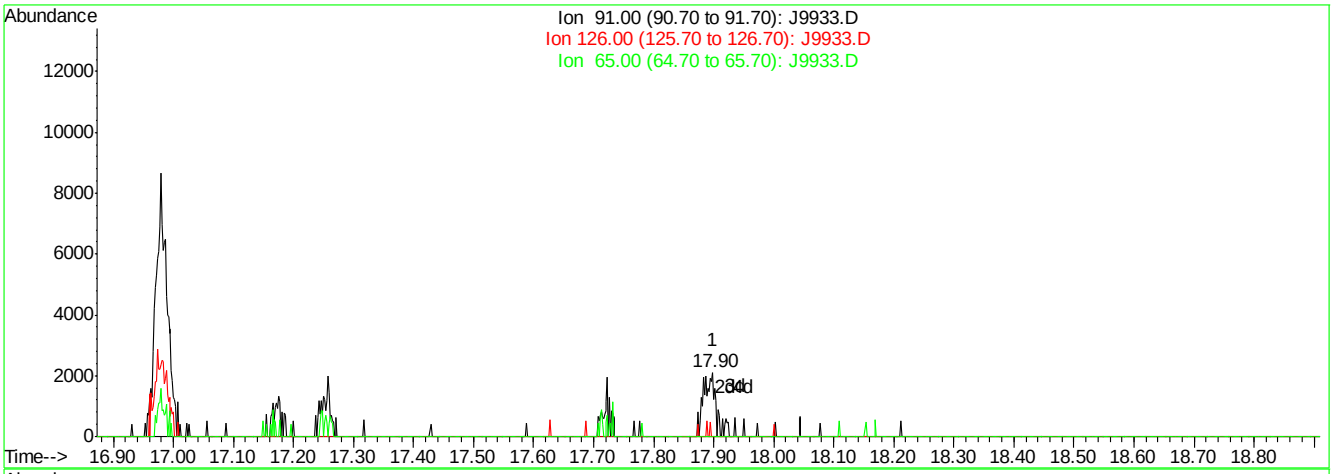
J9933.D J040407T.M Thu Apr 05 16:38:38 2007

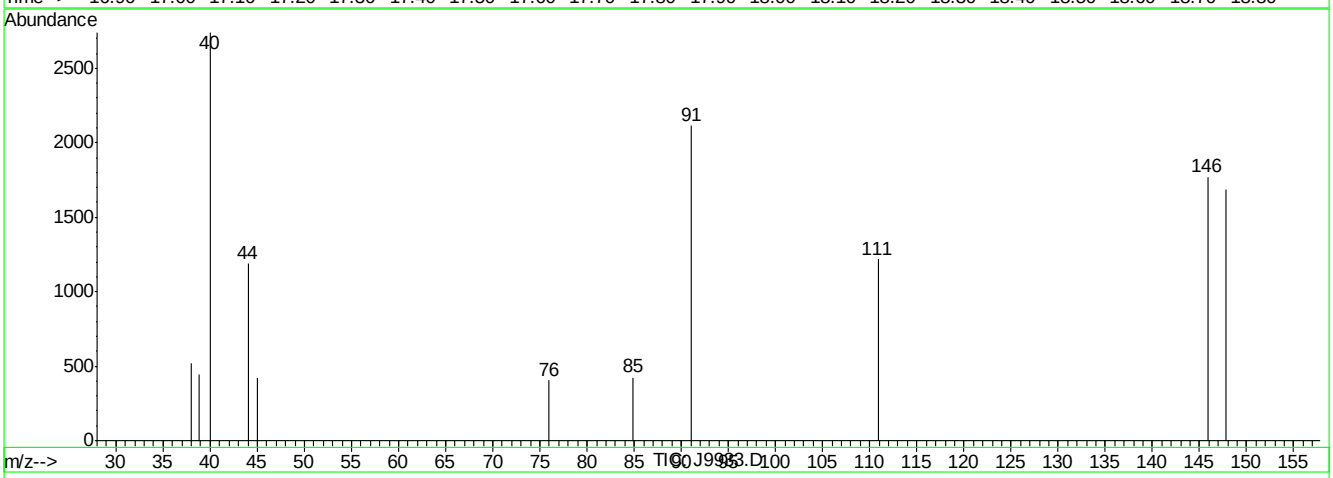
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(69) BENZYL CHLORIDE (m)

17.90min 0.08PPBV m

response 3230

Ion	Exp%	Act%
91.00	100	100
126.00	19.50	0.00
65.00	11.80	0.00
0.00	0.00	0.00

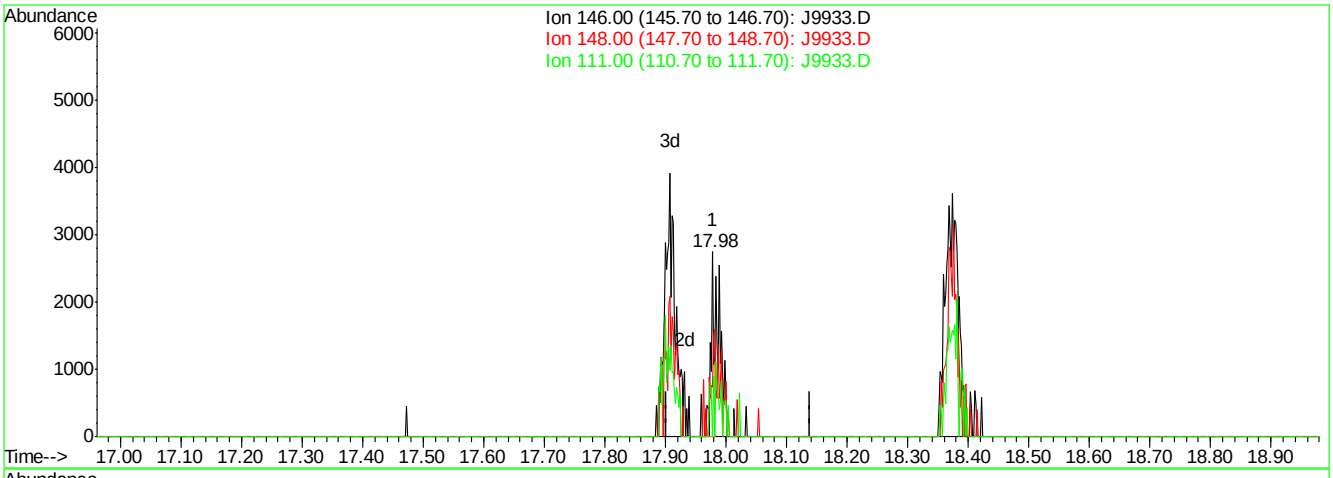
J9933.D J040407T.M Thu Apr 05 16:38:41 2007

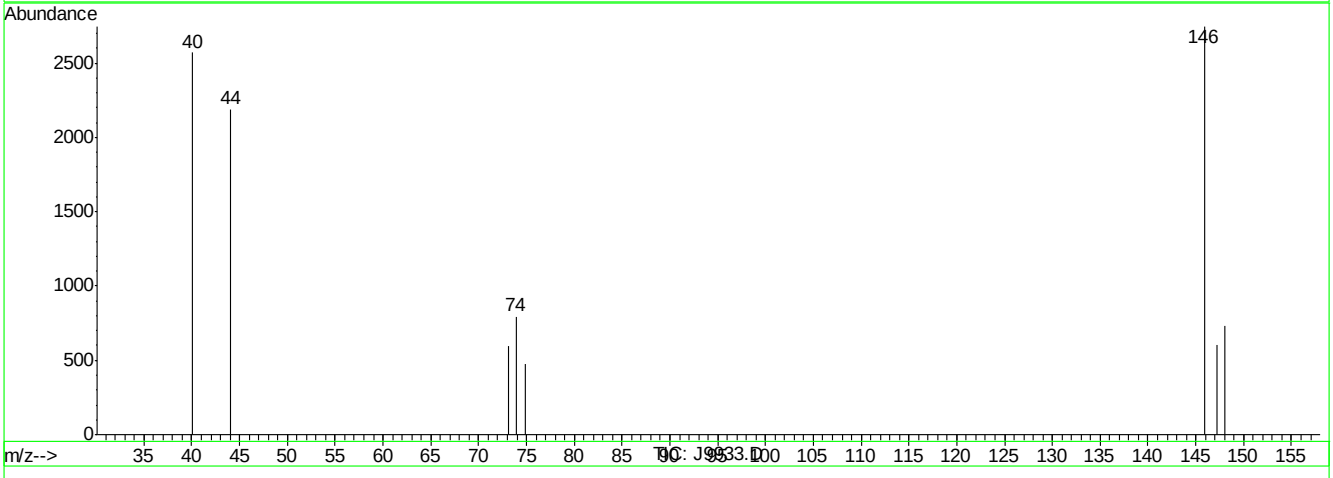
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(70) p-DICHLOROBENZENE (m)

17.98min 0.02PPBV

response 915

Ion	Exp%	Act%
146.00	100	100
148.00	59.80	118.47#
111.00	36.70	37.92
0.00	0.00	0.00

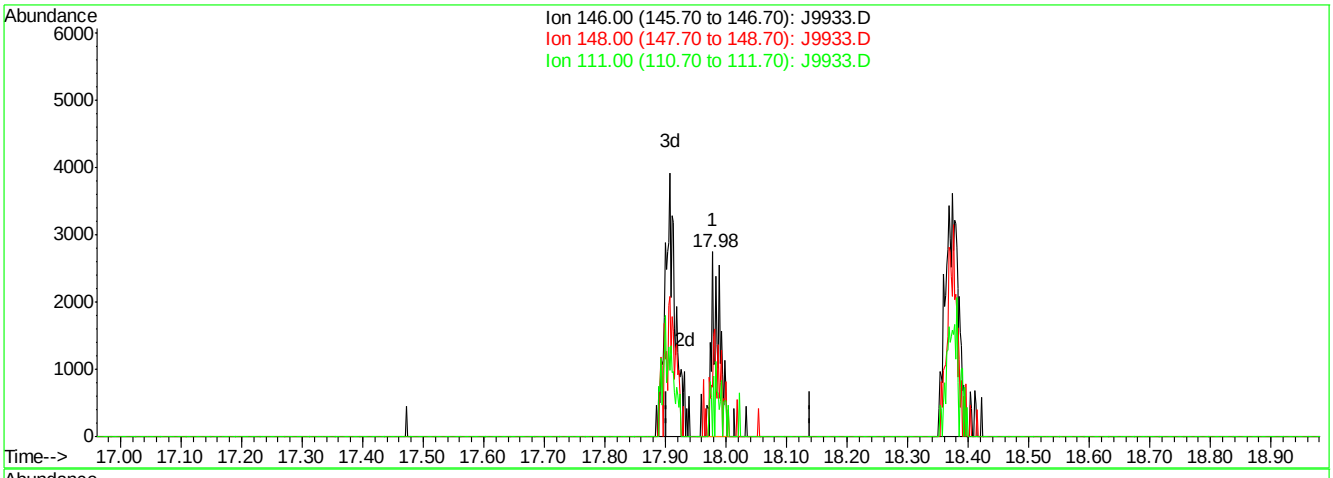
J9933.D J040407T.M Thu Apr 05 16:38:44 2007

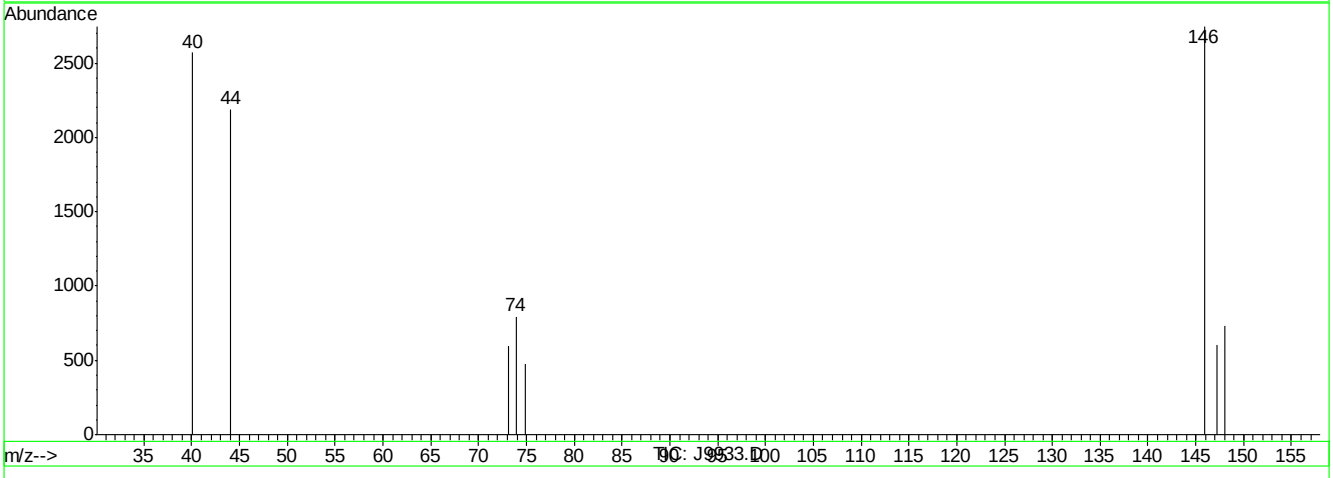
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9933.D Vial: 3
Acq On : 5 Apr 2007 4:02 pm Operator: PhilipB
Sample : IC513-.5 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 16:35:51 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 15:53:34 2007
Response via : Multiple Level Calibration





(70) p-DICHLOROBENZENE (m)

17.98min 0.06PPBV m

response 2474

Ion	Exp%	Act%
146.00	100	100
148.00	59.80	43.82
111.00	36.70	14.03#
0.00	0.00	0.00

J9933.D J040407T.M Thu Apr 05 16:38:48 2007

J9934.D

Manual Integrations APPROVED (compounds with "m" flag)

Doug Yargeau 04/06/07 12:03

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9934.D
Acq On : 5 Apr 2007 4:45 pm
Operator : PhilipB
Sample : IC513-.2 (M024)
Misc : MS13316, MSJ513,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 05 17:16:17 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 16:39:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.61	128	491064	10.00	PPBV	-0.02
35) 1,4-DIFLUOROBENZENE	10.43	114	1207102	10.00	PPBV	-0.02
49) CHLOROBENZENE-D5	14.67	117	937074	10.00	PPBV	-0.01
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.29	95	207530	3.54	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 70.80%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	20364	0.18	PPBV	97
3) PROPYLENE	3.98	41	3061m	0.17	PPBV	
4) FREON 114	4.32	85	17197	0.18	PPBV #	58
5) CHLOROMETHANE	4.23	50	5217m	0.21	PPBV	
6) VINYL CHLORIDE	4.44	62	4433m	0.16	PPBV	
7) 1,3-BUTADIENE	4.57	39	3028m	0.13	PPBV	
8) BROMOMETHANE	4.85	94	5335m	0.18	PPBV	
9) CHLOROETHANE	5.02	64	2235	0.18	PPBV #	51
10) TRICHLOROFLUOROMETHANE	5.79	101	23757m	0.20	PPBV	
11) ISOPROPYL ALCOHOL	5.99	45	10815m	0.23	PPBV	
12) ACETONE	5.69	43	12214	0.25	PPBV	72
13) PENTANE	6.13	42	6119m	0.23	PPBV	
14) 1,1-DICHLOROETHYLENE	6.42	96	4590m	0.16	PPBV	
15) CARBON DISULFIDE	6.84	76	17223	0.19	PPBV	75
16) ETHANOL	5.25	45	2212m	0.24	PPBV	
17) BROMOETHENE	5.37	106	4140	0.15	PPBV #	45
18) METHYLENE CHLORIDE	6.54	84	9565	0.29	PPBV	90
19) 3-CHLOROPROPENE	6.66	39	5214m	0.19	PPBV	
20) FREON 113	6.77	151	11296	0.17	PPBV #	76
21) TRANS-1,2-DICHLOROETHYLENE	7.44	96	5026	0.16	PPBV #	47
22) TERTIARY BUTYL ALCOHOL	6.61	59	6533m	0.13	PPBV	
23) METHYL TERTIARY BUTYL ETHE	7.75	73	9123	0.13	PPBV	90
24) TETRAHYDROFURAN	9.23	42	1944m	0.10	PPBV	
25) HEXANE	8.63	57	9522	0.24	PPBV #	81
26) VINYL ACETATE	7.81	43	6548m	0.15	PPBV	
27) 1,1-DICHLOROETHANE	7.65	63	10172	0.17	PPBV	91
28) METHYL ETHYL KETONE	8.10	43	8536	0.17	PPBV	91
29) cis-1,2-DICHLOROETHYLENE	8.45	96	5623	0.16	PPBV #	62
30) ETHYL ACETATE	8.70	43	9738	0.20	PPBV #	93
31) CHLOROFORM	8.73	83	17489	0.18	PPBV #	67
32) 1,1,1-TRICHLOROETHANE	9.67	97	12334	0.16	PPBV	92
33) CARBON TETRACHLORIDE	10.25	117	15872	0.17	PPBV	95
34) 1,2-DICHLOROETHANE	9.44	62	6151	0.16	PPBV	93
36) BENZENE	10.12	78	7430	0.13	PPBV #	66
37) CYCLOHEXANE	10.35	84	2606m	0.10	PPBV	
38) TRICHLOROETHYLENE	11.10	95	3379	0.10	PPBV #	64
39) 1,2-DICHLOROPROPANE	10.88	63	3217	0.16	PPBV	88
40) BROMODICHLOROMETHANE	11.08	83	9237	0.14	PPBV #	56
41) 2,2,4-TRIMETHYLPENTANE	11.11	57	10473	0.10	PPBV	78
43) HEPTANE	11.35	43	3471	0.10	PPBV #	73
44) METHYL ISOBUTYL KETONE	12.02	43	3009m	0.07	PPBV	

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9934.D
Acq On : 5 Apr 2007 4:45 pm
Operator : PhilipB
Sample : IC513-.2 (M024)
Misc : MS13316, MSJ513,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 05 17:16:17 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 16:39:03 2007
Response via : Initial Calibration

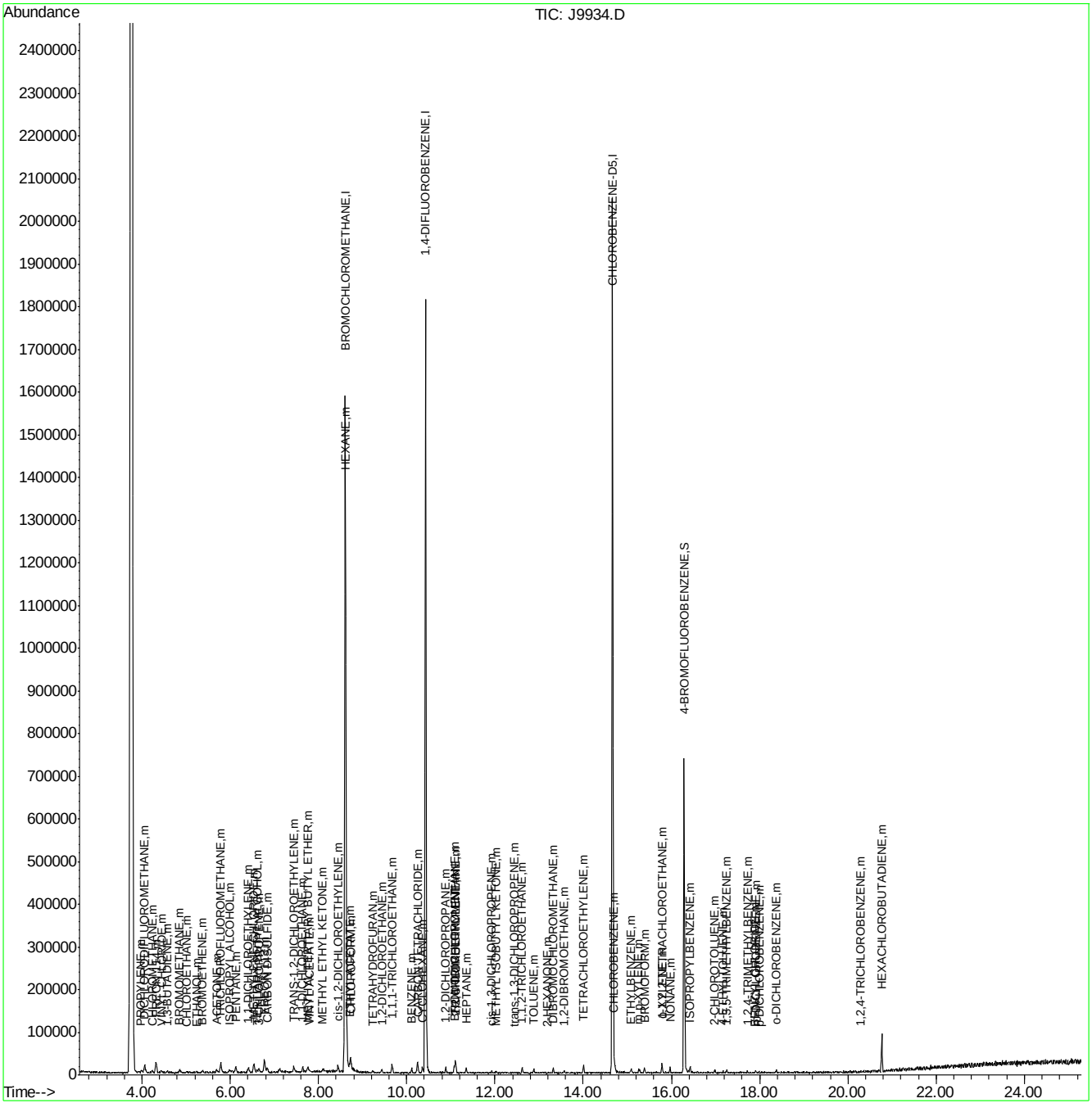
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) cis-1,3-DICHLOROPROPENE	11.93	75	2014	0.07	PPBV		85
46) TOLUENE	12.88	92	3597	0.10	PPBV		87
47) trans-1,3-DICHLOROPROPENE	12.43	75	772	0.04	PPBV	#	70
48) 1,1,2-TRICHLOROETHANE	12.61	83	3072	0.14	PPBV		84
50) 2-HEXANONE	13.20	43	2357m	0.07	PPBV		
51) TETRACHLOROETHYLENE	14.02	164	3094	0.11	PPBV		91
52) DIBROMOCHLOROMETHANE	13.31	129	6684	0.12	PPBV		93
53) 1,2-DIBROMOETHANE	13.56	107	2894	0.09	PPBV	#	95
54) CHLOROBENZENE	14.71	112	5414	0.11	PPBV		97
55) ETHYLBENZENE	15.09	91	5385	0.07	PPBV		85
56) m,p-XYLENE	15.26	106	3217m	0.10	PPBV		
57) o-XYLENE	15.78	106	1881	0.05	PPBV	#	1
59) NONANE	15.97	43	3056	0.06	PPBV	#	66
60) BROMOFORM	15.39	173	4621	0.09	PPBV	#	97
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	6955	0.11	PPBV	#	56
63) ISOPROPYLBENZENE	16.42	105	6094	0.06	PPBV	#	72
64) 2-CHLOROTOLUENE	16.98	91	3749	0.05	PPBV	#	52
65) 4-ETHYLTOLUENE	17.17	105	2702m	0.03	PPBV		
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	3734	0.04	PPBV		80
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	2690m	0.03	PPBV		
68) m-DICHLOROBENZENE	17.90	146	1200	0.02	PPBV	#	69
69) BENZYL CHLORIDE	17.89	91	928	0.02	PPBV	#	62
70) p-DICHLOROBENZENE	17.98	146	673m	0.02	PPBV		
71) o-DICHLOROBENZENE	18.37	146	1984m	0.04	PPBV		
72) HEXACHLOROBUTADIENE	20.77	225	9165	0.19	PPBV		94
73) 1,2,4-TRICHLOROBENZENE	20.28	180	606	0.06	PPBV	#	31

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9934.D
Acq On : 5 Apr 2007 4:45 pm
Operator : PhilipB
Sample : IC513-.2 (M024)
Misc : MS13316, MSJ513,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 05 17:16:17 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 16:39:03 2007
Response via : Initial Calibration



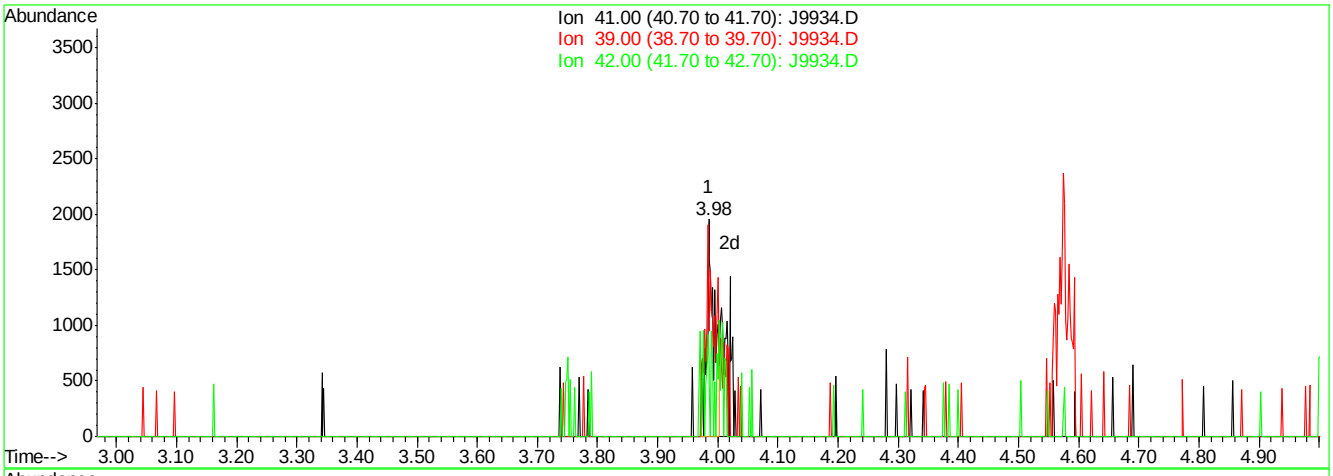
ACCUTEST Laboratories M64701

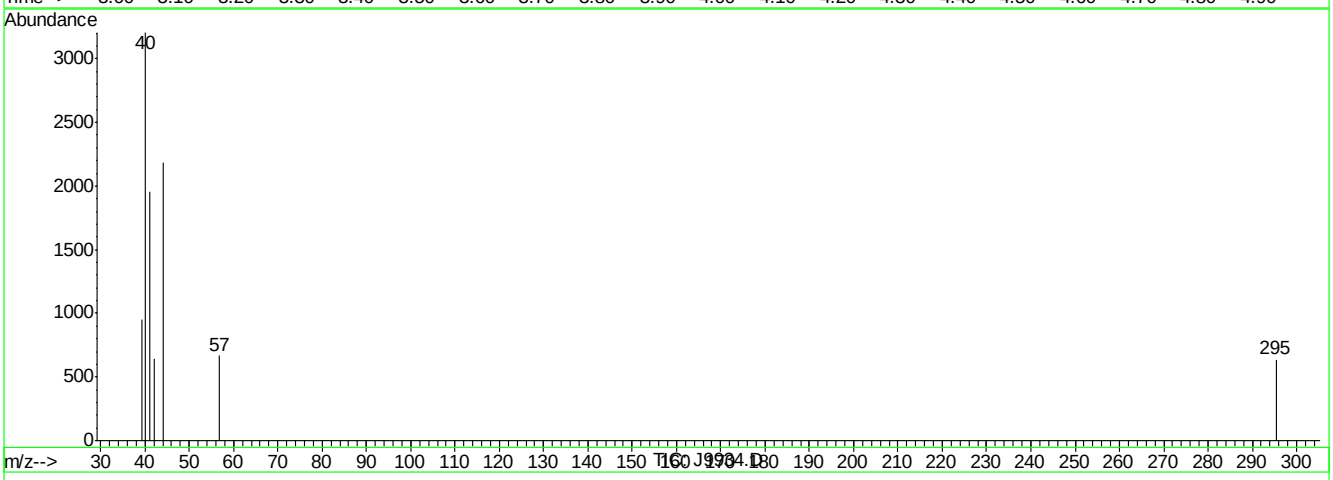
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(3) PROPYLENE (m)

3.98min 0.10PPBV

response 1742

Ion	Exp%	Act%
41.00	100	100
39.00	79.30	48.39#
42.00	66.90	33.06#
0.00	0.00	0.00

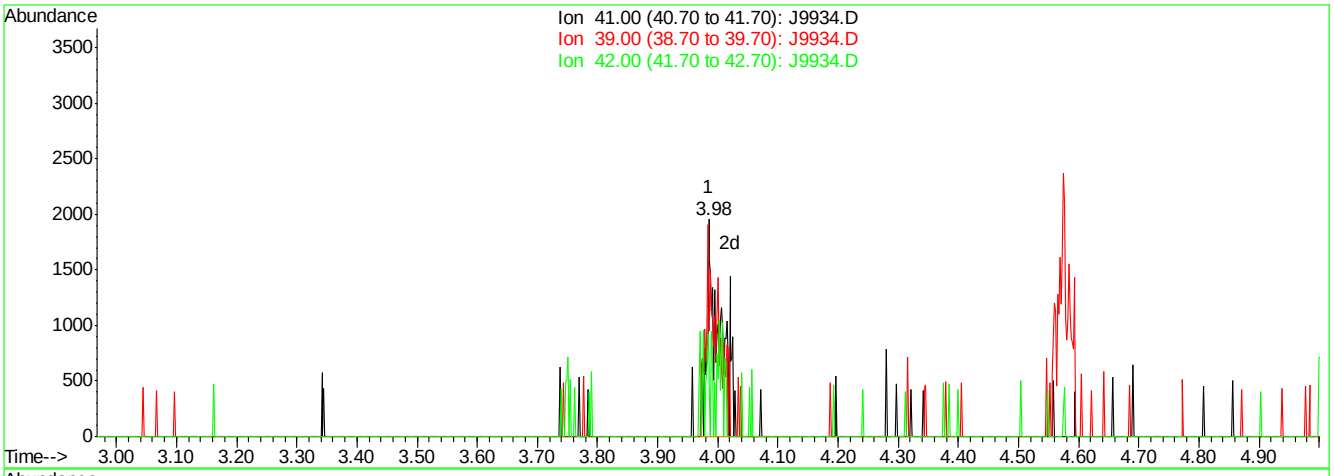
J9934.D J040407T.M Thu Apr 05 17:11:36 2007

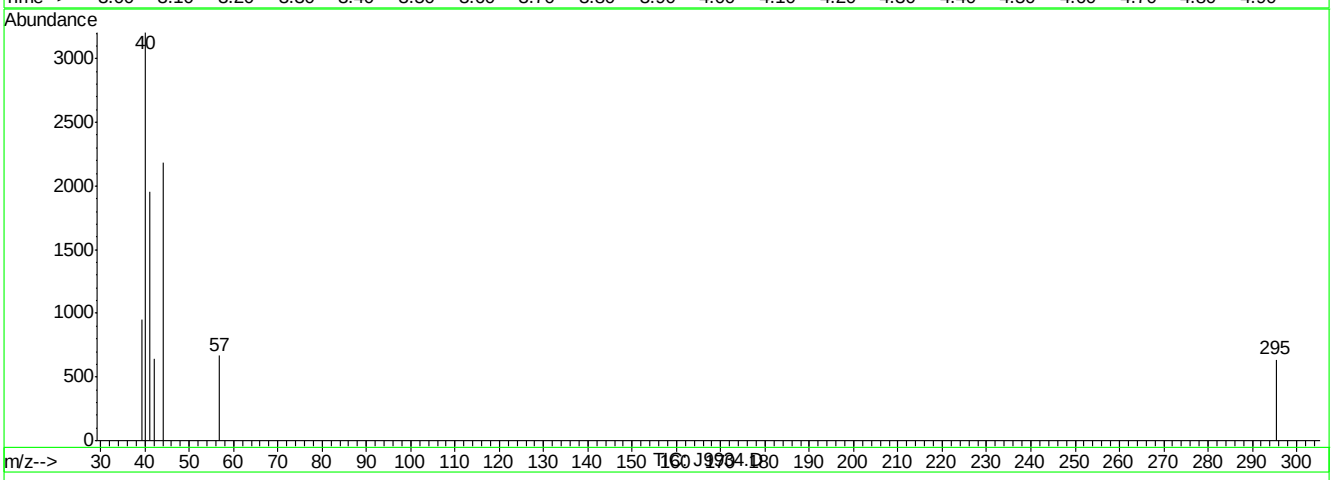
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(3) PROPYLENE (m)

3.98min 0.17PPBV m

response 3061

Ion	Exp%	Act%
41.00	100	100
39.00	79.30	48.39#
42.00	66.90	33.06#
0.00	0.00	0.00

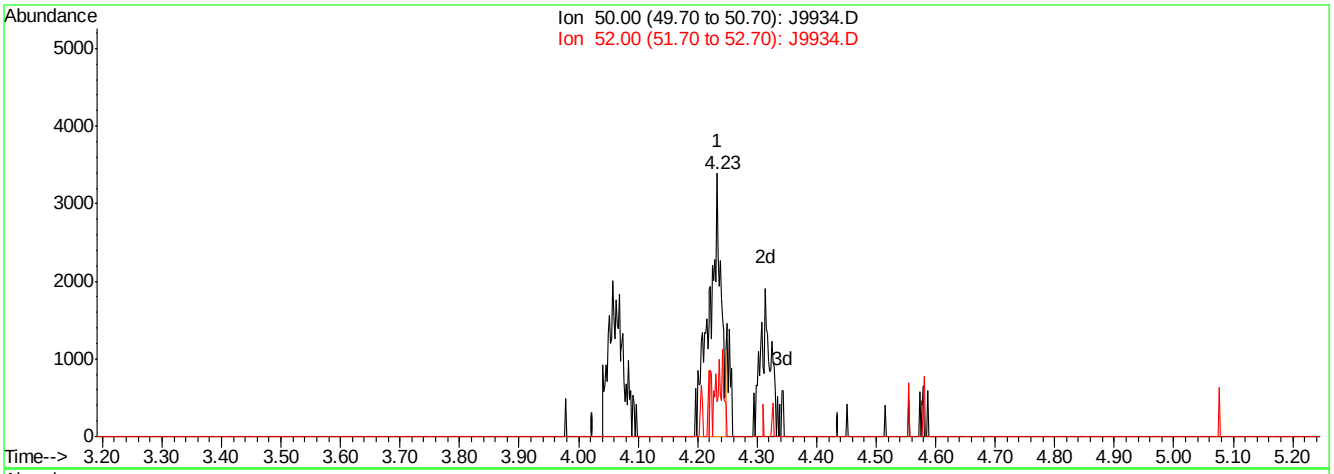
J9934.D J040407T.M Thu Apr 05 17:11:39 2007

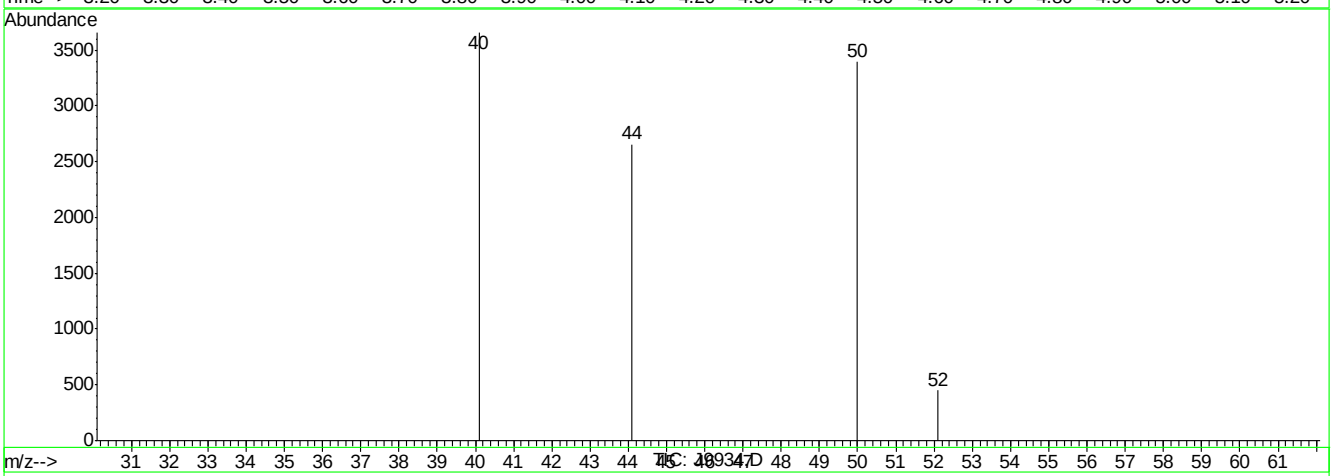
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(5) CHLOROMETHANE (m)

4.23min 0.18PPBV

response 4559

Ion	Exp%	Act%
50.00	100	100
52.00	29.80	7.84#
0.00	0.00	0.00
0.00	0.00	0.00

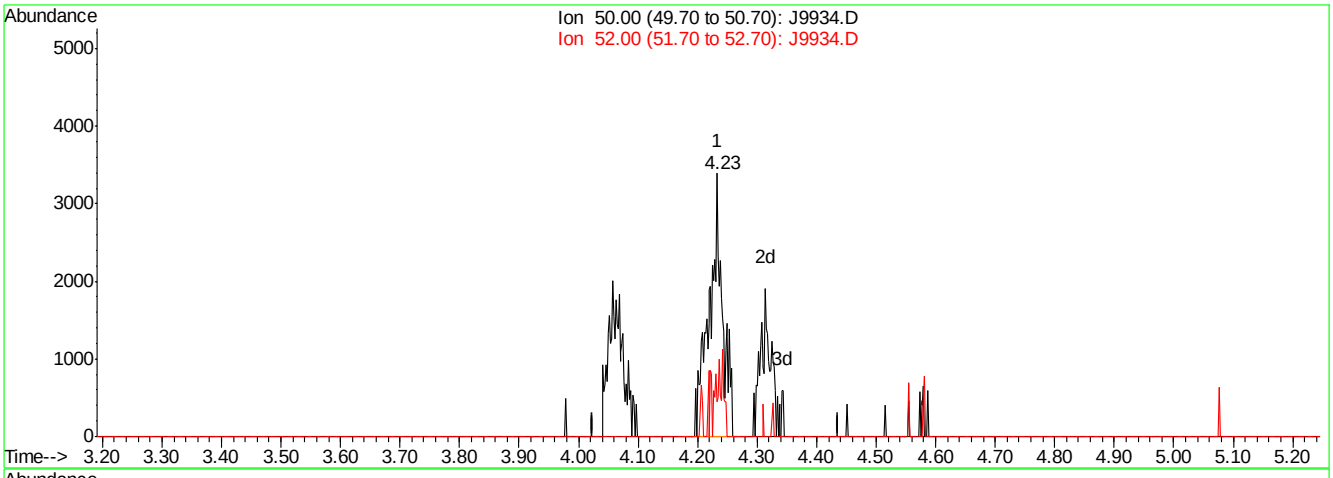
J9934.D J040407T.M Thu Apr 05 17:12:26 2007

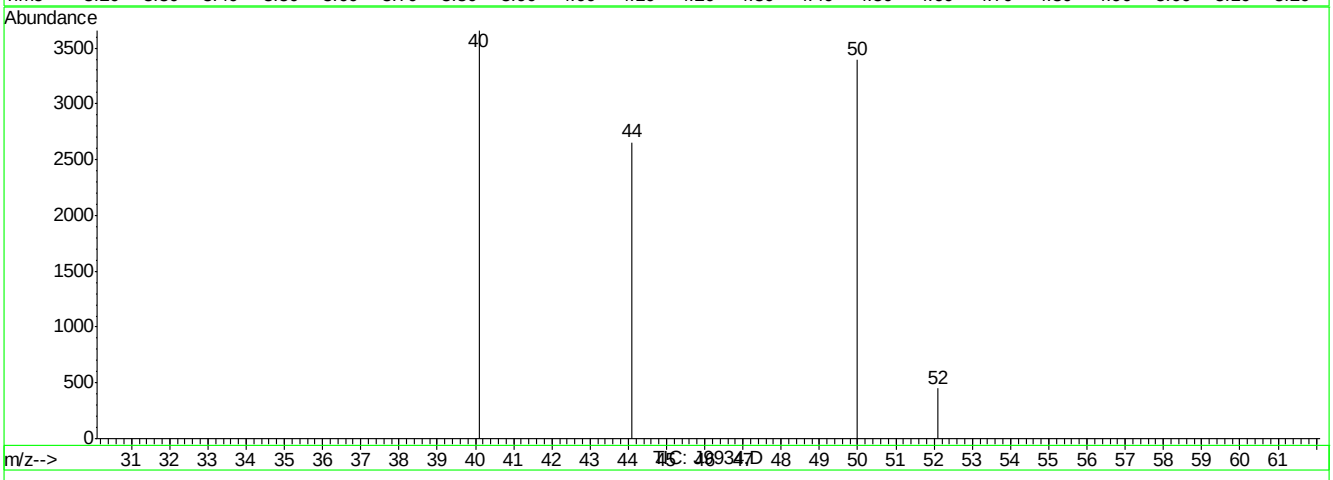
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(5) CHLOROMETHANE (m)

4.23min 0.21PPBV m

response 5217

Ion	Exp%	Act%
50.00	100	100
52.00	29.80	13.21
0.00	0.00	0.00
0.00	0.00	0.00

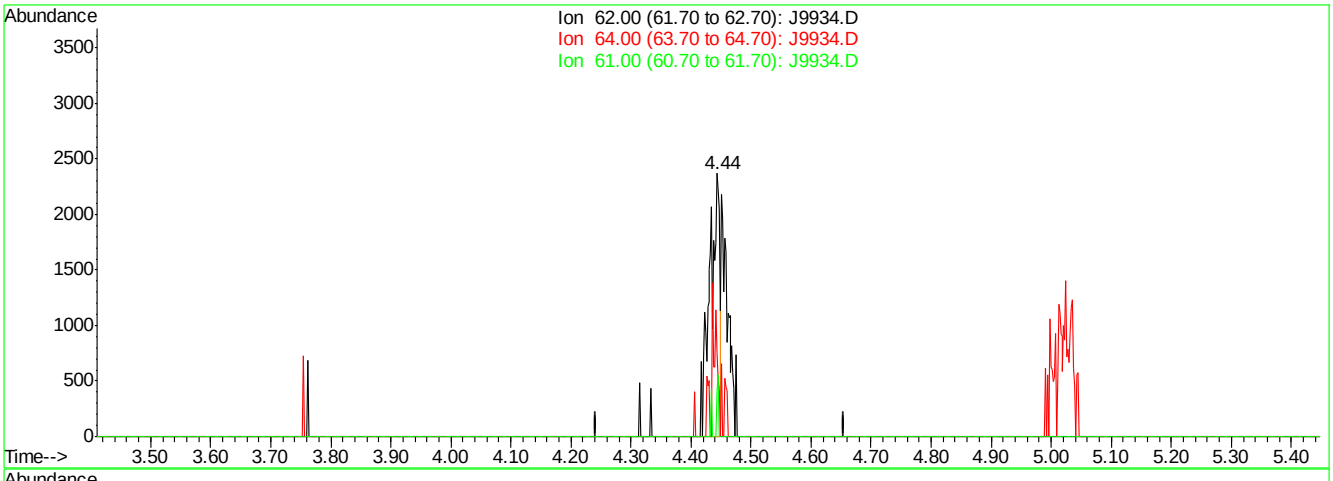
J9934.D J040407T.M Thu Apr 05 17:12:31 2007

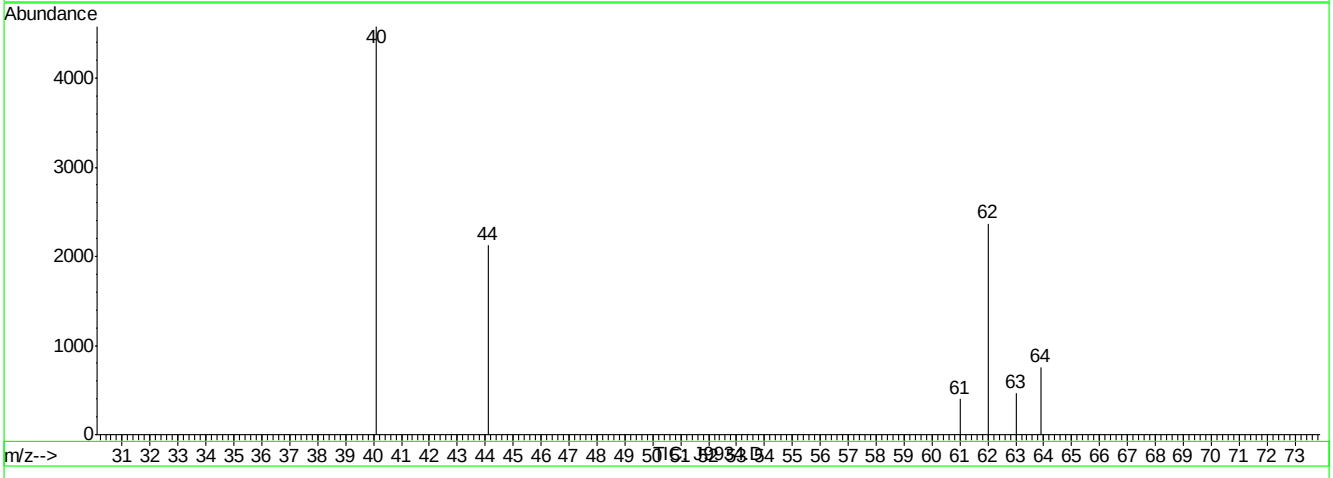
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(6) VINYL CHLORIDE (m)

4.44min 0.10PPBV

response 2716

Ion	Exp%	Act%
62.00	100	100
64.00	32.90	5.41#
61.00	8.50	3.72
0.00	0.00	0.00

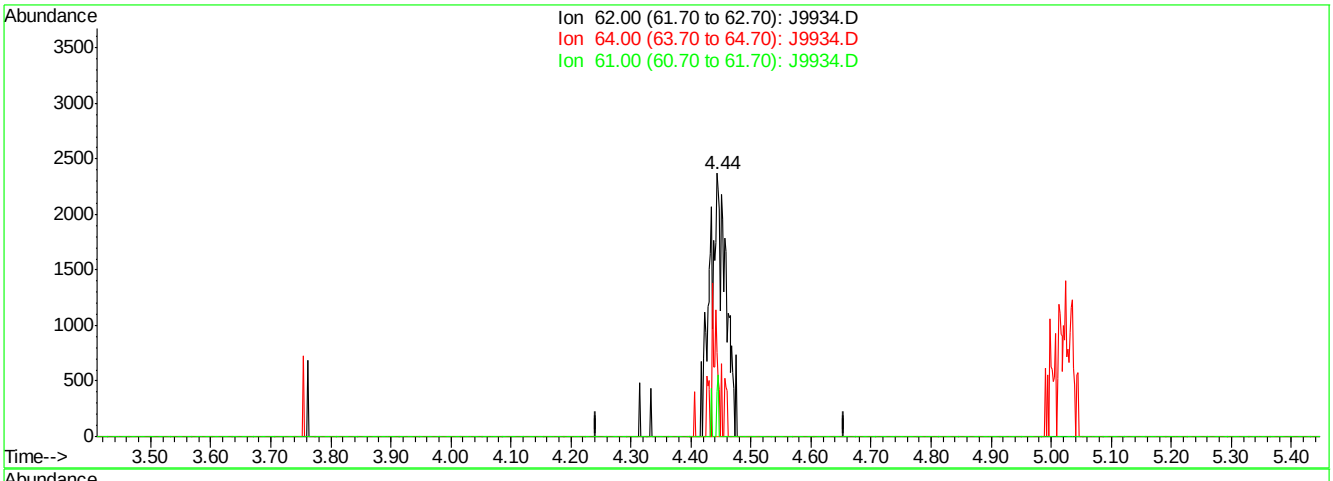
J9934.D J040407T.M Thu Apr 05 17:12:34 2007

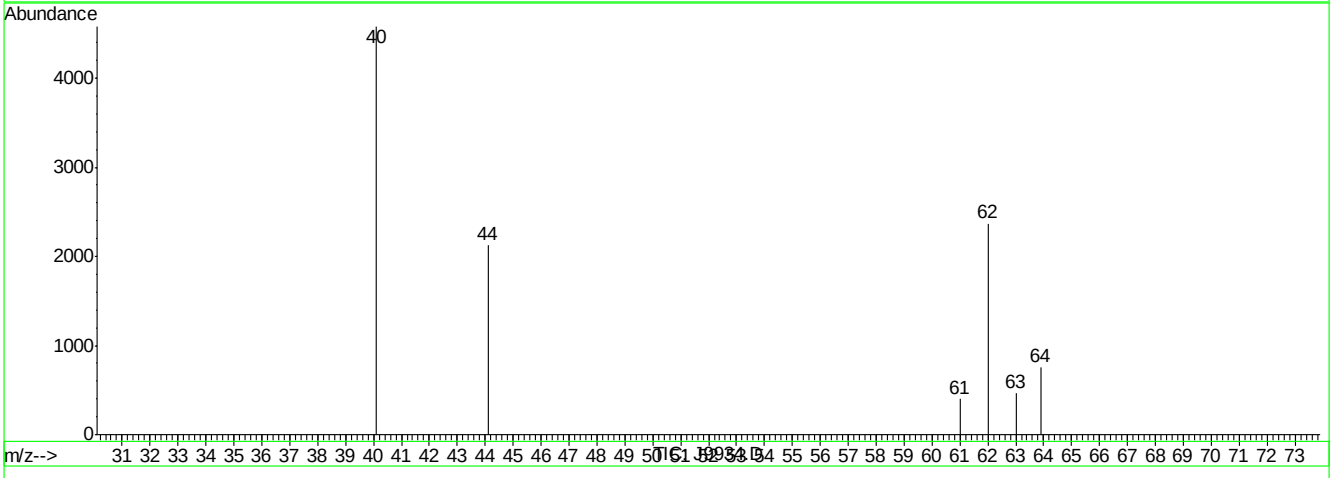
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(6) VINYL CHLORIDE (m)

4.44min 0.16PPBV m

response 4433

Ion	Exp%	Act%
62.00	100	100
64.00	32.90	3.32#
61.00	8.50	2.28
0.00	0.00	0.00

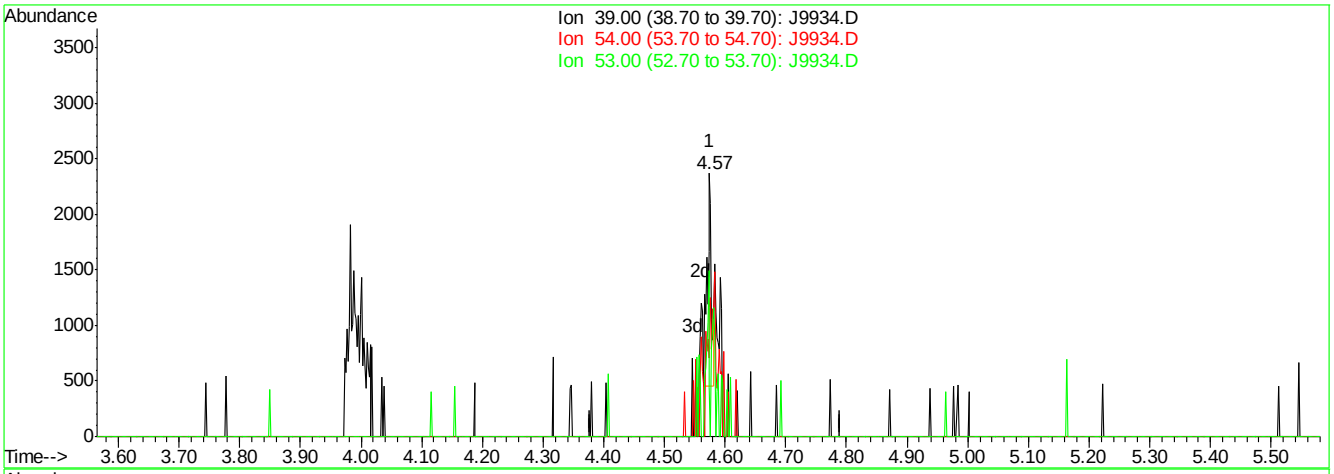
J9934.D J040407T.M Thu Apr 05 17:12:37 2007

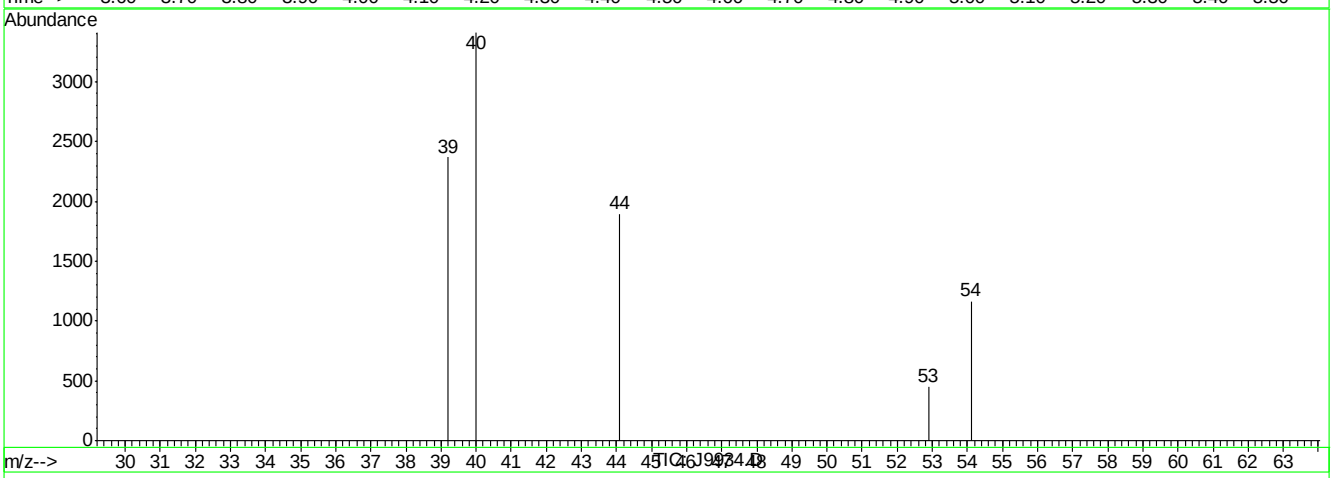
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(7) 1,3-BUTADIENE (m)

4.57min 0.05PPBV

response 1040

Ion	Exp%	Act%
39.00	100	100
54.00	89.20	178.85#
53.00	63.00	50.58
0.00	0.00	0.00

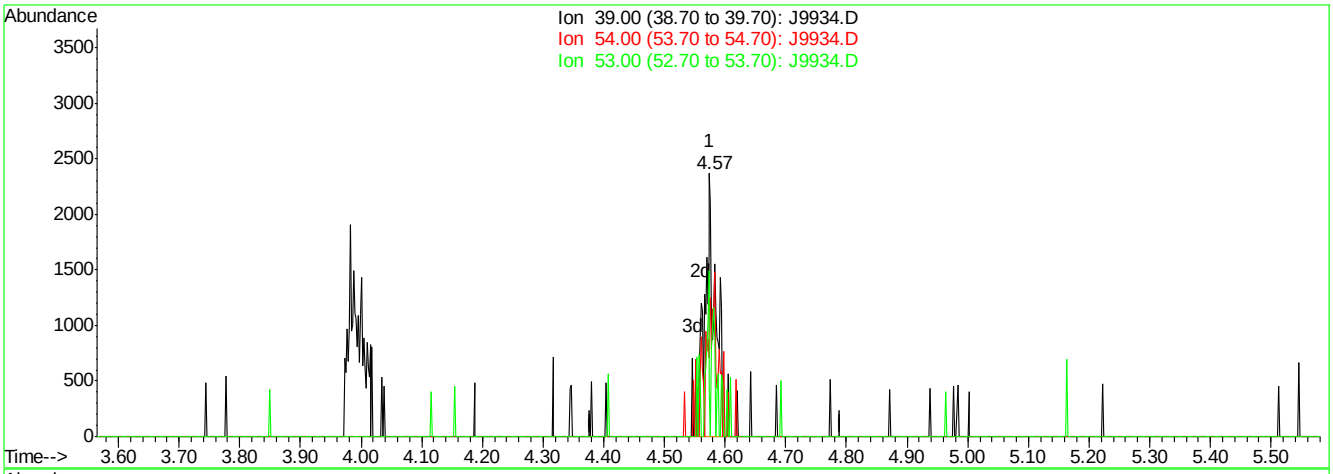
J9934.D J040407T.M Thu Apr 05 17:12:40 2007

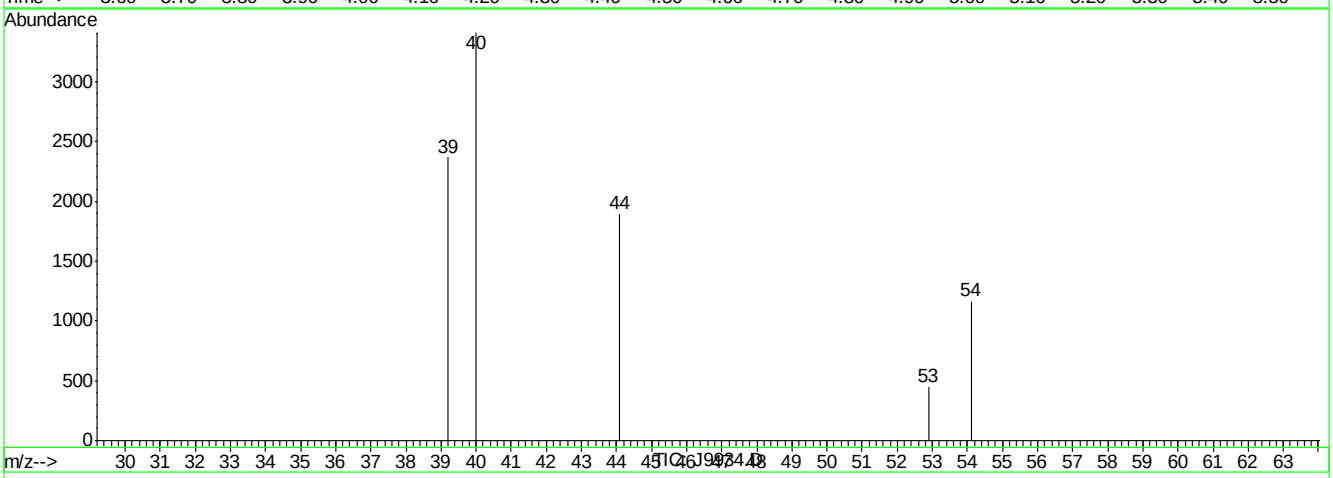
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(7) 1,3-BUTADIENE (m)

4.57min 0.13PPBV m

response 3028

Ion	Exp%	Act%
39.00	100	100
54.00	89.20	61.43#
53.00	63.00	17.37#
0.00	0.00	0.00

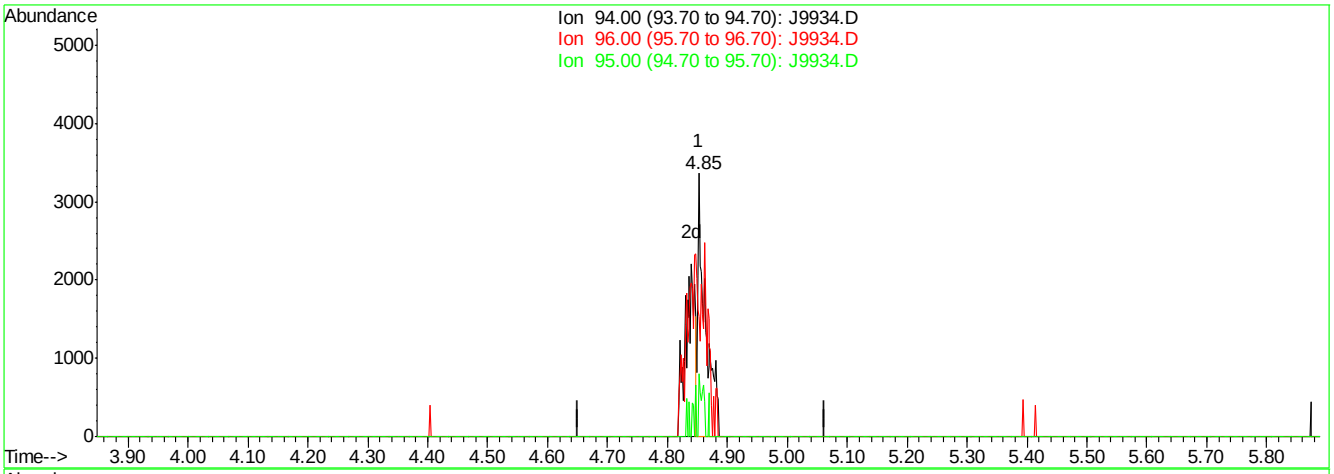
J9934.D J040407T.M Thu Apr 05 17:12:44 2007

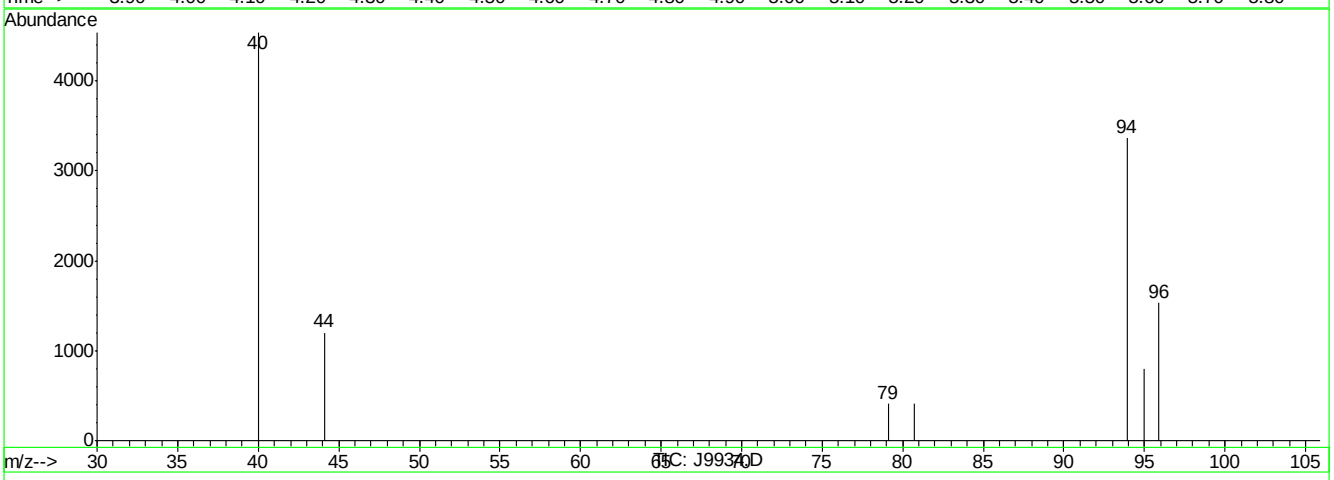
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(8) BROMOMETHANE (m)

4.85min 0.10PPBV

response 2896

Ion	Exp%	Act%
94.00	100	100
96.00	94.90	110.53
95.00	15.00	8.87
0.00	0.00	0.00

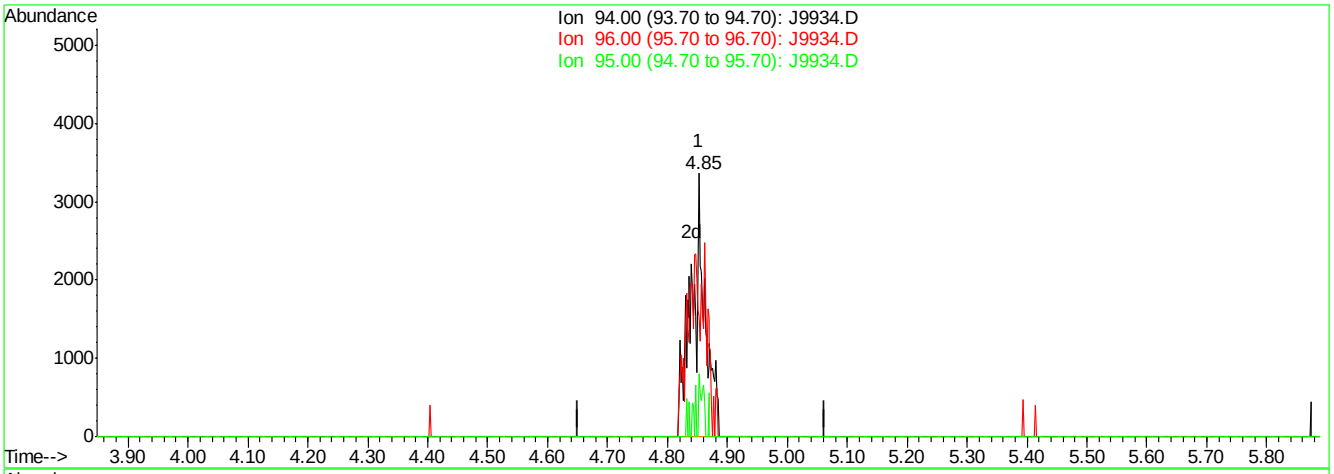
J9934.D J040407T.M Thu Apr 05 17:12:47 2007

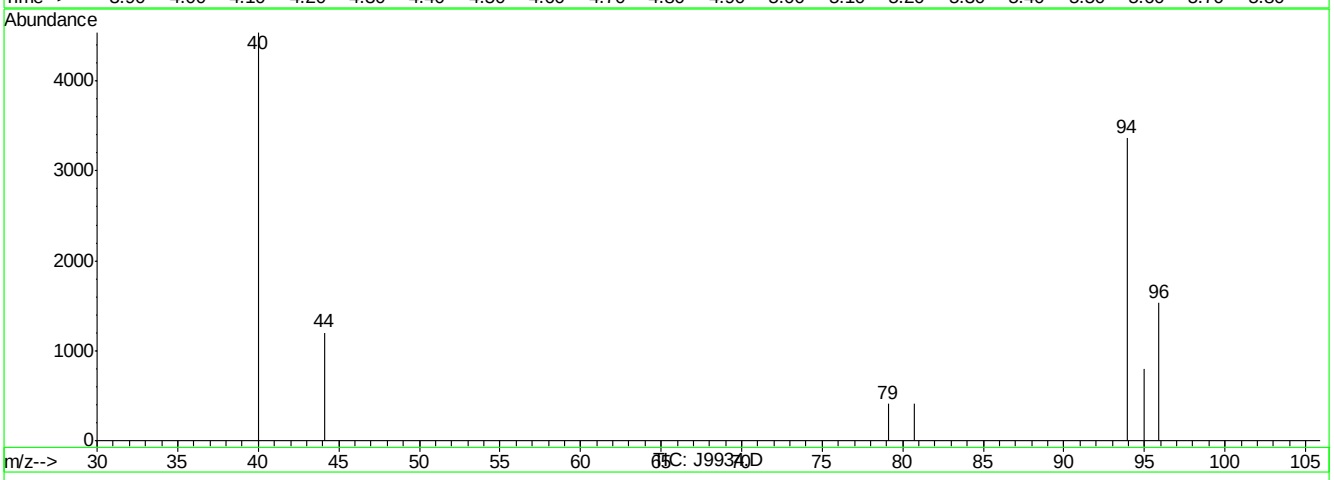
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(8) BROMOMETHANE (m)

4.85min 0.18PPBV m

response 5335

Ion	Exp%	Act%
94.00	100	100
96.00	94.90	60.00#
95.00	15.00	4.82
0.00	0.00	0.00

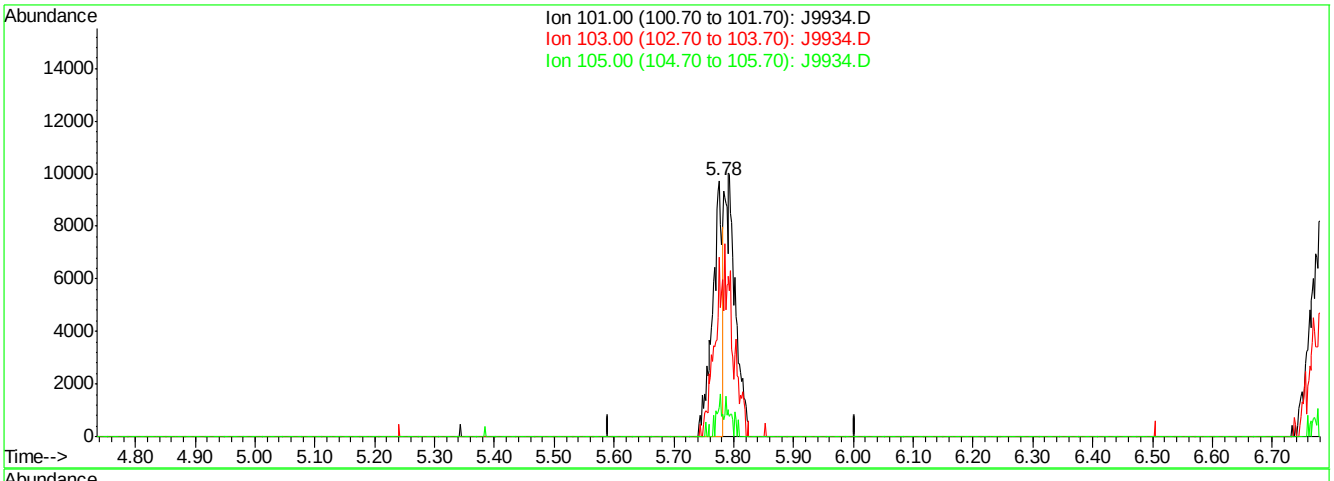
J9934.D J040407T.M Thu Apr 05 17:12:50 2007

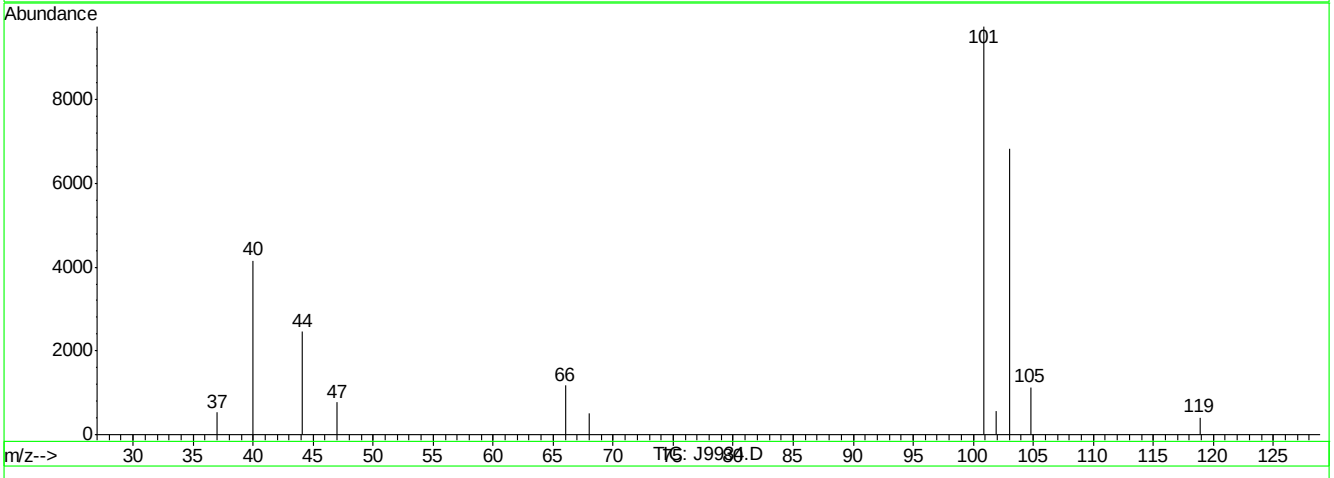
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(10) TRICHLOROFLUOROMETHANE (m)

5.78min 0.09PPBV

response 10605

Ion	Exp%	Act%
101.00	100	100
103.00	64.80	134.60#
105.00	10.20	11.82
0.00	0.00	0.00

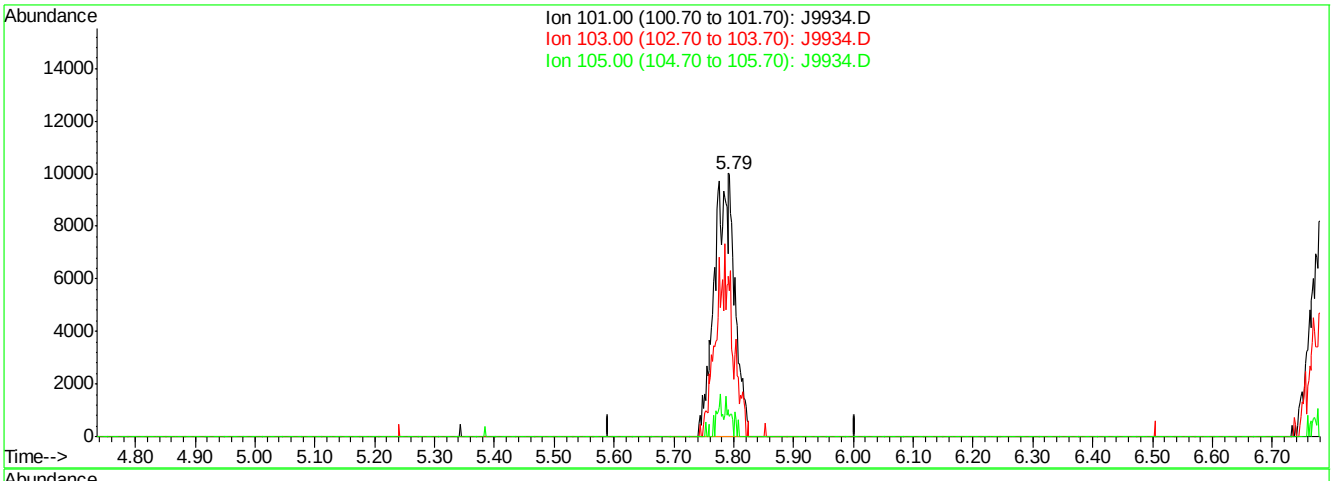
J9934.D J040407T.M Thu Apr 05 17:12:58 2007

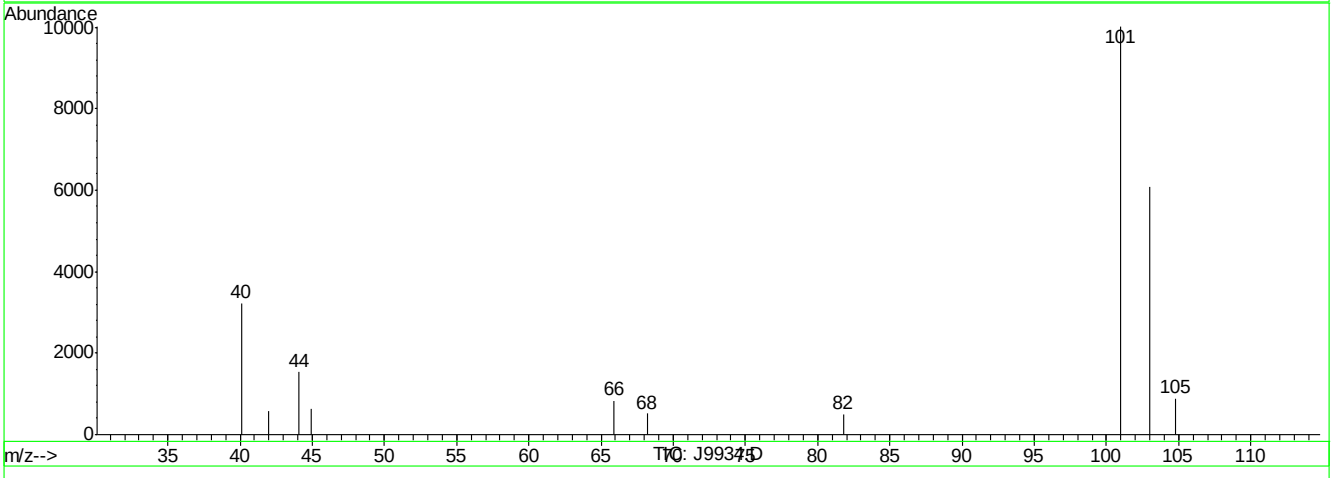
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(10) TRICHLOROFLUOROMETHANE (m)

5.79min 0.20PPBV m

response 23757

Ion	Exp%	Act%
101.00	100	100
103.00	64.80	60.08
105.00	10.20	5.27
0.00	0.00	0.00

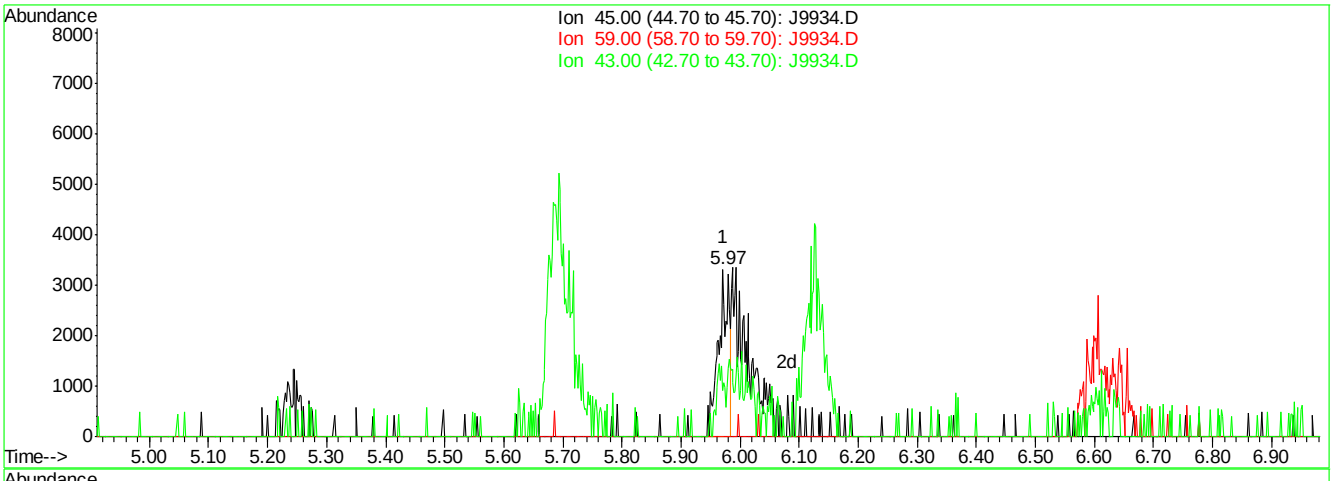
J9934.D J040407T.M Thu Apr 05 17:13:02 2007

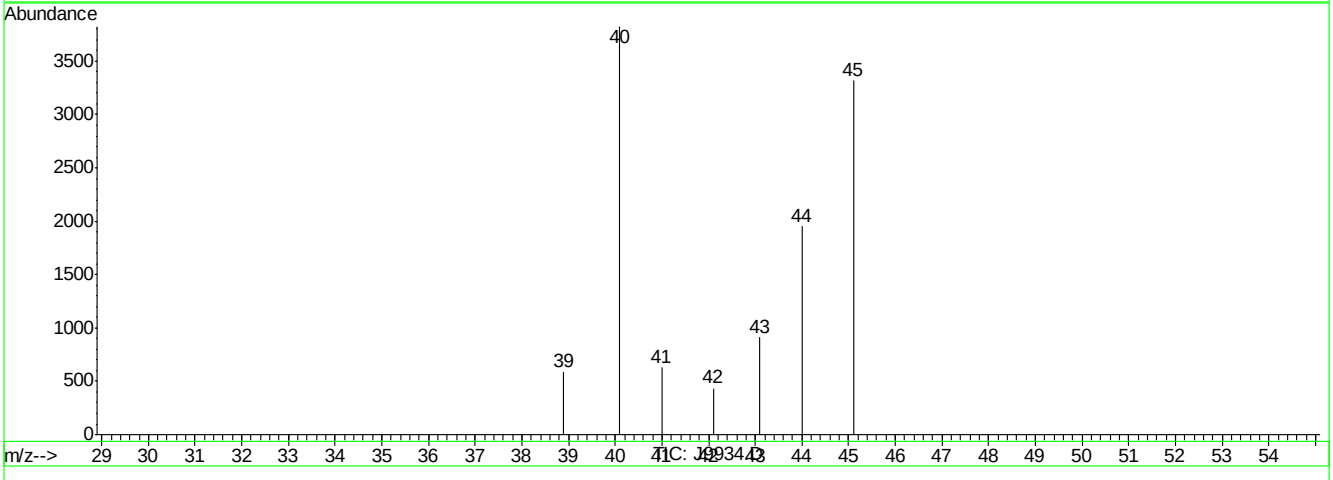
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(11) ISOPROPYL ALCOHOL (m)

5.97min 0.08PPBV

response 3950

Ion	Exp%	Act%
45.00	100	100
59.00	3.50	0.00
43.00	19.80	27.49
0.00	0.00	0.00

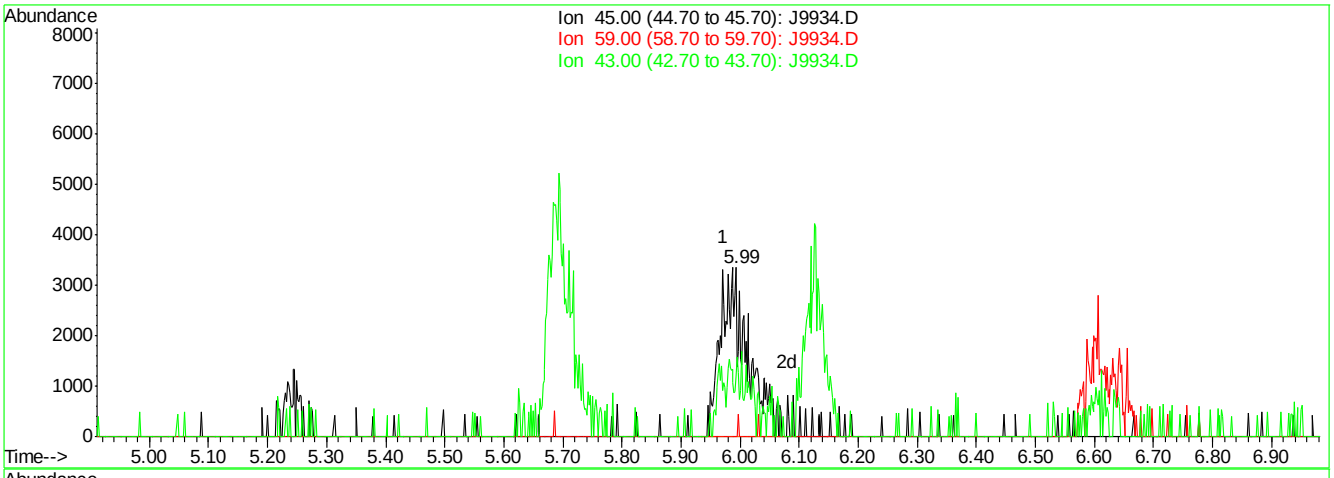
J9934.D J040407T.M Thu Apr 05 17:13:13 2007

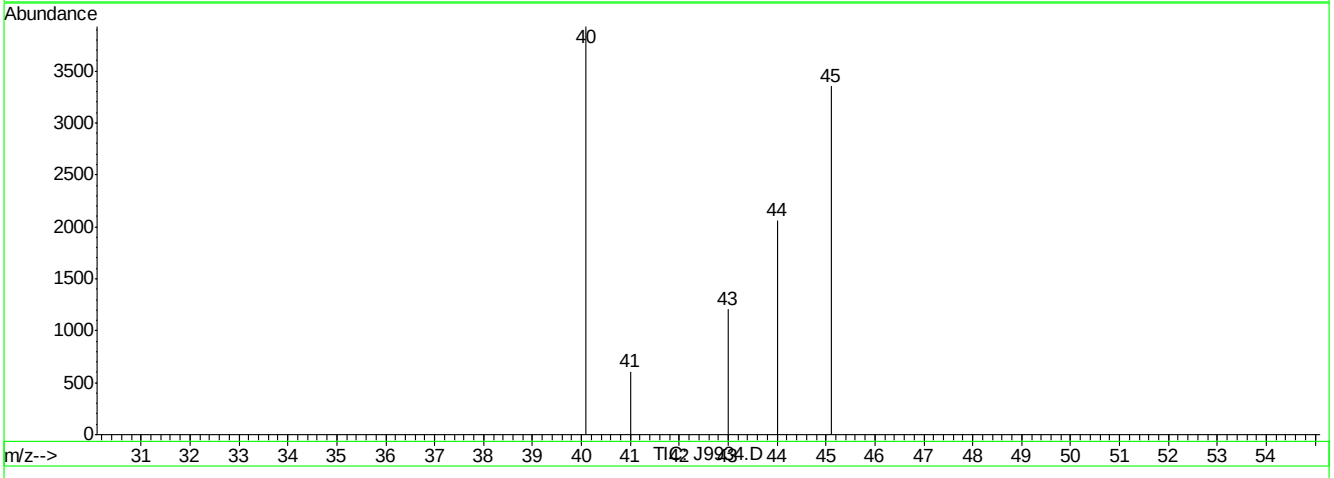
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(11) ISOPROPYL ALCOHOL (m)

5.99min 0.23PPBV m

response 10815

Ion	Exp%	Act%
45.00	100	100
59.00	3.50	0.00
43.00	19.80	36.04
0.00	0.00	0.00

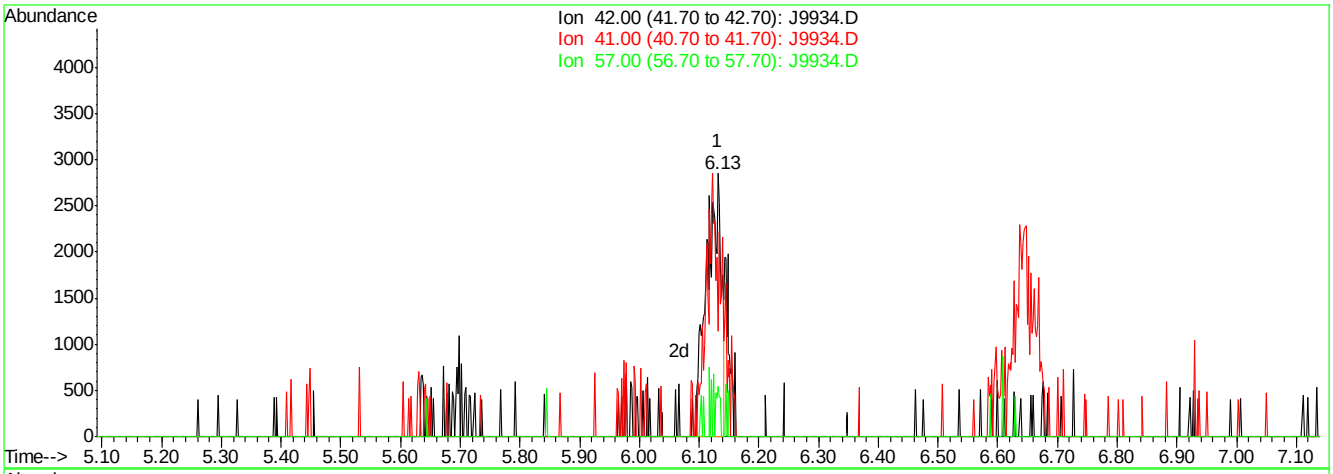
J9934.D J040407T.M Thu Apr 05 17:13:17 2007

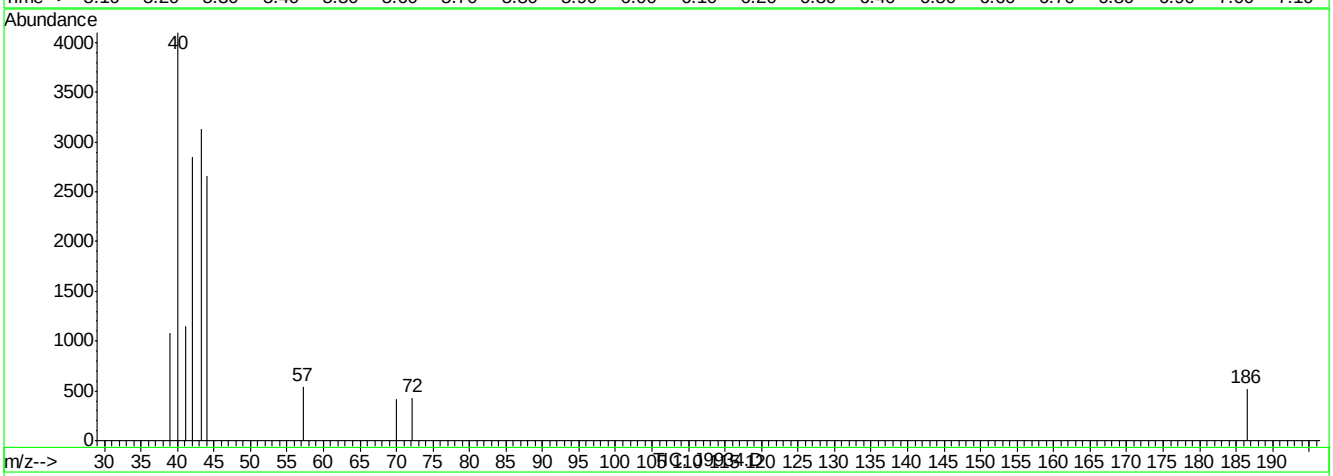
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(13) PENTANE (m)

6.13min 0.18PPBV

response 4840

Ion	Exp%	Act%
42.00	100	100
41.00	100.70	104.32
57.00	26.60	6.49#
0.00	0.00	0.00

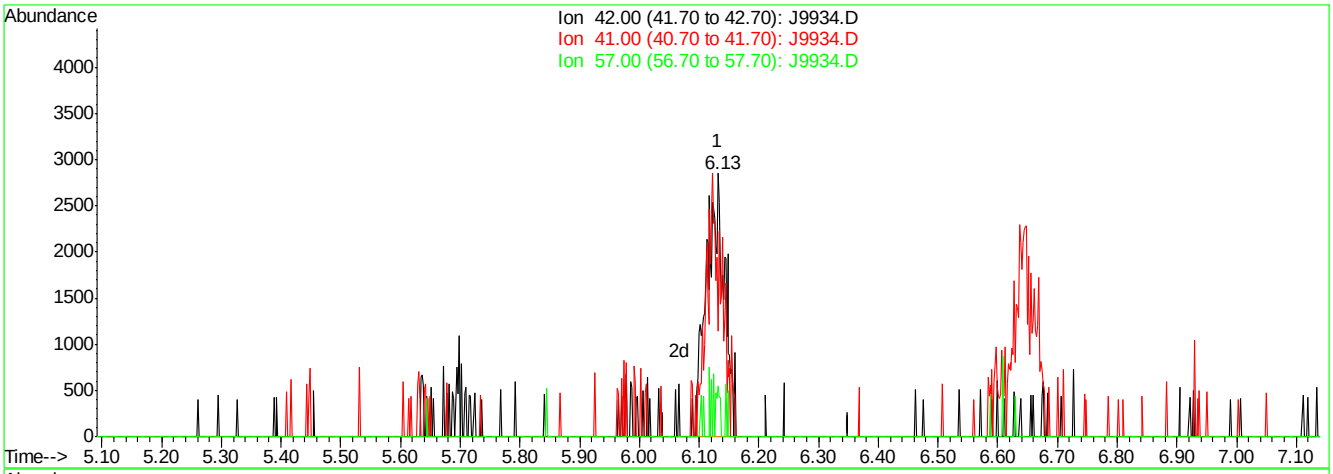
J9934.D J040407T.M Thu Apr 05 17:13:22 2007

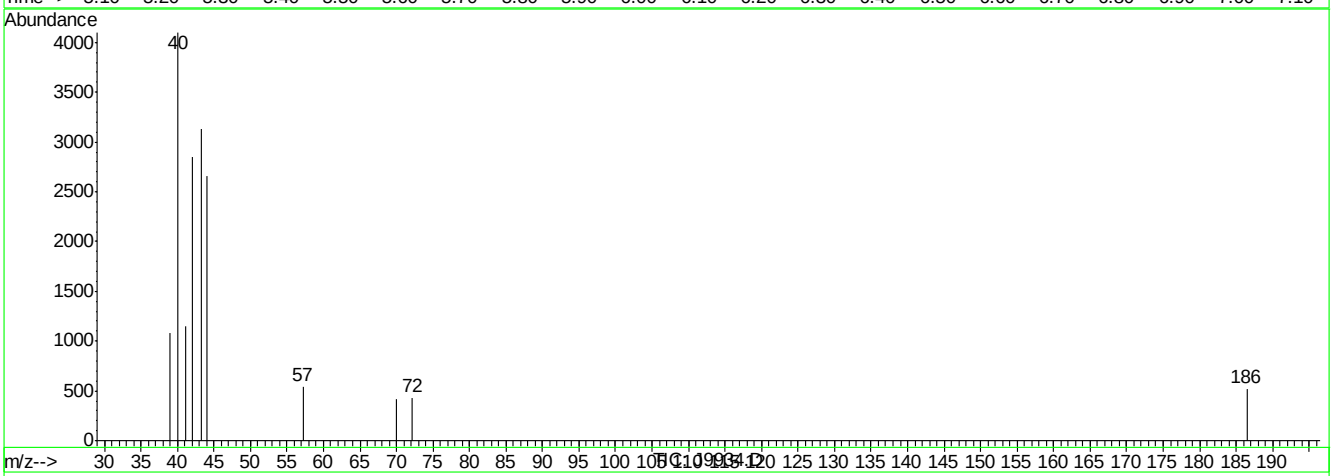
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(13) PENTANE (m)

6.13min 0.23PPBV m

response 6119

Ion	Exp%	Act%
42.00	100	100
41.00	100.70	82.51
57.00	26.60	5.13#
0.00	0.00	0.00

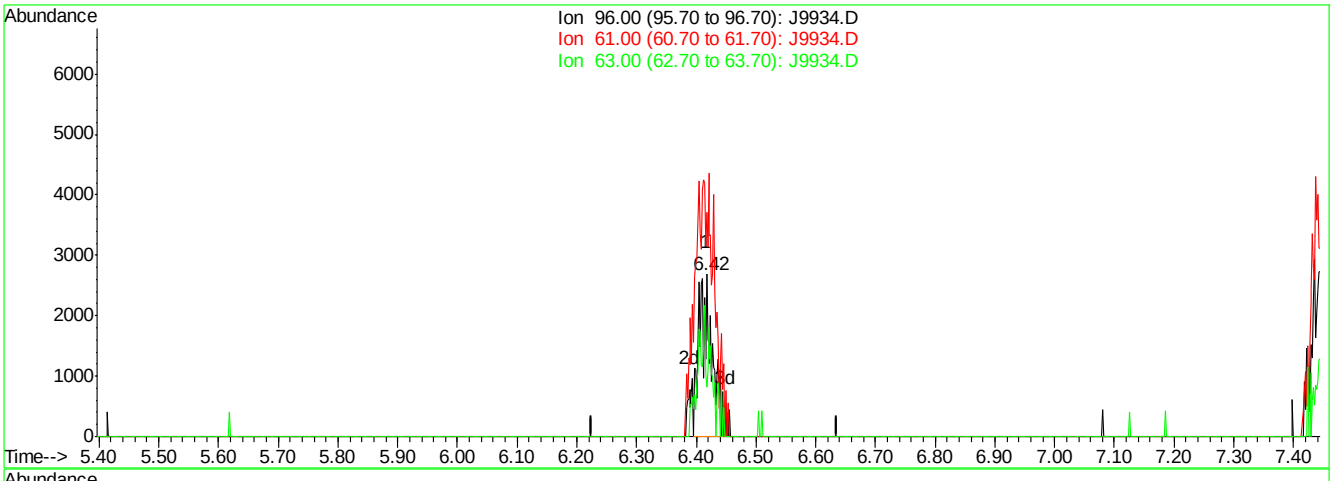
J9934.D J040407T.M Thu Apr 05 17:13:25 2007

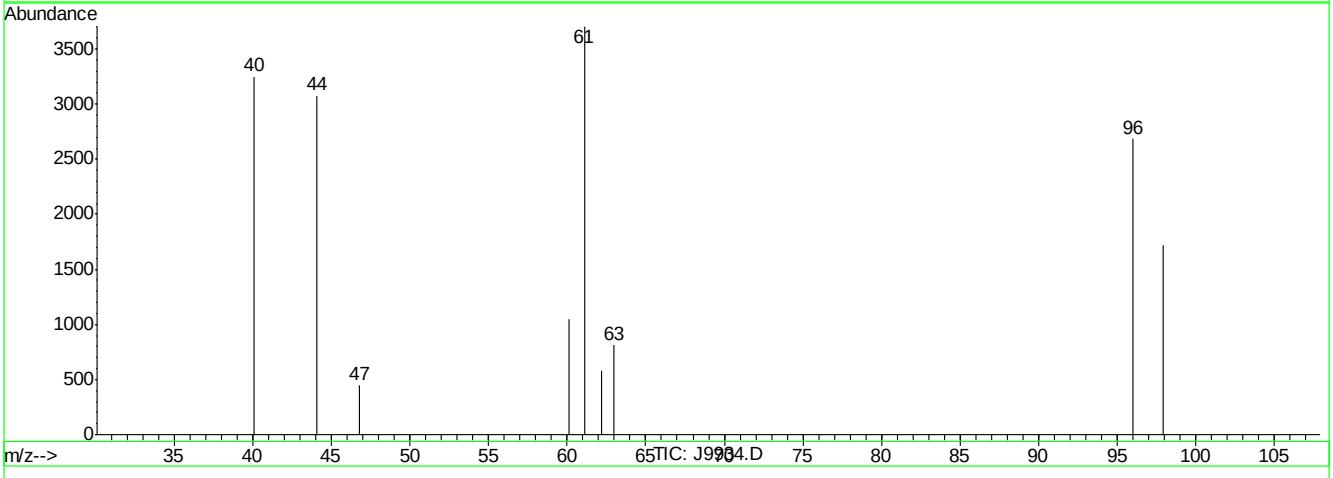
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(14) 1,1-DICHLOROETHYLENE (m)

6.42min 0.14PPBV

response 3959

Ion	Exp%	Act%
96.00	100	100
61.00	178.40	229.33#
63.00	57.50	31.19#
0.00	0.00	0.00

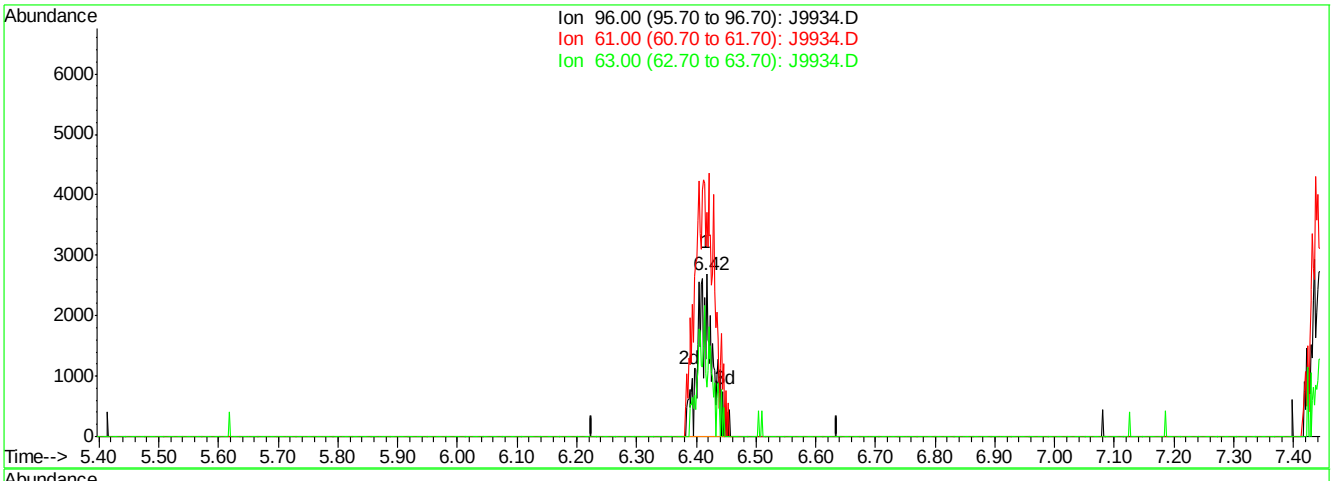
J9934.D J040407T.M Thu Apr 05 17:13:30 2007

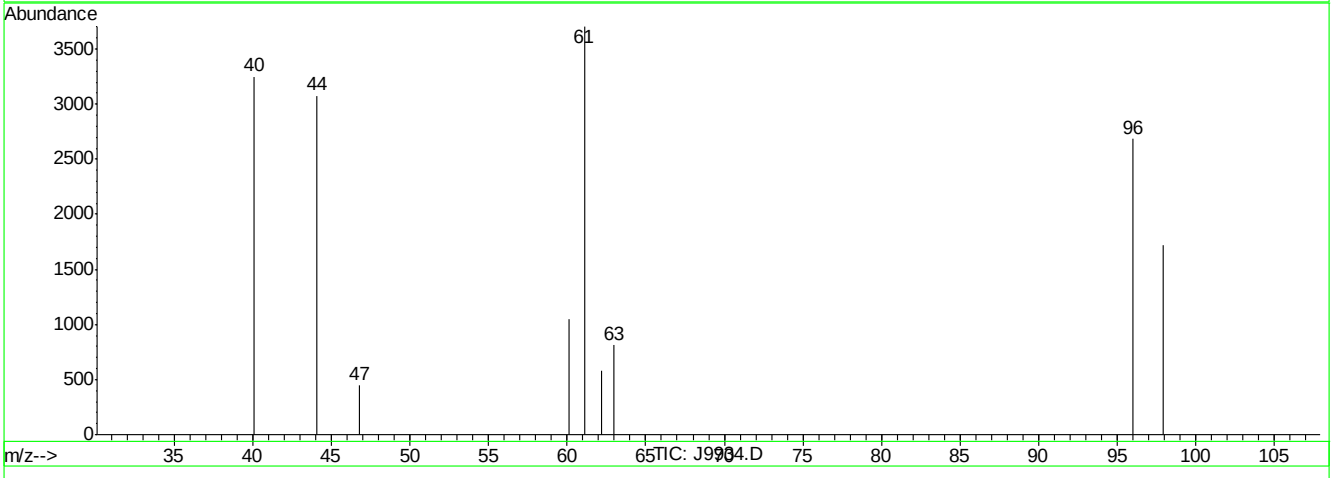
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(14) 1,1-DICHLOROETHYLENE (m)

6.42min 0.16PPBV m

response 4590

Ion	Exp%	Act%
96.00	100	100
61.00	178.40	197.80
63.00	57.50	26.91#
0.00	0.00	0.00

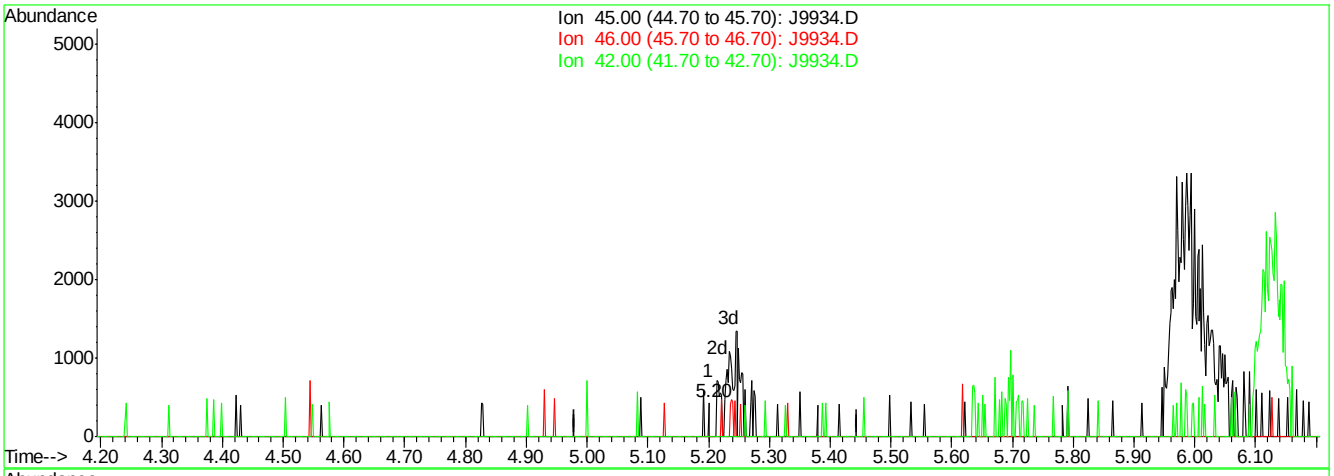
J9934.D J040407T.M Thu Apr 05 17:13:33 2007

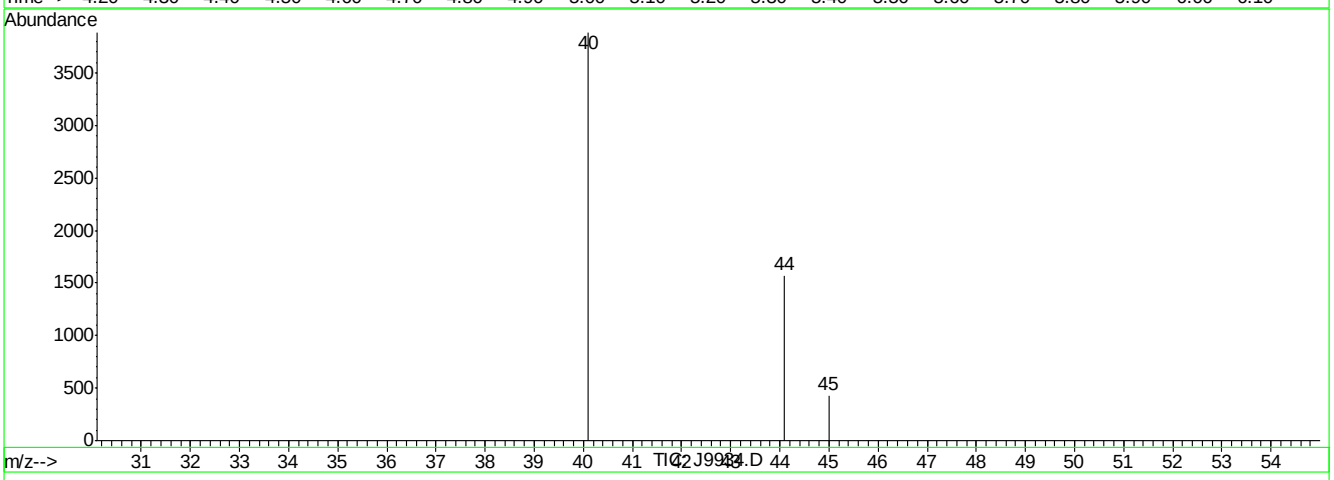
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(16) ETHANOL (m)

5.20min 0.01PPBV

response 46

Ion	Exp%	Act%
45.00	100	100
46.00	33.00	0.00#
42.00	1.50	0.00
0.00	0.00	0.00

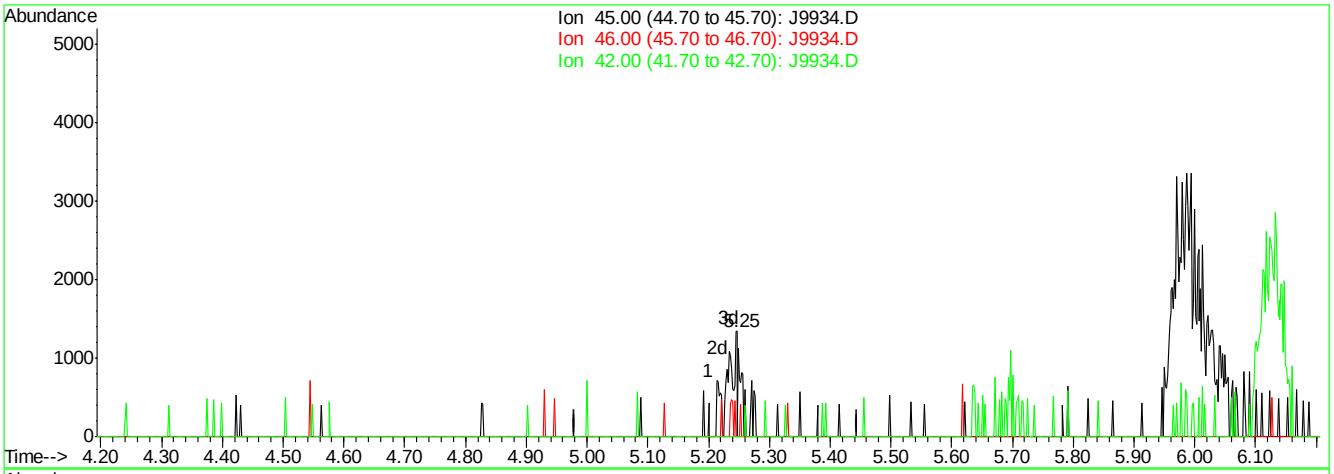
J9934.D J040407T.M Thu Apr 05 17:13:37 2007

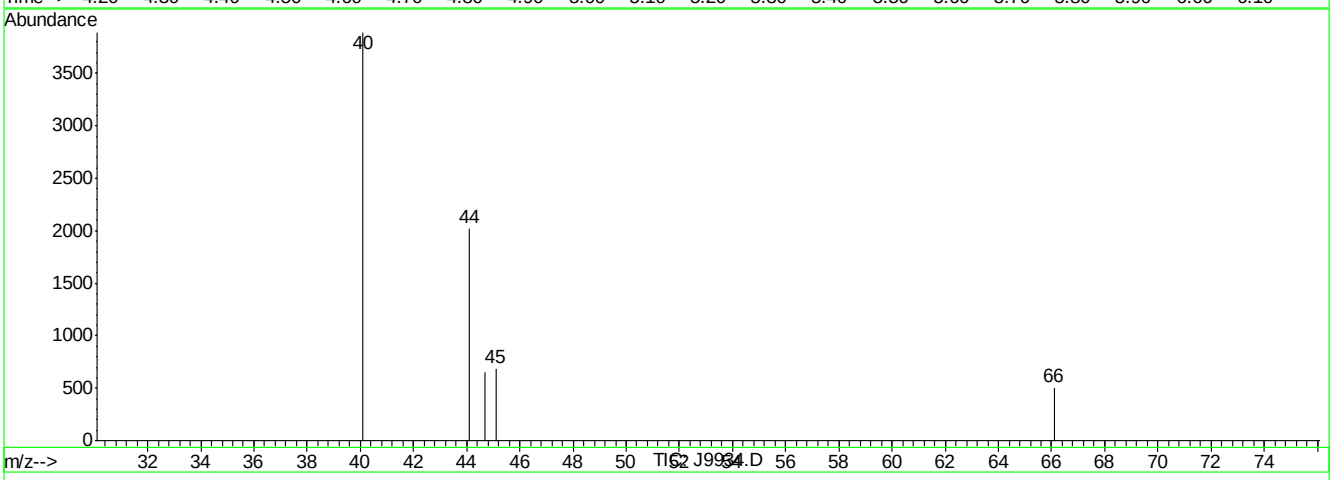
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(16) ETHANOL (m)

5.25min 0.24PPBV m

response 2212

Ion	Exp%	Act%
45.00	100	100
46.00	33.00	0.00#
42.00	1.50	0.00
0.00	0.00	0.00

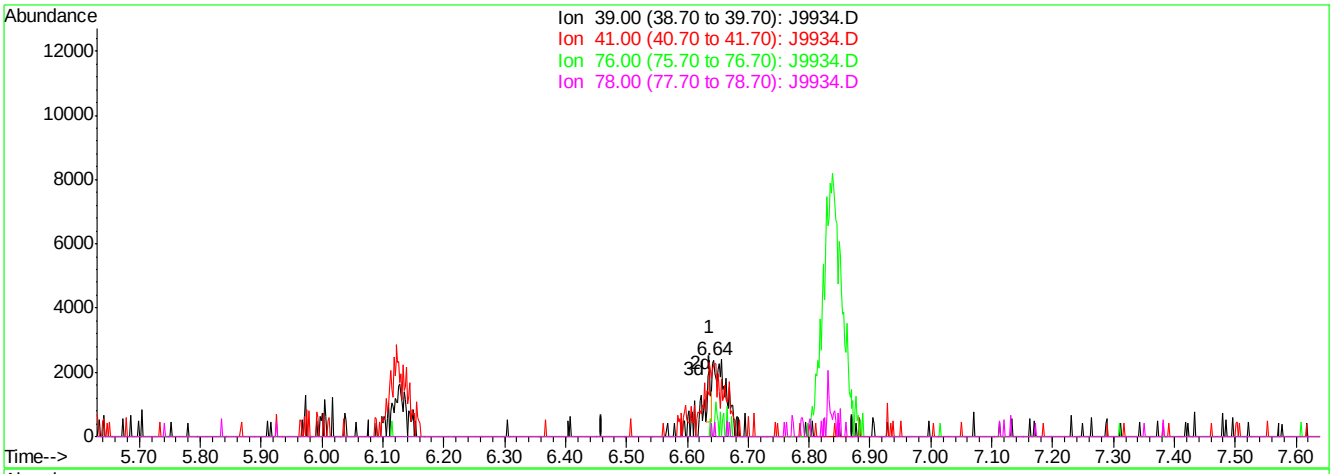
J9934.D J040407T.M Thu Apr 05 17:13:41 2007

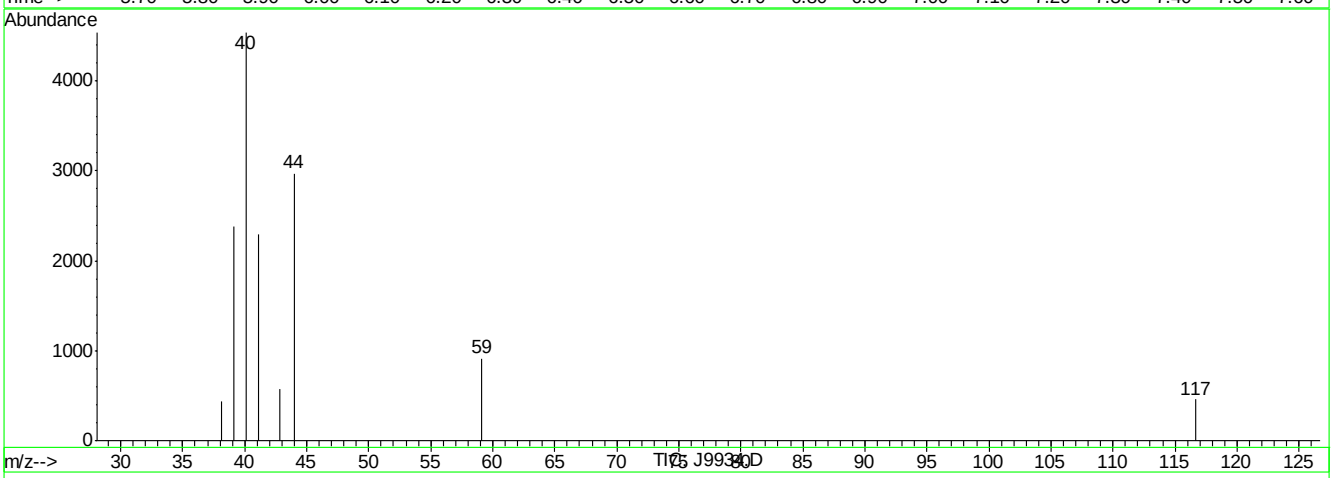
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(19) 3-CHLOROPROPENE (m)

6.64min 0.03PPBV

response 745

Ion	Exp%	Act%
39.00	100	100
41.00	112.80	293.83#
76.00	43.50	70.20#
78.00	14.30	12.48

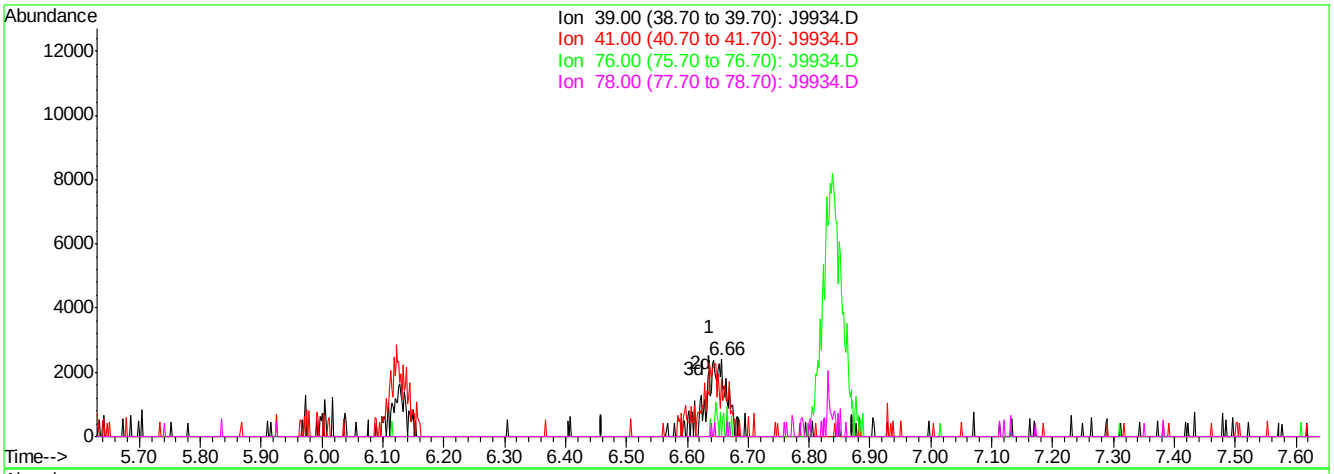
J9934.D J040407T.M Thu Apr 05 17:13:48 2007

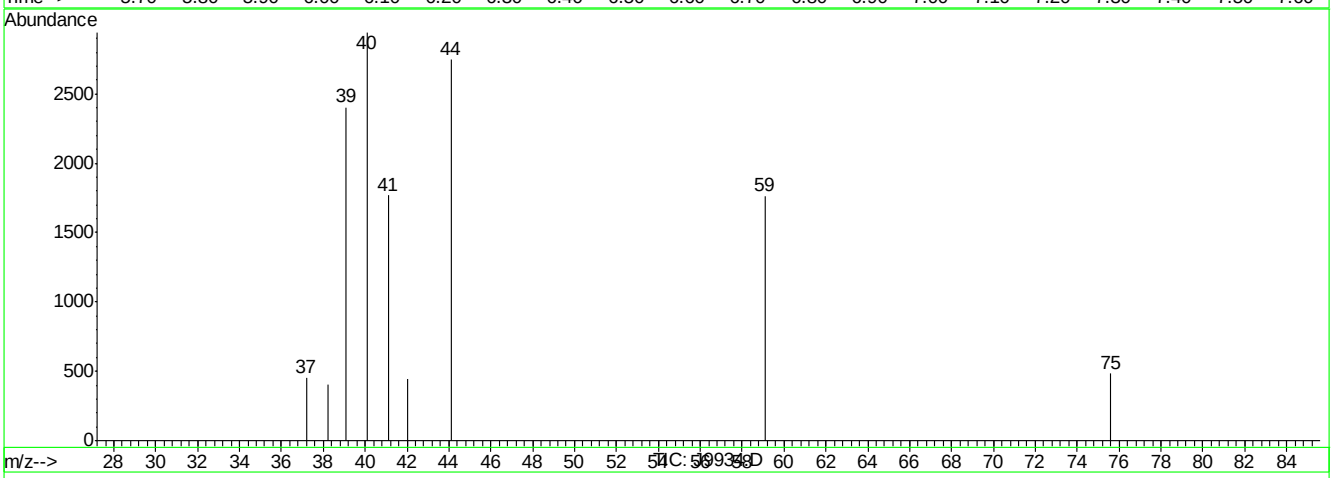
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(19) 3-CHLOROPROPENE (m)

6.66min 0.19PPBV m

response 5214

Ion	Exp%	Act%
39.00	100	100
41.00	112.80	41.98#
76.00	43.50	10.03#
78.00	14.30	1.78

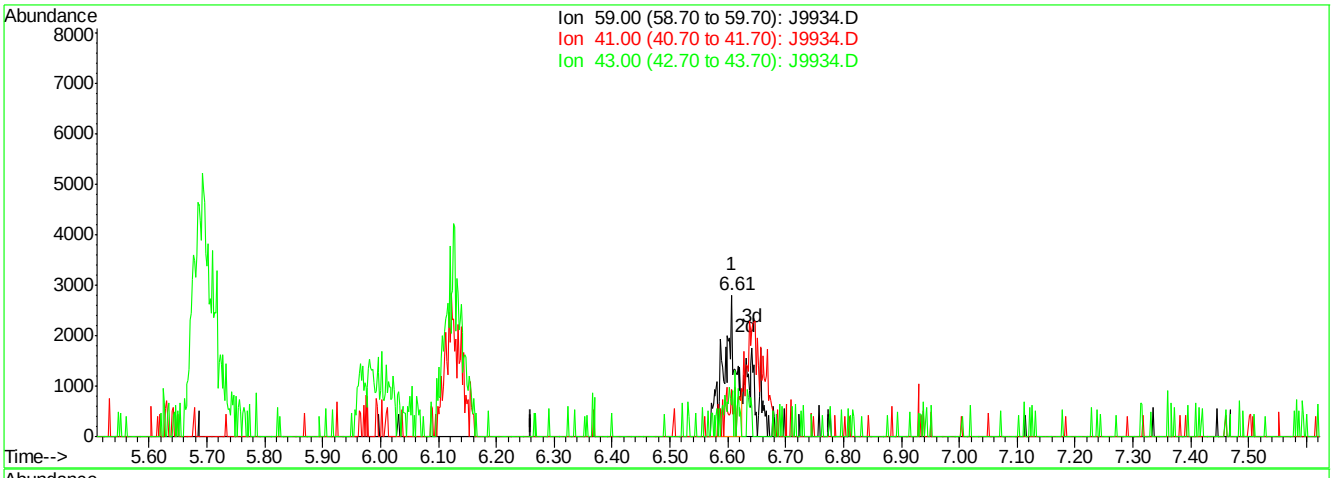
J9934.D J040407T.M Thu Apr 05 17:13:54 2007

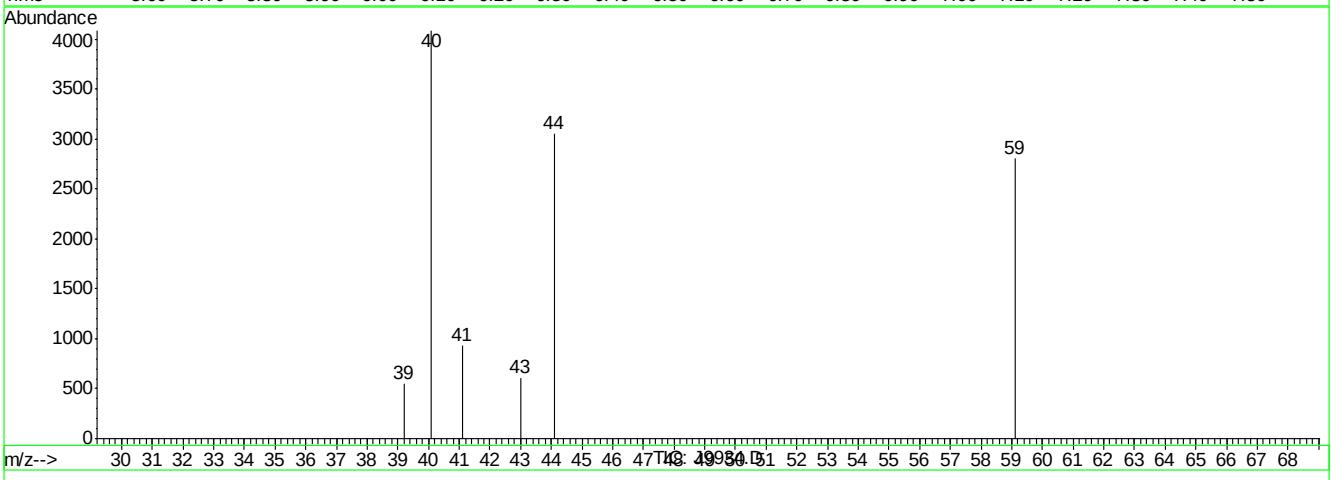
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(22) TERTIARY BUTYL ALCOHOL (m)

6.61min 0.08PPBV

response 4052

Ion	Exp%	Act%
59.00	100	100
41.00	7.90	9.72
43.00	16.20	17.13
0.00	0.00	0.00

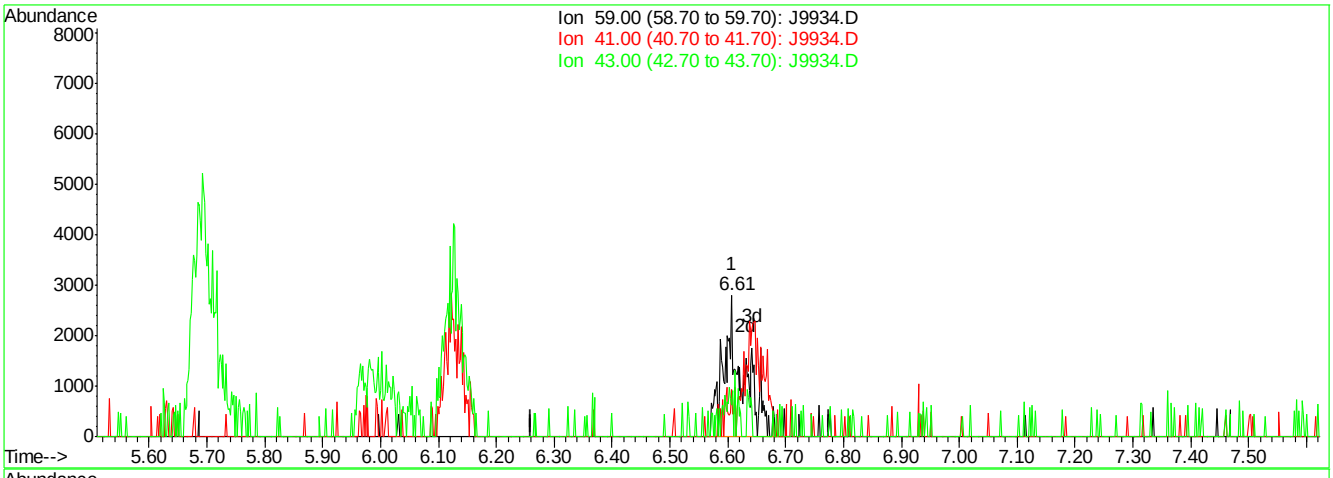
J9934.D J040407T.M Thu Apr 05 17:13:58 2007

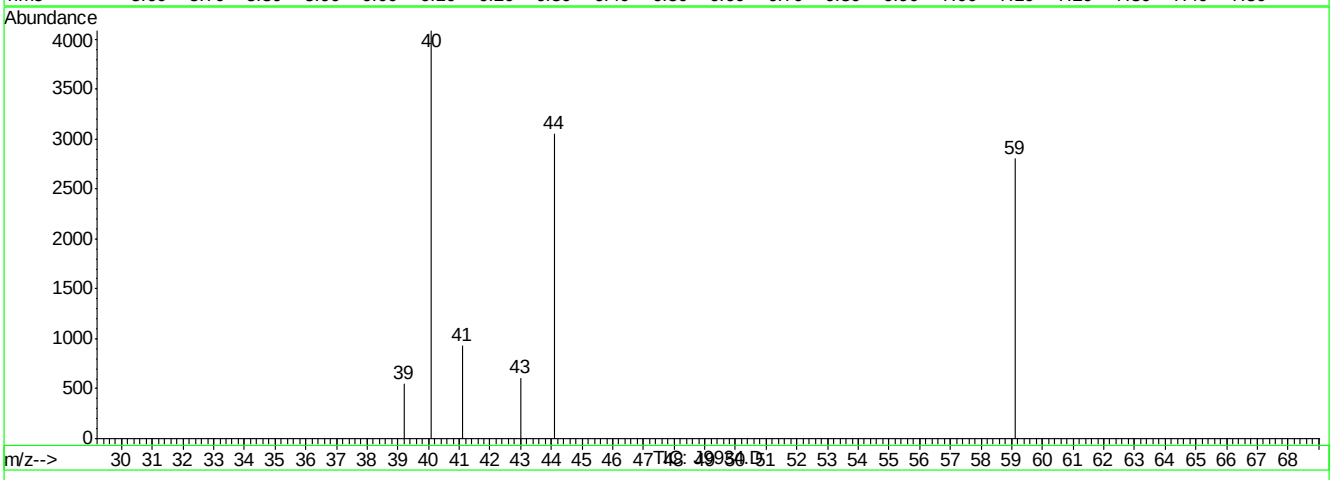
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(22) TERTIARY BUTYL ALCOHOL (m)

6.61min 0.13PPBV m

response 6533

Ion	Exp%	Act%
59.00	100	100
41.00	7.90	6.03
43.00	16.20	10.62
0.00	0.00	0.00

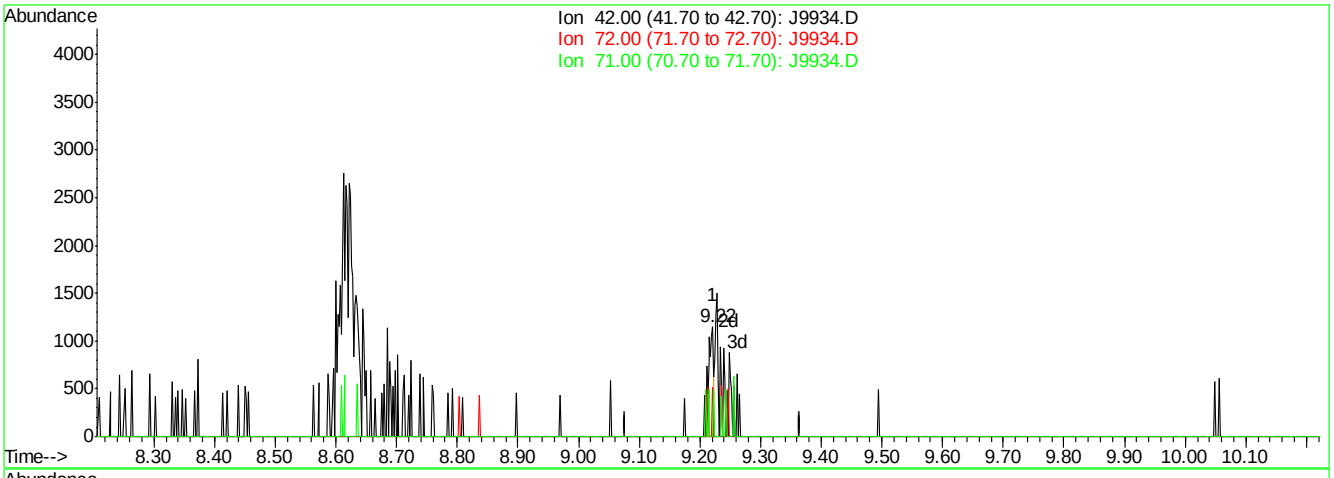
J9934.D J040407T.M Thu Apr 05 17:14:05 2007

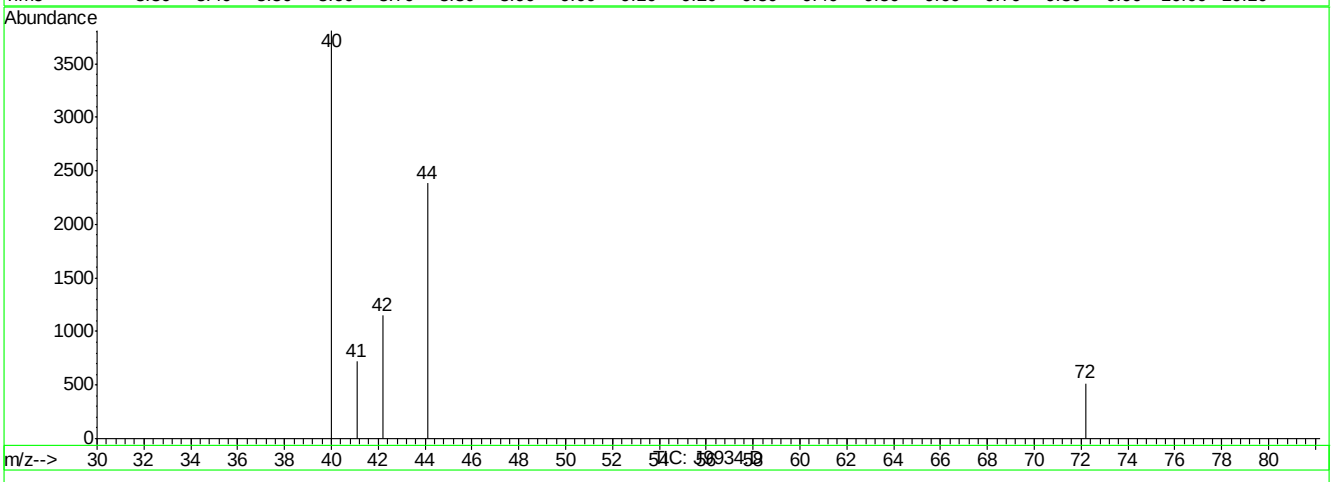
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(24) TETRAHYDROFURAN (m)

9.22min 0.04PPBV

response 754

Ion	Exp%	Act%
42.00	100	100
72.00	43.80	0.00#
71.00	42.90	7.03#
0.00	0.00	0.00

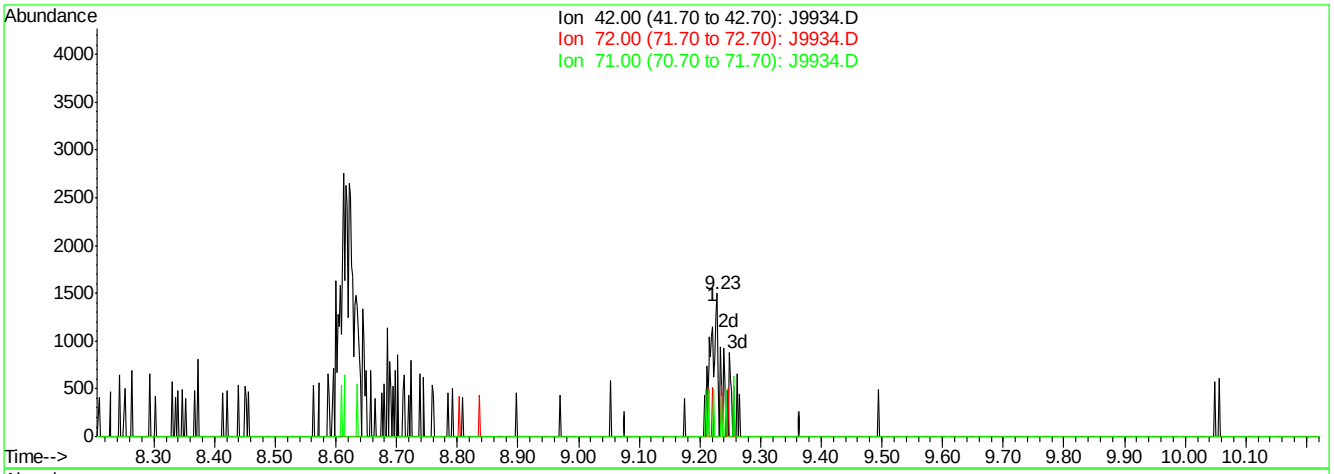
J9934.D J040407T.M Thu Apr 05 17:14:10 2007

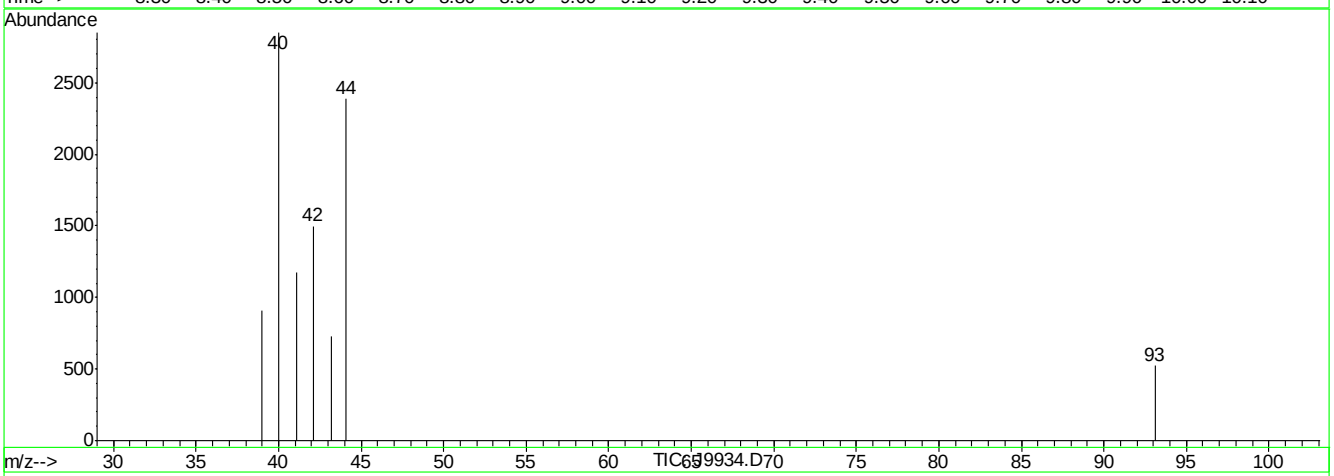
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(24) TETRAHYDROFURAN (m)

9.23min 0.10PPBV m

response 1944

Ion	Exp%	Act%
42.00	100	100
72.00	43.80	0.00#
71.00	42.90	2.73#
0.00	0.00	0.00

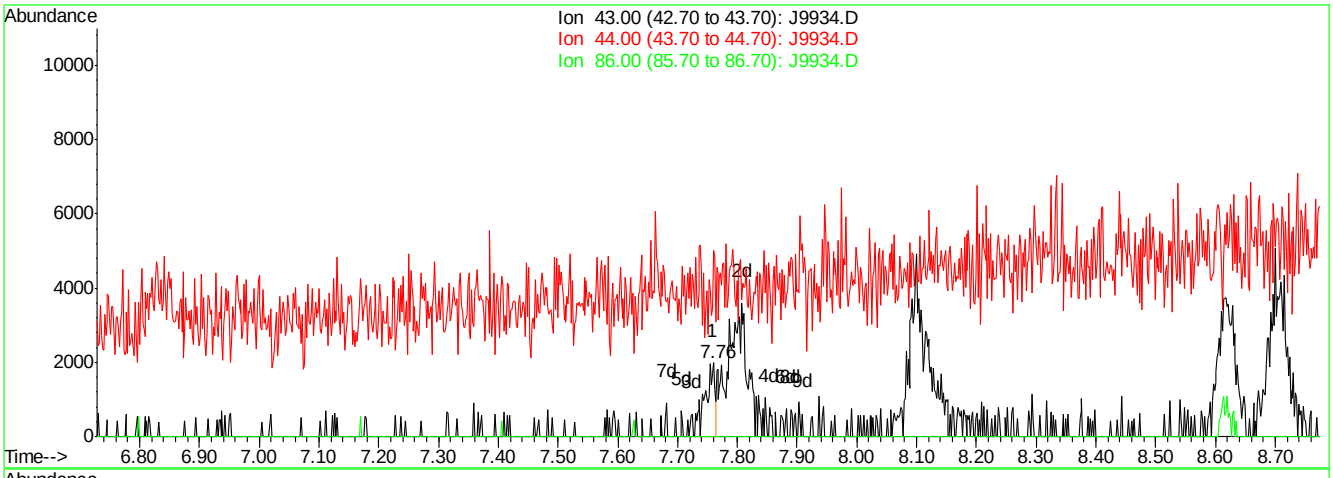
J9934.D J040407T.M Thu Apr 05 17:14:13 2007

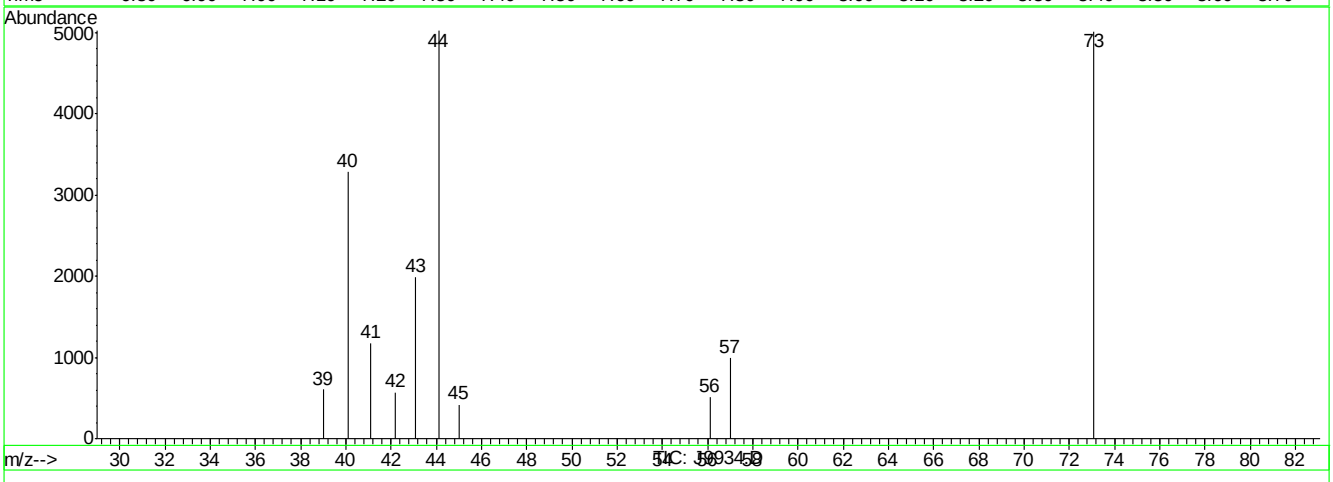
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(26) VINYL ACETATE (m)

7.76min 0.05PPBV

response 2203

Ion	Exp%	Act%
43.00	100	100
44.00	5.90	26.96#
86.00	8.50	0.00
0.00	0.00	0.00

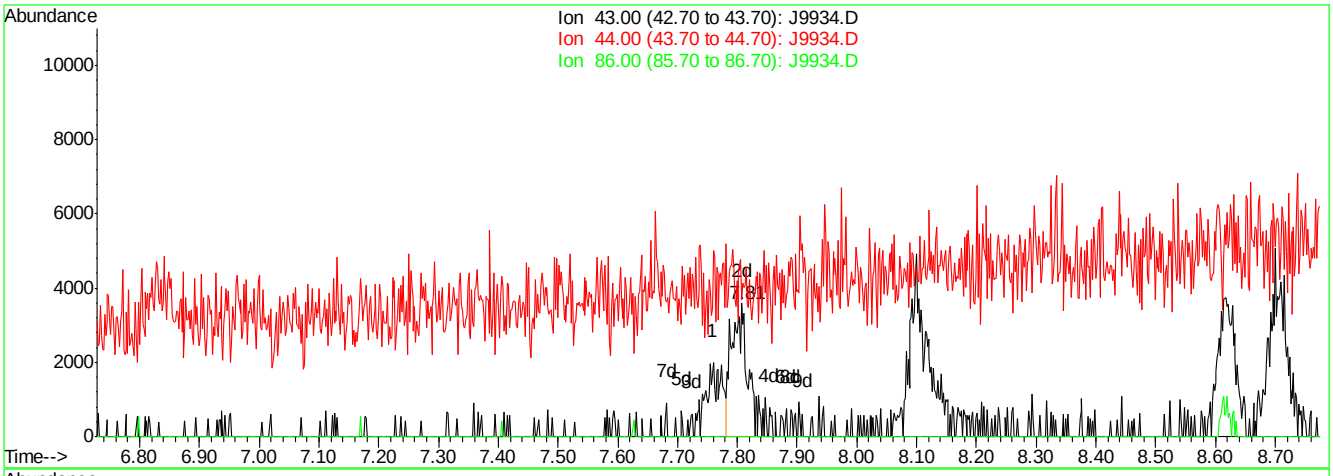
J9934.D J040407T.M Thu Apr 05 17:14:18 2007

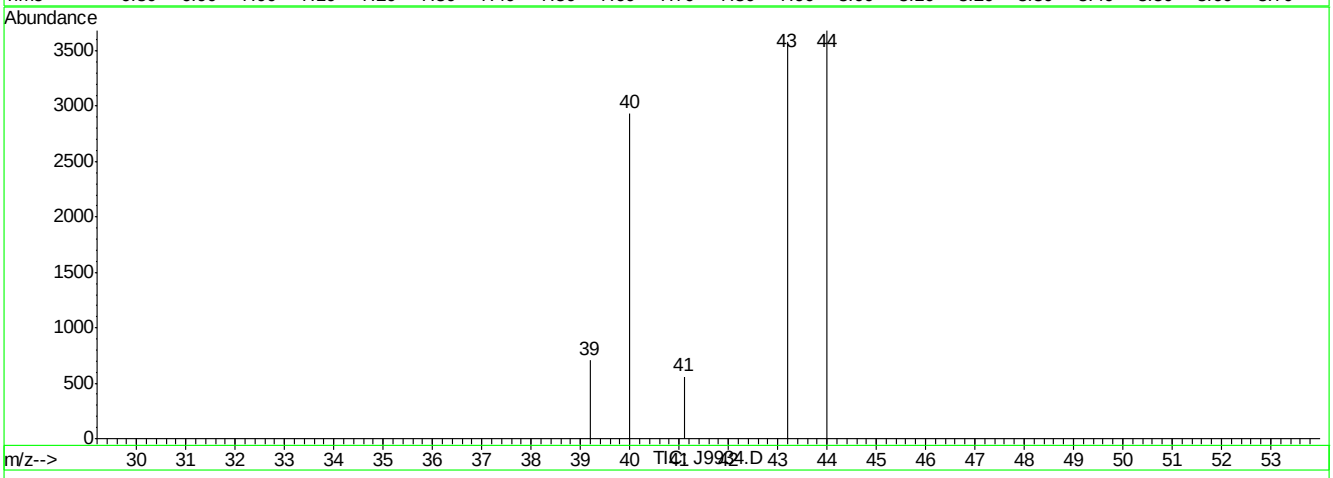
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(26) VINYL ACETATE (m)

7.81min 0.15PPBV m

response 6548

Ion	Exp%	Act%
43.00	100	100
44.00	5.90	9.07
86.00	8.50	0.00
0.00	0.00	0.00

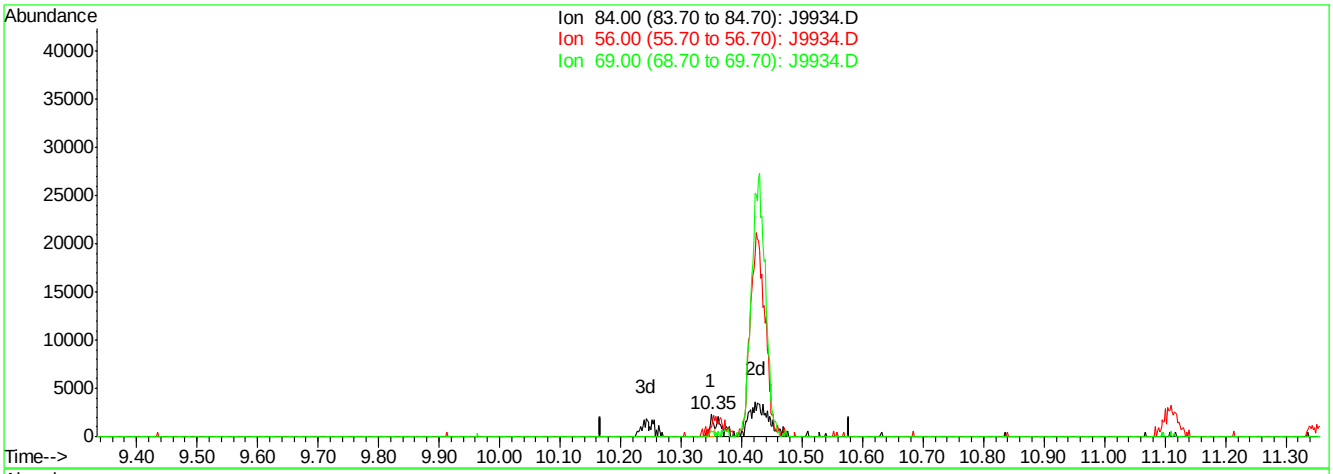
J9934.D J040407T.M Thu Apr 05 17:14:23 2007

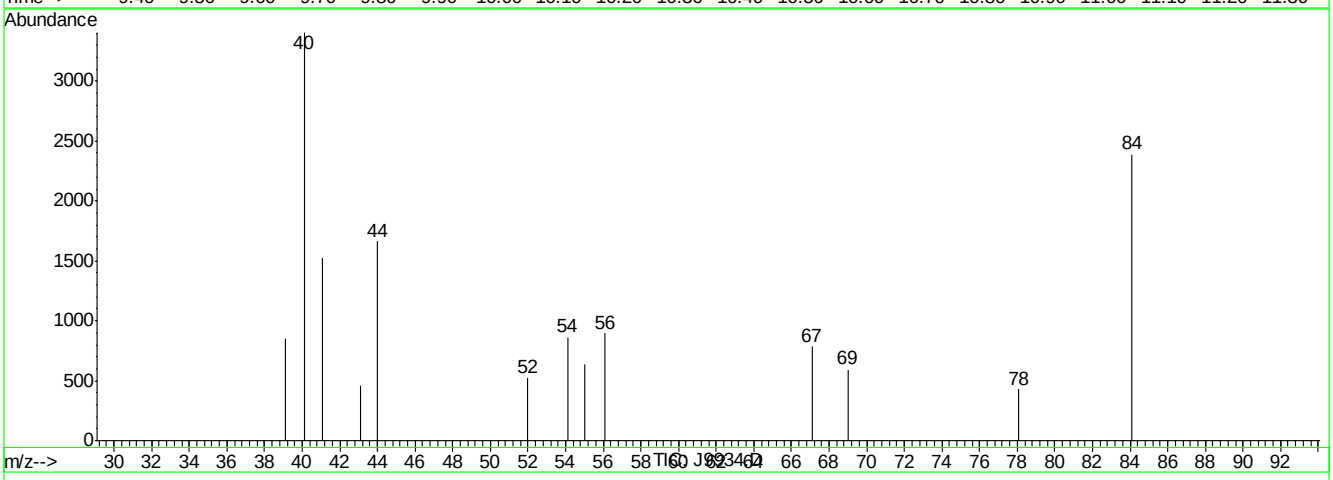
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(37) CYCLOHEXANE (m)

10.35min 0.04PPBV

response 1020

Ion	Exp%	Act%
84.00	100	100
56.00	110.80	322.25#
69.00	33.80	0.00#
0.00	0.00	0.00

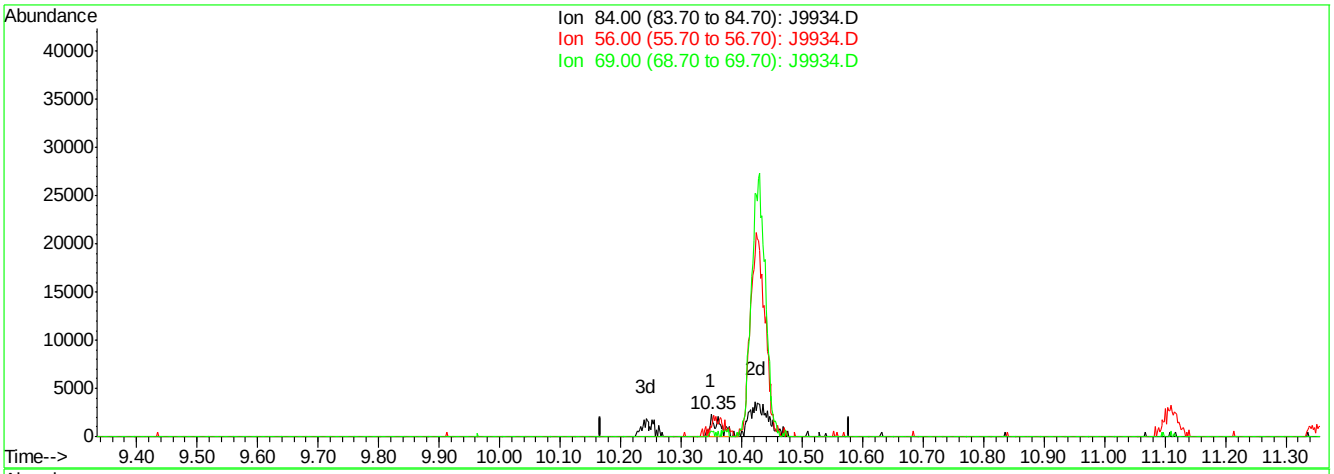
J9934.D J040407T.M Thu Apr 05 17:14:38 2007

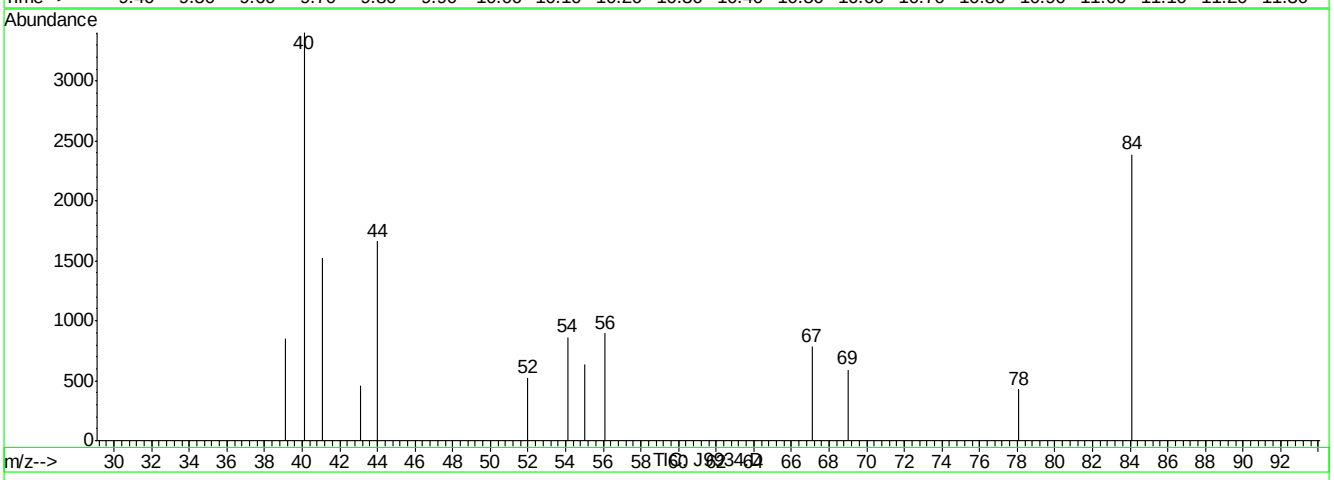
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(37) CYCLOHEXANE (m)

10.35min 0.10PPBV m

response 2606

Ion	Exp%	Act%
84.00	100	100
56.00	110.80	126.13
69.00	33.80	0.00#
0.00	0.00	0.00

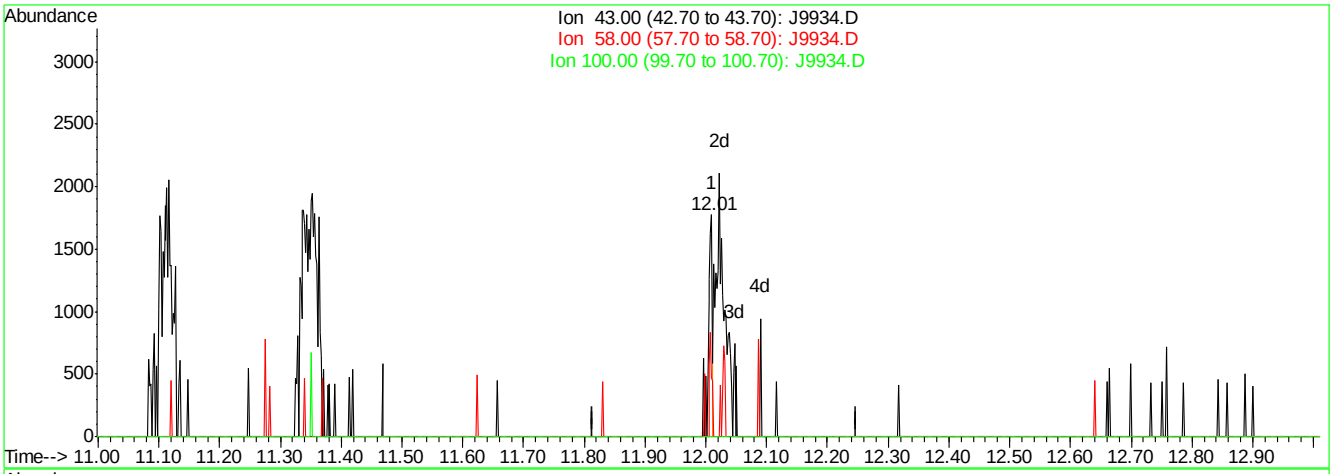
J9934.D J040407T.M Thu Apr 05 17:14:42 2007

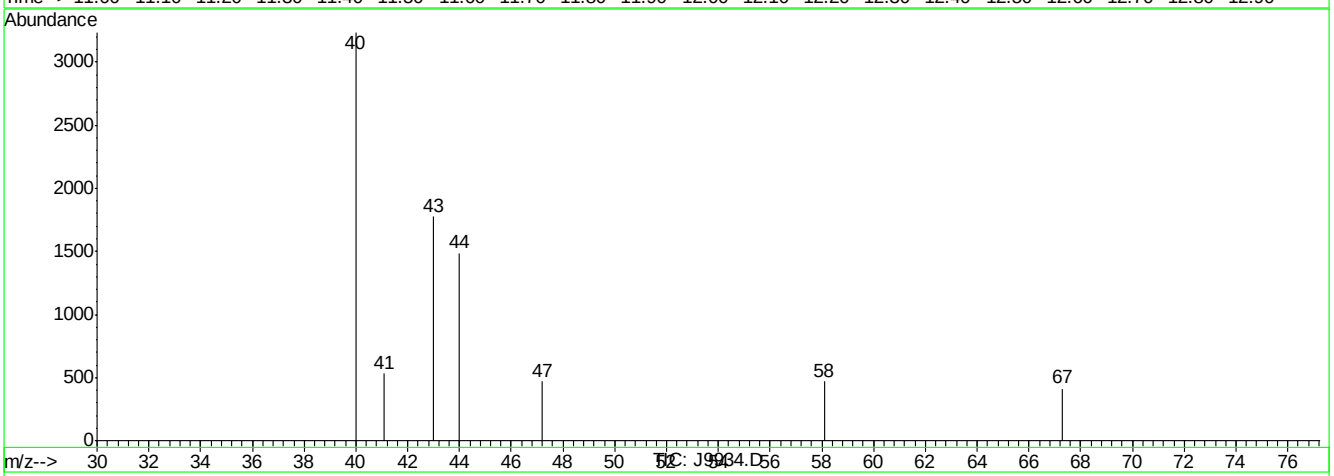
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(44) METHYL ISOBUTYL KETONE (m)

12.01min 0.02PPBV

response 777

Ion	Exp%	Act%
43.00	100	100
58.00	36.80	31.79
100.00	13.90	0.00
0.00	0.00	0.00

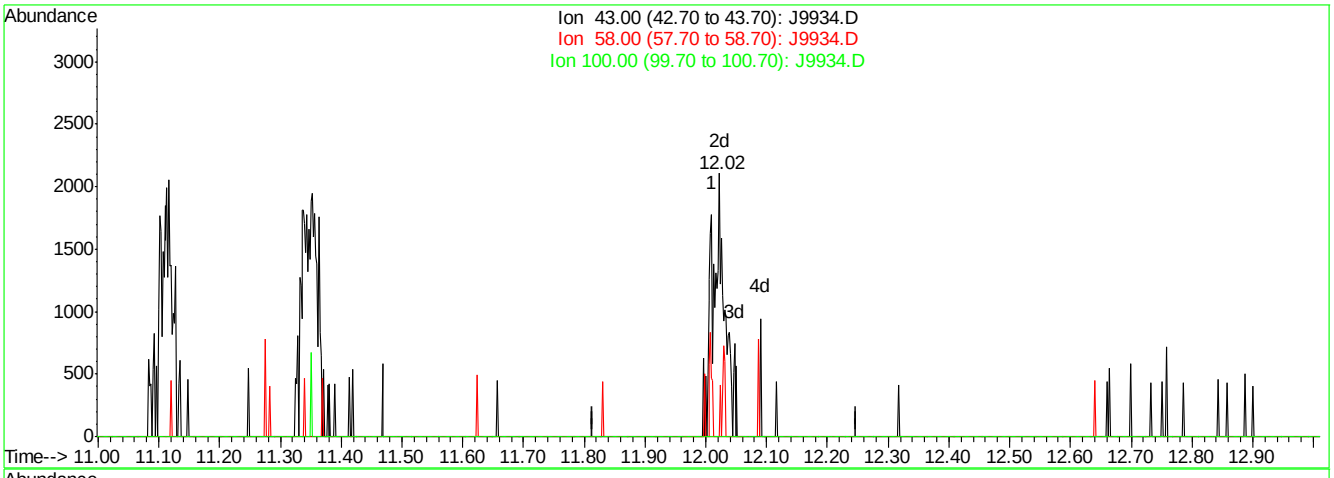
J9934.D J040407T.M Thu Apr 05 17:14:59 2007

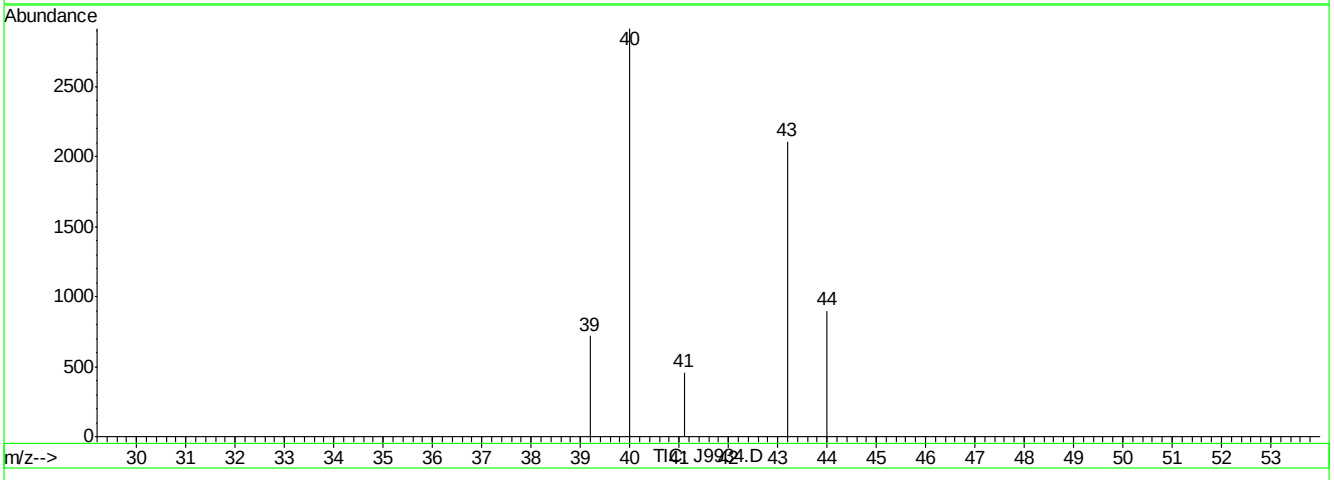
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(44) METHYL ISOBUTYL KETONE (m)

12.02min 0.07PPBV m

response 3009

Ion	Exp%	Act%
43.00	100	100
58.00	36.80	8.21#
100.00	13.90	0.00
0.00	0.00	0.00

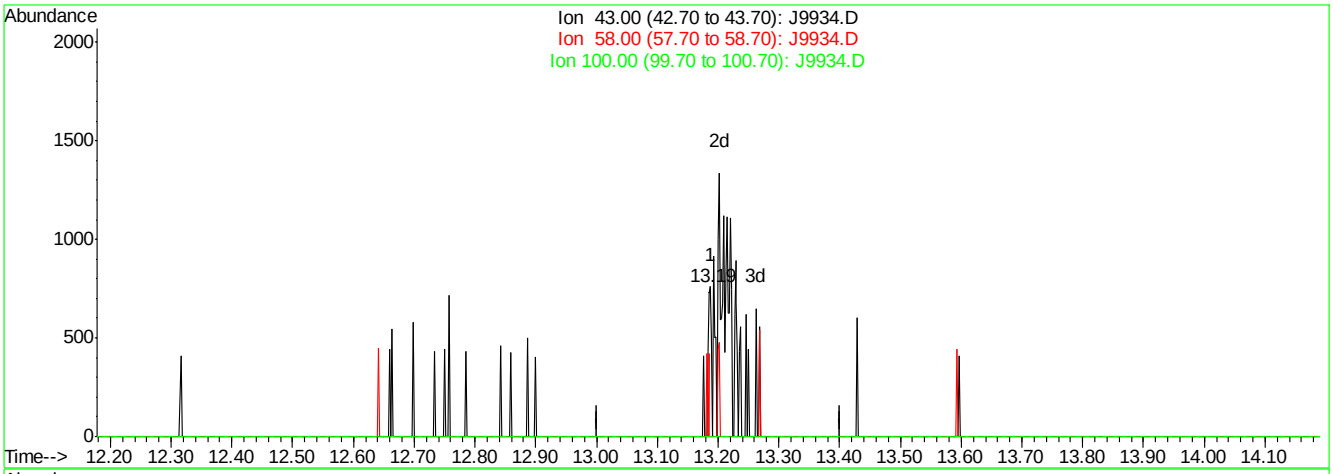
J9934.D J040407T.M Thu Apr 05 17:15:02 2007

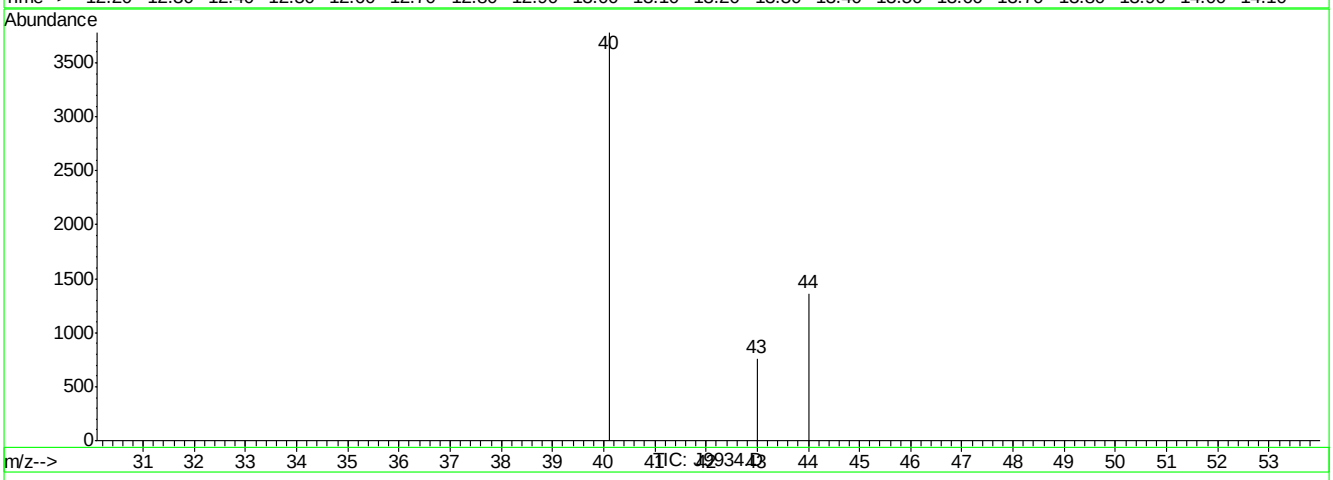
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(50) 2-HEXANONE (m)

13.19min 0.01PPBV

response 334

Ion	Exp%	Act%
43.00	100	100
58.00	50.30	26.95#
100.00	9.90	0.00
0.00	0.00	0.00

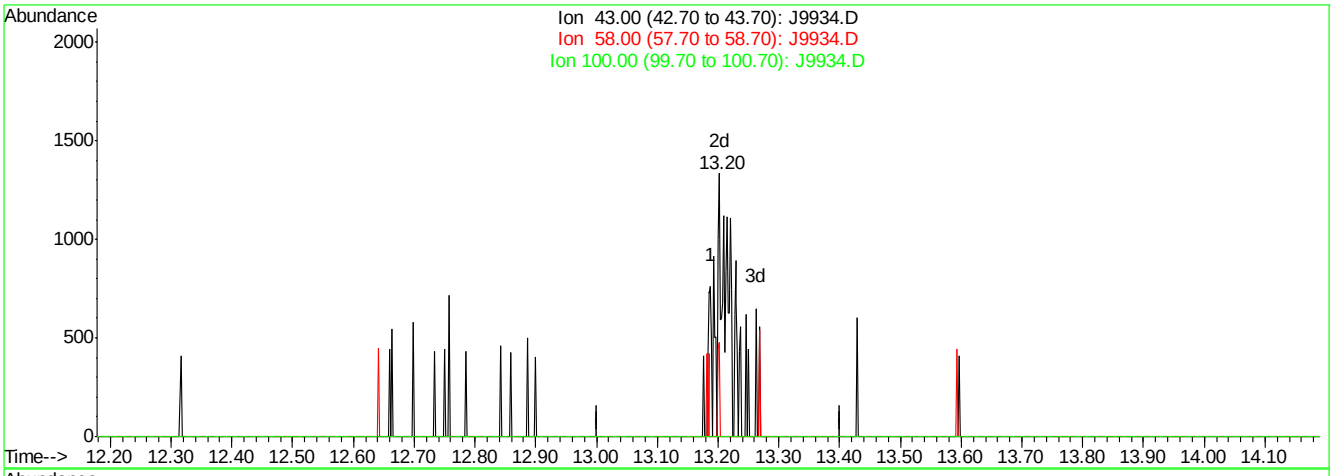
J9934.D J040407T.M Thu Apr 05 17:15:15 2007

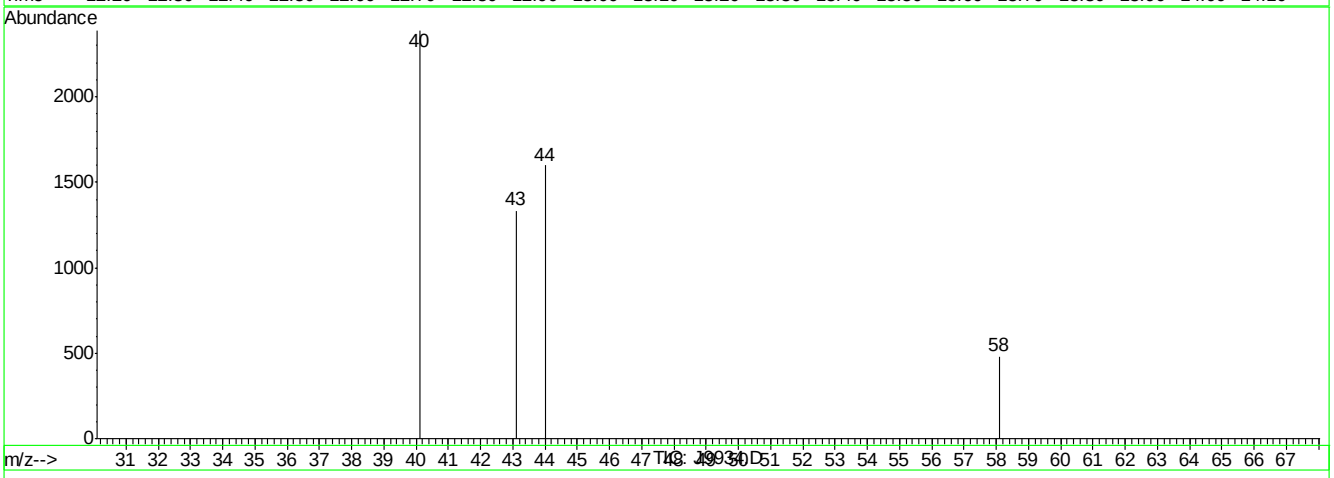
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(50) 2-HEXANONE (m)

13.20min 0.07PPBV m

response 2357

Ion	Exp%	Act%
43.00	100	100
58.00	50.30	3.82#
100.00	9.90	0.00
0.00	0.00	0.00

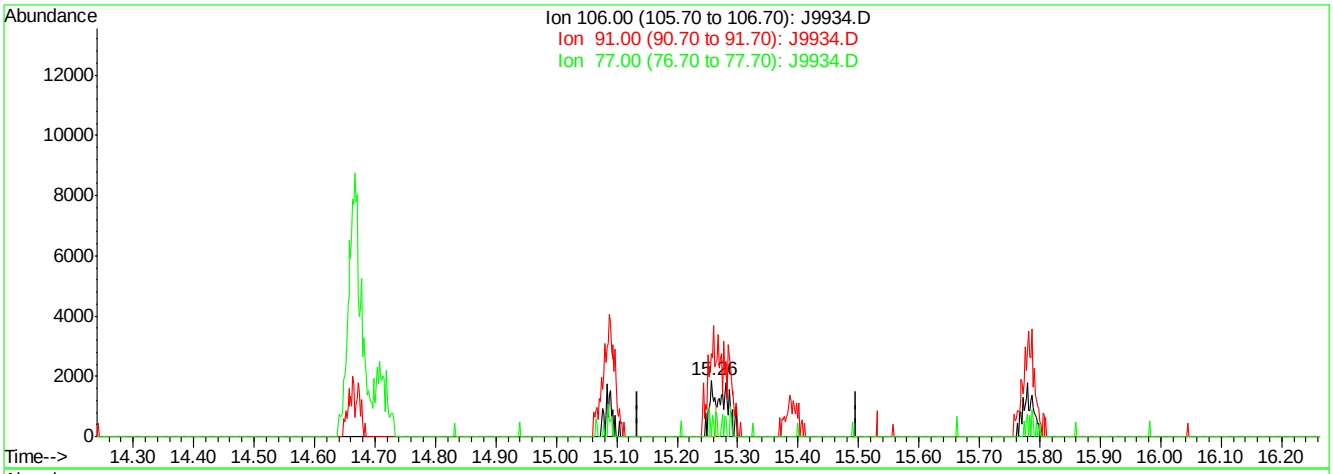
J9934.D J040407T.M Thu Apr 05 17:15:18 2007

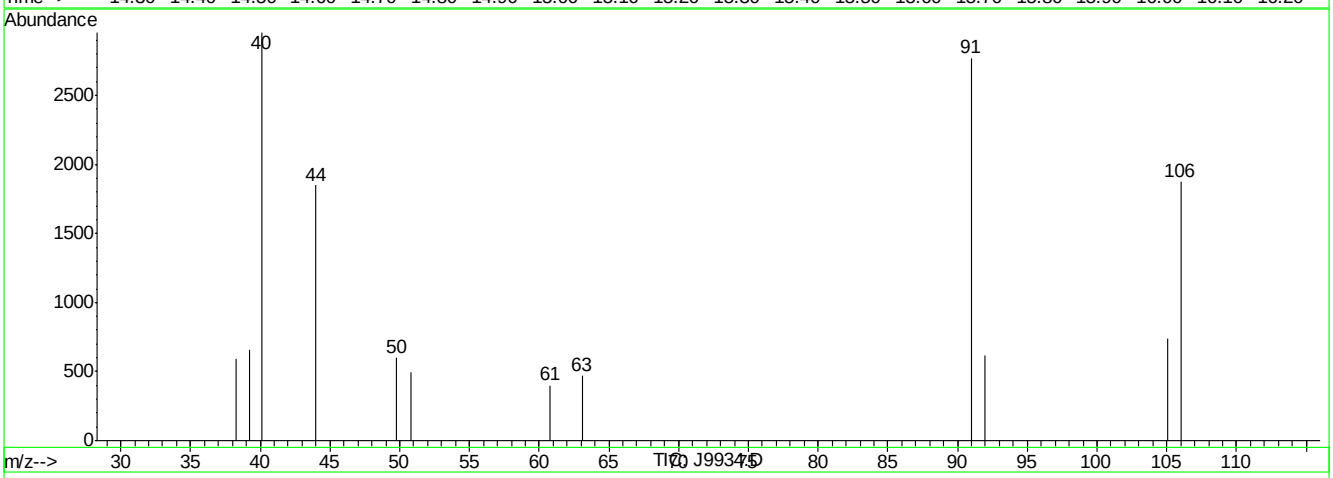
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(56) m,p-XYLENE (m)

15.26min 0.04PPBV

response 1213

Ion	Exp%	Act%
106.00	100	100
91.00	191.80	147.73#
77.00	27.10	0.00#
0.00	0.00	0.00

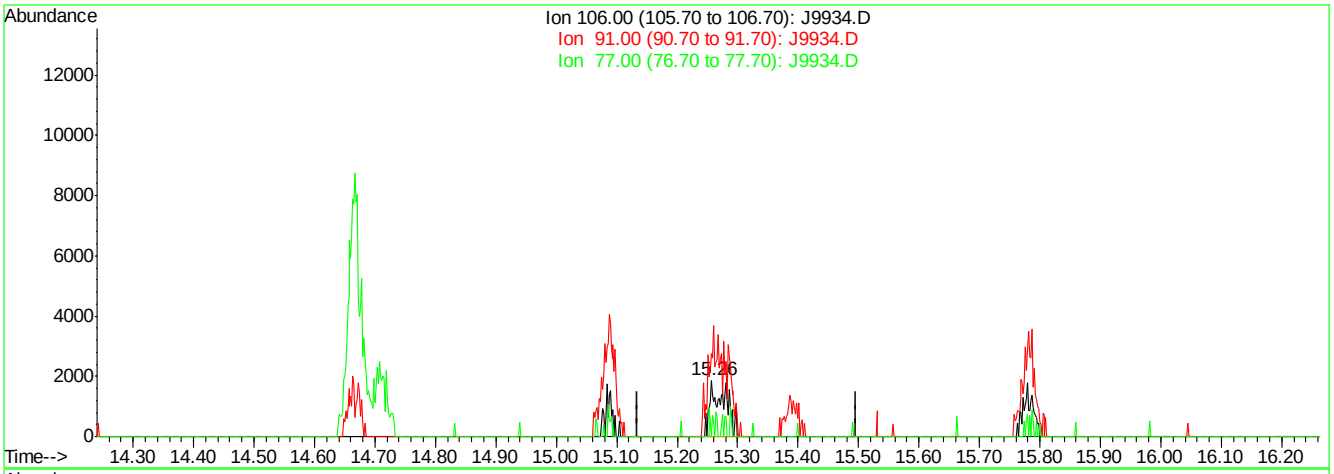
J9934.D J040407T.M Thu Apr 05 17:15:27 2007

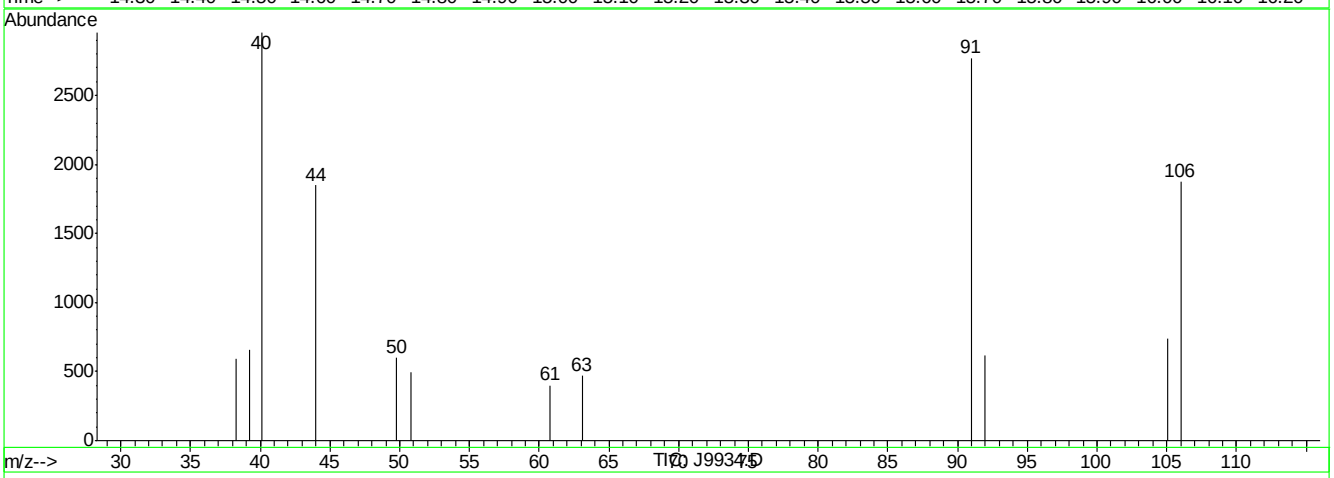
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(56) m,p-XYLENE (m)

15.26min 0.10PPBV m

response 3217

Ion	Exp%	Act%
106.00	100	100
91.00	191.80	147.73#
77.00	27.10	0.00#
0.00	0.00	0.00

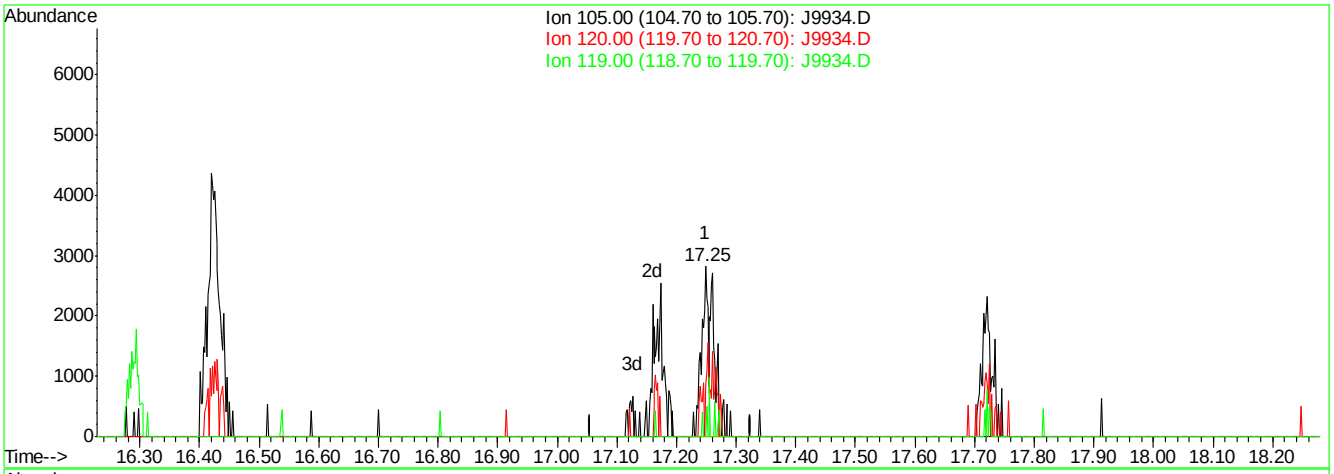
J9934.D J040407T.M Thu Apr 05 17:15:31 2007

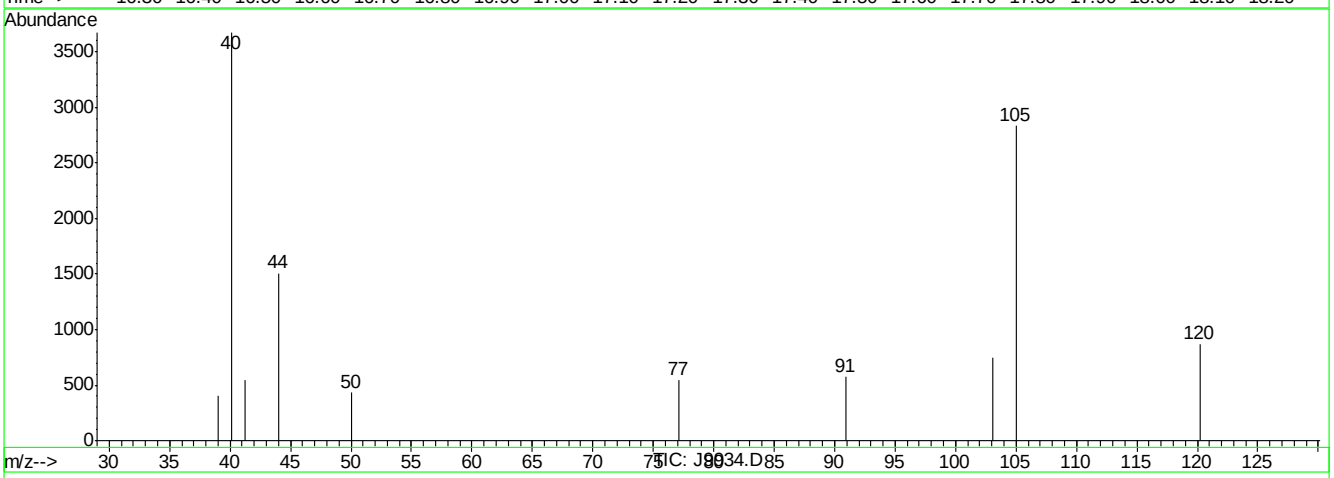
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(65) 4-ETHYLTOLUENE (m)

17.25min 0.05PPBV

response 3734

Ion	Exp%	Act%
105.00	100	100
120.00	44.20	34.49
119.00	11.40	4.26
0.00	0.00	0.00

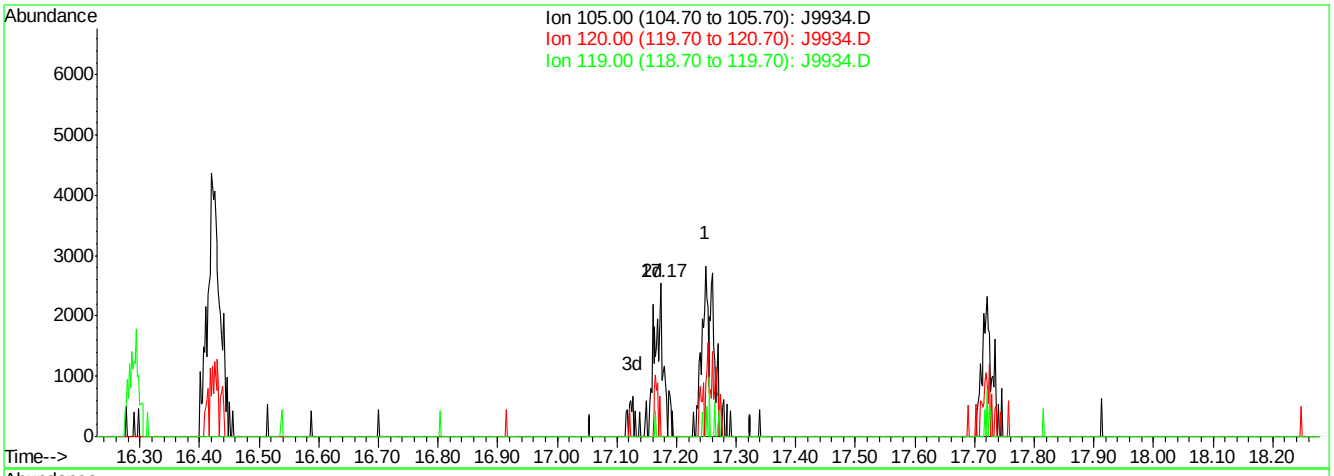
J9934.D J040407T.M Thu Apr 05 17:15:47 2007

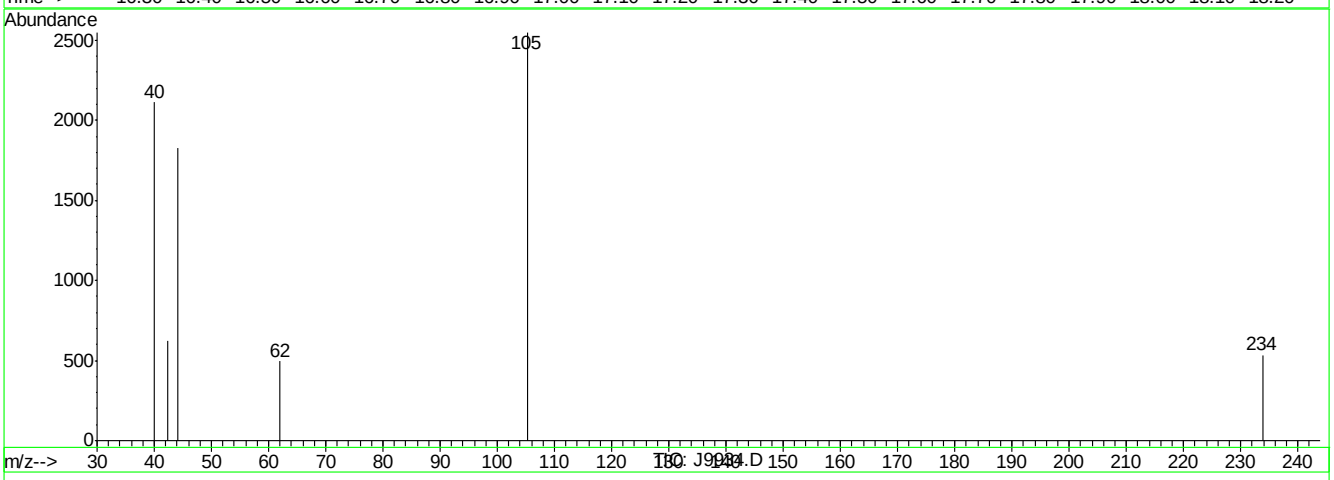
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(65) 4-ETHYLTOLUENE (m)

17.17min 0.03PPBV m

response 2702

Ion	Exp%	Act%
105.00	100	100
120.00	44.20	47.67
119.00	11.40	5.88
0.00	0.00	0.00

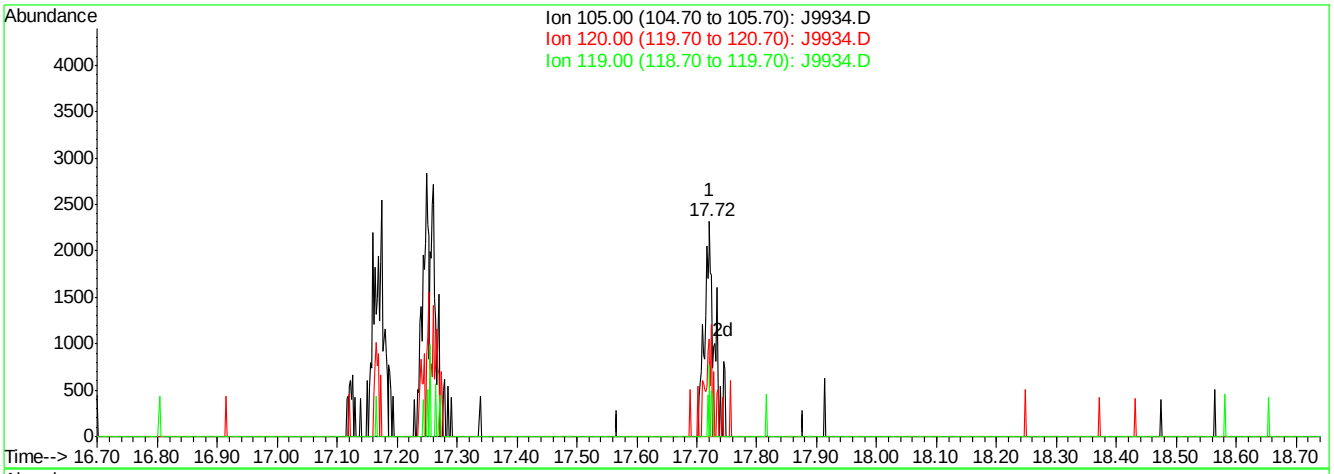
J9934.D J040407T.M Thu Apr 05 17:15:51 2007

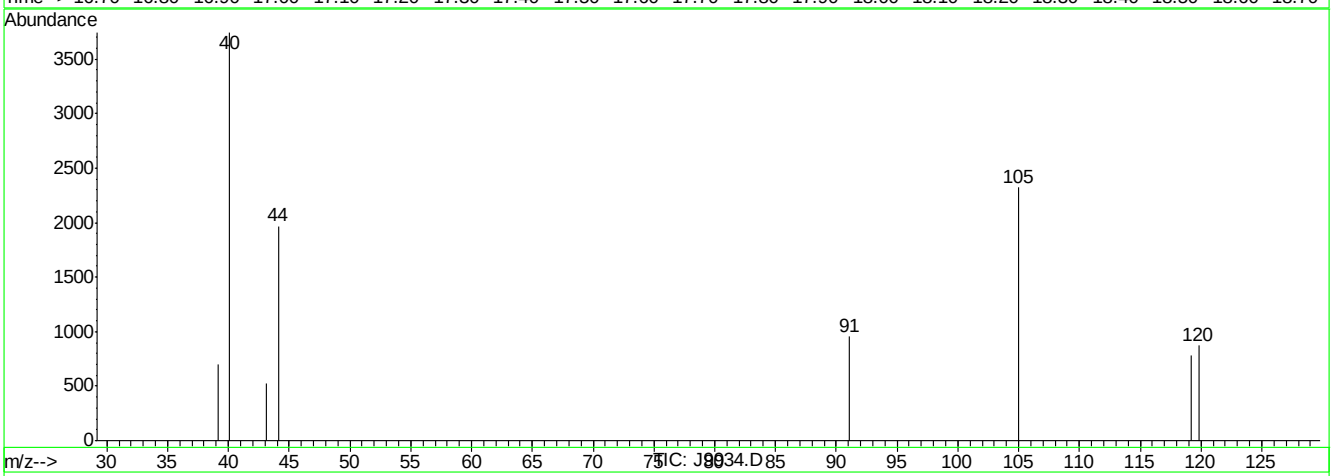
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(67) 1,2,4-TRIMETHYLBENZENE (m)

17.72min 0.03PPBV

response 2527

Ion	Exp%	Act%
105.00	100	100
120.00	44.50	36.01
119.00	11.90	7.16
0.00	0.00	0.00

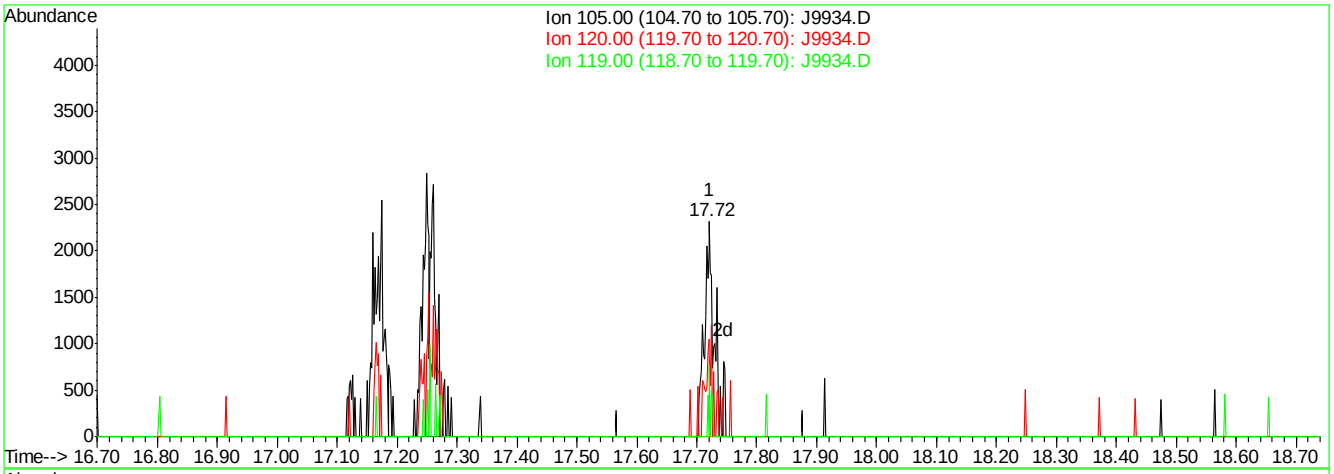
J9934.D J040407T.M Thu Apr 05 17:15:56 2007

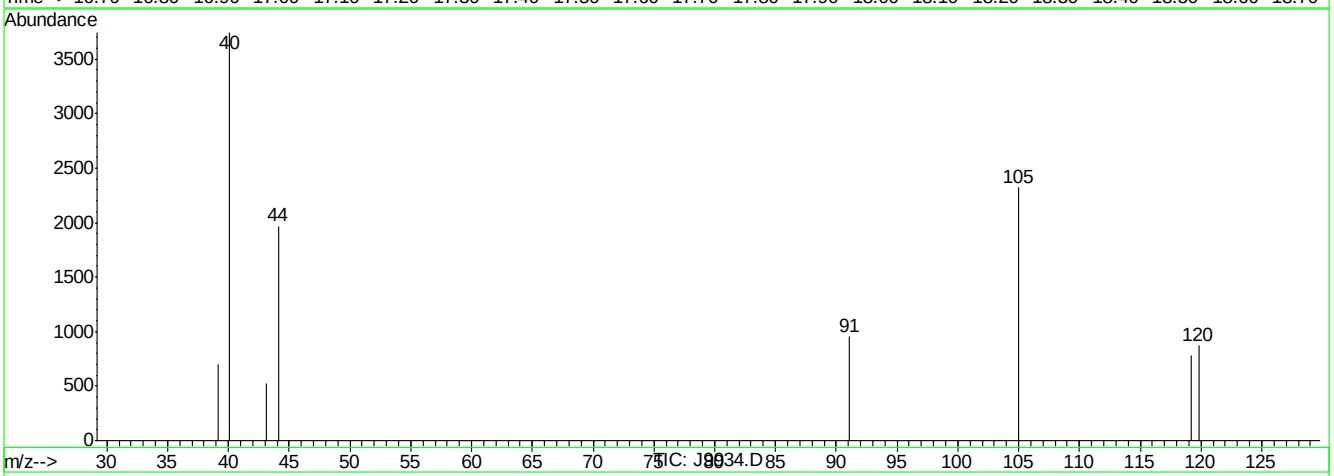
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(67) 1,2,4-TRIMETHYLBENZENE (m)

17.72min 0.03PPBV m

response 2690

Ion	Exp%	Act%
105.00	100	100
120.00	44.50	33.83
119.00	11.90	6.73
0.00	0.00	0.00

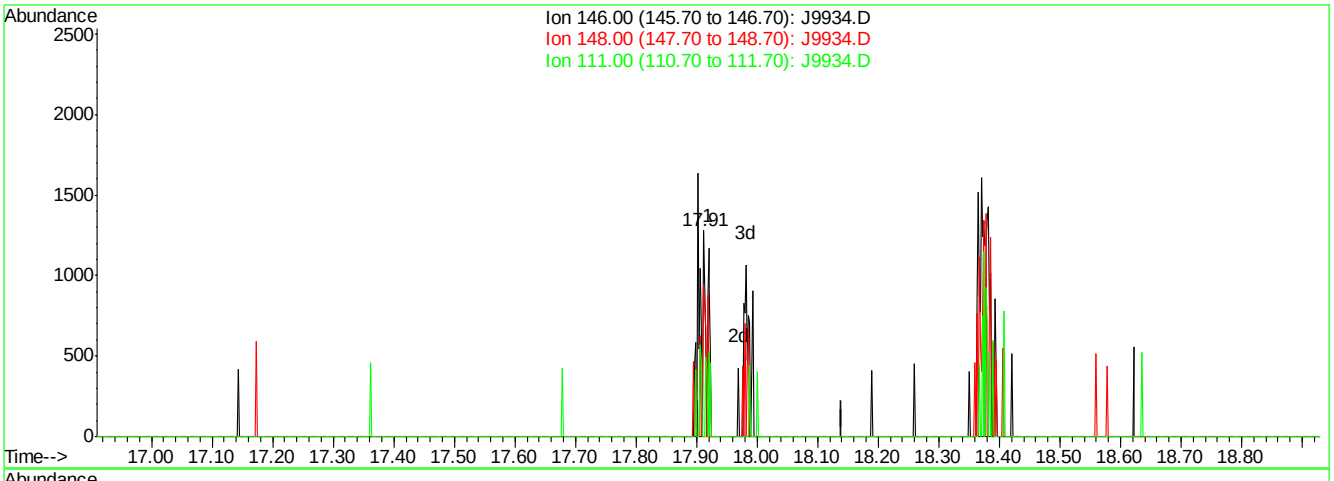
J9934.D J040407T.M Thu Apr 05 17:15:59 2007

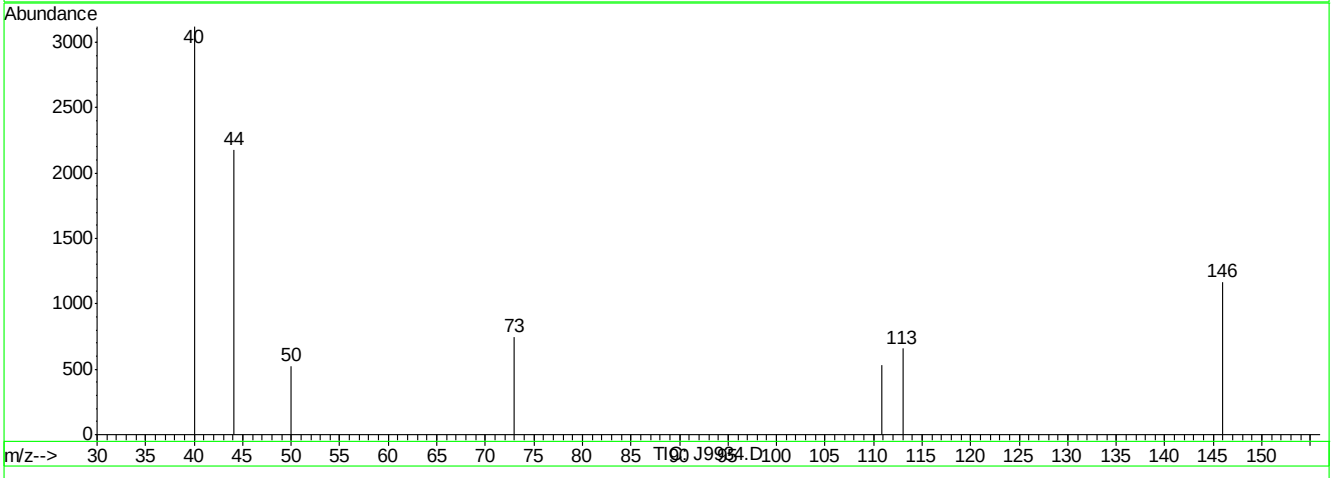
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(70) p-DICHLOROBENZENE (m)

17.92min 0.02PPBV

response 676

Ion	Exp%	Act%
146.00	100	100
148.00	59.80	68.49
111.00	36.70	29.73
0.00	0.00	0.00

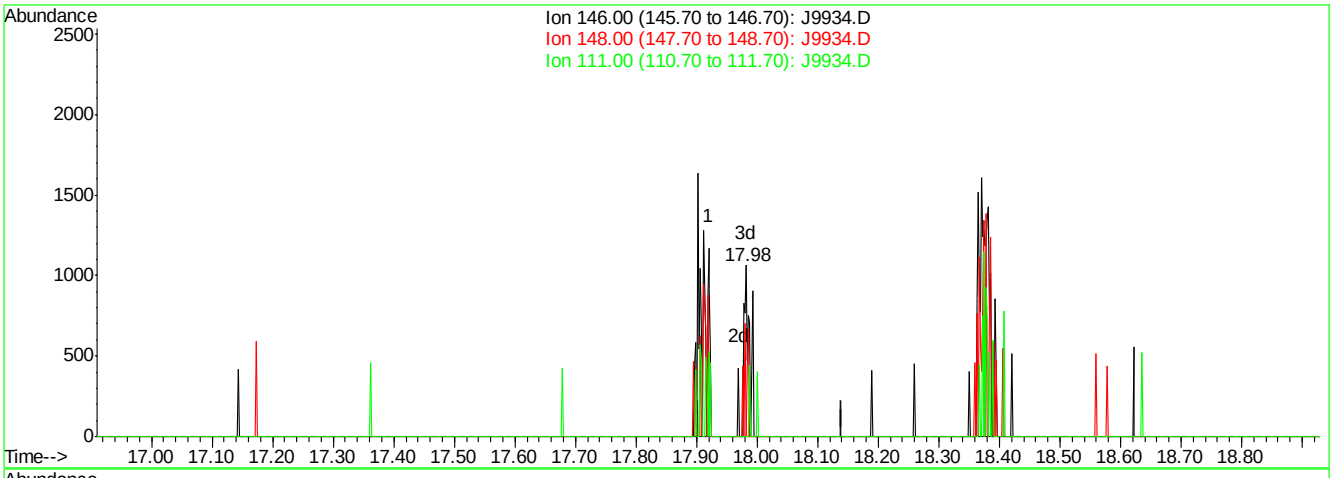
J9934.D J040407T.M Thu Apr 05 17:16:09 2007

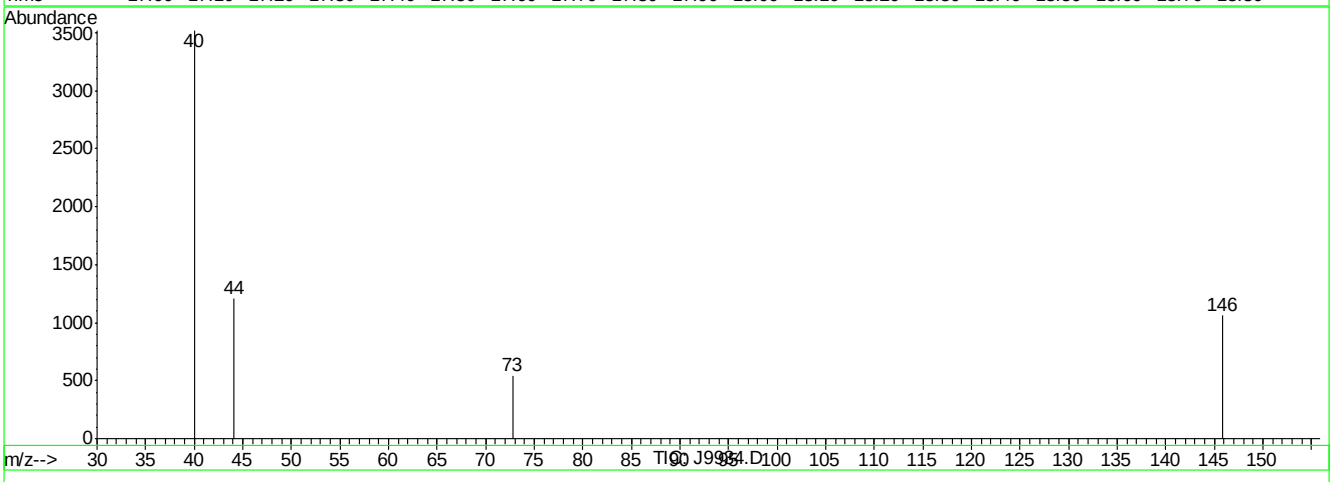
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(70) p-DICHLOROBENZENE (m)

17.98min 0.02PPBV m

response 673

Ion	Exp%	Act%
146.00	100	100
148.00	59.80	68.80
111.00	36.70	29.87
0.00	0.00	0.00

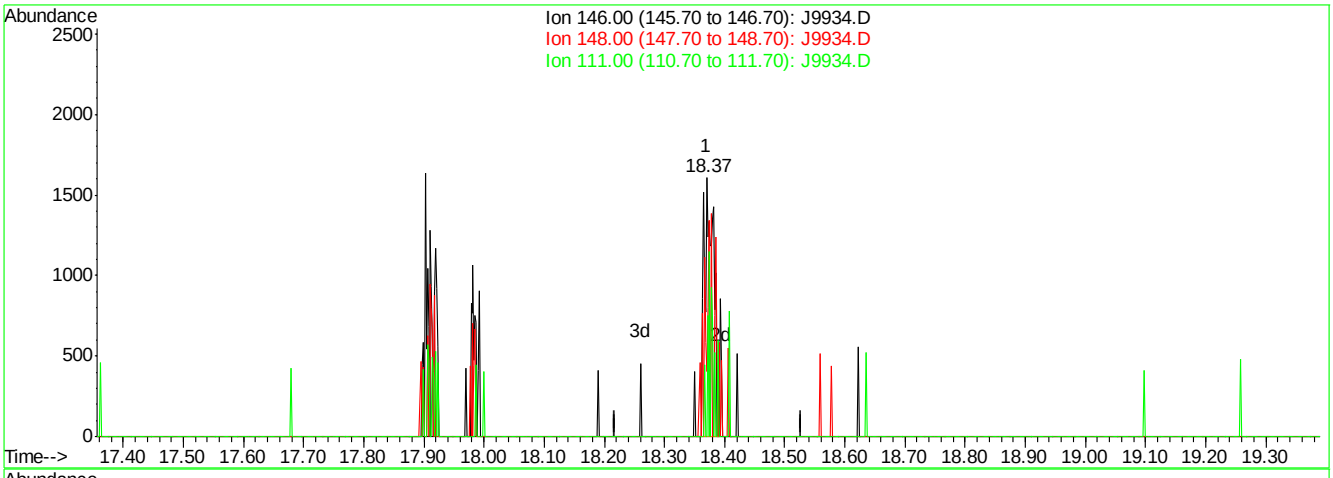
J9934.D J040407T.M Thu Apr 05 17:16:12 2007

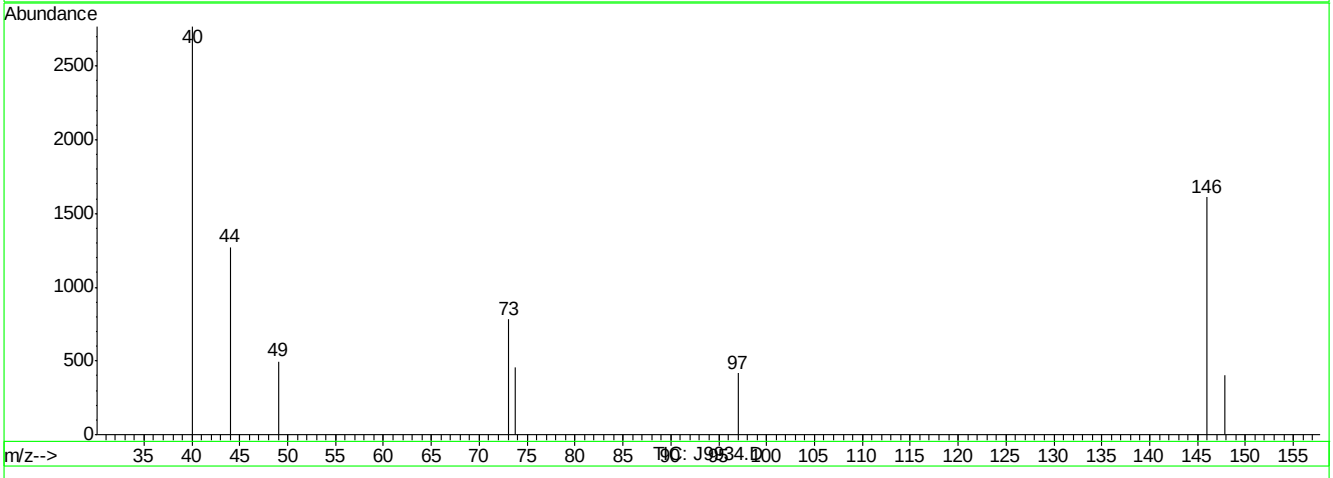
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(71) o-DICHLOROBENZENE (m)

18.37min 0.04PPBV

response 1750

Ion	Exp%	Act%
146.00	100	100
148.00	62.80	0.00#
111.00	41.50	7.31#
0.00	0.00	0.00

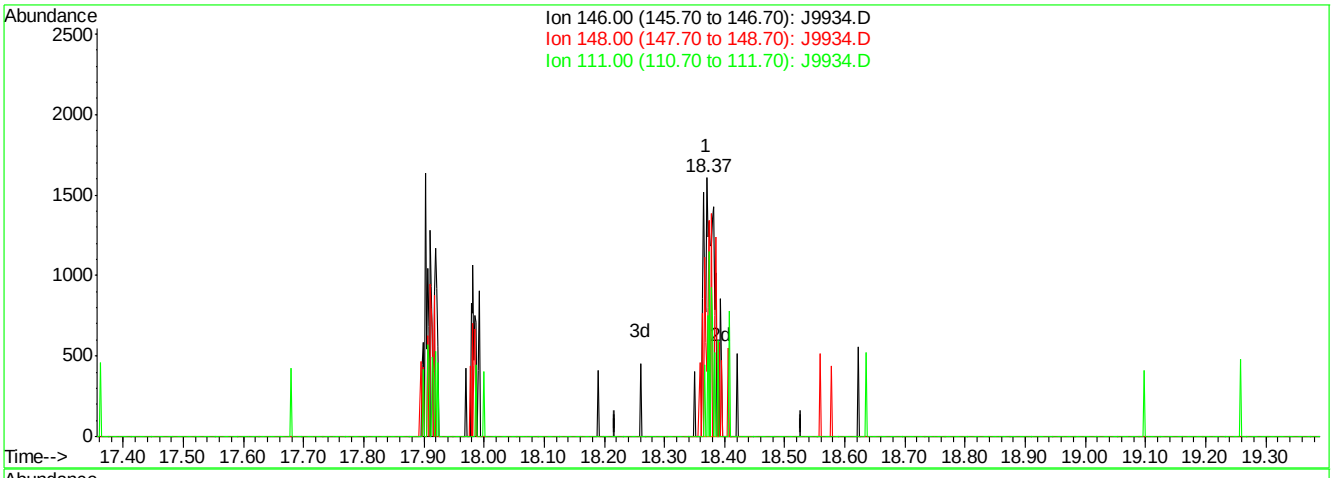
J9934.D J040407T.M Thu Apr 05 17:16:16 2007

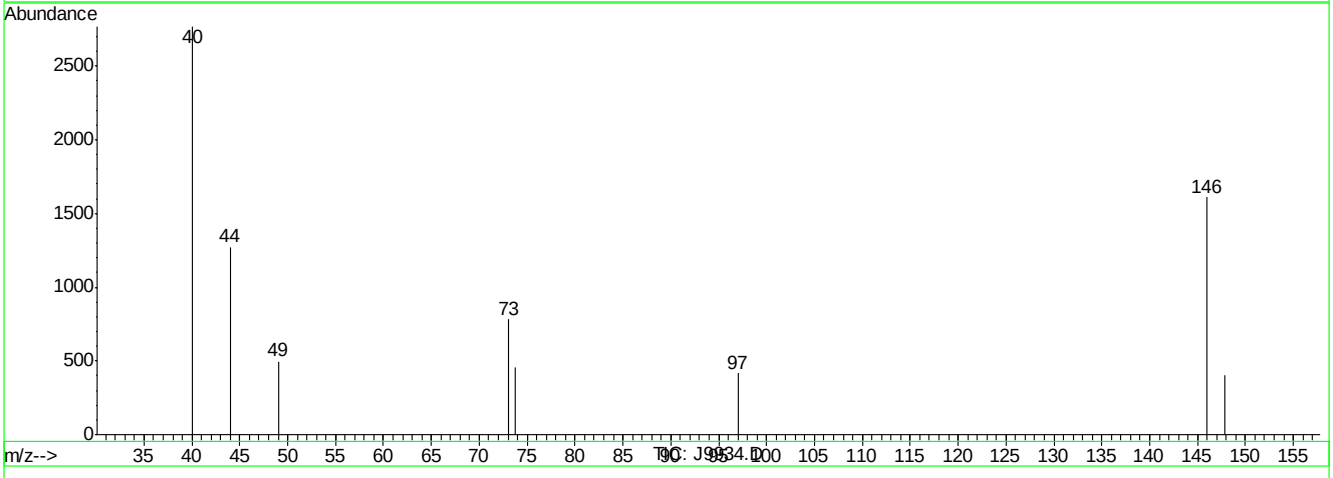
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9934.D Vial: 3
Acq On : 5 Apr 2007 4:45 pm Operator: PhilipB
Sample : IC513-.2 (M024) Inst : MSJ
Misc : MS13316, MSJ513,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 05 17:11:24 2007 Results File: J040407T.RES

Method : C:\MSDCHEM\1\METHODS\J040407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 16:39:03 2007
Response via : Multiple Level Calibration





(71) o-DICHLOROBENZENE (m)

18.37min 0.04PPBV m

response 1984

Ion	Exp%	Act%
146.00	100	100
148.00	62.80	0.00#
111.00	41.50	6.45#
0.00	0.00	0.00

J9934.D J040407T.M Thu Apr 05 17:16:19 2007

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9935.D
Acq On : 5 Apr 2007 5:39 pm
Operator : PhilipB
Sample : ICV513-10 (M119)
Misc : MS13316, MSJ513,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 06 09:40:34 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 17:22:46 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	532880	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1348725	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1134866	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.30	95	381575	5.61	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 112.20%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	1161069	9.61	PPBV	99
3) PROPYLENE	3.99	41	222346	11.67	PPBV	88
4) FREON 114	4.33	85	1001009	9.82	PPBV	89
5) CHLOROMETHANE	4.23	50	290194	10.64	PPBV	100
6) VINYL CHLORIDE	4.45	62	314488	11.04	PPBV	94
7) 1,3-BUTADIENE	4.58	39	285269	12.10	PPBV	90
8) BROMOMETHANE	4.86	94	314372	9.94	PPBV	98
9) CHLOROETHANE	5.03	64	140098	10.66	PPBV	97
10) TRICHLOROFLUOROMETHANE	5.80	101	1234726	9.44	PPBV	100
11) ISOPROPYL ALCOHOL	5.92	45	390157	9.32	PPBV	86
12) ACETONE	5.65	43	416810	9.99	PPBV	94
13) PENTANE	6.14	42	322597	10.76	PPBV	97
14) 1,1-DICHLOROETHYLENE	6.43	96	311243	10.23	PPBV	91
15) CARBON DISULFIDE	6.85	76	1003770	10.25	PPBV	96
16) ETHANOL	5.18	45	62875	9.00	PPBV	87
17) BROMOETHENE	5.39	106	296673	10.18	PPBV #	97
18) METHYLENE CHLORIDE	6.55	84	299826	7.98	PPBV	90
19) 3-CHLOROPROPENE	6.66	39	303095	10.19	PPBV	94
20) FREON 113	6.80	151	648698	9.36	PPBV	94
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	345851	10.31	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.51	59	510047	9.85	PPBV #	70
23) METHYL TERTIARY BUTYL ETHE	7.73	73	712259	9.97	PPBV	97
24) TETRAHYDROFURAN	9.18	42	225873	11.61	PPBV	87
25) HEXANE	8.63	57	425665	9.46	PPBV	90
26) VINYL ACETATE	7.80	43	475830	10.20	PPBV	96
27) 1,1-DICHLOROETHANE	7.66	63	620652	10.01	PPBV	99
28) METHYL ETHYL KETONE	8.07	43	479591	9.18	PPBV	95
29) cis-1,2-DICHLOROETHYLENE	8.46	96	388205	10.39	PPBV	99
30) ETHYL ACETATE	8.69	43	521948	9.71	PPBV	99
31) CHLOROFORM	8.75	83	1040275	10.04	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.69	97	769883	9.54	PPBV	97
33) CARBON TETRACHLORIDE	10.26	117	967843	9.61	PPBV	99
34) 1,2-DICHLOROETHANE	9.45	62	409656	10.03	PPBV	99
36) BENZENE	10.13	78	625273	10.34	PPBV	96
37) CYCLOHEXANE	10.37	84	301104	11.38	PPBV	88
38) TRICHLOROETHYLENE	11.12	95	372705	11.42	PPBV	94
39) 1,2-DICHLOROPROPANE	10.90	63	233052	10.49	PPBV	99
40) BROMODICHLOROMETHANE	11.09	83	677009	9.74	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	1291951	11.74	PPBV	97
42) 1,4-DIOXANE	11.17	88	103833	8.85	PPBV	81
43) HEPTANE	11.36	43	428754	12.26	PPBV	90

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9935.D
Acq On : 5 Apr 2007 5:39 pm
Operator : PhilipB
Sample : ICV513-10 (M119)
Misc : MS13316, MSJ513,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 06 09:40:34 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 17:22:46 2007
Response via : Initial Calibration

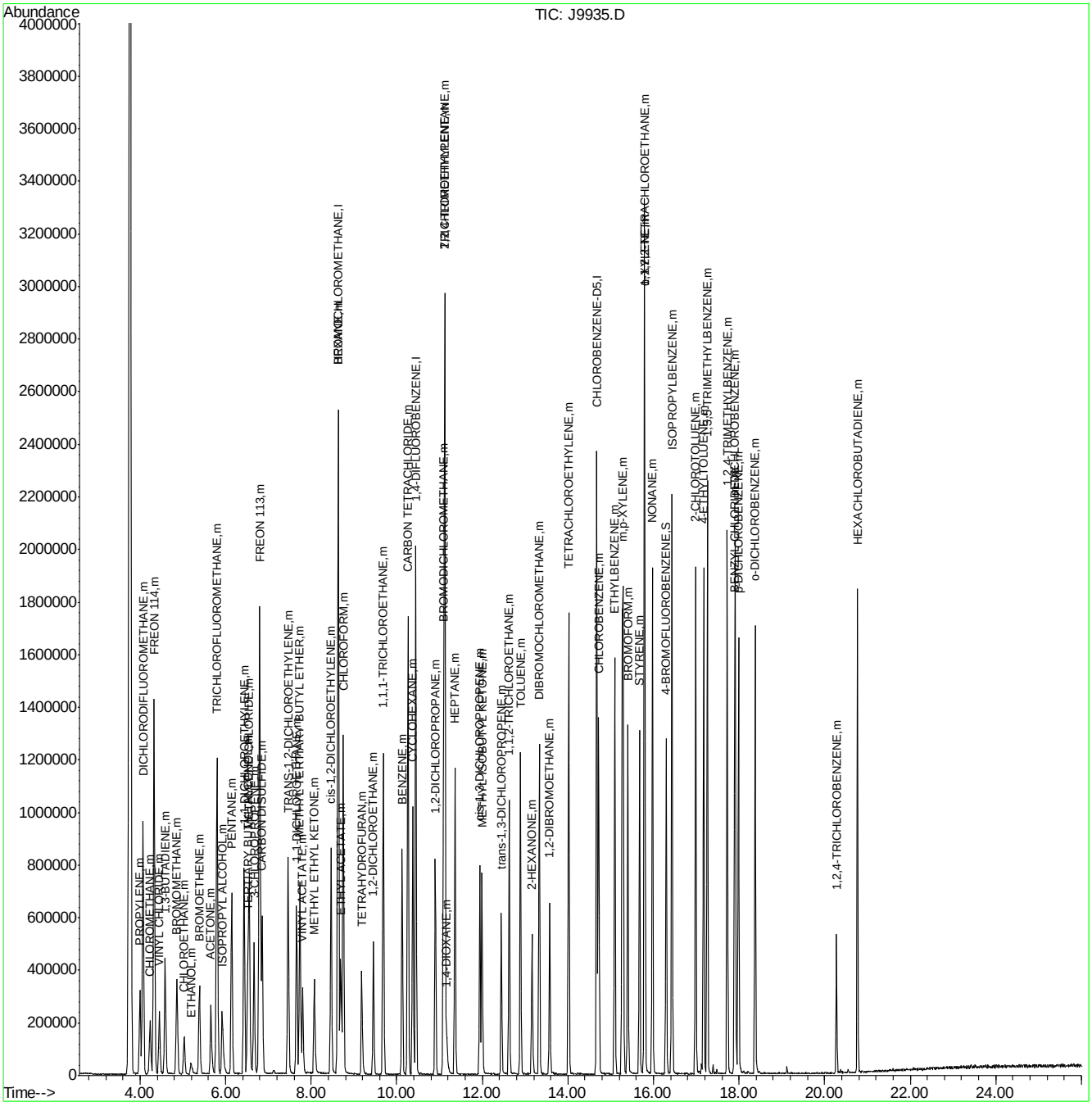
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.99	43	544609	9.97	PPBV	90
45) cis-1,3-DICHLOROPROPENE	11.94	75	337289	9.20	PPBV	88
46) TOLUENE	12.89	92	426887	8.66	PPBV	95
47) trans-1,3-DICHLOROPROPENE	12.45	75	271547	8.81	PPBV	88
48) 1,1,2-TRICHLOROETHANE	12.63	83	244342	10.47	PPBV	97
50) 2-HEXANONE	13.16	43	410242	9.15	PPBV	88
51) TETRACHLOROETHYLENE	14.02	164	295256	10.11	PPBV	94
52) DIBROMOCHLOROMETHANE	13.33	129	598699	9.30	PPBV	100
53) 1,2-DIBROMOETHANE	13.57	107	408227	8.29	PPBV	99
54) CHLOROBENZENE	14.72	112	598483	10.76	PPBV	96
55) ETHYLBENZENE	15.09	91	1003595	9.76	PPBV	96
56) m,p-XYLENE	15.29	106	804795	19.49	PPBV	88
57) o-XYLENE	15.79	106	448496	9.53	PPBV	90
58) STYRENE	15.67	104	525125	9.60	PPBV	96
59) NONANE	15.97	43	687322	10.46	PPBV	92
60) BROMOFORM	15.40	173	549383	9.08	PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	773658	11.32	PPBV	98
63) ISOPROPYLBENZENE	16.43	105	1310295	9.51	PPBV	97
64) 2-CHLOROTOLUENE	16.98	91	926322	9.63	PPBV	97
65) 4-ETHYLTOLUENE	17.17	105	1056921	9.44	PPBV	75
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1069938	9.34	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	981791	9.28	PPBV	100
68) m-DICHLOROBENZENE	17.91	146	610936	9.39	PPBV	99
69) BENZYL CHLORIDE	17.89	91	543899	9.50	PPBV	98
70) p-DICHLOROBENZENE	17.99	146	551657	9.36	PPBV	98
71) o-DICHLOROBENZENE	18.37	146	535792	9.18	PPBV	97
72) HEXACHLOROBUTADIENE	20.77	225	209902	8.56	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.28	180	106495	8.83	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9935.D
Acq On : 5 Apr 2007 5:39 pm
Operator : PhilipB
Sample : ICV513-10 (M119)
Misc : MS13316, MSJ513,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 06 09:40:34 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 17:22:46 2007
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
04/16/07 11:40

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10018.D
Acq On : 13 Apr 2007 9:41 am
Operator : PhilipB
Sample : CC513-10 (M119)
Misc : MS13358, MSJ518,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 13 10:53:33 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 17:22:46 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.59	128	391906	10.00	PPBV	-0.04
35) 1,4-DIFLUOROBENZENE	10.42	114	883716	10.00	PPBV	-0.03
49) CHLOROBENZENE-D5	14.67	117	732480	10.00	PPBV	-0.01

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	236889	5.40	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 108.00%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	996231	11.21	PPBV		97
3) PROPYLENE	3.99	41	162980	11.63	PPBV		93
4) FREON 114	4.32	85	747323	9.97	PPBV		91
5) CHLOROMETHANE	4.23	50	197457	9.84	PPBV		97
6) VINYL CHLORIDE	4.44	62	194711	9.29	PPBV		94
7) 1,3-BUTADIENE	4.57	39	204307	11.78	PPBV	#	79
8) BROMOMETHANE	4.85	94	209594	9.01	PPBV		95
9) CHLOROETHANE	5.01	64	88264	9.13	PPBV		75
10) TRICHLOROFLUOROMETHANE	5.77	101	1072219	11.15	PPBV		99
11) ISOPROPYL ALCOHOL	5.89	45	244568	7.88	PPBV		78
12) ACETONE	5.63	43	322197	10.53	PPBV		67
13) PENTANE	6.12	42	163506	7.42	PPBV		83
14) 1,1-DICHLOROETHYLENE	6.40	96	190295	8.51	PPBV	#	76
15) CARBON DISULFIDE	6.82	76	532963	7.40	PPBV		73
16) ETHANOL	5.17	45	43041	8.31	PPBV		73
17) BROMOETHENE	5.37	106	199197	9.30	PPBV	#	93
18) METHYLENE CHLORIDE	6.53	84	175147	6.34	PPBV		83
19) 3-CHLOROPROPENE	6.63	39	221982	10.15	PPBV	#	69
20) FREON 113	6.76	151	494233	9.69	PPBV		100
21) TRANS-1,2-DICHLOROETHYLENE	7.43	96	205726	8.34	PPBV		98
22) TERTIARY BUTYL ALCOHOL	6.49	59	306005	8.03	PPBV	#	62
23) METHYL TERTIARY BUTYL ETHE	7.70	73	454086	8.64	PPBV		85
24) TETRAHYDROFURAN	9.15	42	157671	11.02	PPBV		84
25) HEXANE	8.60	57	245445	7.42	PPBV	#	75
26) VINYL ACETATE	7.77	43	280423	8.17	PPBV		97
27) 1,1-DICHLOROETHANE	7.62	63	356621	7.82	PPBV		95
28) METHYL ETHYL KETONE	8.04	43	273047m	7.11	PPBV		
29) cis-1,2-DICHLOROETHYLENE	8.43	96	249467	9.08	PPBV		98
30) ETHYL ACETATE	8.66	43	336015	8.50	PPBV		100
31) CHLOROFORM	8.72	83	815500	10.70	PPBV		98
32) 1,1,1-TRICHLOROETHANE	9.66	97	690373	11.63	PPBV		97
33) CARBON TETRACHLORIDE	10.23	117	936658	12.65	PPBV		99
34) 1,2-DICHLOROETHANE	9.43	62	349300	11.63	PPBV		99
36) BENZENE	10.10	78	426430	10.76	PPBV		94
37) CYCLOHEXANE	10.35	84	202158	11.66	PPBV		92
38) TRICHLOROETHYLENE	11.10	95	260171	12.17	PPBV		94
39) 1,2-DICHLOROPROPANE	10.88	63	151749	10.42	PPBV		88
40) BROMODICHLOROMETHANE	11.07	83	562609	12.36	PPBV		99
41) 2,2,4-TRIMETHYLPENTANE	11.10	57	723042	10.02	PPBV		96
42) 1,4-DIOXANE	11.15	88	72383	9.36	PPBV		92
43) HEPTANE	11.34	43	282512	12.33	PPBV		87

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10018.D
Acq On : 13 Apr 2007 9:41 am
Operator : PhilipB
Sample : CC513-10 (M119)
Misc : MS13358, MSJ518,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 13 10:53:33 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 17:22:46 2007
Response via : Initial Calibration

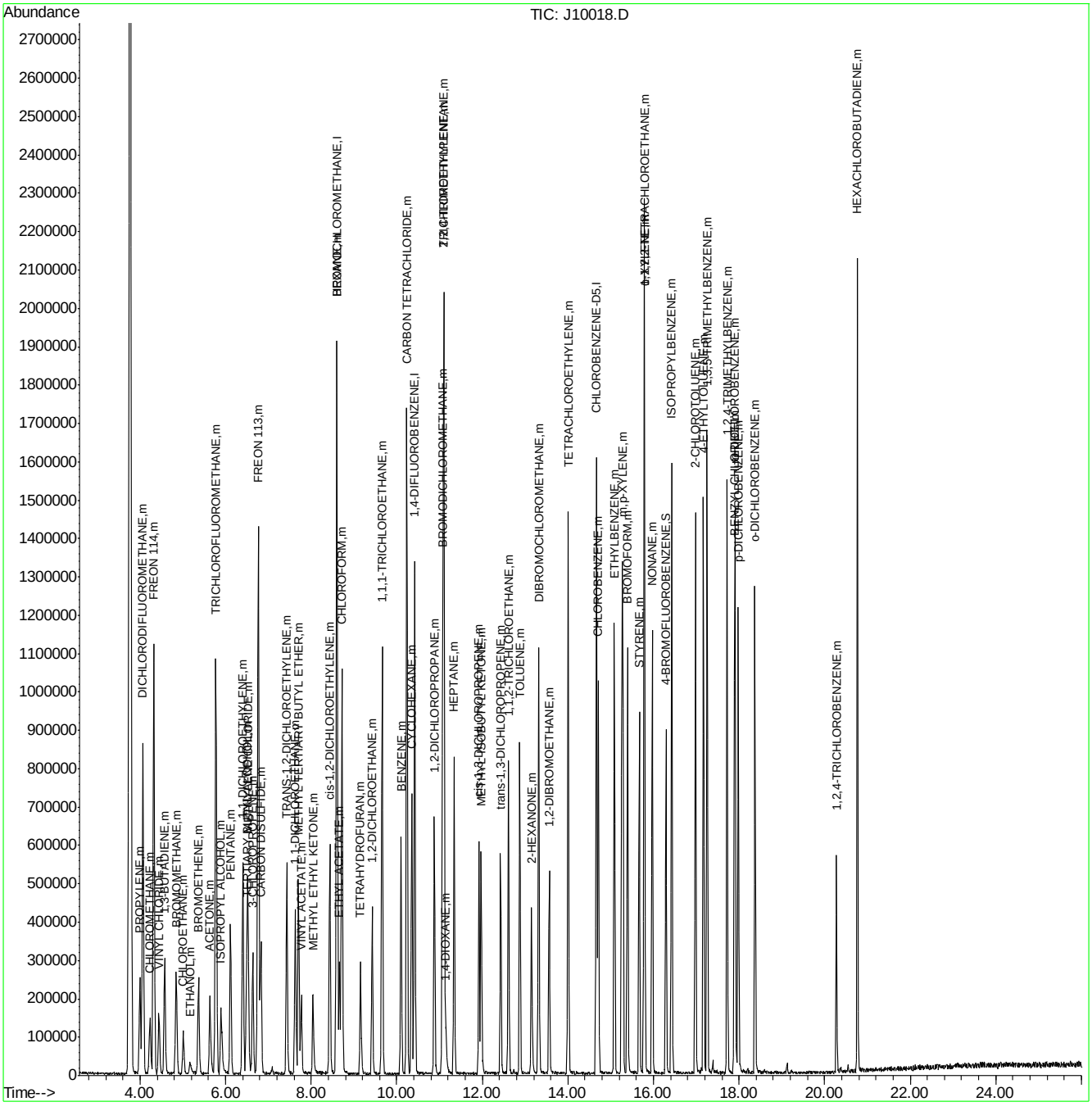
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.97	43	412201	11.43	PPBV	86
45) cis-1,3-DICHLOROPROPENE	11.92	75	222725	9.26	PPBV #	70
46) TOLUENE	12.88	92	289991	8.93	PPBV	92
47) trans-1,3-DICHLOROPROPENE	12.43	75	230302	11.06	PPBV #	77
48) 1,1,2-TRICHLOROETHANE	12.61	83	170192	11.13	PPBV	99
50) 2-HEXANONE	13.15	43	338035	11.46	PPBV	82
51) TETRACHLOROETHYLENE	14.01	164	204224	10.83	PPBV	84
52) DIBROMOCHLOROMETHANE	13.31	129	514609	12.39	PPBV	99
53) 1,2-DIBROMOETHANE	13.56	107	297402	9.20	PPBV	99
54) CHLOROBENZENE	14.71	112	429208	11.96	PPBV	95
55) ETHYLBENZENE	15.09	91	708971	10.56	PPBV	95
56) m,p-XYLENE	15.28	106	533233m	19.92	PPBV	
57) o-XYLENE	15.78	106	287241	9.47	PPBV	88
58) STYRENE	15.67	104	354140	9.94	PPBV	93
59) NONANE	15.97	43	404150	9.59	PPBV	91
60) BROMOFORM	15.39	173	425411	10.55	PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	458798	10.40	PPBV	98
63) ISOPROPYLBENZENE	16.42	105	918037	10.19	PPBV	96
64) 2-CHLOROTOLUENE	16.98	91	633876	10.11	PPBV	94
65) 4-ETHYLTOLUENE	17.17	105	799430	10.72	PPBV #	73
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	783312	10.36	PPBV	95
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	704006	10.09	PPBV	97
68) m-DICHLOROBENZENE	17.91	146	404748	9.58	PPBV	95
69) BENZYL CHLORIDE	17.89	91	430258	11.14	PPBV	98
70) p-DICHLOROBENZENE	17.98	146	359300	9.42	PPBV	96
71) o-DICHLOROBENZENE	18.37	146	358765	9.44	PPBV	96
72) HEXACHLOROBUTADIENE	20.76	225	194373	11.32	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.28	180	97233	11.38	PPBV	94

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10018.D
Acq On : 13 Apr 2007 9:41 am
Operator : PhilipB
Sample : CC513-10 (M119)
Misc : MS13358, MSJ518,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 13 10:53:33 2007
Quant Method : C:\MSDCHEM\1\METHODS\J040507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 05 17:22:46 2007
Response via : Initial Calibration



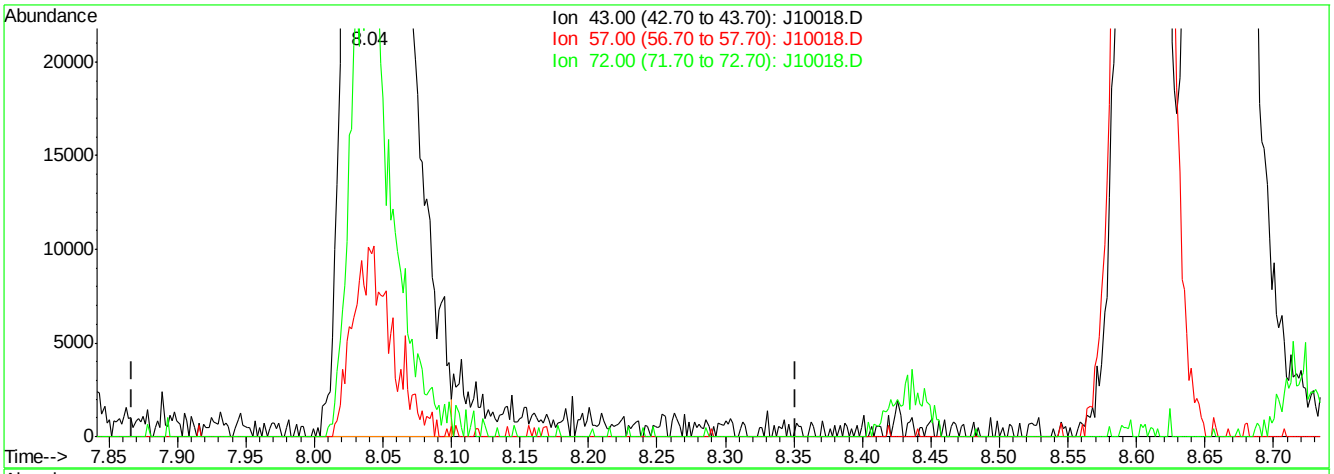
ACCUTEST Laboratories M64701

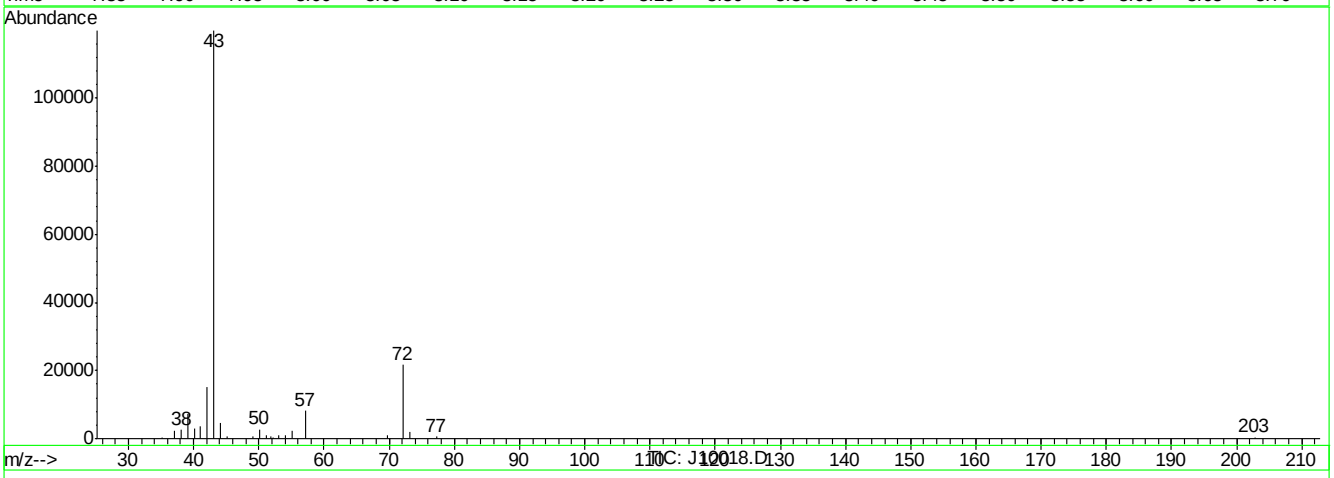
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10018.D Vial: 1
Acq On : 13 Apr 2007 9:41 am Operator: PhilipB
Sample : CC513-10 (M119) Inst : MSJ
Misc : MS13358, MSJ518,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 13 10:52:52 2007 Results File: J040507T.RES

Method : C:\MSDCHEM\1\METHODS\J040507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 17:22:46 2007
Response via : Multiple Level Calibration





(28) METHYL ETHYL KETONE (m)

8.04min 6.85PPBV

response 263344

Ion	Exp%	Act%
43.00	100	100
57.00	7.80	6.76
72.00	25.60	18.09
0.00	0.00	0.00

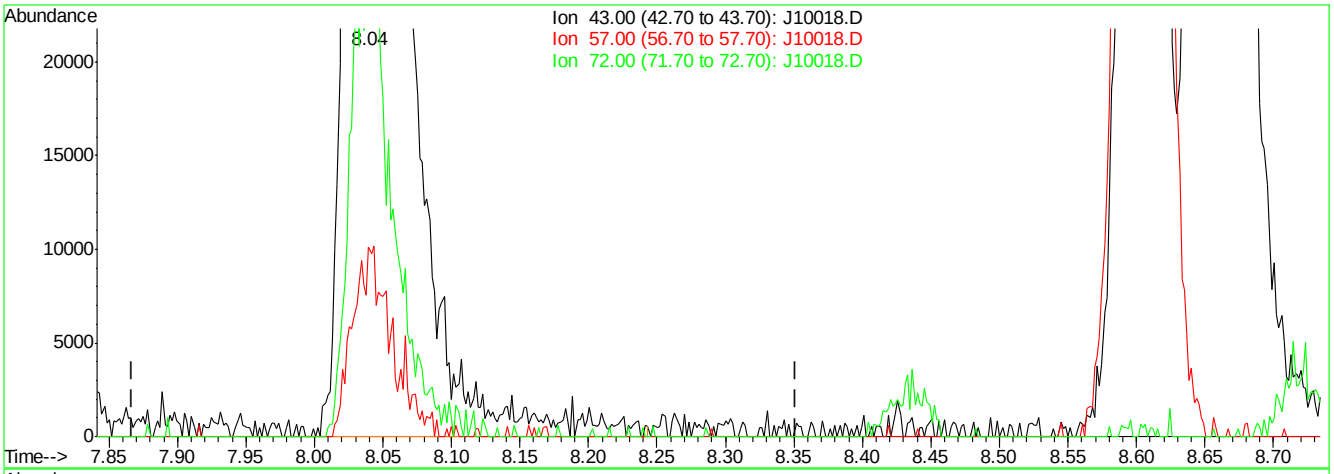
J10018.D J040507T.M Fri Apr 13 10:53:13 2007

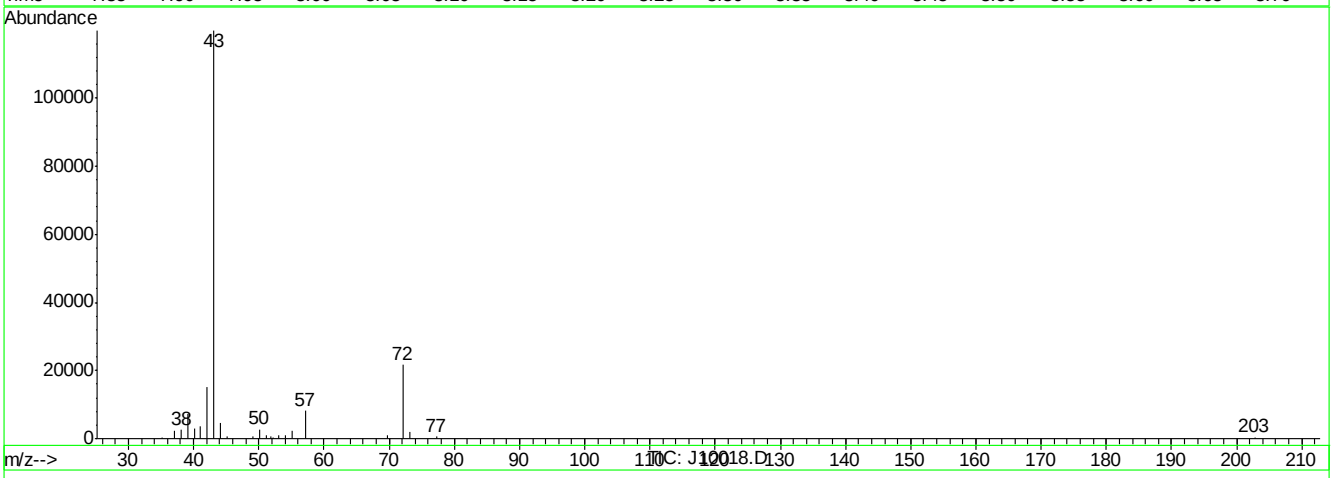
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10018.D Vial: 1
Acq On : 13 Apr 2007 9:41 am Operator: PhilipB
Sample : CC513-10 (M119) Inst : MSJ
Misc : MS13358, MSJ518,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 13 10:52:52 2007 Results File: J040507T.RES

Method : C:\MSDCHEM\1\METHODS\J040507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 17:22:46 2007
Response via : Multiple Level Calibration





(28) METHYL ETHYL KETONE (m)

8.04min 7.11PPBV m

response 273047

Ion	Exp%	Act%
43.00	100	100
57.00	7.80	6.76
72.00	25.60	18.09
0.00	0.00	0.00

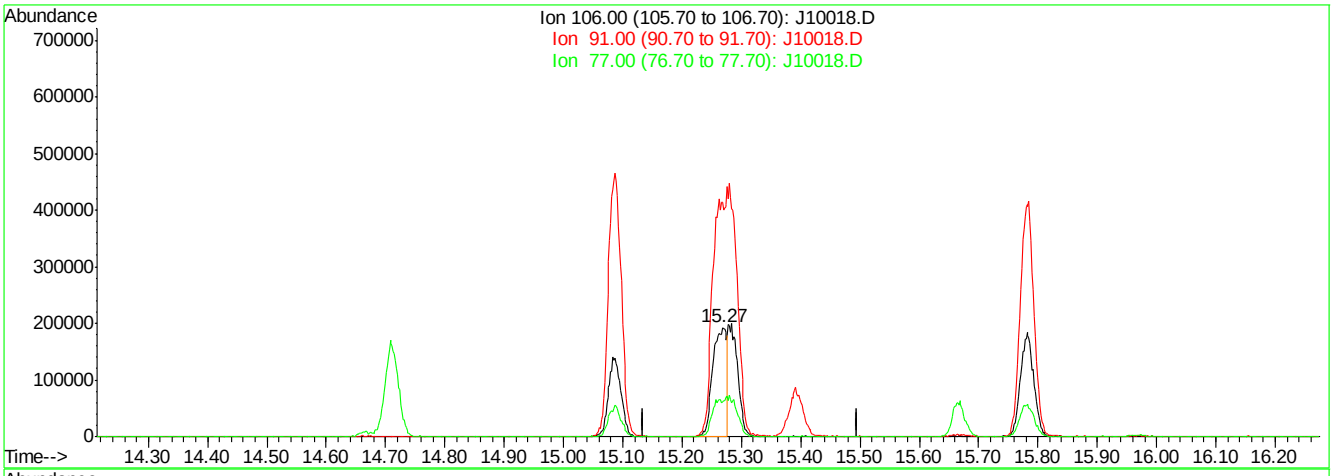
J10018.D J040507T.M Fri Apr 13 10:53:19 2007

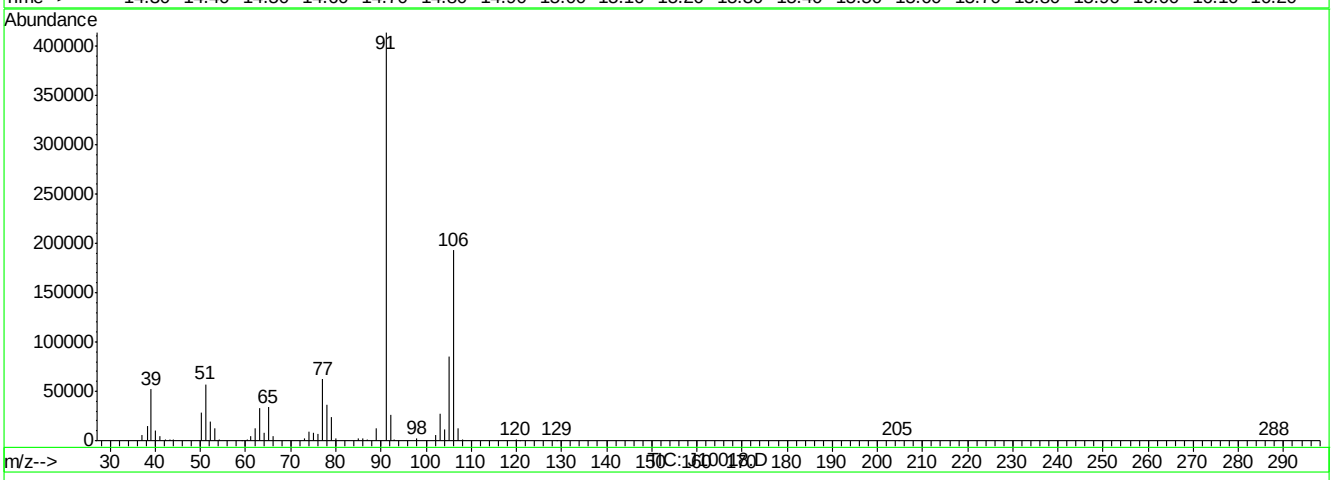
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10018.D Vial: 1
Acq On : 13 Apr 2007 9:41 am Operator: PhilipB
Sample : CC513-10 (M119) Inst : MSJ
Misc : MS13358, MSJ518,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 13 10:52:52 2007 Results File: J040507T.RES

Method : C:\MSDCHEM\1\METHODS\J040507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 17:22:46 2007
Response via : Multiple Level Calibration





(56) m,p-XYLENE (m)

15.27min 12.81PPBV

response 316859

Ion	Exp%	Act%
106.00	100	100
91.00	191.80	214.55
77.00	27.10	32.23
0.00	0.00	0.00

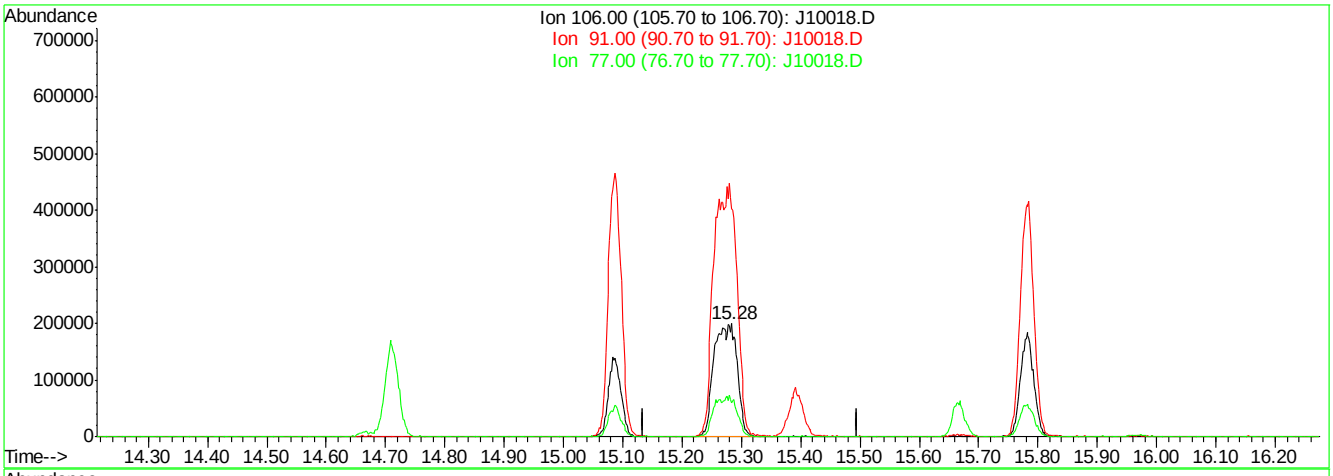
J10018.D J040507T.M Fri Apr 13 10:53:25 2007

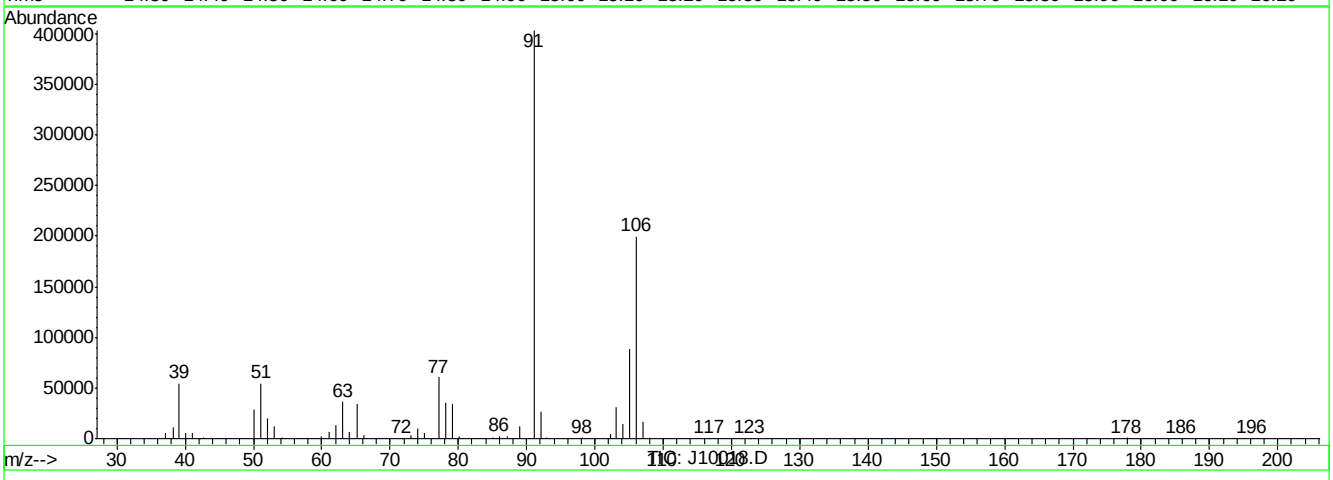
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10018.D Vial: 1
Acq On : 13 Apr 2007 9:41 am Operator: PhilipB
Sample : CC513-10 (M119) Inst : MSJ
Misc : MS13358, MSJ518,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 13 10:52:52 2007 Results File: J040507T.RES

Method : C:\MSDCHEM\1\METHODS\J040507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 05 17:22:46 2007
Response via : Multiple Level Calibration





(56) m,p-XYLENE (m)

15.28min 19.92PPBV m

response 533233

Ion	Exp%	Act%
106.00	100	100
91.00	191.80	201.92
77.00	27.10	30.28
0.00	0.00	0.00

J10018.D J040507T.M Fri Apr 13 10:53:28 2007

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
05/11/07 16:37

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10277.D
Acq On : 9 May 2007 6:39 pm
Operator : danat
Sample : IC533-0.2 (M058)
Misc : MS13434, MSJ533,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 10 08:40:19 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 08:35:02 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	344690	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.43	114	1460896	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1214337	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.29	95	295885	4.04	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 80.80%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	26123	0.22	PPBV #	52
3) PROPYLENE	4.00	41	1240m	0.09	PPBV	
4) FREON 114	4.32	85	22207	0.22	PPBV	98
5) CHLOROMETHANE	4.22	50	4633m	0.21	PPBV	
6) VINYL CHLORIDE	4.46	62	5596	0.20	PPBV #	66
7) 1,3-BUTADIENE	4.59	39	2028	0.11	PPBV	91
8) BROMOMETHANE	4.85	94	6867	0.20	PPBV #	70
9) CHLOROETHANE	5.04	64	1417m	0.12	PPBV	
10) TRICHLOROFLUOROMETHANE	5.79	101	27025	0.22	PPBV	96
11) ISOPROPYL ALCOHOL	6.05	45	6895m	0.28	PPBV	
12) ACETONE	5.68	43	14047	0.43	PPBV	97
13) PENTANE	6.14	42	3329	0.16	PPBV #	60
14) 1,1-DICHLOROETHYLENE	6.42	96	5906m	0.19	PPBV	
15) CARBON DISULFIDE	6.85	76	20235	0.22	PPBV #	77
17) BROMOETHENE	5.38	106	5175	0.16	PPBV #	94
19) 3-CHLOROPROPENE	6.66	39	3960	0.20	PPBV #	58
20) FREON 113	6.79	151	17449	0.24	PPBV	92
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	5737	0.19	PPBV	95
23) METHYL TERTIARY BUTYL ETHE	7.76	73	7657	0.13	PPBV	86
25) HEXANE	8.63	57	8678	0.27	PPBV	96
27) 1,1-DICHLOROETHANE	7.66	63	9424	0.19	PPBV	97
28) METHYL ETHYL KETONE	8.11	43	5063	0.16	PPBV #	54
29) cis-1,2-DICHLOROETHYLENE	8.46	96	4723	0.17	PPBV	94
30) ETHYL ACETATE	8.72	43	5570m	0.16	PPBV	
31) CHLOROFORM	8.75	83	14593	0.20	PPBV	95
32) 1,1,1-TRICHLOROETHANE	9.68	97	16547	0.20	PPBV	100
33) CARBON TETRACHLORIDE	10.25	117	22639	0.21	PPBV	99
34) 1,2-DICHLOROETHANE	9.45	62	7449	0.19	PPBV #	67
36) BENZENE	10.12	78	10499	0.16	PPBV	77
37) CYCLOHEXANE	10.37	84	3863	0.13	PPBV	92
38) TRICHLOROETHYLENE	11.12	95	5440	0.15	PPBV	96
39) 1,2-DICHLOROPROPANE	10.90	63	3567	0.17	PPBV	87
40) BROMODICHLOROMETHANE	11.08	83	13502	0.20	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	10934	0.11	PPBV	74
43) HEPTANE	11.36	43	2910	0.10	PPBV #	72
45) cis-1,3-DICHLOROPROPENE	11.94	75	3432	0.11	PPBV	90
46) TOLUENE	12.88	92	4977	0.11	PPBV #	74
47) trans-1,3-DICHLOROPROPENE	12.43	75	2652	0.09	PPBV #	66
48) 1,1,2-TRICHLOROETHANE	12.62	83	4402	0.18	PPBV	97
51) TETRACHLOROETHYLENE	14.01	164	7177	0.17	PPBV	96
52) DIBROMOCHLOROMETHANE	13.32	129	12097	0.18	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10277.D
Acq On : 9 May 2007 6:39 pm
Operator : danat
Sample : IC533-0.2 (M058)
Misc : MS13434, MSJ533,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 10 08:40:19 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 08:35:02 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 1,2-DIBROMOETHANE	13.57	107	6198	0.15	PPBV	90
54) CHLOROBENZENE	14.71	112	10764	0.16	PPBV	82
55) ETHYLBENZENE	15.09	91	8563	0.10	PPBV	92
56) m,p-XYLENE	15.29	106	6881m	0.18	PPBV	
57) o-XYLENE	15.78	106	3329	0.09	PPBV	91
60) BROMOFORM	15.39	173	12175	0.18	PPBV	92
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	8853	0.15	PPBV	96

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

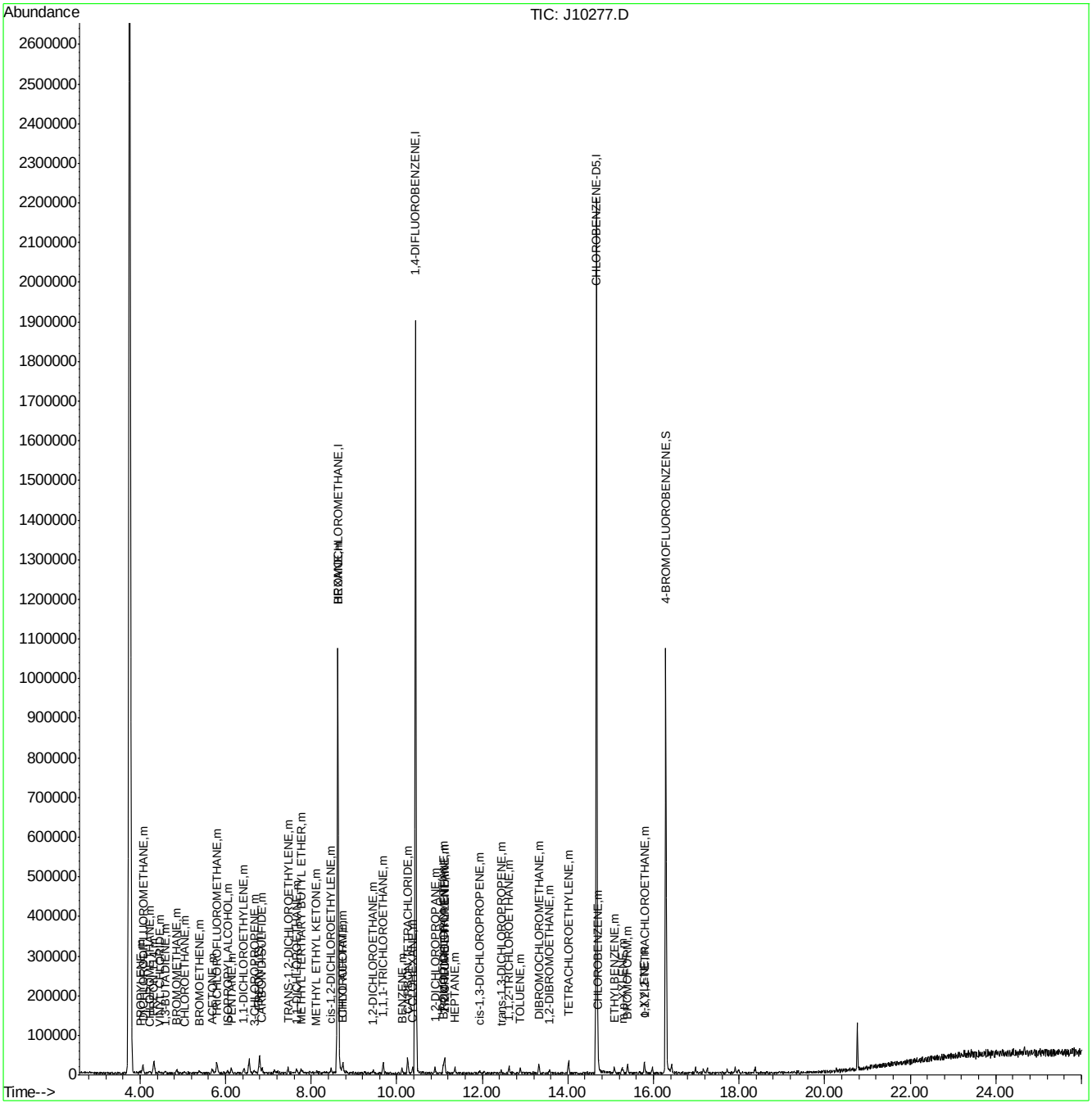
6.7.10

6

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10277.D
Acq On : 9 May 2007 6:39 pm
Operator : danat
Sample : IC533-0.2 (M058)
Misc : MS13434, MSJ533,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 10 08:40:19 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 08:35:02 2007
Response via : Initial Calibration

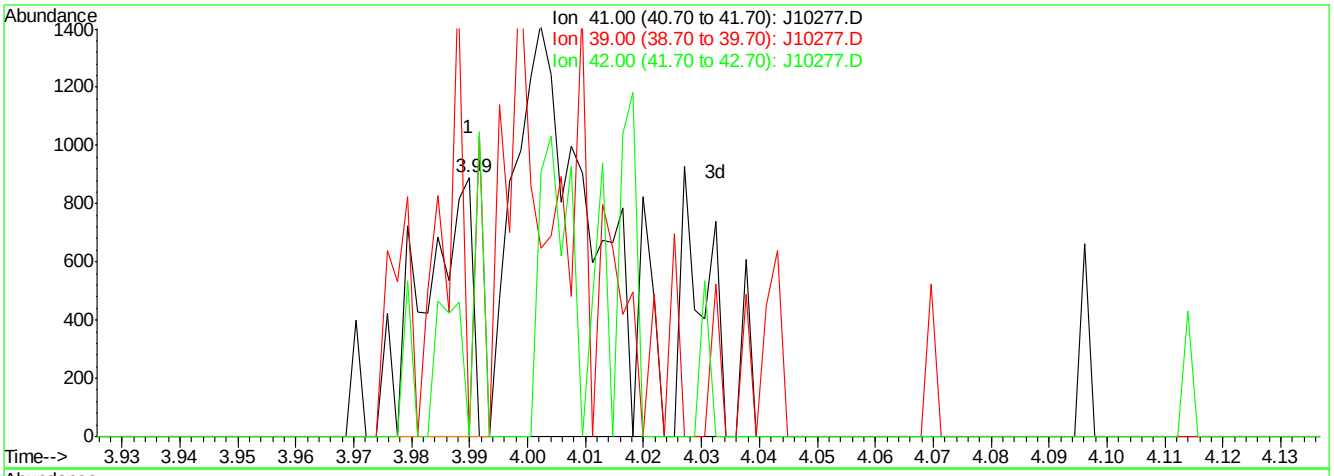


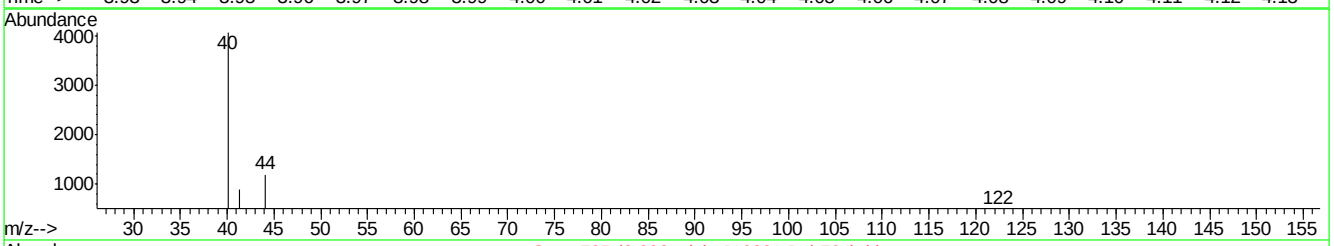
Quantitation Report (Qedit)

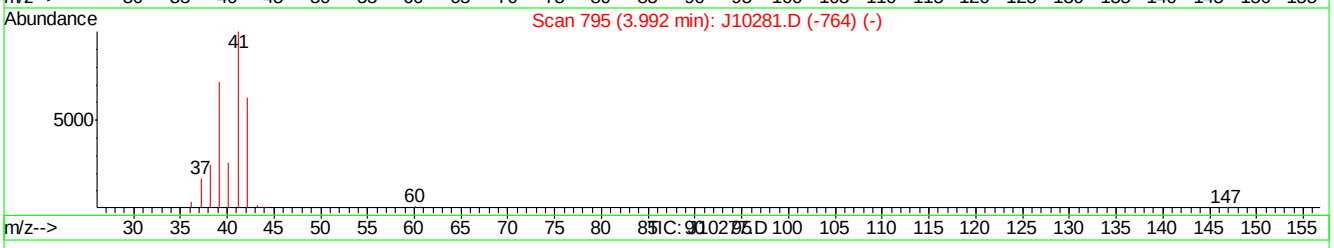
Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration







(3) PROPYLENE (m)

3.99min 0.04PPBV

response 567

Ion	Exp%	Act%
41.00	100	100
39.00	71.40	0.00#
42.00	62.70	0.00#
0.00	0.00	0.00

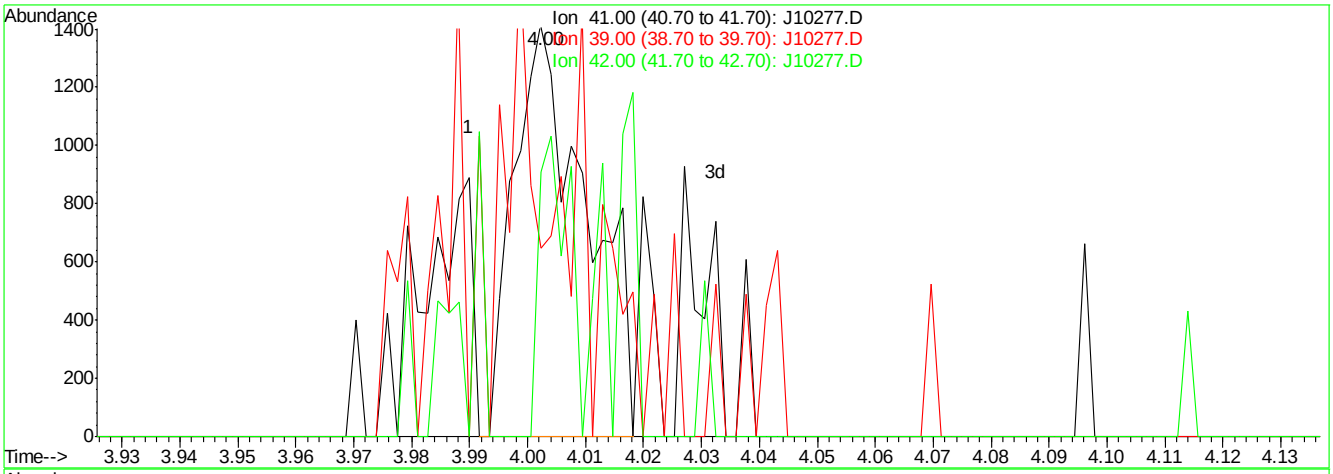
J10277.D J050907T.M Thu May 10 08:35:35 2007

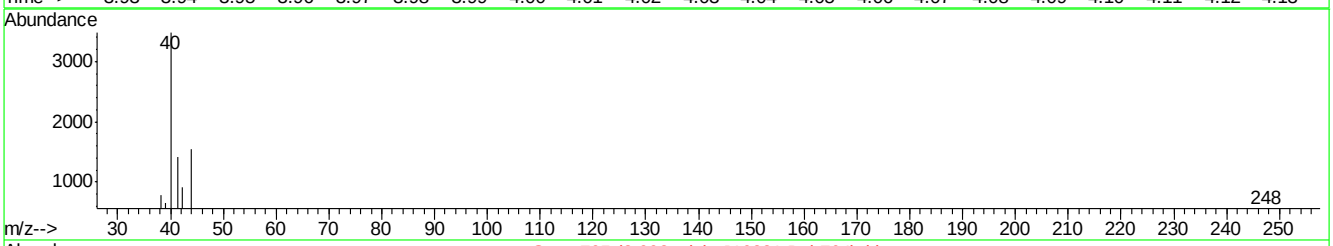
Quantitation Report (Qedit)

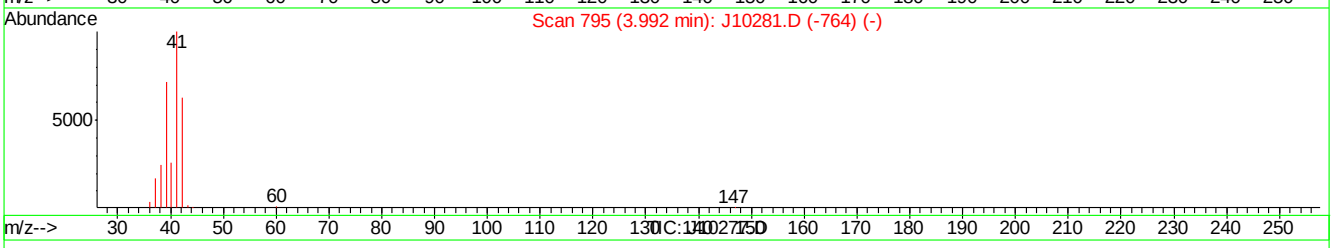
Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration







(3) PROPYLENE (m)

4.00min 0.09PPBV m

response 1240

Ion	Exp%	Act%
41.00	100	100
39.00	71.40	45.77#
42.00	62.70	64.25
0.00	0.00	0.00

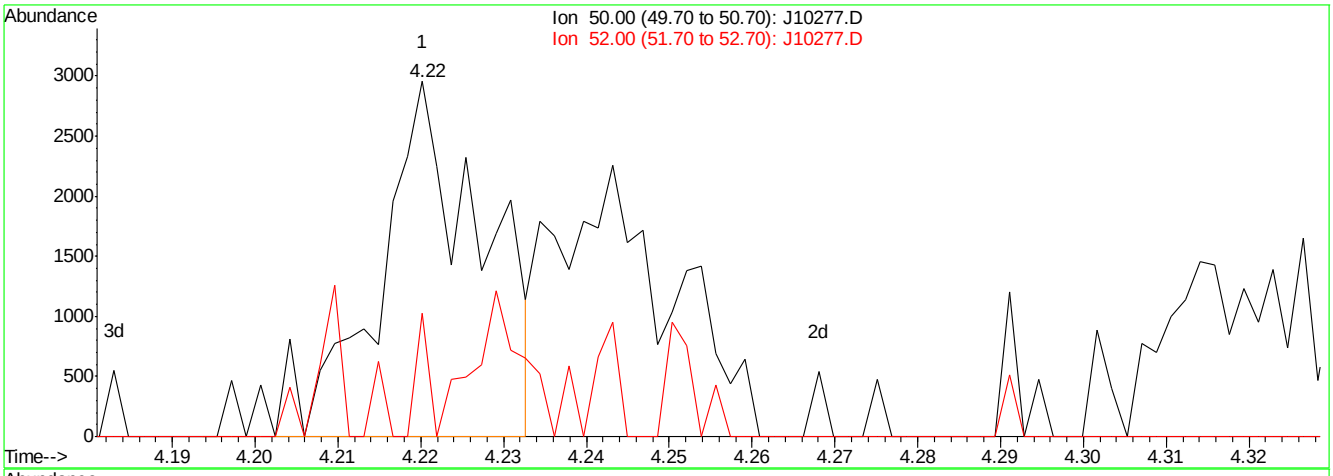
J10277.D J050907T.M Thu May 10 08:35:44 2007

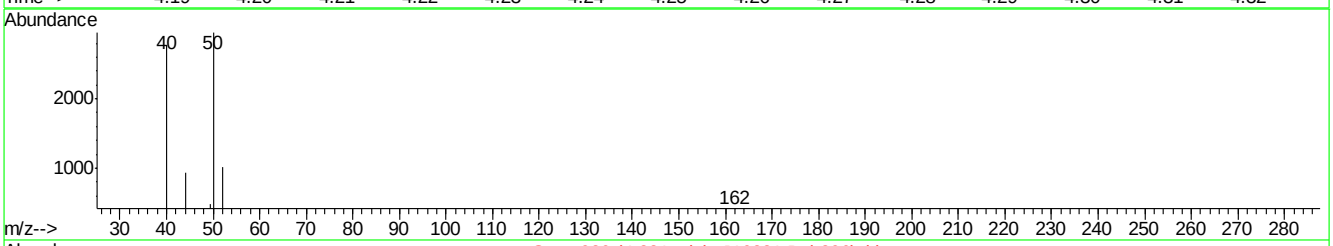
Quantitation Report (Qedit)

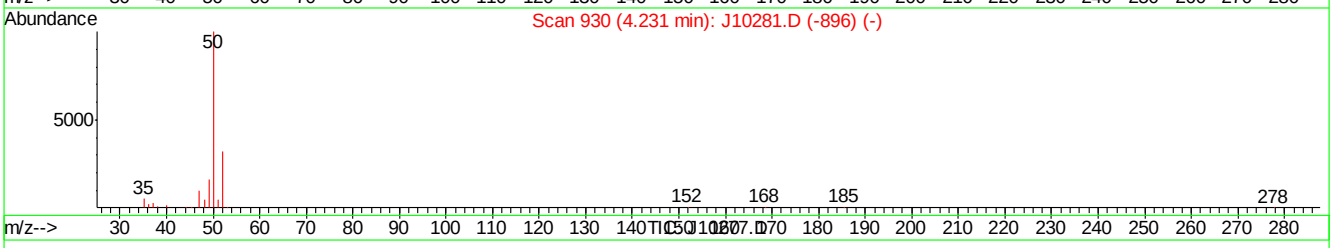
Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration







(5) CHLOROMETHANE (m)

4.22min 0.12PPBV

response 2652

Ion	Exp%	Act%
50.00	100	100
52.00	32.60	29.05
0.00	0.00	0.00
0.00	0.00	0.00

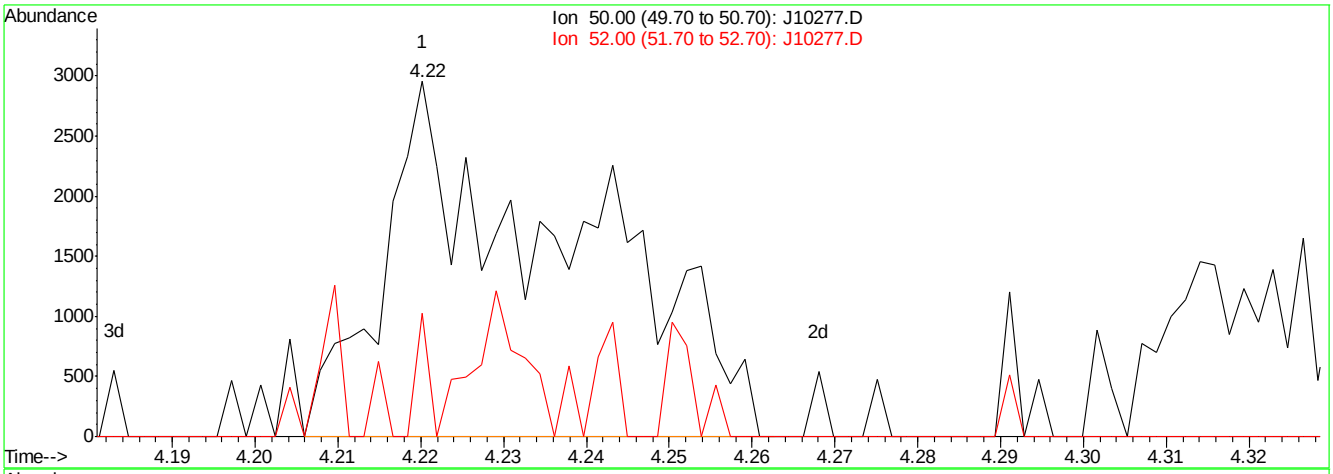
J10277.D J050907T.M Thu May 10 08:35:58 2007

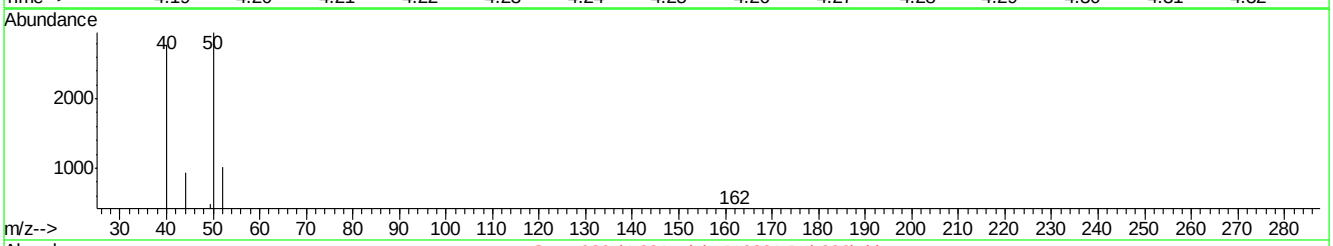
Quantitation Report (Qedit)

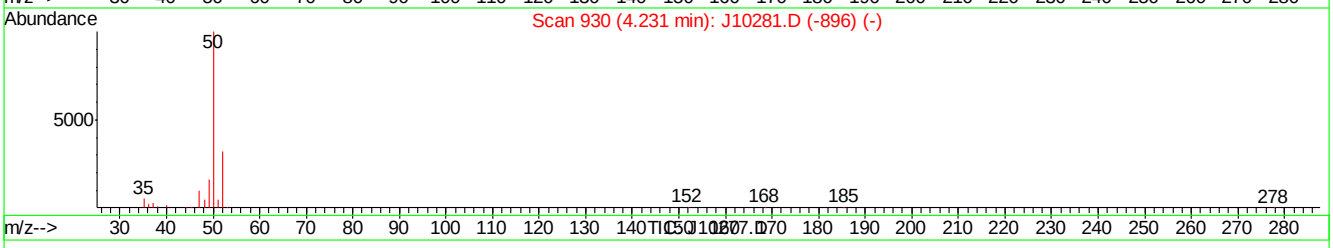
Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration







(5) CHLOROMETHANE (m)

4.22min 0.21PPBV m

response 4633

Ion	Exp%	Act%
50.00	100	100
52.00	32.60	34.59
0.00	0.00	0.00
0.00	0.00	0.00

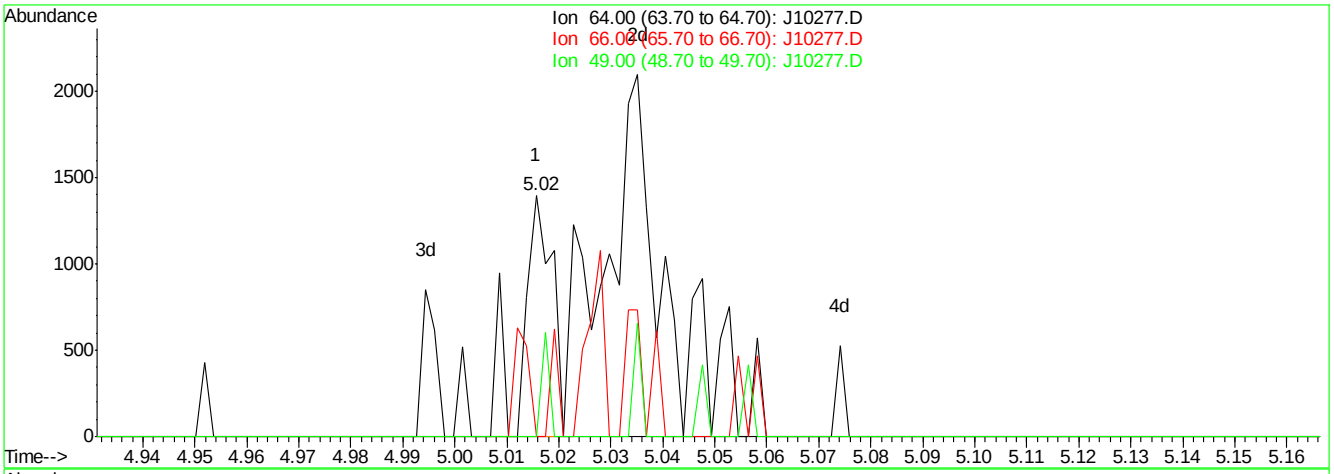
J10277.D J050907T.M Thu May 10 08:36:03 2007

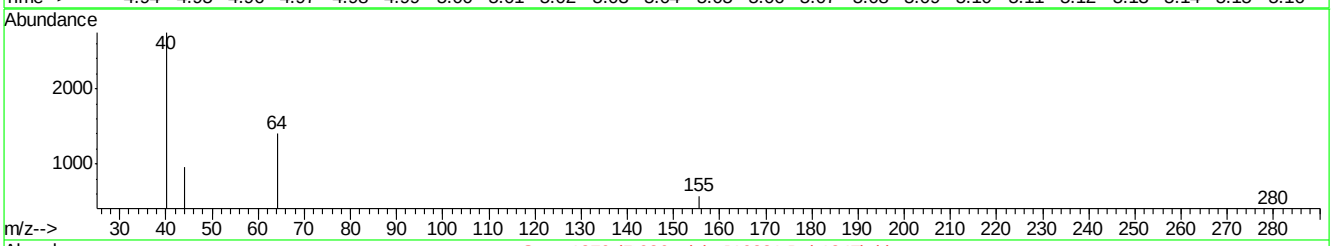
Quantitation Report (Qedit)

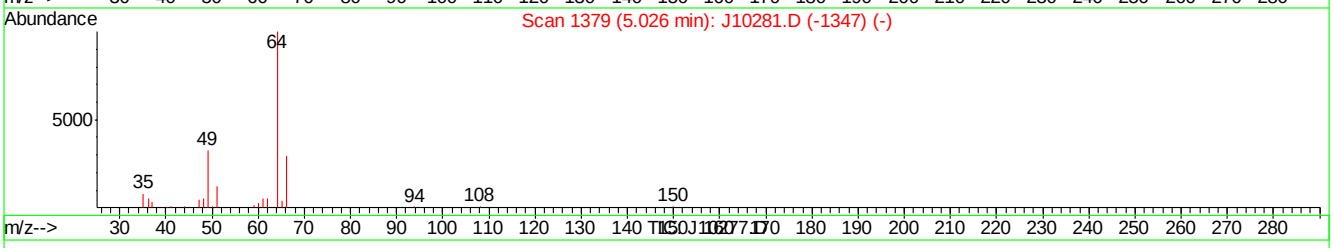
Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration







(9) CHLOROETHANE (m)

5.02min 0.05PPBV

response 557

Ion	Exp%	Act%
64.00	100	100
66.00	33.10	22.08
49.00	30.20	11.49
0.00	0.00	0.00

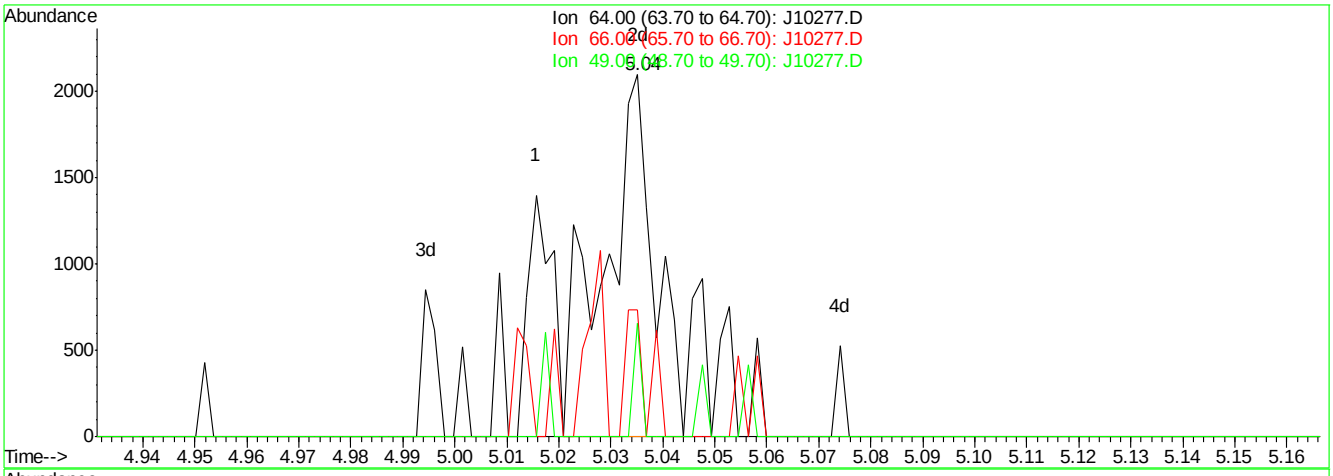
J10277.D J050907T.M Thu May 10 08:36:16 2007

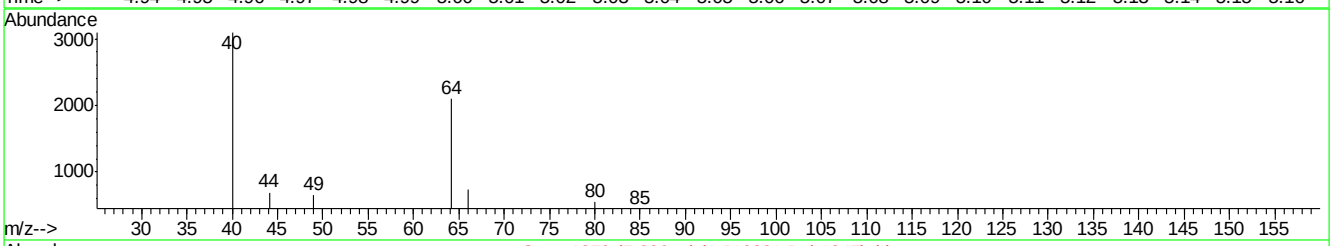
Quantitation Report (Qedit)

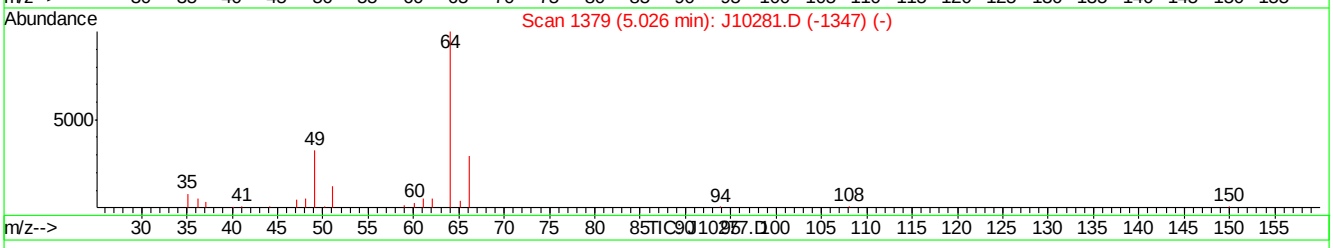
Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration







(9) CHLOROETHANE (m)

5.04min 0.12PPBV m

response 1417

Ion	Exp%	Act%
64.00	100	100
66.00	33.10	8.68#
49.00	30.20	4.52#
0.00	0.00	0.00

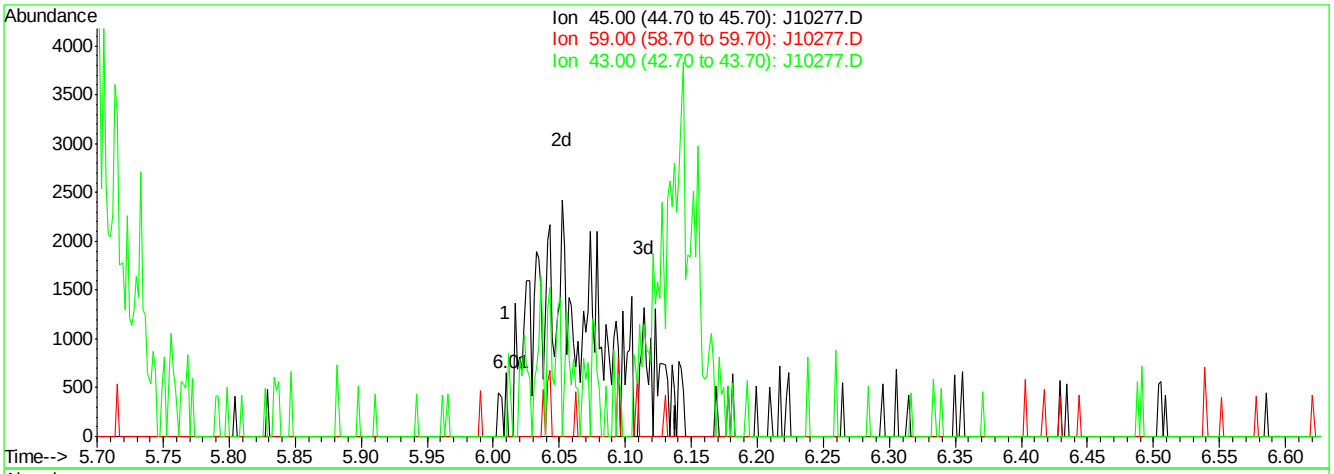
J10277.D J050907T.M Thu May 10 08:36:22 2007

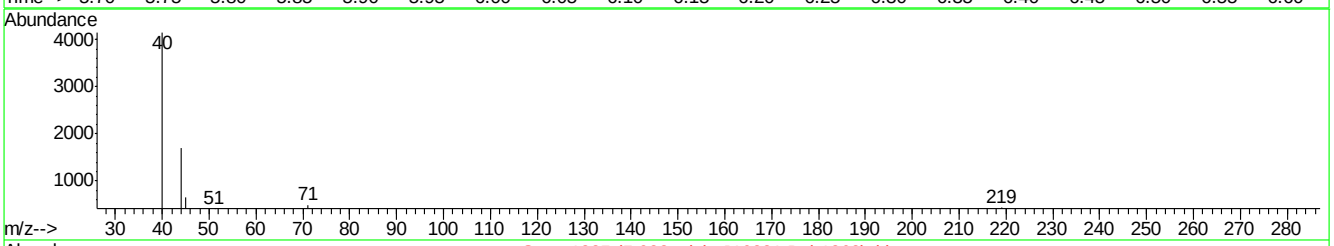
Quantitation Report (Qedit)

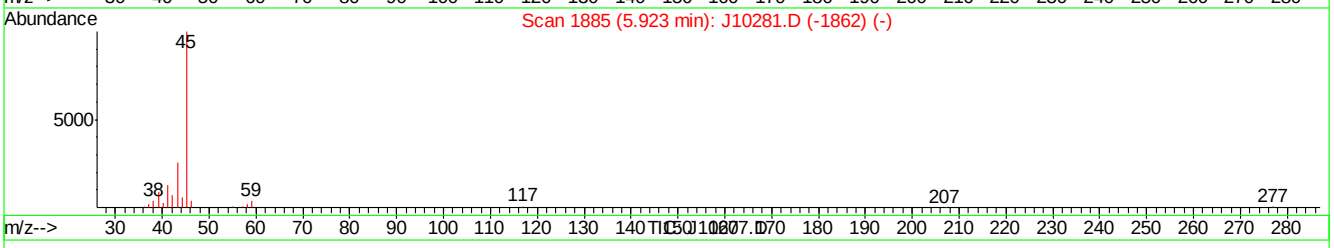
Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.01min 0.01PPBV

response 160

Ion	Exp%	Act%
45.00	100	100
59.00	3.80	0.00
43.00	25.40	0.00#
0.00	0.00	0.00

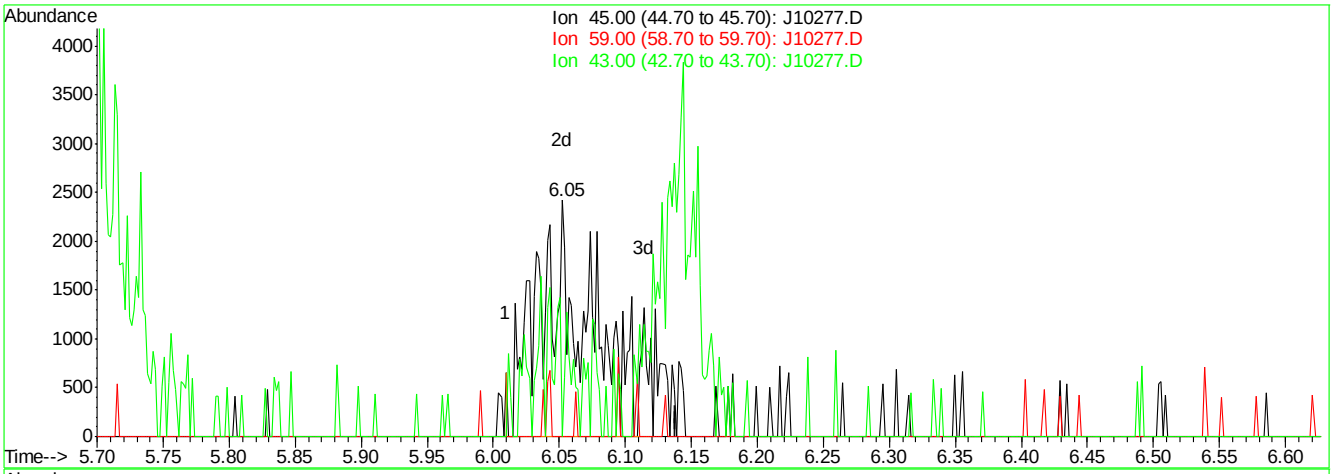
J10277.D J050907T.M Thu May 10 08:36:30 2007

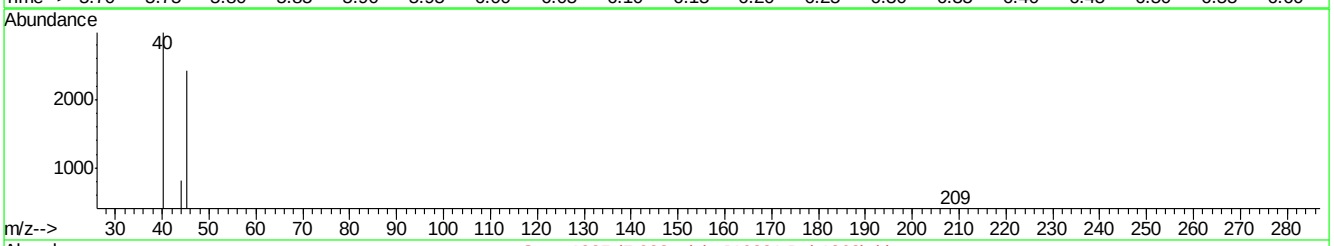
Quantitation Report (Qedit)

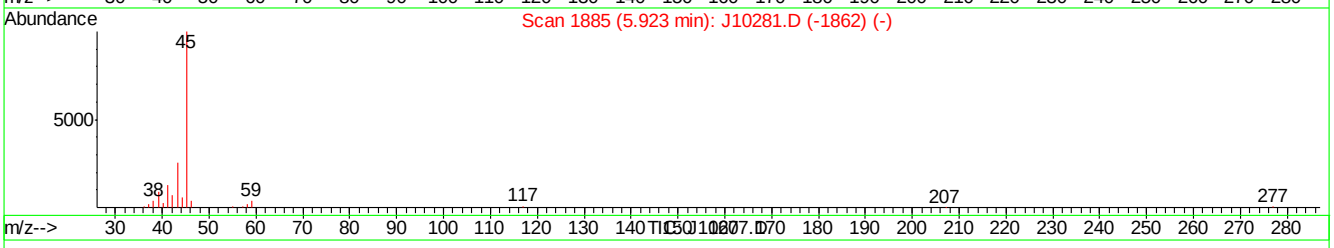
Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.05min 0.28PPBV m

response 6895

Ion	Exp%	Act%
45.00	100	100
59.00	3.80	0.00
43.00	25.40	0.00#
0.00	0.00	0.00

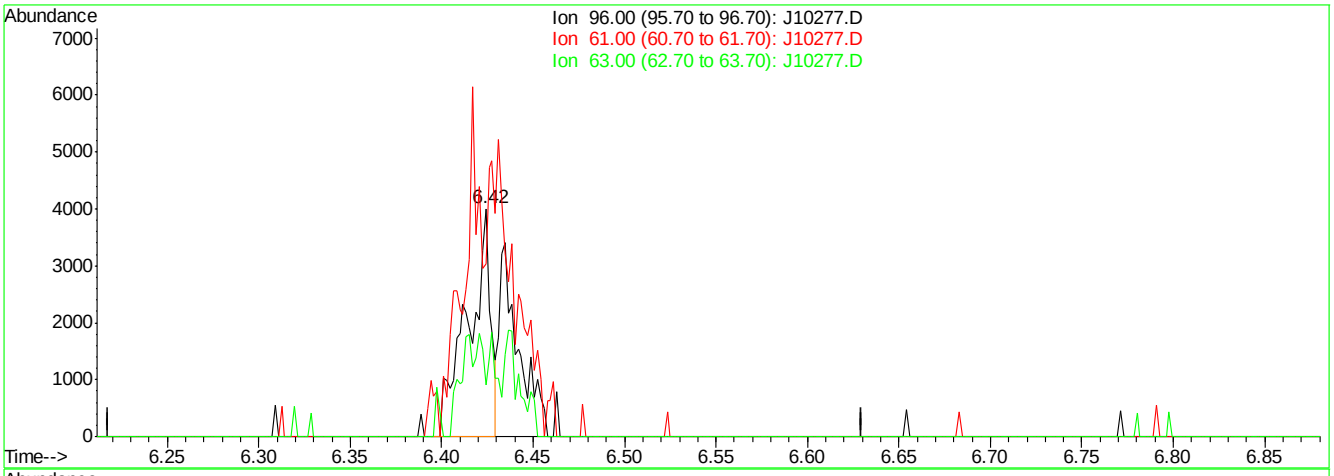
J10277.D J050907T.M Thu May 10 08:36:36 2007

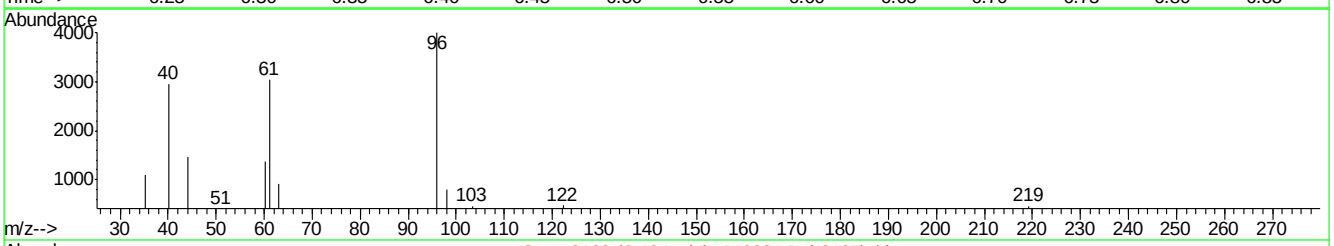
Quantitation Report (Qedit)

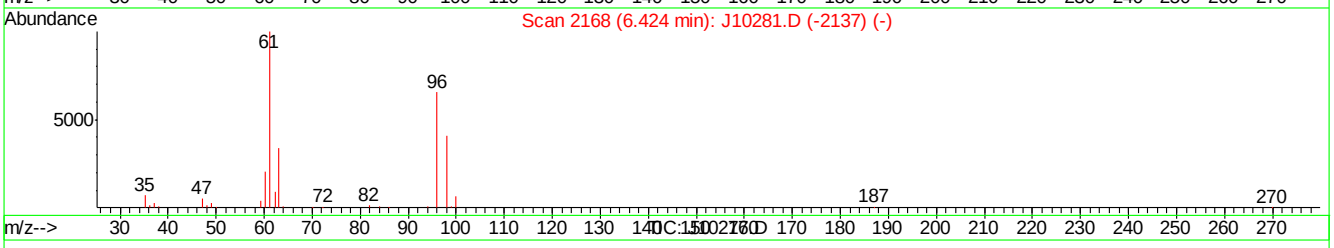
Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration







(14) 1,1-DICHLOROETHYLENE (m)

6.42min 0.11PPBV

response 3441

Ion	Exp%	Act%
96.00	100	100
61.00	157.70	284.42#
63.00	52.40	62.05
0.00	0.00	0.00

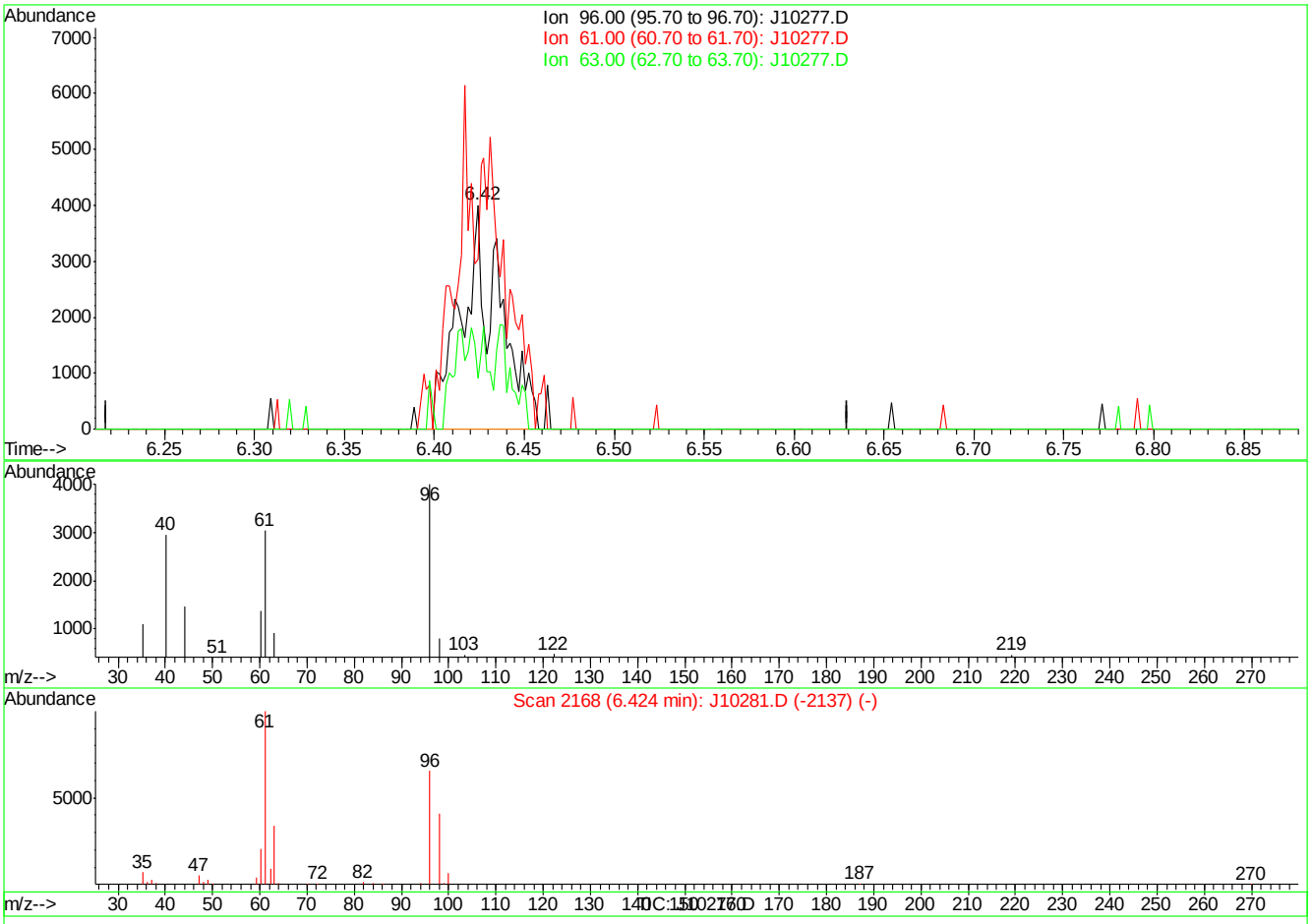
J10277.D J050907T.M Thu May 10 08:36:49 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration



(14) 1,1-DICHLOROETHYLENE (m)

6.42min 0.19PPBV m

response 5906

Ion	Exp%	Act%
96.00	100	100
61.00	157.70	165.71
63.00	52.40	36.15
0.00	0.00	0.00

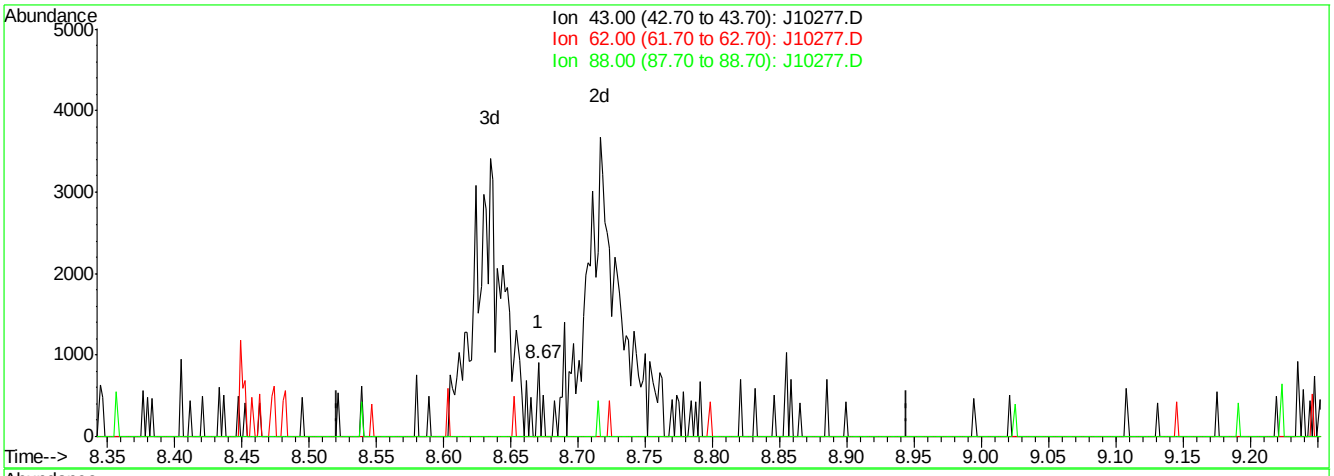
J10277.D J050907T.M Thu May 10 08:36:54 2007

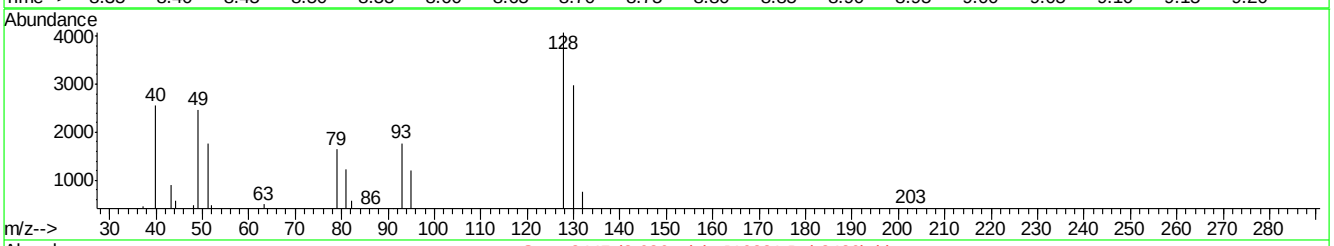
Quantitation Report (Qedit)

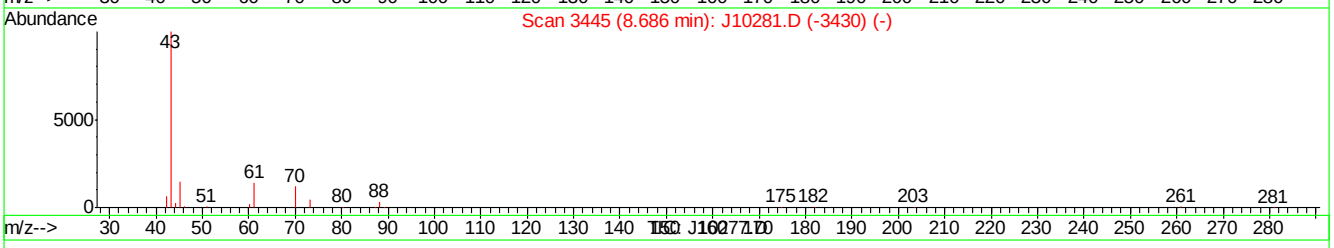
Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration







(30) ETHYL ACETATE (m)

8.67min 0.00PPBV

response 151

Ion	Exp%	Act%
43.00	100	100
62.00	0.30	34.44#
88.00	4.70	0.00
0.00	0.00	0.00

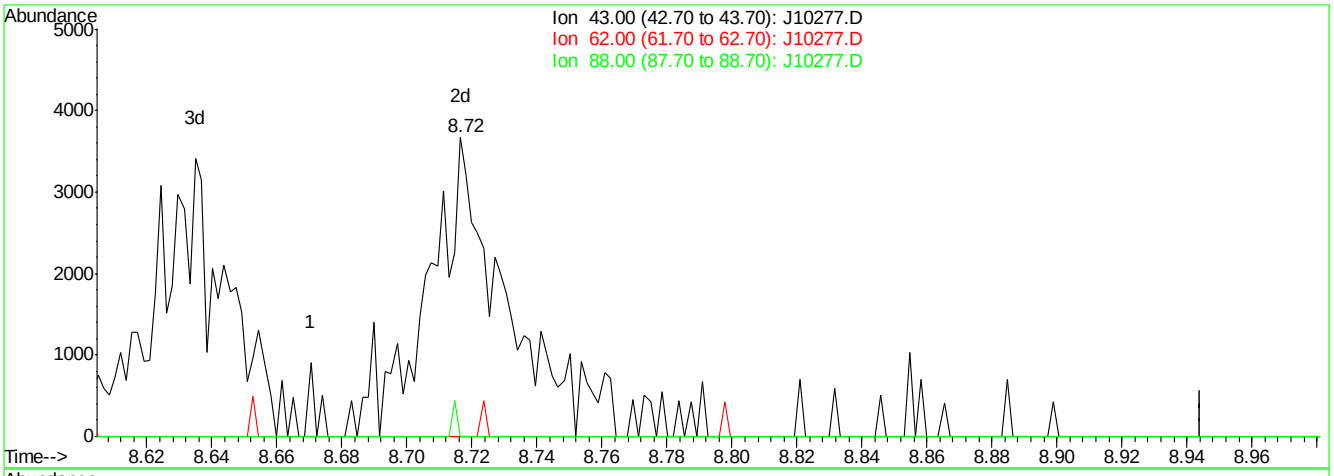
J10277.D J050907T.M Thu May 10 08:37:49 2007

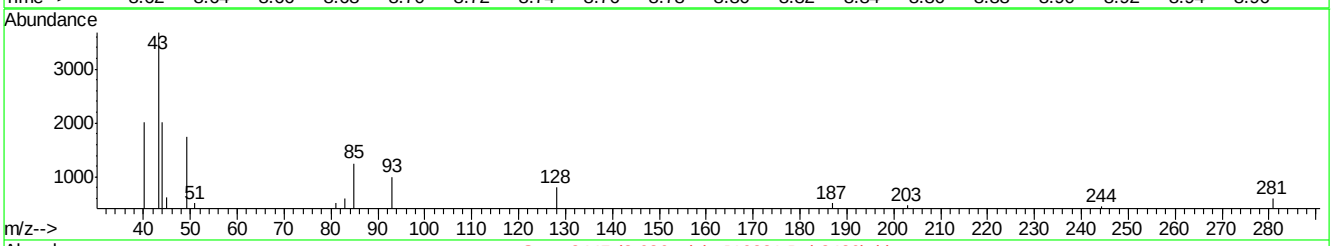
Quantitation Report (Qedit)

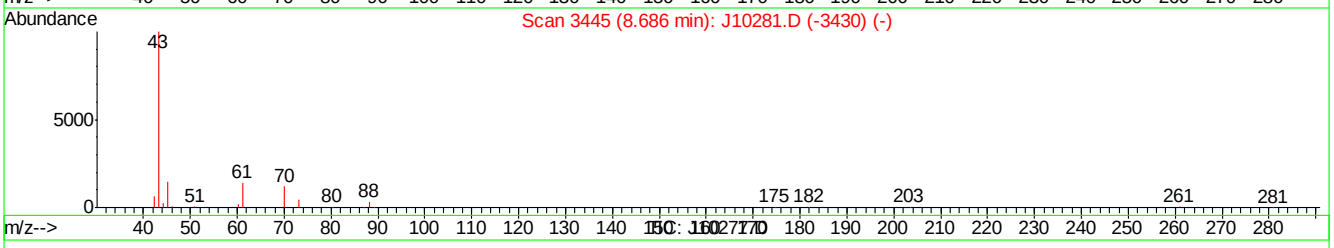
Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration







(30) ETHYL ACETATE (m)

8.72min 0.16PPBV m

response 5570

Ion	Exp%	Act%
43.00	100	100
62.00	0.30	0.93
88.00	4.70	0.00
0.00	0.00	0.00

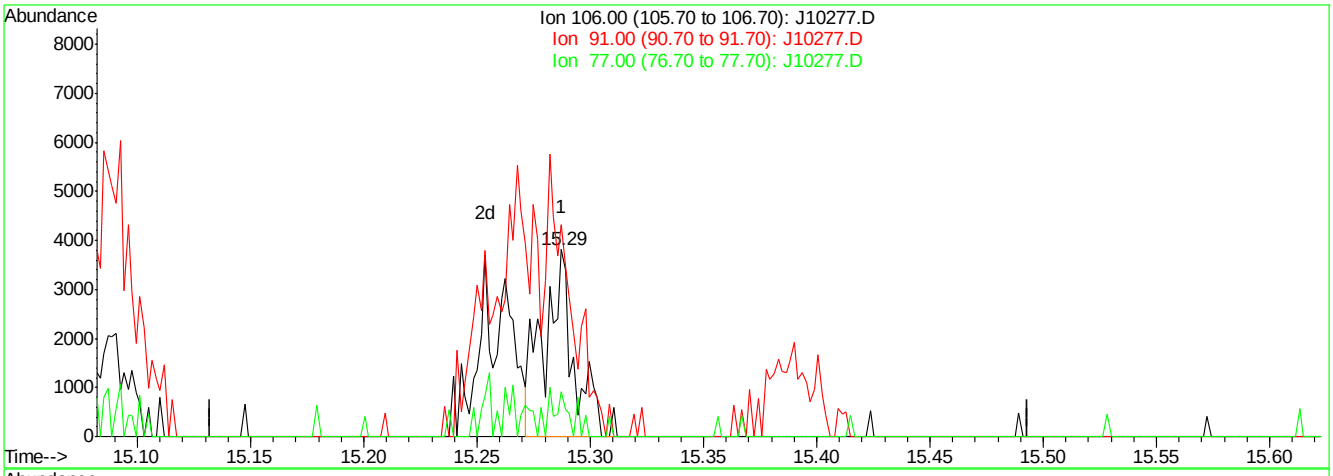
J10277.D J050907T.M Thu May 10 08:38:02 2007

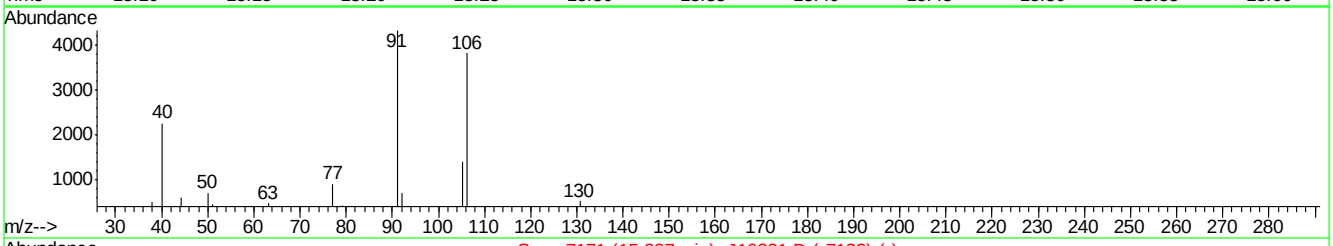
Quantitation Report (Qedit)

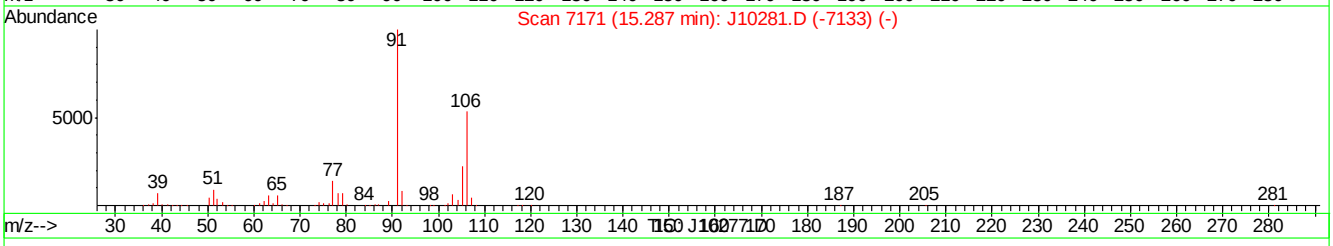
Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration







(56) m,p-XYLENE (m)

15.29min 0.10PPBV

response 3552

Ion	Exp%	Act%
106.00	100	100
91.00	187.40	113.31#
77.00	26.20	23.79
0.00	0.00	0.00

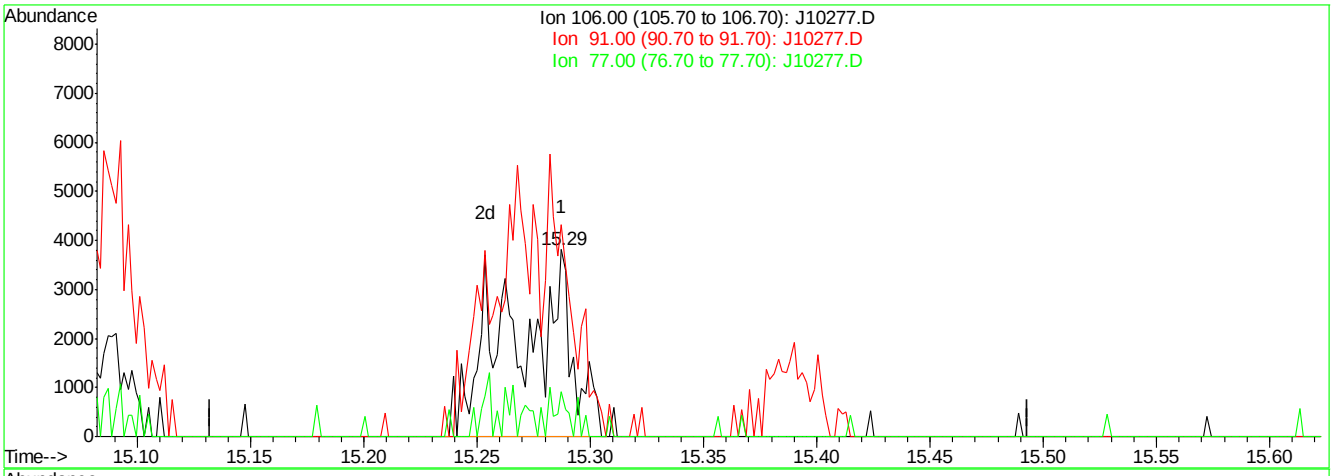
J10277.D J050907T.M Thu May 10 08:39:14 2007

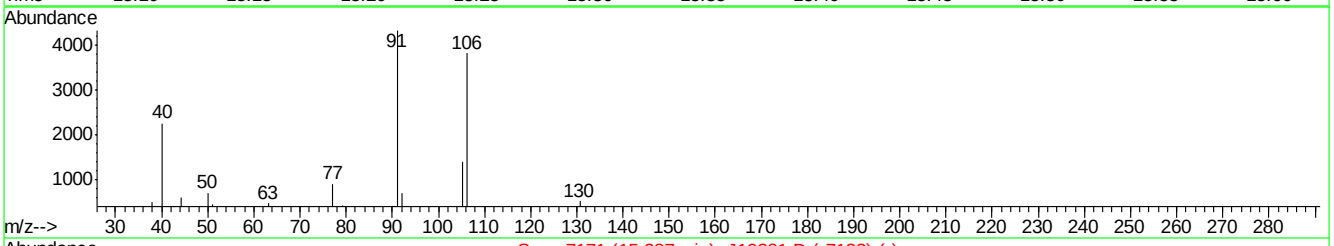
Quantitation Report (Qedit)

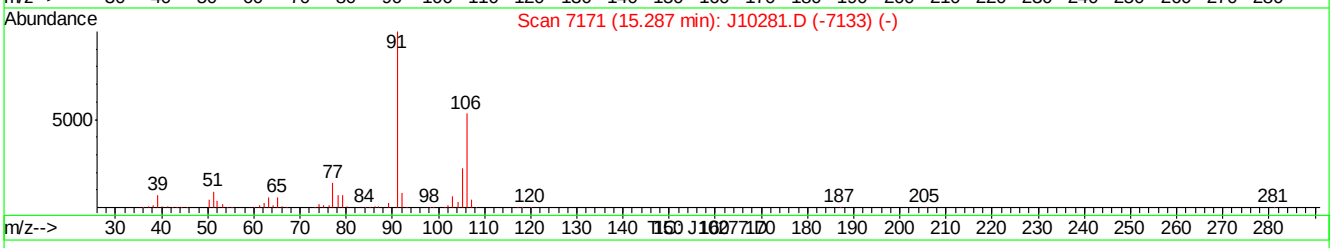
Data File : C:\MSDChem\1\data\J10277.D Vial: 2
Acq On : 9 May 2007 6:39 pm Operator: danat
Sample : IC533-0.2 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:35:17 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:35:02 2007
Response via : Multiple Level Calibration







(56) m,p-XYLENE (m)

15.29min 0.18PPBV m

response 6881

Ion	Exp%	Act%
106.00	100	100
91.00	187.40	113.31#
77.00	26.20	23.79
0.00	0.00	0.00

J10277.D J050907T.M Thu May 10 08:39:20 2007

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
05/11/07 16:35

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10278.D
Acq On : 9 May 2007 7:29 pm
Operator : danat
Sample : IC533-0.5 (M058)
Misc : MS13434, MSJ533,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 10 08:34:15 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 08:30:48 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	303253	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1271837	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1022579	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.29	95	248904	3.88	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 77.60%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	59841	0.59	PPBV	99
3) PROPYLENE	3.99	41	3304	0.25	PPBV #	64
4) FREON 114	4.32	85	49964	0.58	PPBV	100
5) CHLOROMETHANE	4.22	50	10199	0.52	PPBV	72
6) VINYL CHLORIDE	4.44	62	14859	0.62	PPBV	92
7) 1,3-BUTADIENE	4.59	39	7393	0.46	PPBV #	58
8) BROMOMETHANE	4.86	94	16476	0.56	PPBV #	14
9) CHLOROETHANE	5.03	64	5817	0.55	PPBV #	64
10) TRICHLOROFLUOROMETHANE	5.80	101	64408	0.63	PPBV	94
11) ISOPROPYL ALCOHOL	5.98	45	8617	0.38	PPBV	71
12) ACETONE	5.67	43	20402	0.79	PPBV	90
13) PENTANE	6.14	42	10013	0.54	PPBV	96
14) 1,1-DICHLOROETHYLENE	6.42	96	12550	0.45	PPBV #	82
15) CARBON DISULFIDE	6.84	76	46974	0.60	PPBV	96
16) ETHANOL	5.23	45	1054	0.27	PPBV	88
17) BROMOETHENE	5.38	106	12685	0.44	PPBV	99
18) METHYLENE CHLORIDE	6.55	84	101487	4.11	PPBV	96
19) 3-CHLOROPROPENE	6.65	39	10064	0.59	PPBV #	11
20) FREON 113	6.79	151	38798	0.62	PPBV	98
21) TRANS-1,2-DICHLOROETHYLENE	7.45	96	14508	0.56	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.60	59	9940	0.30	PPBV	76
23) METHYL TERTIARY BUTYL ETHE	7.74	73	25551	0.51	PPBV	80
24) TETRAHYDROFURAN	9.23	42	4448m	0.32	PPBV	
25) HEXANE	8.63	57	18242	0.70	PPBV	91
26) VINYL ACETATE	7.79	43	12990	0.43	PPBV	86
27) 1,1-DICHLOROETHANE	7.66	63	25680	0.62	PPBV	98
28) METHYL ETHYL KETONE	8.08	43	13917	0.50	PPBV	66
29) cis-1,2-DICHLOROETHYLENE	8.46	96	13138	0.53	PPBV	98
30) ETHYL ACETATE	8.70	43	16867	0.54	PPBV	95
31) CHLOROFORM	8.74	83	37104	0.61	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.68	97	41748	0.59	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	55167	0.60	PPBV	96
34) 1,2-DICHLOROETHANE	9.45	62	19616	0.57	PPBV	94
36) BENZENE	10.12	78	28276	0.51	PPBV	98
37) CYCLOHEXANE	10.37	84	10724	0.39	PPBV	95
38) TRICHLOROETHYLENE	11.11	95	16450	0.52	PPBV	96
39) 1,2-DICHLOROPROPANE	10.89	63	10804	0.60	PPBV #	85
40) BROMODICHLOROMETHANE	11.09	83	35777	0.64	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	33493	0.39	PPBV	89
42) 1,4-DIOXANE	11.24	88	808m	0.09	PPBV	
43) HEPTANE	11.36	43	9865	0.38	PPBV	94

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10278.D
Acq On : 9 May 2007 7:29 pm
Operator : danat
Sample : IC533-0.5 (M058)
Misc : MS13434, MSJ533,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 10 08:34:15 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 08:30:48 2007
Response via : Initial Calibration

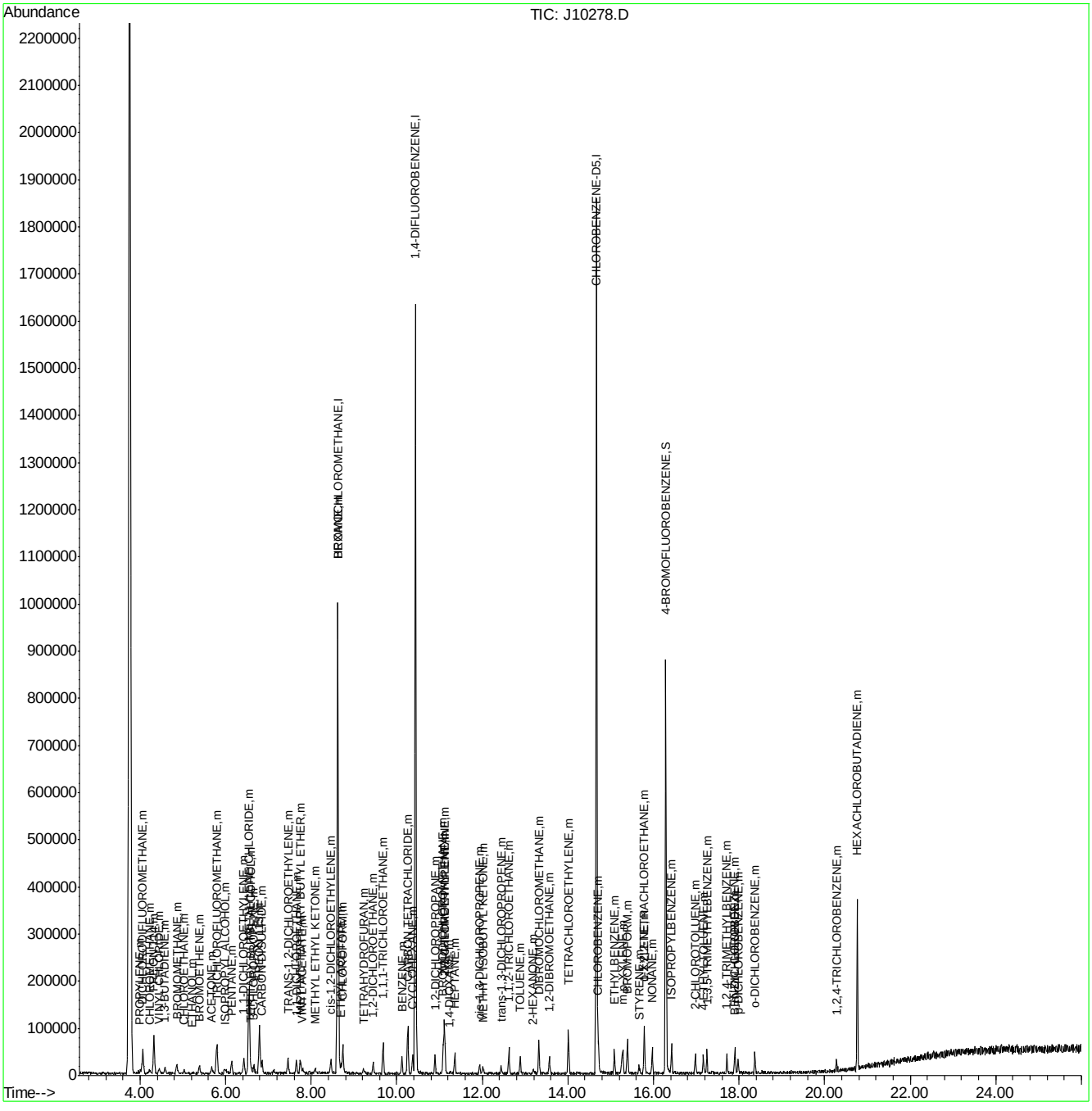
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	9402	0.31	PPBV		83
45) cis-1,3-DICHLOROPROPENE	11.94	75	10454	0.37	PPBV		94
46) TOLUENE	12.89	92	14159	0.36	PPBV		91
47) trans-1,3-DICHLOROPROPENE	12.44	75	7429	0.27	PPBV		94
48) 1,1,2-TRICHLOROETHANE	12.62	83	11654	0.57	PPBV		91
50) 2-HEXANONE	13.20	43	5962m	0.26	PPBV		
51) TETRACHLOROETHYLENE	14.01	164	21493	0.64	PPBV		96
52) DIBROMOCHLOROMETHANE	13.32	129	36088	0.68	PPBV		94
53) 1,2-DIBROMOETHANE	13.57	107	18069	0.51	PPBV		95
54) CHLOROBENZENE	14.71	112	30195	0.55	PPBV		98
55) ETHYLBENZENE	15.09	91	26982	0.34	PPBV		96
56) m,p-XYLENE	15.27	106	20949	0.63	PPBV	#	56
57) o-XYLENE	15.77	106	10835	0.32	PPBV		98
58) STYRENE	15.66	104	8882	0.21	PPBV		96
59) NONANE	15.97	43	10837	0.35	PPBV		93
60) BROMOFORM	15.39	173	33030	0.59	PPBV		95
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	30492	0.64	PPBV		98
63) ISOPROPYLBENZENE	16.43	105	32943	0.35	PPBV		98
64) 2-CHLOROTOLUENE	16.97	91	21360	0.34	PPBV		99
65) 4-ETHYLTOLUENE	17.17	105	20980	0.25	PPBV		98
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	23503	0.31	PPBV		97
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	17132	0.25	PPBV		97
68) m-DICHLOROBENZENE	17.90	146	18344	0.34	PPBV		95
69) BENZYL CHLORIDE	17.88	91	11159	0.27	PPBV		86
70) p-DICHLOROBENZENE	17.98	146	15394	0.31	PPBV		93
71) o-DICHLOROBENZENE	18.37	146	19372	0.42	PPBV		97
72) HEXACHLOROBUTADIENE	20.77	225	57566	1.98	PPBV		97
73) 1,2,4-TRICHLOROBENZENE	20.28	180	7369	0.50	PPBV		98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10278.D
Acq On : 9 May 2007 7:29 pm
Operator : danat
Sample : IC533-0.5 (M058)
Misc : MS13434, MSJ533,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 10 08:34:15 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 08:30:48 2007
Response via : Initial Calibration

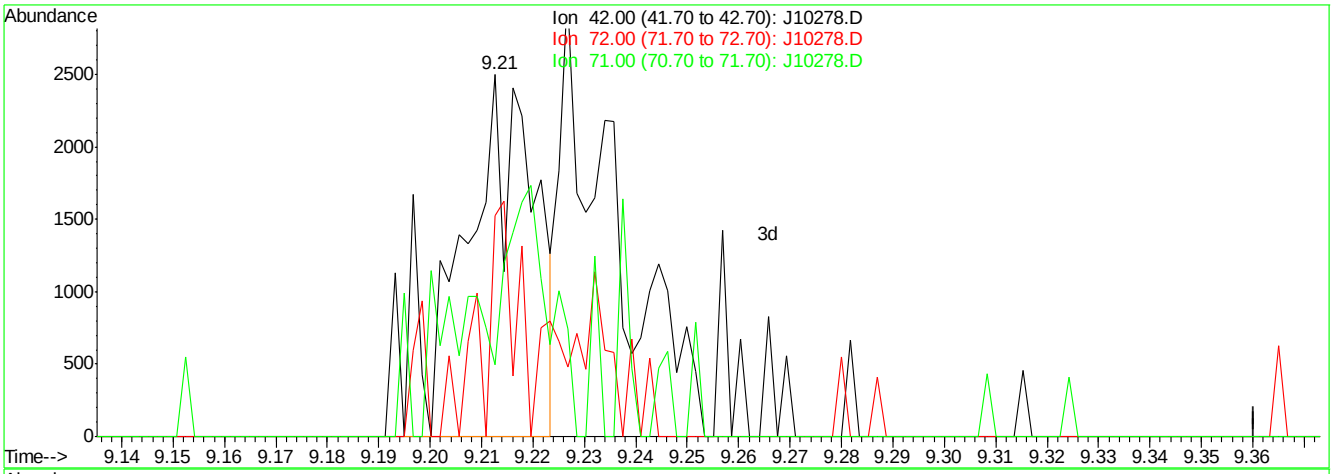


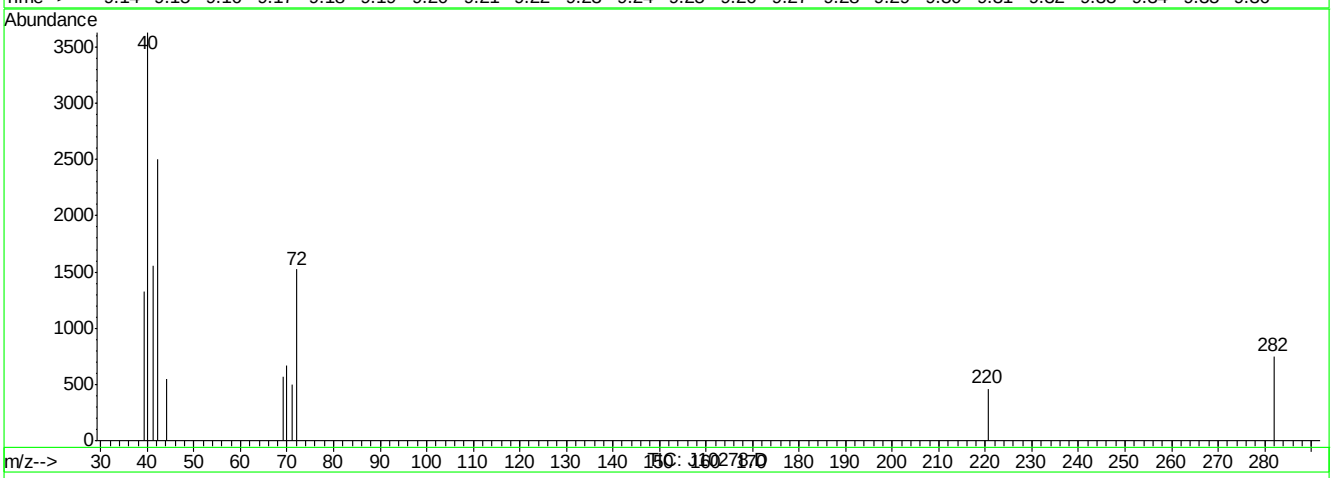
Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10278.D Vial: 2
Acq On : 9 May 2007 7:29 pm Operator: danat
Sample : IC533-0.5 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:31:42 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:30:48 2007
Response via : Multiple Level Calibration





(24) TETRAHYDROFURAN (m)

9.21min 0.18PPBV

response 2563

Ion	Exp%	Act%
42.00	100	100
72.00	51.30	27.08#
71.00	52.50	65.90
0.00	0.00	0.00

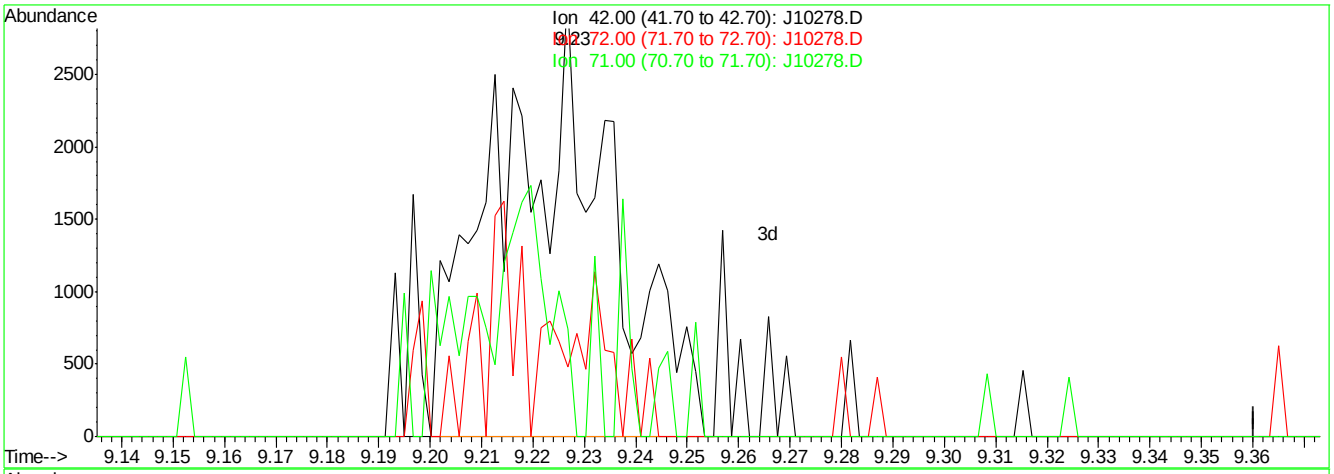
J10278.D J050907T.M Thu May 10 08:32:39 2007

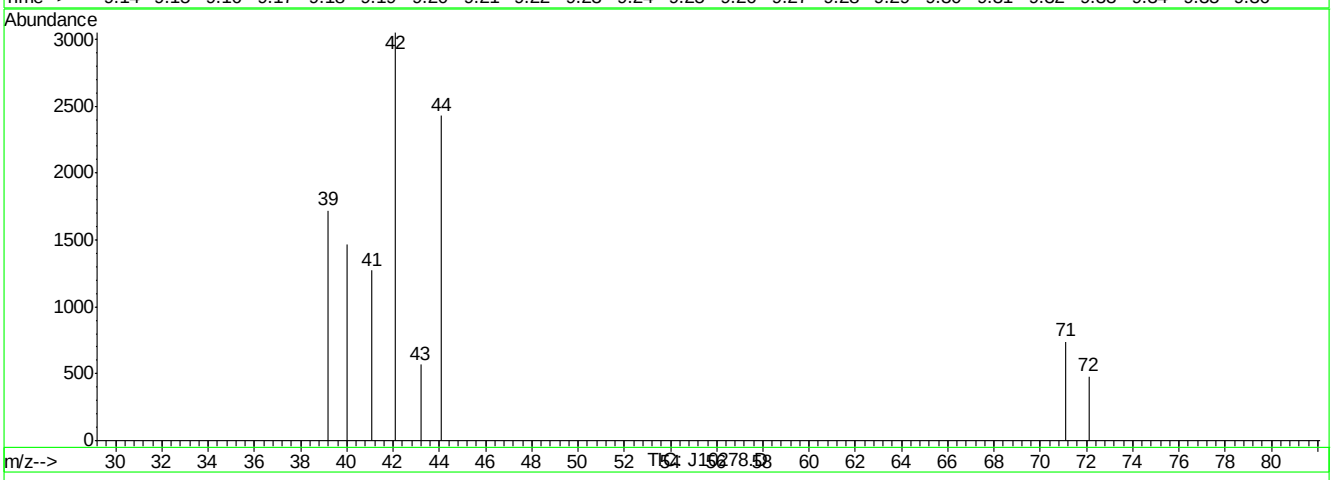
Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10278.D Vial: 2
Acq On : 9 May 2007 7:29 pm Operator: danat
Sample : IC533-0.5 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:31:42 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:30:48 2007
Response via : Multiple Level Calibration





(24) TETRAHYDROFURAN (m)

9.23min 0.32PPBV m

response 4448

Ion	Exp%	Act%
42.00	100	100
72.00	51.30	15.60#
71.00	52.50	37.97
0.00	0.00	0.00

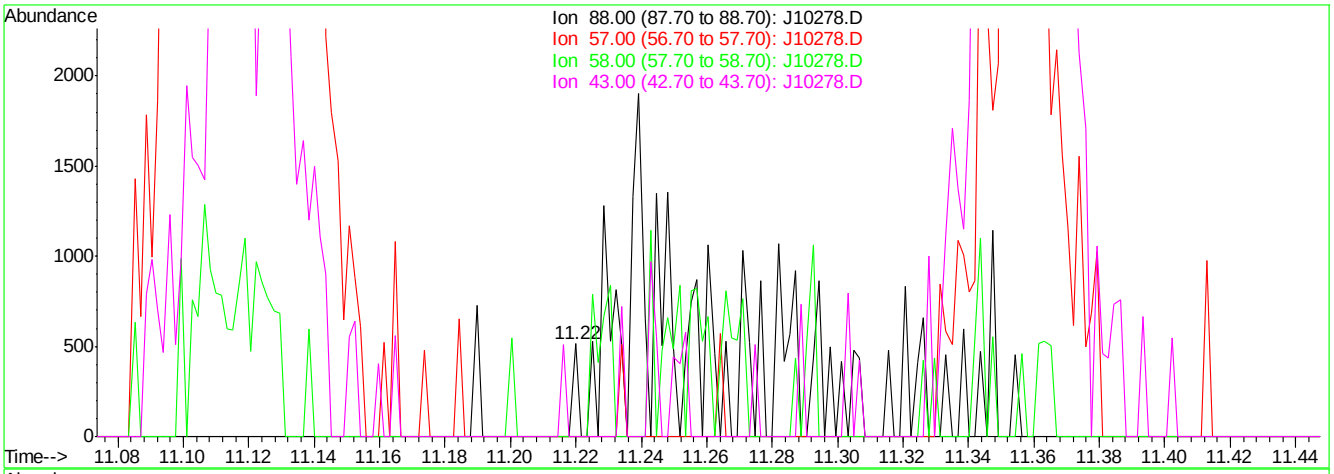
J10278.D J050907T.M Thu May 10 08:32:46 2007

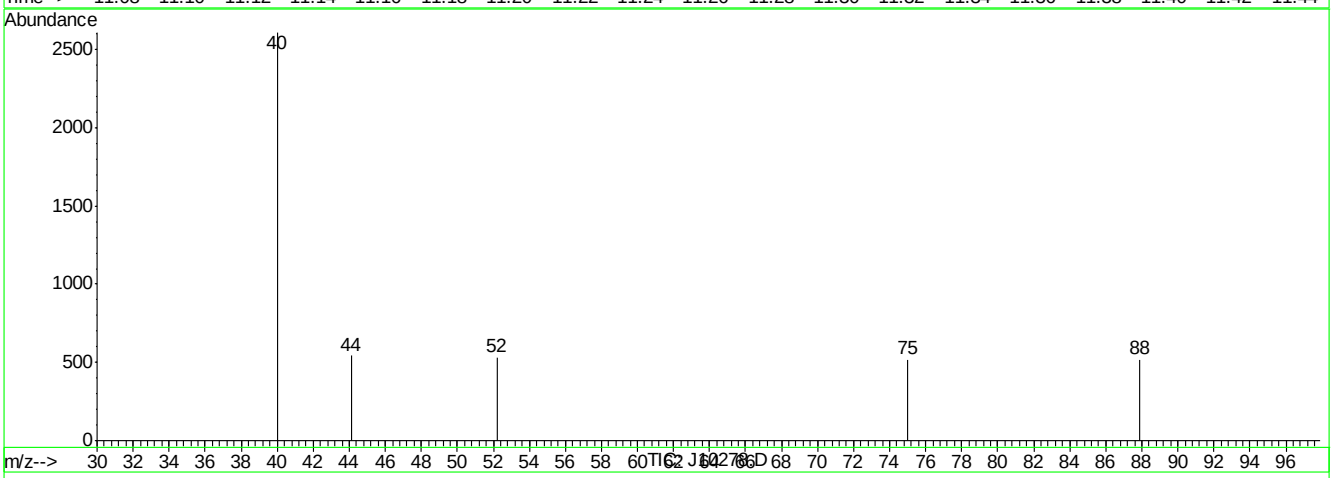
Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10278.D Vial: 2
Acq On : 9 May 2007 7:29 pm Operator: danat
Sample : IC533-0.5 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:31:42 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:30:48 2007
Response via : Multiple Level Calibration





(42) 1,4-DIOXANE (m)

11.22min 0.01PPBV

response 55

Ion	Exp%	Act%
88.00	100	100
57.00	26.70	0.00#
58.00	51.70	0.00#
43.00	24.80	0.00#

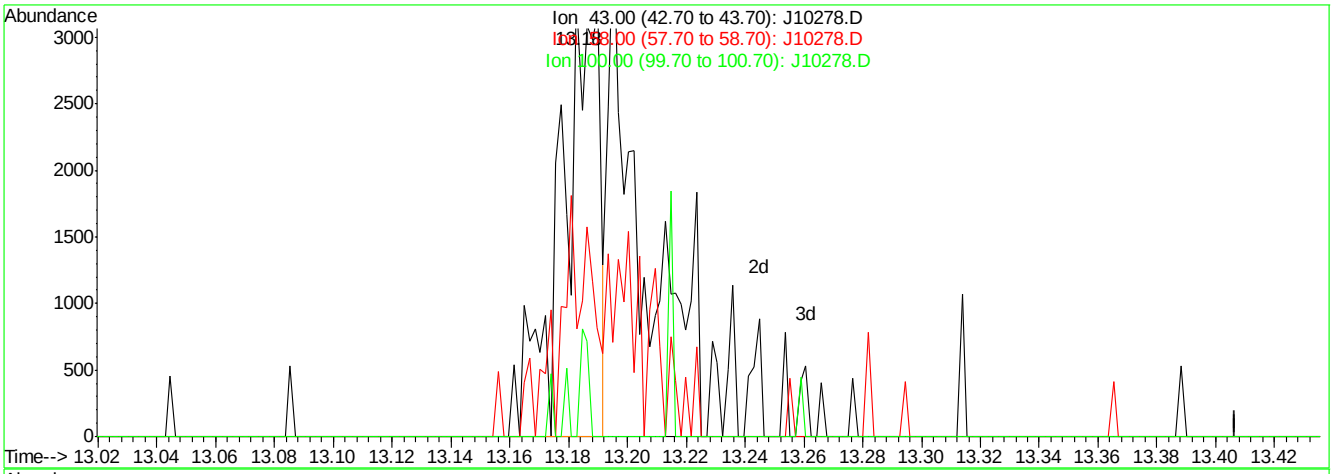
J10278.D J050907T.M Thu May 10 08:33:15 2007

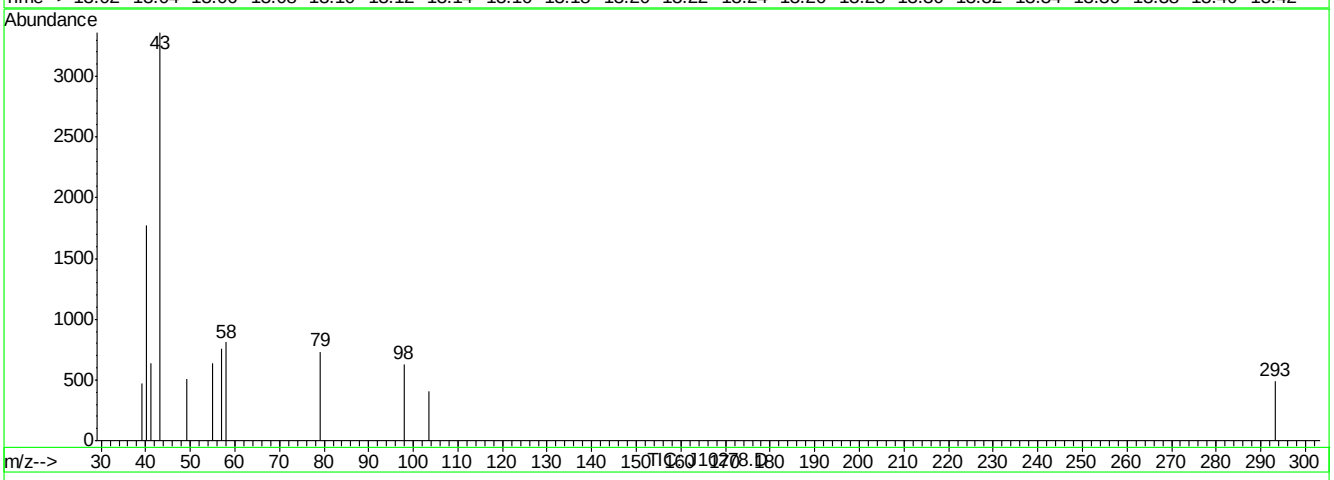
Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10278.D Vial: 2
Acq On : 9 May 2007 7:29 pm Operator: danat
Sample : IC533-0.5 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:31:42 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:30:48 2007
Response via : Multiple Level Calibration





(50) 2-HEXANONE (m)

13.18min 0.13PPBV

response 2999

Ion	Exp%	Act%
43.00	100	100
58.00	52.90	72.66
100.00	11.70	5.40
0.00	0.00	0.00

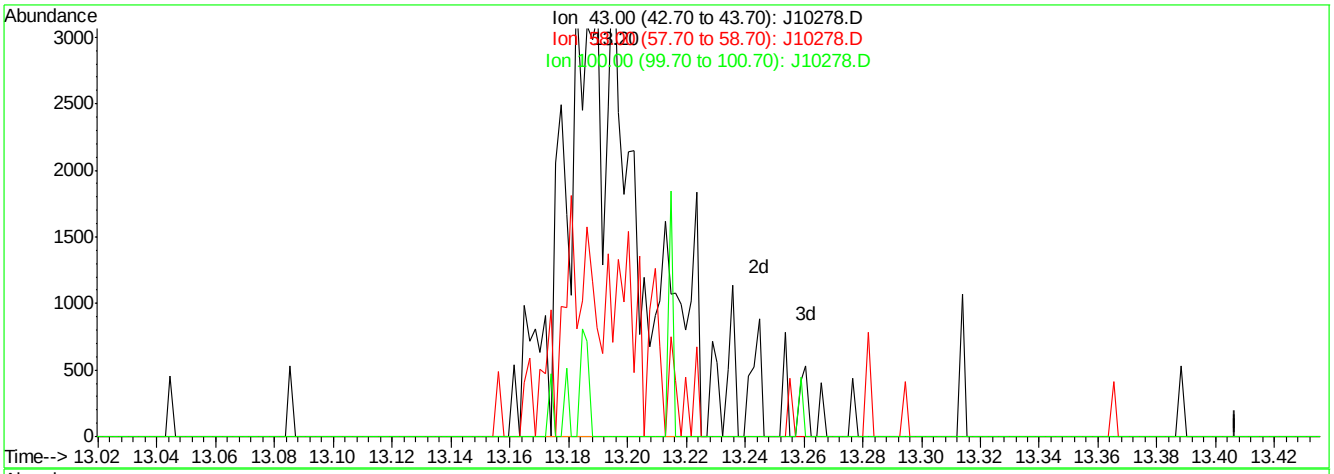
J10278.D J050907T.M Thu May 10 08:33:47 2007

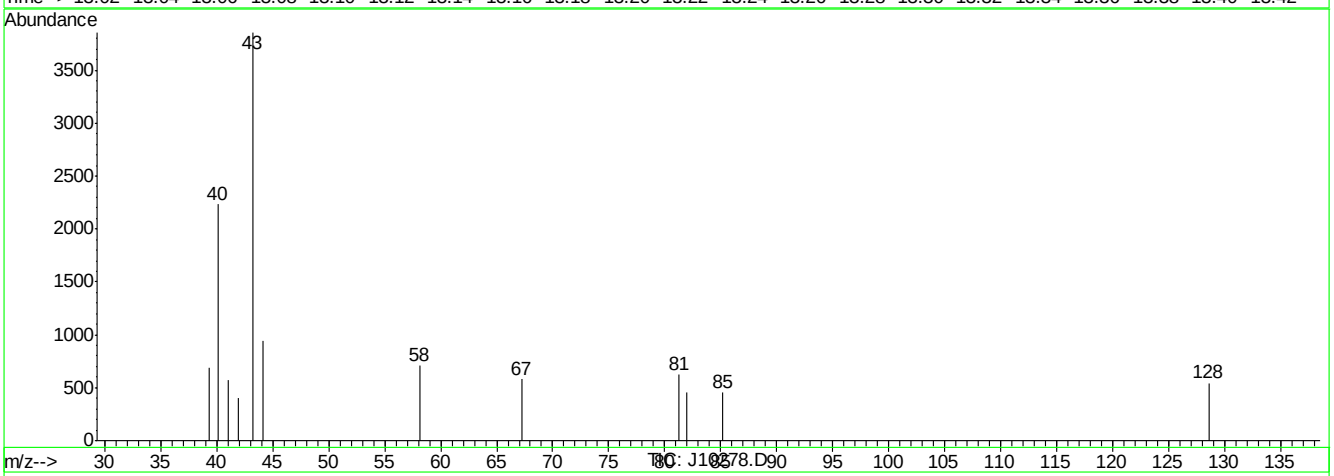
Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10278.D Vial: 2
Acq On : 9 May 2007 7:29 pm Operator: danat
Sample : IC533-0.5 (M058) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:31:42 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:30:48 2007
Response via : Multiple Level Calibration





(50) 2-HEXANONE (m)

13.20min 0.26PPBV m

response 5962

Ion	Exp%	Act%
43.00	100	100
58.00	52.90	36.55
100.00	11.70	2.72
0.00	0.00	0.00

J10278.D J050907T.M Thu May 10 08:33:53 2007

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10279.D
Acq On : 9 May 2007 8:18 pm
Operator : danat
Sample : IC533-40 (M079)
Misc : MS13434, MSJ533,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 10 08:26:33 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 08:25:12 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	404357	10.00	PPBV	0.01
35) 1,4-DIFLUOROBENZENE	10.45	114	1793963	10.00	PPBV	0.01
49) CHLOROBENZENE-D5	14.68	117	1690369	10.00	PPBV	0.01

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.31	95	598108	5.36	PPBV	0.02

Spiked Amount 5.000 Range 51 - 142 Recovery = 107.20%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	5045782	38.33	PPBV	100
3) PROPYLENE	3.99	41	713566	38.59	PPBV	89
4) FREON 114	4.32	85	4377290	39.66	PPBV	99
5) CHLOROMETHANE	4.23	50	974089	38.95	PPBV	96
6) VINYL CHLORIDE	4.45	62	1234612	38.44	PPBV	98
7) 1,3-BUTADIENE	4.58	39	893531	41.12	PPBV	98
8) BROMOMETHANE	4.86	94	1506649	39.48	PPBV	99
9) CHLOROETHANE	5.02	64	594297	40.67	PPBV	100
10) TRICHLOROFLUOROMETHANE	5.80	101	5287371	40.57	PPBV	100
11) ISOPROPYL ALCOHOL	5.97	45	1378514	40.51	PPBV	98
12) ACETONE	5.65	43	1478585	42.51	PPBV	99
13) PENTANE	6.14	42	973868	40.12	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.43	96	1508099	40.21	PPBV	97
15) CARBON DISULFIDE	6.85	76	3991509	39.44	PPBV	99
16) ETHANOL	5.20	45	232995	42.55	PPBV #	57
17) BROMOETHENE	5.38	106	1567714	40.51	PPBV	100
18) METHYLENE CHLORIDE	6.55	84	1330636	41.19	PPBV	99
19) 3-CHLOROPROPENE	6.66	39	1065920	46.84	PPBV	97
20) FREON 113	6.79	151	3304804	41.16	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	1468282	42.02	PPBV	98
22) TERTIARY BUTYL ALCOHOL	6.57	59	2031691	41.97	PPBV	94
23) METHYL TERTIARY BUTYL ETHE	7.73	73	2972098	43.06	PPBV	100
24) TETRAHYDROFURAN	9.18	42	887741	44.28	PPBV	99
25) HEXANE	8.63	57	1482683	43.06	PPBV	97
26) VINYL ACETATE	7.81	43	1907349	45.21	PPBV	98
27) 1,1-DICHLOROETHANE	7.66	63	2350712	43.53	PPBV	100
28) METHYL ETHYL KETONE	8.08	43	1636032	42.50	PPBV	97
29) cis-1,2-DICHLOROETHYLENE	8.47	96	1467409	44.74	PPBV	99
30) ETHYL ACETATE	8.70	43	1831614	42.86	PPBV	99
31) CHLOROFORM	8.76	83	3420136	43.96	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.69	97	4199585	45.18	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	5183665	43.27	PPBV	100
34) 1,2-DICHLOROETHANE	9.47	62	2052096	46.44	PPBV	99
36) BENZENE	10.13	78	3765517	47.71	PPBV	100
37) CYCLOHEXANE	10.38	84	1728156	43.53	PPBV	100
38) TRICHLOROETHYLENE	11.13	95	1979928	45.92	PPBV	97
39) 1,2-DICHLOROPROPANE	10.91	63	1215349	48.02	PPBV	99
40) BROMODICHLOROMETHANE	11.11	83	3527334	46.31	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.13	57	5658069	44.13	PPBV	100
42) 1,4-DIOXANE	11.18	88	699433	46.50	PPBV	98
43) HEPTANE	11.37	43	1725520	46.42	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10279.D
Acq On : 9 May 2007 8:18 pm
Operator : danat
Sample : IC533-40 (M079)
Misc : MS13434, MSJ533,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 10 08:26:33 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 08:25:12 2007
Response via : Initial Calibration

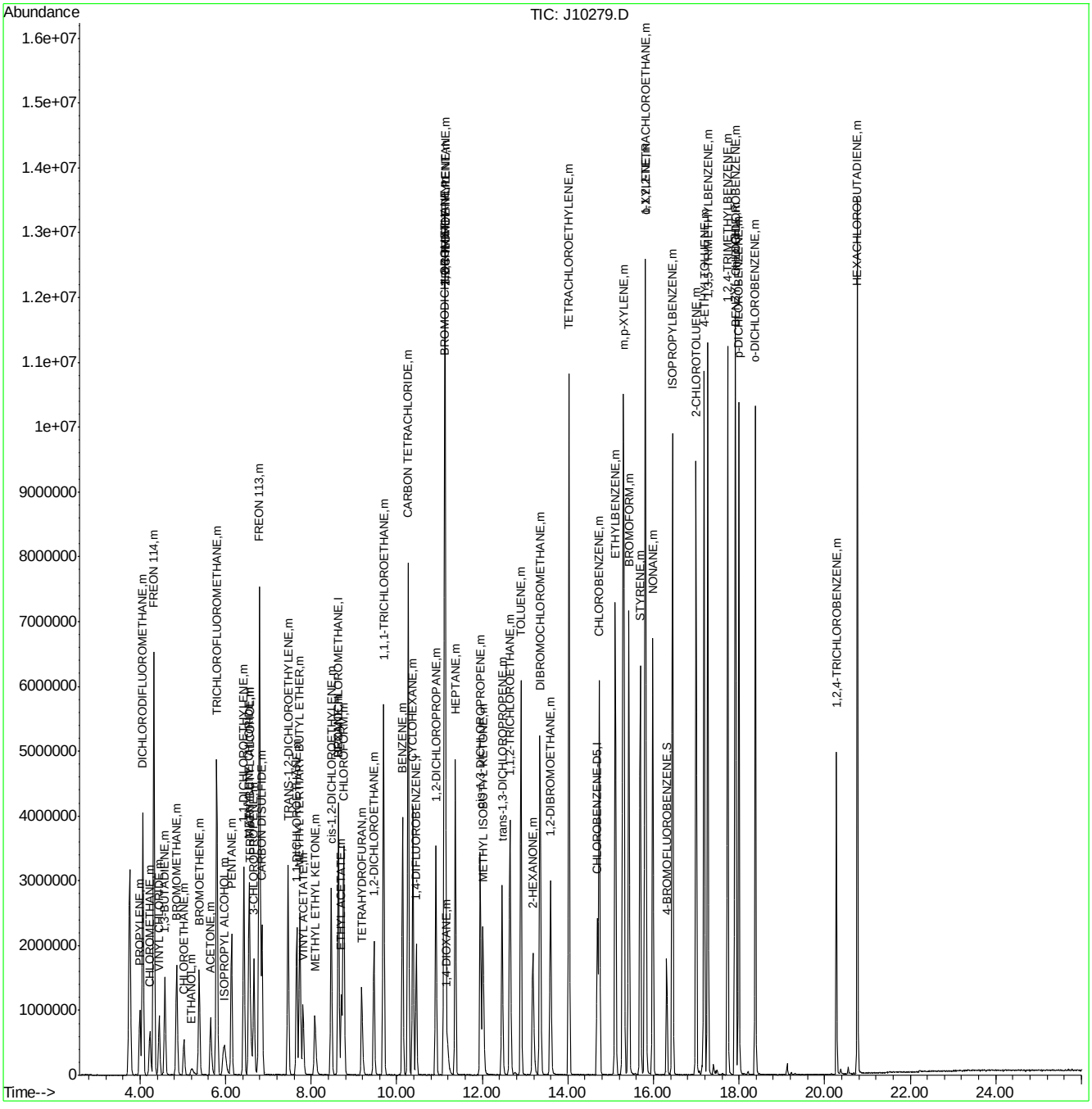
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	2181947	47.85	PPBV	100
45) cis-1,3-DICHLOROPROPENE	11.95	75	2021787	48.53	PPBV	99
46) TOLUENE	12.90	92	2853663	49.13	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.46	75	2009963	49.38	PPBV	100
48) 1,1,2-TRICHLOROETHANE	12.65	83	1349208	47.18	PPBV	100
50) 2-HEXANONE	13.18	43	1955501	48.86	PPBV	98
51) TETRACHLOROETHYLENE	14.02	164	2604938	48.09	PPBV	98
52) DIBROMOCHLOROMETHANE	13.35	129	3875669	45.99	PPBV	100
53) 1,2-DIBROMOETHANE	13.59	107	2742121	47.00	PPBV	99
54) CHLOROBENZENE	14.73	112	4037572	45.72	PPBV	100
55) ETHYLBENZENE	15.11	91	6386800	46.94	PPBV	99
56) m,p-XYLENE	15.29	106	5293566	93.91	PPBV	98
57) o-XYLENE	15.80	106	2702230	47.71	PPBV	99
58) STYRENE	15.69	104	3892158	50.18	PPBV	99
59) NONANE	15.99	43	2462505	46.64	PPBV	98
60) BROMOFORM	15.42	173	4304858	47.41	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.82	83	3627252	46.66	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	7832569	47.78	PPBV	99
64) 2-CHLOROTOLUENE	17.00	91	5399300	49.15	PPBV	99
65) 4-ETHYLTOLUENE	17.18	105	7335819	50.40	PPBV	97
66) 1,3,5-TRIMETHYLBENZENE	17.27	105	6548425	49.39	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	6245441	52.23	PPBV	99
68) m-DICHLOROBENZENE	17.92	146	4624539	52.96	PPBV	98
69) BENZYL CHLORIDE	17.90	91	3959343	55.29	PPBV	99
70) p-DICHLOROBENZENE	17.99	146	4326368	52.50	PPBV	100
71) o-DICHLOROBENZENE	18.38	146	4142730	53.59	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	2354646	50.90	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	1390577	53.70	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10279.D
Acq On : 9 May 2007 8:18 pm
Operator : danat
Sample : IC533-40 (M079)
Misc : MS13434, MSJ533,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 10 08:26:33 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 08:25:12 2007
Response via : Initial Calibration



ACCUTEST Laboratories
M64701

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10280.D
Acq On : 9 May 2007 9:05 pm
Operator : danat
Sample : IC533-20 (M079)
Misc : MS13434, MSJ533,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 10 08:25:03 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 08:23:49 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	404934	10.00	PPBV	0.01
35) 1,4-DIFLUOROBENZENE	10.45	114	1815477	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.68	117	1676330	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.30	95	561983	5.17	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 103.40%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	2650639	20.22	PPBV	99
3) PROPYLENE	3.99	41	376167	20.64	PPBV	93
4) FREON 114	4.33	85	2252269	20.77	PPBV	100
5) CHLOROMETHANE	4.23	50	512360	20.94	PPBV	100
6) VINYL CHLORIDE	4.45	62	657359	20.90	PPBV	99
7) 1,3-BUTADIENE	4.59	39	452627	21.67	PPBV	99
8) BROMOMETHANE	4.86	94	786147	21.17	PPBV	99
9) CHLOROETHANE	5.03	64	301582	21.26	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.79	101	2644990	20.54	PPBV	99
11) ISOPROPYL ALCOHOL	5.94	45	730444	23.09	PPBV	99
12) ACETONE	5.65	43	734728	22.31	PPBV	99
13) PENTANE	6.14	42	491846	20.47	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.43	96	771388	21.10	PPBV	99
15) CARBON DISULFIDE	6.85	76	2068017	20.83	PPBV	99
16) ETHANOL	5.20	45	118793	23.62	PPBV #	54
17) BROMOETHENE	5.39	106	806417	21.69	PPBV	99
18) METHYLENE CHLORIDE	6.55	84	668158	21.36	PPBV	98
19) 3-CHLOROPROPENE	6.66	39	480167	22.26	PPBV	98
20) FREON 113	6.79	151	1652492	21.13	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	731482	21.90	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.54	59	1052857	23.77	PPBV	95
23) METHYL TERTIARY BUTYL ETHE	7.73	73	1480582	23.06	PPBV	100
24) TETRAHYDROFURAN	9.17	42	435946	23.75	PPBV	98
25) HEXANE	8.64	57	708987	21.16	PPBV	98
26) VINYL ACETATE	7.80	43	917657	23.76	PPBV	98
27) 1,1-DICHLOROETHANE	7.66	63	1114776	21.27	PPBV	100
28) METHYL ETHYL KETONE	8.07	43	825016	23.01	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.46	96	685038	21.79	PPBV	99
30) ETHYL ACETATE	8.69	43	911778	22.80	PPBV #	87
31) CHLOROFORM	8.75	83	1604838	21.23	PPBV	100
32) 1,1,1-TRICHLOROETHANE	9.69	97	1946543	21.91	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	2458241	21.01	PPBV	100
34) 1,2-DICHLOROETHANE	9.46	62	937386	22.52	PPBV	100
36) BENZENE	10.13	78	1689378	22.44	PPBV	100
37) CYCLOHEXANE	10.37	84	830372	21.38	PPBV	100
38) TRICHLOROETHYLENE	11.12	95	912002	21.88	PPBV	99
39) 1,2-DICHLOROPROPANE	10.90	63	539801	22.27	PPBV	99
40) BROMODICHLOROMETHANE	11.09	83	1611690	21.90	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	2706384	21.79	PPBV	100
42) 1,4-DIOXANE	11.17	88	334145	24.33	PPBV	97
43) HEPTANE	11.37	43	792620	22.26	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10280.D
Acq On : 9 May 2007 9:05 pm
Operator : danat
Sample : IC533-20 (M079)
Misc : MS13434, MSJ533,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 10 08:25:03 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 08:23:49 2007
Response via : Initial Calibration

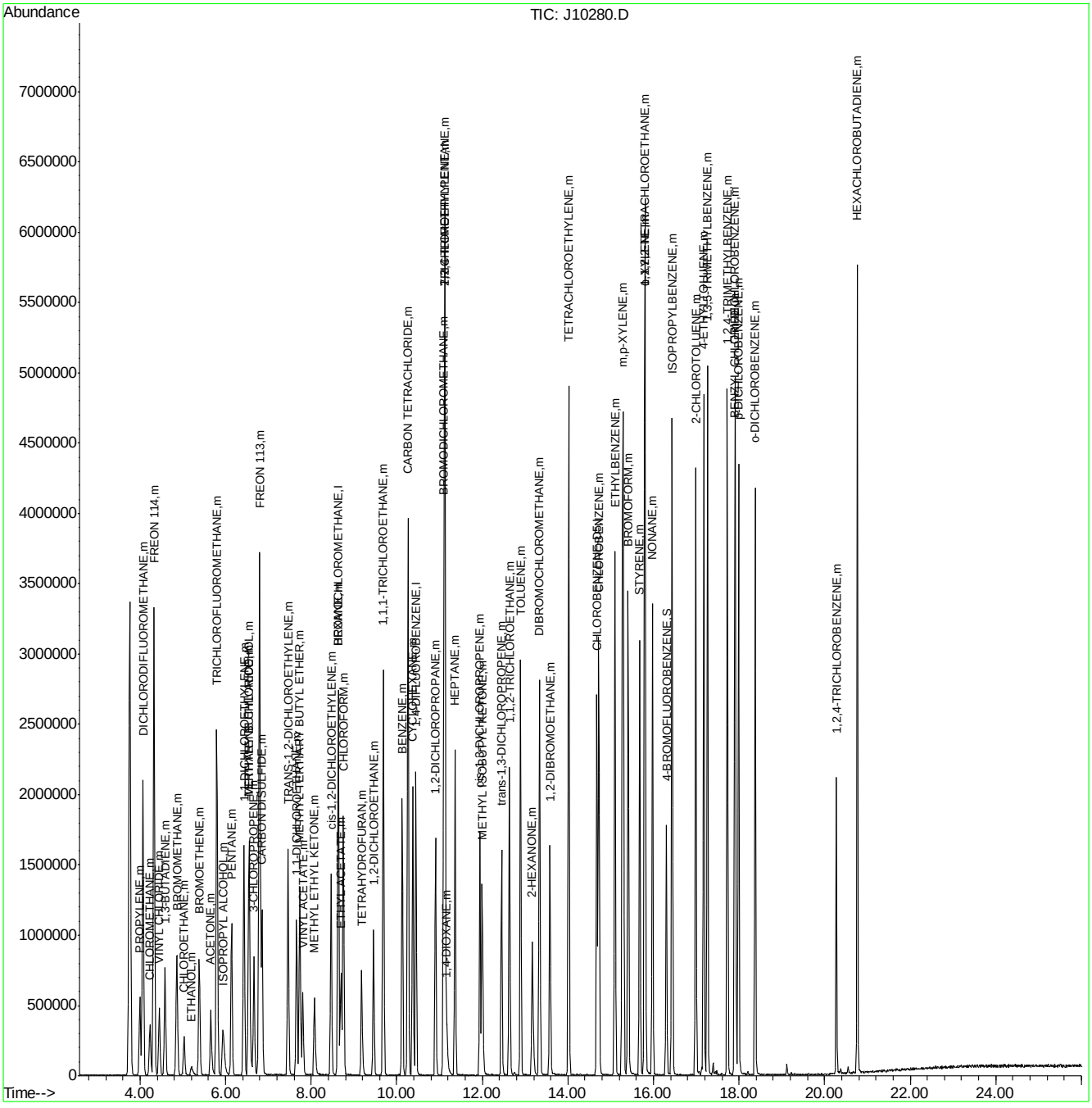
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.99	43	998239	23.56	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.94	75	916926	23.83	PPBV	99
46) TOLUENE	12.89	92	1270141	23.50	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.45	75	906659	24.47	PPBV	100
48) 1,1,2-TRICHLOROETHANE	12.63	83	613035	22.52	PPBV	99
50) 2-HEXANONE	13.16	43	863718	23.87	PPBV	99
51) TETRACHLOROETHYLENE	14.02	164	1140031	22.61	PPBV	98
52) DIBROMOCHLOROMETHANE	13.33	129	1748302	21.93	PPBV	100
53) 1,2-DIBROMOETHANE	13.58	107	1236020	22.93	PPBV	100
54) CHLOROBENZENE	14.72	112	1854324	22.50	PPBV	99
55) ETHYLBENZENE	15.10	91	2884297	22.96	PPBV	99
56) m,p-XYLENE	15.29	106	2360655	44.73	PPBV	95
57) o-XYLENE	15.79	106	1187661	22.43	PPBV	99
58) STYRENE	15.68	104	1691471	24.42	PPBV	99
59) NONANE	15.98	43	1099191	22.09	PPBV	98
60) BROMOFORM	15.41	173	1913327	22.66	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.80	83	1633305	22.53	PPBV	100
63) ISOPROPYLBENZENE	16.43	105	3466671	22.84	PPBV	100
64) 2-CHLOROTOLUENE	16.99	91	2358153	23.58	PPBV	99
65) 4-ETHYLTOLUENE	17.18	105	3154305	24.09	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	2843131	23.53	PPBV	100
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	2612283	24.52	PPBV	99
68) m-DICHLOROBENZENE	17.91	146	1901266	24.34	PPBV	98
69) BENZYL CHLORIDE	17.89	91	1575414	24.90	PPBV	100
70) p-DICHLOROBENZENE	17.99	146	1791624	24.26	PPBV	100
71) o-DICHLOROBENZENE	18.38	146	1681726	24.29	PPBV	100
72) HEXACHLOROBUTADIENE	20.77	225	977770	22.81	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.27	180	573837	25.31	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10280.D
Acq On : 9 May 2007 9:05 pm
Operator : danat
Sample : IC533-20 (M079)
Misc : MS13434, MSJ533,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 10 08:25:03 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 08:23:49 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10281.D
Acq On : 9 May 2007 9:52 pm
Operator : danat
Sample : ICc533-10 (M079)
Misc : MS13434, MSJ533,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 10 08:23:23 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 09 17:38:43 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	412358	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1821050	10.00	PPBV	0.01
49) CHLOROBENZENE-D5	14.67	117	1621470	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.29	95	525842	5.13	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery	= 102.60%		
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	1335034	9.08	PPBV	99
3) PROPYLENE	3.99	41	185611	9.31	PPBV	97
4) FREON 114	4.32	85	1104094	8.84	PPBV	100
5) CHLOROMETHANE	4.23	50	249129	8.69	PPBV	97
6) VINYL CHLORIDE	4.45	62	320310	8.89	PPBV #	89
7) 1,3-BUTADIENE	4.58	39	212715	9.09	PPBV	100
8) BROMOMETHANE	4.86	94	378088	8.86	PPBV	100
9) CHLOROETHANE	5.03	64	144488	8.85	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.79	101	1311549	9.02	PPBV	99
11) ISOPROPYL ALCOHOL	5.92	45	322164	9.12	PPBV	97
12) ACETONE	5.66	43	335368	8.76	PPBV	99
13) PENTANE	6.14	42	244642	9.20	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.42	96	372254	9.11	PPBV	99
15) CARBON DISULFIDE	6.85	76	1011086	8.74	PPBV	99
16) ETHANOL	5.21	45	51209	10.38	PPBV	75
17) BROMOETHENE	5.38	106	378606	9.00	PPBV	99
18) METHYLENE CHLORIDE	6.55	84	318607	8.17	PPBV	97
19) 3-CHLOROPROPENE	6.66	39	219616	8.54	PPBV	99
20) FREON 113	6.79	151	796267	8.81	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.45	96	340162	8.61	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.53	59	451125	9.09	PPBV	99
23) METHYL TERTIARY BUTYL ETHE	7.73	73	653883	9.01	PPBV	99
24) TETRAHYDROFURAN	9.18	42	186932	8.98	PPBV	98
25) HEXANE	8.63	57	341232	8.84	PPBV	98
26) VINYL ACETATE	7.80	43	393252	8.94	PPBV	99
27) 1,1-DICHLOROETHANE	7.66	63	533713	8.80	PPBV	100
28) METHYL ETHYL KETONE	8.07	43	365150	8.93	PPBV	98
29) cis-1,2-DICHLOROETHYLENE	8.46	96	320213	8.58	PPBV	99
30) ETHYL ACETATE	8.69	43	407296	8.95	PPBV	100
31) CHLOROFORM	8.74	83	769763	8.75	PPBV	100
32) 1,1,1-TRICHLOROETHANE	9.68	97	904749	8.63	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	1191513	8.88	PPBV	99
34) 1,2-DICHLOROETHANE	9.45	62	423903	8.57	PPBV	100
36) BENZENE	10.12	78	755065	8.40	PPBV	99
37) CYCLOHEXANE	10.37	84	389500	8.84	PPBV	99
38) TRICHLOROETHYLENE	11.12	95	418019	8.34	PPBV	99
39) 1,2-DICHLOROPROPANE	10.90	63	243106	8.40	PPBV	99
40) BROMODICHLOROMETHANE	11.09	83	738122	8.49	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	1245861	8.95	PPBV	99
42) 1,4-DIOXANE	11.17	88	137760	8.54	PPBV	95
43) HEPTANE	11.36	43	357154	8.77	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10281.D
Acq On : 9 May 2007 9:52 pm
Operator : danat
Sample : ICc533-10 (M079)
Misc : MS13434, MSJ533,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 10 08:23:23 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 09 17:38:43 2007
Response via : Initial Calibration

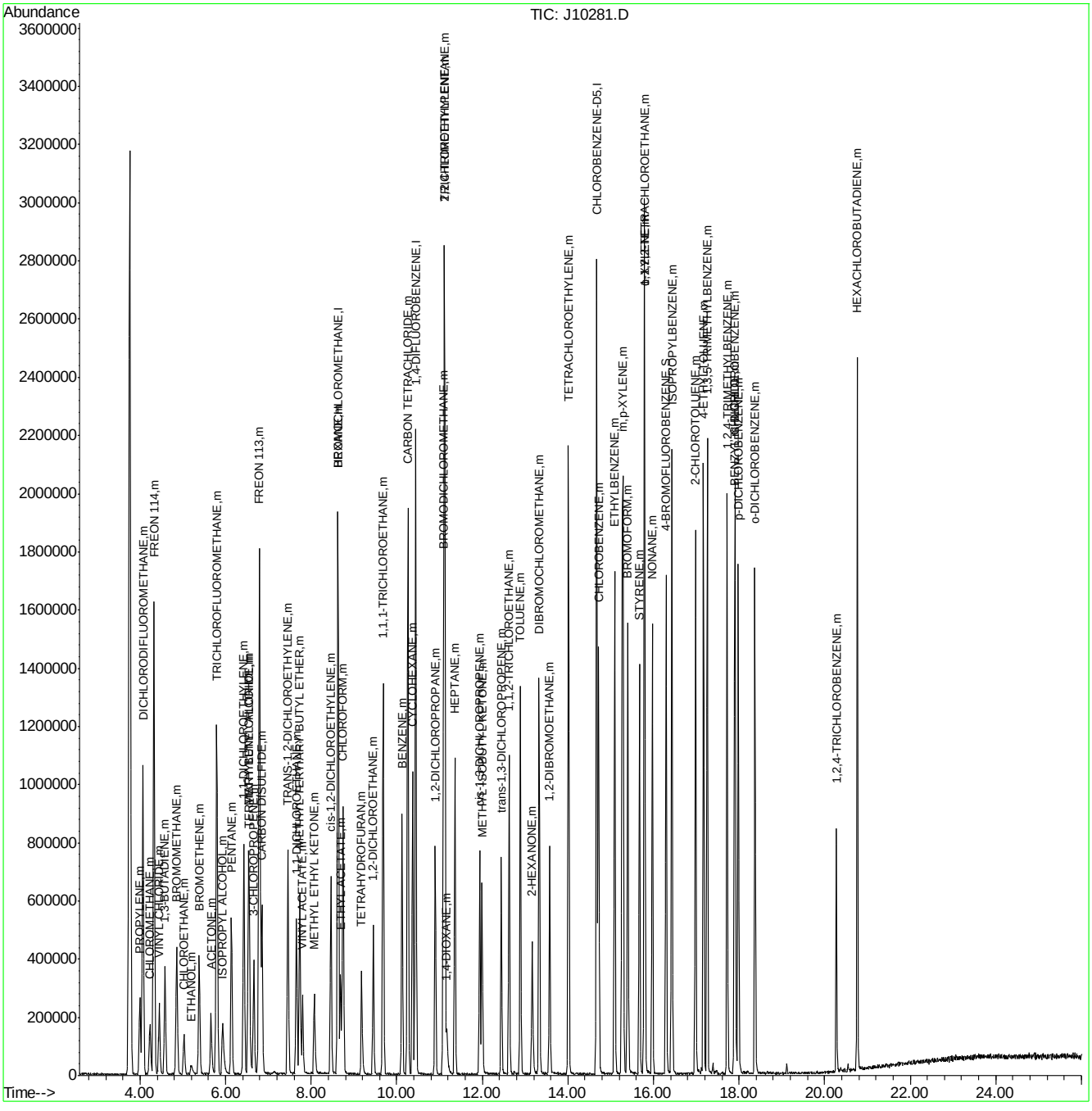
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.99	43	425071	8.67	PPBV	100
45) cis-1,3-DICHLOROPROPENE	11.94	75	385895	8.76	PPBV	100
46) TOLUENE	12.89	92	542169	8.61	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.44	75	371618	8.76	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.62	83	273074	8.42	PPBV	98
50) 2-HEXANONE	13.16	43	350058	8.42	PPBV	100
51) TETRACHLOROETHYLENE	14.01	164	487777	8.31	PPBV	99
52) DIBROMOCHLOROMETHANE	13.33	129	771223	8.59	PPBV	100
53) 1,2-DIBROMOETHANE	13.57	107	521511	8.51	PPBV	100
54) CHLOROBENZENE	14.72	112	797302	8.58	PPBV	99
55) ETHYLBENZENE	15.09	91	1215370	8.87	PPBV	100
56) m,p-XYLENE	15.29	106	1021055	17.90	PPBV	94
57) o-XYLENE	15.79	106	512115	8.99	PPBV	99
58) STYRENE	15.67	104	670103	9.09	PPBV	99
59) NONANE	15.97	43	481225	9.03	PPBV	99
60) BROMOFORM	15.40	173	816576	8.47	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	701321	8.41	PPBV	100
63) ISOPROPYLBENZENE	16.43	105	1468071	8.91	PPBV	100
64) 2-CHLOROTOLUENE	16.98	91	967207	8.90	PPBV	99
65) 4-ETHYLTOLUENE	17.17	105	1266694	8.82	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1168837	8.75	PPBV	100
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	1030474	8.66	PPBV	99
68) m-DICHLOROBENZENE	17.91	146	755613	8.19	PPBV	99
69) BENZYL CHLORIDE	17.89	91	611993	8.55	PPBV	99
70) p-DICHLOROBENZENE	17.98	146	714462	8.36	PPBV	99
71) o-DICHLOROBENZENE	18.37	146	669831	8.13	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	414611	5.84	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.27	180	219261	7.02	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10281.D
Acq On : 9 May 2007 9:52 pm
Operator : danat
Sample : ICc533-10 (M079)
Misc : MS13434, MSJ533,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 10 08:23:23 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 09 17:38:43 2007
Response via : Initial Calibration



ACCUTEST Laboratories M64701

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10282.D
Acq On : 9 May 2007 10:40 pm
Operator : danat
Sample : IC533-5 (M079)
Misc : MS13434, MSJ533,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 10 08:28:02 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 08:26:43 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	366773	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1563527	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1351983	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	381322	4.17	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 83.40%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	659515	5.60	PPBV	100
3) PROPYLENE	4.00	41	83889	5.06	PPBV	89
4) FREON 114	4.33	85	503560	5.04	PPBV	98
5) CHLOROMETHANE	4.24	50	119629	5.32	PPBV	99
6) VINYL CHLORIDE	4.45	62	141719	4.93	PPBV	97
7) 1,3-BUTADIENE	4.58	39	94862	4.77	PPBV	97
8) BROMOMETHANE	4.86	94	173852	5.04	PPBV	98
9) CHLOROETHANE	5.03	64	61935	4.65	PPBV	100
10) TRICHLOROFLUOROMETHANE	5.80	101	596208	5.02	PPBV	99
11) ISOPROPYL ALCOHOL	5.93	45	124059	4.00	PPBV	97
12) ACETONE	5.66	43	145315	4.51	PPBV	98
13) PENTANE	6.14	42	108338	4.92	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.43	96	158133	4.64	PPBV	97
15) CARBON DISULFIDE	6.85	76	467845	5.12	PPBV	100
16) ETHANOL	5.20	45	20144	3.97	PPBV	77
17) BROMOETHENE	5.39	106	163524	4.64	PPBV	99
18) METHYLENE CHLORIDE	6.55	84	144762	4.89	PPBV	98
19) 3-CHLOROPROPENE	6.66	39	91378	4.19	PPBV	99
20) FREON 113	6.79	151	365624	4.97	PPBV	100
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	148077	4.59	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.53	59	185663	4.16	PPBV	98
23) METHYL TERTIARY BUTYL ETHE	7.73	73	275497	4.29	PPBV	99
24) TETRAHYDROFURAN	9.18	42	73632	3.91	PPBV	97
25) HEXANE	8.63	57	148311	4.63	PPBV	96
26) VINYL ACETATE	7.80	43	159621	4.00	PPBV	97
27) 1,1-DICHLOROETHANE	7.65	63	230505	4.57	PPBV	100
28) METHYL ETHYL KETONE	8.07	43	151968	4.26	PPBV	97
29) cis-1,2-DICHLOROETHYLENE	8.46	96	134707	4.36	PPBV	99
30) ETHYL ACETATE	8.69	43	165297	4.17	PPBV	99
31) CHLOROFORM	8.74	83	337126	4.62	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.68	97	389206	4.43	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	538078	4.82	PPBV	100
34) 1,2-DICHLOROETHANE	9.45	62	182824	4.33	PPBV	99
36) BENZENE	10.12	78	304284	4.16	PPBV	99
37) CYCLOHEXANE	10.37	84	165185	4.64	PPBV	98
38) TRICHLOROETHYLENE	11.12	95	183986	4.67	PPBV	99
39) 1,2-DICHLOROPROPANE	10.90	63	102207	4.34	PPBV	97
40) BROMODICHLOROMETHANE	11.08	83	319064	4.57	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	494974	4.28	PPBV	97
42) 1,4-DIOXANE	11.18	88	47550	3.44	PPBV	90
43) HEPTANE	11.36	43	143860	4.21	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10282.D
Acq On : 9 May 2007 10:40 pm
Operator : danat
Sample : IC533-5 (M079)
Misc : MS13434, MSJ533,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 10 08:28:02 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 08:26:43 2007
Response via : Initial Calibration

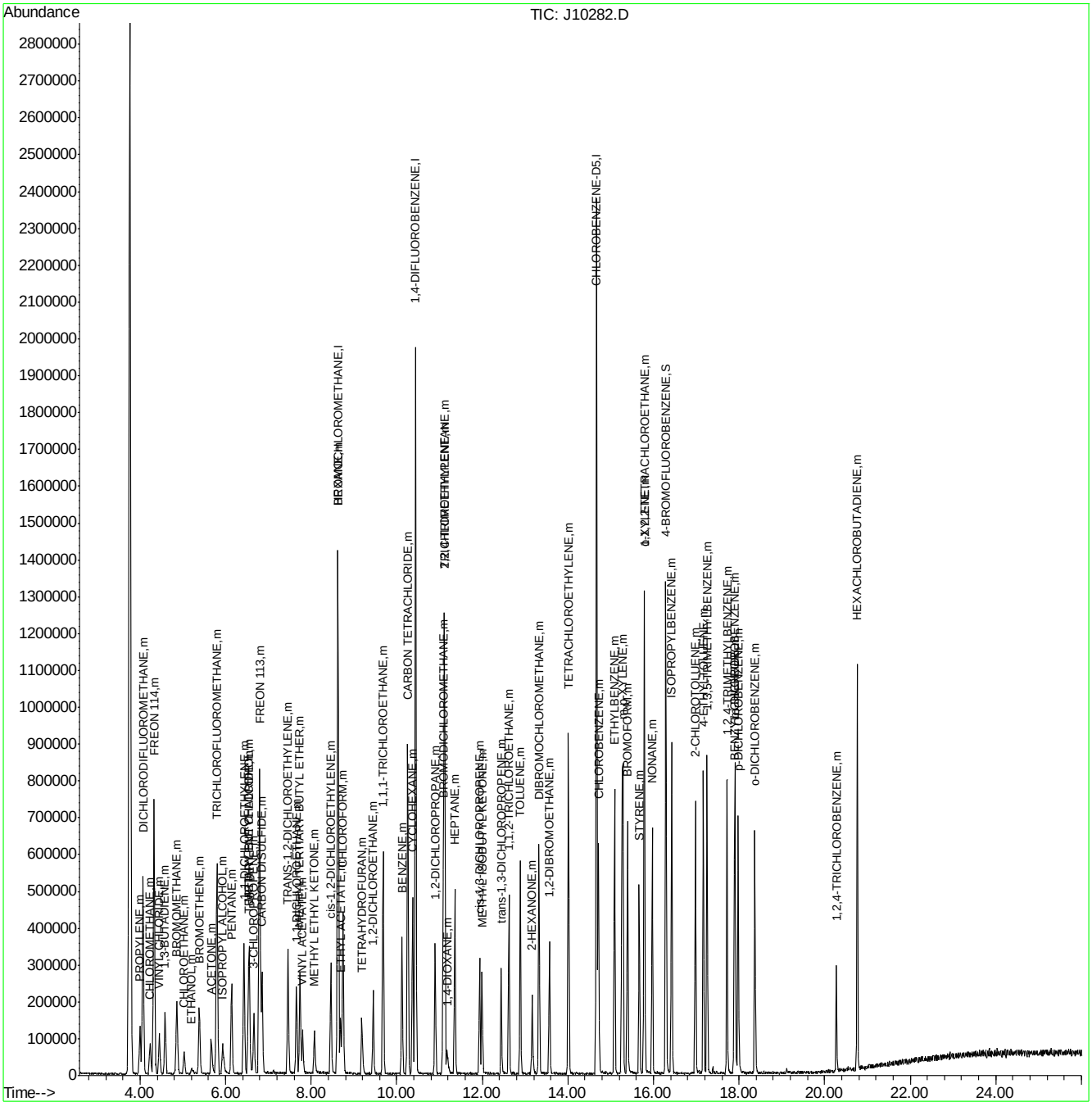
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.99	43	163941	3.87	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.94	75	147966	3.80	PPBV	97
46) TOLUENE	12.88	92	213818	3.93	PPBV	97
47) trans-1,3-DICHLOROPROPENE	12.44	75	138222	3.61	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.62	83	115078	4.36	PPBV	98
50) 2-HEXANONE	13.16	43	133852	3.89	PPBV	97
51) TETRACHLOROETHYLENE	14.01	164	204474	4.42	PPBV	99
52) DIBROMOCHLOROMETHANE	13.32	129	331347	4.68	PPBV	100
53) 1,2-DIBROMOETHANE	13.57	107	212135	4.30	PPBV	99
54) CHLOROBENZENE	14.72	112	333880	4.51	PPBV	99
55) ETHYLBENZENE	15.09	91	480853	4.18	PPBV	99
56) m,p-XYLENE	15.27	106	406843	8.53	PPBV	97
57) o-XYLENE	15.78	106	203652	4.22	PPBV	99
58) STYRENE	15.66	104	228166	3.39	PPBV	99
59) NONANE	15.97	43	186332	4.18	PPBV	100
60) BROMOFORM	15.39	173	330866	4.29	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	289837	4.42	PPBV	99
63) ISOPROPYLBENZENE	16.42	105	561060	4.02	PPBV	99
64) 2-CHLOROTOLUENE	16.98	91	354631	3.75	PPBV	99
65) 4-ETHYLTOLUENE	17.17	105	458887	3.63	PPBV #	45
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	427329	3.74	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	377565	3.58	PPBV	99
68) m-DICHLOROBENZENE	17.90	146	307821	3.98	PPBV	99
69) BENZYL CHLORIDE	17.89	91	224322	3.47	PPBV	98
70) p-DICHLOROBENZENE	17.98	146	290086	3.99	PPBV	98
71) o-DICHLOROBENZENE	18.37	146	259799	3.77	PPBV	98
72) HEXACHLOROBUTADIENE	20.76	225	180506	4.47	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.27	180	80284	3.48	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10282.D
Acq On : 9 May 2007 10:40 pm
Operator : danat
Sample : IC533-5 (M079)
Misc : MS13434, MSJ533,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 10 08:28:02 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 08:26:43 2007
Response via : Initial Calibration



J10283.D

Manual Integrations APPROVED (compounds with "m" flag)

Philip Bassignani 05/11/07 16:35

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10283.D
Acq On : 9 May 2007 11:27 pm
Operator : danat
Sample : IC533-2 (M079)
Misc : MS13434, MSJ533,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 10 08:30:24 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 08:28:13 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	364997	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1696449	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1441208	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	390695	4.19	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 83.80%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	265326	2.20	PPBV	99
3) PROPYLENE	3.99	41	27646	1.67	PPBV #	77
4) FREON 114	4.32	85	242119	2.43	PPBV	99
5) CHLOROMETHANE	4.23	50	53357	2.35	PPBV	94
6) VINYL CHLORIDE	4.44	62	59590	2.09	PPBV #	51
7) 1,3-BUTADIENE	4.59	39	38962	1.99	PPBV	96
8) BROMOMETHANE	4.86	94	79695	2.32	PPBV	99
9) CHLOROETHANE	5.03	64	23246	1.78	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.80	101	285851	2.42	PPBV	98
11) ISOPROPYL ALCOHOL	5.95	45	36541	1.25	PPBV	82
12) ACETONE	5.67	43	62104	1.99	PPBV	66
13) PENTANE	6.14	42	49414	2.26	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.42	96	68145	2.05	PPBV	96
15) CARBON DISULFIDE	6.85	76	212409	2.32	PPBV	95
16) ETHANOL	5.22	45	8373m	1.75	PPBV	
17) BROMOETHENE	5.38	106	69624	2.02	PPBV	99
18) METHYLENE CHLORIDE	6.55	84	62738	2.14	PPBV	96
19) 3-CHLOROPROPENE	6.67	39	38776	1.86	PPBV	93
20) FREON 113	6.80	151	163182	2.23	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	62673	1.99	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.56	59	63841	1.50	PPBV	96
23) METHYL TERTIARY BUTYL ETHE	7.74	73	112307	1.82	PPBV	98
24) TETRAHYDROFURAN	9.20	42	27340	1.54	PPBV	89
25) HEXANE	8.63	57	64000	2.05	PPBV	92
26) VINYL ACETATE	7.81	43	59142	1.57	PPBV	95
27) 1,1-DICHLOROETHANE	7.65	63	103936	2.12	PPBV	99
28) METHYL ETHYL KETONE	8.08	43	64492	1.89	PPBV	95
29) cis-1,2-DICHLOROETHYLENE	8.46	96	61795	2.07	PPBV	99
30) ETHYL ACETATE	8.70	43	70793	1.87	PPBV #	98
31) CHLOROFORM	8.74	83	157428	2.21	PPBV	98
32) 1,1,1-TRICHLOROETHANE	9.68	97	173991	2.05	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	231505	2.10	PPBV	99
34) 1,2-DICHLOROETHANE	9.45	62	86021	2.12	PPBV	100
36) BENZENE	10.12	78	131797	1.73	PPBV	98
37) CYCLOHEXANE	10.37	84	65341	1.72	PPBV	99
38) TRICHLOROETHYLENE	11.11	95	87630	2.08	PPBV	100
39) 1,2-DICHLOROPROPANE	10.90	63	44533	1.80	PPBV	90
40) BROMODICHLOROMETHANE	11.08	83	152058	2.05	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	192800	1.59	PPBV	95
42) 1,4-DIOXANE	11.20	88	13702m	0.99	PPBV	
43) HEPTANE	11.36	43	60293	1.69	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10283.D
Acq On : 9 May 2007 11:27 pm
Operator : danat
Sample : IC533-2 (M079)
Misc : MS13434, MSJ533,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 10 08:30:24 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 08:28:13 2007
Response via : Initial Calibration

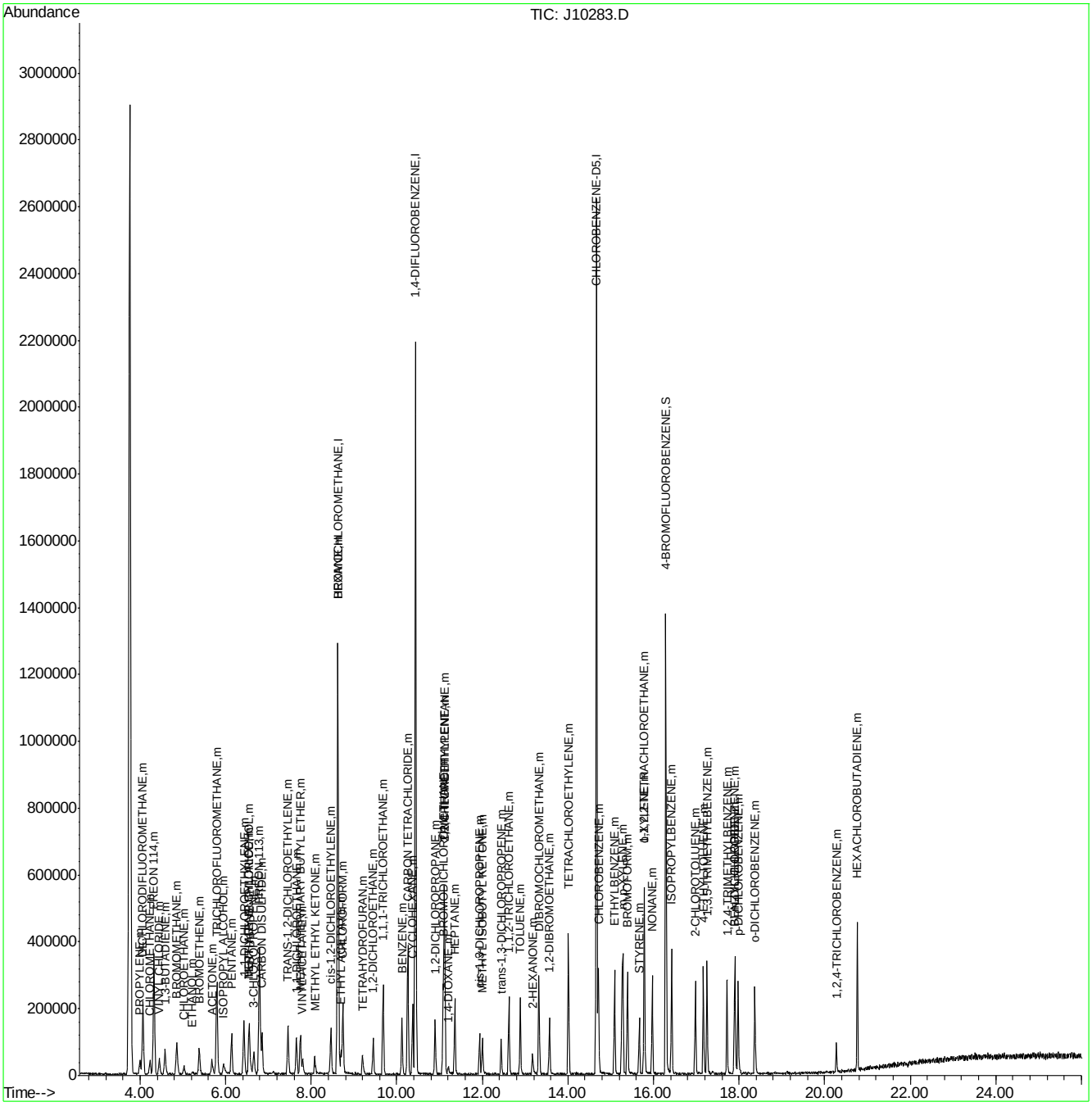
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.00	43	61589	1.42	PPBV	93
45) cis-1,3-DICHLOROPROPENE	11.93	75	57253	1.44	PPBV	97
46) TOLUENE	12.89	92	83319	1.49	PPBV	93
47) trans-1,3-DICHLOROPROPENE	12.44	75	53056	1.37	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.62	83	52926	1.91	PPBV	96
50) 2-HEXANONE	13.18	43	42072	1.22	PPBV	92
51) TETRACHLOROETHYLENE	14.01	164	92176	1.93	PPBV	99
52) DIBROMOCHLOROMETHANE	13.32	129	156054	2.10	PPBV	99
53) 1,2-DIBROMOETHANE	13.57	107	94616	1.86	PPBV	99
54) CHLOROBENZENE	14.72	112	158458	2.06	PPBV	98
55) ETHYLBENZENE	15.09	91	177378	1.51	PPBV	99
56) m,p-XYLENE	15.28	106	158064m	3.23	PPBV	
57) o-XYLENE	15.78	106	76083	1.54	PPBV	96
58) STYRENE	15.67	104	73413	1.11	PPBV	98
59) NONANE	15.97	43	72444	1.59	PPBV	99
60) BROMOFORM	15.39	173	150352	1.90	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	125824	1.85	PPBV	99
63) ISOPROPYLBENZENE	16.42	105	213050	1.51	PPBV	99
64) 2-CHLOROTOLUENE	16.98	91	131457	1.39	PPBV	98
65) 4-ETHYLTOLUENE	17.17	105	162932	1.30	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	158041	1.38	PPBV	97
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	129200	1.24	PPBV	99
68) m-DICHLOROBENZENE	17.90	146	130244	1.66	PPBV	97
69) BENZYL CHLORIDE	17.89	91	72946	1.15	PPBV	100
70) p-DICHLOROBENZENE	17.98	146	110415	1.50	PPBV	98
71) o-DICHLOROBENZENE	18.37	146	105939	1.54	PPBV	97
72) HEXACHLOROBUTADIENE	20.76	225	74693	1.78	PPBV	96
73) 1,2,4-TRICHLOROBENZENE	20.27	180	25976	1.14	PPBV	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10283.D
Acq On : 9 May 2007 11:27 pm
Operator : danat
Sample : IC533-2 (M079)
Misc : MS13434, MSJ533,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 10 08:30:24 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 08:28:13 2007
Response via : Initial Calibration

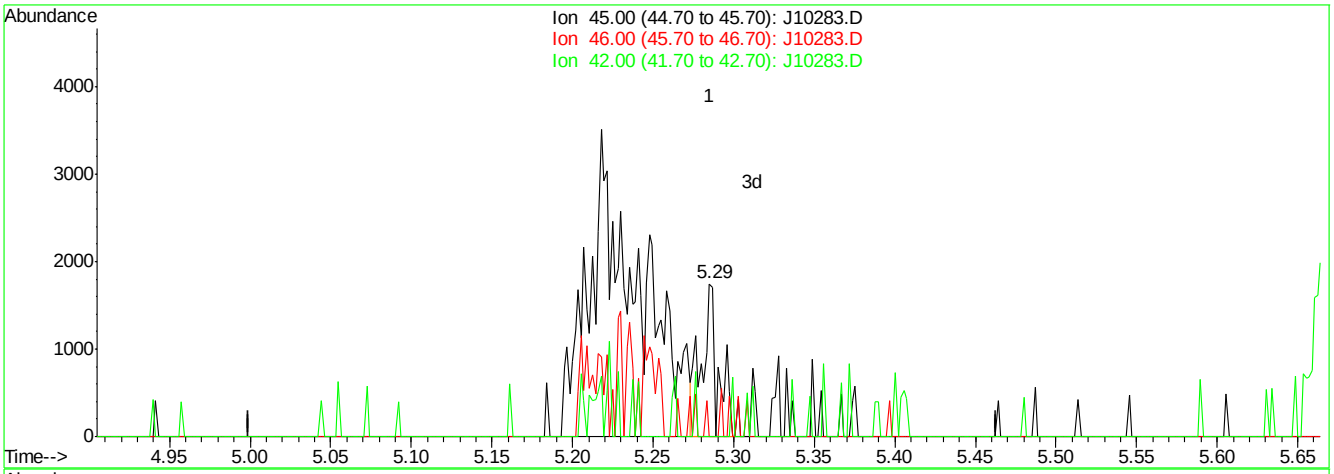


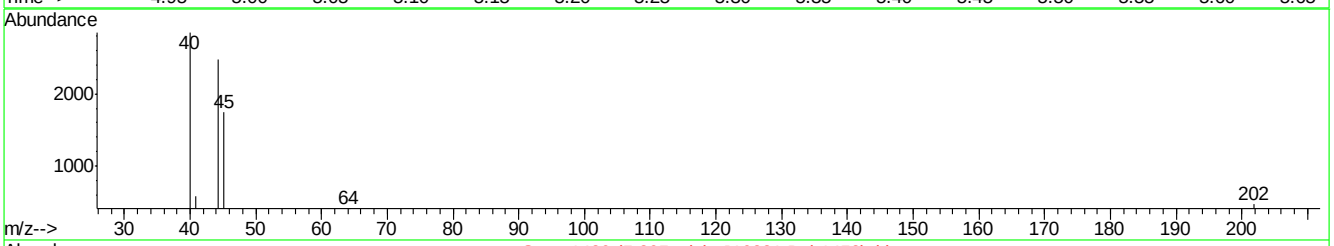
Quantitation Report (Qedit)

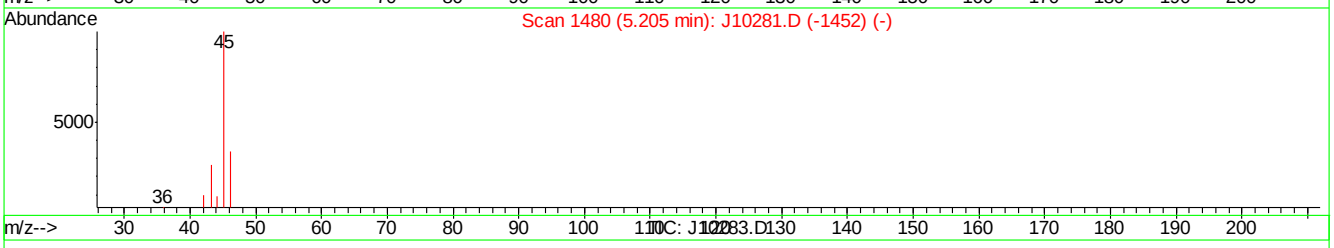
Data File : C:\MSDChem\1\data\J10283.D Vial: 3
Acq On : 9 May 2007 11:27 pm Operator: danat
Sample : IC533-2 (M079) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:28:50 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:28:13 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.29min 0.27PPBV

response 1281

Ion	Exp%	Act%
45.00	100	100
46.00	14.10	14.99
42.00	2.30	6.17
0.00	0.00	0.00

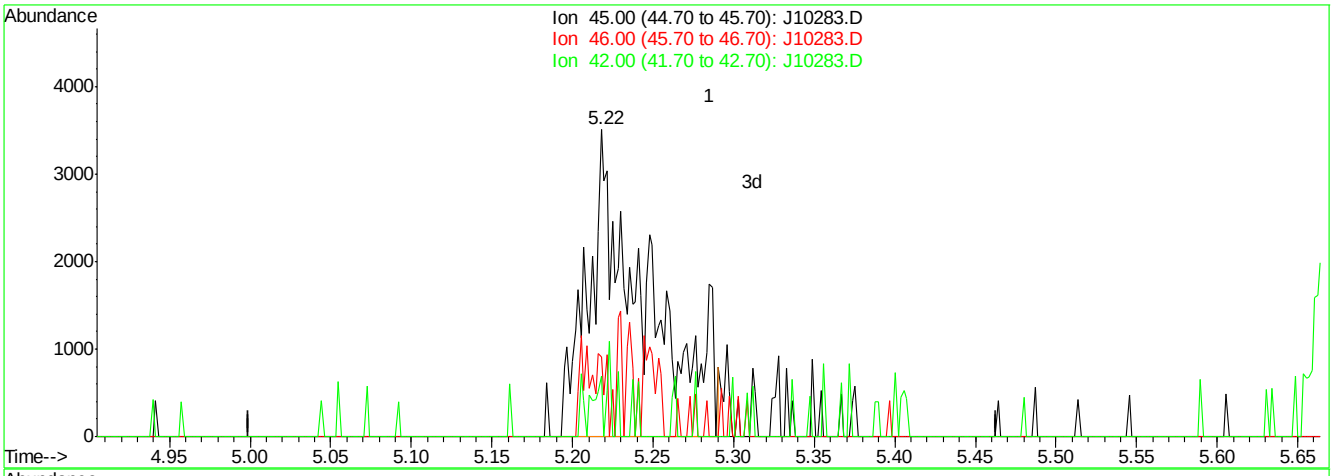
J10283.D J050907T.M Thu May 10 08:29:19 2007

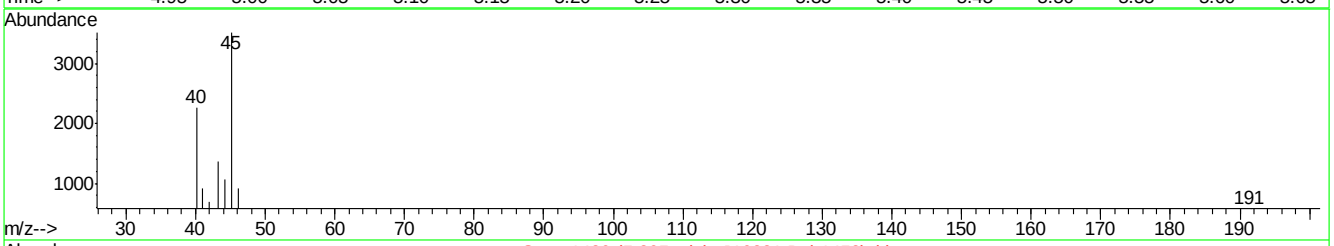
Quantitation Report (Qedit)

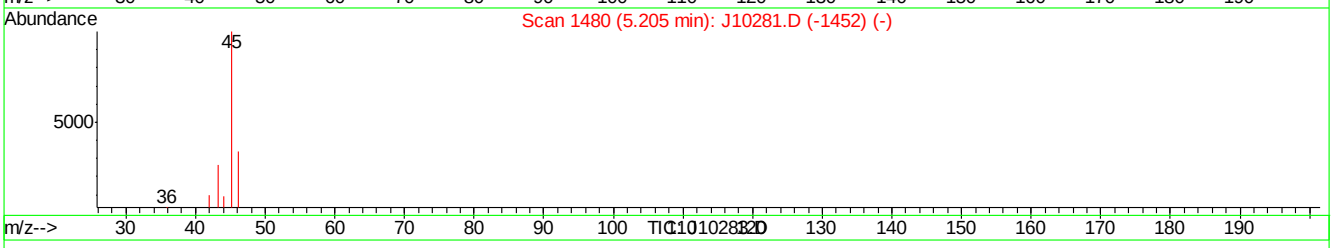
Data File : C:\MSDChem\1\data\J10283.D Vial: 3
Acq On : 9 May 2007 11:27 pm Operator: danat
Sample : IC533-2 (M079) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:28:50 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:28:13 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.22min 1.75PPBV m

response 8373

Ion	Exp%	Act%
45.00	100	100
46.00	14.10	2.29
42.00	2.30	0.94
0.00	0.00	0.00

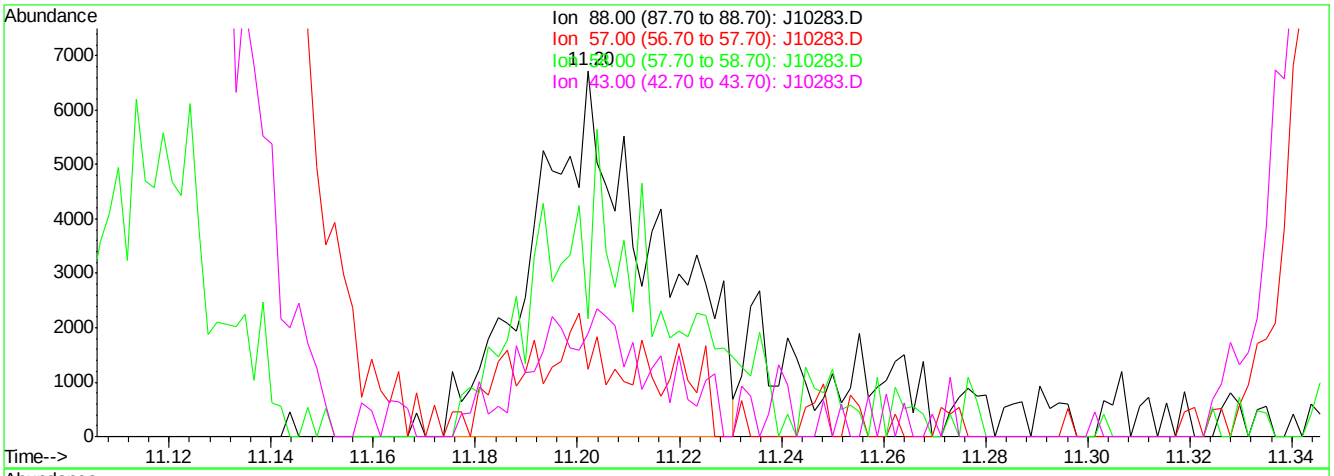
J10283.D J050907T.M Thu May 10 08:29:28 2007

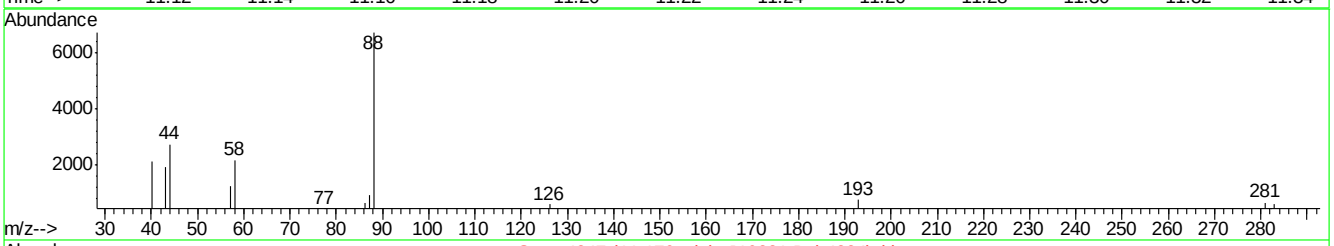
Quantitation Report (Qedit)

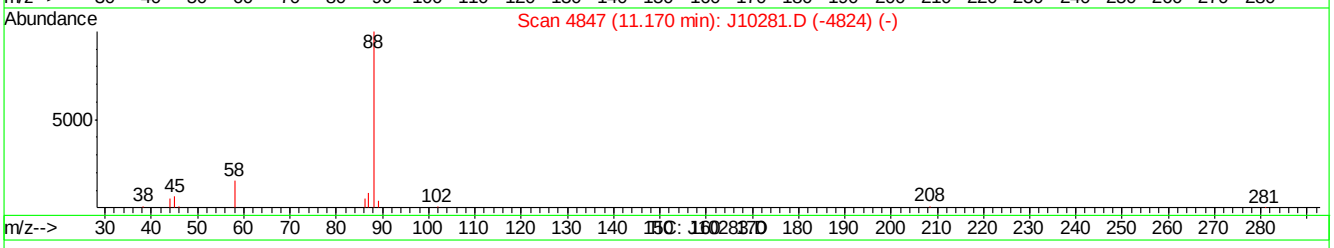
Data File : C:\MSDChem\1\data\J10283.D Vial: 3
Acq On : 9 May 2007 11:27 pm Operator: danat
Sample : IC533-2 (M079) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:28:50 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:28:13 2007
Response via : Multiple Level Calibration







(42) 1,4-DIOXANE (m)

11.20min 0.80PPBV

response 11007

Ion	Exp%	Act%
88.00	100	100
57.00	26.70	18.48
58.00	51.70	32.19
43.00	24.80	28.34

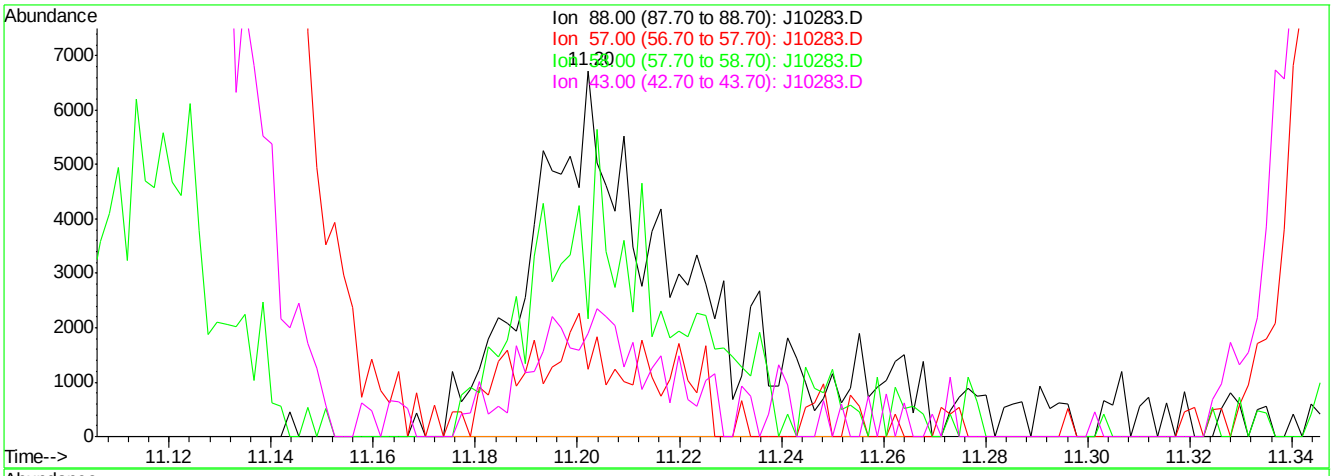
J10283.D J050907T.M Thu May 10 08:29:58 2007

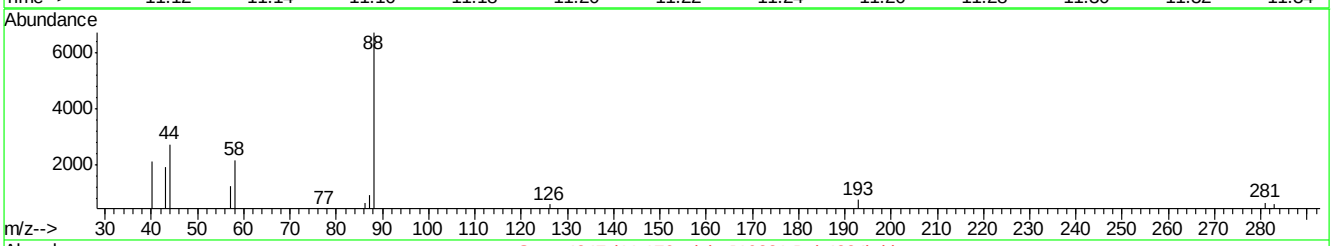
Quantitation Report (Qedit)

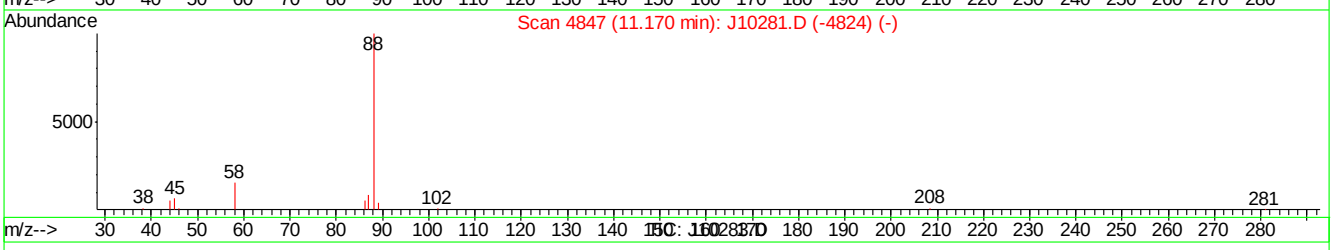
Data File : C:\MSDChem\1\data\J10283.D Vial: 3
Acq On : 9 May 2007 11:27 pm Operator: danat
Sample : IC533-2 (M079) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:28:50 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:28:13 2007
Response via : Multiple Level Calibration







(42) 1,4-DIOXANE (m)

11.20min 0.99PPBV m

response 13702

Ion	Exp%	Act%
88.00	100	100
57.00	26.70	18.48
58.00	51.70	32.19
43.00	24.80	28.34

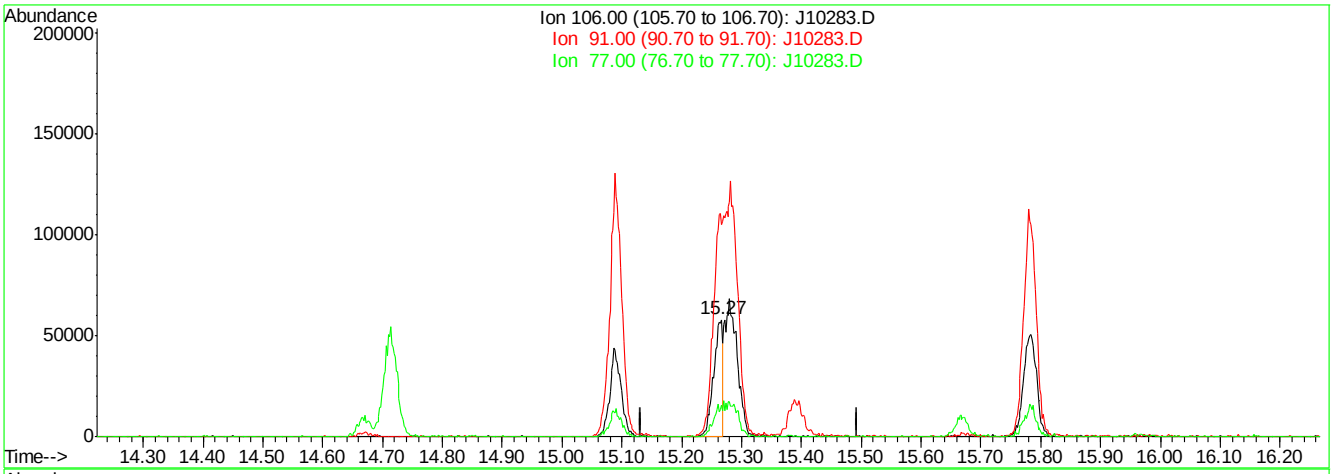
J10283.D J050907T.M Thu May 10 08:30:04 2007

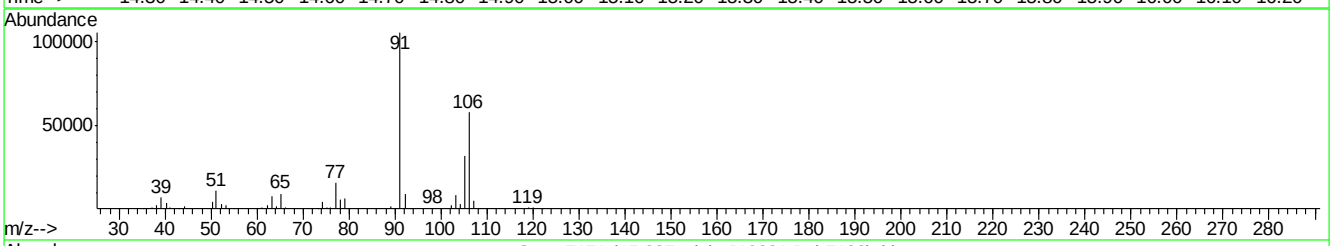
Quantitation Report (Qedit)

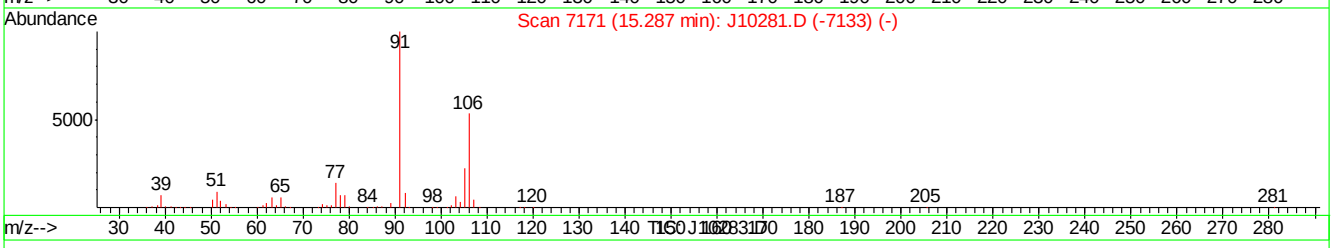
Data File : C:\MSDChem\1\data\J10283.D Vial: 3
Acq On : 9 May 2007 11:27 pm Operator: danat
Sample : IC533-2 (M079) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:28:50 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:28:13 2007
Response via : Multiple Level Calibration







(56) m,p-XYLENE (m)

15.27min 1.17PPBV

response 57465

Ion	Exp%	Act%
106.00	100	100
91.00	187.40	182.02
77.00	26.20	27.08
0.00	0.00	0.00

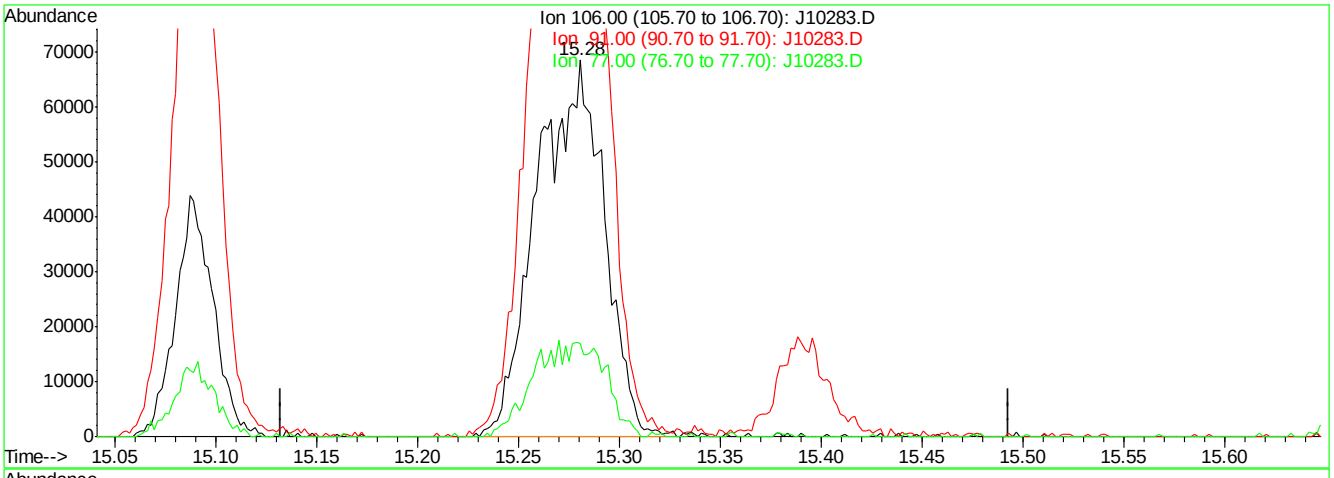
J10283.D J050907T.M Thu May 10 08:30:21 2007

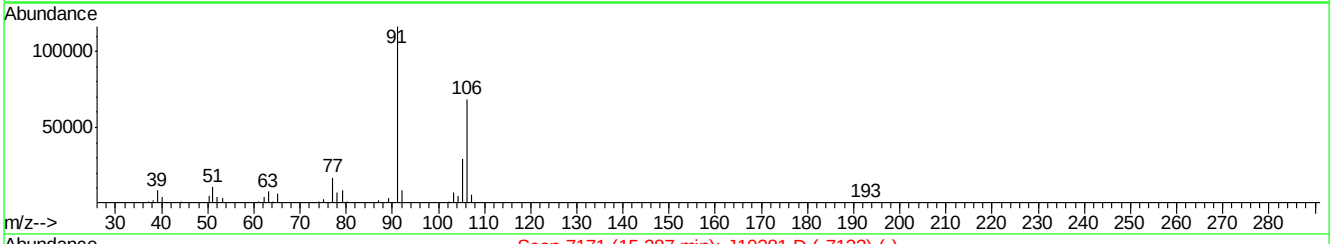
Quantitation Report (Qedit)

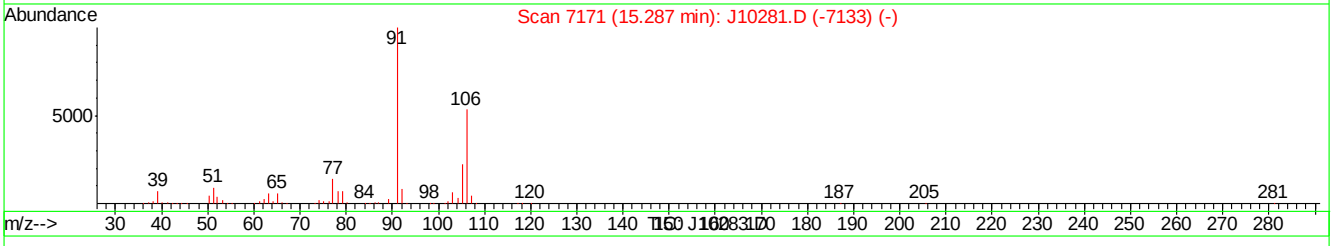
Data File : C:\MSDChem\1\data\J10283.D Vial: 3
Acq On : 9 May 2007 11:27 pm Operator: danat
Sample : IC533-2 (M079) Inst : MSJ
Misc : MS13434, MSJ533,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: May 10 08:28:50 2007 Results File: J050907T.RES

Method : C:\MSDCHEM\1\METHODS\J050907T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu May 10 08:28:13 2007
Response via : Multiple Level Calibration







(56) m,p-XYLENE (m)

15.28min 3.23PPBV m

response 158064

Ion	Exp%	Act%
106.00	100	100
91.00	187.40	169.79
77.00	26.20	24.82
0.00	0.00	0.00

J10283.D J050907T.M Thu May 10 08:30:26 2007

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10286.D
Acq On : 10 May 2007 10:33 am
Operator : danat
Sample : ICV533-10 (M054)
Misc : MS13434, MSJ533,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 10 11:10:20 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 11:09:51 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	413189	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1835396	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1640141	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	531829	5.53	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 110.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	1305850	8.99	PPBV	100
3) PROPYLENE	3.99	41	178641	10.76	PPBV #	87
4) FREON 114	4.32	85	1056037	8.62	PPBV	99
5) CHLOROMETHANE	4.23	50	247208	9.17	PPBV	97
6) VINYL CHLORIDE	4.45	62	301533	8.91	PPBV	100
7) 1,3-BUTADIENE	4.58	39	204602	10.02	PPBV	97
8) BROMOMETHANE	4.85	94	360144	8.79	PPBV	99
9) CHLOROETHANE	5.03	64	140741	10.21	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.79	101	1263256	8.54	PPBV	100
11) ISOPROPYL ALCOHOL	5.92	45	301406	9.67	PPBV	97
12) ACETONE	5.65	43	283156	7.72	PPBV	99
13) PENTANE	6.13	42	238500	9.59	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.43	96	321653	8.69	PPBV	96
15) CARBON DISULFIDE	6.85	76	924747	8.26	PPBV	99
16) ETHANOL	5.20	45	49752	10.19	PPBV	96
17) BROMOETHENE	5.38	106	346747	9.30	PPBV	100
18) METHYLENE CHLORIDE	6.54	84	285766	7.73	PPBV	97
19) 3-CHLOROPROPENE	6.66	39	219659	9.18	PPBV	96
20) FREON 113	6.79	151	717493	7.93	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	317265	8.82	PPBV	98
22) TERTIARY BUTYL ALCOHOL	6.52	59	409671	9.61	PPBV	99
23) METHYL TERTIARY BUTYL ETHE	7.73	73	534027	8.16	PPBV	98
24) TETRAHYDROFURAN	9.17	42	153701	8.55	PPBV	98
25) HEXANE	8.63	57	300535	7.52	PPBV	97
26) VINYL ACETATE	7.80	43	322349	8.07	PPBV	98
27) 1,1-DICHLOROETHANE	7.66	63	492394	8.46	PPBV	100
28) METHYL ETHYL KETONE	8.07	43	304589	8.22	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.46	96	285978	8.56	PPBV	97
30) ETHYL ACETATE	8.68	43	324353	7.81	PPBV	99
31) CHLOROFORM	8.74	83	712177	8.31	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.68	97	854284	8.59	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	1127397	8.62	PPBV	99
34) 1,2-DICHLOROETHANE	9.45	62	382396	8.09	PPBV	100
36) BENZENE	10.12	78	669804	8.55	PPBV	100
37) CYCLOHEXANE	10.37	84	353671	9.72	PPBV	99
38) TRICHLOROETHYLENE	11.12	95	389434	8.76	PPBV	97
39) 1,2-DICHLOROPROPANE	10.90	63	214272	8.13	PPBV	98
40) BROMODICHLOROMETHANE	11.08	83	655320	7.76	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	1187978	10.49	PPBV	98
42) 1,4-DIOXANE	11.16	88	122751	8.14	PPBV	95
43) HEPTANE	11.36	43	323287	9.70	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10286.D
Acq On : 10 May 2007 10:33 am
Operator : danat
Sample : ICV533-10 (M054)
Misc : MS13434, MSJ533,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 10 11:10:20 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 11:09:51 2007
Response via : Initial Calibration

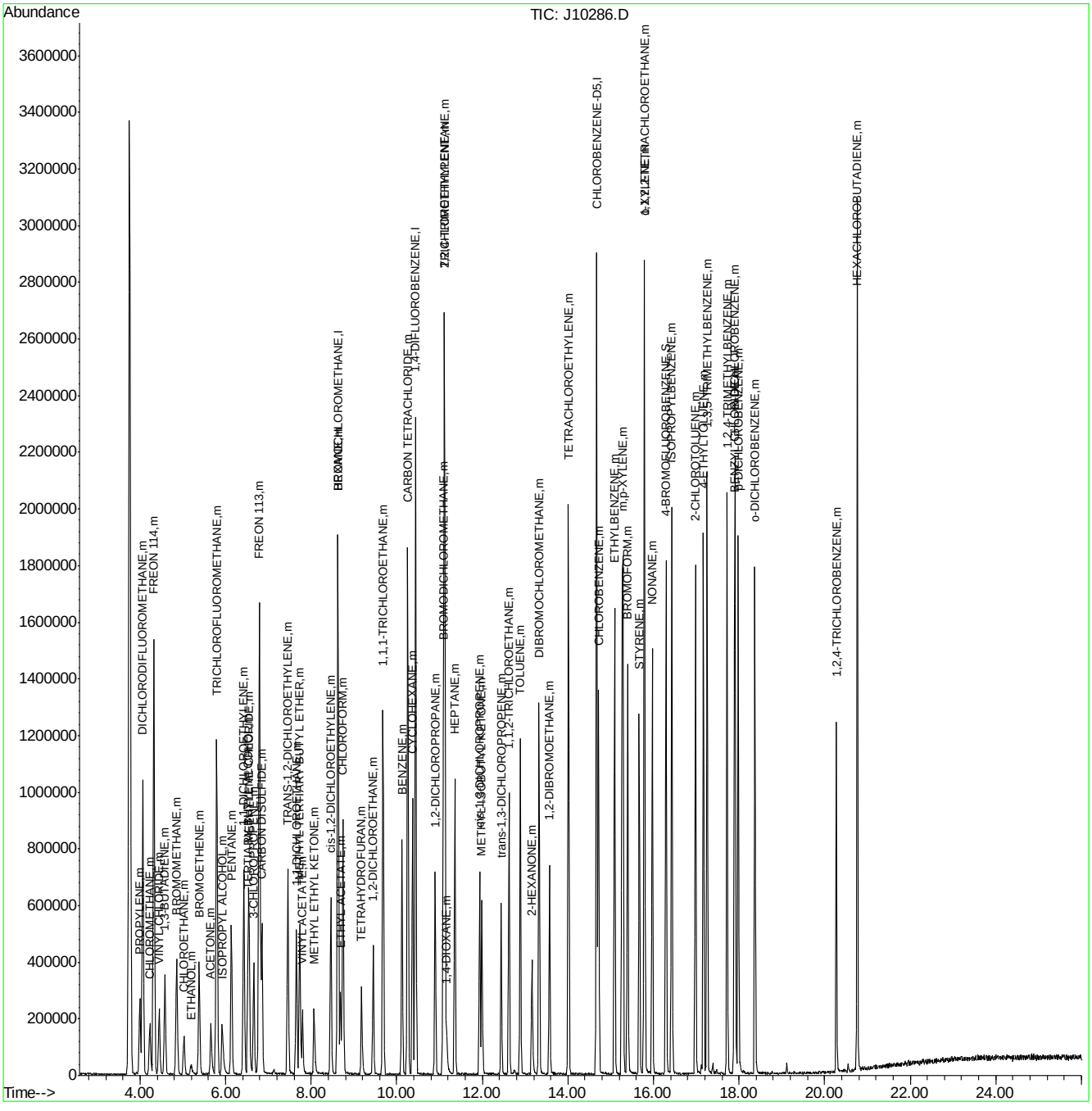
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.98	43	366654	8.87	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.94	75	349534	9.62	PPBV	98
46) TOLUENE	12.89	92	462783	9.02	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.44	75	290402	7.07	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.62	83	240426	8.02	PPBV	99
50) 2-HEXANONE	13.15	43	285755	7.38	PPBV	98
51) TETRACHLOROETHYLENE	14.01	164	445675	8.05	PPBV	99
52) DIBROMOCHLOROMETHANE	13.33	129	679264	7.62	PPBV	100
53) 1,2-DIBROMOETHANE	13.57	107	465149	8.46	PPBV	99
54) CHLOROBENZENE	14.71	112	714978	8.20	PPBV	98
55) ETHYLBENZENE	15.09	91	1072352	9.61	PPBV	99
56) m,p-XYLENE	15.28	106	907029	15.87	PPBV	100
57) o-XYLENE	15.78	106	461835	7.99	PPBV	100
58) STYRENE	15.67	104	610702	8.04	PPBV	100
59) NONANE	15.97	43	458405	9.71	PPBV	99
60) BROMOFORM	15.40	173	731566	8.07	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	671390	8.73	PPBV	100
63) ISOPROPYLBENZENE	16.43	105	1349019	9.29	PPBV	99
64) 2-CHLOROTOLUENE	16.98	91	917142	9.59	PPBV	99
65) 4-ETHYLTOLUENE	17.17	105	1113566	7.77	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	1099713	9.63	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	998081	8.26	PPBV	99
68) m-DICHLOROBENZENE	17.91	146	797605	9.78	PPBV	99
69) BENZYL CHLORIDE	17.89	91	637252	9.90	PPBV	100
70) p-DICHLOROBENZENE	17.98	146	749201	10.05	PPBV	98
71) o-DICHLOROBENZENE	18.37	146	706204	9.72	PPBV	100
72) HEXACHLOROBUTADIENE	20.76	225	520415	11.87	PPBV	100
73) 1,2,4-TRICHLOROBENZENE	20.27	180	330262	13.97	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10286.D
Acq On : 10 May 2007 10:33 am
Operator : danat
Sample : ICV533-10 (M054)
Misc : MS13434, MSJ533,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 10 11:10:20 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 11:09:51 2007
Response via : Initial Calibration



ACCUTEST Laboratories M64701

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10313.D
Acq On : 11 May 2007 11:23 am
Operator : danat
Sample : CC533-10 (M054)
Misc : MS13540, MSJ534,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 11 11:49:52 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 11:09:51 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	280695	10.00	PPBV	0.01
35) 1,4-DIFLUOROBENZENE	10.44	114	1314316	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1205401	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.29	95	384495	5.44	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 108.80%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.08	85	937931	9.51	PPBV	99
3) PROPYLENE	4.00	41	116643	10.35	PPBV	95
4) FREON 114	4.33	85	763957	9.18	PPBV	97
5) CHLOROMETHANE	4.23	50	164817	9.00	PPBV	97
6) VINYL CHLORIDE	4.46	62	207304	9.02	PPBV	98
7) 1,3-BUTADIENE	4.59	39	140348	10.12	PPBV	100
8) BROMOMETHANE	4.86	94	263681	9.47	PPBV	99
9) CHLOROETHANE	5.03	64	102647	10.96	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.80	101	949828	9.46	PPBV	99
11) ISOPROPYL ALCOHOL	5.94	45	202761	9.57	PPBV	92
12) ACETONE	5.66	43	204658	8.20	PPBV	99
13) PENTANE	6.14	42	163382	9.67	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.43	96	240053	9.55	PPBV	98
15) CARBON DISULFIDE	6.85	76	669217	8.80	PPBV	100
16) ETHANOL	5.22	45	31146	9.39	PPBV	92
17) BROMOETHENE	5.39	106	265263	10.47	PPBV	100
18) METHYLENE CHLORIDE	6.55	84	213522	8.60	PPBV	96
19) 3-CHLOROPROPENE	6.66	39	155383	9.56	PPBV	95
20) FREON 113	6.79	151	564443	9.18	PPBV	98
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	233092	9.54	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.53	59	279918	9.66	PPBV	96
23) METHYL TERTIARY BUTYL ETHE	7.74	73	402117	9.04	PPBV	99
24) TETRAHYDROFURAN	9.18	42	113072	9.26	PPBV	99
25) HEXANE	8.64	57	212460	7.83	PPBV	99
26) VINYL ACETATE	7.80	43	226074	8.33	PPBV	99
27) 1,1-DICHLOROETHANE	7.66	63	354371	8.96	PPBV	99
28) METHYL ETHYL KETONE	8.07	43	220006	8.74	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.47	96	211355	9.31	PPBV	99
30) ETHYL ACETATE	8.69	43	237482	8.42	PPBV	99
31) CHLOROFORM	8.75	83	530392	9.11	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.68	97	658975	9.75	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	888034	9.99	PPBV	100
34) 1,2-DICHLOROETHANE	9.46	62	284427	8.86	PPBV	100
36) BENZENE	10.13	78	507552	9.05	PPBV	99
37) CYCLOHEXANE	10.37	84	274178	10.52	PPBV	99
38) TRICHLOROETHYLENE	11.12	95	296489	9.32	PPBV	99
39) 1,2-DICHLOROPROPANE	10.90	63	162221	8.59	PPBV	97
40) BROMODICHLOROMETHANE	11.09	83	502766	8.31	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	890264	10.97	PPBV	99
42) 1,4-DIOXANE	11.18	88	92337	8.47	PPBV	92
43) HEPTANE	11.36	43	240767	10.09	PPBV	97

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10313.D
Acq On : 11 May 2007 11:23 am
Operator : danat
Sample : CC533-10 (M054)
Misc : MS13540, MSJ534,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 11 11:49:52 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 11:09:51 2007
Response via : Initial Calibration

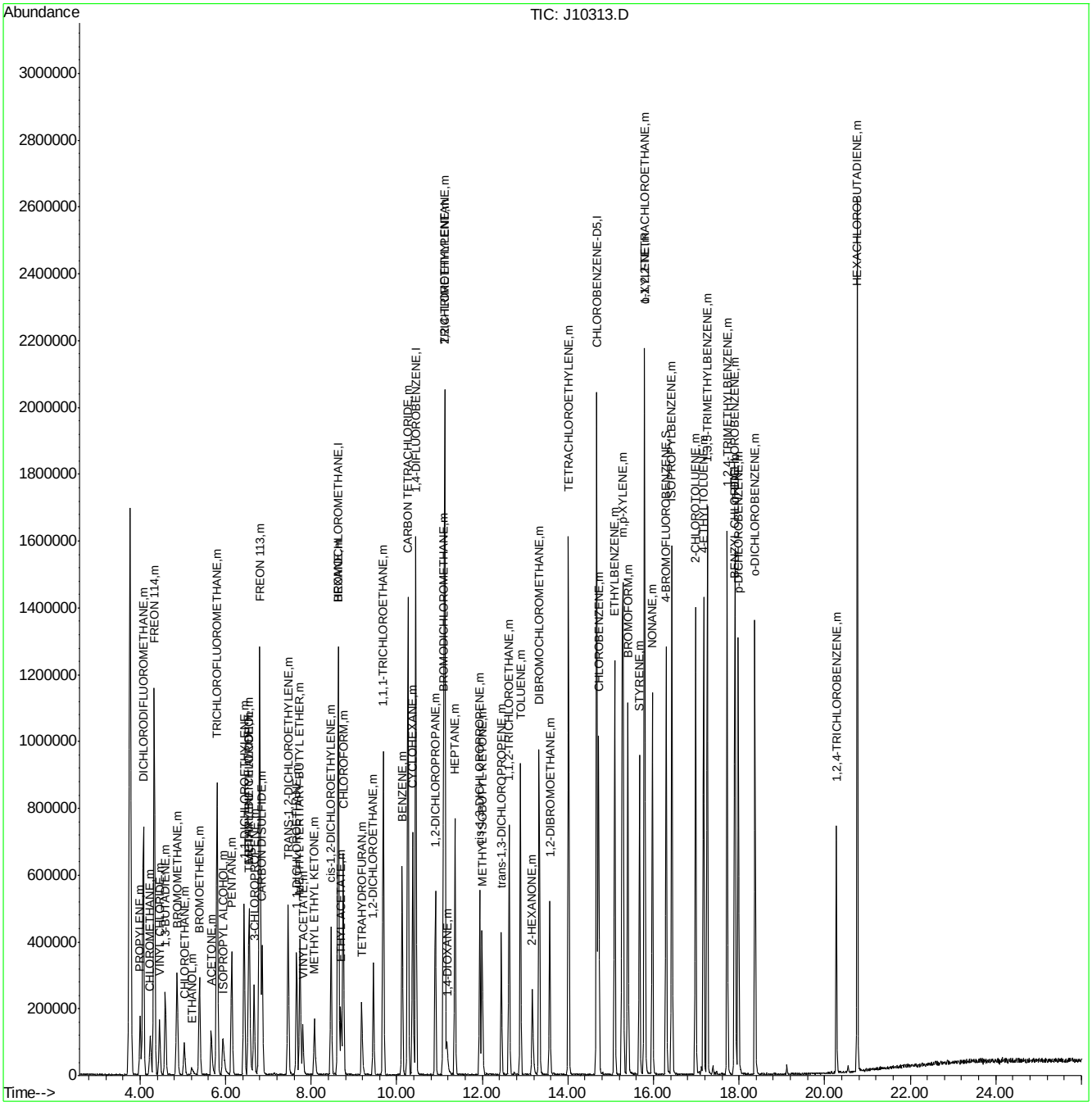
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.99	43	277193	9.36	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.94	75	265967	10.22	PPBV	99
46) TOLUENE	12.89	92	366250	9.97	PPBV	97
47) trans-1,3-DICHLOROPROPENE	12.44	75	207422	7.06	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.62	83	191188	8.90	PPBV	98
50) 2-HEXANONE	13.16	43	209740	7.37	PPBV	100
51) TETRACHLOROETHYLENE	14.01	164	356612	8.76	PPBV	99
52) DIBROMOCHLOROMETHANE	13.33	129	553676	8.45	PPBV	98
53) 1,2-DIBROMOETHANE	13.57	107	351820	8.71	PPBV	97
54) CHLOROBENZENE	14.72	112	571592	8.92	PPBV	98
55) ETHYLBENZENE	15.09	91	856234	10.44	PPBV	99
56) m,p-XYLENE	15.29	106	737814	17.38	PPBV	96
57) o-XYLENE	15.79	106	383149	8.90	PPBV	99
58) STYRENE	15.67	104	464271	8.26	PPBV	99
59) NONANE	15.97	43	347180	10.00	PPBV	98
60) BROMOFORM	15.40	173	590175	8.86	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	530898	9.39	PPBV	99
63) ISOPROPYLBENZENE	16.43	105	1102272	10.33	PPBV	100
64) 2-CHLOROTOLUENE	16.98	91	740920	10.55	PPBV	99
65) 4-ETHYLTOLUENE	17.17	105	883755	8.27	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	893429	10.65	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	802137	8.86	PPBV	98
68) m-DICHLOROBENZENE	17.91	146	599127	10.00	PPBV	97
69) BENZYL CHLORIDE	17.89	91	433275	9.27	PPBV	100
70) p-DICHLOROBENZENE	17.98	146	538135	9.82	PPBV	99
71) o-DICHLOROBENZENE	18.37	146	547799	10.26	PPBV	100
72) HEXACHLOROBUTADIENE	20.76	225	452593	13.85	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.28	180	202628	11.66	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10313.D
Acq On : 11 May 2007 11:23 am
Operator : danat
Sample : CC533-10 (M054)
Misc : MS13540, MSJ534,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 11 11:49:52 2007
Quant Method : C:\MSDCHEM\1\METHODS\J050907T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu May 10 11:09:51 2007
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/16/07 18:03

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3387.D
Acq On : 15 May 2007 5:12 pm
Operator : PhilipB
Sample : IC185-2 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 15 17:38:39 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 16:13:49 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.422	128	122843	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.343	114	613891	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.694	117	545288	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.332	95	217174	4.82	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 96.40%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.593	85	208384	2.32	PPBV	86
3) PROPYLENE	3.520	41	62735	2.50	PPBV	86
4) FREON 114	3.858	85	208312	2.42	PPBV #	100
5) CHLOROMETHANE	3.760	50	82021	2.52	PPBV	92
6) VINYL CHLORIDE	3.982	62	72469	2.53	PPBV	73
7) 1,3-BUTADIENE	4.120	39	61434	2.52	PPBV #	100
8) BROMOMETHANE	4.399	94	67244	2.45	PPBV #	100
9) CHLOROETHANE	4.571	64	31098	2.54	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.389	101	214239	2.41	PPBV #	100
11) ISOPROPYL ALCOHOL	5.442	45	105526	2.66	PPBV	91
12) ACETONE	5.190	43	104671	2.68	PPBV #	71
13) PENTANE	5.765	42	56825	2.86	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.065	96	57066	2.37	PPBV #	22
15) CARBON DISULFIDE	6.525	76	139381	2.35	PPBV	67
16) ETHANOL	4.669	45	24015	2.71	PPBV #	100
17) BROMOETHENE	4.940	106	67917	2.41	PPBV #	100
18) METHYLENE CHLORIDE	6.191	84	63785	3.26	PPBV #	1
19) 3-CHLOROPROPENE	6.316	39	44837	2.49	PPBV #	1
20) FREON 113	6.468	151	109797	2.11	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.182	96	52419	2.17	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.090	59	118964	2.72	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.444	73	115051	2.10	PPBV #	100
24) TETRAHYDROFURAN	8.956	42	88300	2.60	PPBV #	100
25) HEXANE	8.458	57	89941	2.55	PPBV #	100
26) VINYL ACETATE	7.530	43	194754	4.24	PPBV	89
27) 1,1-DICHLOROETHANE	7.386	63	113481	2.70	PPBV #	100
28) METHYL ETHYL KETONE	7.792	43	168665	2.67	PPBV	87
29) cis-1,2-DICHLOROETHYLENE	8.248	96	45711	2.18	PPBV #	100
30) ETHYL ACETATE	8.460	43	270261	2.73	PPBV	100
31) CHLOROFORM	8.548	83	124604	2.32	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.549	97	121879	2.08	PPBV	90
33) CARBON TETRACHLORIDE	10.160	117	128126	1.94	PPBV	94
34) 1,2-DICHLOROETHANE	9.297	62	99543	2.20	PPBV	100
36) BENZENE	10.009	78	141084	2.17	PPBV	89
37) CYCLOHEXANE	10.282	84	49118	2.06	PPBV #	31
38) TRICHLOROETHYLENE	11.047	95	72286	1.91	PPBV #	82
39) 1,2-DICHLOROPROPANE	10.822	63	68885	2.16	PPBV #	58
40) BROMODICHLOROMETHANE	11.008	83	120366	1.90	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.070	57	328884	2.21	PPBV #	92
42) 1,4-DIOXANE	11.044	88	25019	1.88	PPBV #	5
43) HEPTANE	11.322	43	140755	2.25	PPBV #	75

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3387.D
Acq On : 15 May 2007 5:12 pm
Operator : PhilipB
Sample : IC185-2 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 15 17:38:39 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 16:13:49 2007
Response via : Initial Calibration

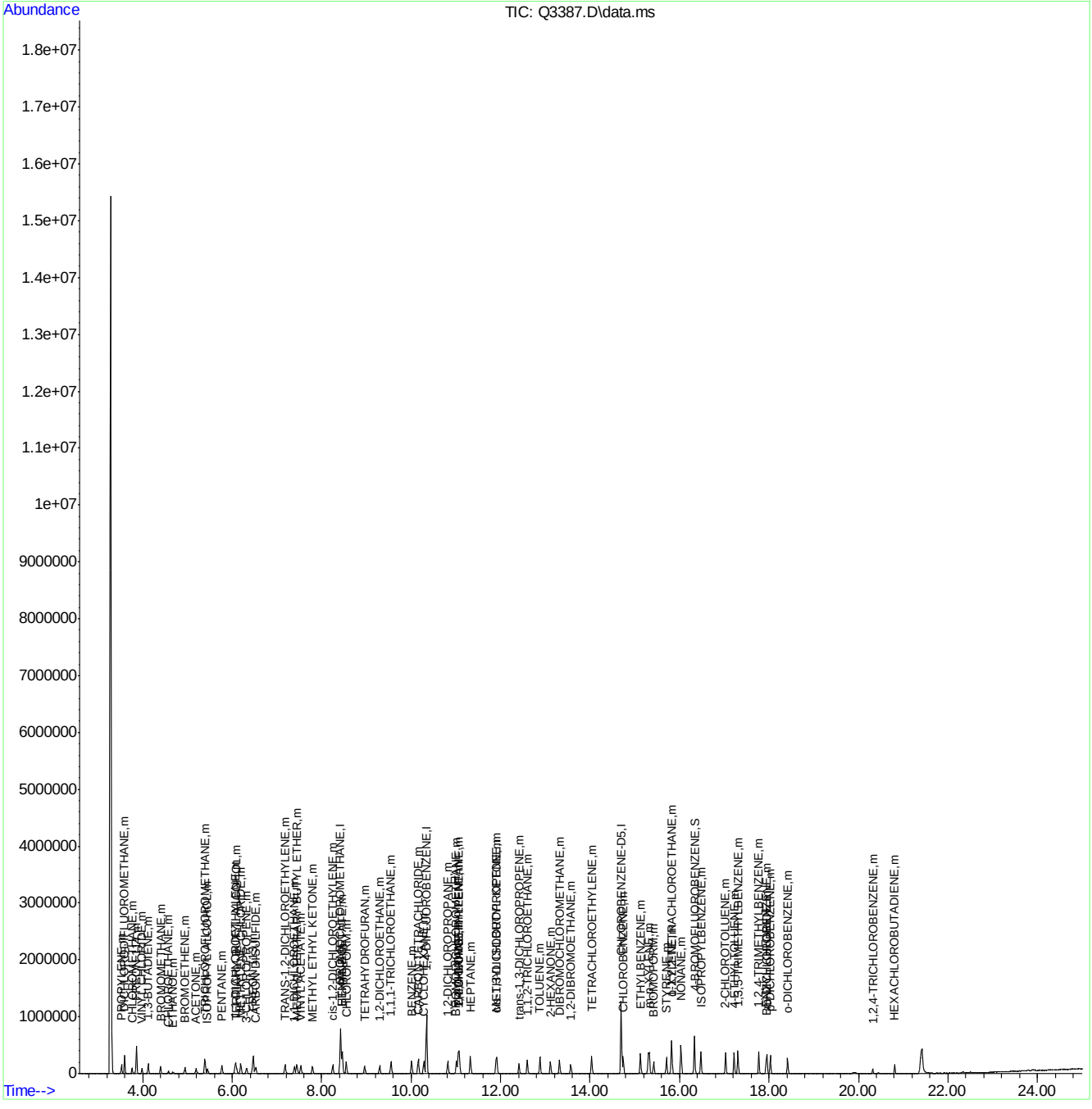
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.915	43	190844	2.13	PPBV	93
45) cis-1,3-DICHLOROPROPENE	11.897	75	86189	1.87	PPBV	99
46) TOLUENE	12.882	92	94014	1.91	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.412	75	73578	1.75	PPBV #	99
48) 1,1,2-TRICHLOROETHANE	12.597	83	56902	2.05	PPBV	91
50) 2-HEXANONE	13.113	43	156095	1.97	PPBV	96
51) TETRACHLOROETHYLENE	14.036	164	46283	1.55	PPBV #	80
52) DIBROMOCHLOROMETHANE	13.313	129	106166	1.66	PPBV	99
53) 1,2-DIBROMOETHANE	13.566	107	98508	1.81	PPBV	99
54) CHLOROBENZENE	14.740	112	125797	1.86	PPBV	90
55) ETHYLBENZENE	15.126	91	218178	1.85	PPBV	94
56) m,p-XYLENE	15.321	106	150900m	3.48	PPBV	
57) o-XYLENE	15.827	106	74275	1.68	PPBV	90
58) STYRENE	15.708	104	104058	1.66	PPBV	98
59) NONANE	16.034	43	217176	2.23	PPBV	82
60) BROMOFORM	15.418	173	76195	1.38	PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.819	83	131599	1.80	PPBV	95
63) ISOPROPYLBENZENE	16.478	105	220668	1.73	PPBV	96
64) 2-CHLOROTOLUENE	17.030	91	171650	1.73	PPBV	92
65) 4-ETHYLTOLUENE	17.222	105	191946	1.63	PPBV	92
66) 1,3,5-TRIMETHYLBENZENE	17.303	105	177757	1.63	PPBV	93
67) 1,2,4-TRIMETHYLBENZENE	17.770	105	164475	1.52	PPBV	92
68) m-DICHLOROBENZENE	17.955	146	90859	1.37	PPBV	94
69) BENZYL CHLORIDE	17.931	91	108545	1.29	PPBV	92
70) p-DICHLOROBENZENE	18.029	146	89910	1.41	PPBV	93
71) o-DICHLOROBENZENE	18.416	146	74132	1.29	PPBV	93
72) HEXACHLOROBUTADIENE	20.808	225	13993	1.10	PPBV	97
73) 1,2,4-TRICHLOROBENZENE	20.322	180	14039	1.75	PPBV	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3387.D
Acq On : 15 May 2007 5:12 pm
Operator : PhilipB
Sample : IC185-2 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

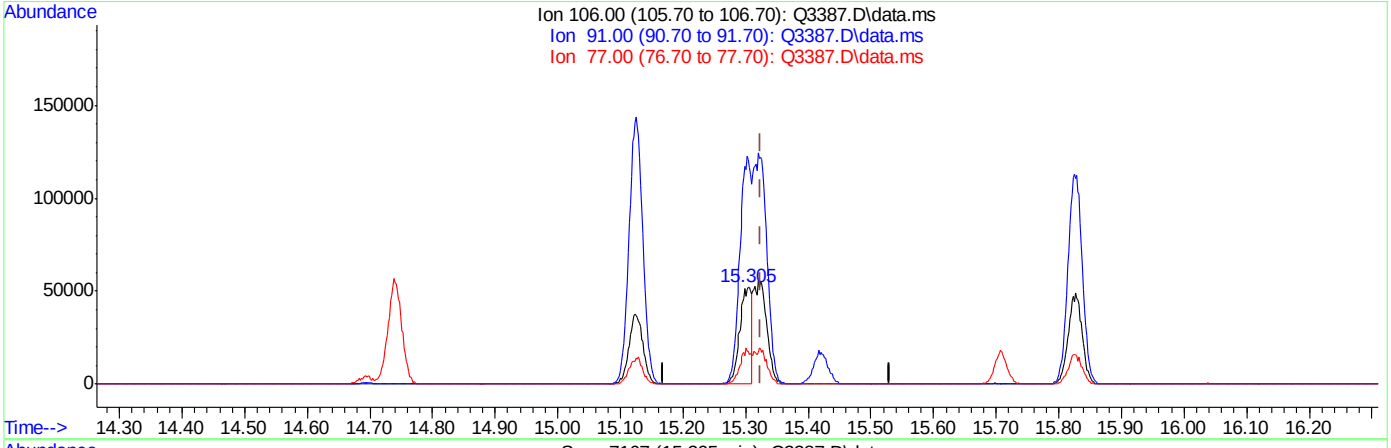
Quant Time: May 15 17:38:39 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 16:13:49 2007
Response via : Initial Calibration

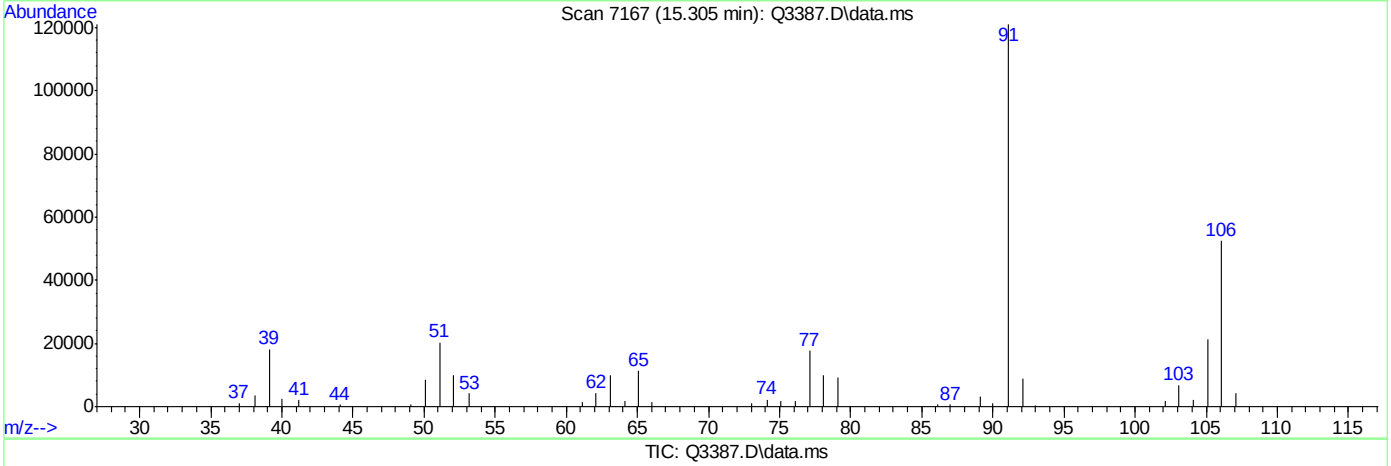


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3387.D
Acq On : 15 May 2007 5:12 pm
Operator : PhilipB
Sample : IC185-2 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 15 17:38:09 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 16:13:49 2007
Response via : Initial Calibration





TIC: Q3387.D\data.ms

(56) m,p-XYLENE (m)

15.305min (-0.019) 1.61PPBV

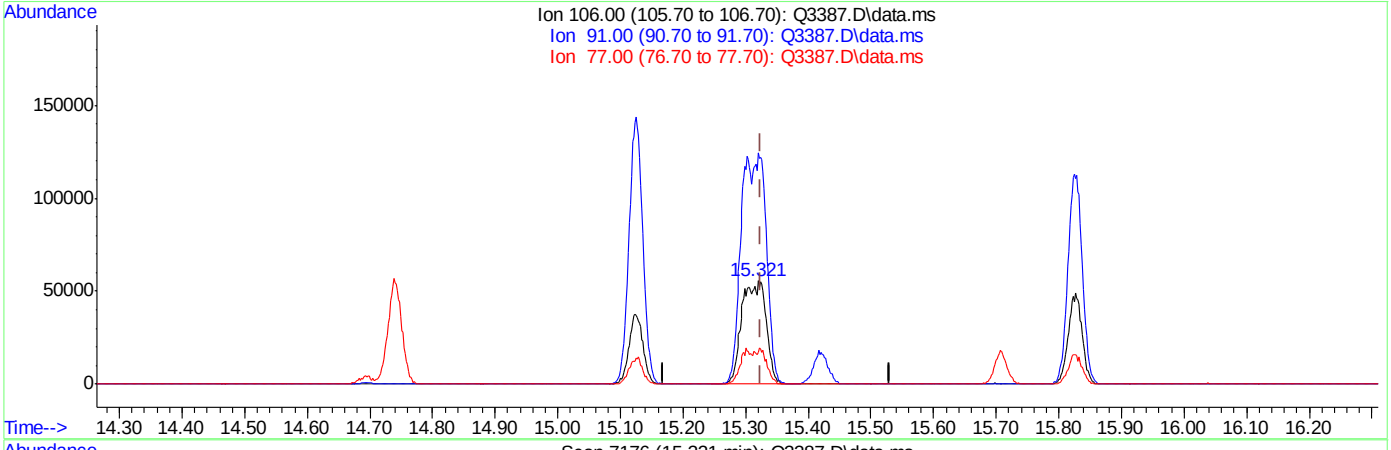
response 69695

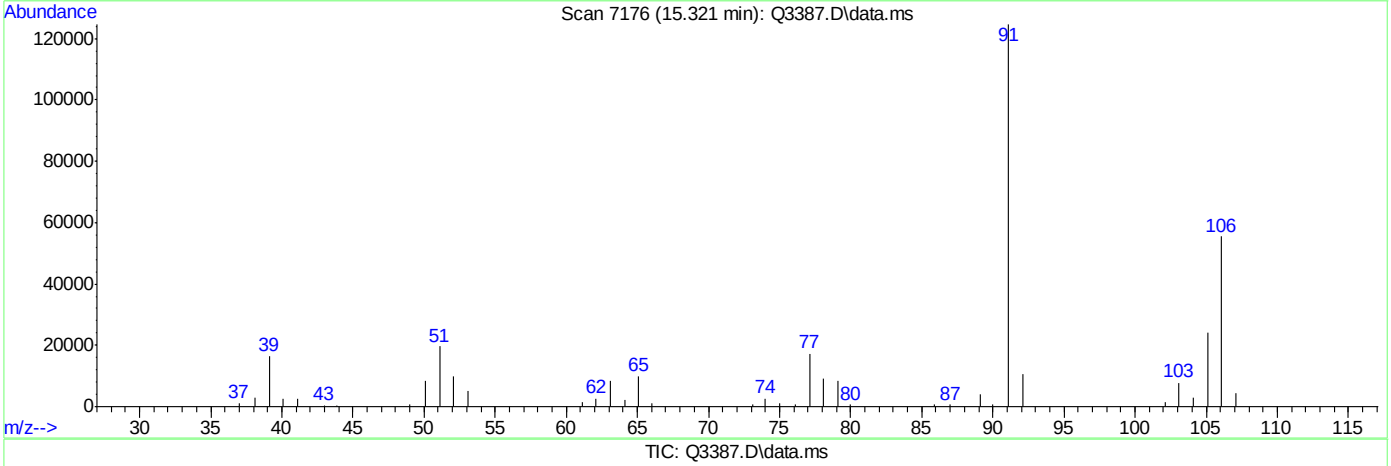
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	231.05
77.00	30.60	33.87
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3387.D
Acq On : 15 May 2007 5:12 pm
Operator : PhilipB
Sample : IC185-2 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 15 17:38:09 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 16:13:49 2007
Response via : Initial Calibration





TIC: Q3387.D\data.ms

(56) m,p-XYLENE (m)

15.321min (-0.004) 3.48PPBV m

response 150900

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	224.73
77.00	30.60	31.22
0.00	0.00	0.00

ACCUTEST Laboratories M64701

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/16/07 18:03

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 19:01:14 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.419	128	89822	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.342	114	448955	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.694	117	361598	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.332	95	152465	5.13	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 102.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.593	85	13893	0.21	PPBV	84
3) PROPYLENE	3.522	41	5278	0.26	PPBV #	77
4) FREON 114	3.857	85	13394	0.21	PPBV #	100
5) CHLOROMETHANE	3.760	50	5951	0.23	PPBV	78
6) VINYL CHLORIDE	3.985	62	4878	0.22	PPBV	74
7) 1,3-BUTADIENE	4.118	39	5931	0.31	PPBV #	100
8) BROMOMETHANE	4.399	94	3705	0.18	PPBV #	100
9) CHLOROETHANE	4.569	64	1930m	0.20	PPBV	
10) TRICHLOROFLUOROMETHANE	5.385	101	15250	0.23	PPBV #	100
11) ISOPROPYL ALCOHOL	5.449	45	15779	0.45	PPBV	93
12) ACETONE	5.192	43	15719	0.46	PPBV #	77
13) PENTANE	5.767	42	5780	0.35	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.074	96	3740	0.20	PPBV #	12
15) CARBON DISULFIDE	6.520	76	9661	0.22	PPBV #	30
16) ETHANOL	4.677	45	4543	0.53	PPBV	100
17) BROMOETHENE	4.935	106	3981	0.19	PPBV #	100
18) METHYLENE CHLORIDE	6.189	84	7955	0.40	PPBV #	1
19) 3-CHLOROPROPENE	6.312	39	4493	0.31	PPBV #	1
20) FREON 113	6.465	151	8059	0.21	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.178	96	3704	0.21	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.104	59	9432	0.27	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.451	73	9104	0.23	PPBV	100
24) TETRAHYDROFURAN	8.979	42	5208	0.20	PPBV	100
25) HEXANE	8.463	57	6272	0.23	PPBV #	100
26) VINYL ACETATE	7.531	43	9146	0.22	PPBV	75
27) 1,1-DICHLOROETHANE	7.396	63	7472	0.23	PPBV #	100
28) METHYL ETHYL KETONE	7.799	43	12311	0.24	PPBV	76
29) cis-1,2-DICHLOROETHYLENE	8.245	96	2293	0.15	PPBV #	100
30) ETHYL ACETATE	8.466	43	18708	0.24	PPBV #	100
31) CHLOROFORM	8.543	83	8897	0.22	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.549	97	7764m	0.19	PPBV	
33) CARBON TETRACHLORIDE	10.152	117	8027	0.18	PPBV	92
34) 1,2-DICHLOROETHANE	9.299	62	6574	0.20	PPBV #	98
36) BENZENE	10.011	78	8420	0.18	PPBV	97
37) CYCLOHEXANE	10.275	84	2220	0.14	PPBV #	19
38) TRICHLOROETHYLENE	11.051	95	3516	0.14	PPBV #	75
39) 1,2-DICHLOROPROPANE	10.813	63	3945	0.17	PPBV #	52
40) BROMODICHLOROMETHANE	11.013	83	7185	0.17	PPBV	93
41) 2,2,4-TRIMETHYLPENTANE	11.068	57	17081	0.16	PPBV #	94
42) 1,4-DIOXANE	11.056	88	1587	0.17	PPBV #	1
43) HEPTANE	11.324	43	6671	0.15	PPBV #	66

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 19:01:14 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration

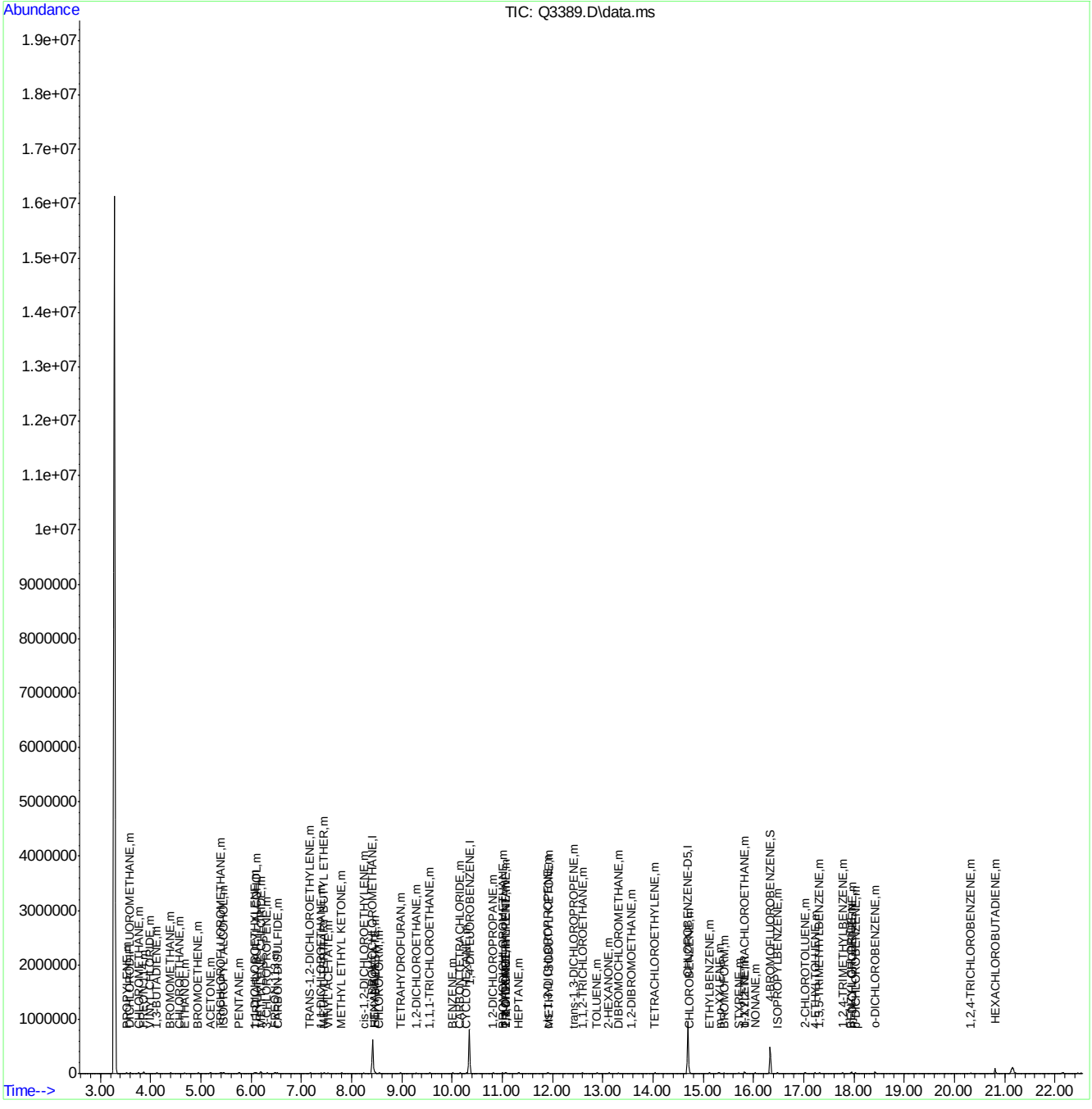
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.920	43	9555	0.15	PPBV		84
45) cis-1,3-DICHLOROPROPENE	11.895	75	4173	0.14	PPBV		93
46) TOLUENE	12.884	92	4089	0.12	PPBV	#	81
47) trans-1,3-DICHLOROPROPENE	12.412	75	2997	0.11	PPBV	#	80
48) 1,1,2-TRICHLOROETHANE	12.593	83	3083	0.16	PPBV		90
50) 2-HEXANONE	13.118	43	10136	0.19	PPBV	#	83
51) TETRACHLOROETHYLENE	14.029	164	1868	0.11	PPBV	#	55
52) DIBROMOCHLOROMETHANE	13.315	129	5272	0.14	PPBV		96
53) 1,2-DIBROMOETHANE	13.567	107	4975	0.15	PPBV	#	90
54) CHLOROBENZENE	14.737	112	6120	0.15	PPBV		85
55) ETHYLBENZENE	15.131	91	9941	0.14	PPBV		83
56) m,p-XYLENE	15.324	106	6463m	0.25	PPBV		
57) o-XYLENE	15.825	106	3584	0.14	PPBV		89
58) STYRENE	15.706	104	3255	0.09	PPBV		98
59) NONANE	16.032	43	11082	0.17	PPBV	#	72
60) BROMOFORM	15.425	173	3903	0.13	PPBV	#	72
62) 1,1,2,2-TETRACHLOROETHANE	15.818	83	9968	0.21	PPBV		92
63) ISOPROPYLBENZENE	16.476	105	11414	0.15	PPBV		91
64) 2-CHLOROTOLUENE	17.028	91	9634	0.16	PPBV		89
65) 4-ETHYLTOLUENE	17.218	105	9884m	0.14	PPBV		
66) 1,3,5-TRIMETHYLBENZENE	17.307	105	11175	0.17	PPBV		91
67) 1,2,4-TRIMETHYLBENZENE	17.772	105	10547	0.16	PPBV		90
68) m-DICHLOROBENZENE	17.956	146	6379	0.17	PPBV		94
69) BENZYL CHLORIDE	17.931	91	7819	0.16	PPBV		87
70) p-DICHLOROBENZENE	18.031	146	4813	0.13	PPBV		89
71) o-DICHLOROBENZENE	18.414	146	7856	0.23	PPBV		91
72) HEXACHLOROBUTADIENE	20.806	225	7693	0.62	PPBV		96
73) 1,2,4-TRICHLOROBENZENE	20.317	180	2282	0.37	PPBV		85

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

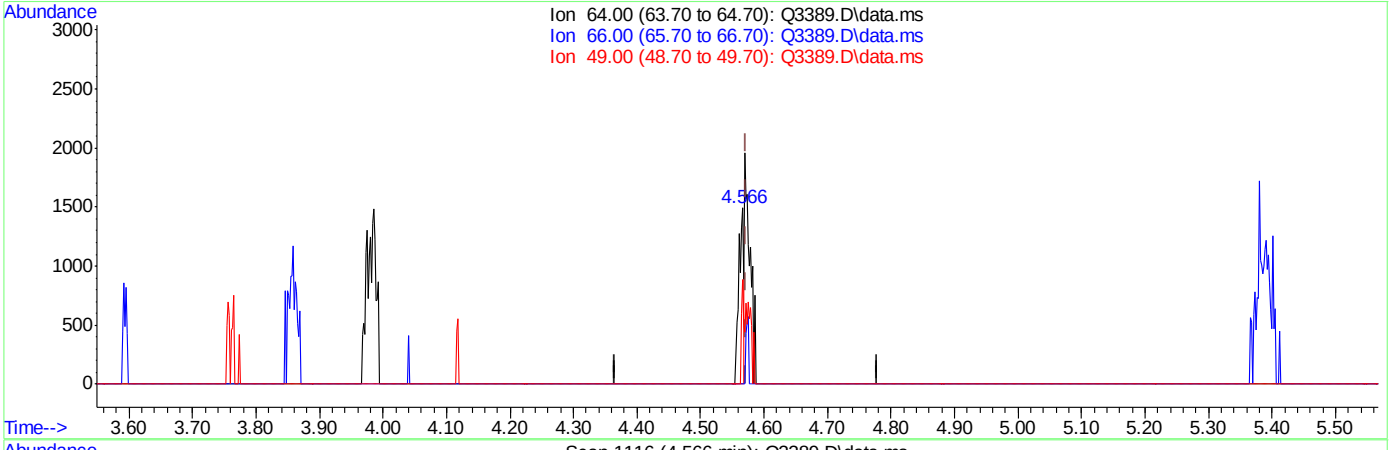
Quant Time: May 15 19:01:14 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration

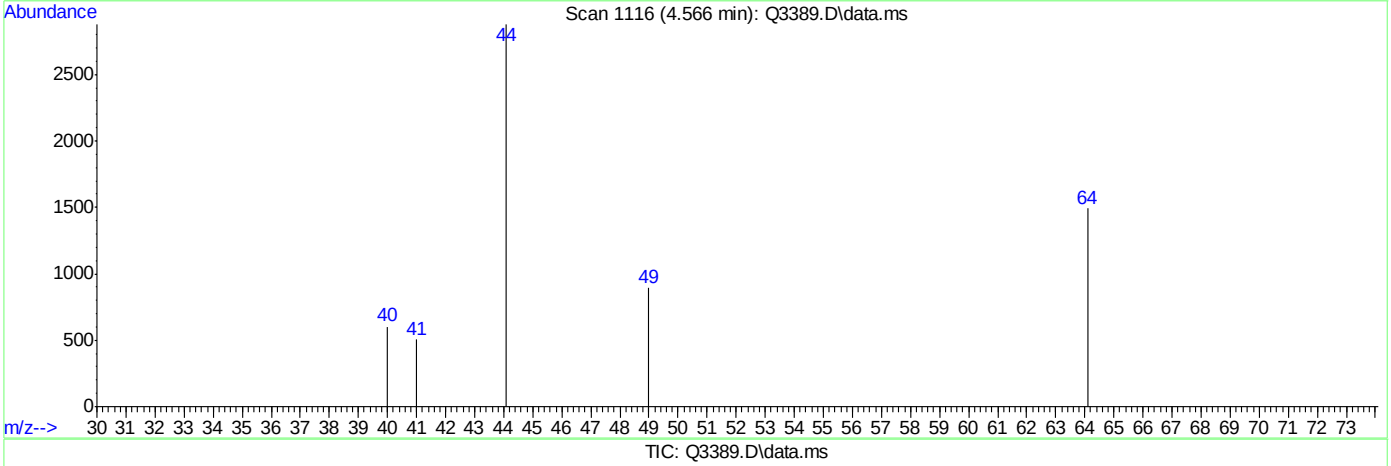


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 19:00:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration





TIC: Q3389.D\data.ms

(9) CHLOROETHANE (m)

4.566min (-0.007) 0.08PPBV

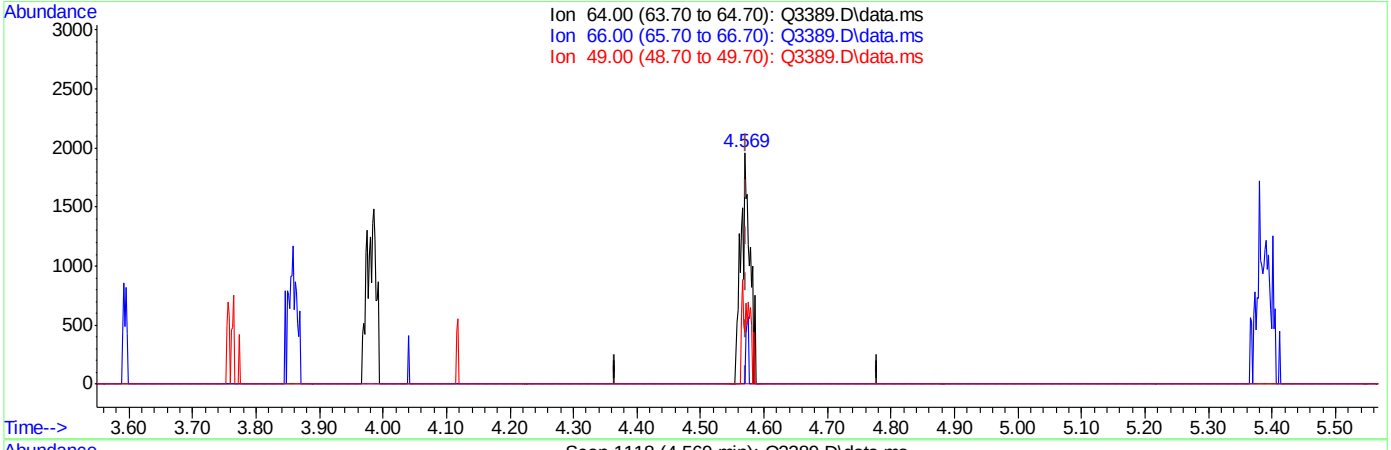
response 754

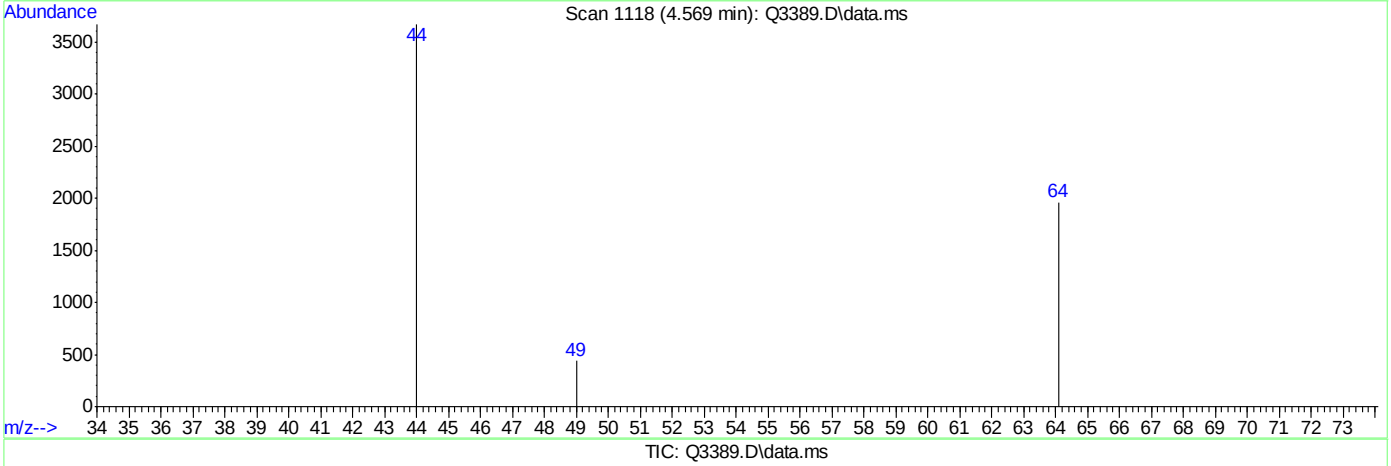
Ion	Exp%	Act%
64.00	100	100
66.00	0.00	21.49#
49.00	0.00	91.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 19:00:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration





TIC: Q3389.D\data.ms

(9) CHLOROETHANE (m)

4.569min (-0.004) 0.20PPBV m

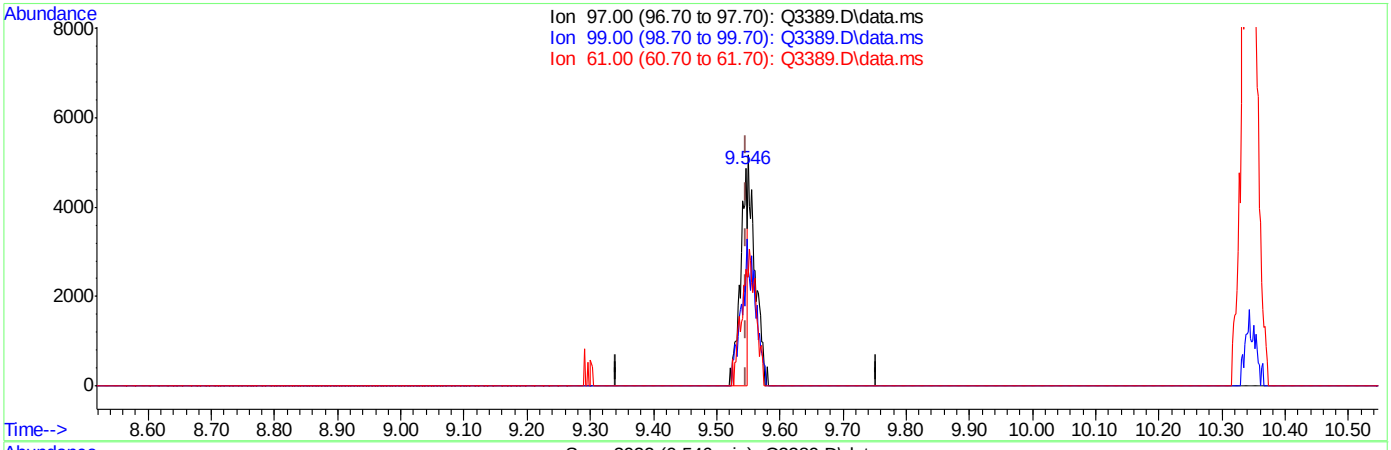
response 1930

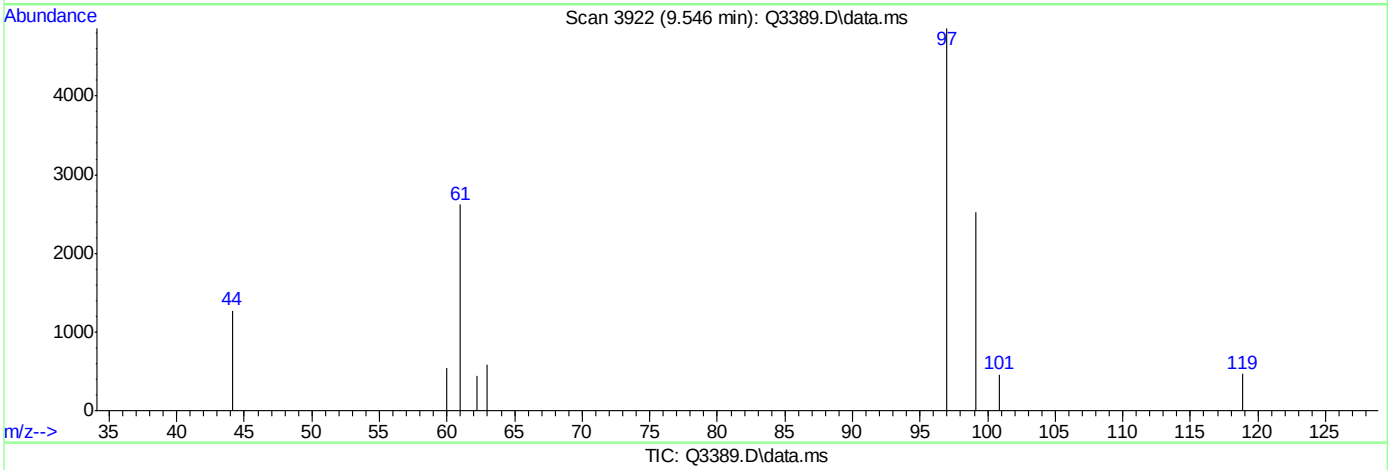
Ion	Exp%	Act%
64.00	100	100
66.00	0.00	8.39
49.00	0.00	35.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 19:00:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration





TIC: Q3389.D\data.ms

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

9.546min (-0.002) 0.09PPBV

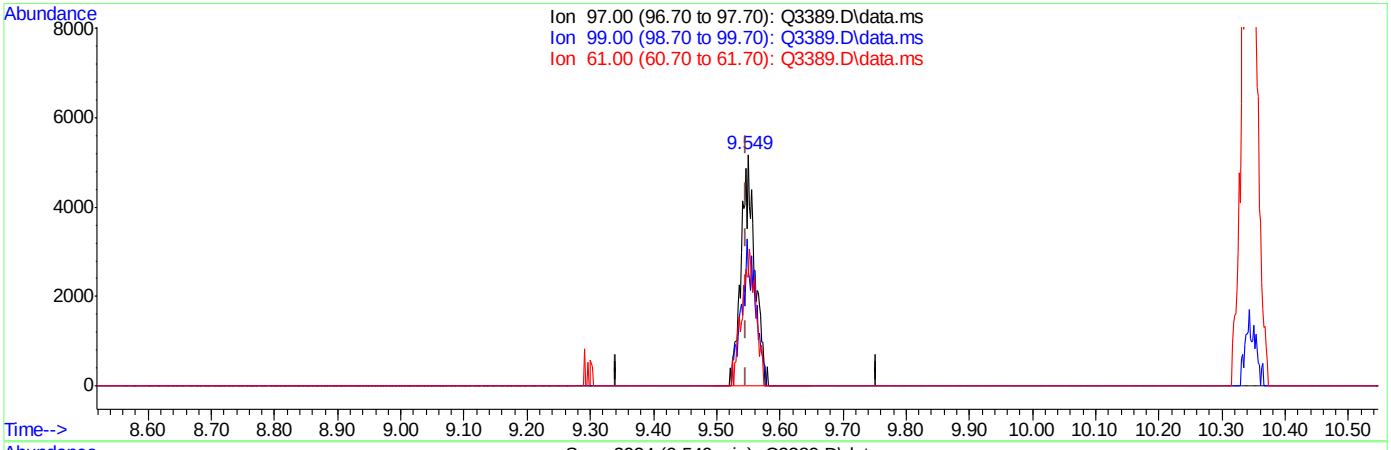
response 3655

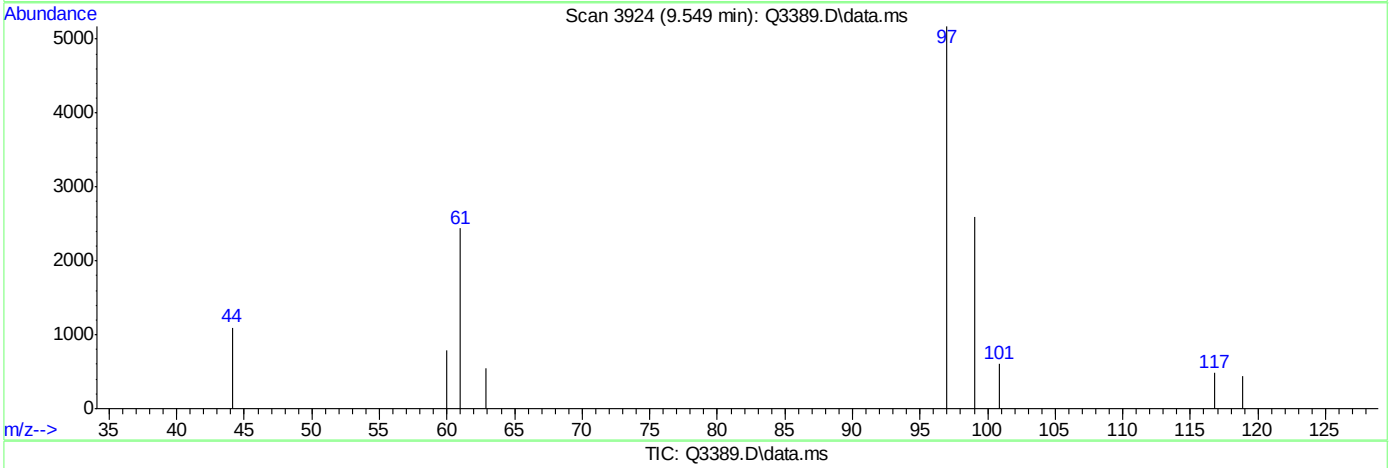
Ion	Exp%	Act%
97.00	100	100
99.00	63.00	135.62#
61.00	38.00	128.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 19:00:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration





TIC: Q3389.D\data.ms

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

9.549min (+0.002) 0.19PPBV m

response 7764

Ion	Exp%	Act%
97.00	100	100
99.00	63.00	63.85
61.00	38.00	60.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 19:00:24 2007
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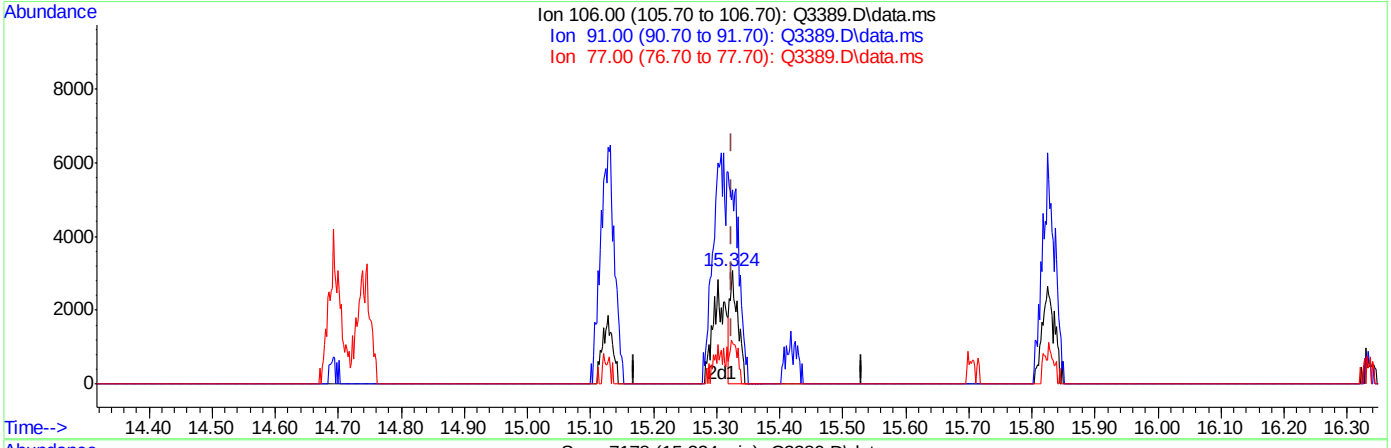
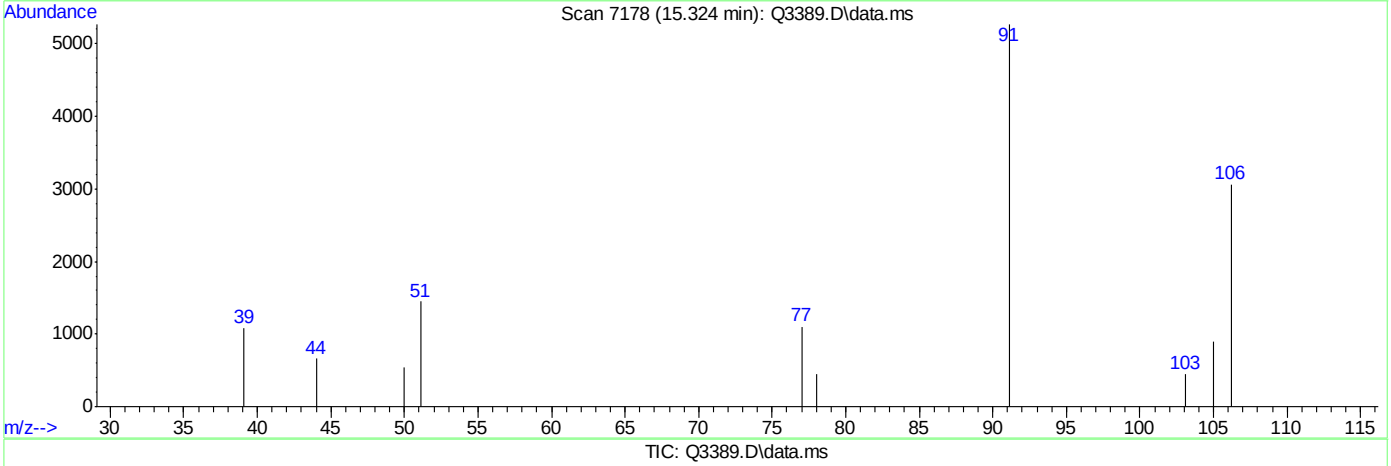
Response via : Initial Calibration





TIC: Q3389.D\data.ms

(56) m,p-XYLENE (m)

15.324min (-0.000) 0.11PPBV

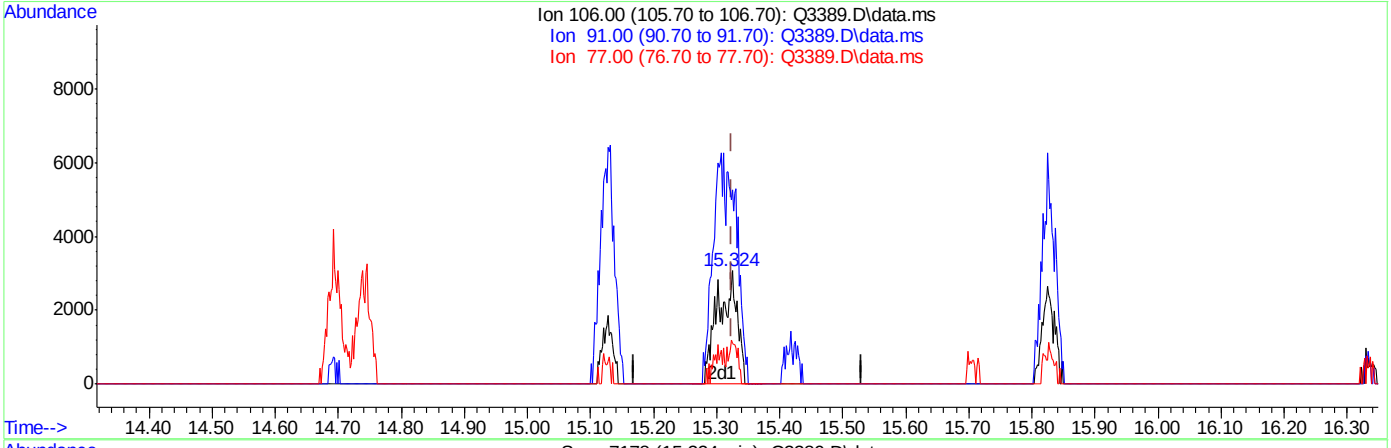
response 2752

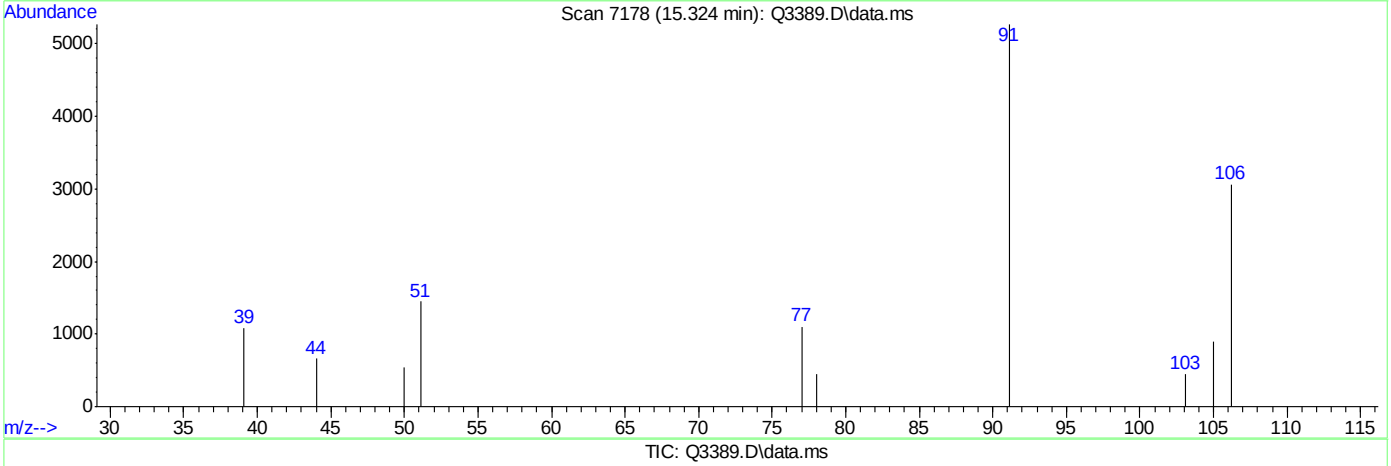
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	171.91
77.00	30.60	35.92
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 19:00:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration





TIC: Q3389.D\data.ms

(56) m,p-XYLENE (m)

15.324min (-0.000) 0.25PPBV m

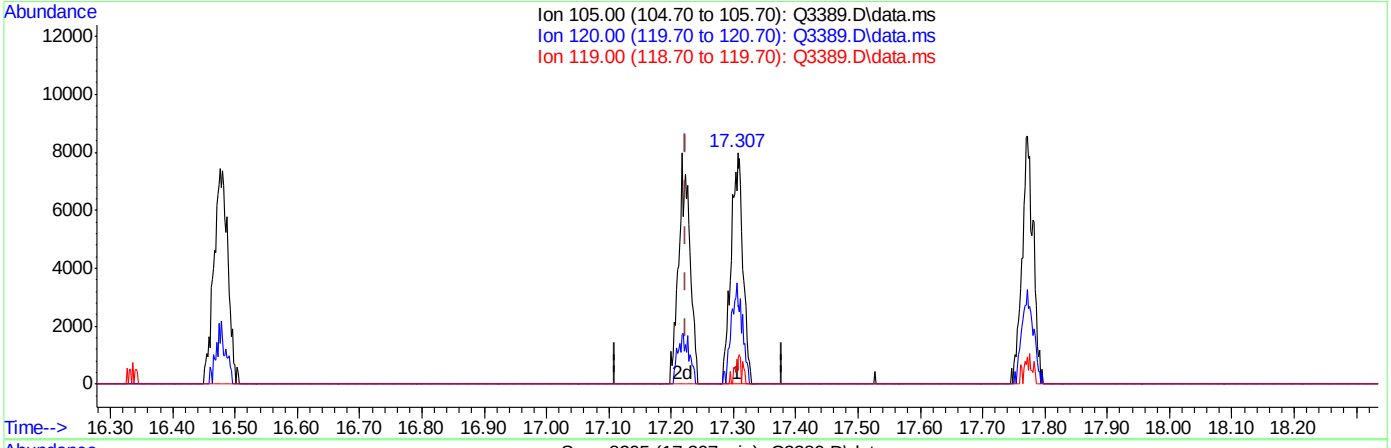
response 6463

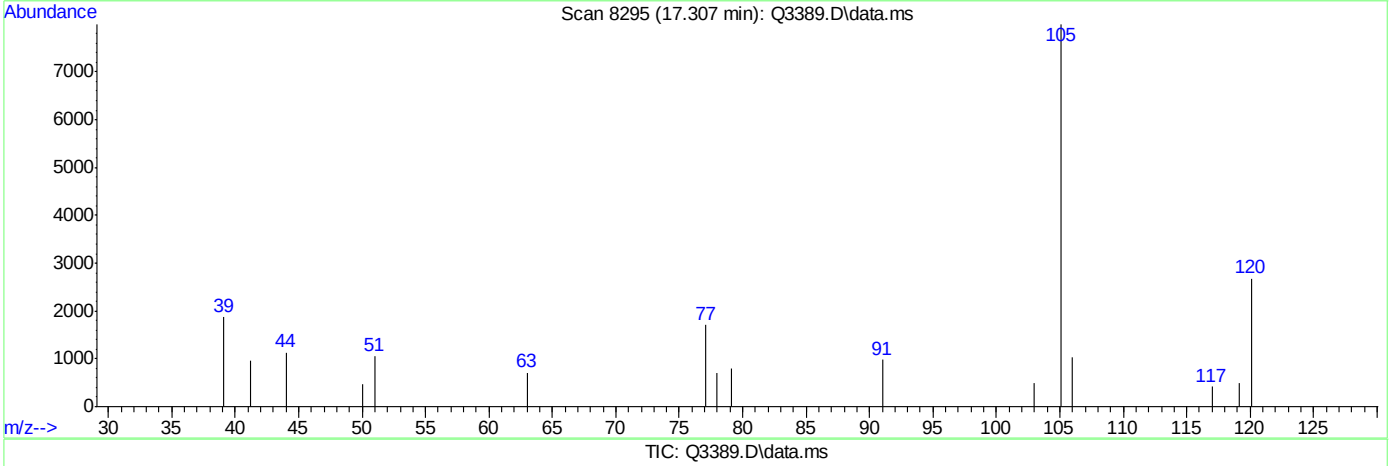
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	171.91
77.00	30.60	35.92
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 19:00:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration





TIC: Q3389.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.307min (+0.083) 0.16PPBV

response 11178

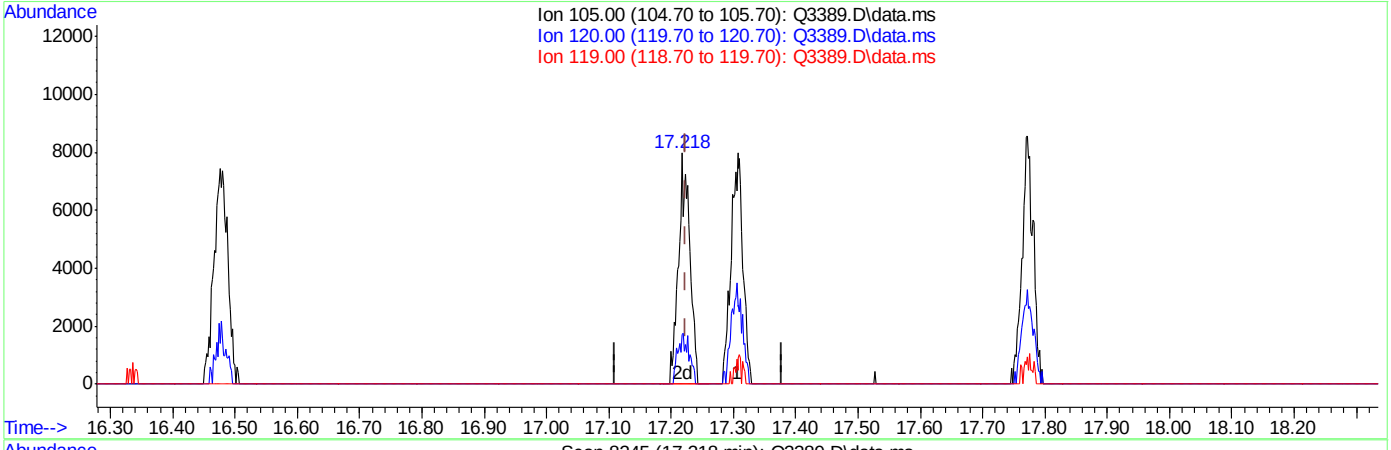
Ion	Exp%	Act%
105.00	100	100
120.00	30.20	40.09
119.00	2.30	7.57
0.00	0.00	0.00

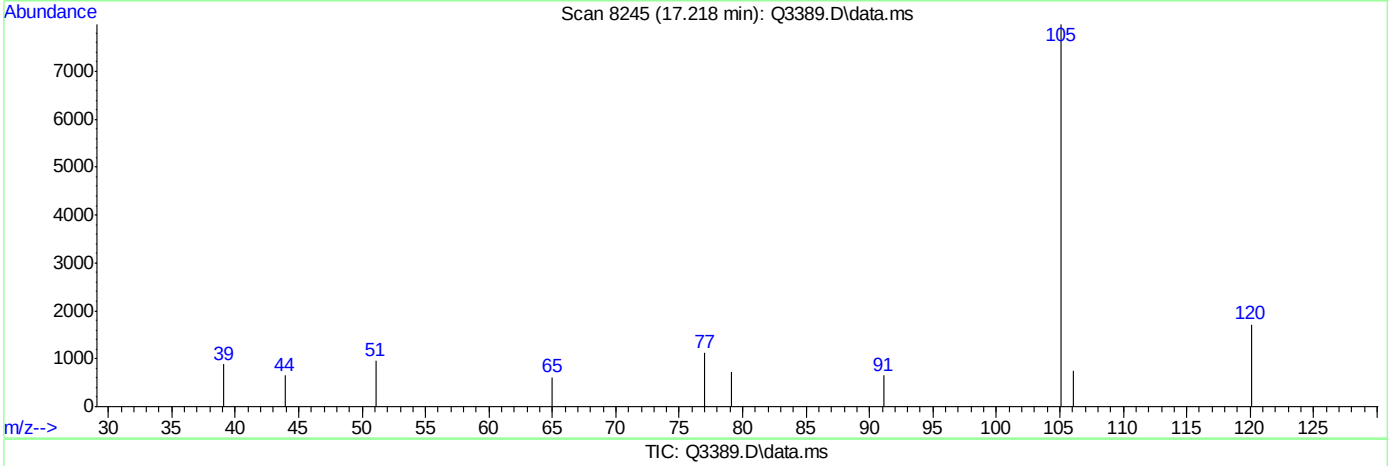
ACCUTEST Laboratories M64701

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 19:00:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration





TIC: Q3389.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.218min (-0.005) 0.14PPBV m

response 9884

Ion	Exp%	Act%
105.00	100	100
120.00	30.20	45.34
119.00	2.30	8.56
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3390.D
Acq On : 15 May 2007 7:16 pm
Operator : PhilipB
Sample : IC185-40 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 15 19:45:44 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 19:01:44 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.429	128	94425	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.350	114	443847	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.701	117	420269	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.340	95	183630	5.30	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 106.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.595	85	2411405	33.93	PPBV	84
3) PROPYLENE	3.524	41	740306	33.53	PPBV	87
4) FREON 114	3.859	85	2314983	33.64	PPBV #	100
5) CHLOROMETHANE	3.762	50	947674	34.03	PPBV	95
6) VINYL CHLORIDE	3.984	62	798650	33.71	PPBV	72
7) 1,3-BUTADIENE	4.124	39	926261	41.86	PPBV #	100
8) BROMOMETHANE	4.401	94	708158	32.75	PPBV #	100
9) CHLOROETHANE	4.575	64	355314	35.12	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.393	101	2899853	40.08	PPBV #	100
11) ISOPROPYL ALCOHOL	5.453	45	1697334	37.83	PPBV	95
12) ACETONE	5.190	43	1613631	37.04	PPBV #	76
13) PENTANE	5.771	42	846475	42.92	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.072	96	768411	39.77	PPBV #	17
15) CARBON DISULFIDE	6.527	76	1967532	41.80	PPBV	67
16) ETHANOL	4.679	45	350355	30.39	PPBV #	100
17) BROMOETHENE	4.946	106	742966	33.62	PPBV #	100
18) METHYLENE CHLORIDE	6.199	84	639575	26.41	PPBV #	1
19) 3-CHLOROPROPENE	6.326	39	731614	44.28	PPBV #	1
20) FREON 113	6.475	151	1637624	40.67	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.187	96	795508	42.91	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.103	59	1421577	36.25	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.446	73	1827019	42.68	PPBV #	100
24) TETRAHYDROFURAN	8.956	42	1197571	43.49	PPBV #	100
25) HEXANE	8.463	57	1317396	44.71	PPBV #	100
26) VINYL ACETATE	7.540	43	1772507	40.39	PPBV	92
27) 1,1-DICHLOROETHANE	7.396	63	1492170	42.53	PPBV #	100
28) METHYL ETHYL KETONE	7.799	43	2295908	41.48	PPBV	86
29) cis-1,2-DICHLOROETHYLENE	8.255	96	604111	40.12	PPBV #	100
30) ETHYL ACETATE	8.470	43	4066374	47.30	PPBV	100
31) CHLOROFORM	8.559	83	1709975	39.62	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.555	97	1821365	42.32	PPBV	90
33) CARBON TETRACHLORIDE	10.163	117	2114241	45.65	PPBV	93
34) 1,2-DICHLOROETHANE	9.303	62	1455247	42.13	PPBV	100
36) BENZENE	10.018	78	1777208	38.98	PPBV	88
37) CYCLOHEXANE	10.289	84	635655	41.48	PPBV #	31
38) TRICHLOROETHYLENE	11.058	95	1195883	49.88	PPBV	90
39) 1,2-DICHLOROPROPANE	10.825	63	851675	38.76	PPBV #	64
40) BROMODICHLOROMETHANE	11.019	83	1816877	43.71	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.079	57	4840021	47.48	PPBV	95
42) 1,4-DIOXANE	11.045	88	400679	43.89	PPBV #	46
43) HEPTANE	11.329	43	1998678	46.88	PPBV #	76

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3390.D
Acq On : 15 May 2007 7:16 pm
Operator : PhilipB
Sample : IC185-40 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 15 19:45:44 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 19:01:44 2007
Response via : Initial Calibration

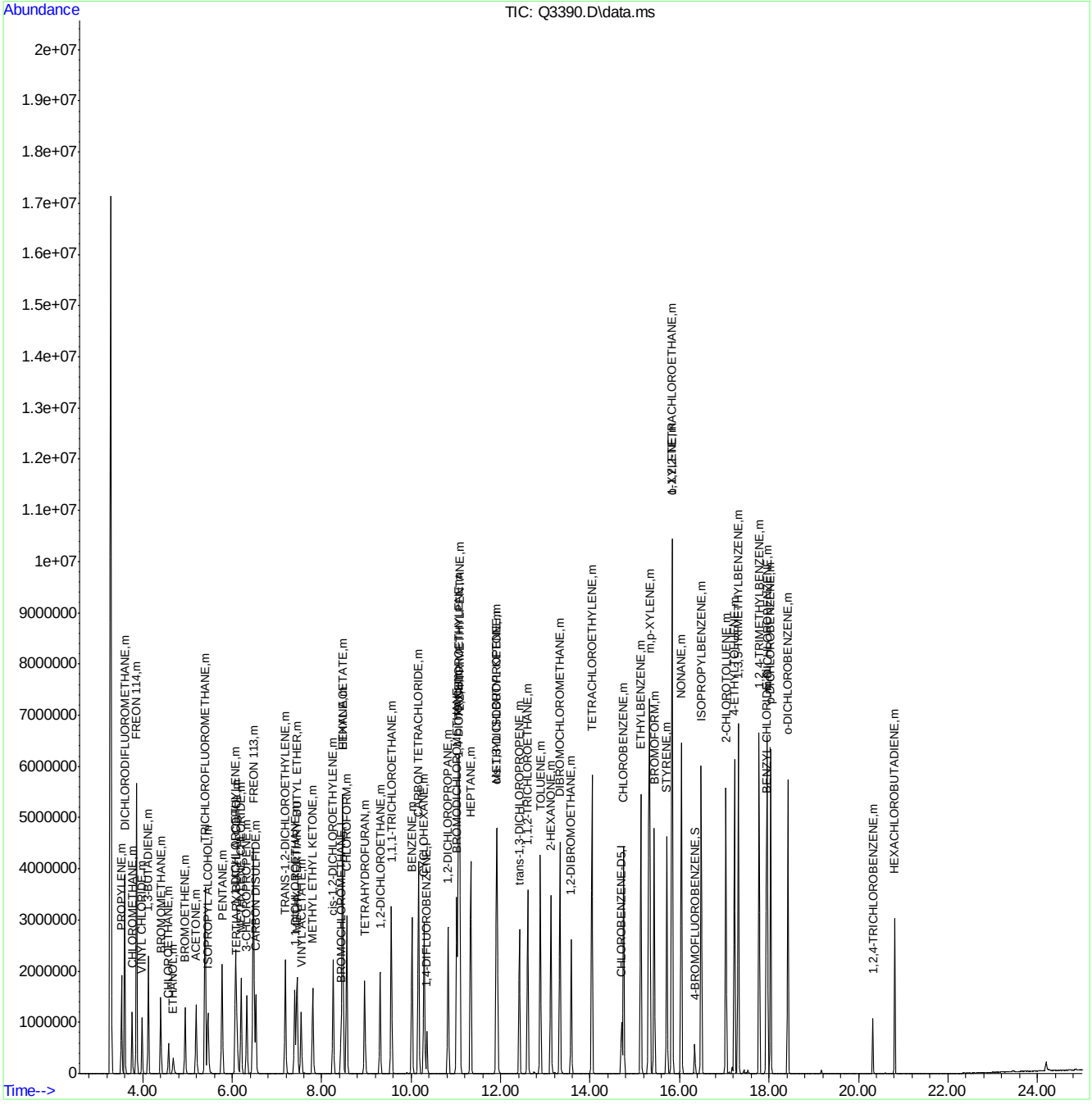
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.922	43	3109213	51.50	PPBV	93
45) cis-1,3-DICHLOROPROPENE	11.903	75	1374944	48.12	PPBV	98
46) TOLUENE	12.888	92	1399160	45.88	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.419	75	1198707	48.51	PPBV #	98
48) 1,1,2-TRICHLOROETHANE	12.605	83	787836	42.54	PPBV	94
50) 2-HEXANONE	13.122	43	2687731	44.14	PPBV	96
51) TETRACHLOROETHYLENE	14.039	164	932010	50.66	PPBV	89
52) DIBROMOCHLOROMETHANE	13.324	129	2036484	49.16	PPBV	98
53) 1,2-DIBROMOETHANE	13.578	107	1561798	42.51	PPBV	98
54) CHLOROBENZENE	14.748	112	1889176	41.31	PPBV	95
55) ETHYLBENZENE	15.133	91	3401967	43.21	PPBV	96
56) m,p-XYLENE	15.333	106	2906038	103.35	PPBV	94
57) o-XYLENE	15.834	106	1468856	50.82	PPBV	99
58) STYRENE	15.715	104	1789384	47.30	PPBV	98
59) NONANE	16.041	43	2789513	37.77	PPBV	87
60) BROMOFORM	15.431	173	1871499	55.17	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.828	83	2236401	39.85	PPBV	94
63) ISOPROPYLBENZENE	16.485	105	3699288	43.21	PPBV	96
64) 2-CHLOROTOLUENE	17.037	91	2677198	39.09	PPBV	98
65) 4-ETHYLTOLUENE	17.229	105	3436031	44.31	PPBV	96
66) 1,3,5-TRIMETHYLBENZENE	17.312	105	3303878	43.52	PPBV	96
67) 1,2,4-TRIMETHYLBENZENE	17.779	105	3192688	43.27	PPBV	96
68) m-DICHLOROBENZENE	17.962	146	2141667	49.14	PPBV	99
69) BENZYL CHLORIDE	17.939	91	2313797	42.19	PPBV	97
70) p-DICHLOROBENZENE	18.036	146	2013045	50.33	PPBV	98
71) o-DICHLOROBENZENE	18.421	146	1814780	44.00	PPBV	97
72) HEXACHLOROBUTADIENE	20.810	225	347083	17.75	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.320	180	206547	25.38	PPBV	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3390.D
Acq On : 15 May 2007 7:16 pm
Operator : PhilipB
Sample : IC185-40 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 15 19:45:44 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 19:01:44 2007
Response via : Initial Calibration



ACCUTEST Laboratories M64701

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/16/07 18:03

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3391.D
Acq On : 15 May 2007 7:56 pm
Operator : PhilipB
Sample : IC185-5 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 08:01:48 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 19:46:25 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.422	128	105565	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.344	114	443500	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	403673	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.332	95	179007	5.38	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 107.60%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	3.593	85	417279	5.43	PPBV		83
3) PROPYLENE	3.520	41	155790	6.37	PPBV		82
4) FREON 114	3.857	85	436403	5.83	PPBV	#	100
5) CHLOROMETHANE	3.758	50	198625	6.47	PPBV		95
6) VINYL CHLORIDE	3.980	62	161849	6.22	PPBV		72
7) 1,3-BUTADIENE	4.120	39	163032	6.46	PPBV	#	100
8) BROMOMETHANE	4.401	94	138786	5.89	PPBV	#	100
9) CHLOROETHANE	4.573	64	71282	6.37	PPBV	#	100
10) TRICHLOROFLUOROMETHANE	5.389	101	466165	5.79	PPBV	#	100
11) ISOPROPYL ALCOHOL	5.442	45	292436	5.62	PPBV		93
12) ACETONE	5.189	43	272040	5.44	PPBV	#	73
13) PENTANE	5.764	42	150815	6.57	PPBV	#	100
14) 1,1-DICHLOROETHYLENE	6.069	96	125357	5.81	PPBV	#	15
15) CARBON DISULFIDE	6.521	76	310042	5.89	PPBV		70
16) ETHANOL	4.670	45	61718	4.69	PPBV	#	100
17) BROMOETHENE	4.942	106	138450	5.75	PPBV	#	100
18) METHYLENE CHLORIDE	6.193	84	109888	4.06	PPBV	#	1
19) 3-CHLOROPROPENE	6.323	39	113847	5.97	PPBV	#	1
20) FREON 113	6.468	151	242611	5.46	PPBV	#	100
21) TRANS-1,2-DICHLOROETHY...	7.180	96	117369	5.68	PPBV	#	100
22) TERTIARY BUTYL ALCOHOL	6.092	59	287405	6.37	PPBV	#	100
23) METHYL TERTIARY BUTYL ...	7.444	73	262372	5.48	PPBV	#	100
24) TETRAHYDROFURAN	8.958	42	160525	4.96	PPBV	#	100
25) HEXANE	8.458	57	166505	4.79	PPBV	#	100
26) VINYL ACETATE	7.533	43	251948	5.00	PPBV		90
27) 1,1-DICHLOROETHANE	7.391	63	226846	5.71	PPBV	#	100
28) METHYL ETHYL KETONE	7.794	43	304007	4.69	PPBV		89
29) cis-1,2-DICHLOROETHYLENE	8.246	96	84711	5.01	PPBV	#	100
30) ETHYL ACETATE	8.461	43	500911	4.86	PPBV		100
31) CHLOROFORM	8.554	83	207382	4.25	PPBV	#	100
32) 1,1,1-TRICHLOROETHANE	9.551	97	202725	4.23	PPBV		87
33) CARBON TETRACHLORIDE	10.158	117	231158	4.51	PPBV		93
34) 1,2-DICHLOROETHANE	9.295	62	162310	4.18	PPBV		99
36) BENZENE	10.011	78	261470	5.69	PPBV		91
37) CYCLOHEXANE	10.286	84	76218	4.97	PPBV	#	21
38) TRICHLOROETHYLENE	11.051	95	121441	5.00	PPBV	#	80
39) 1,2-DICHLOROPROPANE	10.820	63	115434	5.21	PPBV	#	60
40) BROMODICHLOROMETHANE	11.010	83	215204	5.21	PPBV		99
41) 2,2,4-TRIMETHYLPENTANE	11.074	57	563020	5.30	PPBV		93
42) 1,4-DIOXANE	11.044	88	41040	4.44	PPBV	#	11
43) HEPTANE	11.326	43	260811	5.86	PPBV	#	72

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3391.D
Acq On : 15 May 2007 7:56 pm
Operator : PhilipB
Sample : IC185-5 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 08:01:48 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 19:46:25 2007
Response via : Initial Calibration

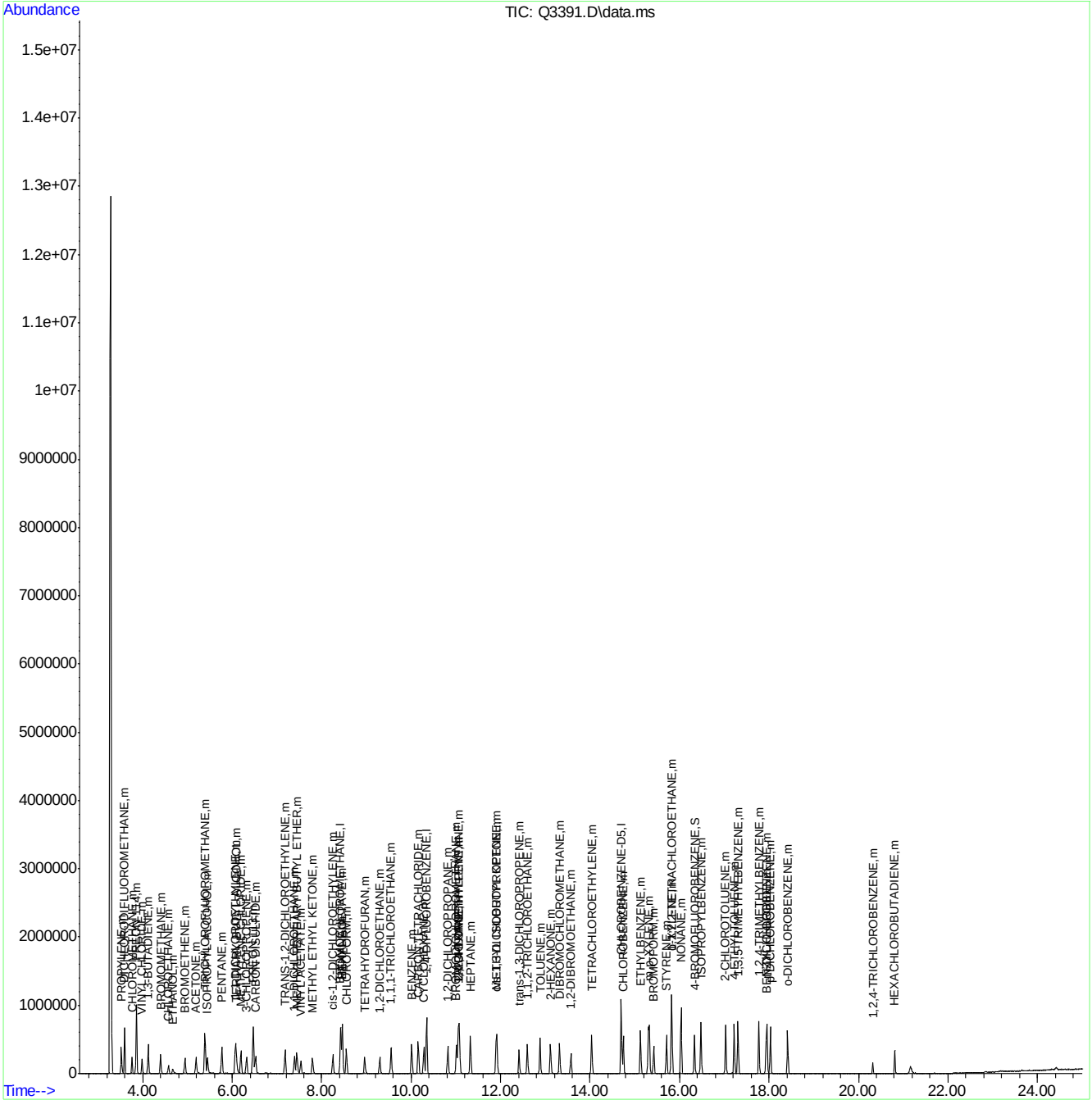
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.917	43	382617	5.97	PPBV		89
45) cis-1,3-DICHLOROPROPENE	11.894	75	151890	5.24	PPBV		86
46) TOLUENE	12.880	92	153998	5.05	PPBV		94
47) trans-1,3-DICHLOROPROPENE	12.410	75	132398	5.38	PPBV	#	99
48) 1,1,2-TRICHLOROETHANE	12.600	83	95703	5.13	PPBV		90
50) 2-HEXANONE	13.113	43	326285	5.36	PPBV		92
51) TETRACHLOROETHYLENE	14.036	164	73763	4.31	PPBV	#	80
52) DIBROMOCHLOROMETHANE	13.317	129	181085	4.62	PPBV		99
53) 1,2-DIBROMOETHANE	13.571	107	168313	4.84	PPBV		96
54) CHLOROBENZENE	14.739	112	202194	4.70	PPBV		85
55) ETHYLBENZENE	15.126	91	374139	4.99	PPBV		93
56) m,p-XYLENE	15.323	106	266549m	9.78	PPBV		
57) o-XYLENE	15.828	106	141013	5.06	PPBV	#	88
58) STYRENE	15.708	104	192335	5.40	PPBV		99
59) NONANE	16.031	43	450068	6.23	PPBV		80
60) BROMOFORM	15.424	173	136689	4.30	PPBV		98
62) 1,1,2,2-TETRACHLOROETHANE	15.819	83	270949	4.98	PPBV		95
63) ISOPROPYLBENZENE	16.476	105	418825	5.21	PPBV		96
64) 2-CHLOROTOLUENE	17.032	91	327887	5.12	PPBV		92
65) 4-ETHYLTOLUENE	17.222	105	372931	5.13	PPBV		93
66) 1,3,5-TRIMETHYLBENZENE	17.307	105	344155	4.81	PPBV		95
67) 1,2,4-TRIMETHYLBENZENE	17.773	105	331358	4.79	PPBV		93
68) m-DICHLOROBENZENE	17.954	146	189003	4.62	PPBV		95
69) BENZYL CHLORIDE	17.933	91	246683	4.82	PPBV		92
70) p-DICHLOROBENZENE	18.031	146	176842	4.74	PPBV		95
71) o-DICHLOROBENZENE	18.416	146	163377	4.20	PPBV		93
72) HEXACHLOROBUTADIENE	20.808	225	31923	1.68	PPBV		98
73) 1,2,4-TRICHLOROBENZENE	20.319	180	26854	3.44	PPBV		98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3391.D
Acq On : 15 May 2007 7:56 pm
Operator : PhilipB
Sample : IC185-5 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

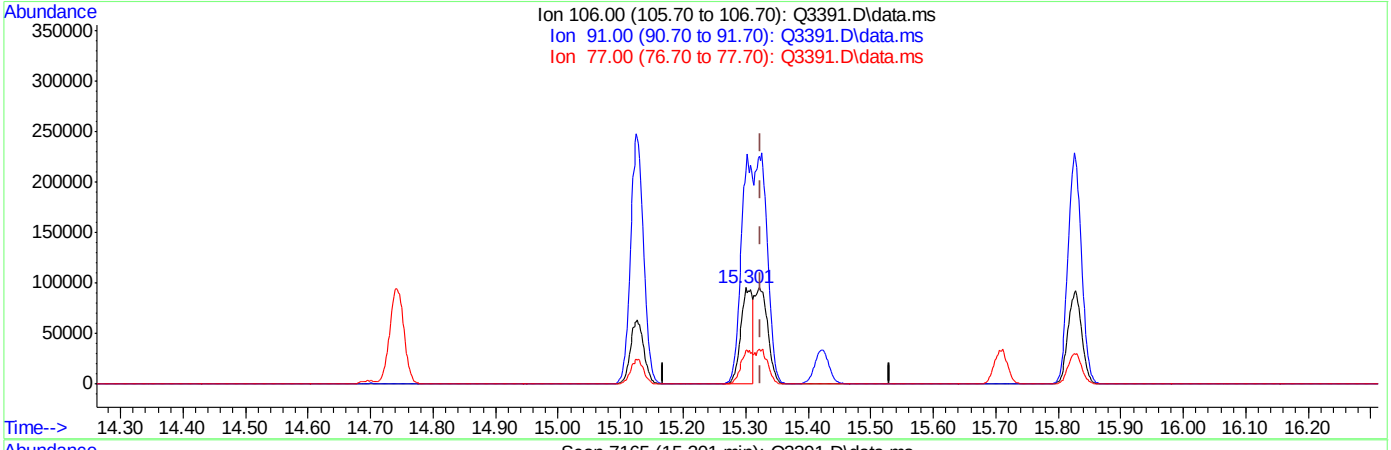
Quant Time: May 16 08:01:48 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 19:46:25 2007
Response via : Initial Calibration

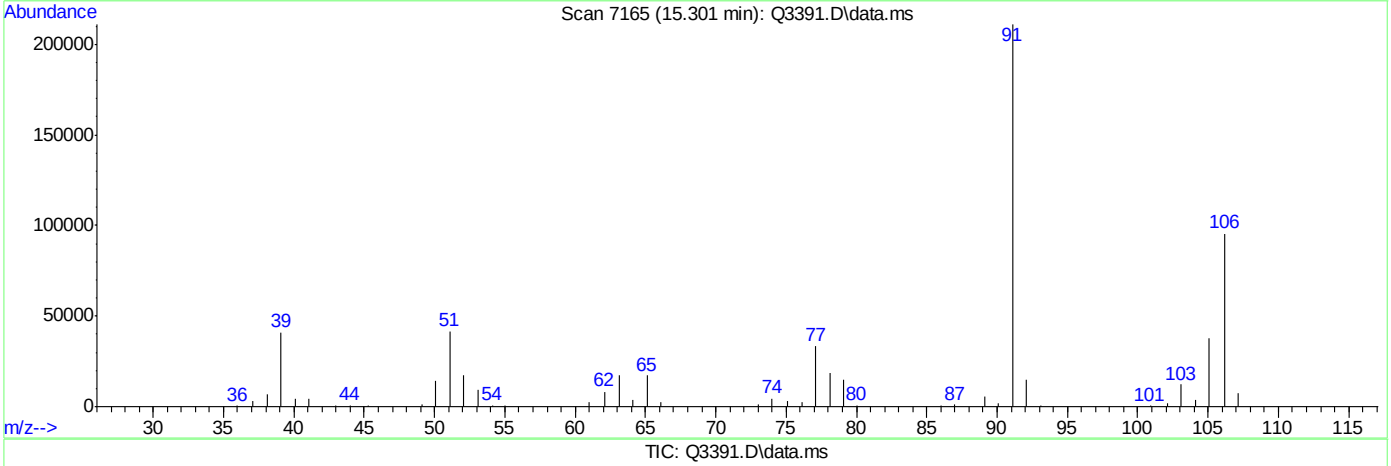


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3391.D
Acq On : 15 May 2007 7:56 pm
Operator : PhilipB
Sample : IC185-5 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 08:01:05 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 19:46:25 2007
Response via : Initial Calibration





TIC: Q3391.D\data.ms

(56) m,p-XYLENE (m)

15.301min (-0.023) 4.62PPBV

response 125770

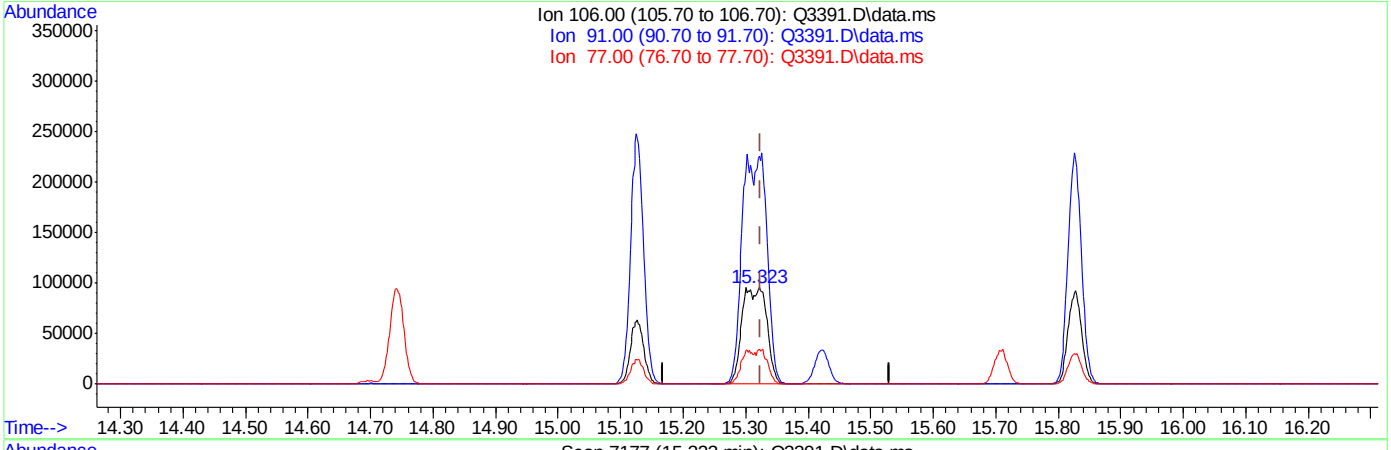
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	221.07
77.00	30.60	35.07
0.00	0.00	0.00

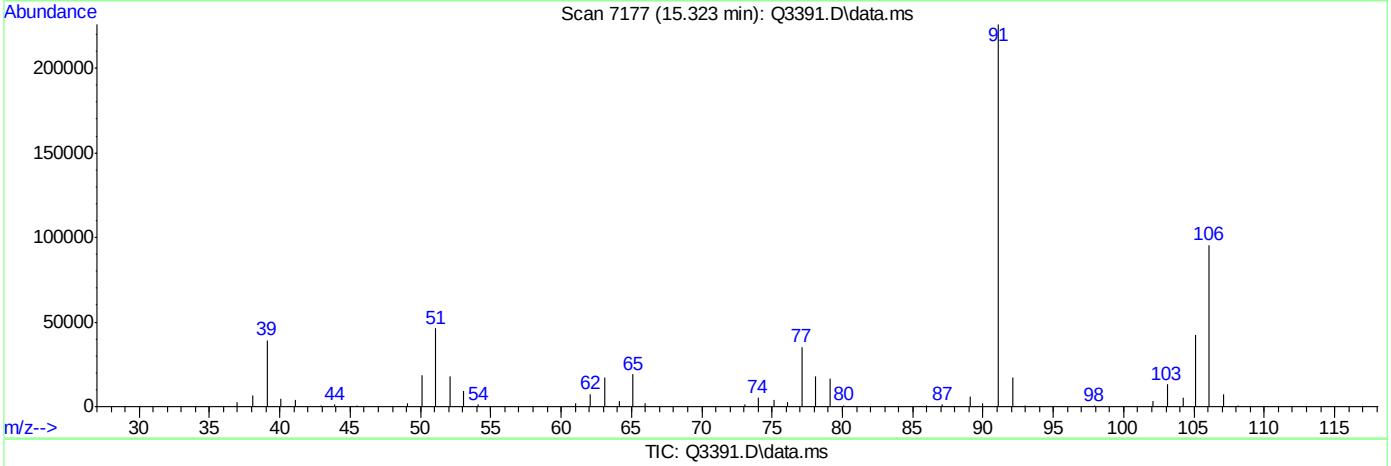
ACCUTEST Laboratories M64701

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3391.D
Acq On : 15 May 2007 7:56 pm
Operator : PhilipB
Sample : IC185-5 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 08:01:05 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 19:46:25 2007
Response via : Initial Calibration





TIC: Q3391.D\data.ms

(56) m,p-XYLENE (m)

15.323min (-0.002) 9.78PPBV m

response 266549

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	236.56
77.00	30.60	36.96#
0.00	0.00	0.00

ACCUTEST Laboratories M64701

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/16/07 18:03

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3392.D
Acq On : 16 May 2007 8:18 am
Operator : PhilipB
Sample : IC185-20 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 09:04:27 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 08:02:06 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.415	128	107237	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.341	114	441646	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	414256	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.334	95	201265	5.83	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 116.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.577	85	1436332	18.18	PPBV	82
3) PROPYLENE	3.506	41	554925	21.48	PPBV	85
4) FREON 114	3.841	85	1535185	19.73	PPBV #	100
5) CHLOROMETHANE	3.744	50	688131	21.17	PPBV	95
6) VINYL CHLORIDE	3.966	62	557047	20.35	PPBV	72
7) 1,3-BUTADIENE	4.102	39	603210	22.60	PPBV #	100
8) BROMOMETHANE	4.383	94	452752	18.45	PPBV #	100
9) CHLOROETHANE	4.559	64	232822	19.71	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.373	101	1547915	18.52	PPBV #	100
11) ISOPROPYL ALCOHOL	5.430	45	1082659	20.13	PPBV	93
12) ACETONE	5.171	43	1033440	20.08	PPBV #	75
13) PENTANE	5.753	42	569841	23.37	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.056	96	420238	18.75	PPBV #	12
15) CARBON DISULFIDE	6.509	76	1082467	19.73	PPBV	66
16) ETHANOL	4.656	45	229546	17.32	PPBV #	100
17) BROMOETHENE	4.926	106	440424	17.64	PPBV #	100
18) METHYLENE CHLORIDE	6.181	84	366419	13.68	PPBV #	1
19) 3-CHLOROPROPENE	6.308	39	424642	21.34	PPBV #	1
20) FREON 113	6.454	151	818554	17.89	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.169	96	419748	19.61	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.079	59	1021563	21.44	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.432	73	947845	19.21	PPBV #	100
24) TETRAHYDROFURAN	8.948	42	605403	18.45	PPBV #	100
25) HEXANE	8.449	57	607423	17.31	PPBV #	100
26) VINYL ACETATE	7.526	43	965174	18.85	PPBV	90
27) 1,1-DICHLOROETHANE	7.382	63	800129	19.43	PPBV #	100
28) METHYL ETHYL KETONE	7.781	43	1111760	17.04	PPBV	89
29) cis-1,2-DICHLOROETHYLENE	8.241	96	324636	18.90	PPBV #	100
30) ETHYL ACETATE	8.456	43	1883905	18.06	PPBV	100
31) CHLOROFORM	8.546	83	779451	16.06	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.546	97	764952	16.08	PPBV #	87
33) CARBON TETRACHLORIDE	10.154	117	853635	16.62	PPBV	93
34) 1,2-DICHLOROETHANE	9.292	62	611675	15.89	PPBV	100
36) BENZENE	10.009	78	834834	17.90	PPBV	87
37) CYCLOHEXANE	10.280	84	292236	19.14	PPBV #	25
38) TRICHLOROETHYLENE	11.049	95	486909	20.14	PPBV #	81
39) 1,2-DICHLOROPROPANE	10.818	63	429562	19.37	PPBV #	59
40) BROMODICHLOROMETHANE	11.008	83	815748	19.73	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.072	57	2191893	20.54	PPBV #	91
42) 1,4-DIOXANE	11.036	88	168360	18.58	PPBV #	31
43) HEPTANE	11.322	43	995216	21.91	PPBV #	72

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3392.D
Acq On : 16 May 2007 8:18 am
Operator : PhilipB
Sample : IC185-20 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 09:04:27 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 08:02:06 2007
Response via : Initial Calibration

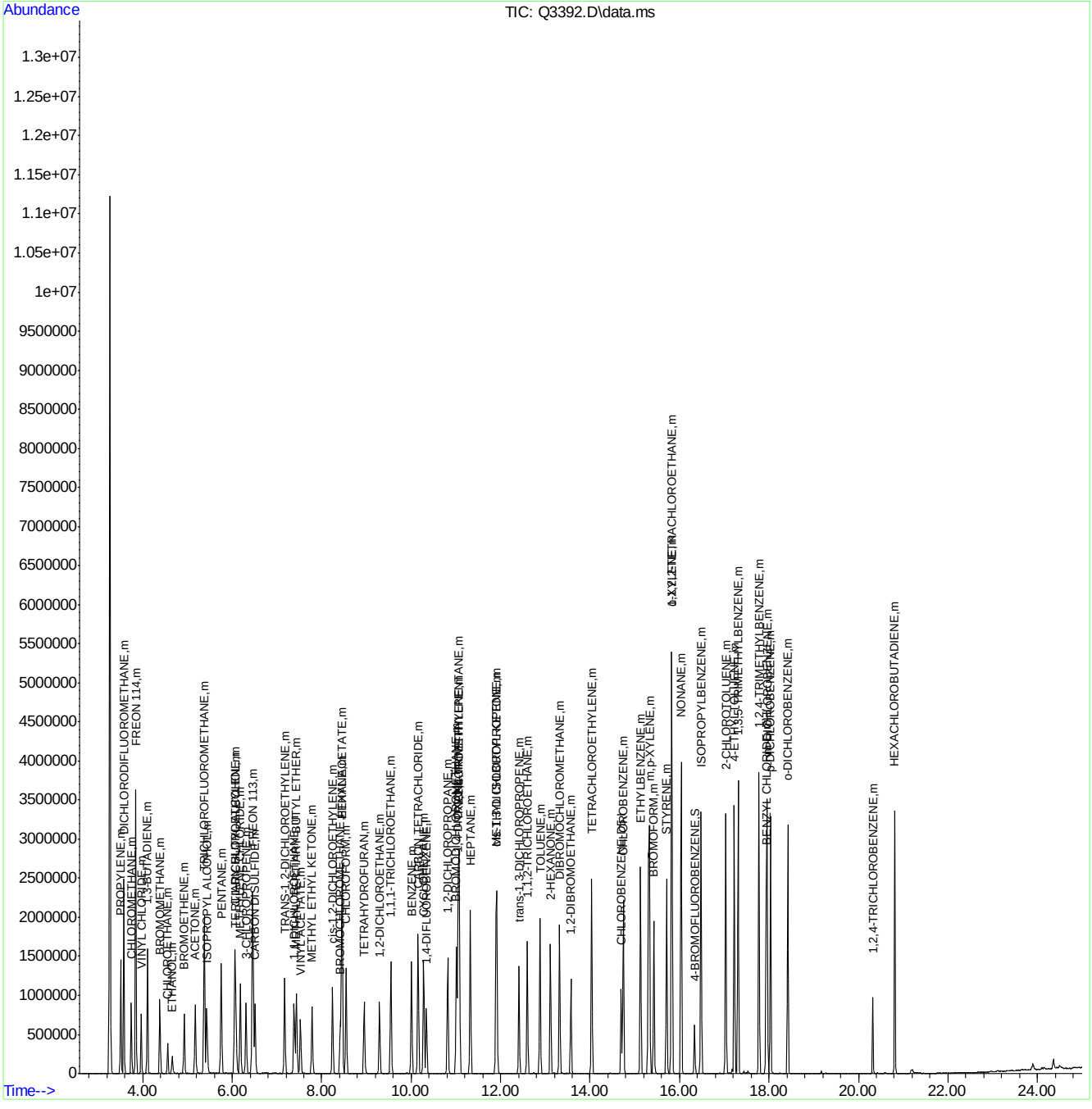
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.913	43	1477731	22.54	PPBV	90
45) cis-1,3-DICHLOROPROPENE	11.895	75	607507	20.92	PPBV	89
46) TOLUENE	12.879	92	620502	20.39	PPBV	97
47) trans-1,3-DICHLOROPROPENE	12.410	75	523645	21.13	PPBV #	99
48) 1,1,2-TRICHLOROETHANE	12.596	83	365223	19.57	PPBV	90
50) 2-HEXANONE	13.113	43	1268031	20.08	PPBV	93
51) TETRACHLOROETHYLENE	14.038	164	324222	18.83	PPBV #	79
52) DIBROMOCHLOROMETHANE	13.317	129	773932	19.46	PPBV	98
53) 1,2-DIBROMOETHANE	13.571	107	680083	19.14	PPBV	98
54) CHLOROBENZENE	14.742	112	822359	18.79	PPBV	88
55) ETHYLBENZENE	15.129	91	1568065	20.39	PPBV	94
56) m,p-XYLENE	15.326	106	1189897m	42.69	PPBV	
57) o-XYLENE	15.828	106	664109	23.18	PPBV	91
58) STYRENE	15.711	104	864188	23.38	PPBV	97
59) NONANE	16.034	43	1804990	23.53	PPBV	82
60) BROMOFORM	15.425	173	660503	20.65	PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.821	83	1260074	22.59	PPBV	94
63) ISOPROPYLBENZENE	16.481	105	1867896	22.51	PPBV	96
64) 2-CHLOROTOLUENE	17.032	91	1484704	22.53	PPBV	92
65) 4-ETHYLTOLUENE	17.221	105	1725524	23.04	PPBV	93
66) 1,3,5-TRIMETHYLBENZENE	17.308	105	1634007	22.38	PPBV	94
67) 1,2,4-TRIMETHYLBENZENE	17.773	105	1621845	22.97	PPBV	94
68) m-DICHLOROBENZENE	17.958	146	917319	22.07	PPBV	95
69) BENZYL CHLORIDE	17.935	91	1206235	23.08	PPBV	93
70) p-DICHLOROBENZENE	18.033	146	851228	22.38	PPBV	94
71) o-DICHLOROBENZENE	18.419	146	819782	21.00	PPBV	93
72) HEXACHLOROBUTADIENE	20.812	225	279622	15.82	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.320	180	159074	20.81	PPBV	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3392.D
Acq On : 16 May 2007 8:18 am
Operator : PhilipB
Sample : IC185-20 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 09:04:27 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 08:02:06 2007
Response via : Initial Calibration

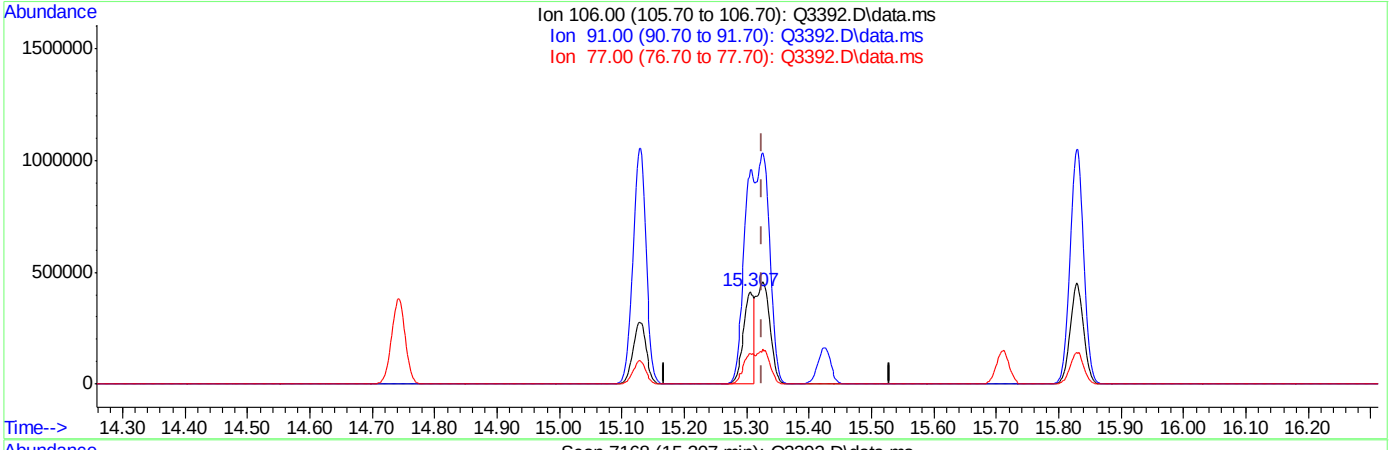


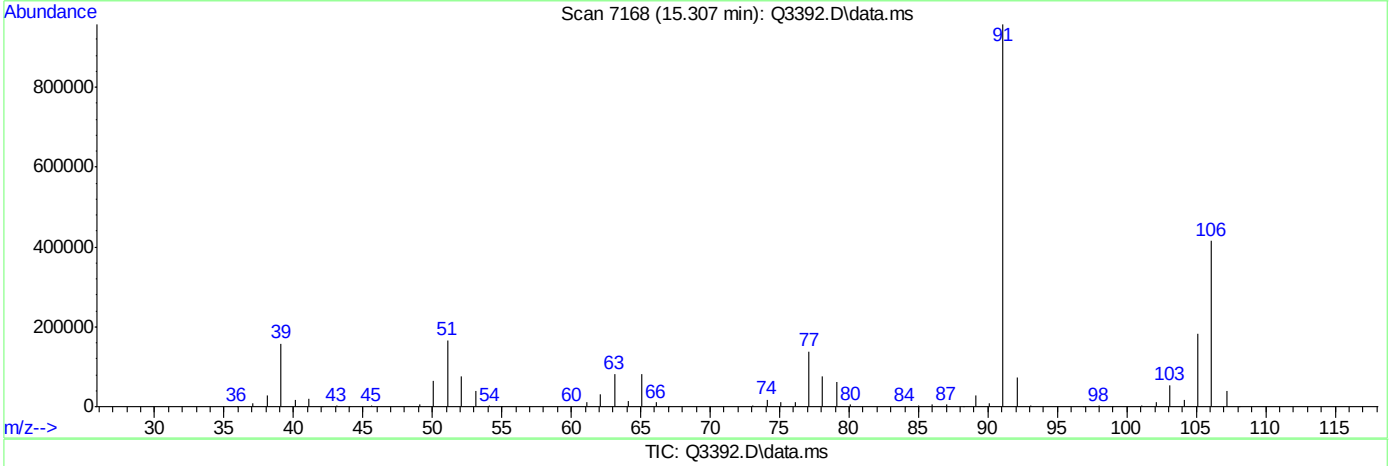
ACCUTEST Laboratories M64701

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3392.D
Acq On : 16 May 2007 8:18 am
Operator : PhilipB
Sample : IC185-20 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 09:03:55 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 08:02:06 2007
Response via : Initial Calibration





TIC: Q3392.D\data.ms

(56) m,p-XYLENE (m)

15.307min (-0.018) 17.51PPBV

response 488119

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	231.04
77.00	30.60	33.24
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data Path : C:\msdchem\1\DATA\
Data File : Q3392.D
Acq On    : 16 May 2007   8:18 am
Operator  : PhilipB
Sample    : IC185-20 (M060)
Misc      : MS13535,MSQ185,,,,,1
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: May 16 09:03:55 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 08:02:06 2007
Response via : Initial Calibration
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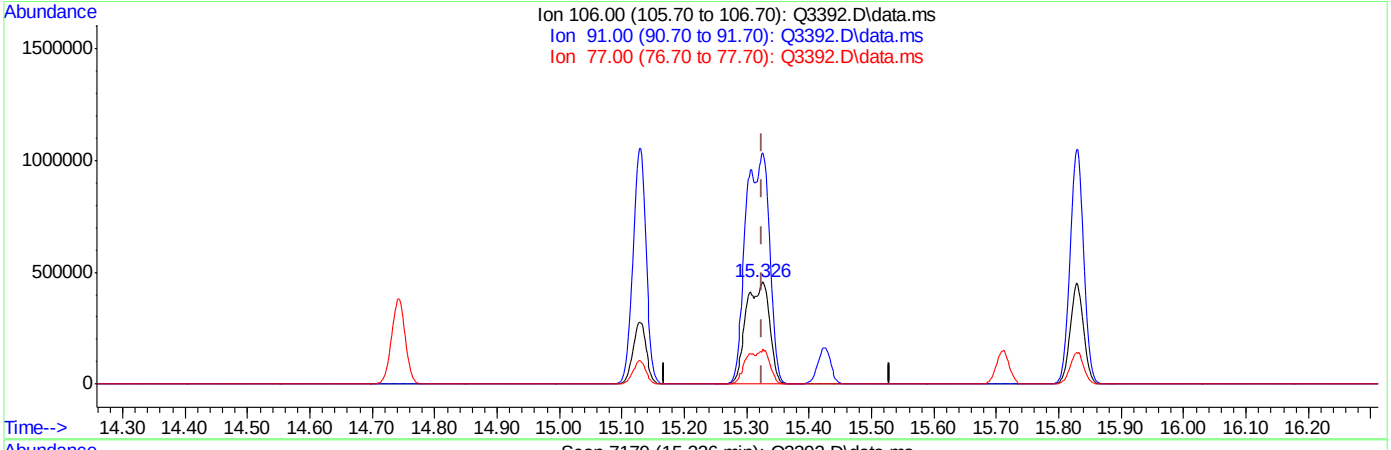
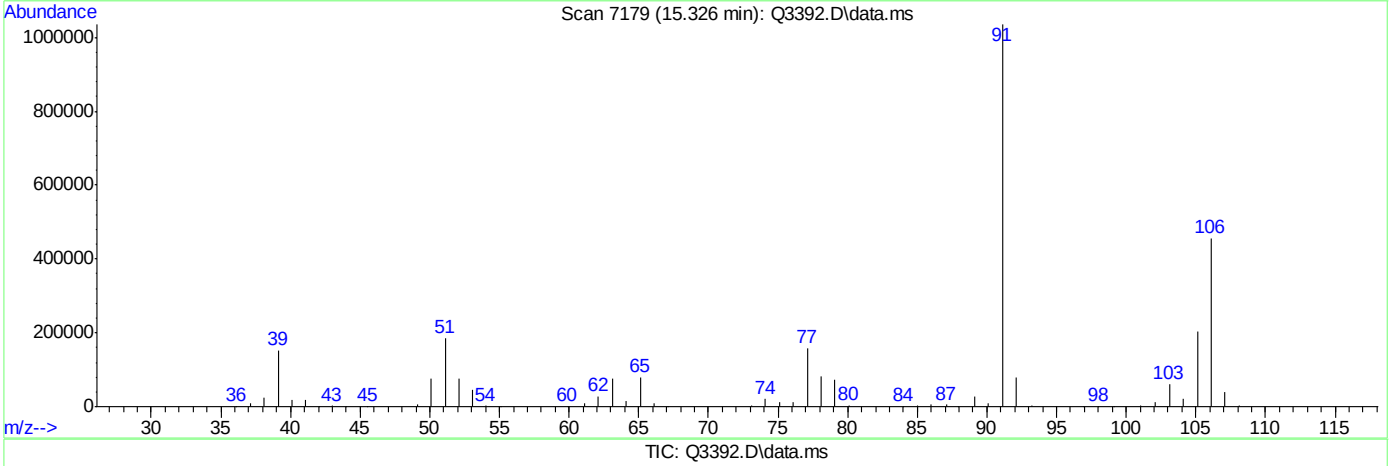




TIC: Q3392.D\data.ms

(56) m,p-XYLENE (m)

15.326min (+0.002) 42.69PPBV m

response 1189897

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	226.90
77.00	30.60	34.71
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/16/07 18:03

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3393.D
Acq On : 16 May 2007 9:18 am
Operator : PhilipB
Sample : ICC185-10 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 09:49:12 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 09:04:38 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.419	128	94874	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.344	114	466297	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	426455	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.332	95	189371	5.18	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 103.60%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.589	85	810762	11.48	PPBV	84
3) PROPYLENE	3.517	41	295176	12.23	PPBV	82
4) FREON 114	3.854	85	851548	12.07	PPBV #	100
5) CHLOROMETHANE	3.754	50	377109	12.48	PPBV	91
6) VINYL CHLORIDE	3.980	62	310528	12.37	PPBV	72
7) 1,3-BUTADIENE	4.117	39	301574	11.94	PPBV #	100
8) BROMOMETHANE	4.395	94	269986	12.25	PPBV #	100
9) CHLOROETHANE	4.573	64	135348	12.52	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.387	101	889181	11.83	PPBV #	100
11) ISOPROPYL ALCOHOL	5.437	45	515822	10.18	PPBV	93
12) ACETONE	5.185	43	492004	10.16	PPBV #	72
13) PENTANE	5.767	42	257521	11.06	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.063	96	240485	11.94	PPBV #	21
15) CARBON DISULFIDE	6.520	76	578247	11.67	PPBV	69
16) ETHANOL	4.667	45	113669	9.16	PPBV #	100
17) BROMOETHENE	4.940	106	273712	12.33	PPBV #	100
18) METHYLENE CHLORIDE	6.189	84	210836	8.76	PPBV #	1
19) 3-CHLOROPROPENE	6.317	39	199362	10.78	PPBV #	1
20) FREON 113	6.468	151	469643	11.58	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.178	96	223719	11.65	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.085	59	514243	11.72	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.441	73	498601	11.27	PPBV #	100
24) TETRAHYDROFURAN	8.956	42	269767	9.24	PPBV #	100
25) HEXANE	8.458	57	261436	8.39	PPBV #	100
26) VINYL ACETATE	7.533	43	464736	9.91	PPBV	90
27) 1,1-DICHLOROETHANE	7.389	63	423017	11.31	PPBV #	100
28) METHYL ETHYL KETONE	7.790	43	549427	9.42	PPBV	84
29) cis-1,2-DICHLOROETHYLENE	8.248	96	127948	8.57	PPBV #	100
30) ETHYL ACETATE	8.461	43	853115	9.07	PPBV	100
31) CHLOROFORM	8.552	83	383965	9.11	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.547	97	415453	10.20	PPBV	88
33) CARBON TETRACHLORIDE	10.160	117	463105	10.53	PPBV	94
34) 1,2-DICHLOROETHANE	9.295	62	346170	10.44	PPBV	100
36) BENZENE	10.011	78	387202	8.04	PPBV	88
37) CYCLOHEXANE	10.284	84	137637	8.81	PPBV #	30
38) TRICHLOROETHYLENE	11.047	95	224384	8.95	PPBV #	84
39) 1,2-DICHLOROPROPANE	10.818	63	194273	8.43	PPBV #	64
40) BROMODICHLOROMETHANE	11.010	83	403441	9.41	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.072	57	949564	8.46	PPBV #	93
42) 1,4-DIOXANE	11.042	88	74114	7.92	PPBV #	24
43) HEPTANE	11.324	43	434760	9.02	PPBV #	73

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3393.D
Acq On : 16 May 2007 9:18 am
Operator : PhilipB
Sample : ICC185-10 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 09:49:12 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 09:04:38 2007
Response via : Initial Calibration

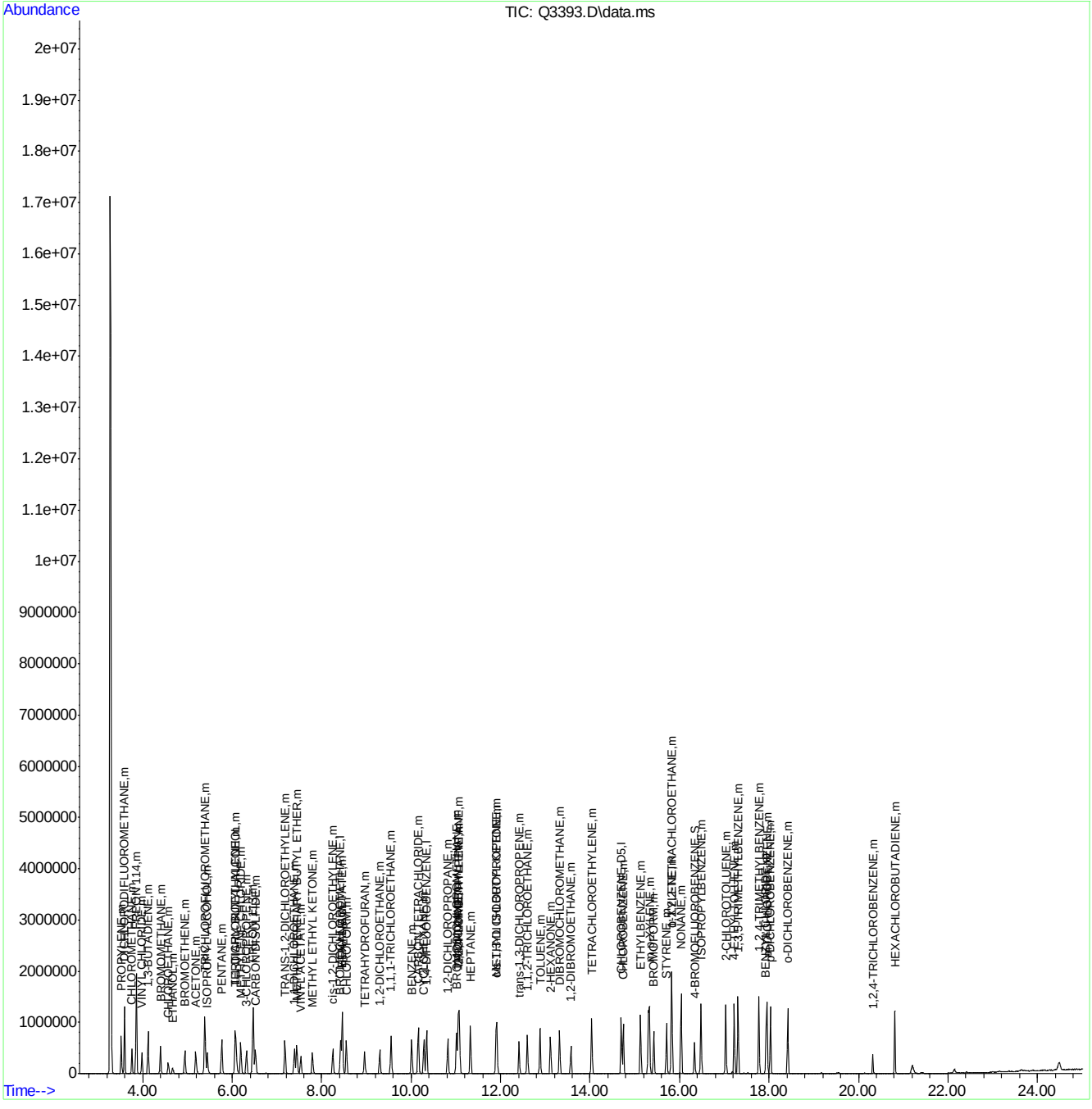
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.915	43	635523	9.08	PPBV		90
45) cis-1,3-DICHLOROPROPENE	11.897	75	276127	9.18	PPBV		89
46) TOLUENE	12.882	92	273951	8.74	PPBV		96
47) trans-1,3-DICHLOROPROPENE	12.412	75	246606	9.68	PPBV	#	98
48) 1,1,2-TRICHLOROETHANE	12.598	83	158102	8.18	PPBV		93
50) 2-HEXANONE	13.113	43	551226	8.55	PPBV		93
51) TETRACHLOROETHYLENE	14.036	164	150861	8.94	PPBV	#	79
52) DIBROMOCHLOROMETHANE	13.317	129	365759	9.24	PPBV		98
53) 1,2-DIBROMOETHANE	13.569	107	304381	8.62	PPBV		98
54) CHLOROBENZENE	14.740	112	368849	8.49	PPBV		88
55) ETHYLBENZENE	15.125	91	686149	8.91	PPBV		94
56) m,p-XYLENE	15.326	106	483204m	17.14	PPBV		
57) o-XYLENE	15.826	106	244755	8.34	PPBV	#	85
58) STYRENE	15.709	104	338883	9.10	PPBV		97
59) NONANE	16.034	43	678108	8.47	PPBV		81
60) BROMOFORM	15.422	173	291988	9.14	PPBV		99
62) 1,1,2,2-TETRACHLOROETHANE	15.818	83	428343	7.39	PPBV		94
63) ISOPROPYLBENZENE	16.478	105	748277	8.81	PPBV		94
64) 2-CHLOROTOLUENE	17.032	91	606816	9.01	PPBV		90
65) 4-ETHYLTOLUENE	17.223	105	679850	8.88	PPBV		92
66) 1,3,5-TRIMETHYLBENZENE	17.307	105	652817	8.71	PPBV		92
67) 1,2,4-TRIMETHYLBENZENE	17.773	105	667337	9.22	PPBV		92
68) m-DICHLOROBENZENE	17.956	146	376926	8.93	PPBV		95
69) BENZYL CHLORIDE	17.935	91	495882	9.39	PPBV		92
70) p-DICHLOROBENZENE	18.031	146	363394	9.46	PPBV		95
71) o-DICHLOROBENZENE	18.418	146	351443	8.83	PPBV		94
72) HEXACHLOROBUTADIENE	20.812	225	109280	5.97	PPBV		96
73) 1,2,4-TRICHLOROBENZENE	20.320	180	58694	7.40	PPBV		93

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3393.D
Acq On : 16 May 2007 9:18 am
Operator : PhilipB
Sample : ICC185-10 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 09:49:12 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 09:04:38 2007
Response via : Initial Calibration



Quantitation Report (Qedit)

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Data Path : C:\msdchem\1\DATA\
Data File : Q3393.D
Acq On    : 16 May 2007   9:18 am
Operator  : PhilipB
Sample    : ICC185-10 (M060)
Misc      : MS13535,MSQ185,,,,,1
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: May 16 09:48:43 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 09:04:38 2007
Response via : Initial Calibration
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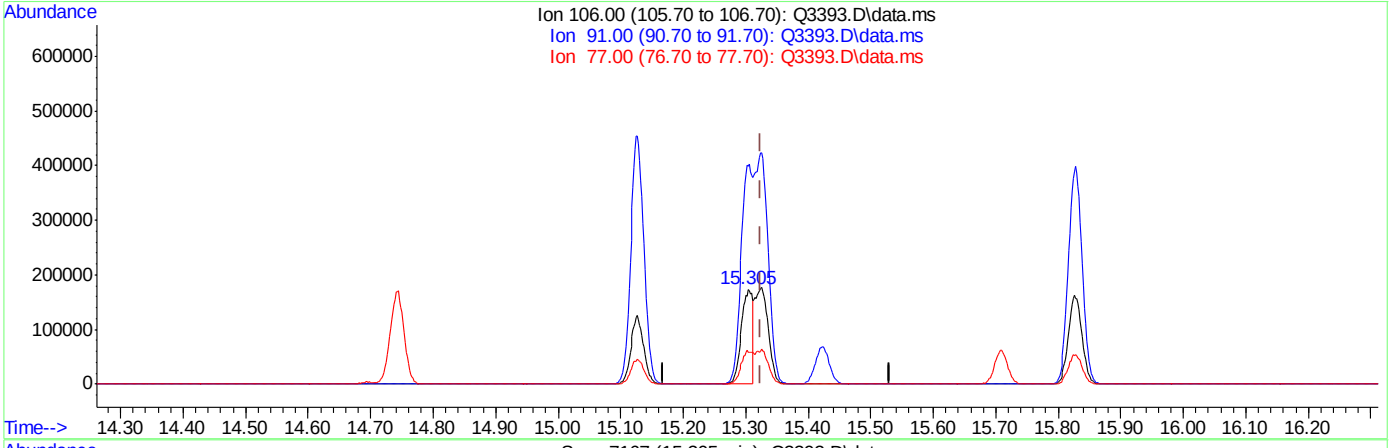
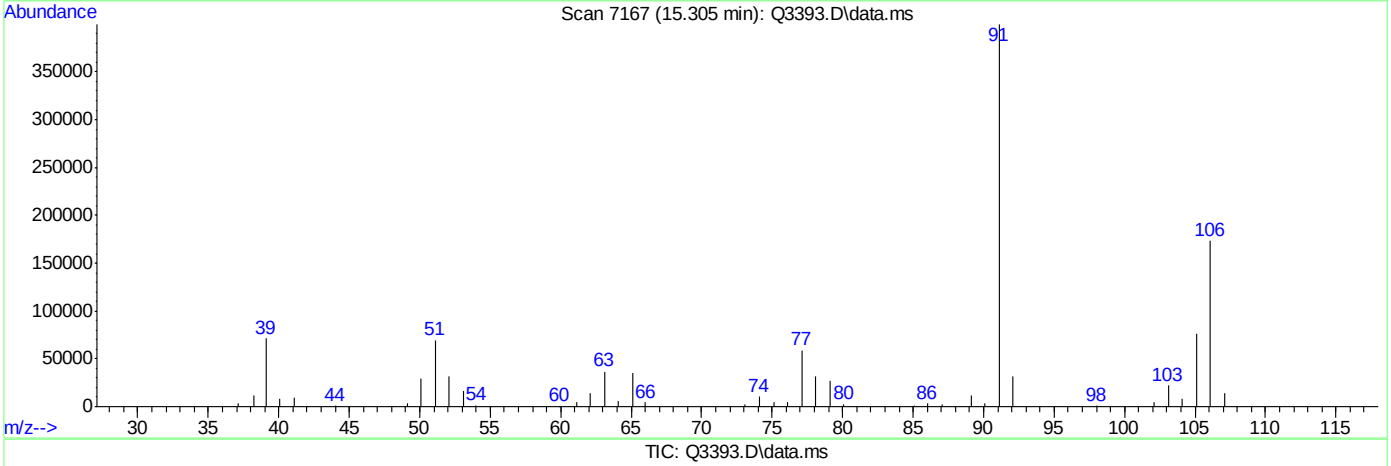




TIC: Q3393.D\data.ms

(56) m,p-XYLENE (m)

15.305min (-0.020) 7.78PPBV

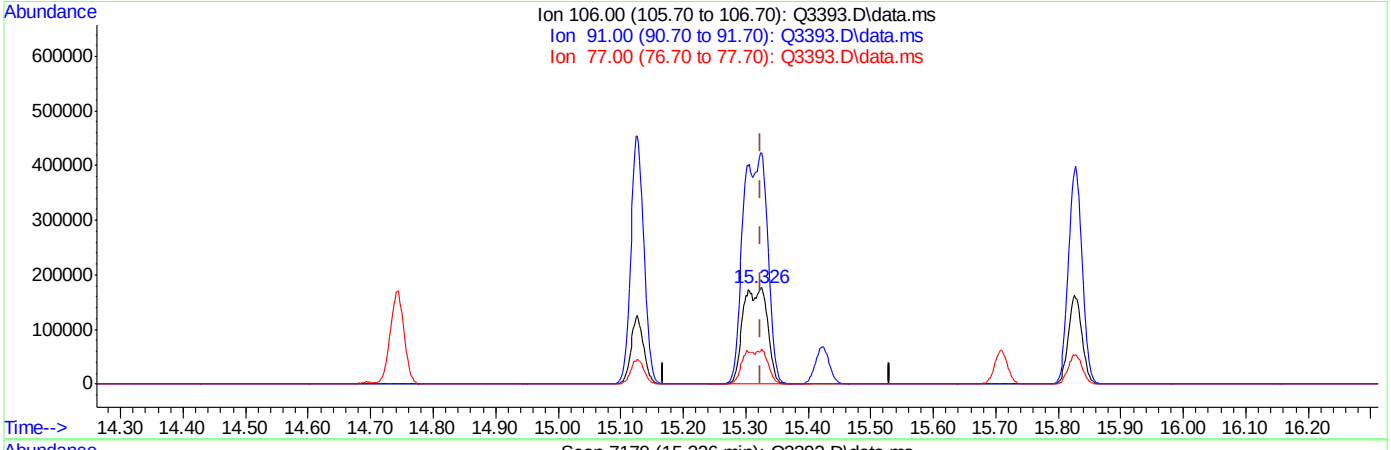
response 219256

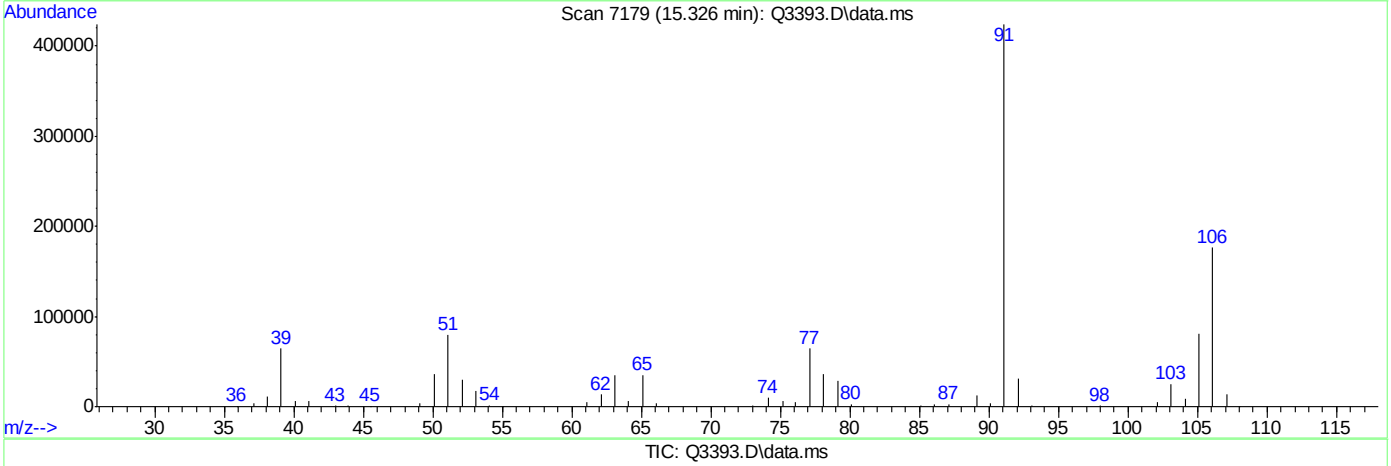
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	230.78
77.00	30.60	33.97
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3393.D
Acq On : 16 May 2007 9:18 am
Operator : PhilipB
Sample : ICC185-10 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 09:48:43 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 09:04:38 2007
Response via : Initial Calibration





TIC: Q3393.D\data.ms

(56) m,p-XYLENE (m)

15.326min (+0.002) 17.14PPBV m

response 483204

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	240.28
77.00	30.60	36.64
0.00	0.00	0.00

Q3394.D

Manual Integrations APPROVED (compounds with "m" flag)

Doug Yargeau 05/16/07 18:03

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3394.D
Acq On : 16 May 2007 10:02 am
Operator : PhilipB
Sample : IC185-.5 (M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 16 11:07:11 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:05:58 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.420	128	123785	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.342	114	544363	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	433498	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.336	95	163800	4.40	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 88.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.589	85	78573	0.76	PPBV	84
3) PROPYLENE	3.520	41	28499	0.78	PPBV	85
4) FREON 114	3.854	85	79580	0.76	PPBV #	100
5) CHLOROMETHANE	3.755	50	37047	0.80	PPBV	98
6) VINYL CHLORIDE	3.980	62	30148	0.79	PPBV #	71
7) 1,3-BUTADIENE	4.117	39	29128	0.75	PPBV #	100
8) BROMOMETHANE	4.397	94	27211	0.82	PPBV #	100
9) CHLOROETHANE	4.571	64	12491	0.77	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.389	101	86489	0.76	PPBV #	100
11) ISOPROPYL ALCOHOL	5.446	45	46246	0.64	PPBV	92
12) ACETONE	5.194	43	47163	0.67	PPBV #	72
13) PENTANE	5.765	42	24090	0.68	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.064	96	23806	0.78	PPBV #	24
15) CARBON DISULFIDE	6.516	76	51486	0.70	PPBV #	52
16) ETHANOL	4.672	45	11525	0.67	PPBV #	100
17) BROMOETHENE	4.940	106	27247	0.81	PPBV #	100
18) METHYLENE CHLORIDE	6.188	84	29496	0.86	PPBV #	1
19) 3-CHLOROPROPENE	6.319	39	25770	0.87	PPBV #	1
20) FREON 113	6.466	151	22479	0.42	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.176	96	12510	0.48	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.101	59	44173	0.68	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.444	73	30802	0.51	PPBV #	100
24) TETRAHYDROFURAN	8.963	42	16878	0.45	PPBV #	100
25) HEXANE	8.456	57	22534	0.55	PPBV #	100
26) VINYL ACETATE	7.531	43	36992	0.55	PPBV	86
27) 1,1-DICHLOROETHANE	7.389	63	29542	0.56	PPBV #	100
28) METHYL ETHYL KETONE	7.797	43	33134	0.45	PPBV	93
29) cis-1,2-DICHLOROETHYLENE	8.248	96	12916	0.65	PPBV #	100
30) ETHYL ACETATE	8.461	43	55799	0.46	PPBV #	100
31) CHLOROFORM	8.545	83	34589	0.62	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.547	97	37708	0.67	PPBV	92
33) CARBON TETRACHLORIDE	10.158	117	40563	0.65	PPBV	96
34) 1,2-DICHLOROETHANE	9.292	62	27690	0.61	PPBV	98
36) BENZENE	10.007	78	33514	0.59	PPBV	90
37) CYCLOHEXANE	10.286	84	12568	0.66	PPBV #	50
38) TRICHLOROETHYLENE	11.049	95	19884	0.64	PPBV	92
39) 1,2-DICHLOROPROPANE	10.818	63	15239	0.57	PPBV #	66
40) BROMODICHLOROMETHANE	11.008	83	32272	0.61	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.074	57	71387	0.54	PPBV	93
42) 1,4-DIOXANE	11.044	88	4899	0.48	PPBV #	37
43) HEPTANE	11.324	43	27629	0.49	PPBV #	81

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3394.D
Acq On : 16 May 2007 10:02 am
Operator : PhilipB
Sample : IC185-.5 (M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 16 11:07:11 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:05:58 2007
Response via : Initial Calibration

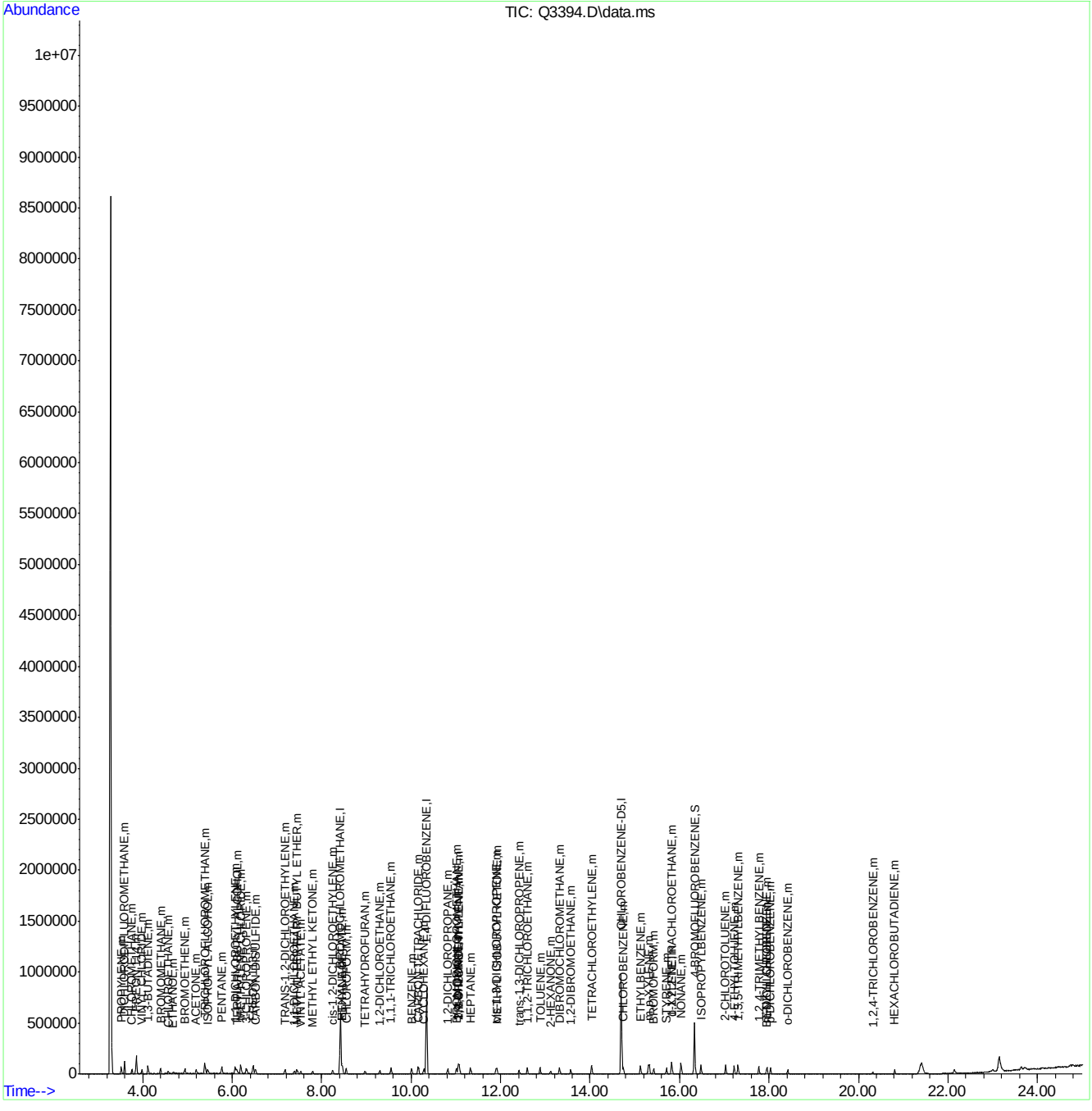
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.919	43	35804	0.44	PPBV	94
45) cis-1,3-DICHLOROPROPENE	11.897	75	19250	0.54	PPBV	98
46) TOLUENE	12.880	92	22201	0.59	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.410	75	17329	0.56	PPBV #	98
48) 1,1,2-TRICHLOROETHANE	12.593	83	13014	0.57	PPBV	95
50) 2-HEXANONE	13.118	43	22462	0.37	PPBV	96
51) TETRACHLOROETHYLENE	14.036	164	13758	0.74	PPBV #	82
52) DIBROMOCHLOROMETHANE	13.315	129	29372	0.68	PPBV	99
53) 1,2-DIBROMOETHANE	13.571	107	25121	0.67	PPBV	97
54) CHLOROBENZENE	14.739	112	30957	0.67	PPBV	91
55) ETHYLBENZENE	15.127	91	48960	0.61	PPBV	96
56) m,p-XYLENE	15.324	106	36245m	1.22	PPBV	
57) o-XYLENE	15.827	106	17791	0.58	PPBV	94
58) STYRENE	15.709	104	20201	0.53	PPBV	99
59) NONANE	16.032	43	42603	0.52	PPBV	83
60) BROMOFORM	15.420	173	20773	0.61	PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.814	83	21395	0.39	PPBV	95
63) ISOPROPYLBENZENE	16.480	105	53504	0.60	PPBV	96
64) 2-CHLOROTOLUENE	17.030	91	40444	0.58	PPBV	91
65) 4-ETHYLTOLUENE	17.222	105	41925	0.54	PPBV	93
66) 1,3,5-TRIMETHYLBENZENE	17.307	105	40933	0.54	PPBV	93
67) 1,2,4-TRIMETHYLBENZENE	17.775	105	33827	0.47	PPBV	91
68) m-DICHLOROBENZENE	17.956	146	18721	0.45	PPBV	95
69) BENZYL CHLORIDE	17.930	91	12857	0.26	PPBV	91
70) p-DICHLOROBENZENE	18.031	146	17439	0.45	PPBV	94
71) o-DICHLOROBENZENE	18.418	146	13059	0.35	PPBV	92
72) HEXACHLOROBUTADIENE	20.810	225	4318	0.30	PPBV	96
73) 1,2,4-TRICHLOROBENZENE	20.320	180	3928	0.52	PPBV	95

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3394.D
Acq On : 16 May 2007 10:02 am
Operator : PhilipB
Sample : IC185-.5 (M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 16 11:07:11 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:05:58 2007
Response via : Initial Calibration



ACCUTEST Laboratories M64701

Quantitation Report (Qedit)

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Data Path : C:\msdchem\1\DATA\
Data File : Q3394.D
Acq On    : 16 May 2007  10:02 am
Operator  : PhilipB
Sample    : IC185-.5 (M044)
Misc      : MS13535,MSQ185,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: May 16 11:07:00 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:05:58 2007
Response via : Initial Calibration
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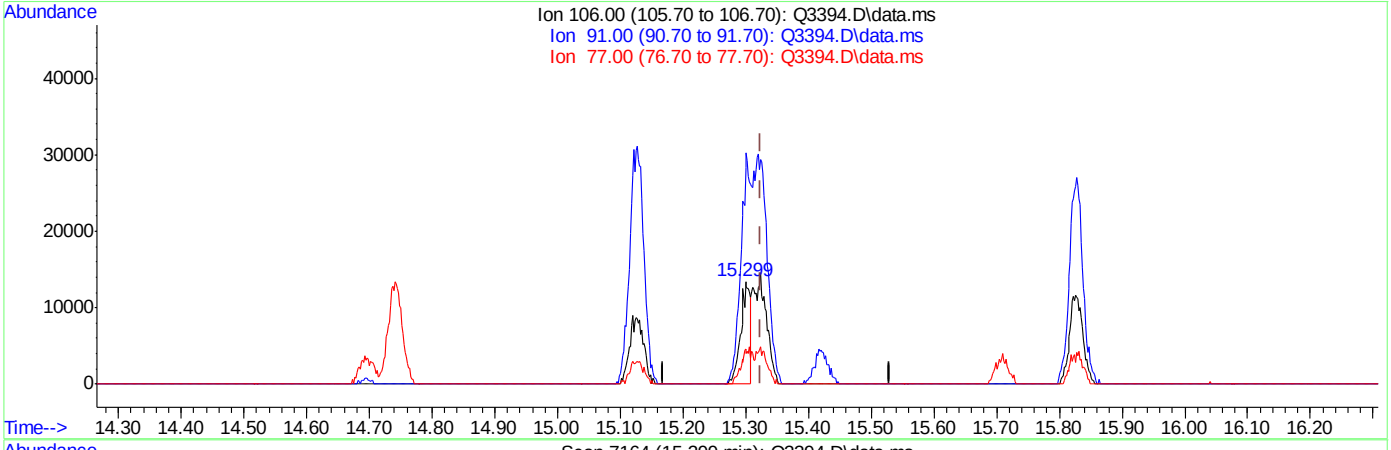

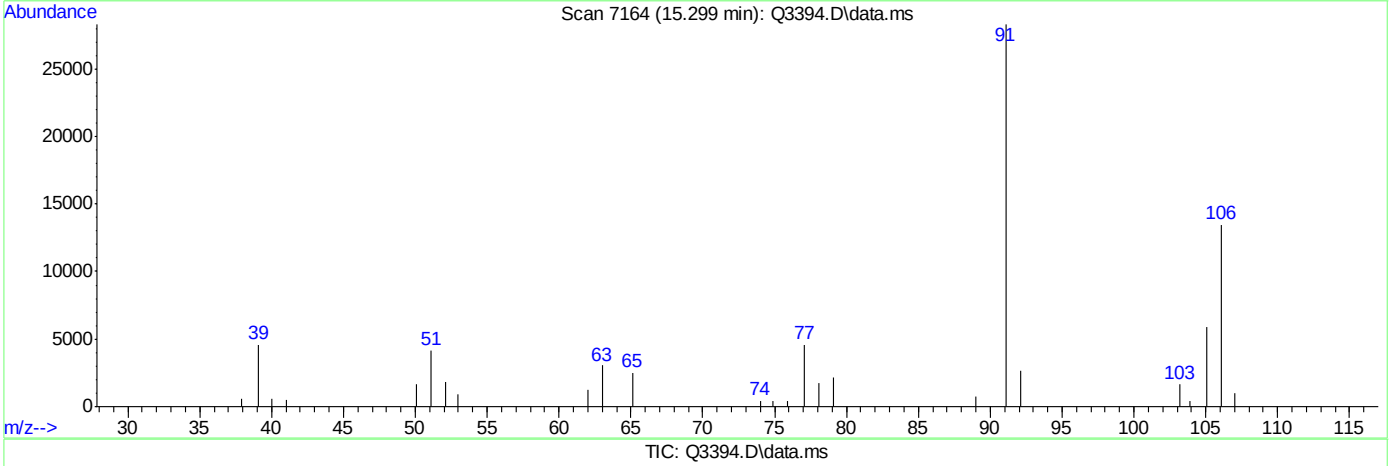

TIC: Q3394.D\data.ms

(56) m,p-XYLENE (m)

15.299min (-0.025) 0.50PPBV

response 14888

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	210.12
77.00	30.60	33.91
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3394.D
Acq On    : 16 May 2007  10:02 am
Operator  : PhilipB
Sample    : IC185-.5 (M044)
Misc      : MS13535,MSQ185,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: May 16 11:07:00 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:05:58 2007
Response via : Initial Calibration
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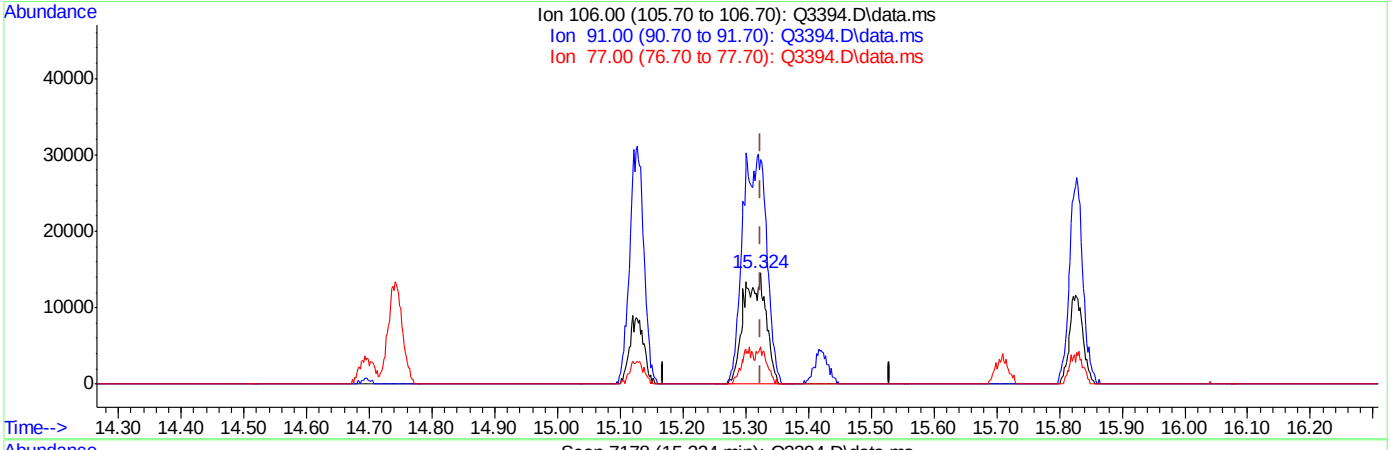
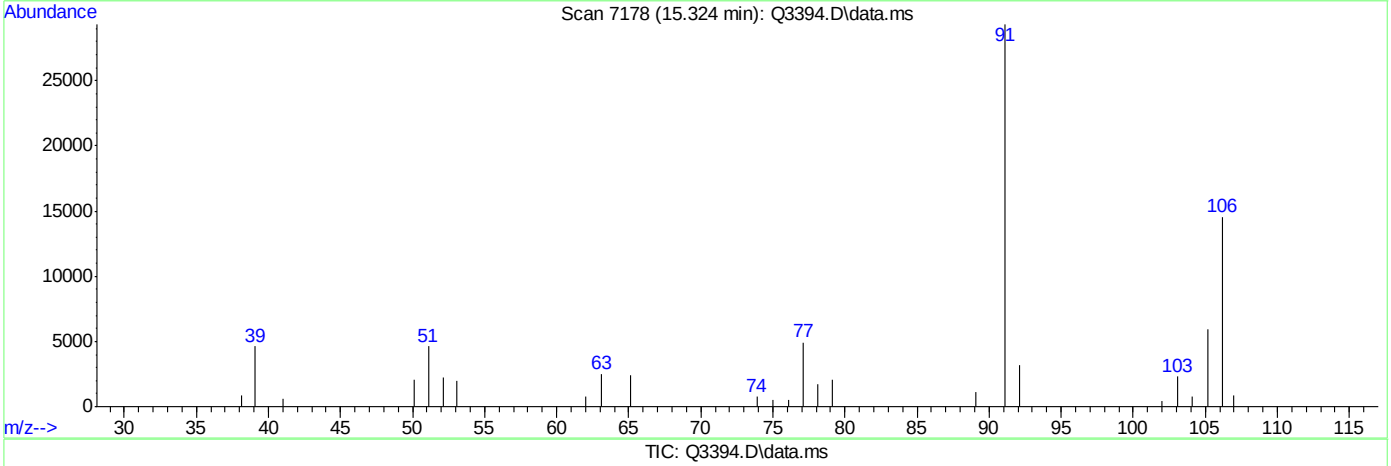




TIC: Q3394.D\data.ms

(56) m,p-XYLENE (m)

15.324min (0.000) 1.22PPBV m

response 36245

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	201.36
77.00	30.60	33.68
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/16/07 18:03

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3395.D
Acq On : 16 May 2007 11:30 am
Operator : PhilipB
Sample : ICV185-10 (M068)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 12:01:33 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.422	128	112237	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.346	114	552463	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	465922	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.334	95	203278	5.08	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 101.60%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.591	85	933615	9.96	PPBV	84
3) PROPYLENE	3.519	41	339794	10.23	PPBV #	82
4) FREON 114	3.854	85	980986	10.31	PPBV #	100
5) CHLOROMETHANE	3.758	50	431076	10.30	PPBV	96
6) VINYL CHLORIDE	3.980	62	358368	10.35	PPBV	72
7) 1,3-BUTADIENE	4.118	39	346366	9.80	PPBV #	100
8) BROMOMETHANE	4.395	94	311766	11.42	PPBV #	100
9) CHLOROETHANE	4.569	64	150791	10.27	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.387	101	998039	9.68	PPBV #	100
11) ISOPROPYL ALCOHOL	5.441	45	543958	8.26	PPBV	94
12) ACETONE	5.185	43	559095	9.55	PPBV #	72
13) PENTANE	5.767	42	270295	8.47	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.067	96	271220	9.86	PPBV #	21
15) CARBON DISULFIDE	6.521	76	548241	8.22	PPBV	67
16) ETHANOL	4.669	45	120941	8.97	PPBV #	100
17) BROMOETHENE	4.938	106	311197	11.68	PPBV #	100
18) METHYLENE CHLORIDE	6.190	84	216261	10.40	PPBV #	1
19) 3-CHLOROPROPENE	6.319	39	177450	7.81	PPBV #	1
20) FREON 113	6.468	151	475296	9.79	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.182	96	221251	9.28	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.090	59	553417	9.42	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.444	73	512460	9.34	PPBV #	100
24) TETRAHYDROFURAN	8.955	42	280511	8.29	PPBV #	100
25) HEXANE	8.458	57	296306	8.03	PPBV #	100
26) VINYL ACETATE	7.535	43	449431	7.40	PPBV	90
27) 1,1-DICHLOROETHANE	7.389	63	412351	8.58	PPBV #	100
28) METHYL ETHYL KETONE	7.792	43	660301	9.83	PPBV	85
29) cis-1,2-DICHLOROETHYLENE	8.248	96	161193	8.90	PPBV #	100
30) ETHYL ACETATE	8.463	43	884822	8.06	PPBV	100
31) CHLOROFORM	8.554	83	444254	8.73	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.551	97	507726	9.90	PPBV	91
33) CARBON TETRACHLORIDE	10.158	117	574233	10.21	PPBV	94
34) 1,2-DICHLOROETHANE	9.297	62	401657	9.78	PPBV	99
36) BENZENE	10.012	78	467969	8.15	PPBV	90
37) CYCLOHEXANE	10.286	84	179321	9.32	PPBV #	43
38) TRICHLOROETHYLENE	11.049	95	273817	8.75	PPBV	91
39) 1,2-DICHLOROPROPANE	10.818	63	214608	7.85	PPBV #	65
40) BROMODICHLOROMETHANE	11.013	83	478765	8.99	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.076	57	1021733	7.62	PPBV	96
42) 1,4-DIOXANE	11.040	88	89454	8.58	PPBV #	50
43) HEPTANE	11.326	43	444377	7.75	PPBV #	79

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3395.D
Acq On : 16 May 2007 11:30 am
Operator : PhilipB
Sample : ICV185-10 (M068)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 12:01:33 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

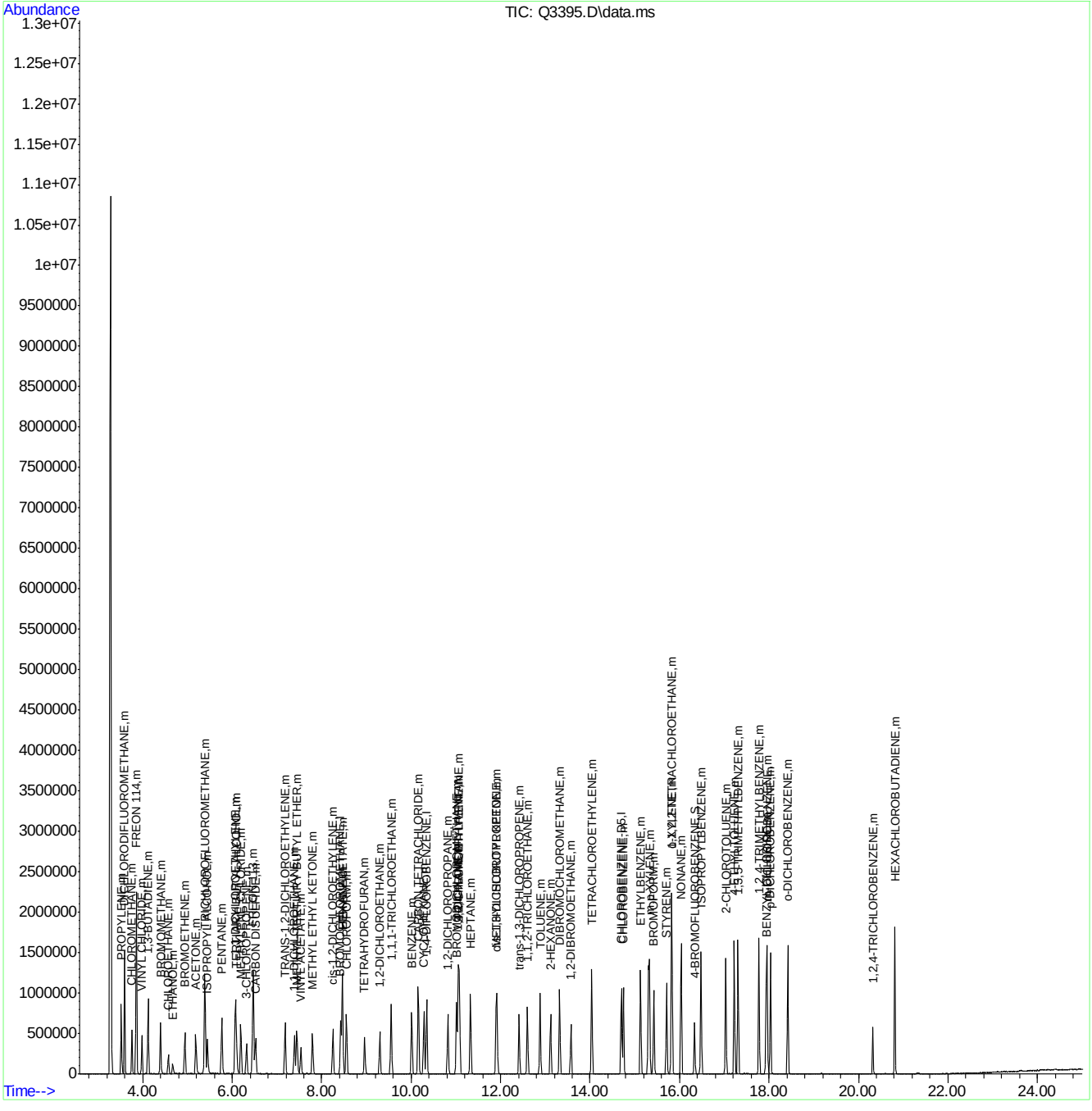
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.919	43	608279	7.38	PPBV	95
45) cis-1,3-DICHLOROPROPENE	11.895	75	296186	8.13	PPBV	100
46) TOLUENE	12.884	92	333074	8.78	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.414	75	312538	9.99	PPBV #	99
48) 1,1,2-TRICHLOROETHANE	12.598	83	181207	7.88	PPBV	95
50) 2-HEXANONE	13.117	43	535705	8.12	PPBV	98
51) TETRACHLOROETHYLENE	14.038	164	201684	12.35	PPBV #	85
52) DIBROMOCHLOROMETHANE	13.319	129	476311	10.28	PPBV	99
53) 1,2-DIBROMOETHANE	13.571	107	371418	9.23	PPBV	99
54) CHLOROBENZENE	14.744	112	456330	9.25	PPBV	94
55) ETHYLBENZENE	15.127	91	804836	9.29	PPBV	96
56) m,p-XYLENE	15.326	106	584358m	18.35	PPBV	
57) o-XYLENE	15.830	106	298030	9.05	PPBV	92
58) STYRENE	15.709	104	424241	10.29	PPBV	100
59) NONANE	16.036	43	682624	7.80	PPBV	85
60) BROMOFORM	15.422	173	404770	11.12	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.821	83	489985	8.39	PPBV	94
63) ISOPROPYLBENZENE	16.480	105	891517	9.33	PPBV	97
64) 2-CHLOROTOLUENE	17.030	91	692087	9.28	PPBV	95
65) 4-ETHYLTOLUENE	17.223	105	864394	10.28	PPBV	95
66) 1,3,5-TRIMETHYLBENZENE	17.307	105	789519	9.69	PPBV	94
67) 1,2,4-TRIMETHYLBENZENE	17.773	105	766252	9.93	PPBV	94
68) m-DICHLOROBENZENE	17.956	146	468863	10.39	PPBV	96
69) BENZYL CHLORIDE	17.935	91	591891	11.28	PPBV	94
70) p-DICHLOROBENZENE	18.031	146	451240	10.85	PPBV	95
71) o-DICHLOROBENZENE	18.420	146	472060	11.68	PPBV	95
72) HEXACHLOROBUTADIENE	20.812	225	200903	14.94	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.322	180	111042	14.53	PPBV	95

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3395.D
Acq On : 16 May 2007 11:30 am
Operator : PhilipB
Sample : ICV185-10 (M068)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 3 Sample Multiplier: 1

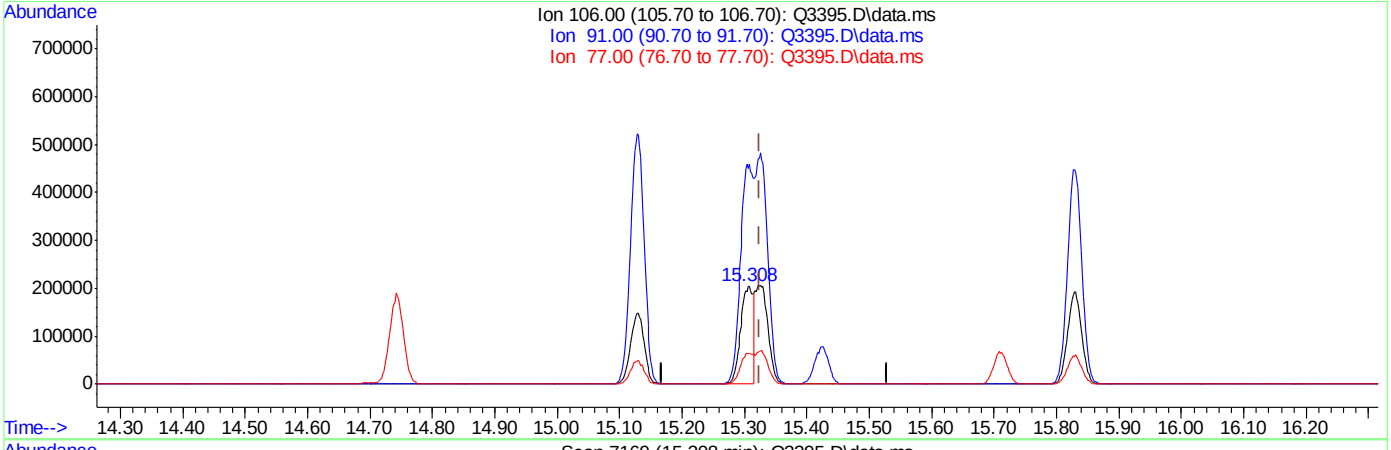
Quant Time: May 16 12:01:33 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

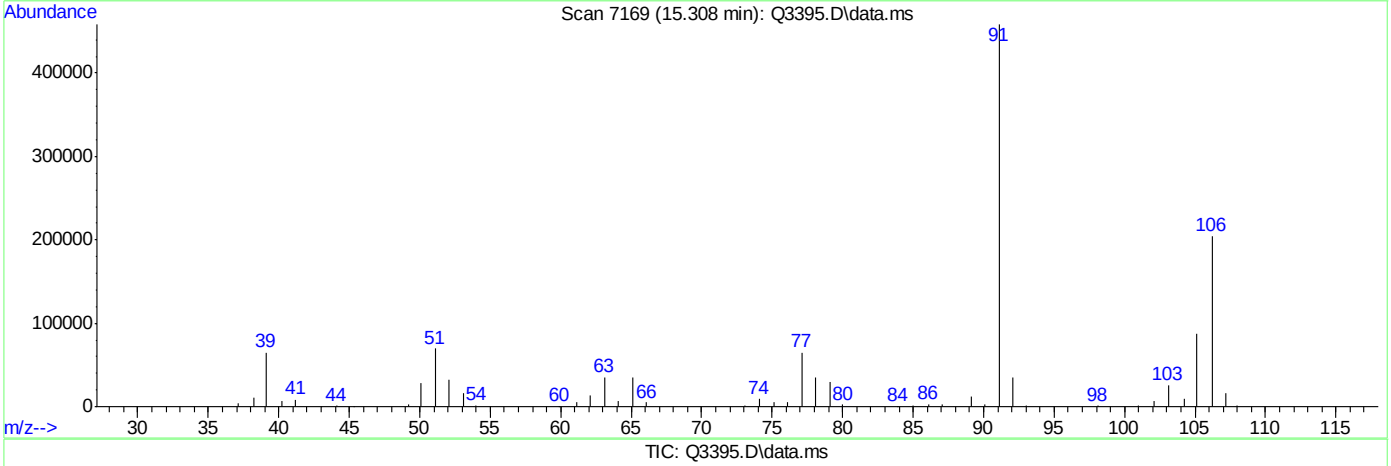


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3395.D
Acq On : 16 May 2007 11:30 am
Operator : PhilipB
Sample : ICV185-10 (M068)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 12:01:19 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3395.D\data.ms

(56) m,p-XYLENE (m)

15.308min (-0.016) 9.26PPBV

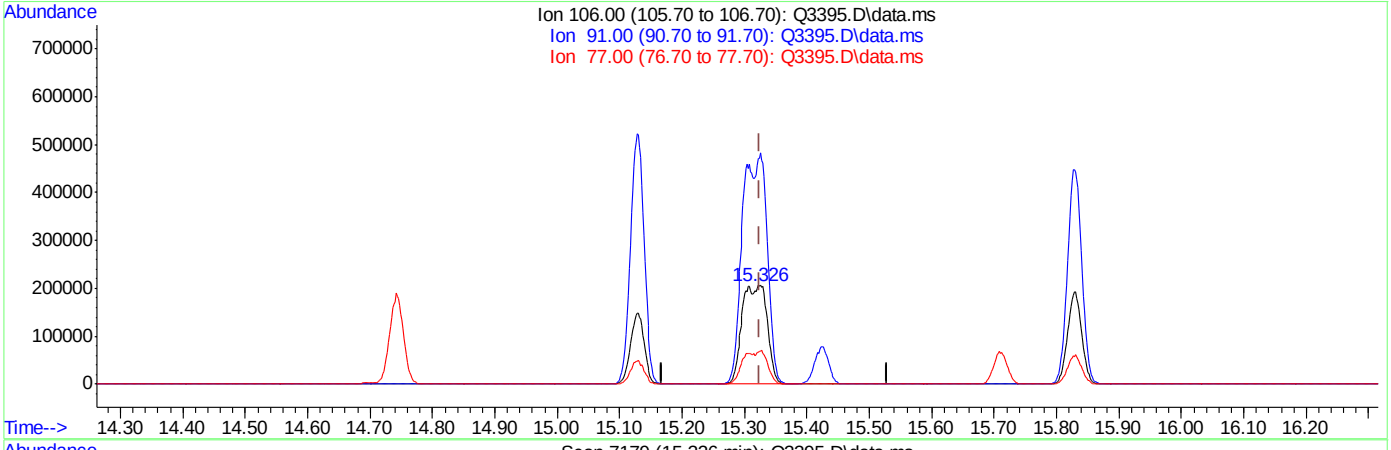
response 294924

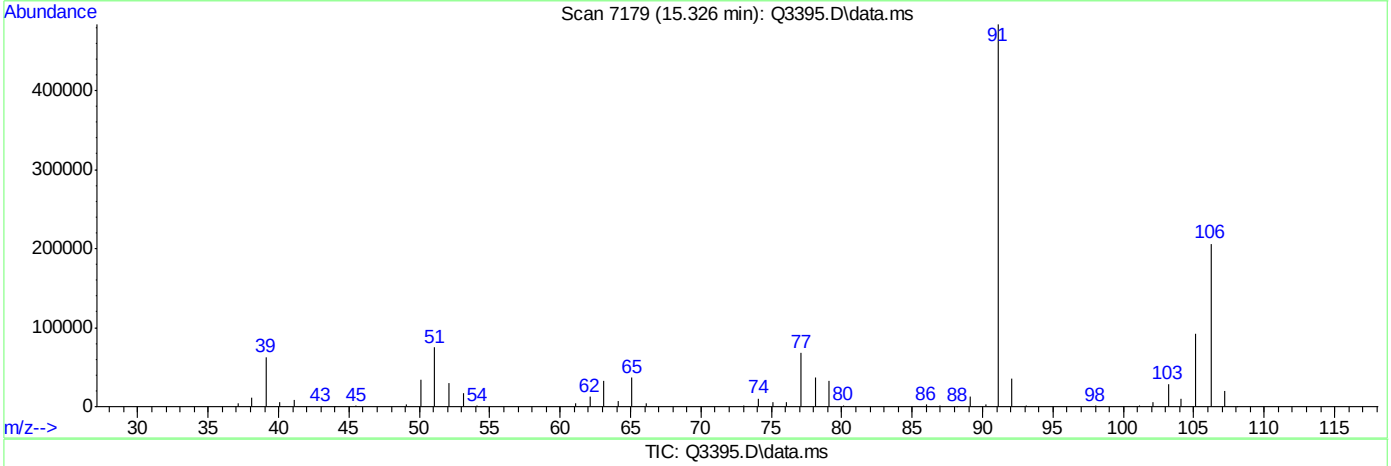
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	223.98
77.00	30.60	31.66
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3395.D
Acq On : 16 May 2007 11:30 am
Operator : PhilipB
Sample : ICV185-10 (M068)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 12:01:19 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3395.D\data.ms

(56) m,p-XYLENE (m)

15.326min (+0.002) 18.35PPBV m

response 584358

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	234.69
77.00	30.60	32.86
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/18/07 11:39

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3396.D
Acq On : 16 May 2007 12:25 pm
Operator : PhilipB
Sample : CC185-10 (M068)
Misc : MS13535,MSQ186,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 13:29:29 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.422	128	101478	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.344	114	511481	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	468169	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.336	95	210260	5.23	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 104.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.589	85	837189	9.88	PPBV	83
3) PROPYLENE	3.518	41	316625	10.55	PPBV	86
4) FREON 114	3.854	85	882633	10.26	PPBV #	100
5) CHLOROMETHANE	3.756	50	401350	10.61	PPBV	98
6) VINYL CHLORIDE	3.978	62	320468	10.24	PPBV	72
7) 1,3-BUTADIENE	4.117	39	332879	10.42	PPBV #	100
8) BROMOMETHANE	4.395	94	272061	10.97	PPBV #	100
9) CHLOROETHANE	4.571	64	134001	10.09	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.386	101	797163	8.55	PPBV #	100
11) ISOPROPYL ALCOHOL	5.439	45	416514m	7.00	PPBV	
12) ACETONE	5.183	43	431411	8.15	PPBV #	76
13) PENTANE	5.764	42	212087	7.35	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.067	96	215747	8.68	PPBV #	18
15) CARBON DISULFIDE	6.520	76	533641	8.85	PPBV	66
16) ETHANOL	4.667	45	116423	9.55	PPBV #	100
17) BROMOETHENE	4.938	106	256272	10.53	PPBV #	100
18) METHYLENE CHLORIDE	6.188	84	175159	9.18	PPBV #	1
19) 3-CHLOROPROPENE	6.319	39	179672	8.79	PPBV #	1
20) FREON 113	6.466	151	456511	10.40	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.178	96	211945	9.84	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.087	59	447978	8.44	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.441	73	489731	9.87	PPBV #	100
24) TETRAHYDROFURAN	8.956	42	307969	10.07	PPBV #	100
25) HEXANE	8.456	57	315018	9.44	PPBV #	100
26) VINYL ACETATE	7.535	43	446883	8.14	PPBV	90
27) 1,1-DICHLOROETHANE	7.391	63	401478	9.23	PPBV #	100
28) METHYL ETHYL KETONE	7.792	43	641133	10.56	PPBV	86
29) cis-1,2-DICHLOROETHYLENE	8.250	96	149414	9.13	PPBV #	100
30) ETHYL ACETATE	8.463	43	1031386	10.39	PPBV	100
31) CHLOROFORM	8.552	83	439265	9.54	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.547	97	465786	10.05	PPBV	90
33) CARBON TETRACHLORIDE	10.158	117	523445	10.29	PPBV	94
34) 1,2-DICHLOROETHANE	9.295	62	379207	10.21	PPBV	99
36) BENZENE	10.012	78	425494	8.01	PPBV	88
37) CYCLOHEXANE	10.286	84	160140	8.99	PPBV #	33
38) TRICHLOROETHYLENE	11.051	95	255889	8.83	PPBV #	86
39) 1,2-DICHLOROPROPANE	10.822	63	204012	8.06	PPBV #	65
40) BROMODICHLOROMETHANE	11.012	83	450292	9.13	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.075	57	1025180	8.26	PPBV #	94
42) 1,4-DIOXANE	11.043	88	81086	8.40	PPBV #	21
43) HEPTANE	11.327	43	471253	8.88	PPBV #	75

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3396.D
Acq On : 16 May 2007 12:25 pm
Operator : PhilipB
Sample : CC185-10 (M068)
Misc : MS13535,MSQ186,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 13:29:29 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

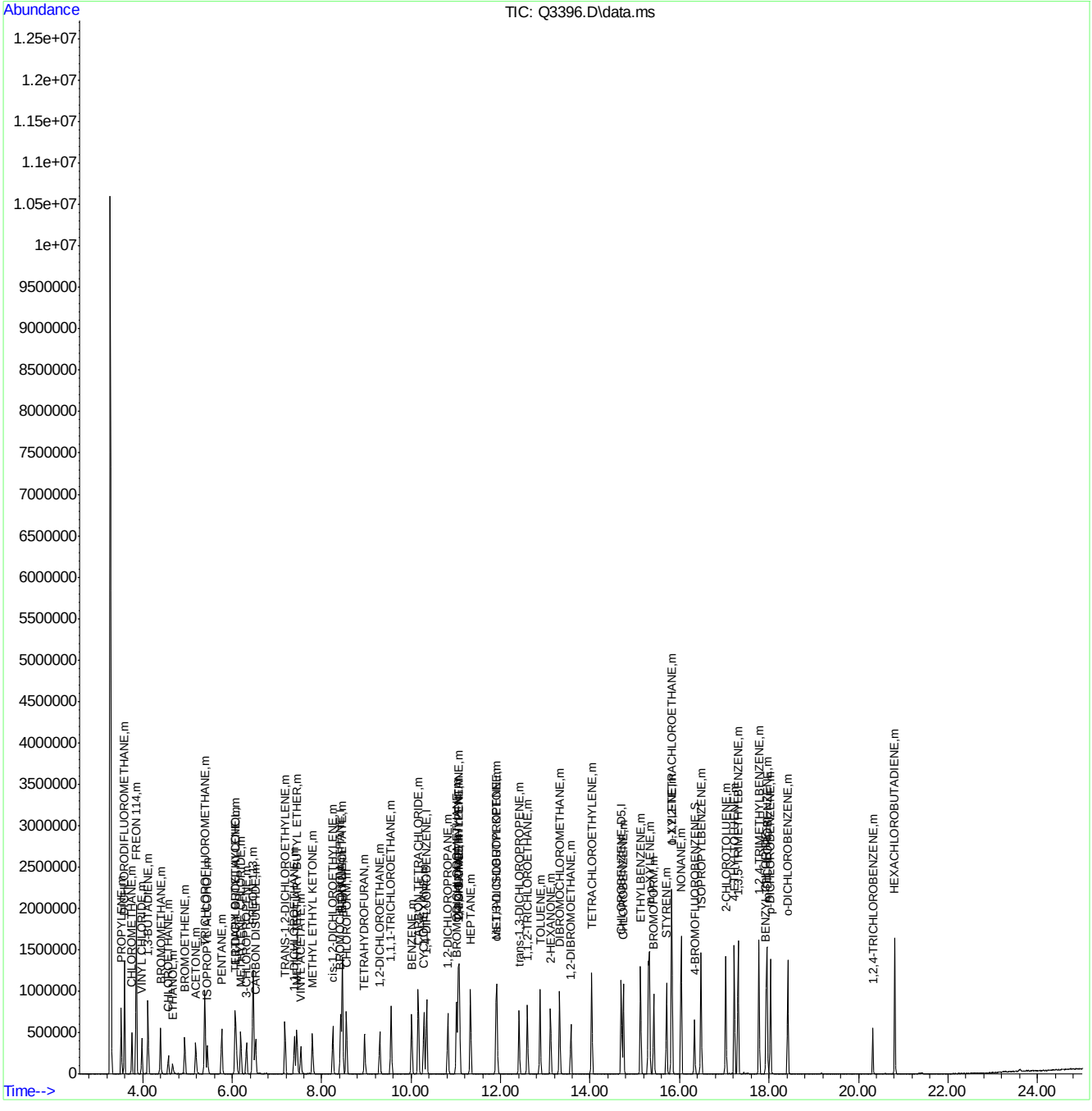
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.917	43	690684	9.05	PPBV	91
45) cis-1,3-DICHLOROPROPENE	11.895	75	293113	8.70	PPBV	89
46) TOLUENE	12.880	92	314175	8.94	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.410	75	307965	10.63	PPBV #	99
48) 1,1,2-TRICHLOROETHANE	12.598	83	172616	8.11	PPBV	93
50) 2-HEXANONE	13.115	43	606351	9.15	PPBV	93
51) TETRACHLOROETHYLENE	14.036	164	176825	11.02	PPBV #	81
52) DIBROMOCHLOROMETHANE	13.319	129	436514	9.38	PPBV	99
53) 1,2-DIBROMOETHANE	13.573	107	349008	8.63	PPBV	98
54) CHLOROBENZENE	14.740	112	425898	8.59	PPBV	89
55) ETHYLBENZENE	15.127	91	792019	9.10	PPBV	94
56) m,p-XYLENE	15.326	106	561105m	17.54	PPBV	
57) o-XYLENE	15.828	106	281319	8.51	PPBV #	88
58) STYRENE	15.708	104	390785	9.44	PPBV	98
59) NONANE	16.036	43	737369	8.39	PPBV	82
60) BROMOFORM	15.424	173	357045	9.76	PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.819	83	475988	8.11	PPBV	94
63) ISOPROPYLBENZENE	16.481	105	832886	8.68	PPBV	96
64) 2-CHLOROTOLUENE	17.033	91	652550	8.71	PPBV	92
65) 4-ETHYLTOLUENE	17.225	105	809350	9.58	PPBV	93
66) 1,3,5-TRIMETHYLBENZENE	17.308	105	749228	9.15	PPBV	93
67) 1,2,4-TRIMETHYLBENZENE	17.773	105	730675	9.43	PPBV	92
68) m-DICHLOROBENZENE	17.958	146	418170	9.22	PPBV	95
69) BENZYL CHLORIDE	17.933	91	559153	10.60	PPBV	93
70) p-DICHLOROBENZENE	18.033	146	395868	9.47	PPBV	95
71) o-DICHLOROBENZENE	18.419	146	406545	10.01	PPBV	96
72) HEXACHLOROBUTADIENE	20.810	225	163831	12.99	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.322	180	92517	12.74	PPBV	95

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3396.D
Acq On : 16 May 2007 12:25 pm
Operator : PhilipB
Sample : CC185-10 (M068)
Misc : MS13535,MSQ186,,,,,1
ALS Vial : 3 Sample Multiplier: 1

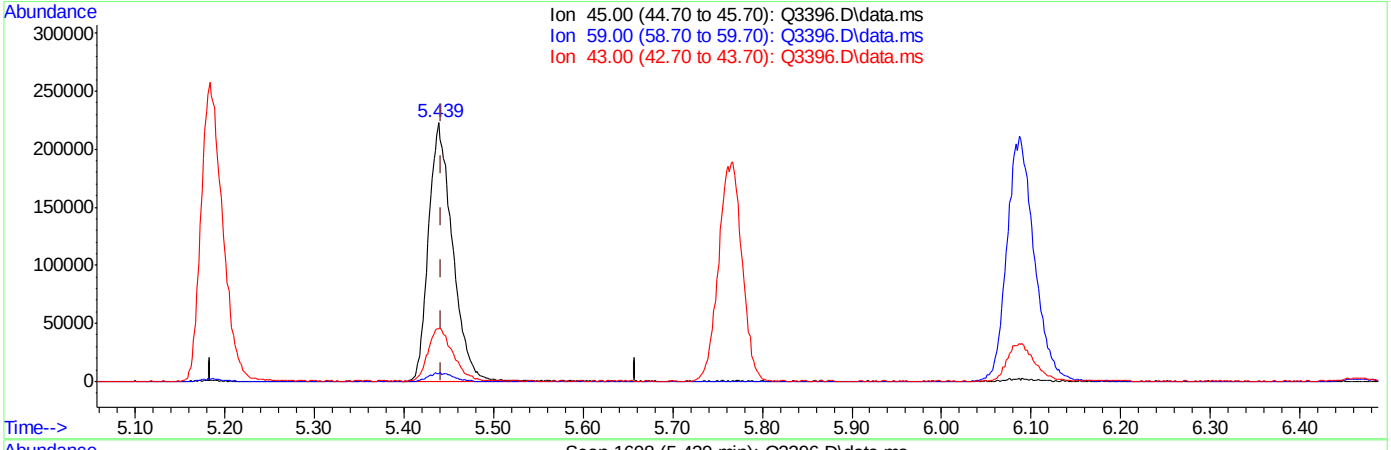
Quant Time: May 16 13:29:29 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

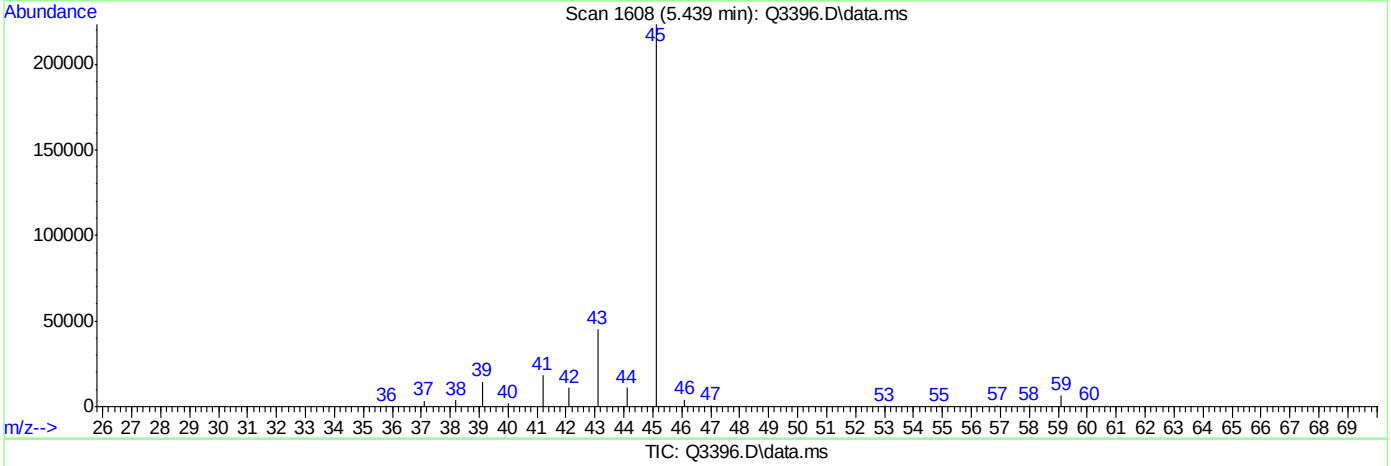


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3396.D
Acq On : 16 May 2007 12:25 pm
Operator : PhilipB
Sample : CC185-10 (M068)
Misc : MS13535,MSQ186,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 13:28:09 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3396.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.439min (-0.004) 6.93PPBV

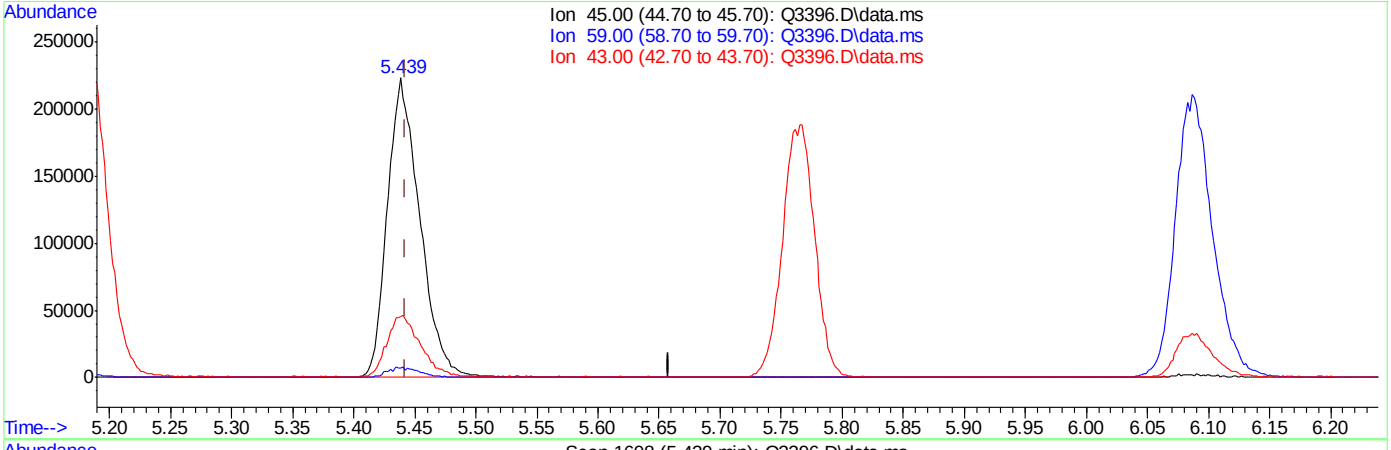
response 412460

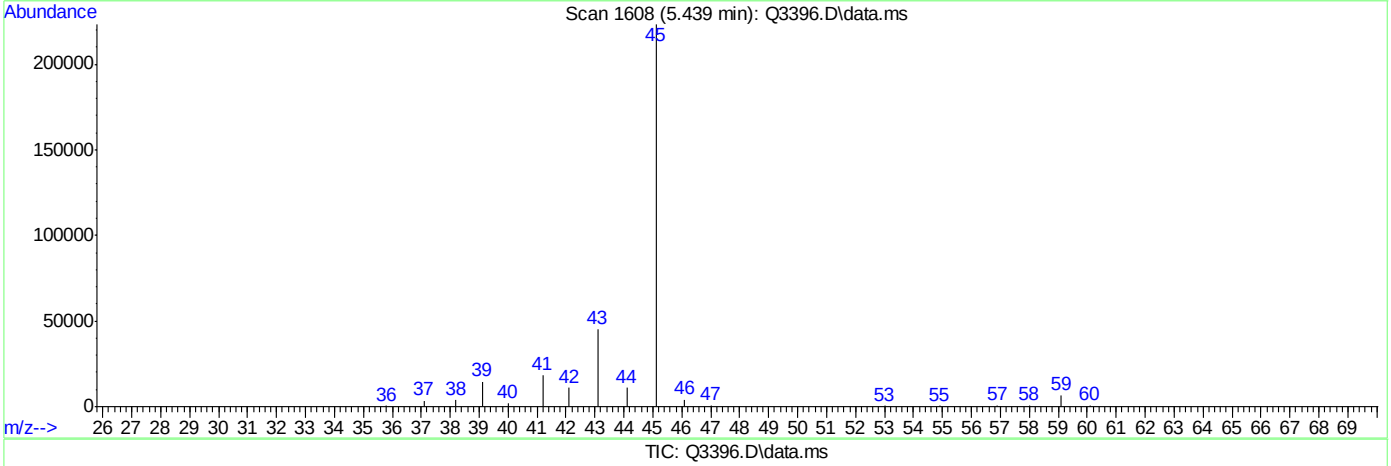
Ion	Exp%	Act%
45.00	100	100
59.00	2.80	3.09
43.00	22.80	20.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3396.D
Acq On : 16 May 2007 12:25 pm
Operator : PhilipB
Sample : CC185-10 (M068)
Misc : MS13535,MSQ186,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 13:28:09 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3396.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.439min (-0.004) 7.00PPBV m

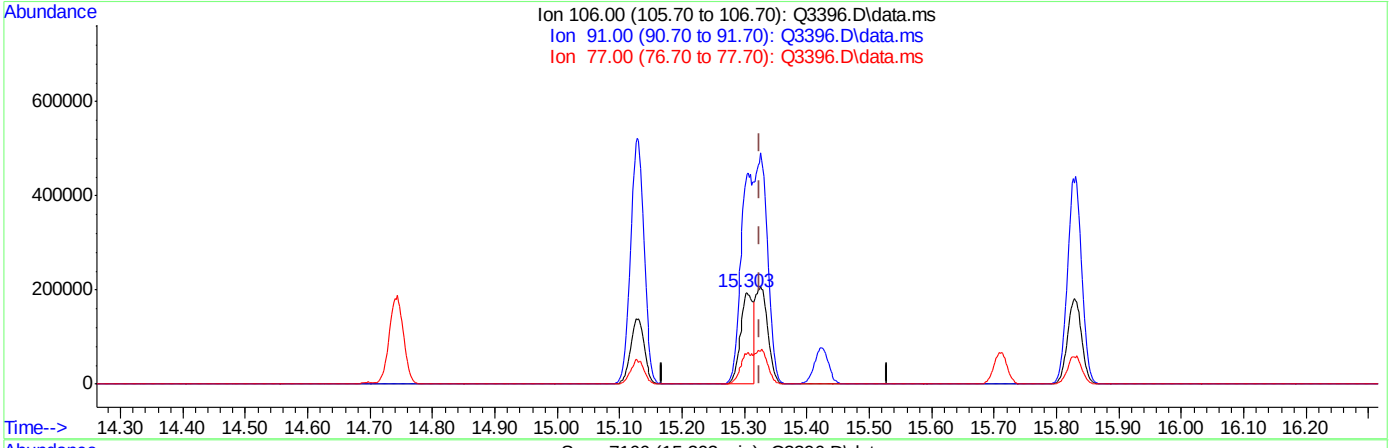
response 416514

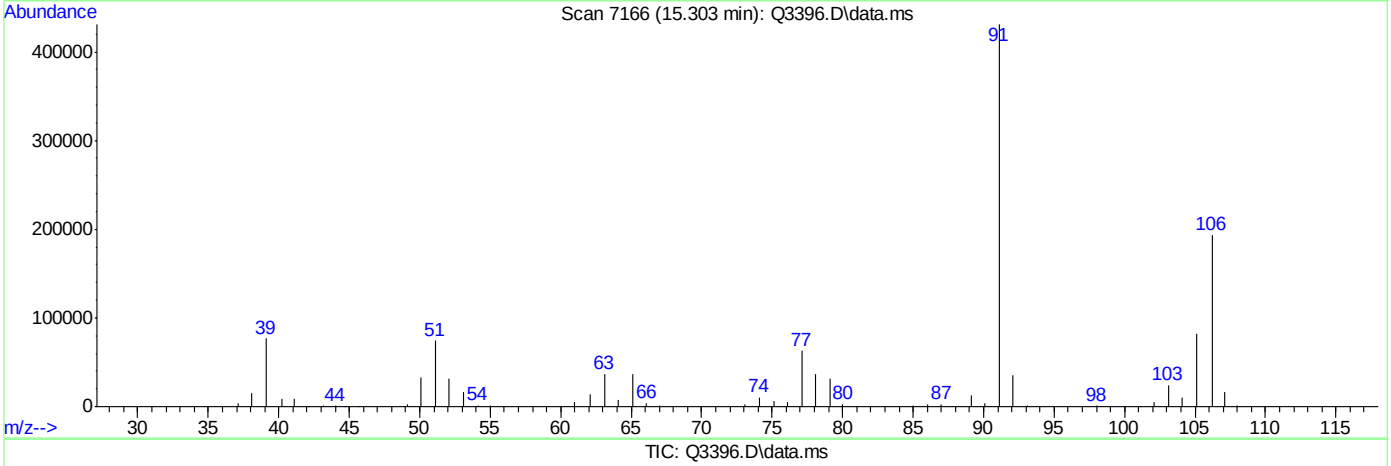
Ion	Exp%	Act%
45.00	100	100
59.00	2.80	3.09
43.00	22.80	20.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3396.D
Acq On : 16 May 2007 12:25 pm
Operator : PhilipB
Sample : CC185-10 (M068)
Misc : MS13535,MSQ186,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 13:28:09 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3396.D\data.ms

(56) m,p-XYLENE (m)

15.303min (-0.021) 8.75PPBV

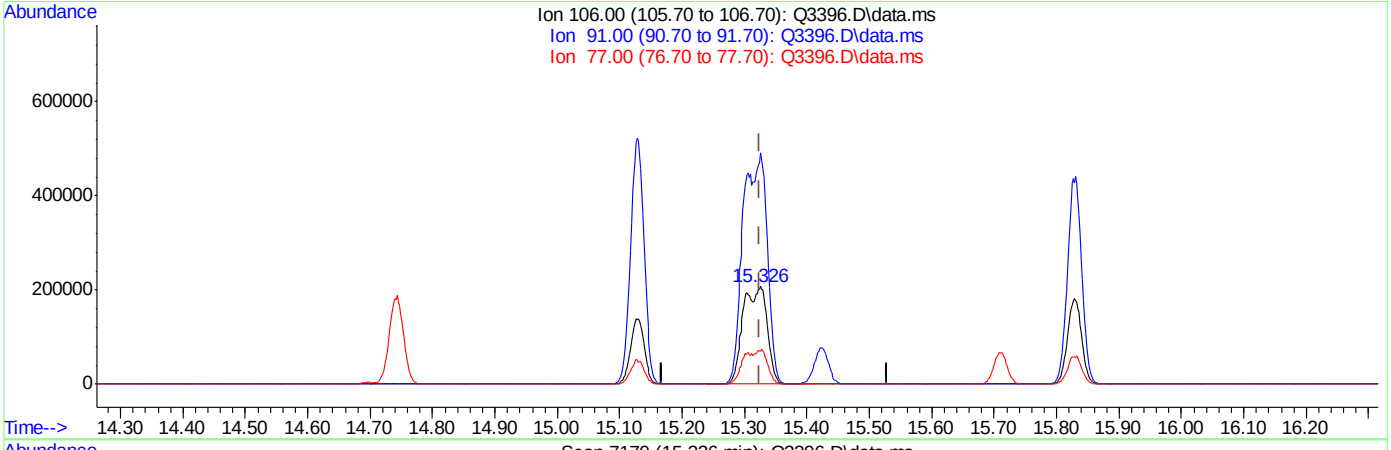
response 280032

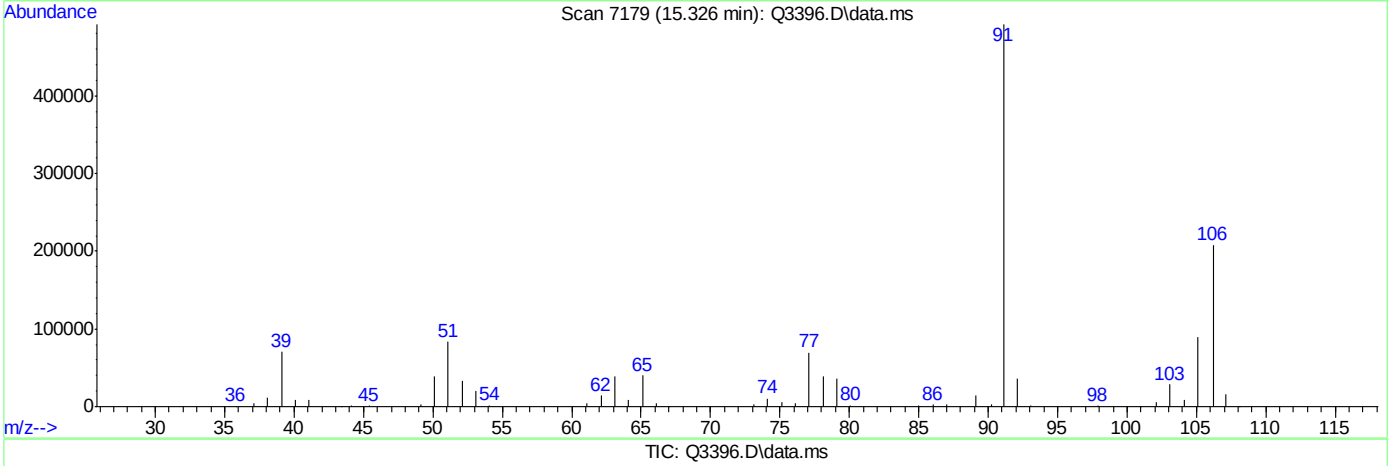
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	222.17
77.00	30.60	32.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3396.D
Acq On : 16 May 2007 12:25 pm
Operator : PhilipB
Sample : CC185-10 (M068)
Misc : MS13535,MSQ186,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 13:28:09 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3396.D\data.ms

(56) m,p-XYLENE (m)

15.326min (+0.002) 17.54PPBV m

response 561105

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	236.70
77.00	30.60	33.39
0.00	0.00	0.00

ACCUTEST Laboratories M64701

Standard Lot #	
Calib STD 1	MSA304
Calib STD 2	MSA308
ICV	MSA307
Inter/Surr STD	MSA218
BS/BSD	MSA307

File ID	
Tune File 1	J9928.D
Tune File 2	NA
Initial Cal.	4-5-07
ID FILE	J040507T.M
Instrument ID	J
ICAL:	J9935.D
Column Type:	RTX-1
Sequence Verified By:	PB 4-6-07

Date:	4/5/2007
Analyst:	PHILIPB
Batch ID:	MSJ513
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	4/6/2007 12:02:40 PM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
J9927	CC512-10	M119	MSA307	VTO15STD	4		1	NA	Failed
J9928	ICC513-10	M014	MSA304	VTO15STD	2		1	NA	O.K.; BFB
J9929	IC513-40	M014	MSA304	VTO15STD	2		1	NA	O.K.
J9930	IC513-20	M014	MSA304	VTO15STD	2		1	NA	O.K.
J9931	IC513-5	M014	MSA304	VTO15STD	2		1	NA	O.K.
J9932	IC513-2	M024	MSA308	VTO15STD	3		1	NA	O.K.
J9933	IC513-.5	M024	MSA308	VTO15STD	3		1	NA	O.K.
J9934	IC513-.2	M024	MSA308	VTO15STD	3		1	NA	O.K.
J9935	ICV513-10	MS119	MSA307	VTO15STD	4		1	NA	O.K.

Standard Lot #	
Calib STD 1	MSA304
Calib STD 2	MSA308
ICV	MSA307
Inter/Surr STD	MSA218
BS/BSD	MSA307

File ID	
Tune File 1	J10018.D
Tune File 2	NA
Initial Cal.	4-5-07
ID FILE	J-4-5-7T.M
Instrument ID	J
ICAL:	J9935.D
Column Type:	RTX-1
Sequence Verified By:	PB 4-16-07

Date:	4/13/2007
Analyst:	PHILIPB
Batch ID:	msj518
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	5/2/2007 11:02:00 AM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
J10018	CC513-10	M119	MSA307	VTO15STD	1		1	NA	O.K.; BFB
J10018A	BS	M119	MSA307	VTO15STD	1		1	NA	O.K.
J10019	MB	M138	MS13373	VTO15STD	2		1	NA	O.K.
J10019A	CERT BLK	M138	MS13373	VTO15STD	2		1	NA	O.K.
J10020	M62162-6	M027	MS13373	VTO15STD	3		1	NA	O.K.
J10021	M64022-1	M146	MS13373	VTO15STD	4		10	MC085	Re-run straight
J10022	M64022-1	M146	MS13373	VTO15STD	4		1	MC085	O.K.
J10023	M64022-1DUP	M146	MS13373	VTO15STD	4		1	MC085	O.K.
J10024	M64021-1	M103	MS13373	VTO15STD	5		1	MC092	Re-run 50X
J10025	BLK	M054	MS13373	VTO15STD	6		1	NA	O.K.
J10026	M64021-2	D001	MS13373	VTO15STD	6		1	MC006	O.K.
J10027	M64021-2	D001	MS13373	VTO15STD	6		1	MC006	Dilution not required
J10028	M64021-3	D020	MS13373	VTO15STD	7		1	MC087	Re-run 50X
J10029	M64021-3	D020	MS13373	VTO15STD	7		1	MC087	Report with J10028.D
J10030	M64021-1	D028	MS13373	VTO15STD	5		1	MC092	Re-run 50X
J10031	M64021-1	D028	MS13373	VTO15STD	5		1	MC092	Re-run 500X
J10032	BLK	M170	MS13373	VTO15STD	8		1	NA	O.K.
J10033	CERT BLK	M170	MS13373	VTO15STD	8		1	NA	O.K.
J10034	CERT BLK	M044	MS13373	VTO15STD	9		1	NA	O.K.
J10035	CERT BLK	M061	MS13373	VTO15STD	10		1	NA	O.K.
J10036	CERT BLK	M098	MS13373	VTO15STD	11		1	NA	O.K.
J10037	CERT BLK	M018	MS13373	VTO15STD	12		1	NA	O.K.
J10038	CERT BLK	M092	MS13373	VTO15STD	13		1	NA	O.K.
J10039	CERT BLK	M093	MS13373	VTO15STD	14		1	NA	O.K.
J10040	CERT BLK	M104	MS13373	VTO15STD	15		1	NA	O.K.
J10041	CERT BLK	M114	MS13373	VTO15STD	16		1	NA	O.K.

Standard Lot #	
Calib STD 1	MSA304
Calib STD 2	MSA308
ICV	MSA307
Inter/Surr STD	MSA218
BS/BSD	MSA307

File ID	
Tune File 1	J10042.D
Tune File 2	NA
Initial Cal.	4-5-07
ID FILE	J040507T.M
Instrument ID	J
ICAL:	J9935.D
Column Type:	RTX-1
Sequence Verified By:	PB 4-17-07

Date: 4/16/2007
Analyst: PHILIPB
Batch ID: MSJ518-1
Matrix: AIR
Approved By: DOUGY
Date Approved: 4/18/2007 10:14:21 AM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
J10042	CC513-10	M119	MSA307	VTO15STD	1		1	NA	O.K.; BFB
J10042A	BS1	M119	MSA307	VTO15STD	1		1	NA	O.K.
J10043	MB1	M075	MS13373	VTO15STD	2		1	NA	O.K.
J10044	M64021-1	D028	MS13373	VTO15STD	3		1000	MC087	Report with J10030.D

Standard Lot #	
Calib STD 1	MSA332
Calib STD 2	MSA333
ICV	MSA335
Inter/Surr STD	MSA218
BS/BSD	MSA335

File ID	
Tune File 1	J10277
Tune File 2	J10286A
Initial Cal.	5/9/07
ID FILE	J050907T.M
Instrument ID	J
ICAL:	J10286
Column Type:	RTX-1
Sequence Verified By:	DT 5/9/07

Date:	5/9/2007
Analyst:	DANAT
Batch ID:	msj533
Matrix:	AIR
Approved By:	PHILIPB
Date Approved:	5/15/2007 4:11:59 PM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
J10267	IC533-4		MSA273		1		1		
J10268	IC533-0.2		MSA333		2		1		
J10269	IC533-0.5		MSA333		2		1		missing compounds at reporting minimum.
J10270	IC533-2		MSA333		2		1		
J10271	IC530-40		MSA332		3		1		Raise em volts here and recalibrate.
J10272	IC533-20		MSA332		3		1		
J10273	ICC533-10		MSA332		3		1		
J10274	IC533-5		MSA332		3		1		
J10275	IC533-2		MSA333		2		1		
J10276	IC533-0.5		MSA333		2		1		Compounds still low , raise em volts and recalibrate.
J10277	IC533-0.2		MSA333		2		1		
J10278	IC533-0.5		MSA333		2		1		
J10279	IC533-40		MSA332		3		1		
J10280	IC533-20		MSA332		3		1		
J10281	ICC533-10		MSA332		3		1		
J10282	IC533-5		MSA332		3		1		
J10283	IC533-2		MSA333		2		1		
J10284	ICV533-10	m087	MSA334		4		1		compounds low , remake std.
J10285	ICV533-10	m105	MSA329		4		1		used old std with low volume , remake std.
J10286	ICV533-10	m054	MSA335		4		1		
J10286a	CC533-10	m054	MSA335		4		1		
J10286b	BS	m054	MSA335		4		1		
J10287	MB	m009			5		1		
J10288	MB	m009			5		1		
J10289	M64467-1	m126	MS13540	VTO15STD	6		1		
J10290	M64502-1	m018	MS13540	VTO15STD	7		1		
J10291	M64502-2	m194	MS13540	VTO15STD	8		100		Re-run , over calibration.
J10292	M64502-2	m194	MS13540	VTO15STD	8		1000		Re-run , over calibration.
J10293	M64467-1DUP	m126	MS13540	VTO15STD	6		1		
J10294	M64502-2	m200	MS13540	VTO15STD	8		5000		Re-make dilution , results not match original run.
J10295	M64555-1	m056	MS13540	VTO15STD	9		1		
J10296	M64555-2	m055	MS13540	VTO15STD	10		1		
J10297	M64644-1	m123	MS13540	VTO15STD	11		1		Re-run , over calibration.

J10298	M64644-2	m103	MS13540	VTO15STD	12		1		Re-run , over calibration.
J10299	M64644-3	m003	MS13540	VTO15STD	13		1		Re-run , over calibration.
J10300	M64242-1R	m099	MS13540	VTO15STD	14		1		
J10301	M64246-2R	m064	MS13540	VTO15STD	15		1		
J10302	M64247-1R	m048	MS13540	VTO15STD	16		1		
J10303	M64319-2R	m071	MS13540	VTO15STD	5		1		
J10304	SCC	m050			6		1		Re-run , internal std low.
J10305	SCC	m131			7		1		
J10306	SCC	m132			8		1		
J10307	SCC	m069			9		1		
J10308	SCC	m066			10		1		
J10309	SCC	m073			11		1		
J10310	SCC	m089			12		1		
J10311	SCC	m070			13		1		

Standard Lot #	
Calib STD 1	MSA335
Calib STD 2	NA
ICV	NA
Inter/Surr STD	MSA218
BS/BSD	MSA335

File ID	
Tune File 1	
Tune File 2	
Initial Cal.	5/9/07
ID FILE	J050907T.M
Instrument ID	J
ICAL:	J10286
Column Type:	RTX-1
Sequence Verified By:	DT 5/11/07

Date:	5/11/2007
Analyst:	DANAT
Batch ID:	msj534
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	5/24/2007 10:14:22 AM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
J10312	CC533-10	M054	MSA335		1		1		Fails high , retune MS and re-run.
J10313	CC533-10	M054	MSA335		1		1		
J10313a	BS	M054	MSA335		2		1		
J10314	MB	m050			2		1		Re-run , possible carryover.
J10315	MB	m001			3		1		
J10316	SCC	M050			2		1		
J10317	M64644-1	M123	MS13540	VTO15STD	4		20		
J10318	M64644-2	M103	MS13540	VTO15STD	5		20		
J10319	M64644-3	M003	MS13540	VTO15STD	6		20		
J10320	M64644-1DUP	M123	MS13540	VTO15STD	4		20		
J10321	M64698-1	M033	MS13551	VTO15STD	7		1		
J10322	M64699-1	M100	MS13551	VTO15STD	8		1		Re-run , low internal standard response.
J10323	M64700-1	m135	MS13551	VTO15STD	9		1		Re-run @ 5x , over calibration.
J10324	M64701-1	m061	MS13551	VTO15STD	10		1		Re-run @ 100x , over calibration.

Standard Lot #	
Calib STD 1	MSA336
Calib STD 2	MSA337
ICV	MSA338
Inter/Surr STD	MSA218
BS/BSD	NA

File ID	
Tune File 1	Q3387.D
Tune File 2	NA
Initial Cal.	5-15-07
ID FILE	Q051507T.M
Instrument ID	Q
ICAL:	Q3395.D
Column Type:	RTX-1
Sequence Verified By:	PB 5-16-07

Date:	5/15/2007
Analyst:	PHILIPB
Batch ID:	MSQ185
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	5/24/2007 10:13:46 AM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
Q3380	BLK	M026	NA	VTO15STD	1		1	NA	O.K.
Q3381	BLK	M026	NA	VTO15STD	2		1	NA	O.K.
Q3382	CC180-10	M148	NA	VTO15STD	3		1	NA	Failed; re-cal
Q3383	40 PPBV	M060	MSA336	VTO15STD	4		1	NA	Late end Contamination.
Q3384	20 PPBV	M060	MSA336	VTO15STD	5		1	NA	Late end Contamination.
Q3385	10 PPBV	M060	MSA336	VTO15STD	6		1	NA	Late end Contamination.
Q3386	5 PPBV	M060	MSA336	VTO15STD	7		1	NA	Late end Contamination.
Q3387	IC185-2	M060	MSA336	VTO15STD	8		1	NA	O.K.; BFB
Q3388	IC185-.5	M044	MSA337	VTO15STD	9		1	NA	Pulse gas depleted; carry over from previous run.
Q3389	IC185-.2	M044	MSA337	VTO15STD	10		1	NA	O.K.
Q3390	IC185-40	M060	MSA336	VTO15STD	11		1	NA	O.K.
Q3391	IC185-5	M060	MSA336	VTO15STD	12		1	NA	O.K.
Q3392	IC185-20	M060	MSA336	VTO15STD	13		1	NA	O.K.
Q3393	IC185-10	M060	MSA336	VTO15STD	14		1	NA	O.K.
Q3394	IC185-.5	M044	MSA337	VTO15STD	15		1	NA	O.K.
Q3395	ICV185-10	M068	MSA338	VTO15STD	16		1	NA	O.K.

Standard Lot #	
Calib STD 1	MSA336
Calib STD 2	MSA337
ICV	MSA338
Inter/Surr STD	MSA218
BS/BSD	MSA338

File ID	
Tune File 1	Q3396.D
Tune File 2	NA
Initial Cal.	5-15-07
ID FILE	Q051507T.M
Instrument ID	Q
ICAL:	Q3395.D
Column Type:	RTX-1
Sequence Verified By:	PB 5-17-07

Date:	5/16/2007
Analyst:	PHILIPB
Batch ID:	MSQ186
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	5/18/2007 11:44:27 AM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
Q3396	CC185-10	M068	MSA338	VTO15STD	3		1	NA	O.K.; BFB
Q3396A	BS	M068	MSA338	VTO15STD	3		1	NA	O.K.
Q3397	MB	M128	MS13579	VTO15STD	4		1	NA	Can contaminated; re-clean
Q3398	MB	M142	MS13579	VTO15STD	4		1	NA	O.K.
Q3398A	M64987-1	M142	MS13579	VTO15STD	4		1	NA	O.K.; Certification Blank.
Q3399	M64701-1	M061	MS13551	VTO15STD	5		20	MC104	Report with J10324.D
Q3400	M64987-2	M125	MS13579	VTO15STD	6		1	NA	O.K.; Certification Blank.
Q3401	M64987-3	M149	MS13579	VTO15STD	7		1	NA	O.K.; Certification Blank.
Q3402	M64698-2RDUP	M094	MS13579	VTO15STD	8		1	MC121	O.K.
Q3403	M64698-2R	M094	MS13579	VTO15STD	8		1	MC121	Re-run 4X
Q3404	M64743-2	M021	MS13579	VTO15STD	9		1	MC106	O.K.
Q3405	M64743-2	M021	MS13579	VTO15STD	9		10	MC106	Dilution not required
Q3406	M64782-2	M082	MS13579	VTO15STD	10		1	MC118	O.K.
Q3407	M64782-2	M082	MS13579	VTO15STD	10		10	MC118	Dilution not required
Q3408	M64987-4	M033	MS13579	VTO15STD	11		1	NA	O.K.; Certification Blank.
Q3409	M64987-5	M157	MS13579	VTO15STD	12		1	NA	O.K.; Certification Blank.
Q3410	M64987-6	M143	MS13579	VTO15STD	13		1	NA	O.K.; Certification Blank.
Q3411	M64987-7	M103	MS13579	VTO15STD	14		1	NA	O.K.; Certification Blank.
Q3412	BLK	M003	MS13579	VTO15STD	15		1	NA	ISTD Low; re-run
Q3413	BLK	M016	MS13579	VTO15STD	16		1	NA	ISTD Low; re-run
Q3414	BLK	M124	MS13579	VTO15STD	1		1	NA	ISTD Low; re-run
Q3415	BLK	M123	MS13579	VTO15STD	2		1	NA	ISTD Low; re-run
Q3416	BLK	M128	MS13579	VTO15STD	3		1	NA	ISTD Low; re-run
Q3417	BLK	M027	MS13579	VTO15STD	4		1	NA	ISTD Low; re-run
Q3418	BLK	M100	MS13579	VTO15STD	5		1	NA	ISTD Low; re-run
Q3419	BLK	M064	MS13579	VTO15STD	6		1	NA	ISTD Low; re-run
Q3420	FCB067	M180	MS13579	VTO15STD	7		1	MC063	O.K.
Q3421	FCB068	M190	MS13579	VTO15STD	7		1	MC019	O.K.
Q3422	FCB069	M198	MS13579	VTO15STD	7		1	MC020	O.K.