New England ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

05/08/07

Technical Report for

GEI Consultants, Inc.

Indoor & Outdoor Air Samples Tufts St., Somerville MA

Accutest Job Number: M64245

Sampling Date: 04/20/07

Report to:

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

ATTN: Raymond Siegener, Ph.D.

Total number of pages in report: **331**

ACCUTEST LABORATORIES 50 YEARS 1956-2006

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: M64245

Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
M64245-1	04/20/07	12:32	SLS	04/20/07	AIR	Air	045162-31 KNOW-1
M64245-2	04/20/07	12:38	SLS	04/20/07	AIR	Air	045162-31 KNOW-B

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	GEI Consultants, Inc.	**Job No**	M64245
Site:	Indoor & Outdoor Air Samples Tufts St., Somerville MA	**Report Date**	5/7/2007 11:09:01 AM

2 Sample(s) were collected on 04/20/2007 and were received at Accutest on 04/20/2007. These Samples received an Accutest job number of M64245. 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:**	MSJ526

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M64241-1DUP were used as the QC samples indicated.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(M64245).

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-31 KNOW-1		
Lab Sample ID:	M64245-1	**Date Sampled:**	04/20/07
Matrix:	AIR - Air Summa ID: M049	**Date Received:**	04/20/07
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	J10174.D	1	04/30/07	DFT	n/a	n/a	MSJ526
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

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

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

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

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-31 KNOW-B		
Lab Sample ID:	M64245-2	**Date Sampled:**	04/20/07
Matrix:	AIR - Air Summa ID: M138	**Date Received:**	04/20/07
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	J10175.D	1	04/30/07	DFT	n/a	n/a	MSJ526
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	64.52	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
56-23-5	153.8	Carbon tetrachloride	0.10	0.20	ppbv	J	0.63	1.3	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	4.8	0.20	ppbv		33	1.4	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	90%		57-139%

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

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

Misc. Forms

Custody Documents and Other Forms

CHAIN OF CUSTODY

ACCUTEST Laboratories

Air Sampling Field Data Sheet

FED-EX Tracking #: | Bottle Order Control #: | Lab Quote #: | Lab Job #: M64245

PAGE 1 OF 1

Client / Reporting Information

Company Name: GEI Consultants, Inc.
Address: 400 Unicorn Park
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: Tufts Street
Street:
City: Somerville State: MA
Project #: 045162
Client Purchase Order #:

Weather Parameters

Temperature (Fahrenheit) Start: 58 Stop: 59 Maximum: Minimum: X
Atmospheric Pressure (inches of Hg) Start: 30.13 Stop: 30.14 Maximum: Minimum: X
Other weather comment:

Requested Analysis

Standard TO-15 Reporting List Attached
MA-DEP-APH

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.
1	045162-31 Know-1	~~A~~ I	M049	6L	MC039	4-20-07	0849	30	68	SLS	4-20-07	1232	5	74.1	SLS
2	045162-31 Know-B	~~A~~ I	M138	6L	MFC038	4-20-07	0853	30	60	SLS	4-20-07	1278	65	63.6	SLS

Turnaround Time / Business days

Standard - 15 Days: ✓
10 Day:
5 Day:
3 Day:
2 Day:
1 Day:
Other:

Approved By:
Date:

Data Deliverable Information

Comm A:
Comm B:
Full T1:
Other:

Comments / Remarks

Please see attached list of analytes

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

Relinquished by Laboratory: 1	Date Time:	Received By: 1	Relinquished By: 2 GEI Lab	Date Time: 4-20-07	Received By: 2
Relinquished by: 3	Date Time: 4/20/07 1400	Received By: 3 GEI lab	Relinquished By: 4 GEI Lab	Date Time: 4/20/07 1627	Received By: 4
Relinquished By: 5	Date Time: 4/20/07 16:27	Received By: 5	Custody Seal #:	4/20/07 18:00	

SM013-01 (2/14/06)

M64245: Chain of Custody
Page 1 of 2

~~Sub-Slab~~

~~Indoor Air~~ Sampling Analyte List

Indoor Air

- 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: M64245
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA
Received: 04/20/07

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
M049	6	29.4	04/16/07	PB	CP393	J9992.D	M64245-1	04/30/07	DFT	4			1
M138	6	29.4	04/16/07	PB	CP397	J10041.D	M64245-2	04/30/07	DFT	2.5			1

FLOW CONTROLLERS

Shipping					Receiving		
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min
MC038	01/24/07	PB	20	4	04/30/07	DFT	22.5
MC039	01/24/07	PB	20	4	04/30/07	DFT	23

Accutest Bottle Order(s):
PB/1-24-7/GEI/TUFTS ST.
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: M64245

Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M64245-1	Collected: 20-APR-07 12:32 By: SLS		Received: 20-APR-07 By:			
045162-31 KNOW-1						
M64245-1	TO-15	30-APR-07 17:07	DFT			VTO15STD
M64245-2	Collected: 20-APR-07 12:38 By: SLS		Received: 20-APR-07 By:			
045162-31 KNOW-B						
M64245-2	TO-15	30-APR-07 17:56	DFT			VTO15STD

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: M64245
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
MSJ526-MB	J10168.D	1	04/30/07	DFT	n/a	n/a	MSJ526

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

M64245-1, M64245-2

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

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	87%	57-139%

Method Blank Summary

Job Number: M64245
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
MSJ516-MB	J9975.D	1	04/10/07	PB	n/a	n/a	MSJ516

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

MSJ516-SCC

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	75%	57-139%

Method Blank Summary

Job Number: M64245
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: M64245
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
MSJ526-BS	J10166A.D	1	04/30/07	DFT	n/a	n/a	MSJ526

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

M64245-1, M64245-2

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	9.3	93	70-130
56-23-5	Carbon tetrachloride	10	9.7	97	70-130
75-34-3	1,1-Dichloroethane	10	9.4	94	70-130
75-35-4	1,1-Dichloroethylene	10	10.3	103	70-130
107-06-2	1,2-Dichloroethane	10	9.3	93	70-130
156-60-5	trans-1,2-Dichloroethylene	10	9.1	91	70-130
156-59-2	cis-1,2-Dichloroethylene	10	8.8	88	70-130
71-55-6	1,1,1-Trichloroethane	10	9.3	93	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	7.9	79	70-130
79-00-5	1,1,2-Trichloroethane	10	9.1	91	70-130
127-18-4	Tetrachloroethylene	10	8.8	88	70-130
79-01-6	Trichloroethylene	10	9.0	90	70-130
75-01-4	Vinyl chloride	10	9.5	95	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	99%	57-139%

Blank Spike Summary

Job Number: M64245
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
MSJ516-BS	J9973A.D	1	04/10/07	PB	n/a	n/a	MSJ516

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

MSJ516-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	10.8	108	70-130
56-23-5	Carbon tetrachloride	10	10.6	106	70-130
75-34-3	1,1-Dichloroethane	10	9.7	97	70-130
75-35-4	1,1-Dichloroethylene	10	9.8	98	70-130
107-06-2	1,2-Dichloroethane	10	10.9	109	70-130
156-60-5	trans-1,2-Dichloroethylene	10	9.9	99	70-130
156-59-2	cis-1,2-Dichloroethylene	10	10.2	102	70-130
71-55-6	1,1,1-Trichloroethane	10	10.3	103	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	13.4	134* [a]	70-130
79-00-5	1,1,2-Trichloroethane	10	12.1	121	70-130
127-18-4	Tetrachloroethylene	10	11.7	117	70-130
79-01-6	Trichloroethylene	10	12.7	127	70-130
75-01-4	Vinyl chloride	10	11.3	113	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	100%	57-139%

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

Blank Spike Summary

Job Number: M64245
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: M64245
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
M64241-1DUP	J10172.D	1	04/30/07	DFT	n/a	n/a	MSJ526
M64241-1	J10169.D	1	04/30/07	DFT	n/a	n/a	MSJ526

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

M64245-1, M64245-2

CAS No.	Compound	M64241-1 ppbv	Q	DUP ppbv	Q	RPD	Limits
75-00-3	Chloroethane	ND		ND		nc	25
56-23-5	Carbon tetrachloride	0.11	J	0.11	J	0	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	0.22		0.23		4	25
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	25
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	25
127-18-4	Tetrachloroethylene	0.95		0.95		0	25
79-01-6	Trichloroethylene	ND		ND		nc	25
75-01-4	Vinyl chloride	ND		ND		nc	25

CAS No.	Surrogate Recoveries	DUP	M64241-1	Limits
460-00-4	4-Bromofluorobenzene	84%	85%	57-139%

Summa Cleaning Certification

Job Number: M64245
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
MSJ516-SCC	J9975.D	1	04/10/07	PB	n/a	n/a	MSJ516

The QC reported here (Summa M049) applies to the following samples: **Method:** TO-15

Batch CP393 cleaned 04/04/07: M64245-1(M049)

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	75%	57-139%

Summa Cleaning Certification

Job Number: M64245
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	J10019A.D	1	04/13/07	PB	n/a	n/a	MSJ518

The QC reported here (Summa M138) applies to the following samples: **Method:** TO-15

Batch CP397 cleaned 04/13/07: M64245-2(M138)

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	80%	57-139%

Instrument Performance Check (BFB)

Job Number: M64245
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: M64245
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSJ516-BFB
Lab File ID: J9973.D
Instrument ID: GCMSJ
Injection Date: 04/10/07
Injection Time: 13:53

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	37524	25.9		Pass
75	30.0 - 66.0% of mass 95	81320	56.2		Pass
95	Base peak, 100% relative abundance	144704	100.0		Pass
96	5.0 - 9.0% of mass 95	8796	6.1		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	103832	71.8		Pass
175	4.0 - 9.0% of mass 174	5212	3.6	(5.0) [a]	Pass
176	93.0 - 101.0% of mass 174	99848	69.0	(96.2) [a]	Pass
177	5.0 - 9.0% of mass 176	5375	3.7	(5.4) [b]	Pass

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSJ516-CC513	J9973.D	04/10/07	13:53	00:00	Continuing cal 10
MSJ516-BS	J9973A.D	04/10/07	13:53	00:00	Blank Spike
MSJ516-MB	J9975.D	04/10/07	15:28	01:35	Method Blank
MSJ516-SCC	J9975.D	04/10/07	15:28	01:35	Summa Cleaning Certification
ZZZZZZ	J9976.D	04/10/07	16:11	02:18	(unrelated sample)
ZZZZZZ	J9978.D	04/10/07	17:48	03:55	(unrelated sample)
ZZZZZZ	J9979.D	04/10/07	18:40	04:47	(unrelated sample)
ZZZZZZ	J9980.D	04/10/07	19:30	05:37	(unrelated sample)
ZZZZZZ	J9981.D	04/10/07	20:19	06:26	(unrelated sample)
M63917-1	J9985.D	04/10/07	23:38	09:45	(used for QC only; not part of job M64245)
MSJ516-SCC	J9986.D	04/11/07	00:28	10:35	Summa Cleaning Certification
MSJ516-SCC	J9987.D	04/11/07	01:16	11:23	Summa Cleaning Certification
MSJ516-SCC	J9988.D	04/11/07	02:05	12:12	Summa Cleaning Certification
MSJ516-SCC	J9989.D	04/11/07	02:53	13:00	Summa Cleaning Certification
MSJ516-SCC	J9990.D	04/11/07	03:42	13:49	Summa Cleaning Certification
MSJ516-SCC	J9992.D	04/11/07	05:19	15:26	Summa Cleaning Certification
MSJ516-SCC	J9993.D	04/11/07	06:06	16:13	Summa Cleaning Certification
M63917-1DUP	J9994.D	04/11/07	09:47	19:54	Duplicate

Instrument Performance Check (BFB)

Job Number: M64245
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 M64245)
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: M64245
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSJ525-BFB
Lab File ID: J10136.D
Instrument ID: GCMSJ
Injection Date: 04/26/07
Injection Time: 12:02

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	13331	18.2		Pass
75	30.0 - 66.0% of mass 95	36176	49.4		Pass
95	Base peak, 100% relative abundance	73247	100.0		Pass
96	5.0 - 9.0% of mass 95	5344	7.3		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	70950	96.9		Pass
175	4.0 - 9.0% of mass 174	3969	5.4	(5.6) [a]	Pass
176	93.0 - 101.0% of mass 174	68623	93.7	(96.7) [a]	Pass
177	5.0 - 9.0% of mass 176	4840	6.6	(7.1) [b]	Pass

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSJ525-IC525	J10137.D	04/26/07	12:53	00:51	Initial cal 20
MSJ525-ICC525	J10138.D	04/26/07	13:46	01:44	Initial cal 10
MSJ525-IC525	J10139.D	04/26/07	14:44	02:42	Initial cal 5
MSJ525-IC525	J10140.D	04/26/07	15:47	03:45	Initial cal 2
MSJ525-IC525	J10141.D	04/26/07	16:42	04:40	Initial cal 0.5
MSJ525-IC525	J10143.D	04/26/07	18:19	06:17	Initial cal 40
MSJ525-IC525	J10144.D	04/27/07	09:19	21:17	Initial cal 0.2

Instrument Performance Check (BFB)

Job Number: M64245
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSJ526-BFB
Lab File ID: J10165.D
Instrument ID: GCMSJ
Injection Date: 04/30/07
Injection Time: 09:28

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	5420	18.1		Pass
75	30.0 - 66.0% of mass 95	14949	50.0		Pass
95	Base peak, 100% relative abundance	29888	100.0		Pass
96	5.0 - 9.0% of mass 95	1505	5.0		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	28624	95.8		Pass
175	4.0 - 9.0% of mass 174	1612	5.4	(5.6) [a]	Pass
176	93.0 - 101.0% of mass 174	27124	90.8	(94.8) [a]	Pass
177	5.0 - 9.0% of mass 176	1699	5.7	(6.3) [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
MSJ526-CC525	J10166.D	04/30/07	10:12	00:44	Continuing cal 10
MSJ526-BS	J10166A.D	04/30/07	10:12	00:44	Blank Spike
MSJ526-MB	J10168.D	04/30/07	11:41	02:13	Method Blank
M64241-1	J10169.D	04/30/07	12:29	03:01	(used for QC only; not part of job M64245)
ZZZZZZ	J10170.D	04/30/07	13:20	03:52	(unrelated sample)
M64241-1DUP	J10172.D	04/30/07	14:54	05:26	Duplicate
ZZZZZZ	J10173.D	04/30/07	15:41	06:13	(unrelated sample)
M64245-1	J10174.D	04/30/07	17:07	07:39	045162-31 KNOW-1
M64245-2	J10175.D	04/30/07	17:56	08:28	045162-31 KNOW-B
ZZZZZZ	J10176.D	04/30/07	18:44	09:16	(unrelated sample)
ZZZZZZ	J10177.D	04/30/07	19:32	10:04	(unrelated sample)
ZZZZZZ	J10178.D	04/30/07	20:20	10:52	(unrelated sample)
ZZZZZZ	J10180.D	04/30/07	21:59	12:31	(unrelated sample)
ZZZZZZ	J10181.D	04/30/07	22:48	13:20	(unrelated sample)

Volatile Internal Standard Area Summary

Job Number: M64245
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Check Std:	MSJ516-CC513	**Injection Date:**	04/10/07
Lab File ID:	J9973.D	**Injection Time:**	13:53
Instrument ID:	GCMSJ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	418848	8.61	1033770	10.43	832802	14.67
Upper Limit [a]	586387	8.94	1447278	10.76	1165923	15.00
Lower Limit [b]	251309	8.28	620262	10.10	499681	14.34

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSJ516-BS	418848	8.61	1033770	10.43	832802	14.67
MSJ516-MB	374779	8.59	910289	10.41	732157	14.65
MSJ516-SCC	374779	8.59	910289	10.41	732157	14.65
ZZZZZZ	311236	8.58	718248	10.45	584893	14.66
ZZZZZZ	318049	8.62	667698	10.44	514038	14.67
ZZZZZZ	290530	8.62	660547	10.44	503959	14.67
ZZZZZZ	361474	8.62	851578	10.44	668853	14.67
ZZZZZZ	358550	8.62	832937	10.43	676400	14.67
M63917-1	288192	8.63	634721	10.44	531984	14.67
MSJ516-SCC	322128	8.62	703695	10.44	547684	14.67
MSJ516-SCC	339961	8.61	785293	10.43	657058	14.66
MSJ516-SCC	339886	8.62	799976	10.43	649971	14.67
MSJ516-SCC	310311	8.62	679562	10.43	564625	14.67
MSJ516-SCC	331960	8.62	781796	10.44	636111	14.67
MSJ516-SCC	324502	8.62	742068	10.44	611940	14.67
MSJ516-SCC	293015	8.62	679684	10.44	546540	14.67
M63917-1DUP	350586	8.62	770721	10.44	628848	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: M64245
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: M64245
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Check Std:	MSJ526-CC525	**Injection Date:**	04/30/07
Lab File ID:	J10166.D	**Injection Time:**	10:12
Instrument ID:	GCMSJ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	81493	8.66	388824	10.48	350201	14.70
Upper Limit [a]	114090	8.99	544354	10.81	490281	15.03
Lower Limit [b]	48896	8.33	233294	10.15	210121	14.37

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSJ526-BS	81493	8.66	388824	10.48	350201	14.70
MSJ526-MB	84544	8.62	350757	10.44	302320	14.67
M64241-1	81417	8.62	323470	10.44	276323	14.67
ZZZZZZ	82929	8.62	339642	10.44	301113	14.67
M64241-1DUP	76143	8.63	311582	10.44	260979	14.67
ZZZZZZ	82398	8.62	341680	10.43	290047	14.67
M64245-1	87695	8.63	371042	10.44	318165	14.67
M64245-2	78528	8.62	306003	10.43	249601	14.66
ZZZZZZ	86562	8.63	362968	10.44	302360	14.67
ZZZZZZ	82024	8.63	344618	10.44	307494	14.67
ZZZZZZ	91538	8.62	325095	10.44	255308	14.67
ZZZZZZ	104310	8.63	425901	10.44	356232	14.67
ZZZZZZ	77120	8.63	263096	10.44	220062	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.

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64245
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: M64245
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: M64245
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: M64245
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: M64245
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: M64245
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: M64245
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: M64245
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: M64245
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: M64245
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: M64245
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: M64245
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: M64245
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: M64245
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: M64245
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	
MSJ525-IC525	J10137.D	04/26/07 12:53	DFT	20	GCMSJ	TO-15	Reporting this level
MSJ525-ICC525	J10138.D	04/26/07 13:46	DFT	10	GCMSJ	TO-15	
MSJ525-IC525	J10139.D	04/26/07 14:44	DFT	5	GCMSJ	TO-15	
MSJ525-IC525	J10140.D	04/26/07 15:47	DFT	2	GCMSJ	TO-15	
MSJ525-IC525	J10141.D	04/26/07 16:42	DFT	0.5	GCMSJ	TO-15	
MSJ525-IC525	J10143.D	04/26/07 18:19	DFT	40	GCMSJ	TO-15	
MSJ525-IC525	J10144.D	04/27/07 09:19	DFT	0.2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.63	8.61	0.654	ok	0.655	0.595-0.715
1,3-Butadiene	4.57	8.61	0.531	ok	0.531	0.471-0.591
Benzene	10.11	10.43	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.08	10.43	1.062	ok	1.063	1.003-1.123
Bromoform	15.40	14.67	1.050	ok	1.049	0.989-1.109
Bromomethane	4.84	8.61	0.562	ok	0.563	0.503-0.623
Bromoethene	5.37	8.61	0.624	ok	0.623	0.563-0.683
Benzyl Chloride	17.89	14.67	1.219	ok	1.220	1.160-1.280
Carbon disulfide	6.83	8.61	0.793	ok	0.794	0.734-0.854
Chlorobenzene	14.72	14.67	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.61	0.582	ok	0.582	0.522-0.642
Chloroform	8.73	8.61	1.014	ok	1.014	0.954-1.074
Chloromethane	4.22	8.61	0.490	ok	0.491	0.431-0.551
3-Chloropropene	6.64	8.61	0.771	ok	0.771	0.711-0.831
2-Chlorotoluene	16.98	14.67	1.157	ok	1.158	1.098-1.218
Carbon tetrachloride	10.25	8.61	1.190	ok	1.191	1.131-1.251
Cyclohexane	10.36	10.43	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.64	8.61	0.887	ok	0.887	0.827-0.947
1,1-Dichloroethylene	6.42	8.61	0.746	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.57	14.67	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.44	8.61	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.89	10.43	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.15	10.43	1.069	ok	1.070	1.010-1.130
Dichlorodifluoromethane	4.06	8.61	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.32	14.67	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.44	8.61	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	17.91	14.67	1.221	ok	1.221	1.161-1.281
o-Dichlorobenzene	18.37	14.67	1.252	ok	1.253	1.193-1.313
p-Dichlorobenzene	17.98	14.67	1.226	ok	1.226	1.166-1.286
trans-1,3-Dichloropropene	12.44	10.43	1.193	ok	1.193	1.133-1.253
Ethanol	5.16	8.61	0.599	ok	0.601	0.541-0.661
Ethylbenzene	15.09	14.67	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	14.67	1.170	ok	1.171	1.111-1.231
Freon 113	6.78	8.61	0.787	ok	0.787	0.727-0.847
Freon 114	4.31	8.61	0.501	ok	0.501	0.441-0.561
Heptane	11.35	10.43	1.088	ok	1.089	1.029-1.149
Hexachlorobutadiene	20.77	14.67	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: M64245
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	
MSJ525-IC525	J10137.D	04/26/07 12:53	DFT	20	GCMSJ	TO-15	Reporting this level
MSJ525-ICC525	J10138.D	04/26/07 13:46	DFT	10	GCMSJ	TO-15	
MSJ525-IC525	J10139.D	04/26/07 14:44	DFT	5	GCMSJ	TO-15	
MSJ525-IC525	J10140.D	04/26/07 15:47	DFT	2	GCMSJ	TO-15	
MSJ525-IC525	J10141.D	04/26/07 16:42	DFT	0.5	GCMSJ	TO-15	
MSJ525-IC525	J10143.D	04/26/07 18:19	DFT	40	GCMSJ	TO-15	
MSJ525-IC525	J10144.D	04/27/07 09:19	DFT	0.2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.15	14.67	0.896	ok	0.897	0.837-0.957
Isopropylbenzene	16.43	14.67	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.90	8.61	0.685	ok	0.686	0.626-0.746
Methylene chloride	6.53	8.61	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.05	8.61	0.935	ok	0.936	0.876-0.996
Methyl Isobutyl Ketone	11.98	10.43	1.149	ok	1.149	1.089-1.209
Methyl Tert Butyl Ether	7.71	8.61	0.895	ok	0.897	0.837-0.957
Nonane	15.97	14.67	1.089	ok	1.089	1.029-1.149
Pentane	6.12	8.61	0.711	ok	0.711	0.651-0.771
Propylene	3.99	8.61	0.463	ok	0.464	0.404-0.524
Styrene	15.67	14.67	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.67	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	12.62	10.43	1.210	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.27	14.67	1.382	ok	1.383	1.323-1.443
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	1.177	1.117-1.237
2,2,4-Trimethylpentane	11.11	10.43	1.065	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.50	8.61	0.755	ok	0.757	0.697-0.817
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.16	8.61	1.064	ok	1.066	1.006-1.126
Toluene	12.89	10.43	1.236	ok	1.236	1.176-1.296
Trichloroethylene	11.11	10.43	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.78	8.61	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.43	8.61	0.515	ok	0.516	0.456-0.576
Vinyl Acetate	7.78	8.61	0.904	ok	0.904	0.844-0.964
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	8.61	ok	8.60	8.27-8.93	89217	ok	78727	47236-110218
1,4-Difluorobenzene	10.43	ok	10.42	10.09-10.75	384279	ok	335978	201587-470369
Chlorobenzene-D5	14.67	ok	14.66	14.33-14.99	335261	ok	288335	173001-403669

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64245
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	
MSJ525-IC525	J10137.D	04/26/07 12:53	DFT	20	GCMSJ	TO-15	
MSJ525-ICC525	J10138.D	04/26/07 13:46	DFT	10	GCMSJ	TO-15	Reporting this level
MSJ525-IC525	J10139.D	04/26/07 14:44	DFT	5	GCMSJ	TO-15	
MSJ525-IC525	J10140.D	04/26/07 15:47	DFT	2	GCMSJ	TO-15	
MSJ525-IC525	J10141.D	04/26/07 16:42	DFT	0.5	GCMSJ	TO-15	
MSJ525-IC525	J10143.D	04/26/07 18:19	DFT	40	GCMSJ	TO-15	
MSJ525-IC525	J10144.D	04/27/07 09:19	DFT	0.2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.62	8.60	0.653	ok	0.655	0.595-0.715
1,3-Butadiene	4.57	8.60	0.531	ok	0.531	0.471-0.591
Benzene	10.10	10.42	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.07	10.42	1.062	ok	1.063	1.003-1.123
Bromoform	15.39	14.66	1.050	ok	1.049	0.989-1.109
Bromomethane	4.84	8.60	0.563	ok	0.563	0.503-0.623
Bromoethene	5.36	8.60	0.623	ok	0.623	0.563-0.683
Benzyl Chloride	17.88	14.66	1.220	ok	1.220	1.160-1.280
Carbon disulfide	6.82	8.60	0.793	ok	0.794	0.734-0.854
Chlorobenzene	14.71	14.66	1.003	ok	1.003	0.943-1.063
Chloroethane	5.00	8.60	0.581	ok	0.582	0.522-0.642
Chloroform	8.72	8.60	1.014	ok	1.014	0.954-1.074
Chloromethane	4.22	8.60	0.491	ok	0.491	0.431-0.551
3-Chloropropene	6.63	8.60	0.771	ok	0.771	0.711-0.831
2-Chlorotoluene	16.98	14.66	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.24	8.60	1.191	ok	1.191	1.131-1.251
Cyclohexane	10.35	10.42	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.63	8.60	0.887	ok	0.887	0.827-0.947
1,1-Dichloroethylene	6.40	8.60	0.744	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.56	14.66	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.43	8.60	1.097	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.88	10.42	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.14	10.42	1.069	ok	1.070	1.010-1.130
Dichlorodifluoromethane	4.06	8.60	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.31	14.66	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.43	8.60	0.864	ok	0.864	0.804-0.924
cis-1,2-Dichloroethylene	8.43	8.60	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.92	10.42	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	1.253	1.193-1.313
p-Dichlorobenzene	17.98	14.66	1.226	ok	1.226	1.166-1.286
trans-1,3-Dichloropropene	12.43	10.42	1.193	ok	1.193	1.133-1.253
Ethanol	5.15	8.60	0.599	ok	0.601	0.541-0.661
Ethylbenzene	15.09	14.66	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.66	8.60	1.007	ok	1.008	0.948-1.068
4-Ethyltoluene	17.16	14.66	1.171	ok	1.171	1.111-1.231
Freon 113	6.77	8.60	0.787	ok	0.787	0.727-0.847
Freon 114	4.31	8.60	0.501	ok	0.501	0.441-0.561
Heptane	11.34	10.42	1.088	ok	1.089	1.029-1.149
Hexachlorobutadiene	20.76	14.66	1.416	ok	1.416	1.356-1.476
Hexane	8.60	8.60	1.000	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64245
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	
MSJ525-IC525	J10137.D	04/26/07 12:53	DFT	20	GCMSJ	TO-15	
MSJ525-ICC525	J10138.D	04/26/07 13:46	DFT	10	GCMSJ	TO-15	Reporting this level
MSJ525-IC525	J10139.D	04/26/07 14:44	DFT	5	GCMSJ	TO-15	
MSJ525-IC525	J10140.D	04/26/07 15:47	DFT	2	GCMSJ	TO-15	
MSJ525-IC525	J10141.D	04/26/07 16:42	DFT	0.5	GCMSJ	TO-15	
MSJ525-IC525	J10143.D	04/26/07 18:19	DFT	40	GCMSJ	TO-15	
MSJ525-IC525	J10144.D	04/27/07 09:19	DFT	0.2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.14	14.66	0.896	ok	0.897	0.837-0.957
Isopropylbenzene	16.42	14.66	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.88	8.60	0.684	ok	0.686	0.626-0.746
Methylene chloride	6.52	8.60	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.04	8.60	0.935	ok	0.936	0.876-0.996
Methyl Isobutyl Ketone	11.97	10.42	1.149	ok	1.149	1.089-1.209
Methyl Tert Butyl Ether	7.70	8.60	0.895	ok	0.897	0.837-0.957
Nonane	15.97	14.66	1.089	ok	1.089	1.029-1.149
Pentane	6.11	8.60	0.710	ok	0.711	0.651-0.771
Propylene	3.99	8.60	0.464	ok	0.464	0.404-0.524
Styrene	15.66	14.66	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.66	8.60	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.79	14.66	1.077	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.61	10.42	1.210	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.27	14.66	1.383	ok	1.383	1.323-1.443
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	1.177	1.117-1.237
2,2,4-Trimethylpentane	11.10	10.42	1.065	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.48	8.60	0.753	ok	0.757	0.697-0.817
Tetrachloroethylene	14.00	14.66	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.15	8.60	1.064	ok	1.066	1.006-1.126
Toluene	12.87	10.42	1.235	ok	1.236	1.176-1.296
Trichloroethylene	11.10	10.42	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.77	8.60	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.43	8.60	0.515	ok	0.516	0.456-0.576
Vinyl Acetate	7.77	8.60	0.903	ok	0.904	0.844-0.964
m,p-Xylene	15.27	14.66	1.042	ok	1.042	0.982-1.102
o-Xylene	15.78	14.66	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.60	ok	8.60	8.27-8.93	80028	ok	78727	47236-110218
1,4-Difluorobenzene	10.42	ok	10.42	10.09-10.75	351947	ok	335978	201587-470369
Chlorobenzene-D5	14.66	ok	14.66	14.33-14.99	300097	ok	288335	173001-403669

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64245
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	
MSJ525-IC525	J10137.D	04/26/07 12:53	DFT	20	GCMSJ	TO-15	
MSJ525-ICC525	J10138.D	04/26/07 13:46	DFT	10	GCMSJ	TO-15	
MSJ525-IC525	J10139.D	04/26/07 14:44	DFT	5	GCMSJ	TO-15	Reporting this level
MSJ525-IC525	J10140.D	04/26/07 15:47	DFT	2	GCMSJ	TO-15	
MSJ525-IC525	J10141.D	04/26/07 16:42	DFT	0.5	GCMSJ	TO-15	
MSJ525-IC525	J10143.D	04/26/07 18:19	DFT	40	GCMSJ	TO-15	
MSJ525-IC525	J10144.D	04/27/07 09:19	DFT	0.2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.62	8.59	0.654	ok	0.655	0.595-0.715
1,3-Butadiene	4.57	8.59	0.532	ok	0.531	0.471-0.591
Benzene	10.09	10.41	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.06	10.41	1.062	ok	1.063	1.003-1.123
Bromoform	15.38	14.66	1.049	ok	1.049	0.989-1.109
Bromomethane	4.84	8.59	0.563	ok	0.563	0.503-0.623
Bromoethene	5.36	8.59	0.624	ok	0.623	0.563-0.683
Benzyl Chloride	17.88	14.66	1.220	ok	1.220	1.160-1.280
Carbon disulfide	6.82	8.59	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.70	14.66	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.59	0.583	ok	0.582	0.522-0.642
Chloroform	8.71	8.59	1.014	ok	1.014	0.954-1.074
Chloromethane	4.22	8.59	0.491	ok	0.491	0.431-0.551
3-Chloropropene	6.62	8.59	0.771	ok	0.771	0.711-0.831
2-Chlorotoluene	16.97	14.66	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.23	8.59	1.191	ok	1.191	1.131-1.251
Cyclohexane	10.34	10.41	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.62	8.59	0.887	ok	0.887	0.827-0.947
1,1-Dichloroethylene	6.39	8.59	0.744	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.55	14.66	0.924	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.42	8.59	1.097	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.87	10.41	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.15	10.41	1.071	ok	1.070	1.010-1.130
Dichlorodifluoromethane	4.06	8.59	0.473	ok	0.472	0.412-0.532
Dibromochloromethane	13.31	14.66	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.42	8.59	0.864	ok	0.864	0.804-0.924
cis-1,2-Dichloroethylene	8.43	8.59	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.91	10.41	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	18.36	14.66	1.252	ok	1.253	1.193-1.313
p-Dichlorobenzene	17.98	14.66	1.226	ok	1.226	1.166-1.286
trans-1,3-Dichloropropene	12.42	10.41	1.193	ok	1.193	1.133-1.253
Ethanol	5.16	8.59	0.601	ok	0.601	0.541-0.661
Ethylbenzene	15.08	14.66	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.65	8.59	1.007	ok	1.008	0.948-1.068
4-Ethyltoluene	17.16	14.66	1.171	ok	1.171	1.111-1.231
Freon 113	6.75	8.59	0.786	ok	0.787	0.727-0.847
Freon 114	4.31	8.59	0.502	ok	0.501	0.441-0.561
Heptane	11.33	10.41	1.088	ok	1.089	1.029-1.149
Hexachlorobutadiene	20.76	14.66	1.416	ok	1.416	1.356-1.476
Hexane	8.60	8.59	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64245
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	
MSJ525-IC525	J10137.D	04/26/07 12:53	DFT	20	GCMSJ	TO-15	
MSJ525-ICC525	J10138.D	04/26/07 13:46	DFT	10	GCMSJ	TO-15	
MSJ525-IC525	J10139.D	04/26/07 14:44	DFT	5	GCMSJ	TO-15	Reporting this level
MSJ525-IC525	J10140.D	04/26/07 15:47	DFT	2	GCMSJ	TO-15	
MSJ525-IC525	J10141.D	04/26/07 16:42	DFT	0.5	GCMSJ	TO-15	
MSJ525-IC525	J10143.D	04/26/07 18:19	DFT	40	GCMSJ	TO-15	
MSJ525-IC525	J10144.D	04/27/07 09:19	DFT	0.2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.14	14.66	0.896	ok	0.897	0.837-0.957
Isopropylbenzene	16.42	14.66	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.87	8.59	0.683	ok	0.686	0.626-0.746
Methylene chloride	6.51	8.59	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.03	8.59	0.935	ok	0.936	0.876-0.996
Methyl Isobutyl Ketone	11.96	10.41	1.149	ok	1.149	1.089-1.209
Methyl Tert Butyl Ether	7.69	8.59	0.895	ok	0.897	0.837-0.957
Nonane	15.97	14.66	1.089	ok	1.089	1.029-1.149
Pentane	6.11	8.59	0.711	ok	0.711	0.651-0.771
Propylene	3.98	8.59	0.463	ok	0.464	0.404-0.524
Styrene	15.66	14.66	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.65	8.59	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	10.41	1.211	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.27	14.66	1.383	ok	1.383	1.323-1.443
1,2,4-Trimethylbenzene	17.71	14.66	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.25	14.66	1.177	ok	1.177	1.117-1.237
2,2,4-Trimethylpentane	11.09	10.41	1.065	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.48	8.59	0.754	ok	0.757	0.697-0.817
Tetrachloroethylene	14.00	14.66	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.14	8.59	1.064	ok	1.066	1.006-1.126
Toluene	12.87	10.41	1.236	ok	1.236	1.176-1.296
Trichloroethylene	11.09	10.41	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.77	8.59	0.672	ok	0.671	0.611-0.731
Vinyl chloride	4.43	8.59	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.76	8.59	0.903	ok	0.904	0.844-0.964
m,p-Xylene	15.28	14.66	1.042	ok	1.042	0.982-1.102
o-Xylene	15.77	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	8.59	ok	8.60	8.27-8.93	81232	ok	78727	47236-110218
1,4-Difluorobenzene	10.41	ok	10.42	10.09-10.75	354952	ok	335978	201587-470369
Chlorobenzene-D5	14.66	ok	14.66	14.33-14.99	294474	ok	288335	173001-403669

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64245
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	
MSJ525-IC525	J10137.D	04/26/07 12:53	DFT	20	GCMSJ	TO-15	
MSJ525-ICC525	J10138.D	04/26/07 13:46	DFT	10	GCMSJ	TO-15	
MSJ525-IC525	J10139.D	04/26/07 14:44	DFT	5	GCMSJ	TO-15	
MSJ525-IC525	J10140.D	04/26/07 15:47	DFT	2	GCMSJ	TO-15	Reporting this level
MSJ525-IC525	J10141.D	04/26/07 16:42	DFT	0.5	GCMSJ	TO-15	
MSJ525-IC525	J10143.D	04/26/07 18:19	DFT	40	GCMSJ	TO-15	
MSJ525-IC525	J10144.D	04/27/07 09:19	DFT	0.2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.61	8.58	0.654	ok	0.655	0.595-0.715
1,3-Butadiene	4.56	8.58	0.531	ok	0.531	0.471-0.591
Benzene	10.08	10.40	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.05	10.40	1.062	ok	1.063	1.003-1.123
Bromoform	15.38	14.65	1.050	ok	1.049	0.989-1.109
Bromomethane	4.83	8.58	0.563	ok	0.563	0.503-0.623
Bromoethene	5.35	8.58	0.624	ok	0.623	0.563-0.683
Benzyl Chloride	17.88	14.65	1.220	ok	1.220	1.160-1.280
Carbon disulfide	6.81	8.58	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.70	14.65	1.003	ok	1.003	0.943-1.063
Chloroethane	4.99	8.58	0.582	ok	0.582	0.522-0.642
Chloroform	8.70	8.58	1.014	ok	1.014	0.954-1.074
Chloromethane	4.22	8.58	0.492	ok	0.491	0.431-0.551
3-Chloropropene	6.62	8.58	0.772	ok	0.771	0.711-0.831
2-Chlorotoluene	16.97	14.65	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.22	8.58	1.191	ok	1.191	1.131-1.251
Cyclohexane	10.33	10.40	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.61	8.58	0.887	ok	0.887	0.827-0.947
1,1-Dichloroethylene	6.39	8.58	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.55	14.65	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.40	8.58	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.87	10.40	1.045	ok	1.044	0.984-1.104
1,4-Dioxane	11.15	10.40	1.072	ok	1.070	1.010-1.130
Dichlorodifluoromethane	4.05	8.58	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.31	14.65	0.909	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.41	8.58	0.864	ok	0.864	0.804-0.924
cis-1,2-Dichloroethylene	8.41	8.58	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.91	10.40	1.145	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.90	14.65	1.222	ok	1.221	1.161-1.281
o-Dichlorobenzene	18.36	14.65	1.253	ok	1.253	1.193-1.313
p-Dichlorobenzene	17.97	14.65	1.227	ok	1.226	1.166-1.286
trans-1,3-Dichloropropene	12.41	10.40	1.193	ok	1.193	1.133-1.253
Ethanol	5.15	8.58	0.600	ok	0.601	0.541-0.661
Ethylbenzene	15.07	14.65	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.64	8.58	1.007	ok	1.008	0.948-1.068
4-Ethyltoluene	17.16	14.65	1.171	ok	1.171	1.111-1.231
Freon 113	6.74	8.58	0.786	ok	0.787	0.727-0.847
Freon 114	4.31	8.58	0.502	ok	0.501	0.441-0.561
Heptane	11.33	10.40	1.089	ok	1.089	1.029-1.149
Hexachlorobutadiene	20.76	14.65	1.417	ok	1.416	1.356-1.476
Hexane	8.59	8.58	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64245
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	
MSJ525-IC525	J10137.D	04/26/07 12:53	DFT	20	GCMSJ	TO-15	
MSJ525-ICC525	J10138.D	04/26/07 13:46	DFT	10	GCMSJ	TO-15	
MSJ525-IC525	J10139.D	04/26/07 14:44	DFT	5	GCMSJ	TO-15	
MSJ525-IC525	J10140.D	04/26/07 15:47	DFT	2	GCMSJ	TO-15	Reporting this level
MSJ525-IC525	J10141.D	04/26/07 16:42	DFT	0.5	GCMSJ	TO-15	
MSJ525-IC525	J10143.D	04/26/07 18:19	DFT	40	GCMSJ	TO-15	
MSJ525-IC525	J10144.D	04/27/07 09:19	DFT	0.2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.14	14.65	0.897	ok	0.897	0.837-0.957
Isopropylbenzene	16.42	14.65	1.121	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.87	8.58	0.684	ok	0.686	0.626-0.746
Methylene chloride	6.50	8.58	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.03	8.58	0.936	ok	0.936	0.876-0.996
Methyl Isobutyl Ketone	11.96	10.40	1.150	ok	1.149	1.089-1.209
Methyl Tert Butyl Ether	7.69	8.58	0.896	ok	0.897	0.837-0.957
Nonane	15.96	14.65	1.089	ok	1.089	1.029-1.149
Pentane	6.09	8.58	0.710	ok	0.711	0.651-0.771
Propylene	3.98	8.58	0.464	ok	0.464	0.404-0.524
Styrene	15.66	14.65	1.069	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.64	8.58	1.124	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.78	14.65	1.077	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.60	10.40	1.212	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.27	14.65	1.384	ok	1.383	1.323-1.443
1,2,4-Trimethylbenzene	17.71	14.65	1.209	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.25	14.65	1.177	ok	1.177	1.117-1.237
2,2,4-Trimethylpentane	11.09	10.40	1.066	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.47	8.58	0.754	ok	0.757	0.697-0.817
Tetrachloroethylene	13.99	14.65	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.14	8.58	1.065	ok	1.066	1.006-1.126
Toluene	12.86	10.40	1.237	ok	1.236	1.176-1.296
Trichloroethylene	11.08	10.40	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.76	8.58	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.43	8.58	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.75	8.58	0.903	ok	0.904	0.844-0.964
m,p-Xylene	15.27	14.65	1.042	ok	1.042	0.982-1.102
o-Xylene	15.78	14.65	1.077	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	8.58	ok	8.60	8.27-8.93	72125	ok	78727	47236-110218
1,4-Difluorobenzene	10.40	ok	10.42	10.09-10.75	296310	ok	335978	201587-470369
Chlorobenzene-D5	14.65	ok	14.66	14.33-14.99	258739	ok	288335	173001-403669

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64245
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	
MSJ525-IC525	J10137.D	04/26/07 12:53	DFT	20	GCMSJ	TO-15	
MSJ525-ICC525	J10138.D	04/26/07 13:46	DFT	10	GCMSJ	TO-15	
MSJ525-IC525	J10139.D	04/26/07 14:44	DFT	5	GCMSJ	TO-15	
MSJ525-IC525	J10140.D	04/26/07 15:47	DFT	2	GCMSJ	TO-15	
MSJ525-IC525	J10141.D	04/26/07 16:42	DFT	0.5	GCMSJ	TO-15	Reporting this level
MSJ525-IC525	J10143.D	04/26/07 18:19	DFT	40	GCMSJ	TO-15	
MSJ525-IC525	J10144.D	04/27/07 09:19	DFT	0.2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.64	8.58	0.657	ok	0.655	0.595-0.715
1,3-Butadiene	4.56	8.58	0.531	ok	0.531	0.471-0.591
Benzene	10.09	10.40	0.970	ok	0.969	0.909-1.029
Bromodichloromethane	11.06	10.40	1.063	ok	1.063	1.003-1.123
Bromoform	15.38	14.65	1.050	ok	1.049	0.989-1.109
Bromomethane	4.83	8.58	0.563	ok	0.563	0.503-0.623
Bromoethene	5.35	8.58	0.624	ok	0.623	0.563-0.683
Benzyl Chloride	17.89	14.65	1.221	ok	1.220	1.160-1.280
Carbon disulfide	6.81	8.58	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.70	14.65	1.003	ok	1.003	0.943-1.063
Chloroethane	5.00	8.58	0.583	ok	0.582	0.522-0.642
Chloroform	8.70	8.58	1.014	ok	1.014	0.954-1.074
Chloromethane	4.22	8.58	0.492	ok	0.491	0.431-0.551
3-Chloropropene	6.61	8.58	0.770	ok	0.771	0.711-0.831
2-Chlorotoluene	16.97	14.65	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.22	8.58	1.191	ok	1.191	1.131-1.251
Cyclohexane	10.33	10.40	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.61	8.58	0.887	ok	0.887	0.827-0.947
1,1-Dichloroethylene	6.39	8.58	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.55	14.65	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.41	8.58	1.097	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.87	10.40	1.045	ok	1.044	0.984-1.104
Dichlorodifluoromethane	4.05	8.58	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.30	14.65	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.42	8.58	0.865	ok	0.864	0.804-0.924
cis-1,2-Dichloroethylene	8.42	8.58	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.91	10.40	1.145	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.90	14.65	1.222	ok	1.221	1.161-1.281
o-Dichlorobenzene	18.37	14.65	1.254	ok	1.253	1.193-1.313
p-Dichlorobenzene	17.98	14.65	1.227	ok	1.226	1.166-1.286
trans-1,3-Dichloropropene	12.42	10.40	1.194	ok	1.193	1.133-1.253
Ethanol	5.19	8.58	0.605	ok	0.601	0.541-0.661
Ethylbenzene	15.08	14.65	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.65	8.58	1.008	ok	1.008	0.948-1.068
4-Ethyltoluene	17.25	14.65	1.177	ok	1.171	1.111-1.231
Freon 113	6.75	8.58	0.787	ok	0.787	0.727-0.847
Freon 114	4.31	8.58	0.502	ok	0.501	0.441-0.561
Heptane	11.33	10.40	1.089	ok	1.089	1.029-1.149
Hexachlorobutadiene	20.76	14.65	1.417	ok	1.416	1.356-1.476
Hexane	8.58	8.58	1.000	ok	1.001	0.941-1.061
2-Hexanone	13.16	14.65	0.898	ok	0.897	0.837-0.957

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64245
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	
MSJ525-IC525	J10137.D	04/26/07 12:53	DFT	20	GCMSJ	TO-15	
MSJ525-ICC525	J10138.D	04/26/07 13:46	DFT	10	GCMSJ	TO-15	
MSJ525-IC525	J10139.D	04/26/07 14:44	DFT	5	GCMSJ	TO-15	
MSJ525-IC525	J10140.D	04/26/07 15:47	DFT	2	GCMSJ	TO-15	
MSJ525-IC525	J10141.D	04/26/07 16:42	DFT	0.5	GCMSJ	TO-15	Reporting this level
MSJ525-IC525	J10143.D	04/26/07 18:19	DFT	40	GCMSJ	TO-15	
MSJ525-IC525	J10144.D	04/27/07 09:19	DFT	0.2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Isopropylbenzene	16.42	14.65	1.121	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.91	8.58	0.689	ok	0.686	0.626-0.746
Methylene chloride	6.51	8.58	0.759	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.05	8.58	0.938	ok	0.936	0.876-0.996
Methyl Isobutyl Ketone	11.98	10.40	1.152	ok	1.149	1.089-1.209
Methyl Tert Butyl Ether	7.71	8.58	0.899	ok	0.897	0.837-0.957
Nonane	15.96	14.65	1.089	ok	1.089	1.029-1.149
Pentane	6.09	8.58	0.710	ok	0.711	0.651-0.771
Propylene	3.98	8.58	0.464	ok	0.464	0.404-0.524
Styrene	15.66	14.65	1.069	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.64	8.58	1.124	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.78	14.65	1.077	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.60	10.40	1.212	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.27	14.65	1.384	ok	1.383	1.323-1.443
1,2,4-Trimethylbenzene	17.71	14.65	1.209	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.25	14.65	1.177	ok	1.177	1.117-1.237
2,2,4-Trimethylpentane	11.09	10.40	1.066	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.53	8.58	0.761	ok	0.757	0.697-0.817
Tetrachloroethylene	14.00	14.65	0.956	ok	0.955	0.895-1.015
Tetrahydrofuran	9.18	8.58	1.070	ok	1.066	1.006-1.126
Toluene	12.87	10.40	1.238	ok	1.236	1.176-1.296
Trichloroethylene	11.08	10.40	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.75	8.58	0.670	ok	0.671	0.611-0.731
Vinyl chloride	4.43	8.58	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.76	8.58	0.904	ok	0.904	0.844-0.964
m,p-Xylene	15.27	14.65	1.042	ok	1.042	0.982-1.102
o-Xylene	15.77	14.65	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	8.58	ok	8.60	8.27-8.93	72731	ok	78727	47236-110218
1,4-Difluorobenzene	10.40	ok	10.42	10.09-10.75	309052	ok	335978	201587-470369
Chlorobenzene-D5	14.65	ok	14.66	14.33-14.99	257665	ok	288335	173001-403669

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64245
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	
MSJ525-IC525	J10137.D	04/26/07 12:53	DFT	20	GCMSJ	TO-15	
MSJ525-ICC525	J10138.D	04/26/07 13:46	DFT	10	GCMSJ	TO-15	
MSJ525-IC525	J10139.D	04/26/07 14:44	DFT	5	GCMSJ	TO-15	
MSJ525-IC525	J10140.D	04/26/07 15:47	DFT	2	GCMSJ	TO-15	
MSJ525-IC525	J10141.D	04/26/07 16:42	DFT	0.5	GCMSJ	TO-15	
MSJ525-IC525	J10143.D	04/26/07 18:19	DFT	40	GCMSJ	TO-15	Reporting this level
MSJ525-IC525	J10144.D	04/27/07 09:19	DFT	0.2	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	0.655	0.595-0.715
1,3-Butadiene	4.58	8.63	0.531	ok	0.531	0.471-0.591
Benzene	10.13	10.45	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.10	10.45	1.062	ok	1.063	1.003-1.123
Bromoform	15.41	14.68	1.050	ok	1.049	0.989-1.109
Bromomethane	4.85	8.63	0.562	ok	0.563	0.503-0.623
Bromoethene	5.38	8.63	0.623	ok	0.623	0.563-0.683
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	5.02	8.63	0.582	ok	0.582	0.522-0.642
Chloroform	8.75	8.63	1.014	ok	1.014	0.954-1.074
Chloromethane	4.22	8.63	0.489	ok	0.491	0.431-0.551
3-Chloropropene	6.66	8.63	0.772	ok	0.771	0.711-0.831
2-Chlorotoluene	16.99	14.68	1.157	ok	1.158	1.098-1.218
Carbon tetrachloride	10.26	8.63	1.189	ok	1.191	1.131-1.251
Cyclohexane	10.37	10.45	0.992	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.66	8.63	0.888	ok	0.887	0.827-0.947
1,1-Dichloroethylene	6.42	8.63	0.744	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.58	14.68	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	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	11.16	10.45	1.068	ok	1.070	1.010-1.130
Dichlorodifluoromethane	4.06	8.63	0.470	ok	0.472	0.412-0.532
Dibromochloromethane	13.34	14.68	0.909	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.45	8.63	0.863	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	1.253	1.193-1.313
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	1.193	1.133-1.253
Ethanol	5.18	8.63	0.600	ok	0.601	0.541-0.661
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	1.171	1.111-1.231
Freon 113	6.79	8.63	0.787	ok	0.787	0.727-0.847
Freon 114	4.32	8.63	0.501	ok	0.501	0.441-0.561
Heptane	11.37	10.45	1.088	ok	1.089	1.029-1.149
Hexachlorobutadiene	20.77	14.68	1.415	ok	1.416	1.356-1.476
Hexane	8.63	8.63	1.000	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64245
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	
MSJ525-IC525	J10137.D	04/26/07 12:53	DFT	20	GCMSJ	TO-15	
MSJ525-ICC525	J10138.D	04/26/07 13:46	DFT	10	GCMSJ	TO-15	
MSJ525-IC525	J10139.D	04/26/07 14:44	DFT	5	GCMSJ	TO-15	
MSJ525-IC525	J10140.D	04/26/07 15:47	DFT	2	GCMSJ	TO-15	
MSJ525-IC525	J10141.D	04/26/07 16:42	DFT	0.5	GCMSJ	TO-15	
MSJ525-IC525	J10143.D	04/26/07 18:19	DFT	40	GCMSJ	TO-15	Reporting this level
MSJ525-IC525	J10144.D	04/27/07 09:19	DFT	0.2	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	0.897	0.837-0.957
Isopropylbenzene	16.44	14.68	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.92	8.63	0.686	ok	0.686	0.626-0.746
Methylene chloride	6.54	8.63	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.07	8.63	0.935	ok	0.936	0.876-0.996
Methyl Isobutyl Ketone	11.99	10.45	1.147	ok	1.149	1.089-1.209
Methyl Tert Butyl Ether	7.72	8.63	0.895	ok	0.897	0.837-0.957
Nonane	15.98	14.68	1.089	ok	1.089	1.029-1.149
Pentane	6.13	8.63	0.710	ok	0.711	0.651-0.771
Propylene	3.99	8.63	0.462	ok	0.464	0.404-0.524
Styrene	15.68	14.68	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.68	8.63	1.122	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	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.28	14.68	1.381	ok	1.383	1.323-1.443
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	1.177	1.117-1.237
2,2,4-Trimethylpentane	11.13	10.45	1.065	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.52	8.63	0.756	ok	0.757	0.697-0.817
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	1.236	1.176-1.296
Trichloroethylene	11.12	10.45	1.064	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.79	8.63	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.45	8.63	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.80	8.63	0.904	ok	0.904	0.844-0.964
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	8.60	8.27-8.93	78991	ok	78727	47236-110218
1,4-Difluorobenzene	10.45	ok	10.42	10.09-10.75	331420	ok	335978	201587-470369
Chlorobenzene-D5	14.68	ok	14.66	14.33-14.99	309562	ok	288335	173001-403669

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64245
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	
MSJ525-IC525	J10137.D	04/26/07 12:53	DFT	20	GCMSJ	TO-15	
MSJ525-ICC525	J10138.D	04/26/07 13:46	DFT	10	GCMSJ	TO-15	
MSJ525-IC525	J10139.D	04/26/07 14:44	DFT	5	GCMSJ	TO-15	
MSJ525-IC525	J10140.D	04/26/07 15:47	DFT	2	GCMSJ	TO-15	
MSJ525-IC525	J10141.D	04/26/07 16:42	DFT	0.5	GCMSJ	TO-15	
MSJ525-IC525	J10143.D	04/26/07 18:19	DFT	40	GCMSJ	TO-15	
MSJ525-IC525	J10144.D	04/27/07 09:19	DFT	0.2	GCMSJ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.69	8.62	0.660	ok	0.655	0.595-0.715
1,3-Butadiene	4.58	8.62	0.531	ok	0.531	0.471-0.591
Benzene	10.12	10.44	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.09	10.44	1.062	ok	1.063	1.003-1.123
Bromoform	15.38	14.67	1.048	ok	1.049	0.989-1.109
Bromomethane	4.86	8.62	0.564	ok	0.563	0.503-0.623
Bromoethene	5.37	8.62	0.623	ok	0.623	0.563-0.683
Benzyl Chloride	17.88	14.67	1.219	ok	1.220	1.160-1.280
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	0.582	0.522-0.642
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.23	8.62	0.491	ok	0.491	0.431-0.551
3-Chloropropene	6.65	8.62	0.771	ok	0.771	0.711-0.831
2-Chlorotoluene	16.98	14.67	1.157	ok	1.158	1.098-1.218
Carbon tetrachloride	10.26	8.62	1.190	ok	1.191	1.131-1.251
Cyclohexane	10.37	10.44	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.66	8.62	0.889	ok	0.887	0.827-0.947
1,1-Dichloroethylene	6.42	8.62	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.56	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	10.44	1.044	ok	1.044	0.984-1.104
Dichlorodifluoromethane	4.07	8.62	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.32	14.67	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.46	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	11.93	10.44	1.143	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	1.253	1.193-1.313
p-Dichlorobenzene	17.98	14.67	1.226	ok	1.226	1.166-1.286
trans-1,3-Dichloropropene	12.44	10.44	1.192	ok	1.193	1.133-1.253
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.71	8.62	1.010	ok	1.008	0.948-1.068
4-Ethyltoluene	17.16	14.67	1.170	ok	1.171	1.111-1.231
Freon 113	6.80	8.62	0.789	ok	0.787	0.727-0.847
Freon 114	4.32	8.62	0.501	ok	0.501	0.441-0.561
Heptane	11.36	10.44	1.088	ok	1.089	1.029-1.149
Hexachlorobutadiene	20.77	14.67	1.416	ok	1.416	1.356-1.476
Hexane	8.63	8.62	1.001	ok	1.001	0.941-1.061
2-Hexanone	13.18	14.67	0.898	ok	0.897	0.837-0.957
Isopropylbenzene	16.42	14.67	1.119	ok	1.120	1.060-1.180

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M64245
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	
MSJ525-IC525	J10137.D	04/26/07 12:53	DFT	20	GCMSJ	TO-15	
MSJ525-ICC525	J10138.D	04/26/07 13:46	DFT	10	GCMSJ	TO-15	
MSJ525-IC525	J10139.D	04/26/07 14:44	DFT	5	GCMSJ	TO-15	
MSJ525-IC525	J10140.D	04/26/07 15:47	DFT	2	GCMSJ	TO-15	
MSJ525-IC525	J10141.D	04/26/07 16:42	DFT	0.5	GCMSJ	TO-15	
MSJ525-IC525	J10143.D	04/26/07 18:19	DFT	40	GCMSJ	TO-15	
MSJ525-IC525	J10144.D	04/27/07 09:19	DFT	0.2	GCMSJ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Isopropyl Alcohol	5.97	8.62	0.693	ok	0.686	0.626-0.746
Methylene chloride	6.55	8.62	0.760	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.10	8.62	0.940	ok	0.936	0.876-0.996
Methyl Isobutyl Ketone	12.01	10.44	1.150	ok	1.149	1.089-1.209
Methyl Tert Butyl Ether	7.76	8.62	0.900	ok	0.897	0.837-0.957
Nonane	15.97	14.67	1.089	ok	1.089	1.029-1.149
Pentane	6.15	8.62	0.713	ok	0.711	0.651-0.771
Propylene	4.00	8.62	0.464	ok	0.464	0.404-0.524
Styrene	15.66	14.67	1.067	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.68	8.62	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.79	14.67	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.62	10.44	1.209	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.28	14.67	1.382	ok	1.383	1.323-1.443
1,2,4-Trimethylbenzene	17.71	14.67	1.207	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.25	14.67	1.176	ok	1.177	1.117-1.237
2,2,4-Trimethylpentane	11.11	10.44	1.064	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.59	8.62	0.765	ok	0.757	0.697-0.817
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.23	8.62	1.071	ok	1.066	1.006-1.126
Toluene	12.88	10.44	1.234	ok	1.236	1.176-1.296
Trichloroethylene	11.12	10.44	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.79	8.62	0.672	ok	0.671	0.611-0.731
Vinyl chloride	4.45	8.62	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.81	8.62	0.906	ok	0.904	0.844-0.964
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	8.60	8.27-8.93	76765	ok	78727	47236-110218
1,4-Difluorobenzene	10.44	ok	10.42	10.09-10.75	323888	ok	335978	201587-470369
Chlorobenzene-D5	14.67	ok	14.66	14.33-14.99	262544	ok	288335	173001-403669

Volatile Surrogate Recovery Summary

Job Number: M64245
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
M64245-1	J10174.D	84.0
M64245-2	J10175.D	90.0
M64241-1DUP	J10172.D	84.0
MSJ516-SCC	J9975.D	75.0
MSJ518-SCC	J10019A.D	80.0
MSJ526-BS	J10166A.D	99.0
MSJ526-MB	J10168.D	87.0
MSJ516-BS	J9973A.D	100.0
MSJ516-MB	J9975.D	75.0
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: M64245 **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: M64245 **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: M64245 **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: M64245 **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: M64245 **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: M64245 **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: M64245 **Sample:** MSJ516-CC513
Account: GEI GEI Consultants, Inc. **Lab FileID:** J9973.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\J9973.D Vial: 4
Acq On : 10 Apr 2007 1:53 pm Operator: PhilipB
Sample : CC513-10 (M119) Inst : MSJ
Misc : MS13352, MSJ516,,,,,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	82	-0.02	8.61
2	m	DICHLORODIFLUOROMETHANE	2.268	2.318	-2.2	86	0.00	4.06
3	m	PROPYLENE	0.358	0.447	-24.9	103	0.00	3.99
4	m	FREON 114	1.913	2.008	-5.0	91	-0.01	4.31
5	m	CHLOROMETHANE	0.512	0.597	-16.6	106	0.00	4.23
6	m	VINYL CHLORIDE	0.535	0.602	-12.5	95	-0.01	4.44
7	m	1,3-BUTADIENE	0.442	0.563	-27.4	98	-0.01	4.57
8	m	BROMOMETHANE	0.594	0.601	-1.2	86	0.00	4.85
9	m	CHLOROETHANE	0.247	0.267	-8.1	97	-0.01	5.02
10	m	TRICHLOROFLUOROMETHANE	2.455	2.487	-1.3	84	-0.02	5.78
		----------	True	Calc.	% Drift	----------		
11	m	ISOPROPYL ALCOHOL	10.000	9.889	1.1	92	-0.02	5.90
12	m	ACETONE	10.000	11.801	-18.0	107	-0.02	5.63
		----------	AvgRF	CCRF	% Dev	----------		
13	m	PENTANE	0.563	0.602	-6.9	96	-0.02	6.12
14	m	1,1-DICHLOROETHYLENE	0.571	0.562	1.6	80	-0.02	6.41
15	m	CARBON DISULFIDE	1.839	1.827	0.7	84	-0.02	6.83
		----------	True	Calc.	% Drift	----------		
16	m	ETHANOL	10.000	10.772	-7.7	101	0.00	5.18
		----------	AvgRF	CCRF	% Dev	----------		
17	m	BROMOETHENE	0.547	0.550	-0.5	80	-0.01	5.37
18	m	METHYLENE CHLORIDE	0.705	0.564	20.0	87	-0.02	6.53
19	m	3-CHLOROPROPENE	0.558	0.587	-5.2	89	-0.02	6.64
20	m	FREON 113	1.301	1.263	2.9	81	-0.02	6.77
21	m	TRANS-1,2-DICHLOROETHYLEN	0.630	0.626	0.6	80	-0.02	7.44
22	m	TERTIARY BUTYL ALCOHOL	0.972	0.937	3.6	80	-0.02	6.50
23	m	METHYL TERTIARY BUTYL ETH	1.340	1.358	-1.3	84	-0.02	7.72
24	m	TETRAHYDROFURAN	0.365	0.481	-31.8#	105	-0.02	9.16
25	m	HEXANE	0.844	0.717	15.0	79	-0.02	8.62
26	m	VINYL ACETATE	0.876	0.836	4.6	84	-0.02	7.78
27	m	1,1-DICHLOROETHANE	1.163	1.124	3.4	85	-0.02	7.64
28	m	METHYL ETHYL KETONE	0.980	0.917	6.4	92	-0.02	8.05
29	m	cis-1,2-DICHLOROETHYLENE	0.701	0.716	-2.1	85	-0.02	8.45
30	m	ETHYL ACETATE	1.009	0.968	4.1	90	-0.01	8.68
31	m	CHLOROFORM	1.945	1.994	-2.5	88	-0.02	8.73
32	m	1,1,1-TRICHLOROETHANE	1.515	1.553	-2.5	87	-0.02	9.67
33	m	CARBON TETRACHLORIDE	1.890	1.995	-5.6	88	-0.01	10.25
34	m	1,2-DICHLOROETHANE	0.767	0.839	-9.4	92	-0.02	9.44

Continuing Calibration Summary

Job Number: M64245 **Sample:** MSJ516-CC513
Account: GEI GEI Consultants, Inc. **Lab FileID:** J9973.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	84	-0.01	10.43
36	m	BENZENE	0.448	0.498	-11.2	94	-0.02	10.11
37	m	CYCLOHEXANE	0.196	0.234	-19.4	91	-0.01	10.36
38	m	TRICHLOROETHYLENE	0.242	0.306	-26.4	98	-0.01	11.11
39	m	1,2-DICHLOROPROPANE	0.165	0.198	-20.0	107	-0.02	10.89
40	m	BROMODICHLOROMETHANE	0.515	0.573	-11.3	100	-0.01	11.08
41	m	2,2,4-TRIMETHYLPENTANE	0.816	1.022	-25.2	101	-0.01	11.11
			True	Calc.	% Drift			
42	m	1,4-DIOXANE	10.000	9.860	1.4	98	-0.01	11.16
			AvgRF	CCRF	% Dev			
43	m	HEPTANE	0.259	0.353	-36.3#	110	-0.01	11.35
			True	Calc.	% Drift			
44	m	METHYL ISOBUTYL KETONE	10.000	11.627	-16.3	112	-0.01	11.98
45	m	cis-1,3-DICHLOROPROPENE	10.000	10.318	-3.2	98	0.00	11.93
46	m	TOLUENE	10.000	9.852	1.5	103	0.00	12.88
47	m	trans-1,3-DICHLOROPROPENE	10.000	9.940	0.6	99	0.00	12.44
			AvgRF	CCRF	% Dev			
48	m	1,1,2-TRICHLOROETHANE	0.173	0.210	-21.4	105	0.00	12.62
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	81	0.00	14.67
			True	Calc.	% Drift			
50	m	2-HEXANONE	10.000	11.096	-11.0	109	0.00	13.15
			AvgRF	CCRF	% Dev			
51	m	TETRACHLOROETHYLENE	0.257	0.302	-17.5	92	-0.01	14.01
52	m	DIBROMOCHLOROMETHANE	0.567	0.658	-16.0	100	0.00	13.32
			True	Calc.	% Drift			
53	m	1,2-DIBROMOETHANE	10.000	9.928	0.7	102	0.00	13.57
			AvgRF	CCRF	% Dev			
54	m	CHLOROBENZENE	0.429	0.639	-49.0#	102	0.00	14.71
			True	Calc.	% Drift			
55	m	ETHYLBENZENE	10.000	11.631	-16.3	104	0.00	15.09
56	m	m,p-XYLENE	20.000	22.789	-13.9	103	0.00	15.28
57	m	o-XYLENE	10.000	11.134	-11.3	103	0.00	15.79
58	m	STYRENE	10.000	11.123	-11.2	99	0.00	15.67
59	m	NONANE	10.000	12.382	-23.8	117	0.00	15.97
60	m	BROMOFORM	10.000	10.618	-6.2	97	0.00	15.40
			AvgRF	CCRF	% Dev			
61	S	4-BROMOFLUOROBENZENE	0.524	0.601	-14.7	74	0.00	16.29
62	m	1,1,2,2-TETRACHLOROETHANE	0.602	0.806	-33.9#	108	0.00	15.79
			True	Calc.	% Drift			
63	m	ISOPROPYLBENZENE	10.000	11.327	-13.3	104	0.00	16.43
64	m	2-CHLOROTOLUENE	10.000	11.441	-14.4	105	0.00	16.98
65	m	4-ETHYLTOLUENE	10.000	10.916	-9.2	101	0.00	17.17
66	m	1,3,5-TRIMETHYLBENZENE	10.000	10.929	-9.3	102	0.00	17.26
67	m	1,2,4-TRIMETHYLBENZENE	10.000	10.796	-8.0	100	0.00	17.72
68	m	m-DICHLOROBENZENE	10.000	10.810	-8.1	99	0.00	17.91
69	m	BENZYL CHLORIDE	10.000	10.255	-2.6	93	0.00	17.89
70	m	p-DICHLOROBENZENE	10.000	10.515	-5.2	95	0.00	17.98

Continuing Calibration Summary

Job Number: M64245 **Sample:** MSJ516-CC513
Account: GEI GEI Consultants, Inc. **Lab FileID:** J9973.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

71 m	o-DICHLOROBENZENE	10.000	10.699	-7.0	99	0.00	18.37
72 m	HEXACHLOROBUTADIENE	10.000	10.071	-0.7	94	0.00	20.77
73 m	1,2,4-TRICHLOROBENZENE	10.000	9.576	4.2	88	0.00	20.28
		AvgRF	CCRF	% Dev			
74 m	NAPHTHALENE	0.000	0.000	0.0	0#	0.00	20.40

(5.7 %) 4 of 70 compounds'%D > 30

(#) = Out of Range SPCC's out = 0 CCC's out = 0
J9928.D J040507T.M Wed Apr 11 09:01:35 2007

Continuing Calibration Summary

Job Number: M64245 **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: M64245 **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: M64245 **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: M64245 **Sample:** MSJ525-ICC525
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10138.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Response Factor Report MSJ

Method : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Apr 27 09:59:19 2007
Response via : Initial Calibration

Calibration Files
40 =J10143.D 20 =J10137.D 10 =J10138.D 5 =J10139.D
2 =J10140.D .5 =J10141.D .2 =J10144.D 4 =J10094.D

Compound	40	20	10	5	2	.5	.2	4	Avg	%RSD
1) I BROMOCHLOROMETHANE	----------ISTD----------									
2) DICHLORODIFL	3.750	3.538	3.949	3.969	4.279	4.038	4.243		3.967	6.59
3) PROPYLENE	0.498	0.519	0.555	0.535	0.584	0.445	0.216		0.479	25.87
4) FREON 114	3.015	2.861	3.101	3.031	3.501	3.228	3.554		3.184	8.13
5) CHLOROMETHAN	0.649	0.669	0.740	0.698	0.772	0.365	0.179		0.582	38.18
----- Linear regression ----- Coefficient = 0.9986										
Response Ratio = 0.02102 + 0.65030 *A										
6) VINYL CHLORI	0.823	0.834	0.899	0.855	0.934	0.796	0.511		0.808	17.18
7) 1,3-BUTADIEN	0.617	0.595	0.613	0.599	0.643	0.219	0.315		0.514	33.45
----- Linear regression ----- Coefficient = 0.9997										
Response Ratio = -0.01023 + 0.61627 *A										
8) BROMOMETHANE	0.983	0.963	1.019	0.992	1.115	0.979	0.754		0.972	11.17
9) CHLOROETHANE	0.390	0.390	0.403	0.378	0.447	0.251	0.062		0.332	40.19
----- Linear regression ----- Coefficient = 0.9998										
Response Ratio = 0.00001 + 0.39087 *A										
10) TRICHLOROFLU	3.855	3.438	3.738	3.707	4.457	4.094	4.539		3.975	10.25
11) ISOPROPYL AL	1.088	0.978	0.986	0.903	1.322	0.979	1.053		1.044	13.05
12) ACETONE	1.049	0.900	0.912	0.888	1.366	1.107	1.632		1.122	25.04
13) PENTANE	0.665	0.643	0.678	0.647	0.776	0.633	0.533		0.654	10.94
14) 1,1-DICHLORO	0.936	0.909	0.931	0.886	0.982	0.781	0.724		0.878	10.49
15) CARBON DISUL	2.504	2.431	2.632	2.514	2.903	2.645	3.172		2.686	9.80
16) ETHANOL	0.161	0.147	0.153	0.125	0.212	0.027			0.138	44.55
----- Linear regression ----- Coefficient = 0.9968										
Response Ratio = -0.00788 + 0.16084 *A										
17) BROMOETHENE	1.012	0.970	1.011	0.945	1.065	0.842	0.285		0.876	30.82
----- Linear regression ----- Coefficient = 0.9995										
Response Ratio = -0.01520 + 1.00872 *A										
18) METHYLENE CH	0.820	0.809	0.814	0.778	1.466	1.972	2.969		1.375	60.88
----- Linear regression ----- Coefficient = 0.9983										
Response Ratio = 0.04600 + 0.80185 *A										
19) 3-CHLOROPROP	0.801	0.722	0.704	0.625	0.824	0.621	0.074		0.624	40.80
----- Linear regression ----- Coefficient = 0.9971										
Response Ratio = -0.04695 + 0.79670 *A										
20) FREON 113	2.067	1.885	1.923	1.853	2.398	2.052	2.068		2.035	9.02
21) TRANS-1,2-DI	0.958	0.909	0.921	0.846	1.065	0.848	0.754		0.900	10.91
22) TERTIARY BUT	1.691	1.433	1.436	1.319	1.696	1.277	0.811		1.381	21.74
23) METHYL TERTI	2.229	1.872	1.889	1.804	2.287	1.802	1.620		1.929	12.53
24) TETRAHYDROFU	0.594	0.523	0.508	0.460	0.577	0.248	0.102		0.430	42.99
----- Linear regression ----- Coefficient = 0.9961										

Initial Calibration Summary

Job Number: M64245 **Sample:** MSJ525-ICC525
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10138.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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                Response Ratio = -0.04274 + 0.59085 *A

25) HEXANE       1.014 0.913 0.921 0.921 1.452 1.242 1.348       1.116  20.37
26) VINYL ACETAT 1.385 1.145 1.114 1.084 1.366 0.948 0.677       1.103  22.10
27) 1,1-DICHLORO 1.614 1.486 1.459 1.373 1.760 1.496 1.329       1.502   9.73
28) METHYL ETHYL 1.140 0.978 0.996 0.922 1.329 0.972 1.222       1.080  14.14
29) cis-1,2-DICH 0.983 0.891 0.877 0.800 0.997 0.834 0.748       0.876  10.44
30) ETHYL ACETAT 1.271 1.054 1.065 0.979 1.356 1.026 1.025       1.111  12.89
31) CHLOROFORM   2.449 2.130 2.150 2.040 2.688 2.251 2.218       2.275   9.78
32) 1,1,1-TRICHL 2.977 2.606 2.594 2.420 3.219 2.666 2.693       2.739   9.82
33) CARBON TETRA 3.669 3.150 3.230 3.193 3.998 3.484 3.490       3.459   8.80
34) 1,2-DICHLORO 1.518 1.233 1.236 1.180 1.589 1.145 1.324       1.318  13.00

35) I   1,4-DIFLUOROBENZENE   ----------------ISTD---------------------
36) BENZENE      0.571 0.481 0.447 0.418 0.579 0.411 0.464       0.481  14.18
37) CYCLOHEXANE  0.256 0.233 0.230 0.213 0.258 0.174 0.127       0.213  22.24
38) TRICHLOROETH 0.325 0.251 0.251 0.238 0.317 0.241 0.252       0.268  13.77
39) 1,2-DICHLORO 0.185 0.152 0.146 0.140 0.194 0.121 0.122       0.152  18.91
40) BROMODICHLOR 0.574 0.449 0.443 0.435 0.603 0.450 0.489       0.492  14.01
41) 2,2,4-TRIMET 0.933 0.818 0.763 0.679 0.890 0.605 0.593       0.755  17.82
42) 1,4-DIOXANE  0.108 0.090 0.086 0.060 0.115                   0.092  23.32
43) HEPTANE      0.269 0.224 0.217 0.200 0.253 0.157 0.123       0.206  24.94
44) METHYL ISOBU 0.355 0.285 0.268 0.231 0.374 0.199 0.279       0.284  21.96
45) cis-1,3-DICH 0.344 0.268 0.263 0.234 0.313 0.182 0.212       0.260  21.61
46) TOLUENE      0.430 0.333 0.324 0.299 0.393 0.252 0.241       0.325  21.33
47) trans-1,3-DI 0.310 0.238 0.229 0.198 0.265 0.140 0.120       0.214  31.44
          ----- Quadratic regression -----                Coefficient =  0.9995
                Response Ratio = 0.00560 + 0.17438 *A + 0.03342 *A^2

48) 1,1,2-TRICHL 0.211 0.167 0.164 0.152 0.213 0.146 0.133       0.169  18.42

49) I   CHLOROBENZENE-D5      ----------------ISTD---------------------
50) 2-HEXANONE   0.323 0.273 0.250 0.222 0.401 0.195 0.352       0.288  25.72
51) TETRACHLOROE 0.423 0.333 0.326 0.315 0.424 0.335 0.342       0.357  12.98
52) DIBROMOCHLOR 0.664 0.529 0.536 0.516 0.699 0.538 0.647       0.590  13.02
53) 1,2-DIBROMOE 0.466 0.372 0.368 0.344 0.486 0.340 0.439       0.402  14.99
54) CHLOROBENZEN 0.666 0.544 0.548 0.520 0.697 0.518 0.658       0.593  13.03
55) ETHYLBENZENE 1.077 0.876 0.865 0.807 1.034 0.606 0.694       0.851  19.90
56) m,p-XYLENE   0.445 0.350 0.341 0.321 0.422 0.249 0.264       0.342  21.42
57) o-XYLENE     0.463 0.357 0.345 0.311 0.419 0.219 0.246       0.337  25.99
58) STYRENE      0.658 0.527 0.485 0.406 0.569 0.270 0.329       0.463  29.53
59) NONANE       0.439 0.361 0.349 0.310 0.446 0.233 0.168       0.329  30.98
          ----- Quadratic regression -----                Coefficient =  0.9995
                Response Ratio = 0.00760 + 0.28988 *A + 0.03656 *A^2

60) BROMOFORM    0.709 0.548 0.540 0.498 0.760 0.510 0.715       0.612  18.23
61) 4-BROMOFLUOR 0.746 0.671 0.624 0.593 0.645 0.572 0.544       0.628  10.79
62) 1,1,2,2-TETR 0.625 0.495 0.469 0.422 0.739 0.480 0.651       0.554  21.09
63) ISOPROPYLBEN 1.369 1.065 1.031 0.940 1.292 0.762 0.831       1.042  21.59
64) 2-CHLOROTOLU 0.956 0.743 0.696 0.622 0.927 0.490 0.674       0.730  22.66
65) 4-ETHYLTOLUE 1.185 0.903 0.829 0.714 1.106 0.588 0.640       0.852  26.76
66) 1,3,5-TRIMET 1.154 0.873 0.803 0.721 1.171 0.588 0.735       0.864  25.69
67) 1,2,4-TRIMET 1.101 0.828 0.748 0.652 1.090 0.497 0.717       0.805  27.73
68) m-DICHLOROBE 0.777 0.580 0.536 0.471 0.839 0.465 0.842       0.644  26.32
69) BENZYL CHLOR 0.703 0.527 0.477 0.394 0.736 0.389 0.590       0.545  25.47
70) p-DICHLOROBE 0.733 0.558 0.516 0.428 0.789 0.452 0.871       0.621  28.18
71) o-DICHLOROBE 0.692 0.522 0.466 0.408 0.806 0.488 0.875       0.608  30.00
          ----- Quadratic regression -----                Coefficient =  0.9992
                Response Ratio = 0.03081 + 0.33905 *A + 0.08613 *A^2
```

Initial Calibration Summary

Job Number: M64245 **Sample:** MSJ525-ICC525
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10138.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
72) HEXACHLOROBU 0.409 0.286 0.281 0.276 1.214 0.895 1.228       0.656  67.63
73) 1,2,4-TRICHL 0.250 0.205 0.186 0.157 0.650 0.437 0.964       0.407  74.15
         ----- Quadratic regression -----                Coefficient =  0.9916
              Response Ratio = 0.03523 + 0.12887 *A + 0.02808 *A^2

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

          J042607T.M        Fri Apr 27 14:23:00 2007
```

5.9

5

Initial Calibration Verification

Job Number: M64245 **Sample:** MSJ525-ICV525
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10146.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\J10146.D Vial: 2
Acq On : 27 Apr 2007 10:50 am Operator: danat
Sample : ICV525-10 (M050) Inst : MSJ
Misc : MS13434, MSJ525,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Apr 27 09:59:19 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	0.02	8.62
2	m	DICHLORODIFLUOROMETHANE	3.967	3.342	15.8	84	0.00	4.06
3	m	PROPYLENE	0.479	0.425	11.3	76	0.00	3.99
4	m	FREON 114	3.184	2.652	16.7	85	0.00	4.32
		----------	True	Calc.	% Drift	----------		
5	m	CHLOROMETHANE	10.000	8.529	14.7	78	0.01	4.23
		----------	AvgRF	CCRF	% Dev	----------		
6	m	VINYL CHLORIDE	0.808	0.743	8.0	82	0.00	4.44
		----------	True	Calc.	% Drift	----------		
7	m	1,3-BUTADIENE	10.000	9.055	9.5	89	0.01	4.58
		----------	AvgRF	CCRF	% Dev	----------		
8	m	BROMOMETHANE	0.972	0.883	9.2	86	0.02	4.86
		----------	True	Calc.	% Drift	----------		
9	m	CHLOROETHANE	10.000	8.797	12.0	85	0.02	5.02
		----------	AvgRF	CCRF	% Dev	----------		
10	m	TRICHLOROFLUOROMETHANE	3.975	3.462	12.9	92	0.02	5.79
11	m	ISOPROPYL ALCOHOL	1.044	0.833	20.2	84	0.03	5.91
12	m	ACETONE	1.122	0.861	23.3	94	0.02	5.64
13	m	PENTANE	0.654	0.569	13.0	83	0.02	6.13
14	m	1,1-DICHLOROETHYLENE	0.878	0.858	2.3	92	0.02	6.42
15	m	CARBON DISULFIDE	2.686	2.322	13.6	88	0.02	6.84
		----------	True	Calc.	% Drift	----------		
16	m	ETHANOL	10.000	8.616	13.8	85	0.03	5.18
17	m	BROMOETHENE	10.000	8.936	10.6	87	0.02	5.38
18	m	METHYLENE CHLORIDE	10.000	8.664	13.4	91	0.02	6.54
19	m	3-CHLOROPROPENE	10.000	8.173	18.3	85	0.03	6.66
		----------	AvgRF	CCRF	% Dev	----------		
20	m	FREON 113	2.035	1.828	10.2	95	0.02	6.79
21	m	TRANS-1,2-DICHLOROETHYLEN	0.900	0.824	8.4	89	0.02	7.45
22	m	TERTIARY BUTYL ALCOHOL	1.381	1.290	6.6	89	0.03	6.51
23	m	METHYL TERTIARY BUTYL ETH	1.929	1.811	6.1	95	0.02	7.72
		----------	True	Calc.	% Drift	----------		
24	m	TETRAHYDROFURAN	10.000	8.602	14.0	91	0.02	9.17

Initial Calibration Verification

Job Number: M64245 **Sample:** MSJ525-ICV525
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10146.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

			AvgRF	CCRF	% Dev			
25	m	HEXANE	1.116	0.870	22.0	94	0.02	8.63
26	m	VINYL ACETATE	1.103	0.989	10.3	88	0.02	7.79
27	m	1,1-DICHLOROETHANE	1.502	1.363	9.3	93	0.02	7.65
28	m	METHYL ETHYL KETONE	1.080	0.906	16.1	91	0.02	8.06
29	m	cis-1,2-DICHLOROETHYLENE	0.876	0.789	9.9	90	0.02	8.46
30	m	ETHYL ACETATE	1.111	1.014	8.7	95	0.02	8.68
31	m	CHLOROFORM	2.275	2.051	9.8	95	0.02	8.74
32	m	1,1,1-TRICHLOROETHANE	2.739	2.418	11.7	93	0.02	9.68
33	m	CARBON TETRACHLORIDE	3.459	3.106	10.2	96	0.01	10.25
34	m	1,2-DICHLOROETHANE	1.318	1.155	12.4	93	0.02	9.45
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	95	0.02	10.44
36	m	BENZENE	0.481	0.431	10.4	91	0.02	10.12
37	m	CYCLOHEXANE	0.213	0.218	-2.3	90	0.02	10.37
38	m	TRICHLOROETHYLENE	0.268	0.245	8.6	93	0.02	11.11
39	m	1,2-DICHLOROPROPANE	0.152	0.138	9.2	90	0.02	10.90
40	m	BROMODICHLOROMETHANE	0.492	0.455	7.5	98	0.02	11.09
41	m	2,2,4-TRIMETHYLPENTANE	0.755	0.703	6.9	87	0.02	11.12
42	m	1,4-DIOXANE	0.092	0.078	15.2	86	0.02	11.16
43	m	HEPTANE	0.206	0.211	-2.4	92	0.02	11.36
44	m	METHYL ISOBUTYL KETONE	0.284	0.260	8.5	92	0.01	11.98
45	m	cis-1,3-DICHLOROPROPENE	0.260	0.222	14.6	80	0.01	11.93
46	m	TOLUENE	0.325	0.309	4.9	90	0.01	12.89
			True	Calc.	% Drift			
47	m	trans-1,3-DICHLOROPROPENE	10.000	9.482	5.2	83	0.01	12.44
			AvgRF	CCRF	% Dev			
48	m	1,1,2-TRICHLOROETHANE	0.169	0.152	10.1	88	0.01	12.62
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	97	0.00	14.67
50	m	2-HEXANONE	0.288	0.222	22.9	86	0.01	13.15
51	m	TETRACHLOROETHYLENE	0.357	0.319	10.6	95	0.00	14.01
52	m	DIBROMOCHLOROMETHANE	0.590	0.523	11.4	95	0.01	13.32
53	m	1,2-DIBROMOETHANE	0.402	0.315	21.6	83	0.01	13.57
54	m	CHLOROBENZENE	0.519	0.482	7.1	86	0.01	14.72
55	m	ETHYLBENZENE	0.851	0.835	1.9	94	0.00	15.09
56	m	m,p-XYLENE	0.342	0.319	6.7	91	0.00	15.28
57	m	o-XYLENE	0.337	0.334	0.9	94	0.00	15.78
58	m	STYRENE	0.463	0.380	17.9	76	0.00	15.66
			True	Calc.	% Drift			
59	m	NONANE	10.000	9.954	0.5	93	0.00	15.97
			AvgRF	CCRF	% Dev			
60	m	BROMOFORM	0.612	0.529	13.6	95	0.00	15.40
61	S	4-BROMOFLUOROBENZENE	0.549	0.669	-21.9	104	0.00	16.29
62	m	1,1,2,2-TETRACHLOROETHANE	0.554	0.446	19.5	93	0.00	15.79
63	m	ISOPROPYLBENZENE	1.042	1.005	3.6	95	0.00	16.43
64	m	2-CHLOROTOLUENE	0.730	0.662	9.3	93	0.00	16.98
65	m	4-ETHYLTOLUENE	0.852	0.812	4.7	95	0.00	17.17
66	m	1,3,5-TRIMETHYLBENZENE	0.864	0.801	7.3	97	0.00	17.25
67	m	1,2,4-TRIMETHYLBENZENE	0.805	0.697	13.4	91	0.00	17.72
68	m	m-DICHLOROBENZENE	0.644	0.394	38.8#	72	0.00	17.91
69	m	BENZYL CHLORIDE	0.545	0.319	41.5#	65	0.00	17.88
70	m	p-DICHLOROBENZENE	0.621	0.330	46.9#	62	0.00	17.98
			True	Calc.	% Drift			

Initial Calibration Verification

Job Number: M64245 **Sample:** MSJ525-ICV525
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10146.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
71 m   o-DICHLOROBENZENE          10.000   8.588     14.1   81   0.00   18.37

           ----------------------- AvgRF   CCRF     % Dev   -------------
72 m   HEXACHLOROBUTADIENE         0.656   0.284     56.7#  99   0.00   20.76

           ----------------------- True    Calc.   % Drift  ------------
73 m   1,2,4-TRICHLOROBENZENE     10.000   3.615     63.8#  45   0.00   20.27

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

 (  7.1 %)  5 of  70 compounds'%D > 30
-------------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    J10138.D   J042607T.M       Fri Apr 27 14:22:26 2007
```

Continuing Calibration Summary

Job Number: M64245 **Sample:** MSJ526-CC525
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10166.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

```
Data File : C:\MSDCHEM\1\DATA\J10166.D                    Vial: 2
Acq On    : 30 Apr 2007  10:12 am                    Operator: danat
Sample    : CC525-10 (M050)                          Inst    : MSJ
Misc      : MS13445, MSJ526,,,,,1                    Multiplr: 1.00
MS Integration Params: LSCINT.P

Method       : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title        :  TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update  : Fri Apr 27 09:59:19 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	102	0.06	8.66
2	m	DICHLORODIFLUOROMETHANE	3.967	3.384	14.7	87	0.02	4.08
3	m	PROPYLENE	0.479	0.446	6.9	82	0.02	4.00
4	m	FREON 114	3.184	2.812	11.7	92	0.03	4.34
		----------	True	Calc.	% Drift	----------		
5	m	CHLOROMETHANE	10.000	9.115	8.8	85	0.03	4.25
		----------	AvgRF	CCRF	% Dev	----------		
6	m	VINYL CHLORIDE	0.808	0.769	4.8	87	0.03	4.46
		----------	True	Calc.	% Drift	----------		
7	m	1,3-BUTADIENE	10.000	9.895	1.1	100	0.03	4.60
		----------	AvgRF	CCRF	% Dev	----------		
8	m	BROMOMETHANE	0.972	0.951	2.2	95	0.04	4.88
		----------	True	Calc.	% Drift	----------		
9	m	CHLOROETHANE	10.000	9.322	6.8	92	0.05	5.05
		----------	AvgRF	CCRF	% Dev	----------		
10	m	TRICHLOROFLUOROMETHANE	3.975	3.654	8.1	100	0.04	5.81
11	m	ISOPROPYL ALCOHOL		----------NA----------				
12	m	ACETONE	1.122	0.903	19.5	101	0.09	5.72
13	m	PENTANE	0.654	0.694	-6.1	104	0.04	6.16
14	m	1,1-DICHLOROETHYLENE	0.878	0.906	-3.2	99	0.05	6.45
15	m	CARBON DISULFIDE	2.686	2.563	4.6	99	0.05	6.87
		----------	True	Calc.	% Drift	----------		
16	m	ETHANOL	10.000	0.851	91.5#	4	0.22	5.37
17	m	BROMOETHENE	10.000	9.369	6.3	94	0.04	5.40
18	m	METHYLENE CHLORIDE	10.000	9.136	8.6	97	0.05	6.57
19	m	3-CHLOROPROPENE	10.000	8.985	10.2	97	0.06	6.69
		----------	AvgRF	CCRF	% Dev	----------		
20	m	FREON 113	2.035	1.962	3.6	104	0.05	6.82
21	m	TRANS-1,2-DICHLOROETHYLEN	0.900	0.818	9.1	90	0.05	7.48
22	m	TERTIARY BUTYL ALCOHOL	1.381	0.069	95.0#	5#	-0.03	6.45
23	m	METHYL TERTIARY BUTYL ETH	1.929	1.875	2.8	101	0.08	7.78
		----------	True	Calc.	% Drift	----------		
24	m	TETRAHYDROFURAN	10.000	8.894	11.1	97	0.10	9.24

Continuing Calibration Summary

Job Number: M64245 **Sample:** MSJ526-CC525
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10166.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

			AvgRF	CCRF	% Dev			
25	m	HEXANE	1.116	0.939	15.9	104	0.05	8.66
26	m	VINYL ACETATE	1.103	1.090	1.2	100	0.08	7.85
27	m	1,1-DICHLOROETHANE	1.502	1.418	5.6	99	0.05	7.69
28	m	METHYL ETHYL KETONE	1.080	0.926	14.3	95	0.13	8.17
29	m	cis-1,2-DICHLOROETHYLENE	0.876	0.768	12.3	89	0.05	8.49
30	m	ETHYL ACETATE	1.111	1.081	2.7	103	0.10	8.76
31	m	CHLOROFORM	2.275	2.144	5.8	102	0.07	8.79
32	m	1,1,1-TRICHLOROETHANE	2.739	2.547	7.0	100	0.05	9.71
33	m	CARBON TETRACHLORIDE	3.459	3.361	2.8	106	0.04	10.28
34	m	1,2-DICHLOROETHANE	1.318	1.222	7.3	101	0.07	9.49
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	110	0.06	10.48
36	m	BENZENE	0.481	0.407	15.4	101	0.05	10.15
37	m	CYCLOHEXANE	0.213	0.215	-0.9	103	0.04	10.39
38	m	TRICHLOROETHYLENE	0.268	0.242	9.7	107	0.06	11.15
39	m	1,2-DICHLOROPROPANE	0.152	0.134	11.8	102	0.06	10.94
40	m	BROMODICHLOROMETHANE	0.492	0.447	9.1	112	0.06	11.13
41	m	2,2,4-TRIMETHYLPENTANE	0.755	0.678	10.2	98	0.05	11.15
42	m	1,4-DIOXANE	0.092	0.064	30.4#	83	0.12	11.26
43	m	HEPTANE	0.206	0.216	-4.9	110	0.04	11.38
44	m	METHYL ISOBUTYL KETONE	0.284	0.239	15.8	99	0.12	12.08
45	m	cis-1,3-DICHLOROPROPENE	0.260	0.206	20.8	87	0.06	11.98
46	m	TOLUENE	0.325	0.310	4.6	106	0.05	12.92
			True	Calc.	% Drift			
47	m	trans-1,3-DICHLOROPROPENE	10.000	8.641	13.6	88	0.06	12.49
			AvgRF	CCRF	% Dev			
48	m	1,1,2-TRICHLOROETHANE	0.169	0.155	8.3	104	0.06	12.67
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	117	0.04	14.70
50	m	2-HEXANONE	0.288	0.188	34.7#	88	0.13	13.27
51	m	TETRACHLOROETHYLENE	0.357	0.315	11.8	112	0.03	14.04
52	m	DIBROMOCHLOROMETHANE	0.590	0.508	13.9	111	0.06	13.37
53	m	1,2-DIBROMOETHANE	0.402	0.297	26.1	94	0.06	13.62
54	m	CHLOROBENZENE	0.519	0.471	9.2	100	0.05	14.75
55	m	ETHYLBENZENE	0.851	0.802	5.8	108	0.05	15.13
56	m	m,p-XYLENE	0.342	0.320	6.4	110	0.04	15.32
57	m	o-XYLENE	0.337	0.330	2.1	112	0.05	15.82
58	m	STYRENE	0.463	0.356	23.1	86	0.05	15.71
			True	Calc.	% Drift			
59	m	NONANE	10.000	10.192	-1.9	114	0.03	16.00
			AvgRF	CCRF	% Dev			
60	m	BROMOFORM	0.612	0.498	18.6	107	0.07	15.46
61	S	4-BROMOFLUOROBENZENE	0.549	0.619	-12.8	116	0.04	16.33
62	m	1,1,2,2-TETRACHLOROETHANE	0.554	0.438	20.9	109	0.07	15.86
63	m	ISOPROPYLBENZENE	1.042	0.985	5.5	111	0.04	16.47
64	m	2-CHLOROTOLUENE	0.730	0.646	11.5	108	0.04	17.01
65	m	4-ETHYLTOLUENE	0.852	0.819	3.9	115	0.04	17.20
66	m	1,3,5-TRIMETHYLBENZENE	0.864	0.788	8.8	115	0.04	17.29
67	m	1,2,4-TRIMETHYLBENZENE	0.805	0.667	17.1	104	0.04	17.75
68	m	m-DICHLOROBENZENE	0.644	0.365	43.3#	80	0.03	17.94
69	m	BENZYL CHLORIDE	0.545	0.259	52.5#	63	0.04	17.92
70	m	p-DICHLOROBENZENE	0.621	0.296	52.3#	67	0.03	18.01
			True	Calc.	% Drift			

Continuing Calibration Summary

Job Number: M64245 **Sample:** MSJ526-CC525
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10166.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
71 m   o-DICHLOROBENZENE          10.000   8.012     19.9   90   0.03   18.39

           ----------------------- AvgRF   CCRF     % Dev   -------------
72 m   HEXACHLOROBUTADIENE         0.656   0.242     63.1# 101   0.00   20.77

           ----------------------- True    Calc.   % Drift  ------------
73 m   1,2,4-TRICHLOROBENZENE     10.000   2.078     79.2#  40   0.01   20.29

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

 ( 13.0 %)  9 of  69 compounds'%D > 30
-------------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    J10138.D   J042607T.M       Mon Apr 30 14:44:21 2007
```

GC/MS Volatiles

Raw Data

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10174.D
Acq On : 30 Apr 2007 5:07 pm
Operator : danat
Sample : M64245-1 (M049)
Misc : MS13460, MSJ526,,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 01 09:46:00 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Apr 27 09:59:19 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	87695	10.00	PPBV	0.03
35) 1,4-DIFLUOROBENZENE	10.44	114	371042	10.00	PPBV	0.02
49) CHLOROBENZENE-D5	14.67	117	318165	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	84085	4.21	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 84.20%

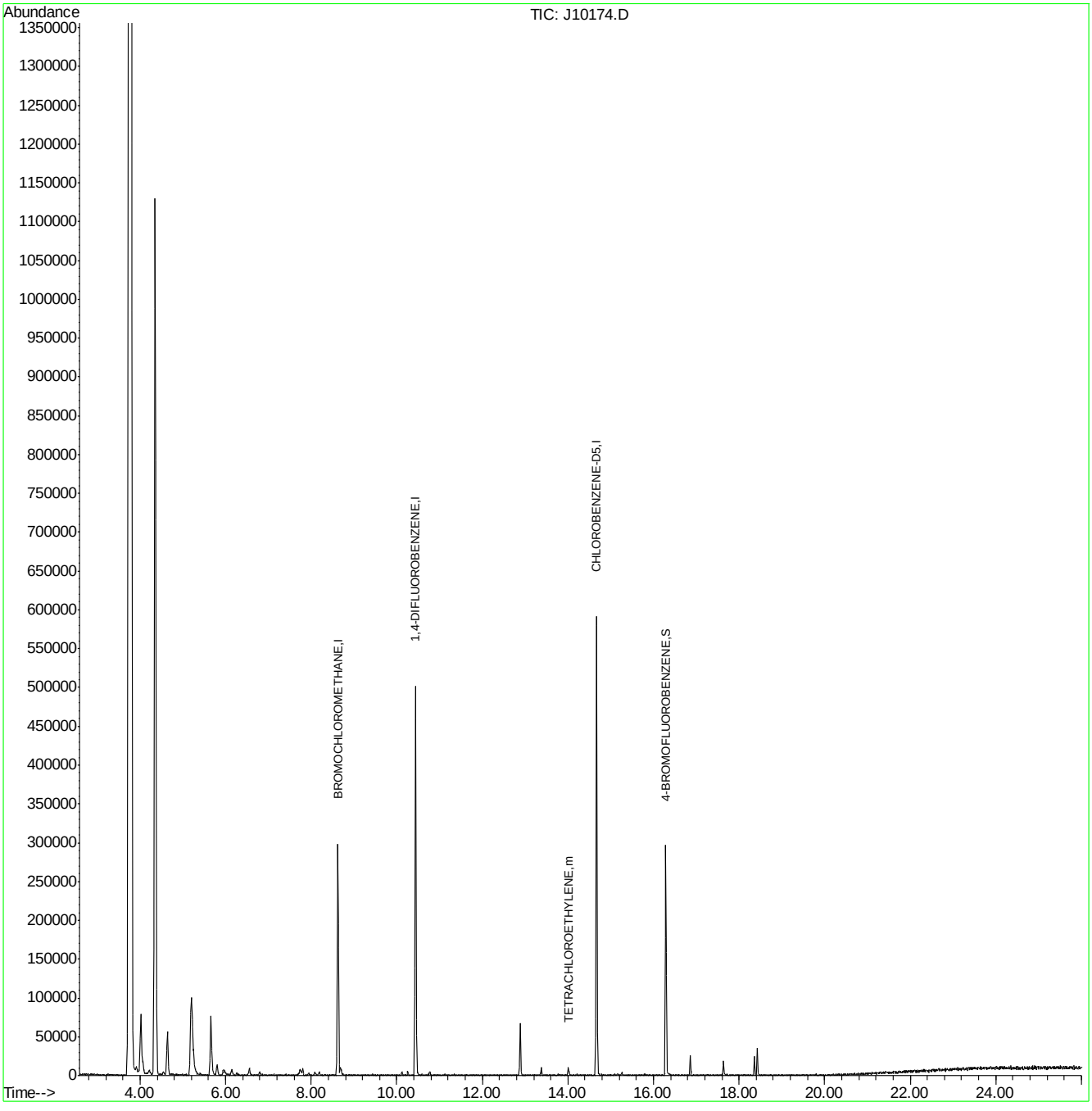
Target Compounds						Qvalue
51) TETRACHLOROETHYLENE	14.01	164	2278	0.20	PPBV	94

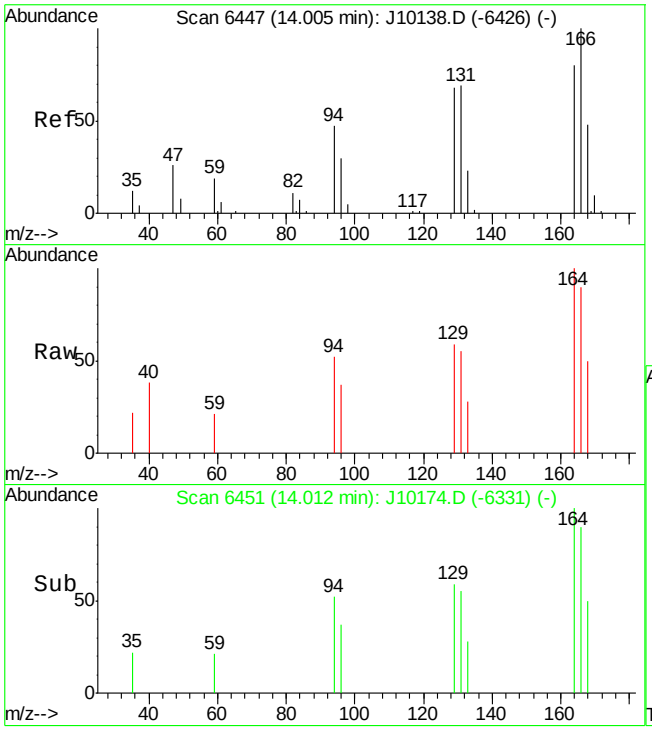
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10174.D
Acq On : 30 Apr 2007 5:07 pm
Operator : danat
Sample : M64245-1 (M049)
Misc : MS13460, MSJ526,,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 01 09:46:00 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Apr 27 09:59:19 2007
Response via : Initial Calibration

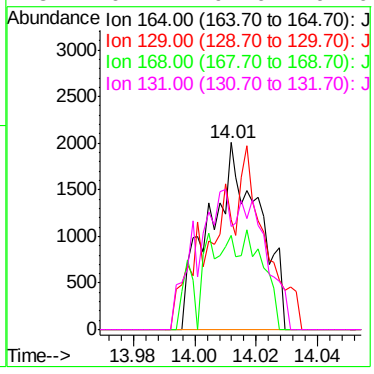




#51
TETRACHLOROETHYLENE
Concen: 0.20 PPBV
RT: 14.01 min Scan# 6451
Delta R.T. 0.01 min
Lab File: J10174.D
Acq: 30 Apr 2007 5:07 pm

Tgt Ion:164 Resp: 2278

Ion	Ratio	Lower	Upper
164	100		
129	98.6	70.9	110.9
168	60.6	42.4	82.4
131	94.1	67.9	107.9



Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10175.D
Acq On : 30 Apr 2007 5:56 pm
Operator : danat
Sample : M64245-2 (M138)
Misc : MS13460, MSJ526,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 01 09:47:31 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Apr 27 09:59:19 2007
Response via : Initial Calibration

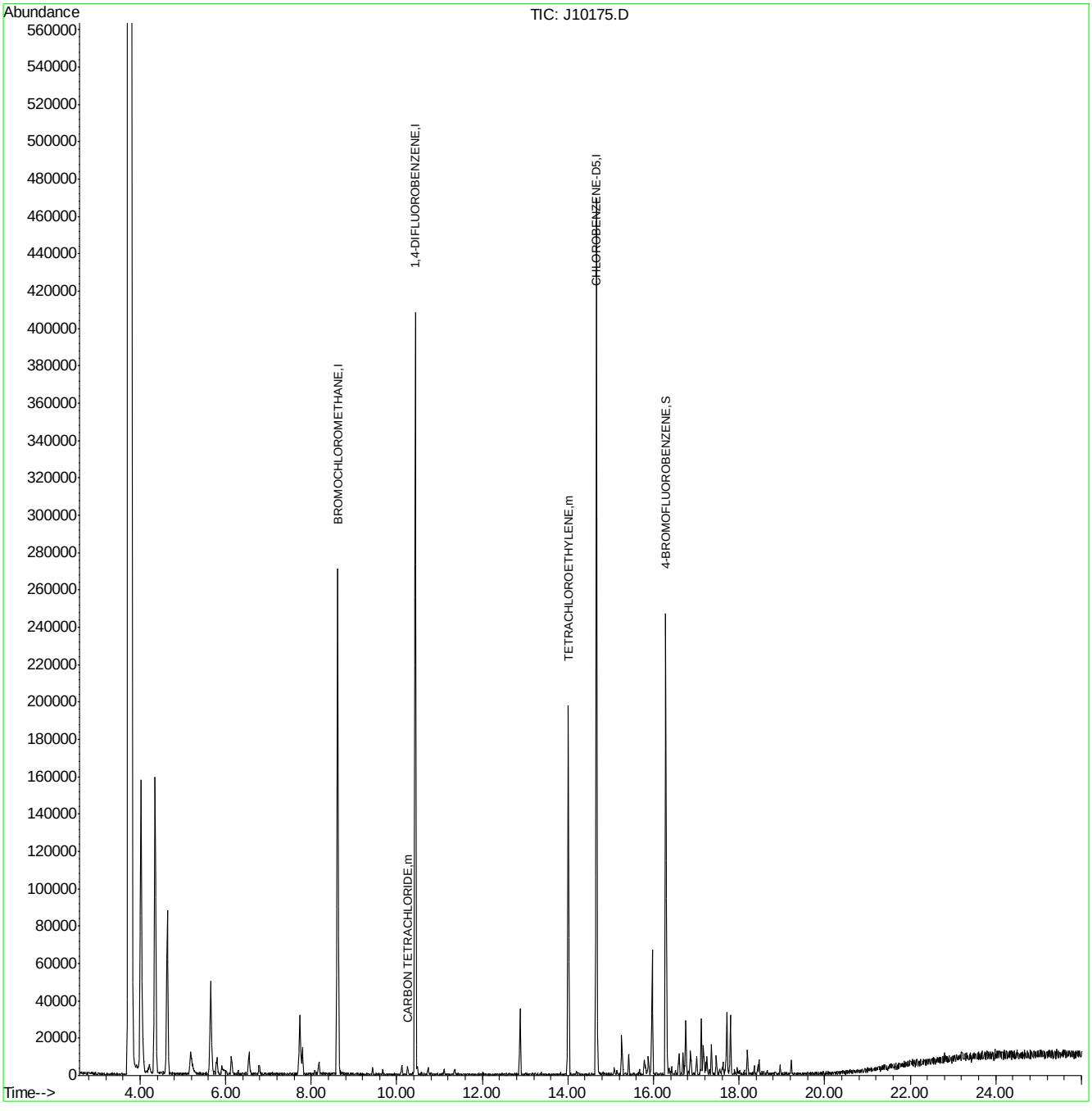
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	78528	10.00	PPBV	0.02
35) 1,4-DIFLUOROBENZENE	10.43	114	306003	10.00	PPBV	0.02
49) CHLOROBENZENE-D5	14.66	117	249601	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.28	95	70463	4.50	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 90.00%			
Target Compounds						Qvalue
33) CARBON TETRACHLORIDE	10.25	117	2747	0.10	PPBV	96
51) TETRACHLOROETHYLENE	14.01	164	42726	4.80	PPBV	99

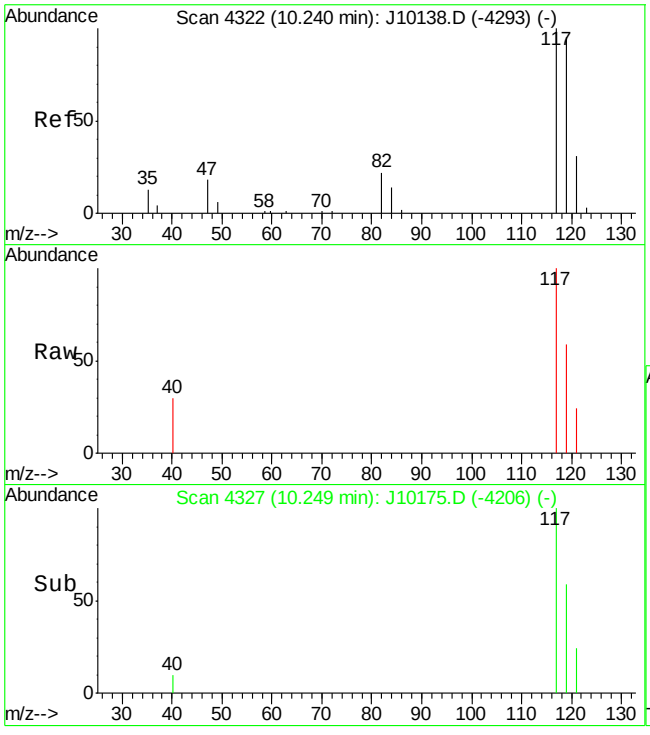
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10175.D
Acq On : 30 Apr 2007 5:56 pm
Operator : danat
Sample : M64245-2 (M138)
Misc : MS13460, MSJ526,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 01 09:47:31 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Apr 27 09:59:19 2007
Response via : Initial Calibration

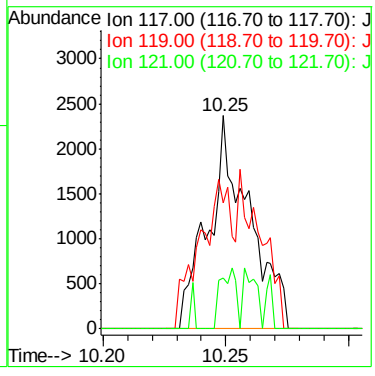


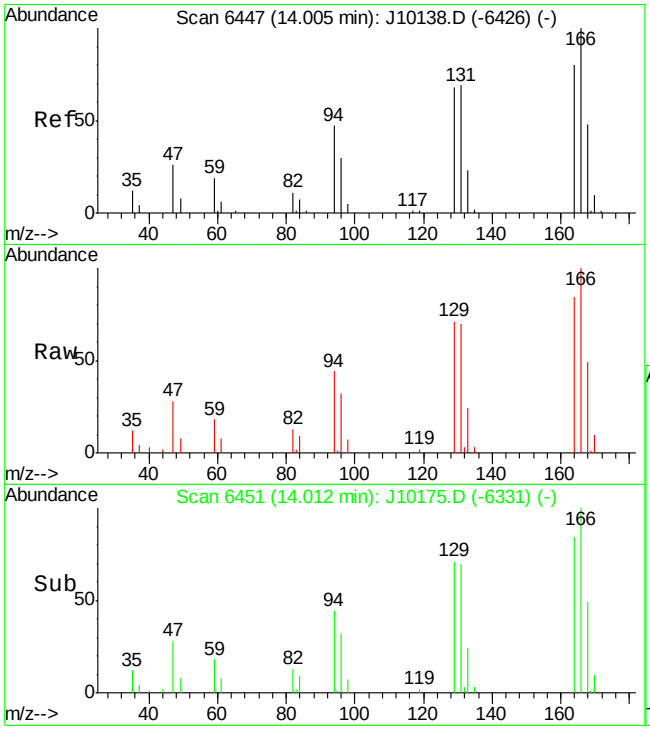


#33
CARBON TETRACHLORIDE
Concen: 0.10 PPBV
RT: 10.25 min Scan# 4327
Delta R.T. 0.01 min
Lab File: J10175.D
Acq: 30 Apr 2007 5:56 pm

Tgt Ion:117 Resp: 2747

Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.5	116.5
121	23.6	11.5	51.5

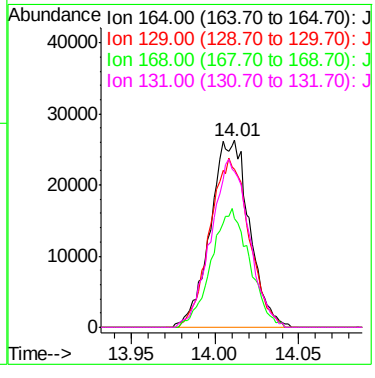




#51
TETRACHLOROETHYLENE
Concen: 4.80 PPBV
RT: 14.01 min Scan# 6451
Delta R.T. 0.01 min
Lab File: J10175.D
Acq: 30 Apr 2007 5:56 pm

Tgt Ion:164 Resp: 42726

Ion	Ratio	Lower	Upper
164	100		
129	90.0	70.9	110.9
168	61.8	42.4	82.4
131	86.9	67.9	107.9



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10168.D
Acq On : 30 Apr 2007 11:41 am
Operator : danat
Sample : MB (M073)
Misc : MS13445, MSJ526,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 30 14:48:27 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Apr 27 09:59:19 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	84544	10.00	PPBV	0.02
35) 1,4-DIFLUOROBENZENE	10.44	114	350757	10.00	PPBV	0.02
49) CHLOROBENZENE-D5	14.67	117	302320	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	82794	4.36	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 87.20%

Target Compounds	Qvalue

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

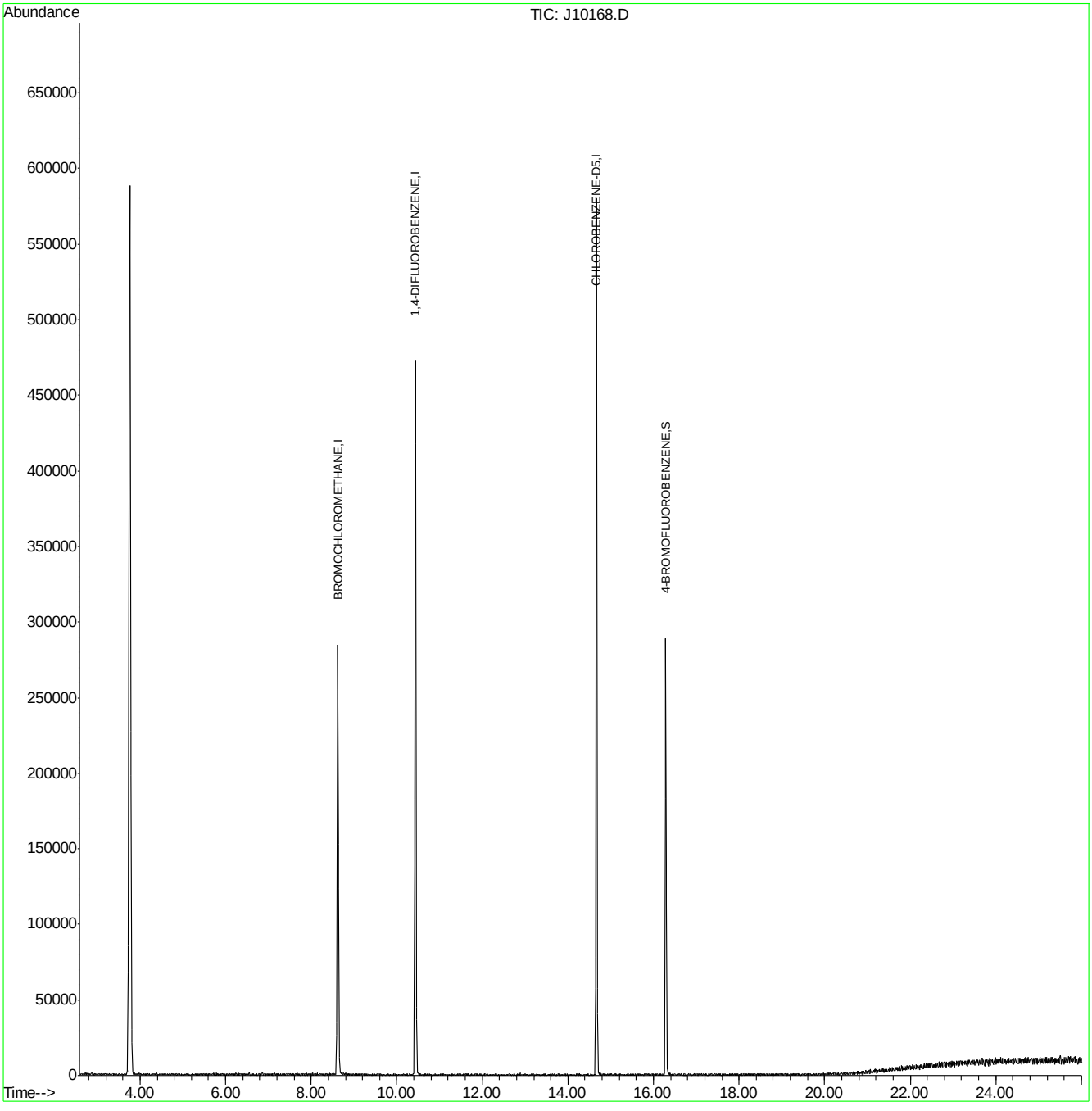
6.2.1

6

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10168.D
Acq On : 30 Apr 2007 11:41 am
Operator : danat
Sample : MB (M073)
Misc : MS13445, MSJ526,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 30 14:48:27 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Apr 27 09:59:19 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9975.D
Acq On : 10 Apr 2007 3:28 pm
Operator : PhilipB
Sample : MB (M049)
Misc : MS13352, MSJ516,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 11 09:03:20 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	374779	10.00	PPBV	-0.04
35) 1,4-DIFLUOROBENZENE	10.41	114	910289	10.00	PPBV	-0.04
49) CHLOROBENZENE-D5	14.65	117	732157	10.00	PPBV	-0.02

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	165393	3.77	PPBV	-0.01

Spiked Amount 5.000 Range 51 - 142 Recovery = 75.40%

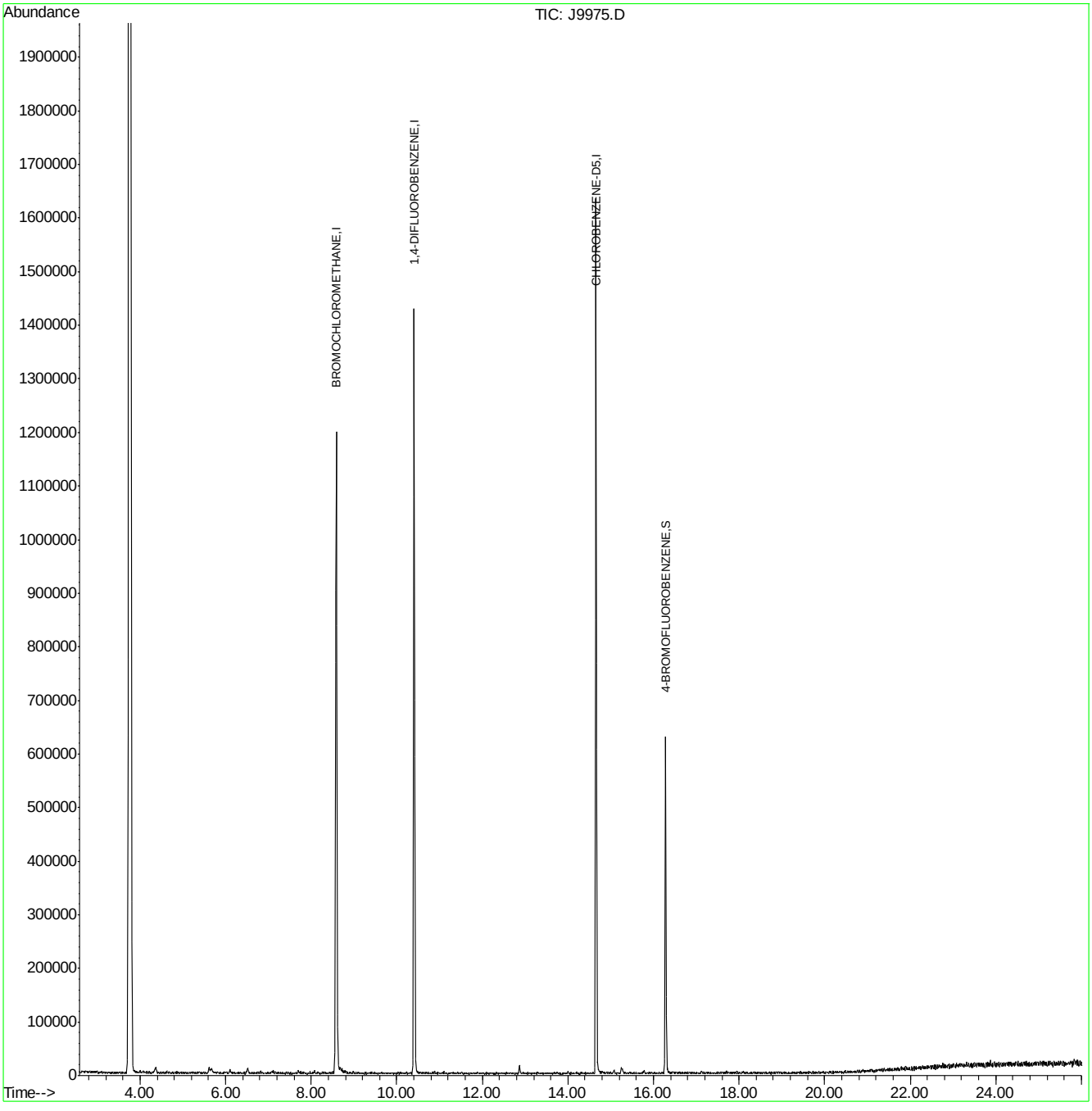
Target Compounds	Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9975.D
Acq On : 10 Apr 2007 3:28 pm
Operator : PhilipB
Sample : MB (M049)
Misc : MS13352, MSJ516,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 11 09:03:20 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 Wed Apr 11 09:03:31 2007 Page: 2

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%

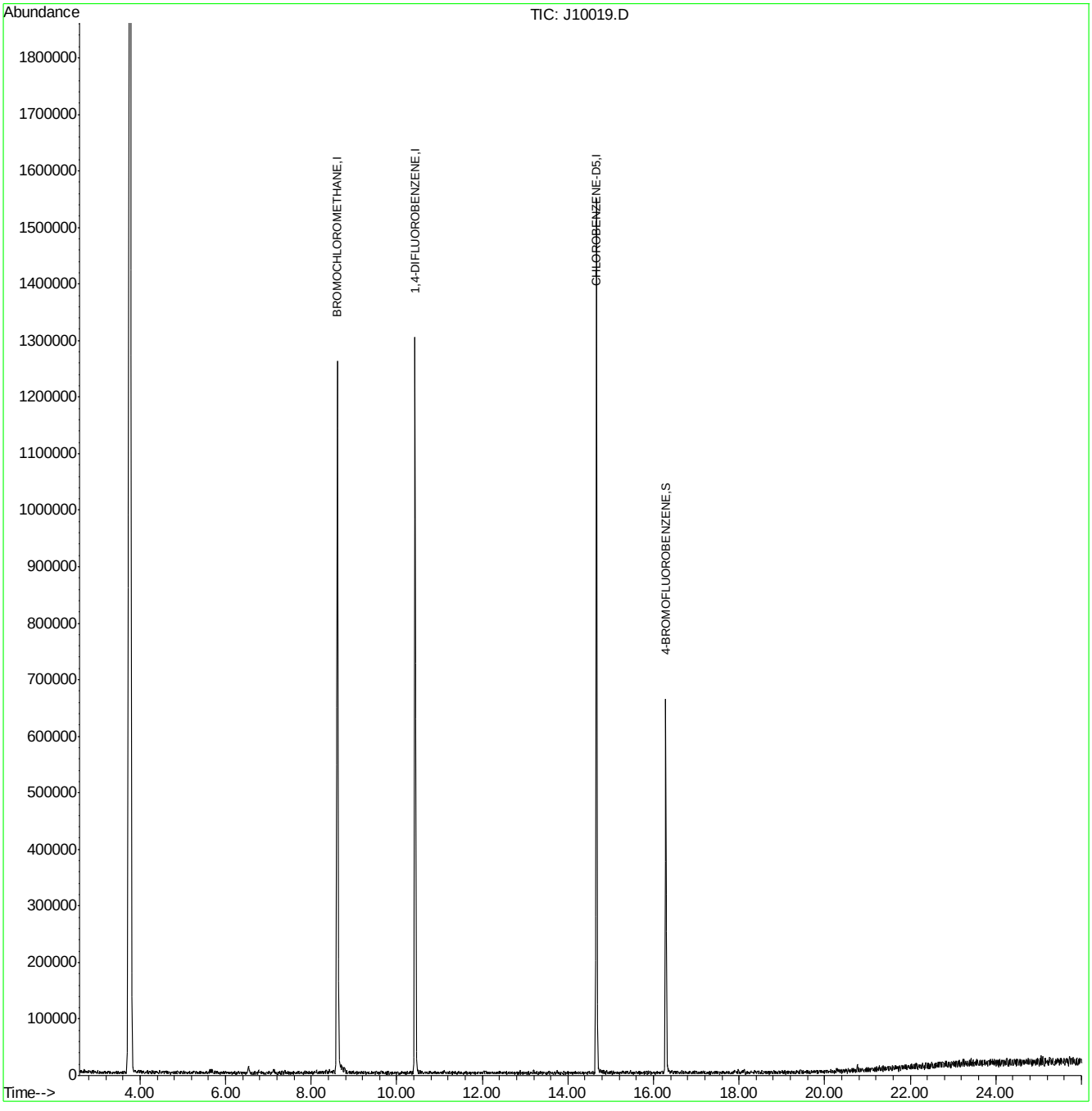
Target Compounds					Qvalue
12) ACETONE	5.69	43	2184	Below Cal	77

(#) = 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

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
05/01/07 14:57

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10166A.D
Acq On : 30 Apr 2007 10:12 am
Operator : danat
Sample : BS (M050)
Misc : MS13445, MSJ526,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 30 14:42:59 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Apr 27 09:59:19 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.66	128	81493	10.00	PPBV	0.06
35) 1,4-DIFLUOROBENZENE	10.48	114	388824	10.00	PPBV	0.06
49) CHLOROBENZENE-D5	14.70	117	350201	10.00	PPBV	0.04
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.33	95	108471	4.93	PPBV	0.04
Spiked Amount 5.000	Range 51 - 142		Recovery = 98.60%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.08	85	275763	8.53	PPBV	99
3) PROPYLENE	4.00	41	36310	9.31	PPBV	92
4) FREON 114	4.34	85	229173	8.83	PPBV	99
5) CHLOROMETHANE	4.25	50	50020	9.12	PPBV	96
6) VINYL CHLORIDE	4.46	62	62674	9.52	PPBV	98
7) 1,3-BUTADIENE	4.60	39	48859	9.89	PPBV	98
8) BROMOMETHANE	4.88	94	77482	9.78	PPBV	99
9) CHLOROETHANE	5.05	64	29693	9.32	PPBV	97
10) TRICHLOROFLUOROMETHANE	5.81	101	297739	9.19	PPBV	99
12) ACETONE	5.72	43	73556	8.05	PPBV	97
13) PENTANE	6.16	42	56577	10.62	PPBV	96
14) 1,1-DICHLOROETHYLENE	6.45	96	73814	10.31	PPBV	99
15) CARBON DISULFIDE	6.87	76	208881	9.54	PPBV	99
16) ETHANOL	5.37	45	474	0.85	PPBV #	94
17) BROMOETHENE	5.40	106	75774	9.37	PPBV	99
18) METHYLENE CHLORIDE	6.57	84	63447	9.14	PPBV	99
19) 3-CHLOROPROPENE	6.69	39	54510	8.99	PPBV	89
20) FREON 113	6.82	151	159864	9.64	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.48	96	66637	9.08	PPBV	96
22) TERTIARY BUTYL ALCOHOL	6.45	59	5641	0.50	PPBV #	58
23) METHYL TERTIARY BUTYL ETHE	7.78	73	152821	9.72	PPBV	99
24) TETRAHYDROFURAN	9.24	42	39339	8.89	PPBV	98
25) HEXANE	8.66	57	76500	8.41	PPBV	93
26) VINYL ACETATE	7.85	43	88850	9.88	PPBV	99
27) 1,1-DICHLOROETHANE	7.69	63	115568	9.44	PPBV	100
28) METHYL ETHYL KETONE	8.17	43	75477	8.58	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.49	96	62560	8.76	PPBV	95
30) ETHYL ACETATE	8.76	43	88078	9.73	PPBV #	95
31) CHLOROFORM	8.79	83	174692	9.42	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.71	97	207527	9.30	PPBV	98
33) CARBON TETRACHLORIDE	10.28	117	273870	9.72	PPBV	100
34) 1,2-DICHLOROETHANE	9.49	62	99612	9.28	PPBV	99
36) BENZENE	10.15	78	158128	8.45	PPBV	100
37) CYCLOHEXANE	10.39	84	83753	10.11	PPBV	100
38) TRICHLOROETHYLENE	11.15	95	94223	9.04	PPBV	99
39) 1,2-DICHLOROPROPANE	10.94	63	52205	8.86	PPBV	98
40) BROMODICHLOROMETHANE	11.13	83	173835	9.09	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.15	57	263795	8.99	PPBV	99
42) 1,4-DIOXANE	11.26	88	25068	7.03	PPBV	87
43) HEPTANE	11.38	43	83940	10.48	PPBV	99
44) METHYL ISOBUTYL KETONE	12.08	43	92920	8.40	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10166A.D
Acq On : 30 Apr 2007 10:12 am
Operator : danat
Sample : BS (M050)
Misc : MS13445, MSJ526,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 30 14:42:59 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Apr 27 09:59:19 2007
Response via : Initial Calibration

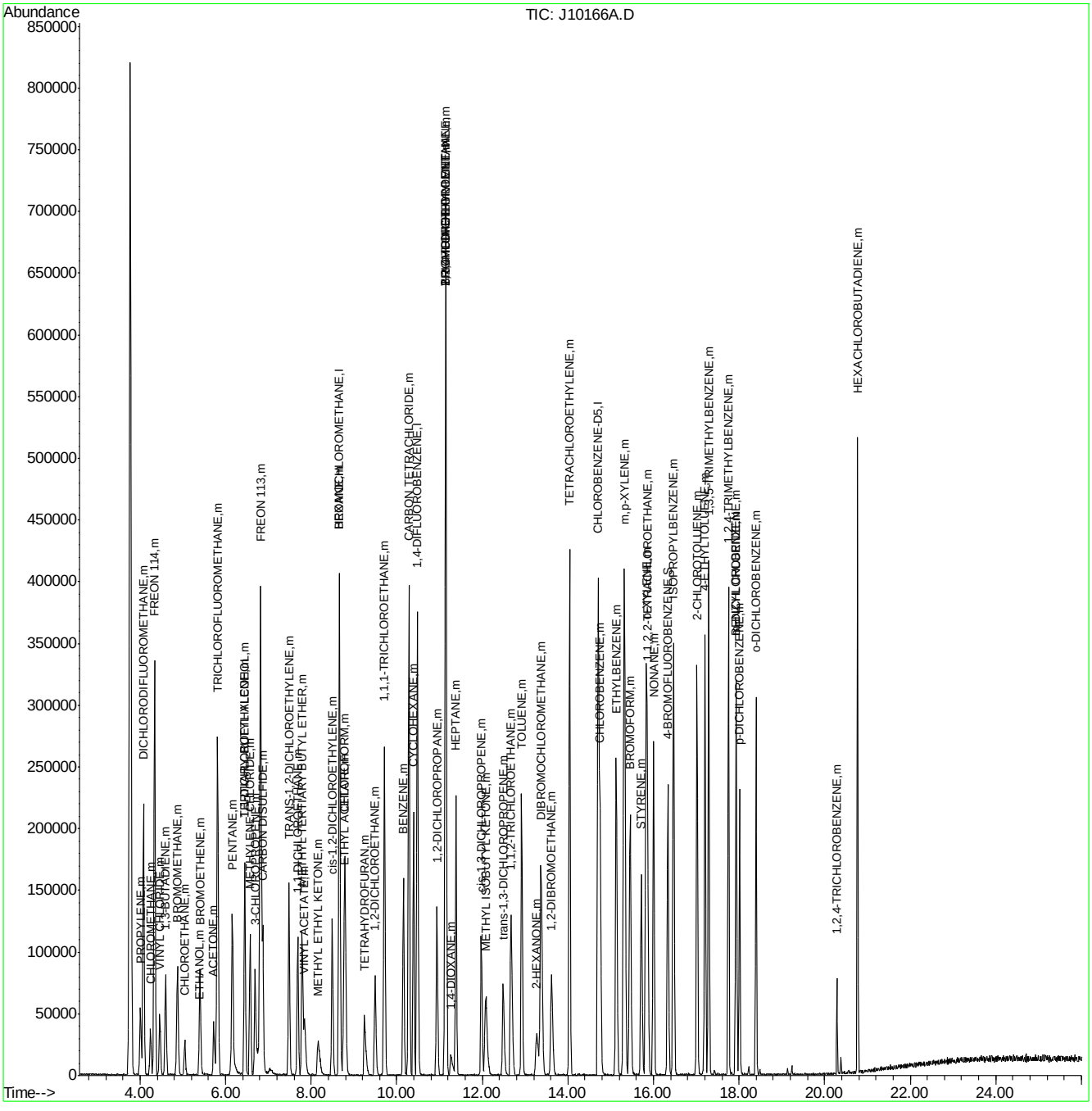
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) cis-1,3-DICHLOROPROPENE	11.98	75	80263	7.95	PPBV	100
46) TOLUENE	12.92	92	120419	9.54	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.49	75	70470	8.64	PPBV	100
48) 1,1,2-TRICHLOROETHANE	12.67	83	60168	9.14	PPBV	100
50) 2-HEXANONE	13.27	43	66003m	6.54	PPBV	
51) TETRACHLOROETHYLENE	14.04	164	110180	8.82	PPBV	97
52) DIBROMOCHLOROMETHANE	13.37	129	177897	8.61	PPBV	100
53) 1,2-DIBROMOETHANE	13.62	107	104060	7.39	PPBV	100
54) CHLOROBENZENE	14.75	112	164992	7.95	PPBV	98
55) ETHYLBENZENE	15.13	91	280790	9.42	PPBV	100
56) m,p-XYLENE	15.32	106	224206	18.74	PPBV	87
57) o-XYLENE	15.82	106	115662	9.79	PPBV	97
58) STYRENE	15.71	104	124673	7.69	PPBV	99
59) NONANE	16.00	43	119422	10.19	PPBV	99
60) BROMOFORM	15.46	173	174231	8.14	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.86	83	153412m	7.90	PPBV	
63) ISOPROPYLBENZENE	16.47	105	344777	9.45	PPBV	100
64) 2-CHLOROTOLUENE	17.01	91	226241	8.85	PPBV	100
65) 4-ETHYLTOLUENE	17.20	105	286747	9.61	PPBV	100
66) 1,3,5-TRIMETHYLBENZENE	17.29	105	276081	9.13	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.75	105	233435	8.28	PPBV	99
68) m-DICHLOROBENZENE	17.94	146	127943	5.67	PPBV	99
69) BENZYL CHLORIDE	17.92	91	90534	4.74	PPBV	100
70) p-DICHLOROBENZENE	18.01	146	103593	4.76	PPBV	96
71) o-DICHLOROBENZENE	18.39	146	125278	8.01	PPBV	99
72) HEXACHLOROBUTADIENE	20.77	225	84791	3.69	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.29	180	22139	2.08	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10166A.D
Acq On : 30 Apr 2007 10:12 am
Operator : danat
Sample : BS (M050)
Misc : MS13445, MSJ526,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 30 14:42:59 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Apr 27 09:59:19 2007
Response via : Initial Calibration

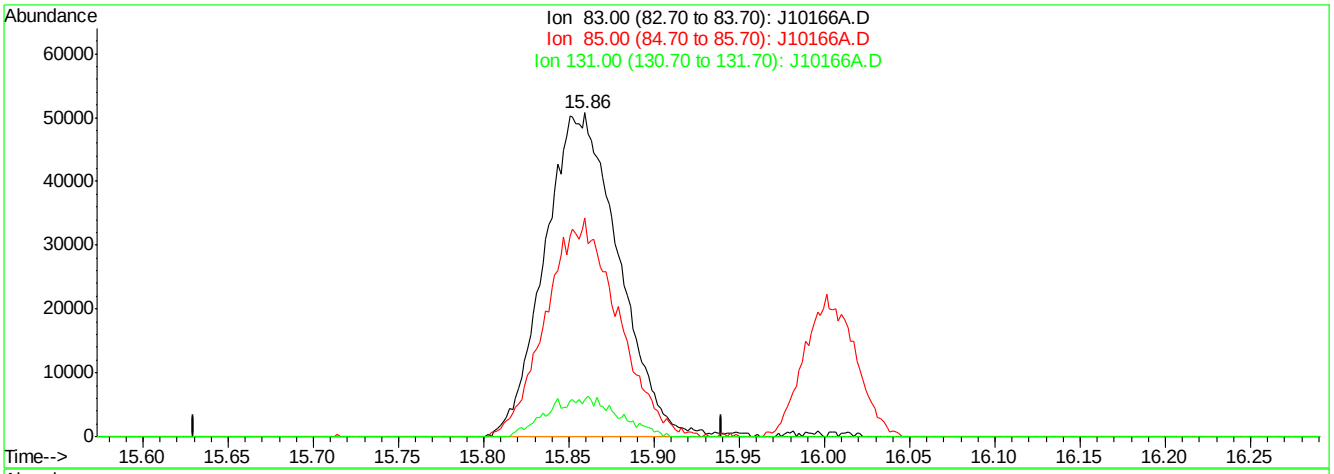


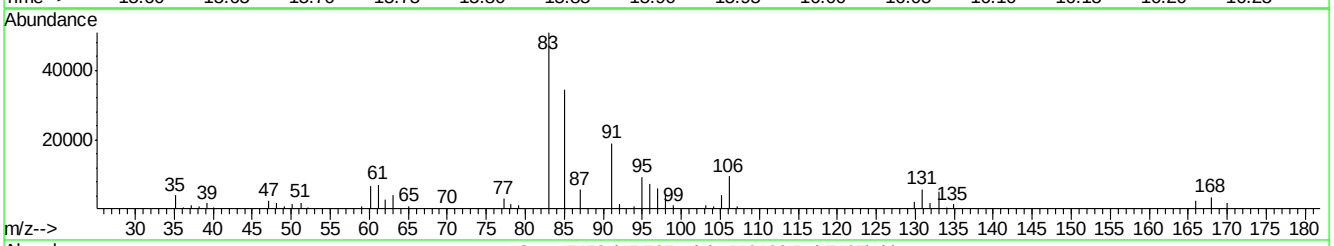
Quantitation Report (Qedit)

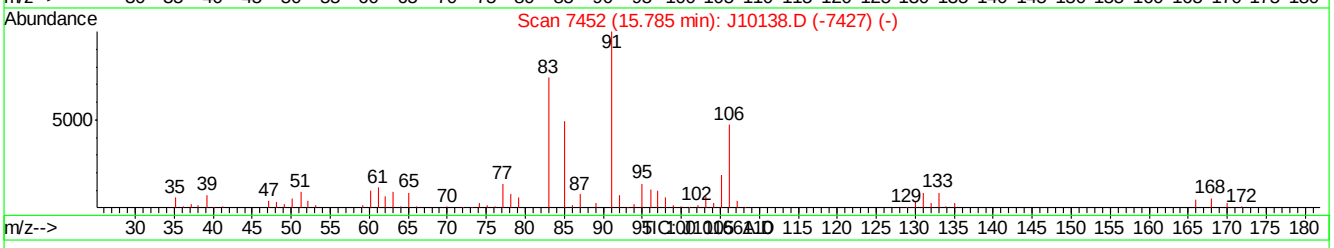
Data File : C:\MSDCHEM\1\DATA\J10166A.D Vial: 2
Acq On : 30 Apr 2007 10:12 am Operator: danat
Sample : BS (M050) Inst : MSJ
Misc : MS13445, MSJ526,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 30 14:42:59 2007 Results File: J042607T.RES

Method : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Apr 27 09:59:19 2007
Response via : Multiple Level Calibration







(62) 1,1,2,2-TETRACHLOROETHANE (m)

15.86min 7.90PPBV m

response 153412

Ion	Exp%	Act%
83.00	100	100
85.00	64.90	0.00#
131.00	12.00	0.00
0.00	0.00	0.00

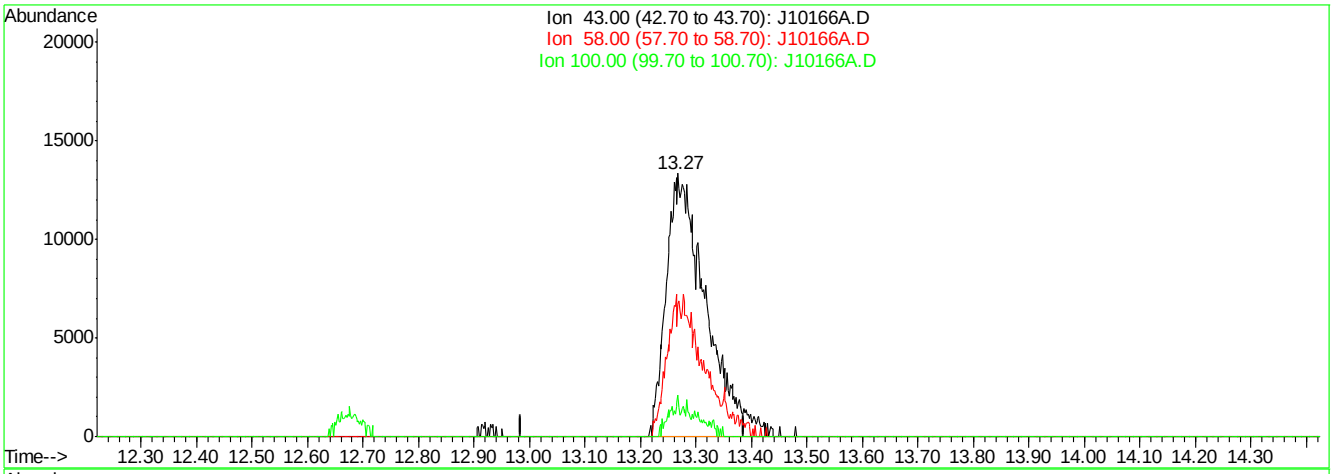
J10166A.D J042607T.M Mon Apr 30 14:47:00 2007

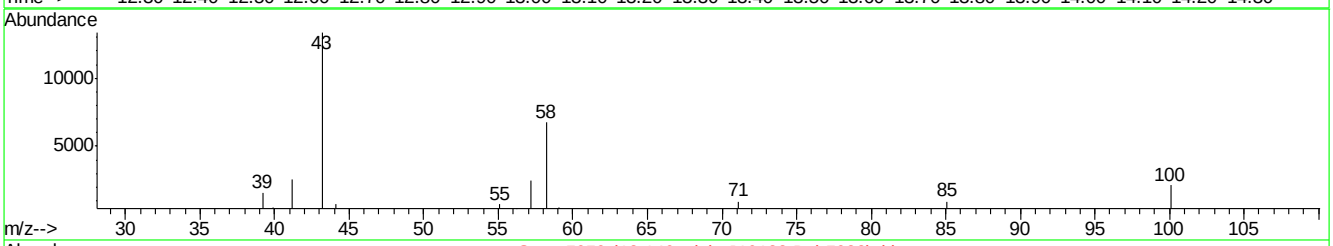
Quantitation Report (Qedit)

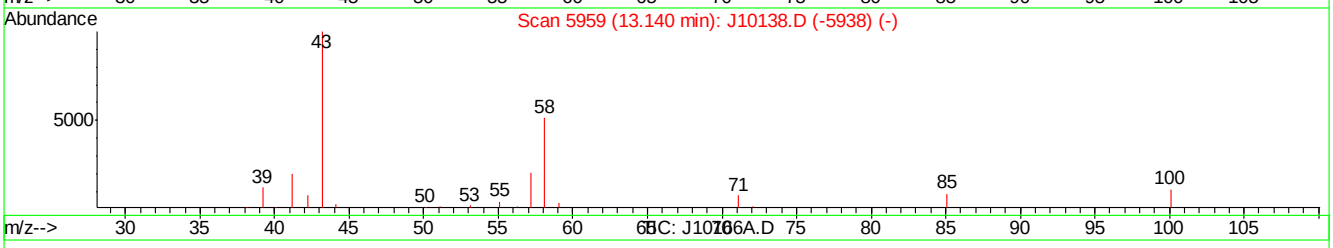
Data File : C:\MSDCHEM\1\DATA\J10166A.D Vial: 2
Acq On : 30 Apr 2007 10:12 am Operator: danat
Sample : BS (M050) Inst : MSJ
Misc : MS13445, MSJ526,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 30 14:42:59 2007 Results File: J042607T.RES

Method : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Apr 27 09:59:19 2007
Response via : Multiple Level Calibration







(50) 2-HEXANONE (m)

13.27min 6.54PPBV m

response 66003

Ion	Exp%	Act%
43.00	100	100
58.00	51.80	0.00#
100.00	11.10	0.00
0.00	0.00	0.00

J10166A.D J042607T.M Mon Apr 30 14:47:09 2007

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
04/12/07 16:08

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9973A.D
Acq On : 10 Apr 2007 1:53 pm
Operator : PhilipB
Sample : BS (M119)
Misc : MS13352, MSJ516,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 11 09:02:13 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	418848	10.00	PPBV	-0.02
35) 1,4-DIFLUOROBENZENE	10.43	114	1033770	10.00	PPBV	-0.01
49) CHLOROBENZENE-D5	14.67	117	832802	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	250090	5.01	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 100.20%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	970860	10.22	PPBV	98
3) PROPYLENE	3.99	41	187432	12.52	PPBV	99
4) FREON 114	4.31	85	840983	10.50	PPBV	89
5) CHLOROMETHANE	4.23	50	250064	11.66	PPBV	95
6) VINYL CHLORIDE	4.44	62	252129	11.26	PPBV	99
7) 1,3-BUTADIENE	4.57	39	235628	12.72	PPBV	86
8) BROMOMETHANE	4.85	94	251786	10.13	PPBV	98
9) CHLOROETHANE	5.02	64	111973	10.84	PPBV	95
10) TRICHLOROFLUOROMETHANE	5.78	101	1041650	10.13	PPBV	99
11) ISOPROPYL ALCOHOL	5.90	45	324607	9.89	PPBV	77
12) ACETONE	5.63	43	383621	11.80	PPBV	92
13) PENTANE	6.12	42	252243	10.70	PPBV	97
14) 1,1-DICHLOROETHYLENE	6.41	96	235390	9.84	PPBV	88
15) CARBON DISULFIDE	6.83	76	765293	9.94	PPBV	94
16) ETHANOL	5.18	45	58189	10.77	PPBV	99
17) BROMOETHENE	5.37	106	230386	10.06	PPBV #	96
18) METHYLENE CHLORIDE	6.53	84	236157	7.99	PPBV	88
19) 3-CHLOROPROPENE	6.64	39	245925	10.52	PPBV	90
20) FREON 113	6.77	151	528843	9.70	PPBV	94
21) TRANS-1,2-DICHLOROETHYLENE	7.44	96	262196	9.94	PPBV	96
22) TERTIARY BUTYL ALCOHOL	6.50	59	392267	9.64	PPBV #	63
23) METHYL TERTIARY BUTYL ETHE	7.72	73	568682	10.13	PPBV	93
24) TETRAHYDROFURAN	9.16	42	201515	13.18	PPBV	85
25) HEXANE	8.62	57	300330	8.49	PPBV	86
26) VINYL ACETATE	7.78	43	350048	9.54	PPBV	96
27) 1,1-DICHLOROETHANE	7.64	63	470752	9.66	PPBV	94
28) METHYL ETHYL KETONE	8.05	43	383965	9.35	PPBV	93
29) cis-1,2-DICHLOROETHYLENE	8.45	96	299736	10.21	PPBV	97
30) ETHYL ACETATE	8.68	43	405374	9.59	PPBV	99
31) CHLOROFORM	8.73	83	835333	10.25	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.67	97	650388	10.25	PPBV	96
33) CARBON TETRACHLORIDE	10.25	117	835756	10.56	PPBV	99
34) 1,2-DICHLOROETHANE	9.44	62	351422	10.94	PPBV	99
36) BENZENE	10.11	78	514586	11.10	PPBV	96
37) CYCLOHEXANE	10.36	84	242335	11.95	PPBV	88
38) TRICHLOROETHYLENE	11.11	95	316394	12.65	PPBV	94
39) 1,2-DICHLOROPROPANE	10.89	63	204632	12.01	PPBV	100
40) BROMODICHLOROMETHANE	11.08	83	592713	11.13	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.11	57	1056519	12.52	PPBV	96
42) 1,4-DIOXANE	11.16	88	89644	9.86	PPBV	88
43) HEPTANE	11.35	43	365031	13.62	PPBV	87

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9973A.D
Acq On : 10 Apr 2007 1:53 pm
Operator : PhilipB
Sample : BS (M119)
Misc : MS13352, MSJ516,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 11 09:02:13 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

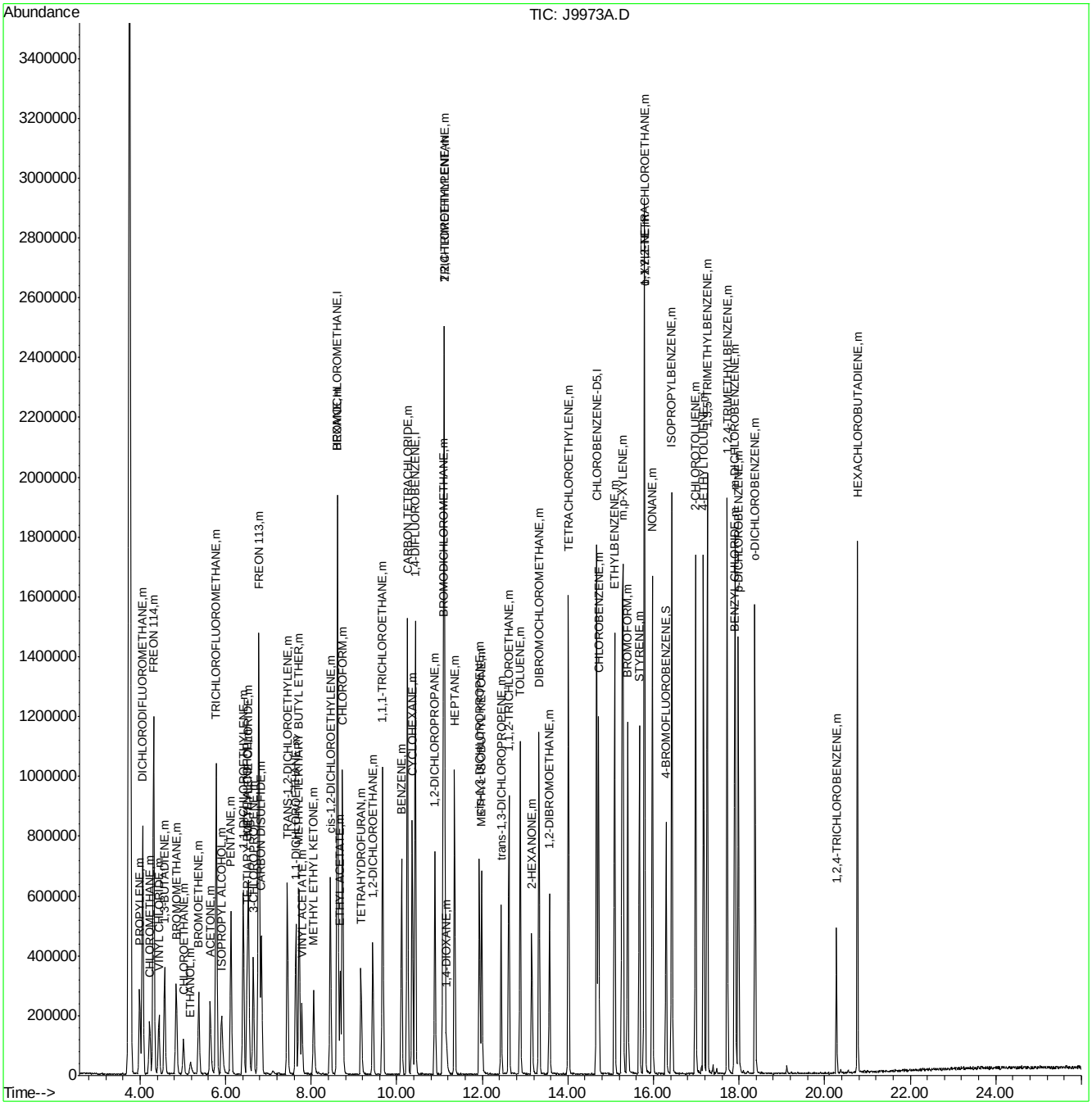
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.98	43	491144	11.63	PPBV	89
45) cis-1,3-DICHLOROPROPENE	11.93	75	293355	10.32	PPBV	85
46) TOLUENE	12.88	92	379811	9.85	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.44	75	238876	9.94	PPBV	85
48) 1,1,2-TRICHLOROETHANE	12.62	83	216624	12.11	PPBV	99
50) 2-HEXANONE	13.15	43	371173	11.10	PPBV	86
51) TETRACHLOROETHYLENE	14.01	164	251859	11.75	PPBV	91
52) DIBROMOCHLOROMETHANE	13.32	129	547948	11.60	PPBV	99
53) 1,2-DIBROMOETHANE	13.57	107	369015	9.93	PPBV	99
54) CHLOROBENZENE	14.71	112	532096	13.04	PPBV	96
55) ETHYLBENZENE	15.09	91	900754	11.63	PPBV	96
56) m,p-XYLENE	15.28	106	712140m	22.79	PPBV	
57) o-XYLENE	15.79	106	397021	11.13	PPBV	90
58) STYRENE	15.67	104	463238	11.12	PPBV	96
59) NONANE	15.97	43	603772	12.38	PPBV	92
60) BROMOFORM	15.40	173	487615	10.62	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	670848	13.38	PPBV	97
63) ISOPROPYLBENZENE	16.43	105	1184222	11.33	PPBV	97
64) 2-CHLOROTOLUENE	16.98	91	836656	11.44	PPBV	96
65) 4-ETHYLTOLUENE	17.17	105	930325	10.92	PPBV	76
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	951781	10.93	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	871898	10.80	PPBV	100
68) m-DICHLOROBENZENE	17.91	146	541251	10.81	PPBV	98
69) BENZYL CHLORIDE	17.89	91	440084	10.25	PPBV	98
70) p-DICHLOROBENZENE	17.98	146	472517	10.51	PPBV	96
71) o-DICHLOROBENZENE	18.37	146	482348	10.70	PPBV	98
72) HEXACHLOROBUTADIENE	20.77	225	188485	10.07	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.28	180	87281	9.58	PPBV	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9973A.D
Acq On : 10 Apr 2007 1:53 pm
Operator : PhilipB
Sample : BS (M119)
Misc : MS13352, MSJ516,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 11 09:02:13 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

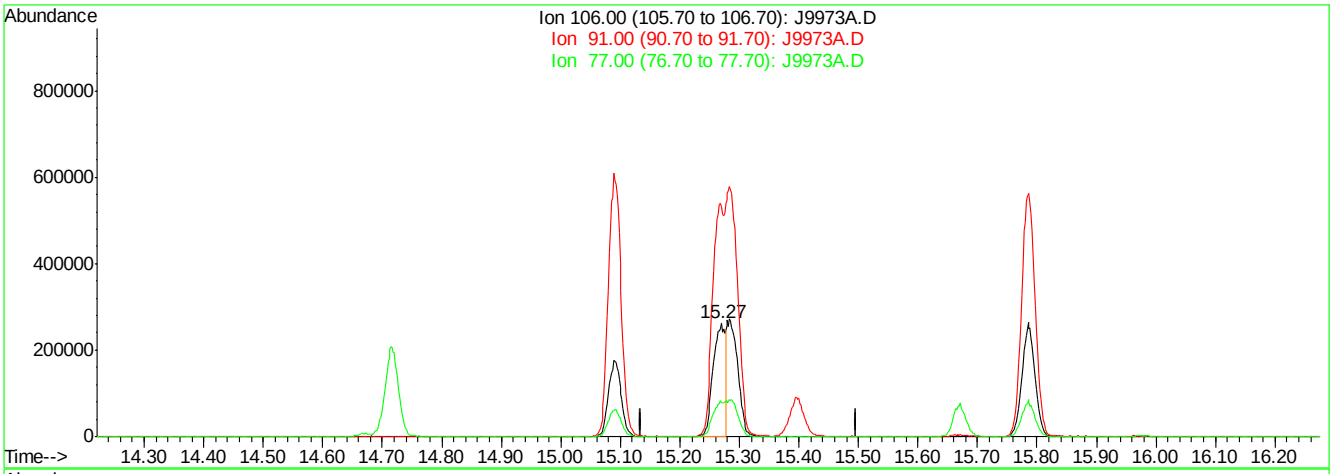


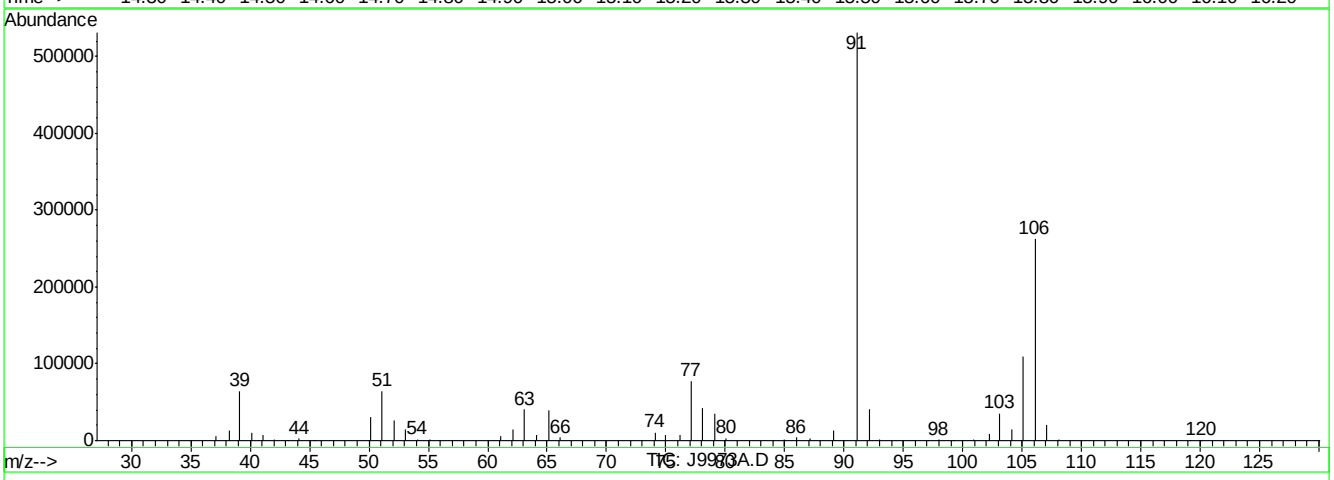
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9973A.D Vial: 4
Acq On : 10 Apr 2007 1:53 pm Operator: PhilipB
Sample : BS (M119) Inst : MSJ
Misc : MS13352, MSJ516,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 11 09:02:00 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 360071

Ion	Exp%	Act%
106.00	100	100
91.00	191.80	202.49
77.00	27.10	29.64
0.00	0.00	0.00

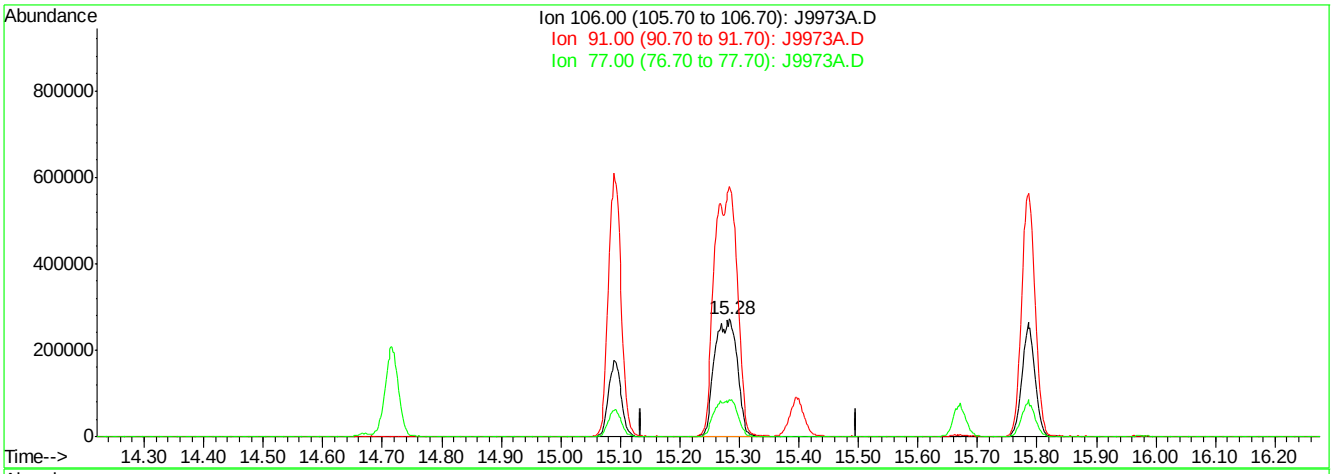
J9973A.D J040507T.M Wed Apr 11 09:02:12 2007

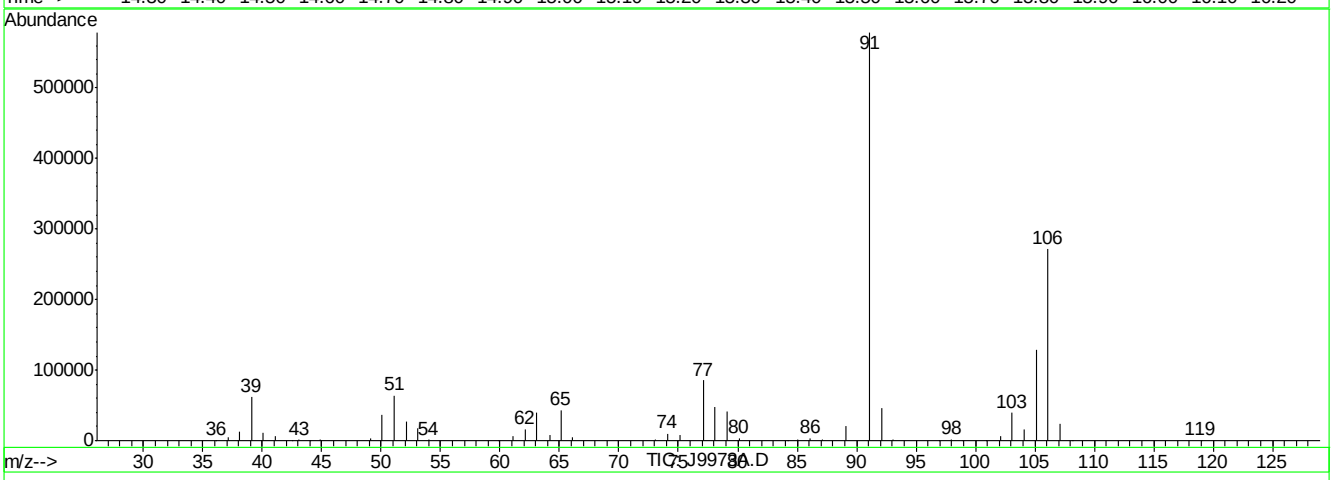
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9973A.D Vial: 4
Acq On : 10 Apr 2007 1:53 pm Operator: PhilipB
Sample : BS (M119) Inst : MSJ
Misc : MS13352, MSJ516,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 11 09:02:00 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 22.79PPBV m

response 712140

Ion	Exp%	Act%
106.00	100	100
91.00	191.80	213.21
77.00	27.10	31.61
0.00	0.00	0.00

J9973A.D J040507T.M Wed Apr 11 09:02:15 2007

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

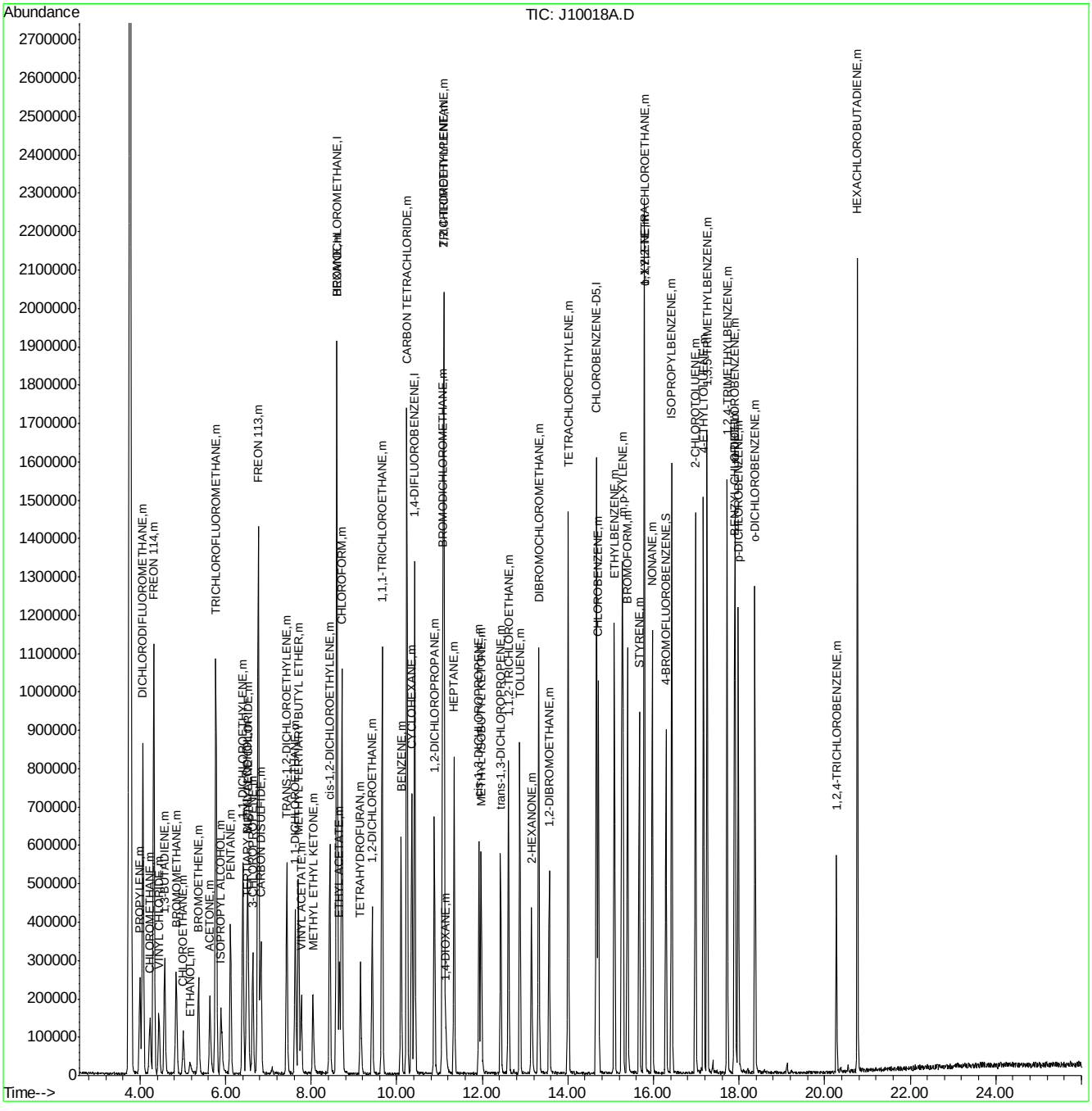
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.97	43	412201	11.43	PPBV	86
45) cis-1,3-DICHLOROPROPENE	11.92	75	222725	9.26	PPBV #	70
46) TOLUENE	12.88	92	289991	8.93	PPBV	92
47) trans-1,3-DICHLOROPROPENE	12.43	75	230302	11.06	PPBV #	77
48) 1,1,2-TRICHLOROETHANE	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



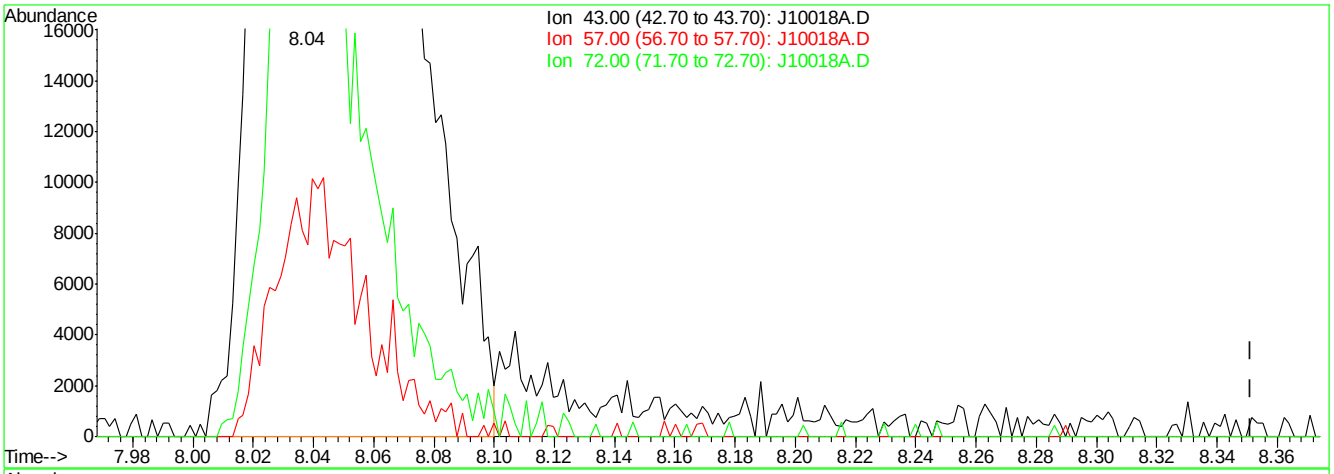
ACCUTEST Laboratories M64245

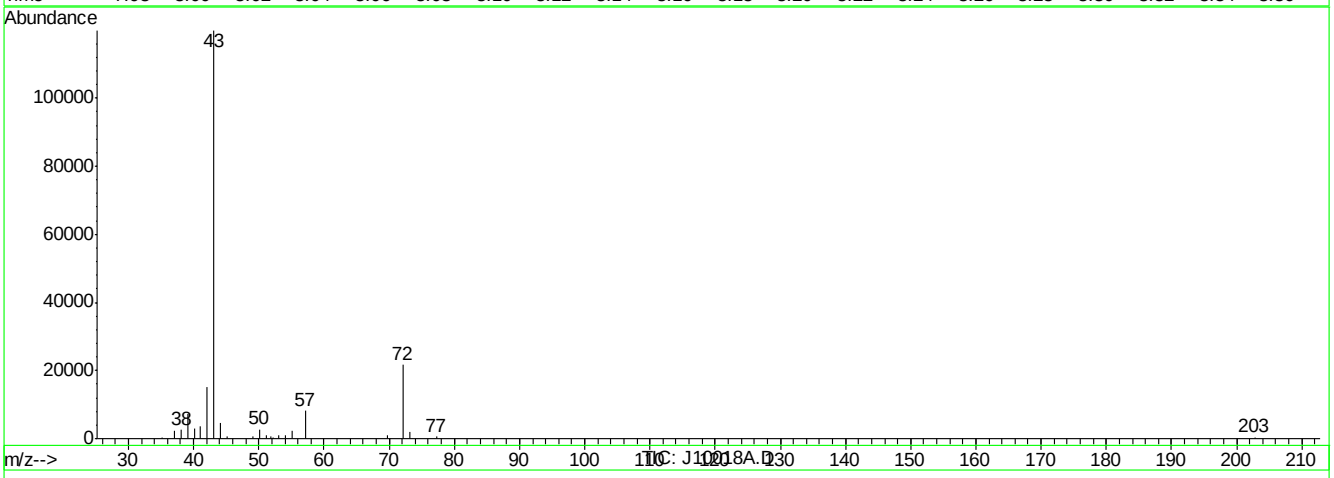
Quantitation Report (Qedit)

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

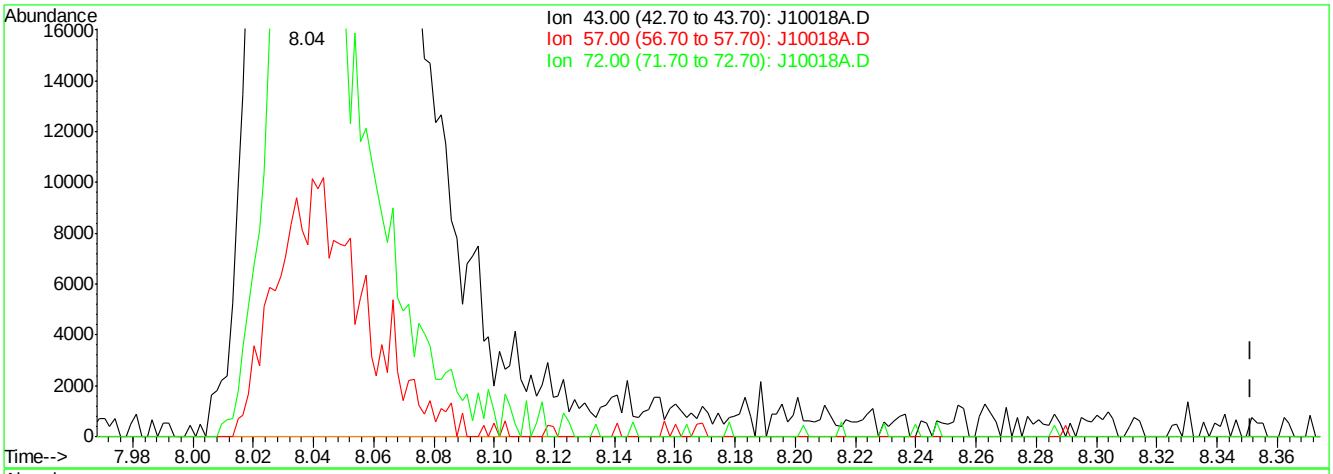
J10018A.D J040507T.M Fri Apr 13 10:55:48 2007

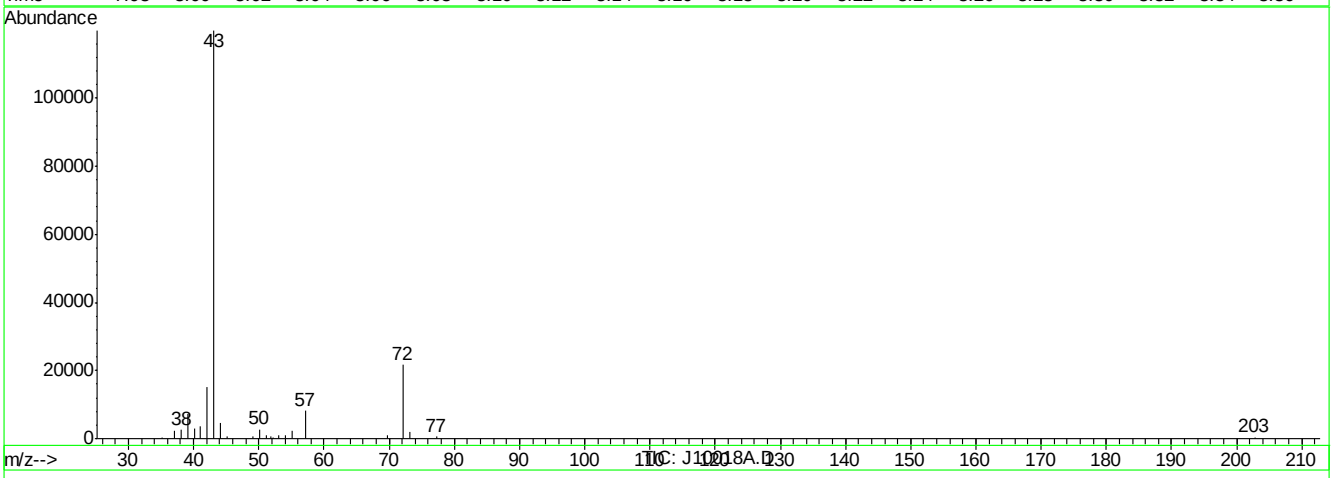
Quantitation Report (Qedit)

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

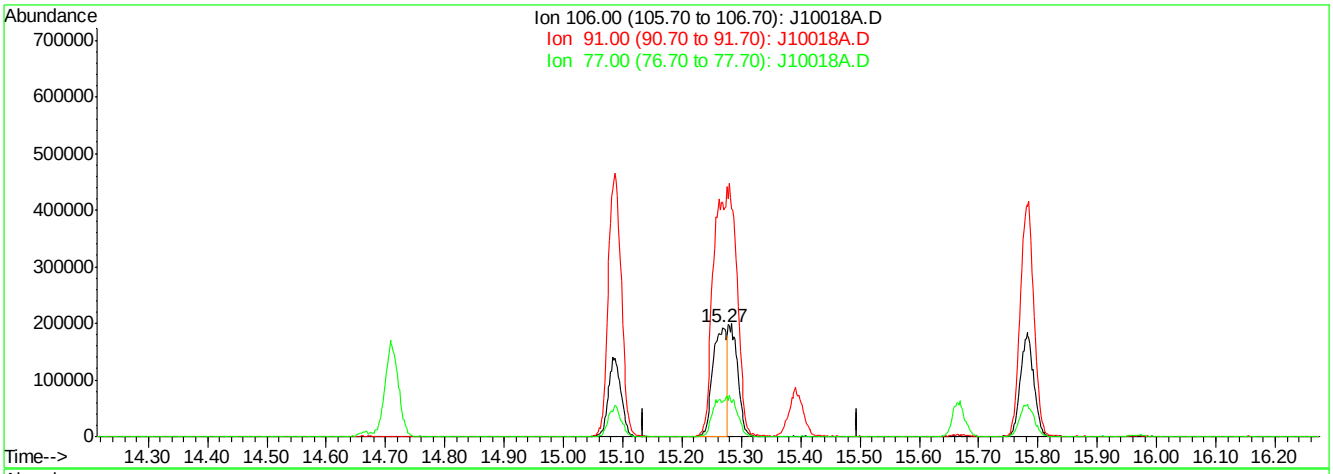
J10018A.D J040507T.M Fri Apr 13 10:55:53 2007

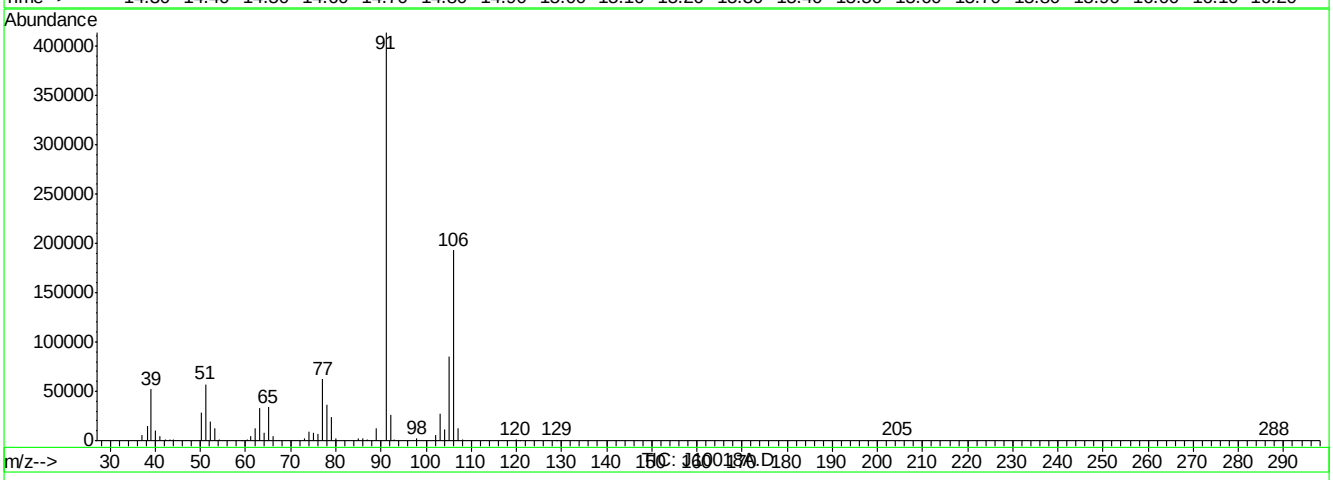
Quantitation Report (Qedit)

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

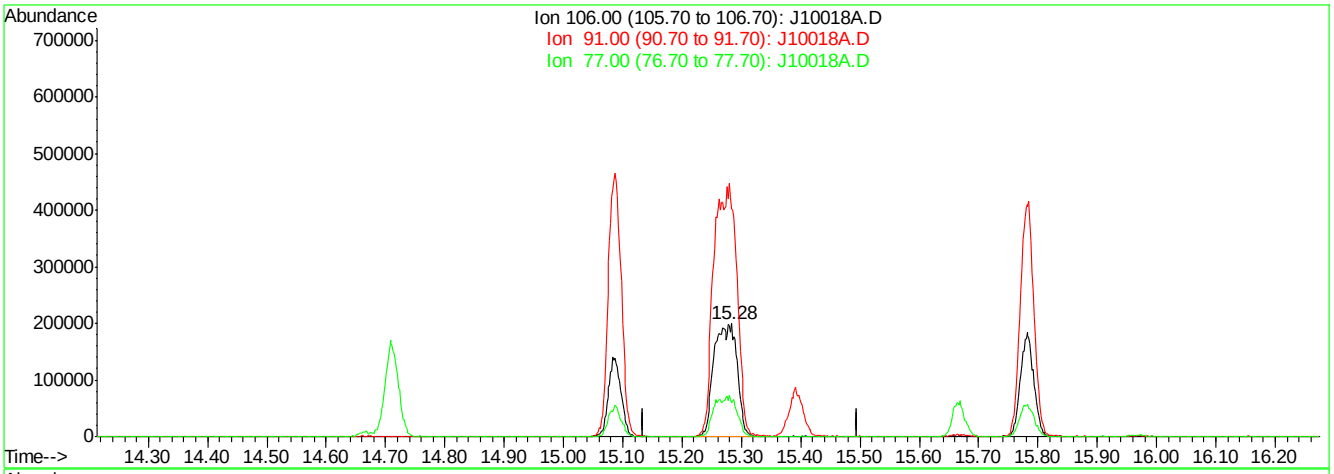
J10018A.D J040507T.M Fri Apr 13 10:55:59 2007

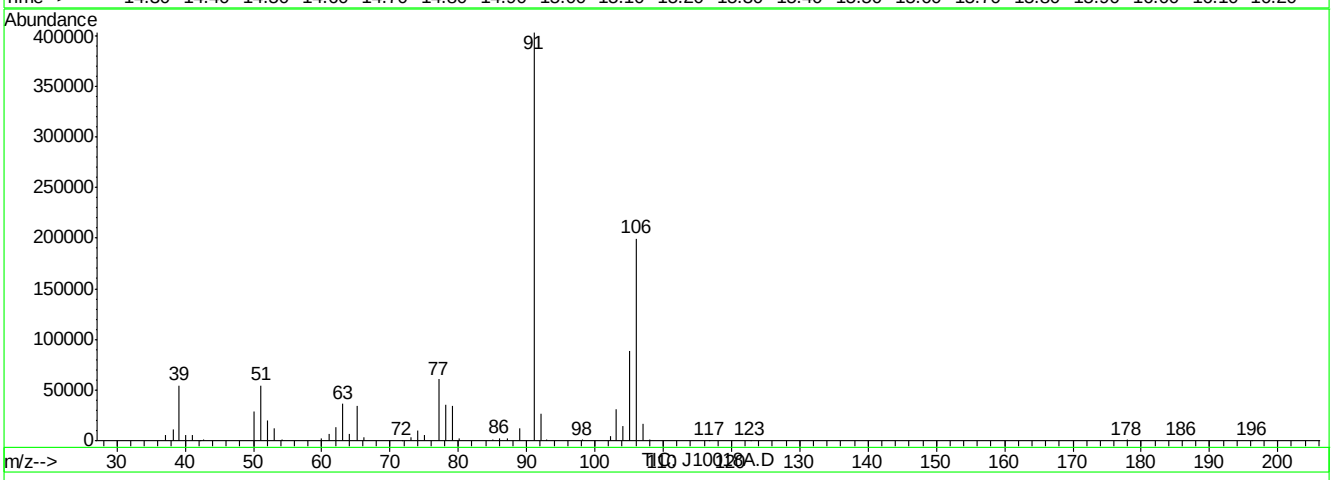
Quantitation Report (Qedit)

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 : J10172.D
Acq On : 30 Apr 2007 2:54 pm
Operator : danat
Sample : M64241-1DUP (M009)
Misc : MS13445, MSJ526,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 30 15:39:13 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Apr 27 09:59:19 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	76143	10.00	PPBV	0.03
35) 1,4-DIFLUOROBENZENE	10.44	114	311582	10.00	PPBV	0.02
49) CHLOROBENZENE-D5	14.67	117	260979	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	68810	4.20	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 84.00%

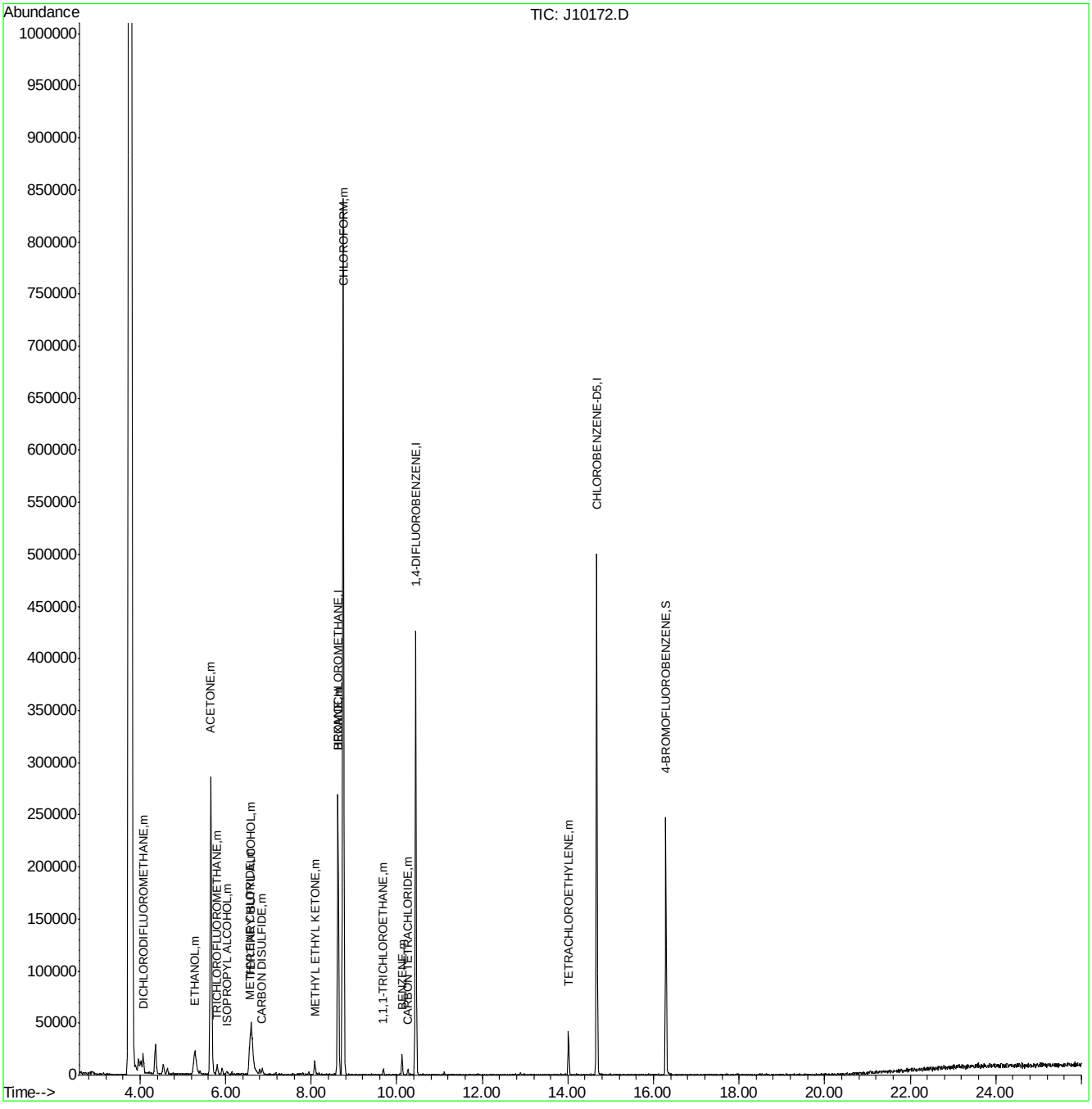
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	21100	0.70	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.81	101	9603	0.32	PPBV	96
11) ISOPROPYL ALCOHOL	6.03	45	4748	0.60	PPBV	99
12) ACETONE	5.65	43	253902	29.72	PPBV	86
15) CARBON DISULFIDE	6.86	76	9127	0.45	PPBV	65
16) ETHANOL	5.28	45	51885	42.86	PPBV #	56
18) METHYLENE CHLORIDE	6.55	84	10425	1.13	PPBV	98
22) TERTIARY BUTYL ALCOHOL	6.60	59	109441	10.41	PPBV	92
25) HEXANE	8.63	57	2501	0.29	PPBV	93
28) METHYL ETHYL KETONE	8.08	43	17264	2.10	PPBV	91
31) CHLOROFORM	8.75	83	667923	38.56	PPBV	100
32) 1,1,1-TRICHLOROETHANE	9.68	97	4896	0.23	PPBV #	74
33) CARBON TETRACHLORIDE	10.26	117	3021	0.11	PPBV	91
36) BENZENE	10.13	78	15434	1.03	PPBV	98
51) TETRACHLOROETHYLENE	14.01	164	8851	0.95	PPBV	99

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

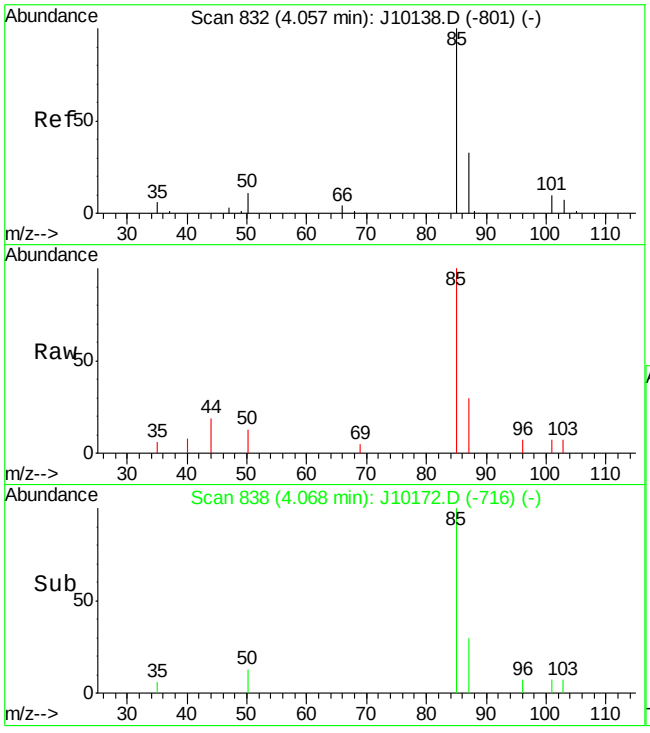
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10172.D
Acq On : 30 Apr 2007 2:54 pm
Operator : danat
Sample : M64241-1DUP (M009)
Misc : MS13445, MSJ526,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 30 15:39:13 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Apr 27 09:59:19 2007
Response via : Initial Calibration



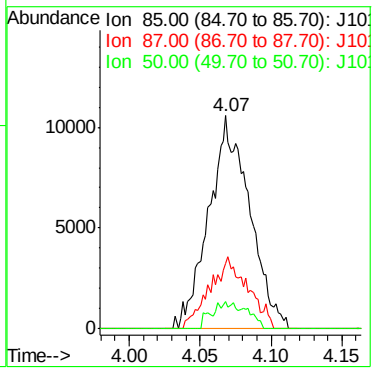
J042607T.M Mon Apr 30 15:39:39 2007 Page: 2

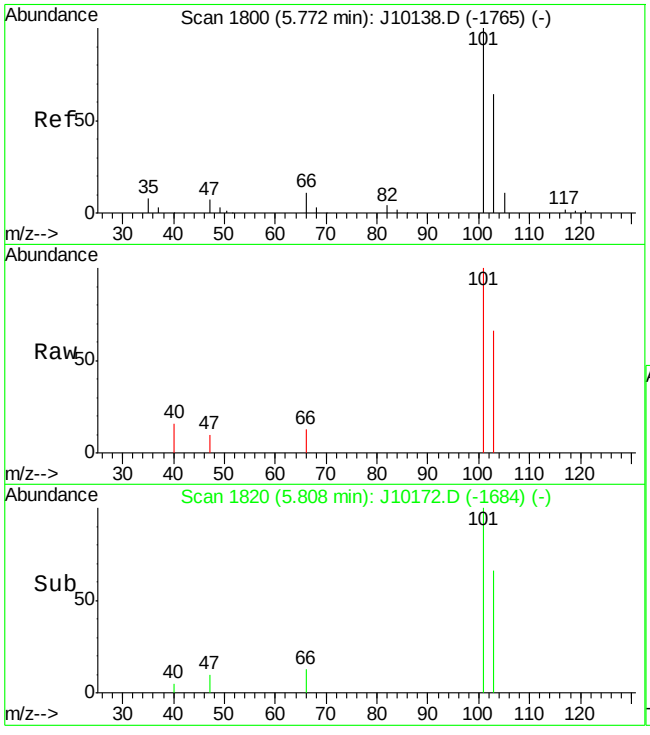


#2
DICHLORODIFLUOROMETHANE
Concen: 0.70 PPBV
RT: 4.07 min Scan# 838
Delta R.T. 0.01 min
Lab File: J10172.D
Acq: 30 Apr 2007 2:54 pm

Tgt Ion: 85 Resp: 21100

Ion	Ratio	Lower	Upper
85	100		
87	31.7	12.7	52.7
50	10.9	0.0	31.4

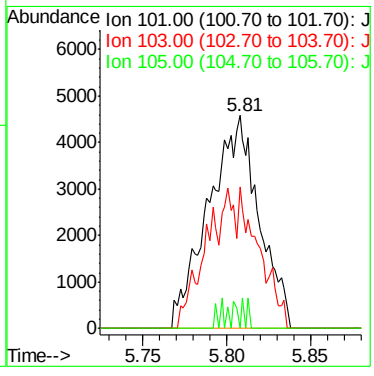


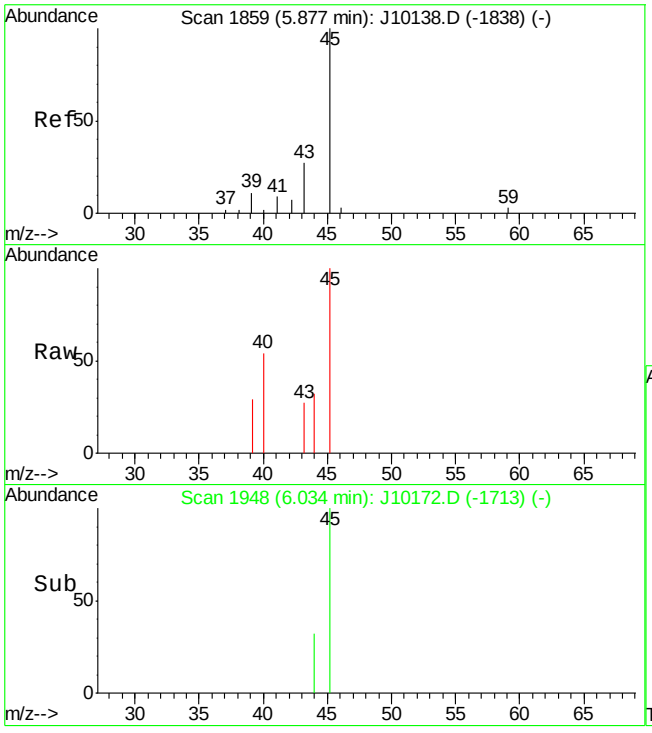


#10
TRICHLOROFLUOROMETHANE
Concen: 0.32 PPBV
RT: 5.81 min Scan# 1820
Delta R.T. 0.04 min
Lab File: J10172.D
Acq: 30 Apr 2007 2:54 pm

Tgt Ion:101 Resp: 9603

Ion	Ratio	Lower	Upper
101	100		
103	65.6	44.7	84.7
105	3.1	0.0	30.7

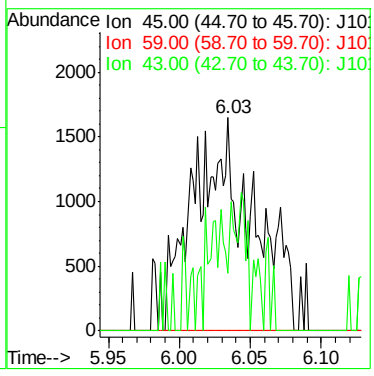


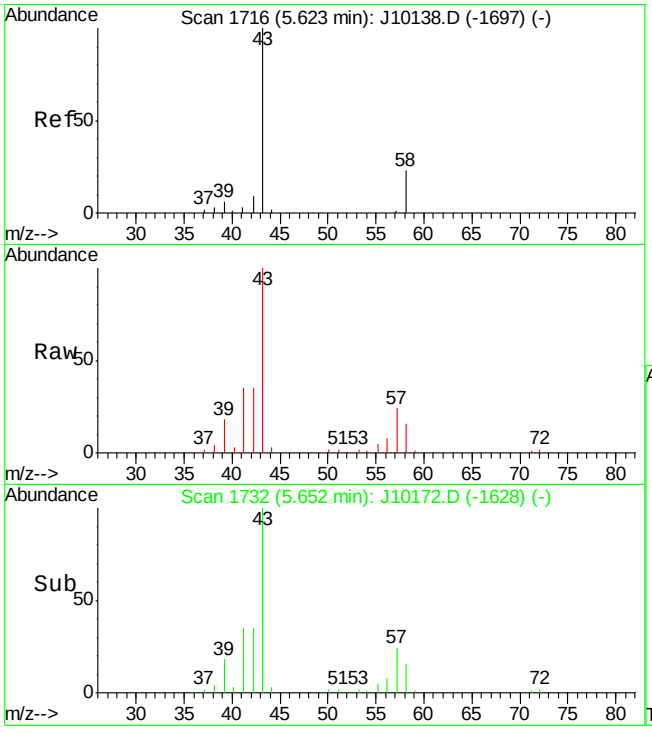


#11
ISOPROPYL ALCOHOL
Concen: 0.60 PPBV
RT: 6.03 min Scan# 1948
Delta R.T. 0.16 min
Lab File: J10172.D
Acq: 30 Apr 2007 2:54 pm

Tgt Ion: 45 Resp: 4748

Ion	Ratio	Lower	Upper
45	100		
59	0.0	0.0	22.6
43	27.0	7.0	47.0

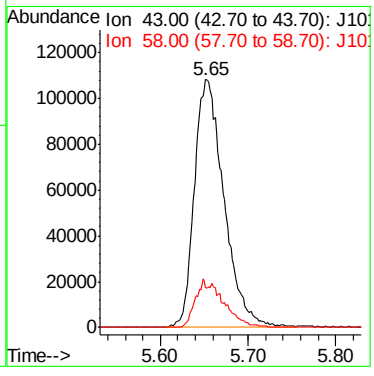


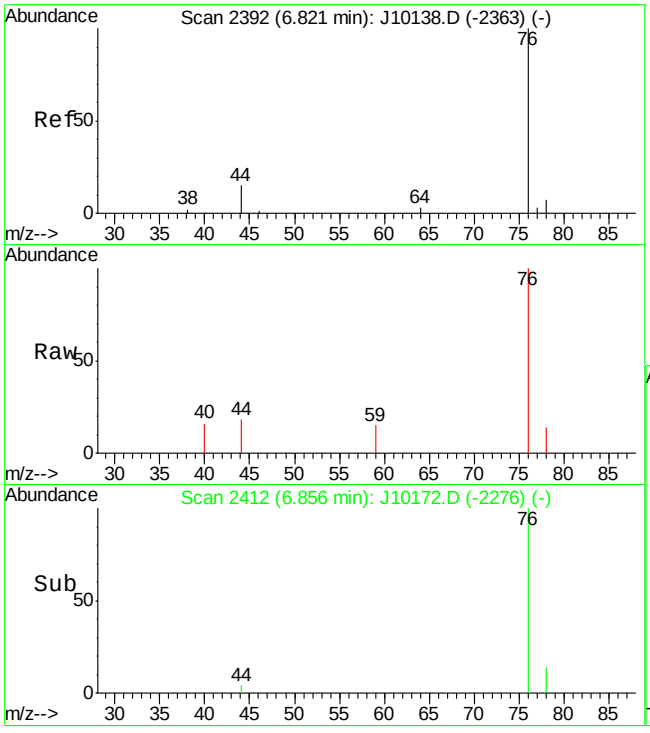


#12
ACETONE
Concen: 29.72 PPBV
RT: 5.65 min Scan# 1732
Delta R.T. 0.03 min
Lab File: J10172.D
Acq: 30 Apr 2007 2:54 pm

Tgt Ion: 43 Resp: 253902

Ion	Ratio	Lower	Upper
43	100		
58	18.3	5.2	45.2

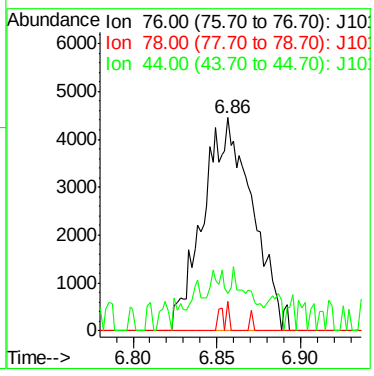


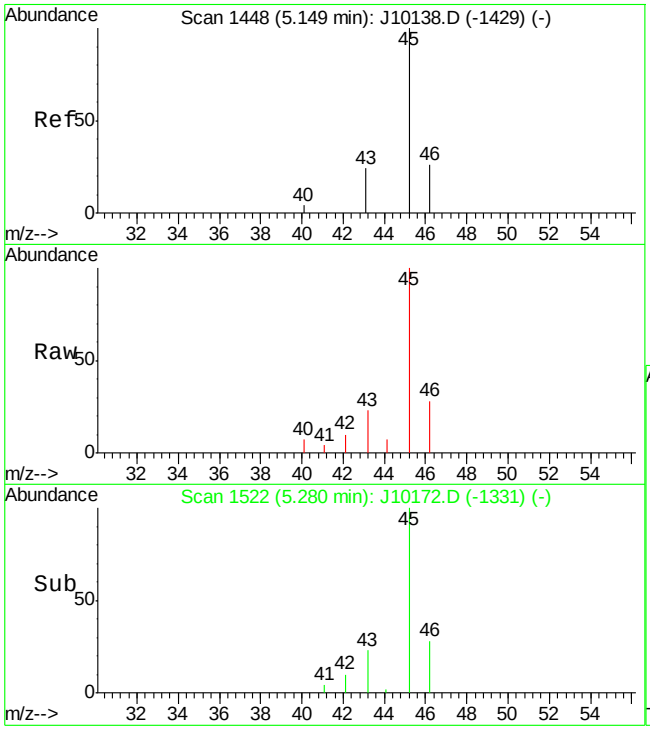


#15
CARBON DISULFIDE
Concen: 0.45 PPBV
RT: 6.86 min Scan# 2412
Delta R.T. 0.04 min
Lab File: J10172.D
Acq: 30 Apr 2007 2:54 pm

Tgt Ion: 76 Resp: 9127

Ion	Ratio	Lower	Upper
76	100		
78	1.8	0.0	29.2
44	35.0	0.0	36.5

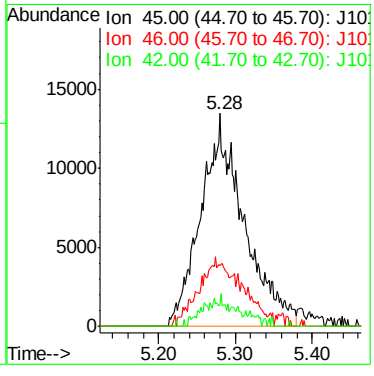


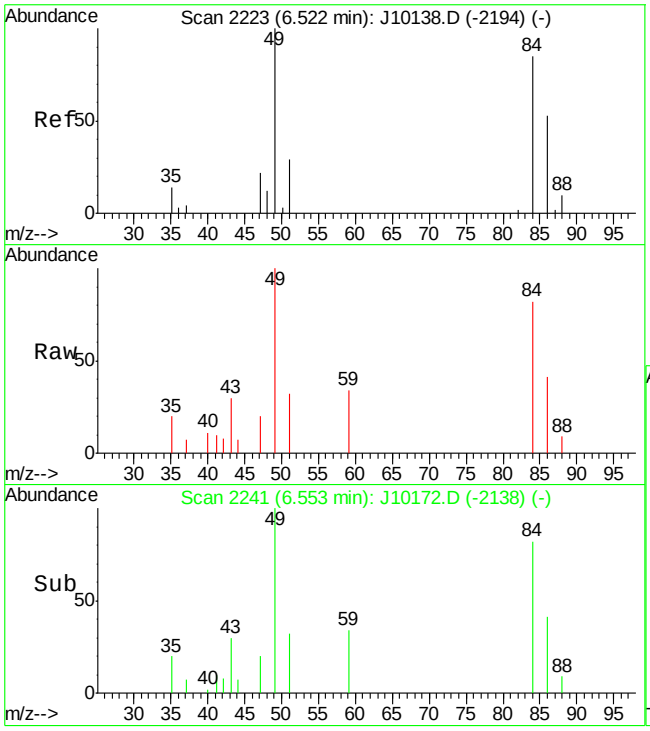


#16
ETHANOL
Concen: 42.86 PPBV
RT: 5.28 min Scan# 1522
Delta R.T. 0.13 min
Lab File: J10172.D
Acq: 30 Apr 2007 2:54 pm

Tgt Ion: 45 Resp: 51885

Ion	Ratio	Lower	Upper
45	100		
46	33.1	0.0	29.9#
42	9.0	0.0	25.5

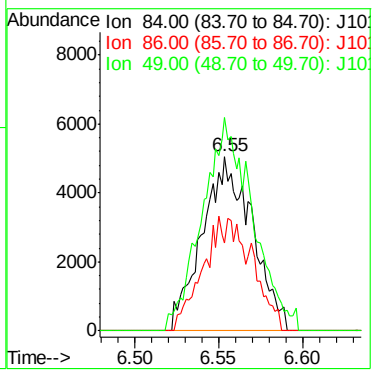


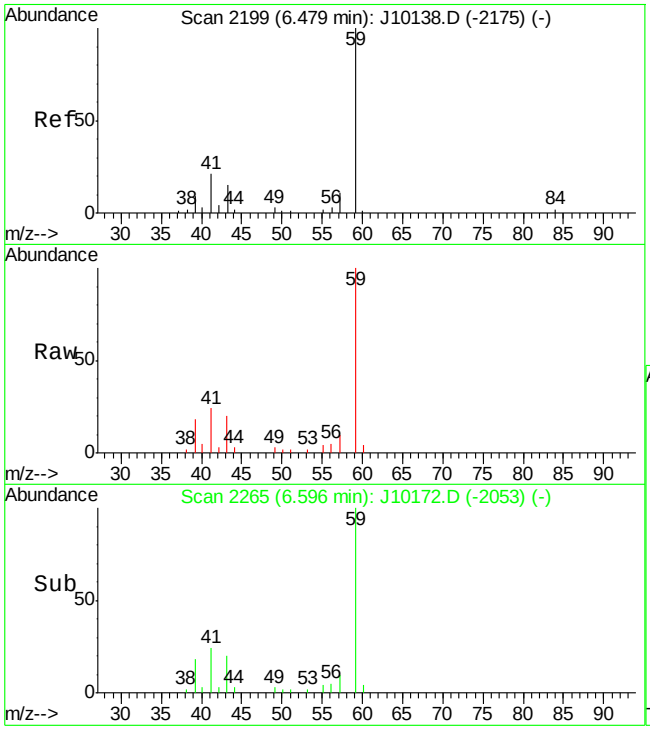


#18
METHYLENE CHLORIDE
Concen: 1.13 PPBV
RT: 6.55 min Scan# 2241
Delta R.T. 0.03 min
Lab File: J10172.D
Acq: 30 Apr 2007 2:54 pm

Tgt Ion: 84 Resp: 10425

Ion	Ratio	Lower	Upper
84	100		
86	63.8	45.2	85.2
49	123.6	0.0	321.5

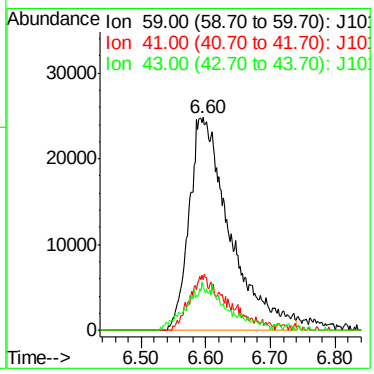


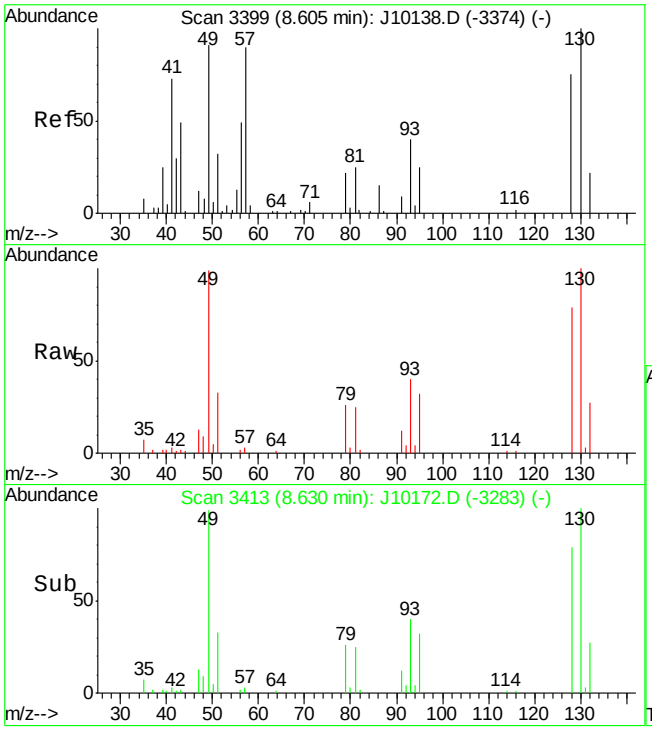


#22
TERTIARY BUTYL ALCOHOL
Concen: 10.41 PPBV
RT: 6.60 min Scan# 2265
Delta R.T. 0.12 min
Lab File: J10172.D
Acq: 30 Apr 2007 2:54 pm

Tgt Ion: 59 Resp: 109441

Ion	Ratio	Lower	Upper
59	100		
41	23.9	1.3	41.3
43	21.7	0.0	36.7

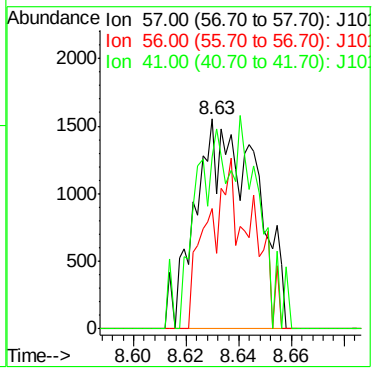


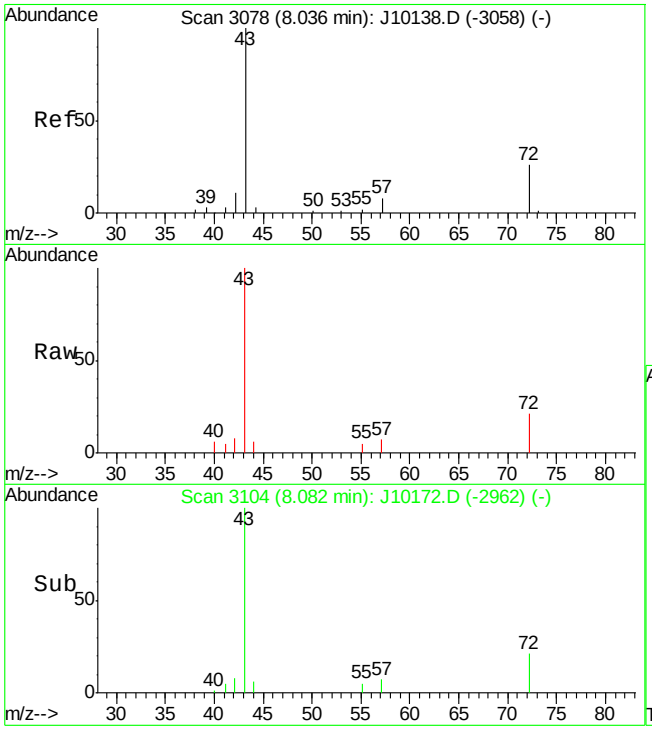


#25
HEXANE
Concen: 0.29 PPBV
RT: 8.63 min Scan# 3413
Delta R.T. 0.02 min
Lab File: J10172.D
Acq: 30 Apr 2007 2:54 pm

Tgt Ion: 57 Resp: 2501

Ion	Ratio	Lower	Upper
57	100		
56	57.5	36.0	76.0
41	92.6	63.3	103.3

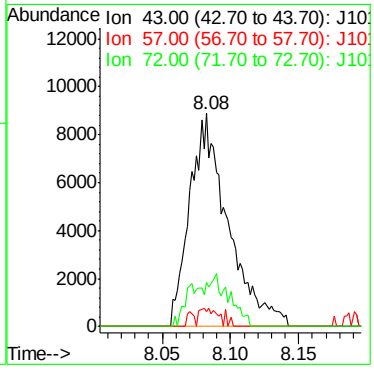


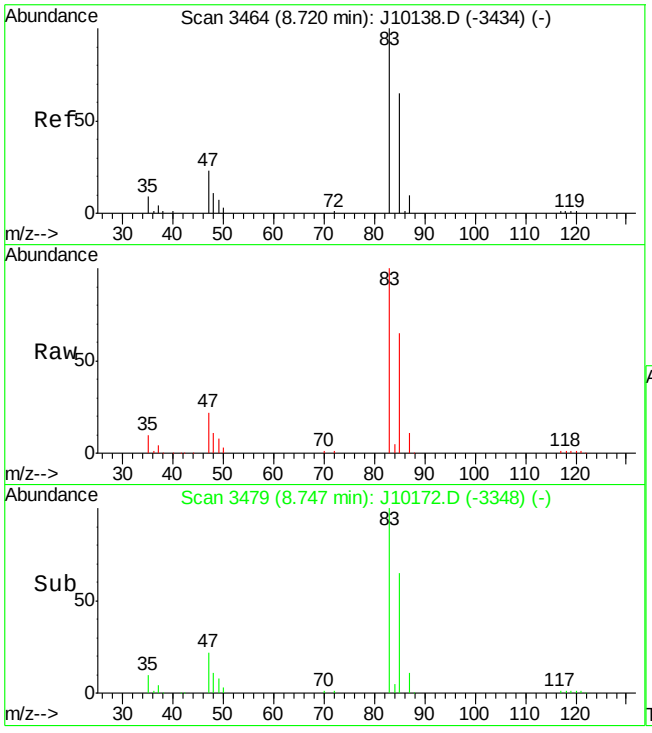


#28
METHYL ETHYL KETONE
Concen: 2.10 PPBV
RT: 8.08 min Scan# 3104
Delta R.T. 0.05 min
Lab File: J10172.D
Acq: 30 Apr 2007 2:54 pm

Tgt Ion: 43 Resp: 17264

Ion	Ratio	Lower	Upper
43	100		
57	7.2	0.0	27.8
72	20.7	6.4	46.4

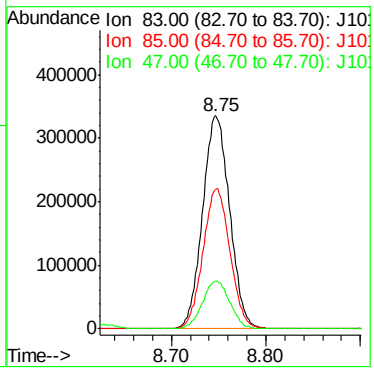


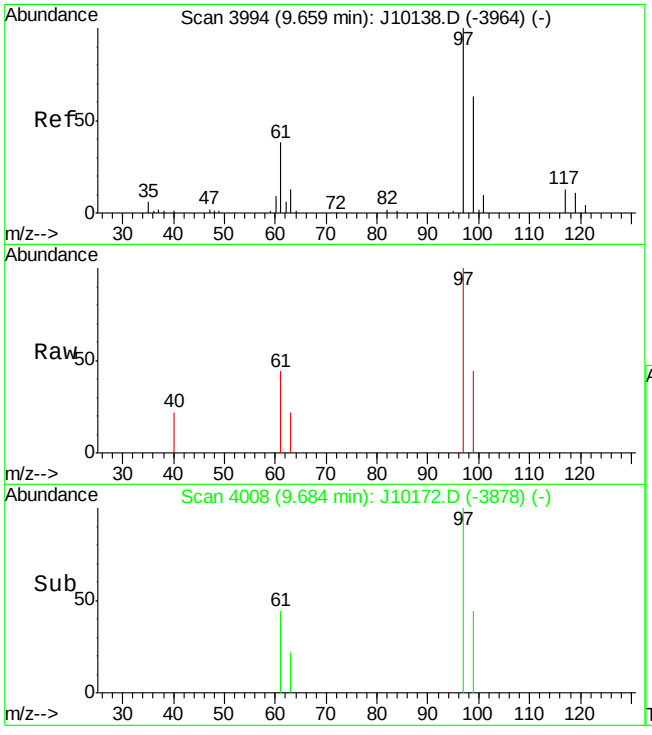


#31
CHLOROFORM
Concen: 38.56 PPBV
RT: 8.75 min Scan# 3479
Delta R.T. 0.03 min
Lab File: J10172.D
Acq: 30 Apr 2007 2:54 pm

Tgt Ion: 83 Resp: 667923

Ion	Ratio	Lower	Upper
83	100		
85	65.5	45.4	85.4
47	22.7	2.2	42.2

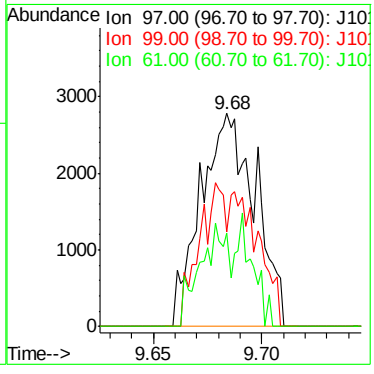


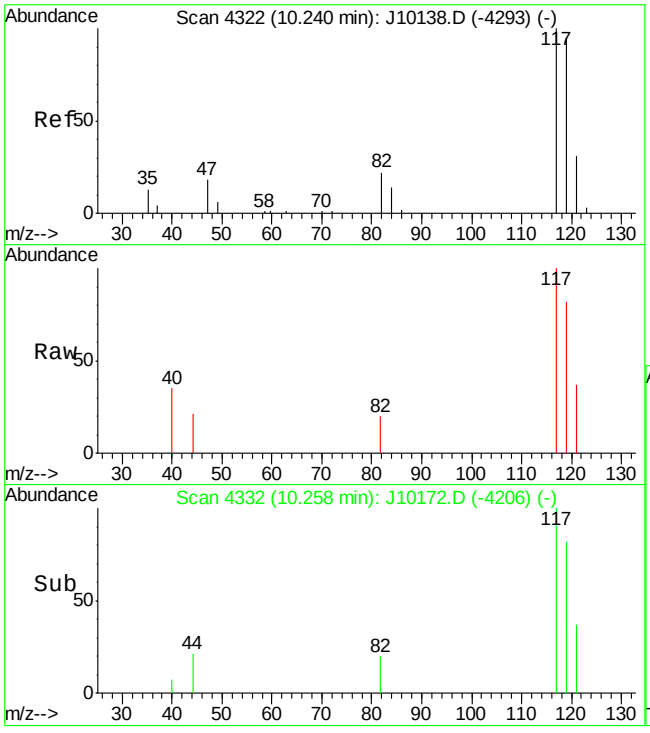


#32
1,1,1-TRICHLOROETHANE
Concen: 0.23 PPBV
RT: 9.68 min Scan# 4008
Delta R.T. 0.02 min
Lab File: J10172.D
Acq: 30 Apr 2007 2:54 pm

Tgt Ion: 97 Resp: 4896

Ion	Ratio	Lower	Upper
97	100		
99	32.0	44.1	84.1#
61	40.9	19.5	59.5

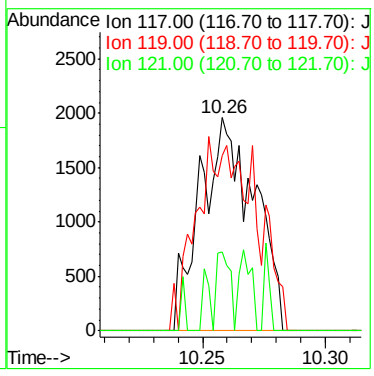


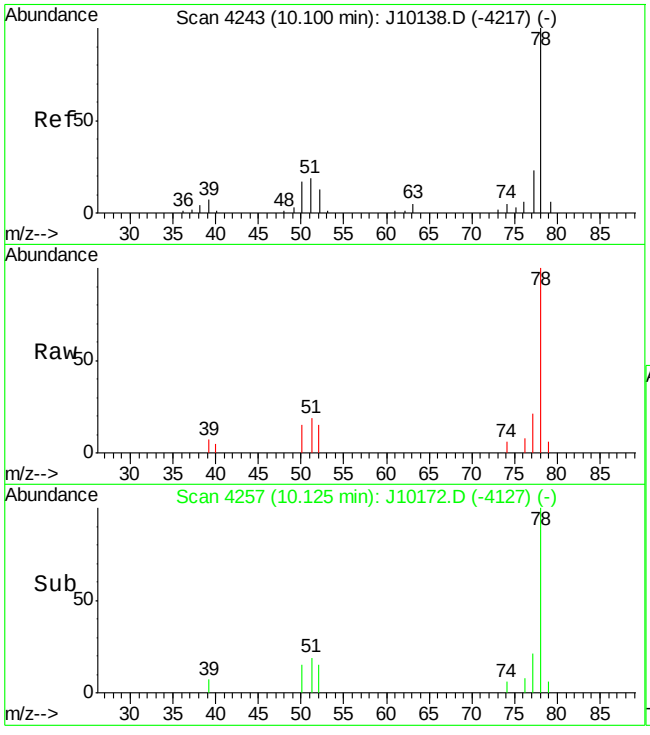


#33
CARBON TETRACHLORIDE
Concen: 0.11 PPBV
RT: 10.26 min Scan# 4332
Delta R.T. 0.02 min
Lab File: J10172.D
Acq: 30 Apr 2007 2:54 pm

Tgt Ion:117 Resp: 3021

Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.5	116.5
121	12.6	11.5	51.5

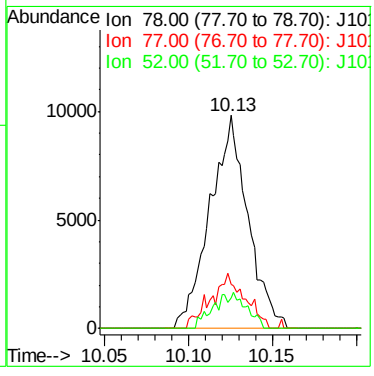


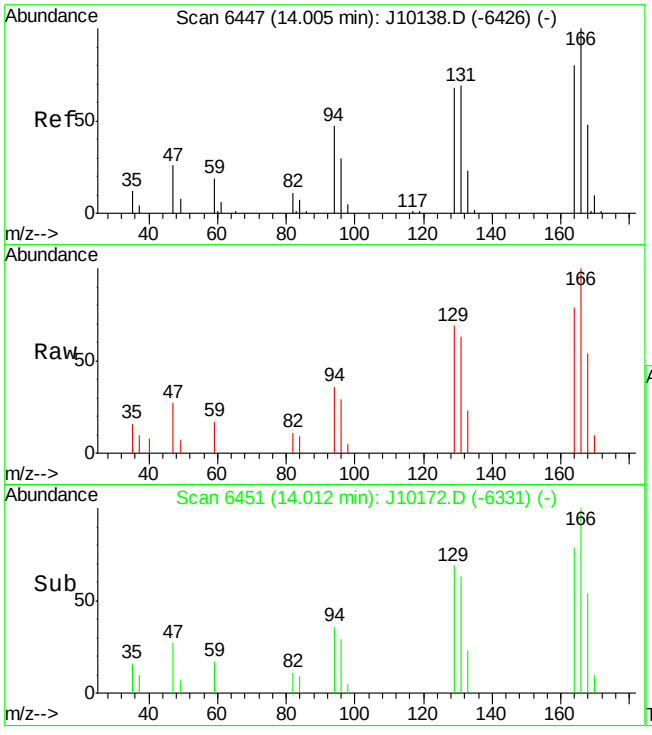


#36
BENZENE
Concen: 1.03 PPBV
RT: 10.13 min Scan# 4257
Delta R.T. 0.02 min
Lab File: J10172.D
Acq: 30 Apr 2007 2:54 pm

Tgt Ion: 78 Resp: 15434

Ion	Ratio	Lower	Upper
78	100		
77	23.2	4.7	44.7
52	14.8	0.0	35.3

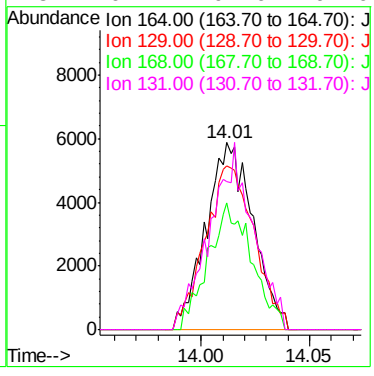




#51
TETRACHLOROETHYLENE
Concen: 0.95 PPBV
RT: 14.01 min Scan# 6451
Delta R.T. 0.01 min
Lab File: J10172.D
Acq: 30 Apr 2007 2:54 pm

Tgt Ion:164 Resp: 8851

Ion	Ratio	Lower	Upper
164	100		
129	91.0	70.9	110.9
168	62.5	42.4	82.4
131	91.1	67.9	107.9



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9975.D
Acq On : 10 Apr 2007 3:28 pm
Operator : PhilipB
Sample : MB (M049)
Misc : MS13352, MSJ516,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 11 09:03:20 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	374779	10.00	PPBV	-0.04
35) 1,4-DIFLUOROBENZENE	10.41	114	910289	10.00	PPBV	-0.04
49) CHLOROBENZENE-D5	14.65	117	732157	10.00	PPBV	-0.02

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	165393	3.77	PPBV	-0.01

Spiked Amount 5.000 Range 51 - 142 Recovery = 75.40%

Target Compounds	Qvalue

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

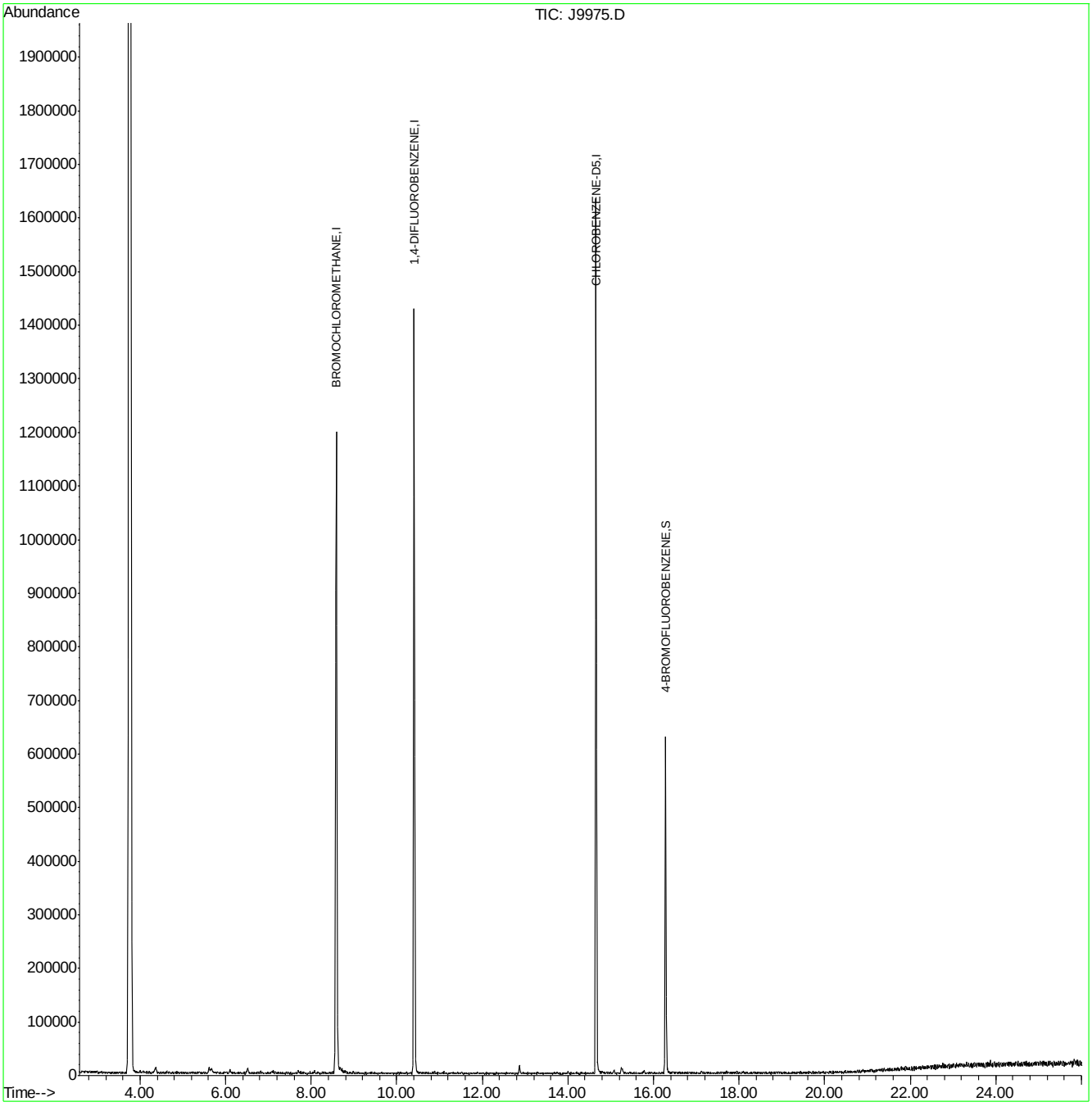
6.5.1

6

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9975.D
Acq On : 10 Apr 2007 3:28 pm
Operator : PhilipB
Sample : MB (M049)
Misc : MS13352, MSJ516,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 11 09:03:20 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



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10019A.D
Acq On : 13 Apr 2007 11:20 am
Operator : PhilipB
Sample : SCC (M138)
Misc : MS13373, MSJ518,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 16 11:26:19 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

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

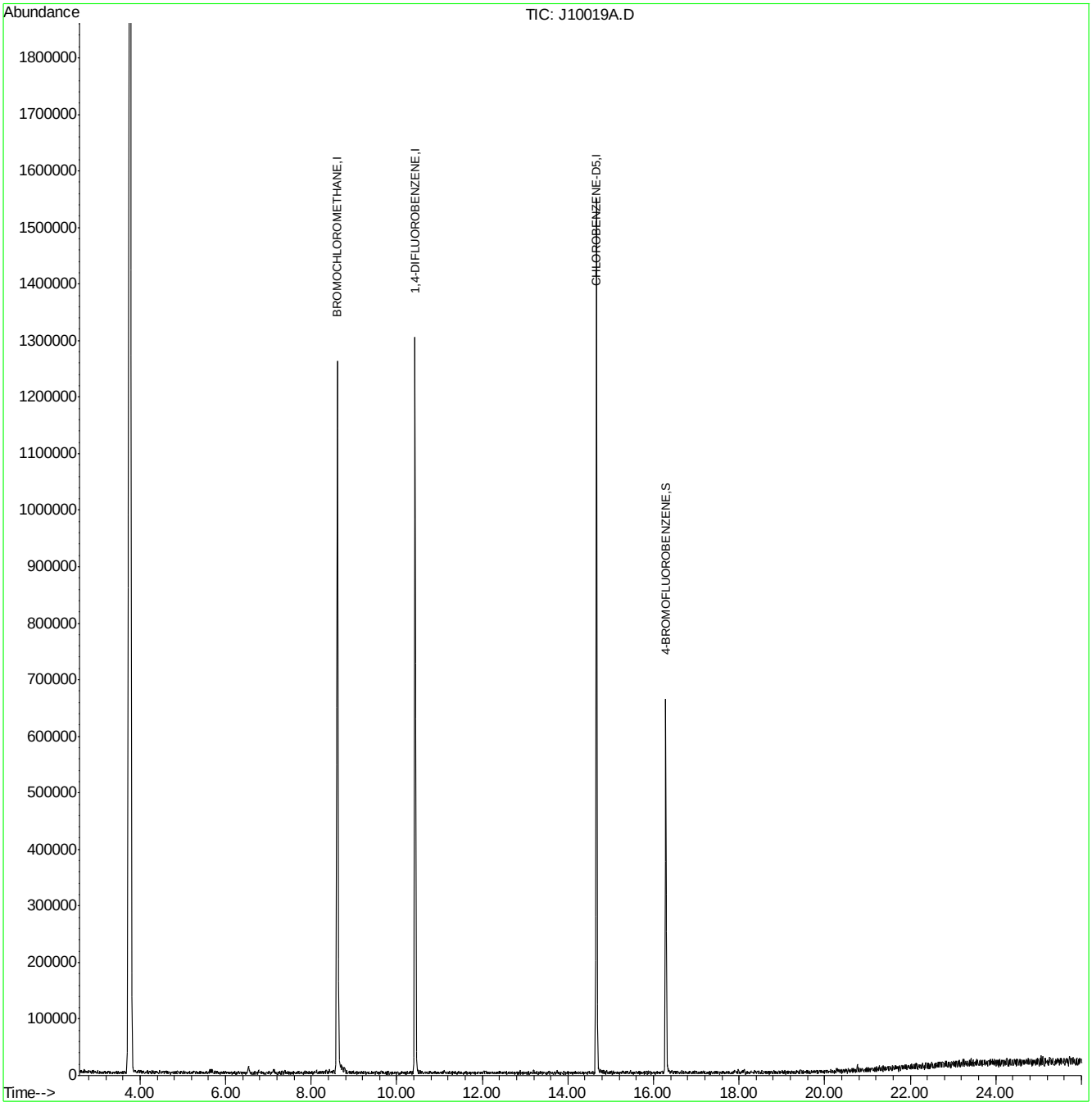
6.5.2

6

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10019A.D
Acq On : 13 Apr 2007 11:20 am
Operator : PhilipB
Sample : SCC (M138)
Misc : MS13373, MSJ518,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 16 11:26:19 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



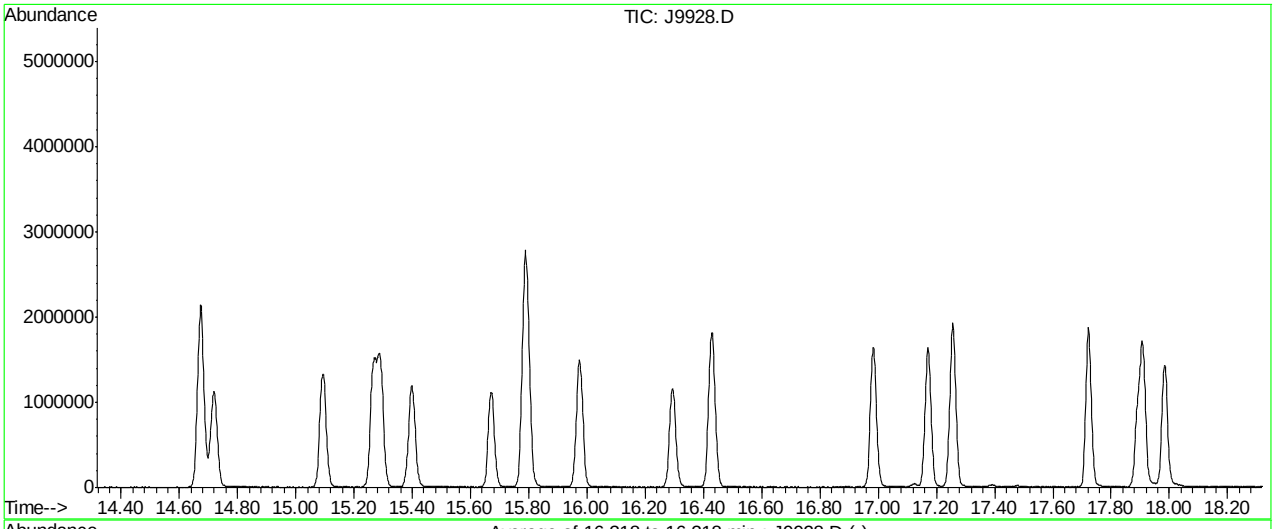
J040507T.M Mon Apr 16 11:26:33 2007 Page: 2

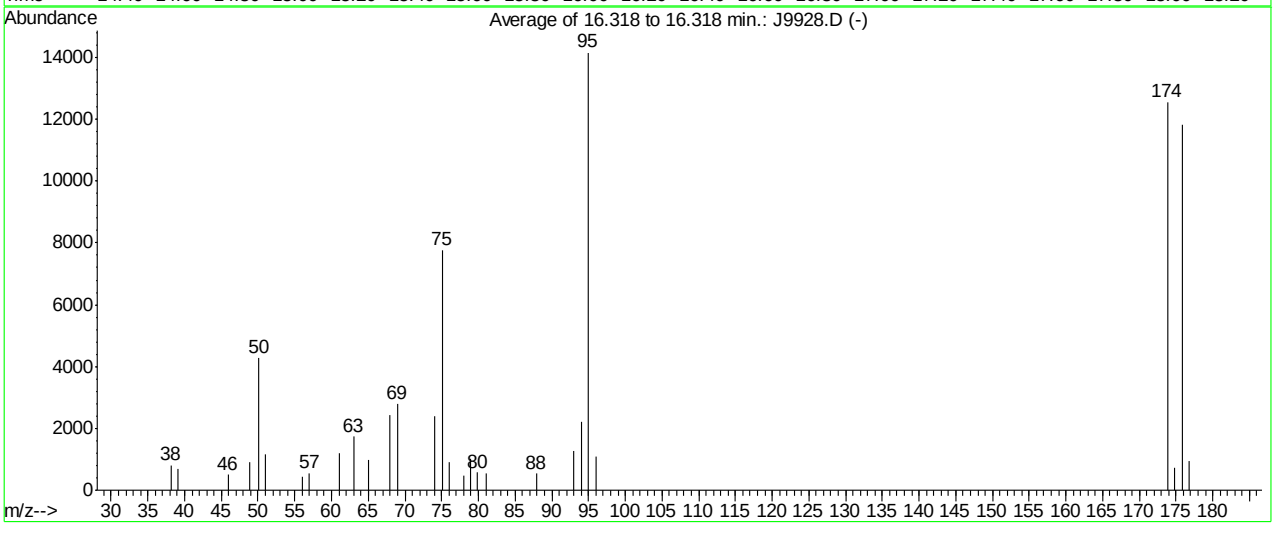
BFB

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

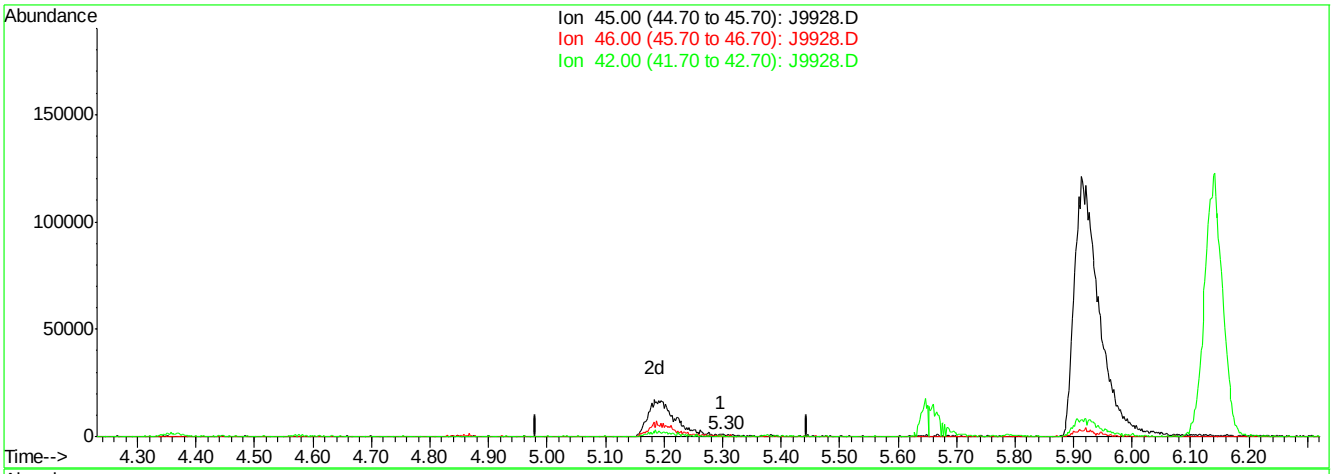
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.10	799	68.00	2426	94.00	2219		
39.10	692	69.00	2778	94.95	14160		
45.90	505	74.10	2397	96.00	1090		
48.90	901	75.10	7769	173.80	12562		
50.10	4273	76.10	912	174.80	735		
51.00	1177	78.00	474	175.90	11811		
56.00	435	78.90	1022	176.70	949		
57.00	555	79.90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

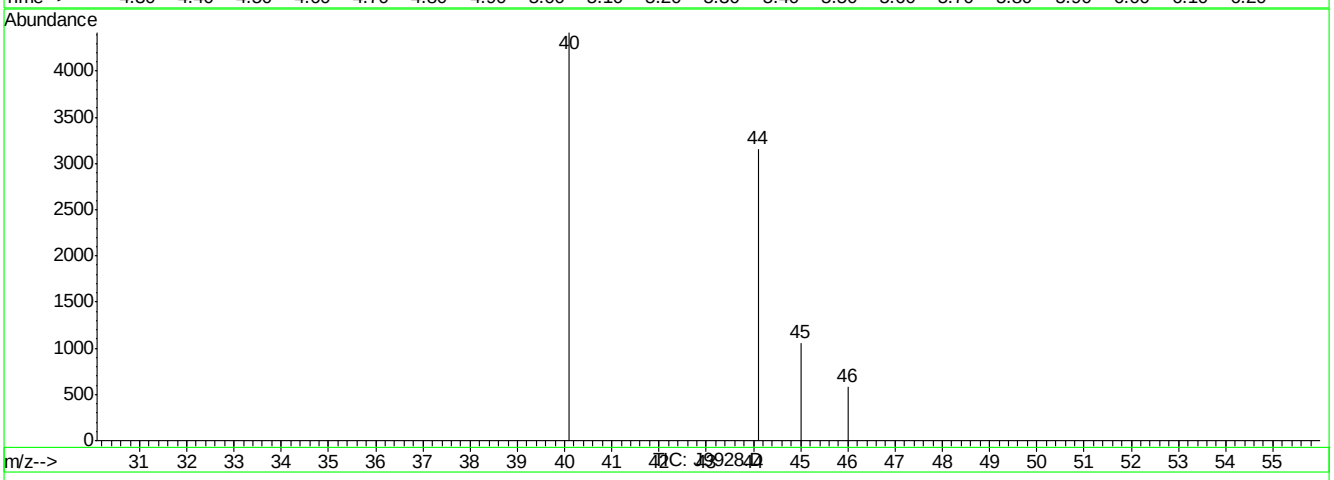
Quantitation Report (Qedit)

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

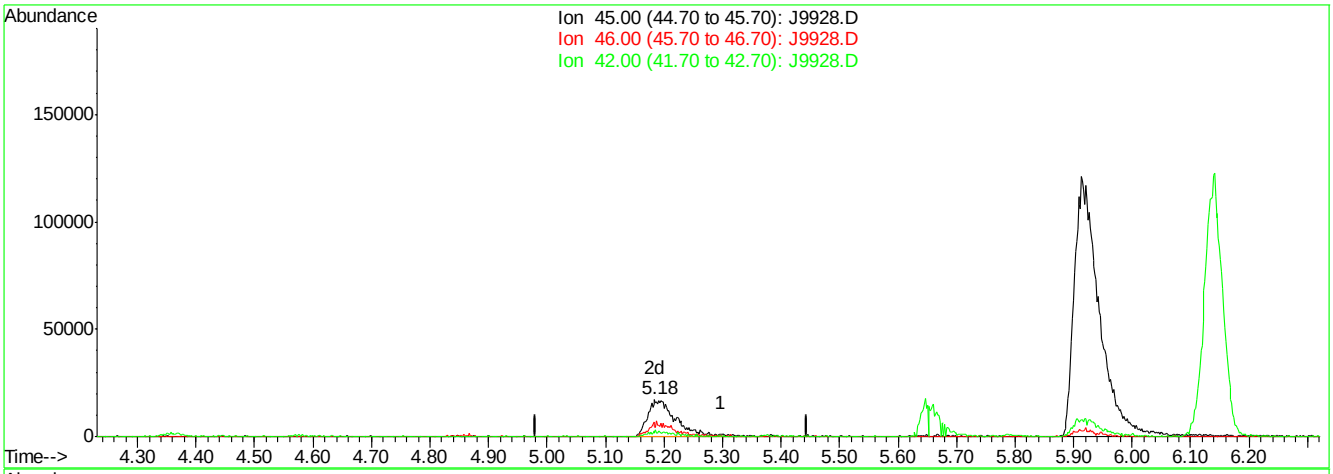
J9928.D J040407T.M Thu Apr 05 13:47:05 2007

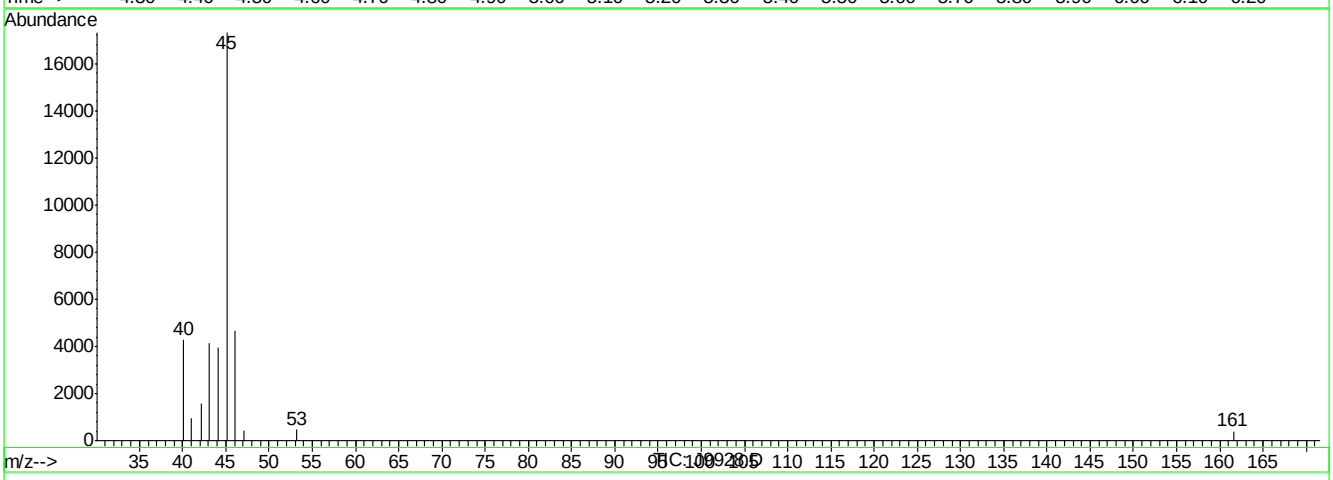
Quantitation Report (Qedit)

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

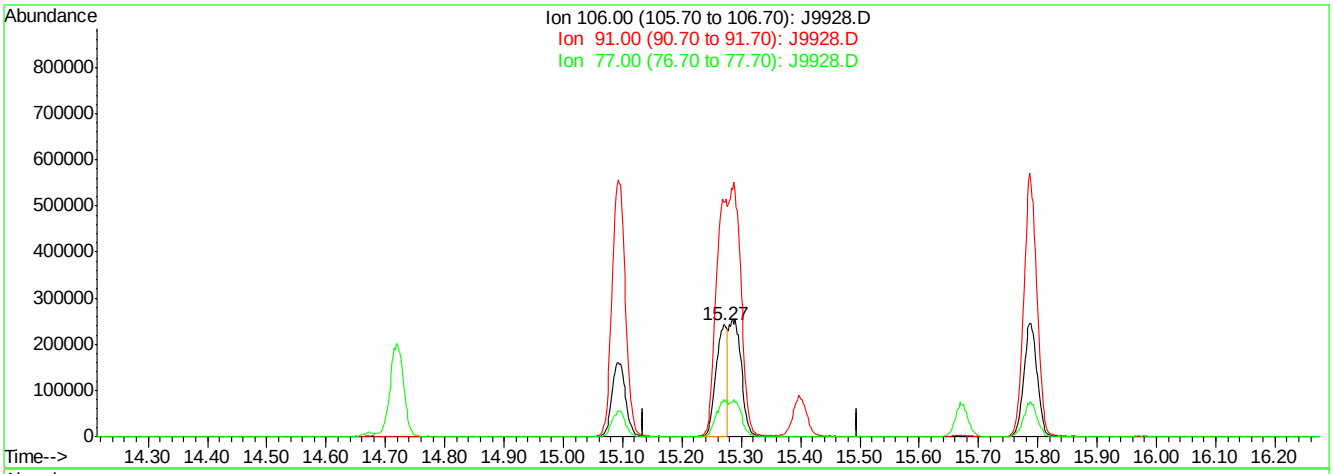
J9928.D J040407T.M Thu Apr 05 13:47:09 2007

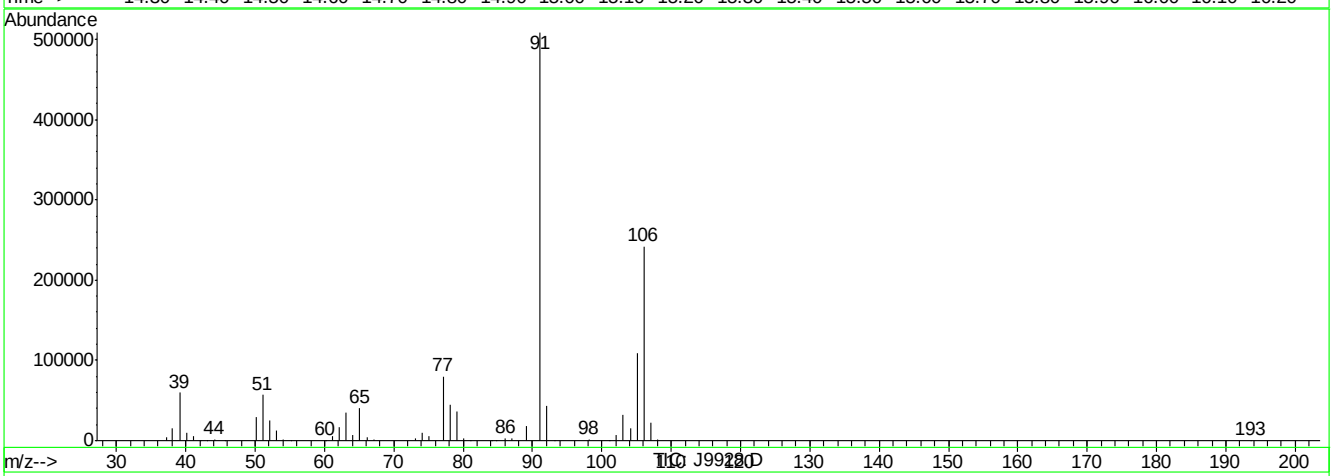
Quantitation Report (Qedit)

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

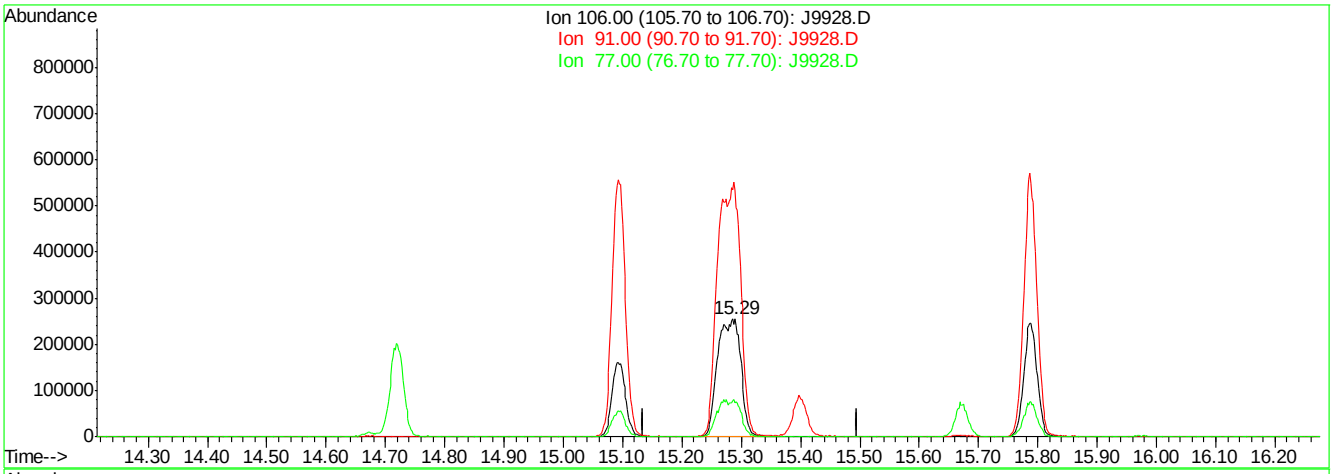
J9928.D J040407T.M Thu Apr 05 13:47:33 2007

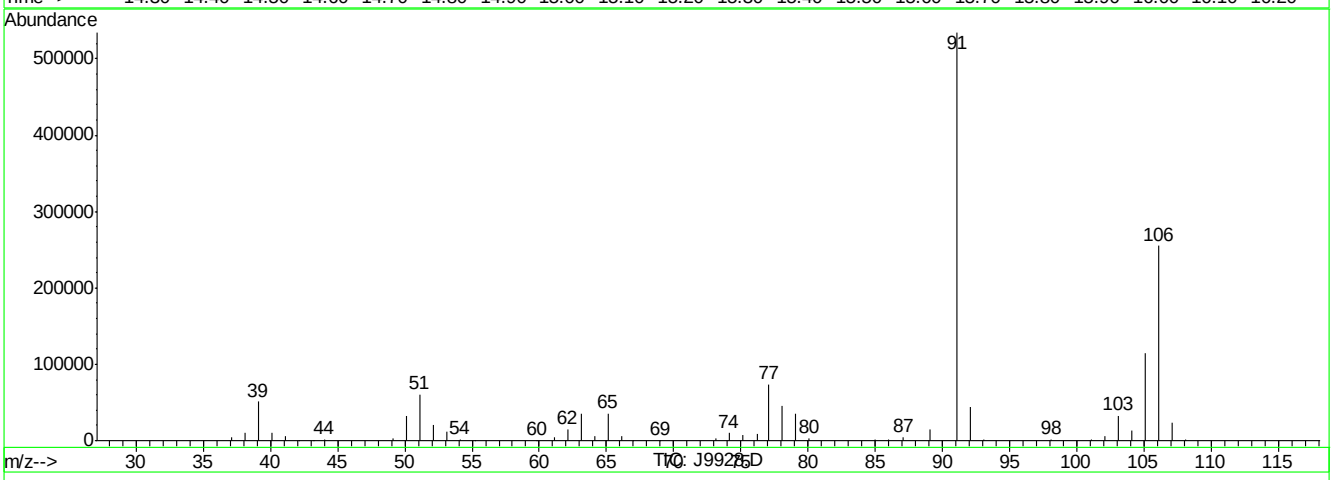
Quantitation Report (Qedit)

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

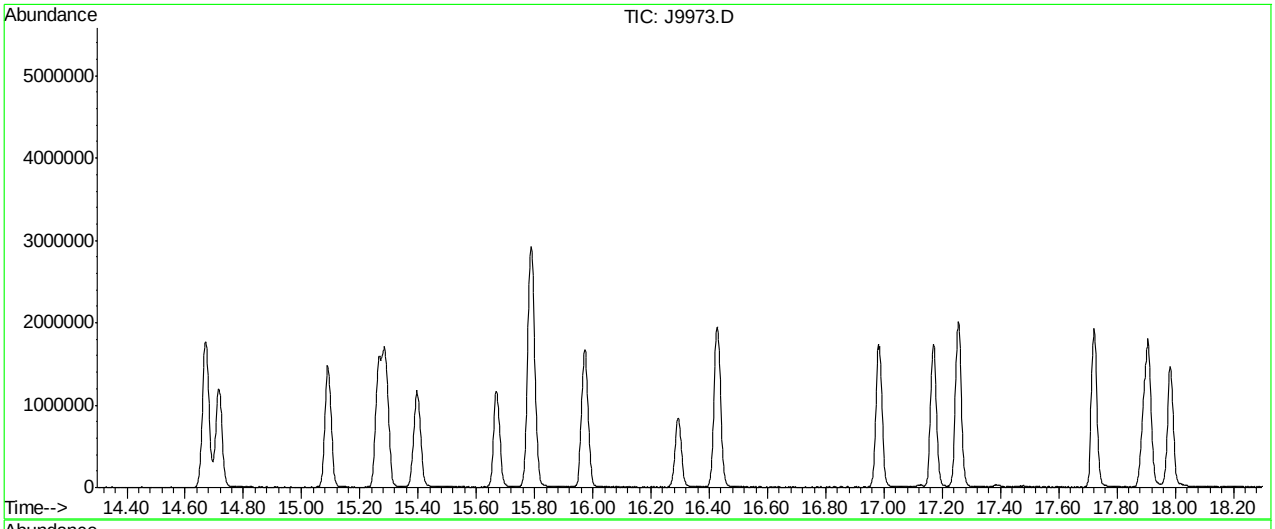
J9928.D J040407T.M Thu Apr 05 13:47:37 2007

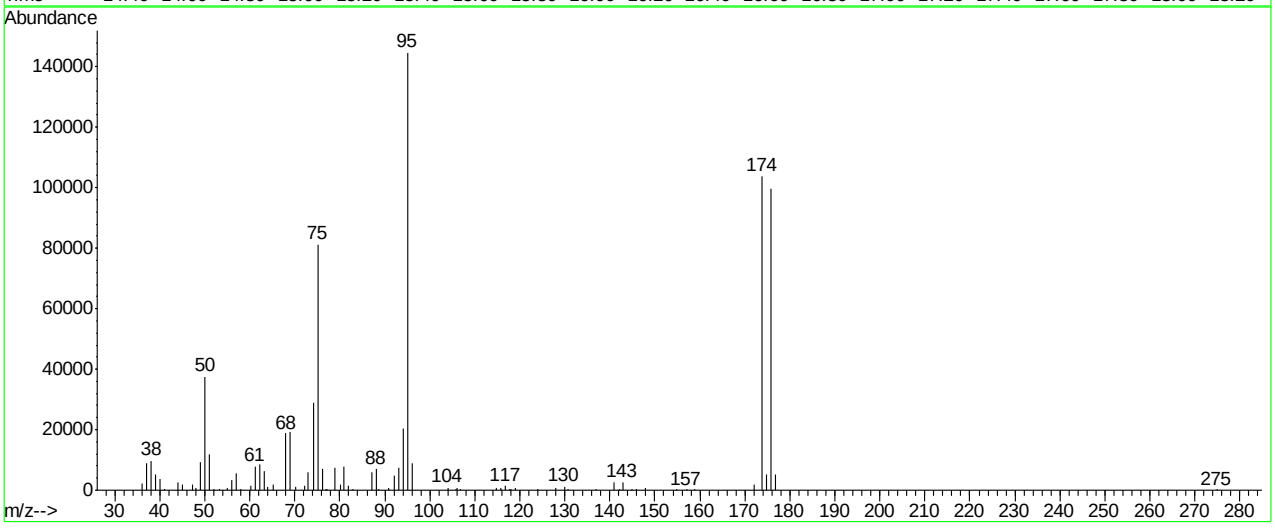
BFB

Data File : C:\MSDCHEM\1\DATA\J9973.D
Acq On : 10 Apr 2007 1:53 pm
Sample : CC513-10 (M119)
Misc : MS13352, MSJ516,,,,,1
MS Integration Params: LSCINT.P

Vial: 4
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 16.297 to 16.299 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	25.9	37524	PASS
75	95	30	66	56.2	81320	PASS
95	95	100	100	100.0	144704	PASS
96	95	5	9	6.1	8796	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	71.8	103832	PASS
175	174	4	9	5.0	5212	PASS
176	174	93	101	96.2	99848	PASS
177	176	5	9	5.4	5375	PASS

J9973.D J040507T.M Wed Apr 11 09:05:20 2007

Average of 16.297 to 16.299 min.: J9973.D
CC513-10 (M119)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.15	2193	50.10	37524	63.10	6380	76.90	365
37.10	8970	51.10	11690	64.05	1036	77.10	482
38.15	9643	52.10	276	65.10	1821	79.00	7355
39.10	5335	53.20	314	68.05	18804	80.05	2050
40.00	3584	55.10	575	69.05	19284	81.00	7940
41.10	257	56.10	3377	70.20	960	81.90	1471
44.15	2770	57.10	5728	72.15	1437	83.00	364
45.05	1915	58.00	272	73.00	5931	87.00	5804
47.15	1855	60.15	1588	74.10	28928	88.00	6912
48.10	711	61.10	7883	75.10	81320	88.60	316
49.10	9253	62.10	8499	76.10	7130	90.90	836

Average of 16.297 to 16.299 min.: J9973.D
CC513-10 (M119)

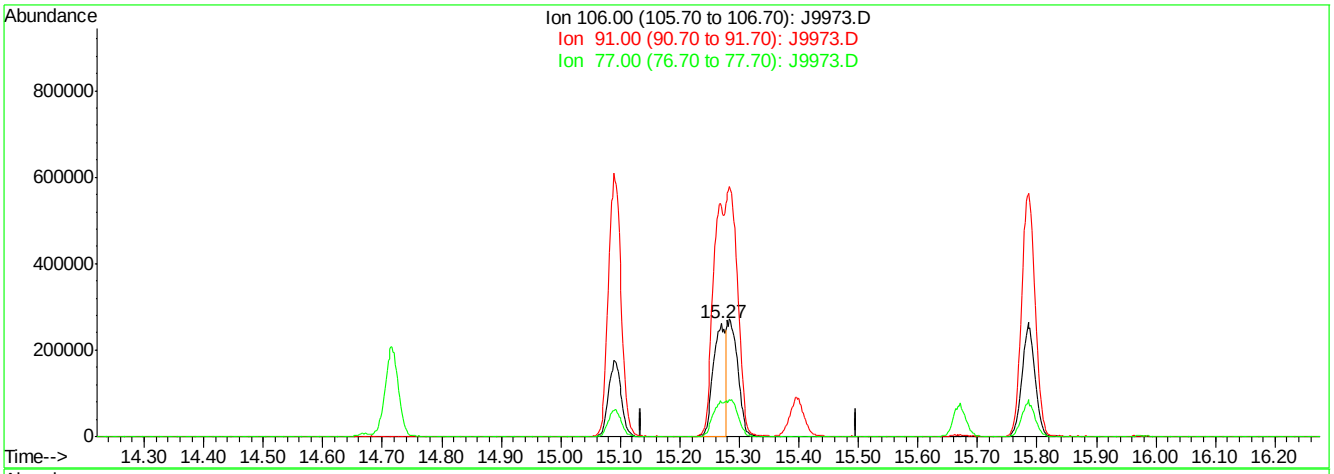
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
92.05	4810	116.85	1312	142.90	2759	176.90	5375
93.10	7422	117.70	406	144.85	549	274.90	215
94.10	20524	118.00	516	145.80	334		
95.00	144704	118.95	938	147.85	701		
96.05	8796	123.90	307	154.90	232		
103.95	934	127.85	800	157.00	264		
105.80	408	129.85	1153	158.90	202		
106.00	577	130.80	227	171.95	1945		
106.70	201	136.90	207	173.90	103832		
114.70	599	141.00	2607	174.90	5212		
115.85	614	142.10	260	175.90	99848		

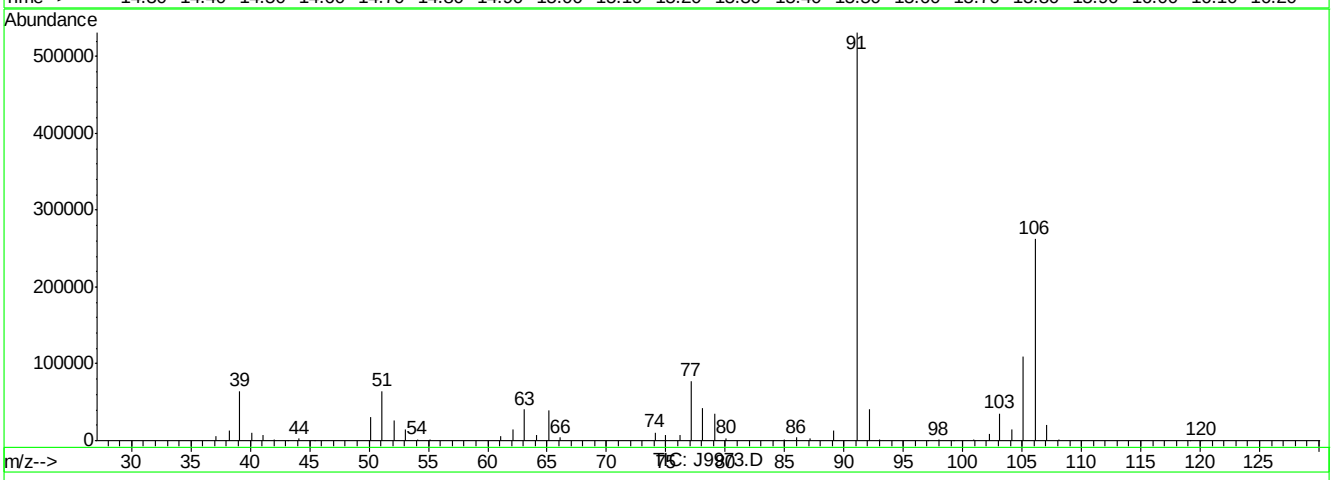
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9973.D Vial: 4
Acq On : 10 Apr 2007 1:53 pm Operator: PhilipB
Sample : CC513-10 (M119) Inst : MSJ
Misc : MS13352, MSJ516,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 11 09:00:11 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 360071

Ion	Exp%	Act%
106.00	100	100
91.00	191.80	202.49
77.00	27.10	29.64
0.00	0.00	0.00

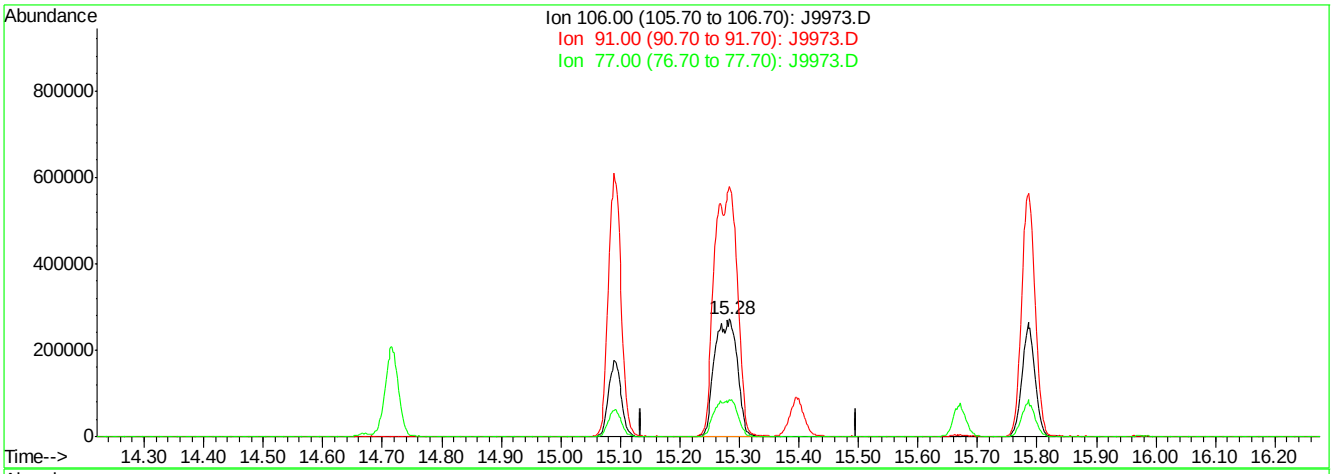
J9973.D J040507T.M Wed Apr 11 09:01:00 2007

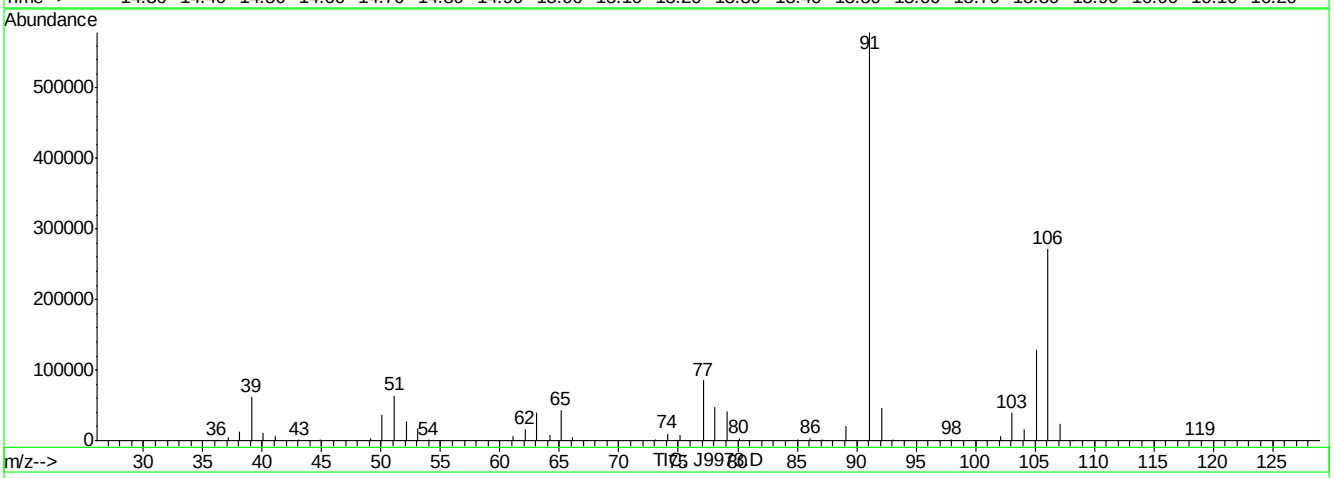
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9973.D Vial: 4
Acq On : 10 Apr 2007 1:53 pm Operator: PhilipB
Sample : CC513-10 (M119) Inst : MSJ
Misc : MS13352, MSJ516,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 11 09:00:11 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 22.79PPBV m

response 712110

Ion	Exp%	Act%
106.00	100	100
91.00	191.80	213.21
77.00	27.10	31.61
0.00	0.00	0.00

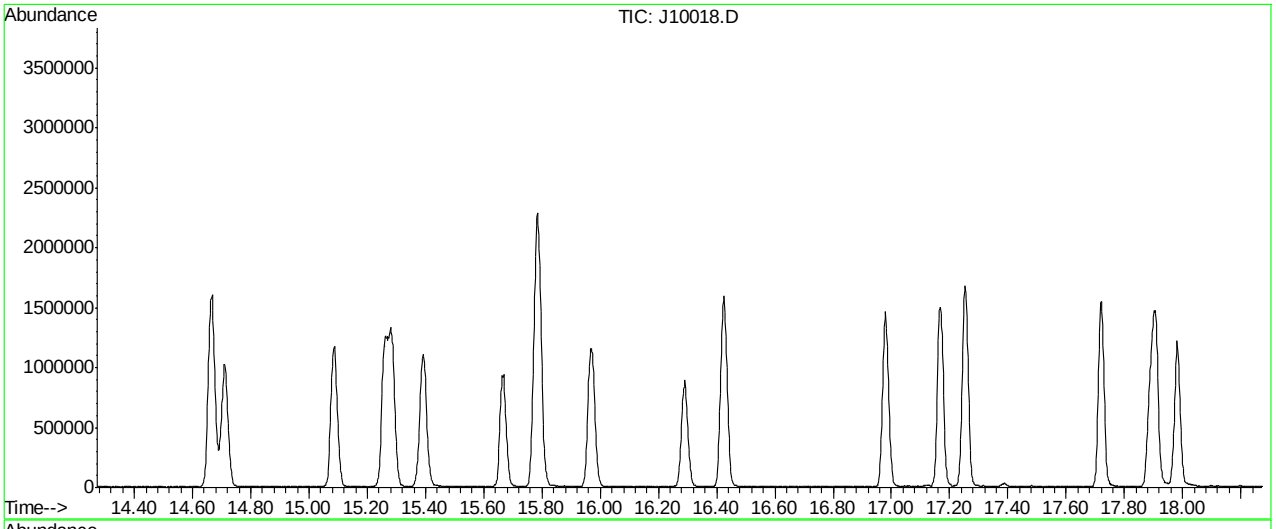
J9973.D J040507T.M Wed Apr 11 09:01:05 2007

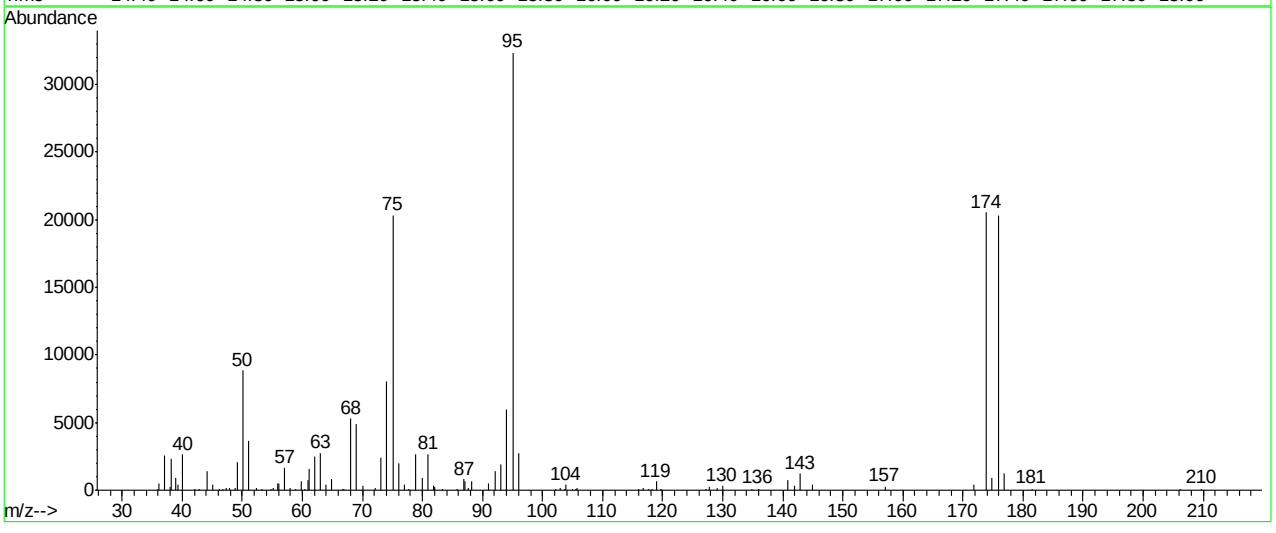
BFB

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)

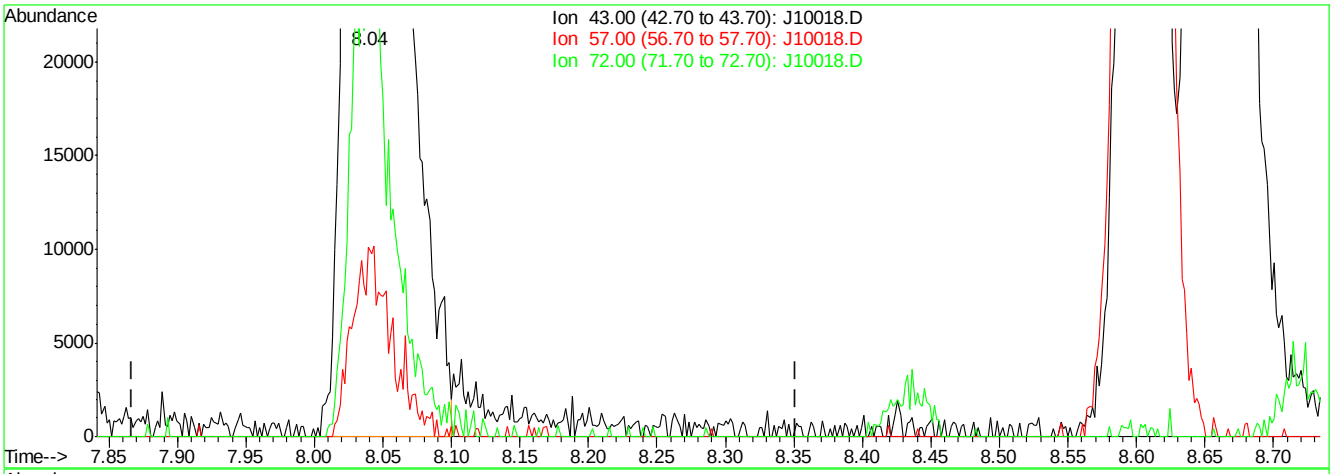
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
142.95	1229						
144.85	386						
157.00	255						
171.85	437						
173.90	20530						
174.90	935						
175.85	20290						
176.85	1248						
181.50	117						
206.10	85						
209.80	91						

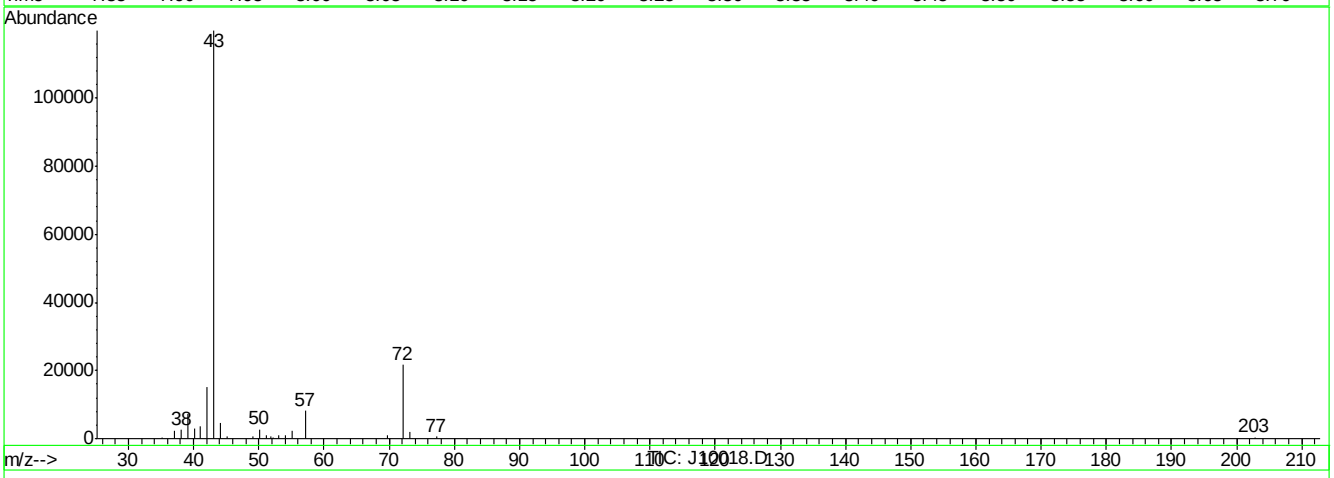
Quantitation Report (Qedit)

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

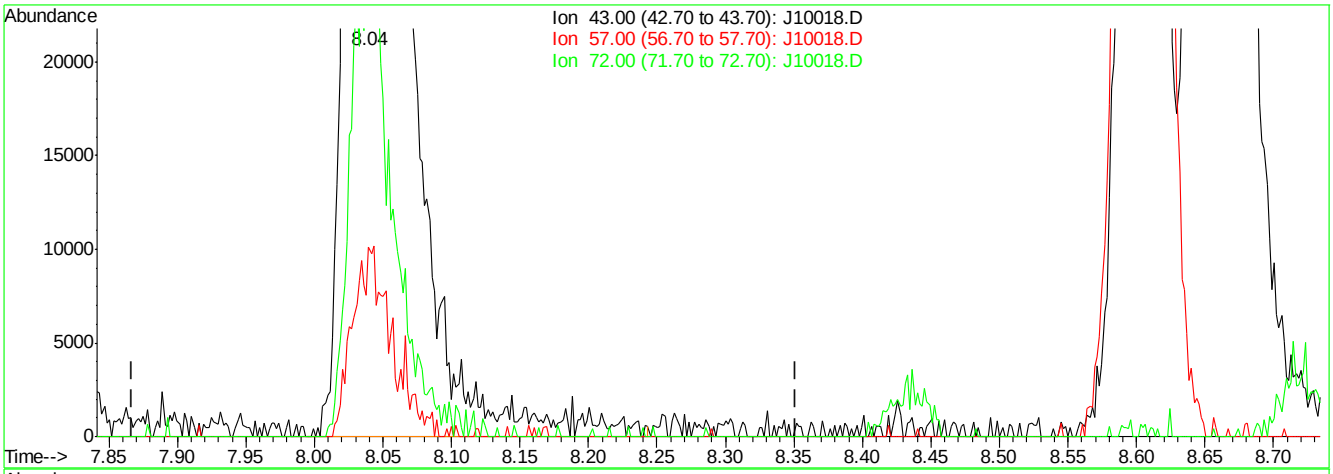
J10018.D J040507T.M Fri Apr 13 10:53:13 2007

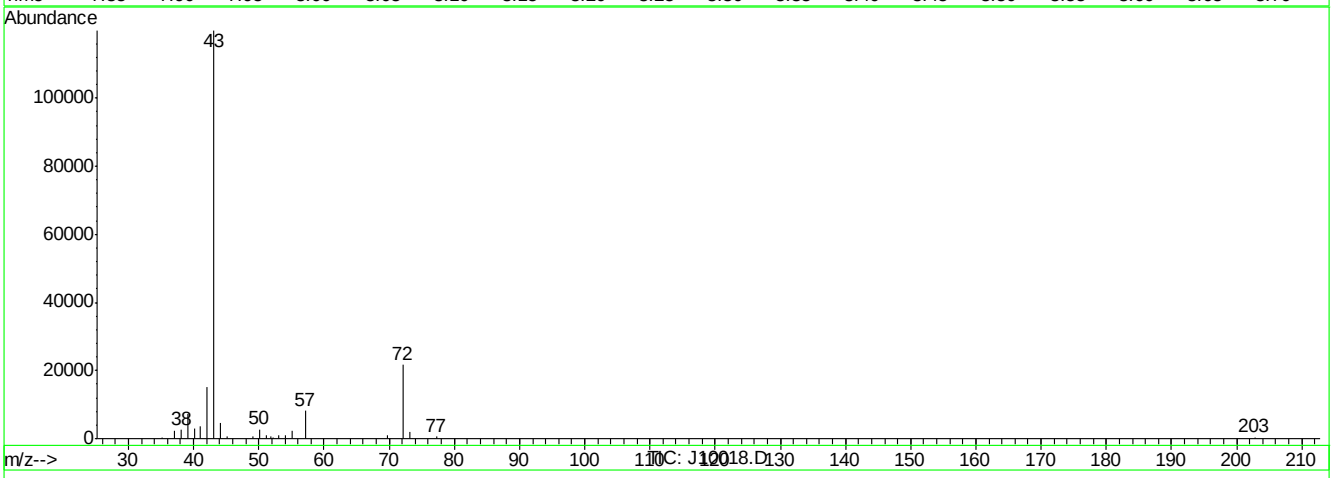
Quantitation Report (Qedit)

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

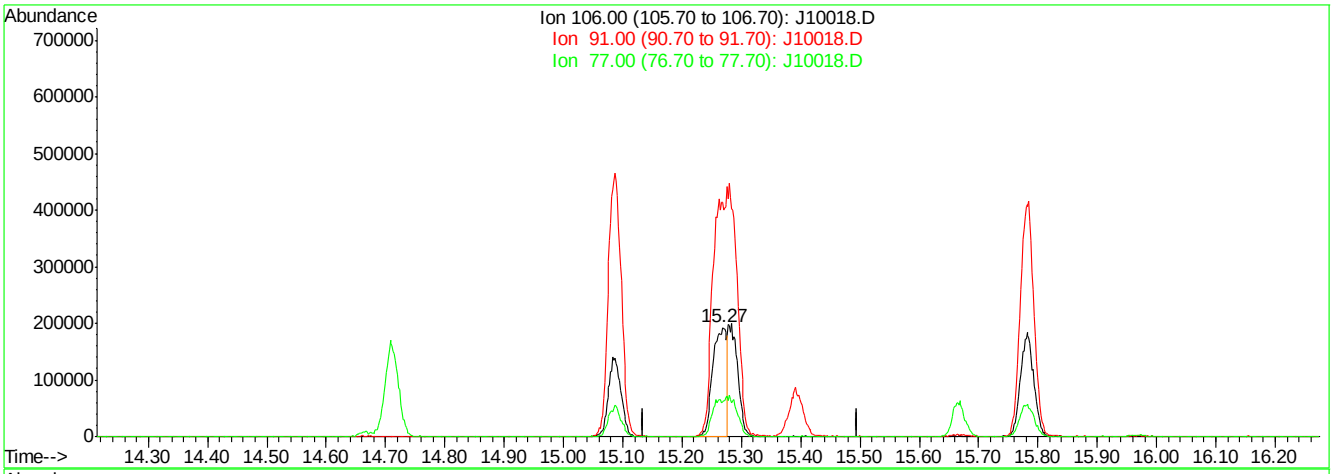
J10018.D J040507T.M Fri Apr 13 10:53:19 2007

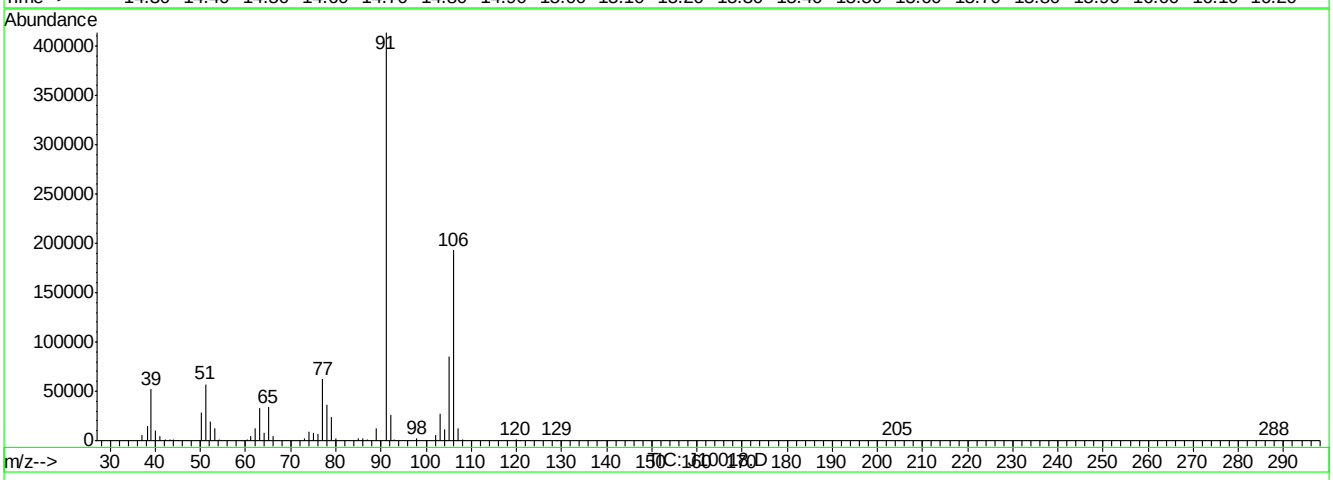
Quantitation Report (Qedit)

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

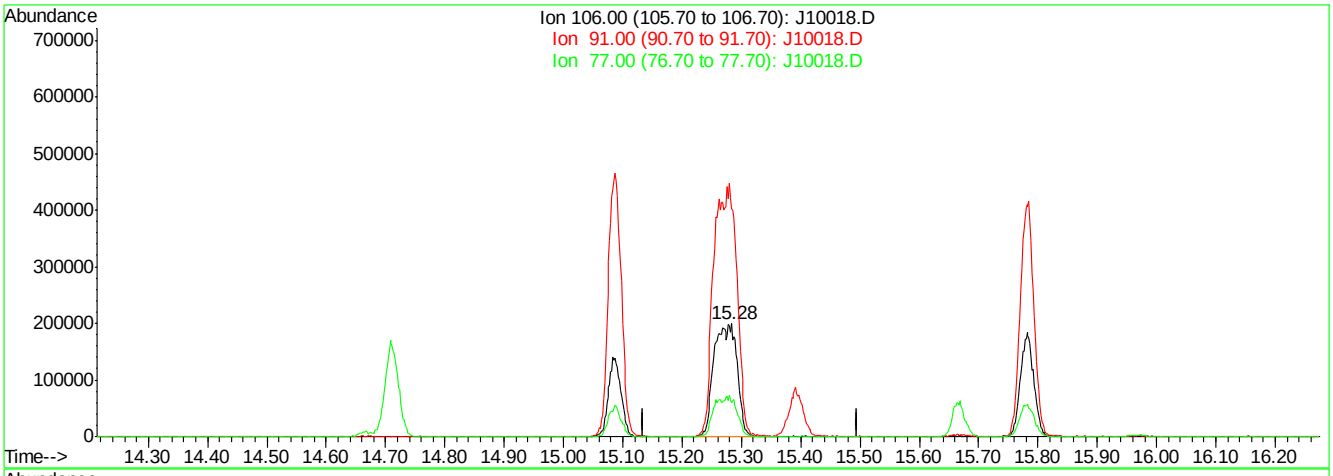
J10018.D J040507T.M Fri Apr 13 10:53:25 2007

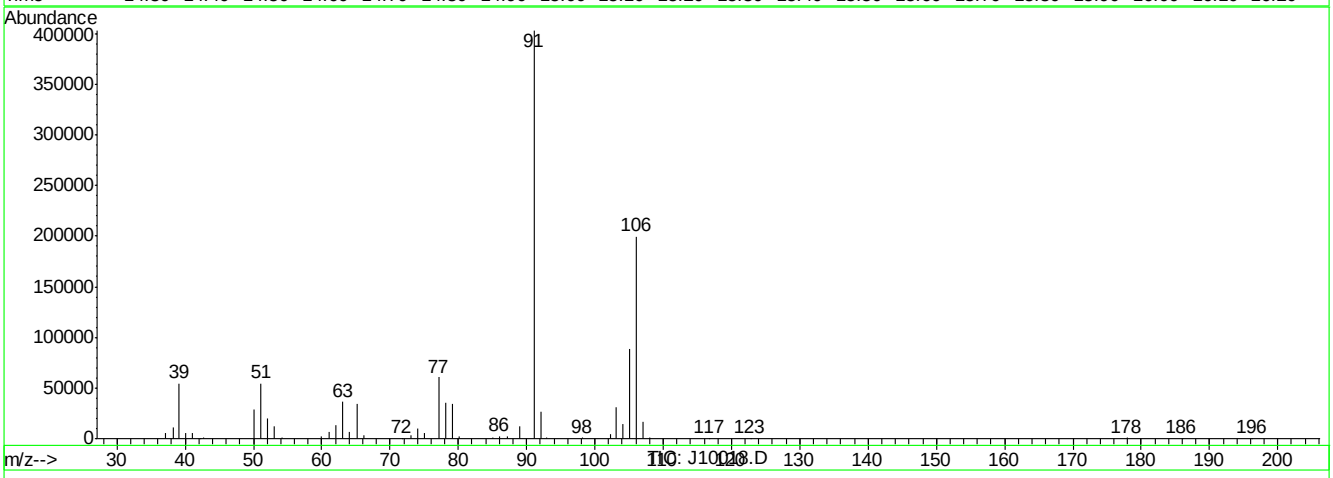
Quantitation Report (Qedit)

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

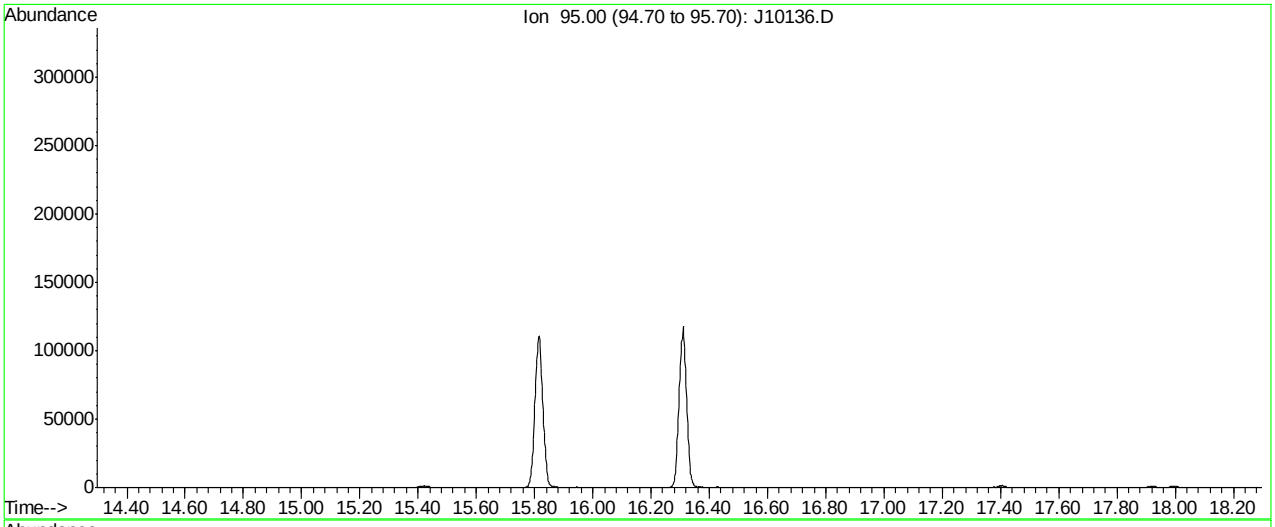
J10018.D J040507T.M Fri Apr 13 10:53:28 2007

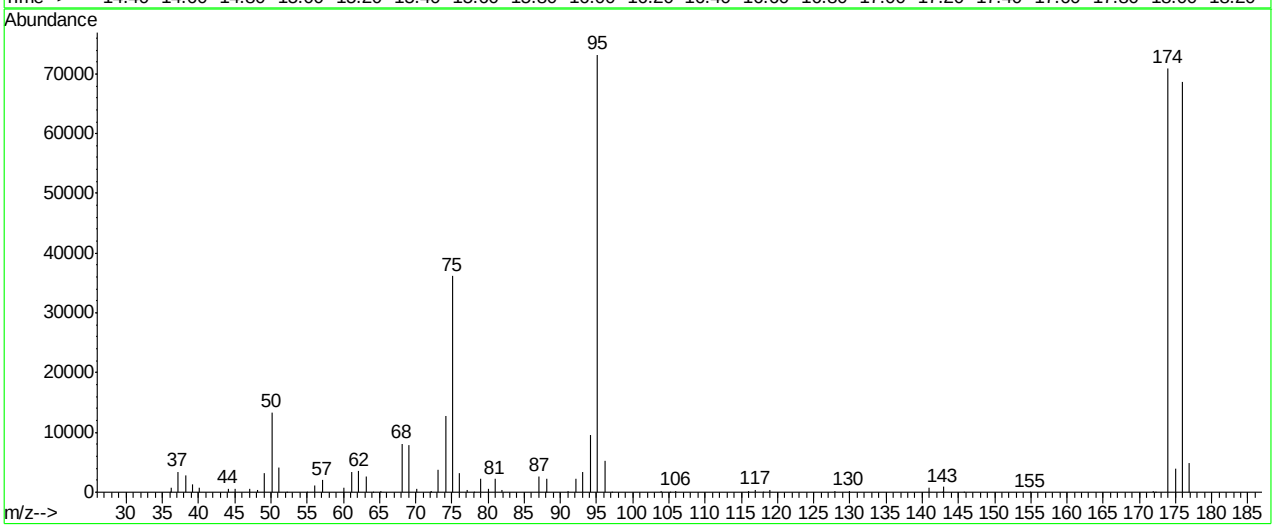
BFB

Data File : C:\MSDChem\1\data\J10136.D
Acq On : 26 Apr 2007 12:02 pm
Sample : IC525-40 (M132)
Misc : MS13434, MSJ525,,,,,1
MS Integration Params: LSCINT.P

Vial: 4
Operator: danat
Inst : MSJ
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.288 to 16.308 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	18.2	13331	PASS
75	95	30	66	49.4	36176	PASS
95	95	100	100	100.0	73247	PASS
96	95	5	9	7.3	5344	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	96.9	70950	PASS
175	174	4	9	5.6	3969	PASS
176	174	93	101	96.7	68623	PASS
177	176	5	9	7.1	4840	PASS

J10136.D J042607T.M Fri Apr 27 08:33:21 2007

Average of 16.288 to 16.308 min.: J10136.D
IC525-40 (M132)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	35	50.15	13331	65.15	112	78.10	88
36.15	792	51.10	4103	68.10	8071	79.05	2219
37.15	3458	52.10	38	69.10	7861	80.05	571
38.20	2897	55.00	67	70.10	531	80.95	2227
39.15	1291	56.10	1119	72.00	89	81.95	397
40.05	736	57.10	1989	72.15	149	87.05	2643
44.10	649	60.10	760	73.15	3691	87.90	69
45.10	566	61.10	3453	74.10	12708	88.05	2305
47.10	508	62.10	3536	75.10	36176	91.05	186
48.10	365	63.10	2667	76.10	3181	92.10	2211
49.15	3159	64.15	72	77.05	395	93.10	3419

Average of 16.288 to 16.308 min.: J10136.D
IC525-40 (M132)

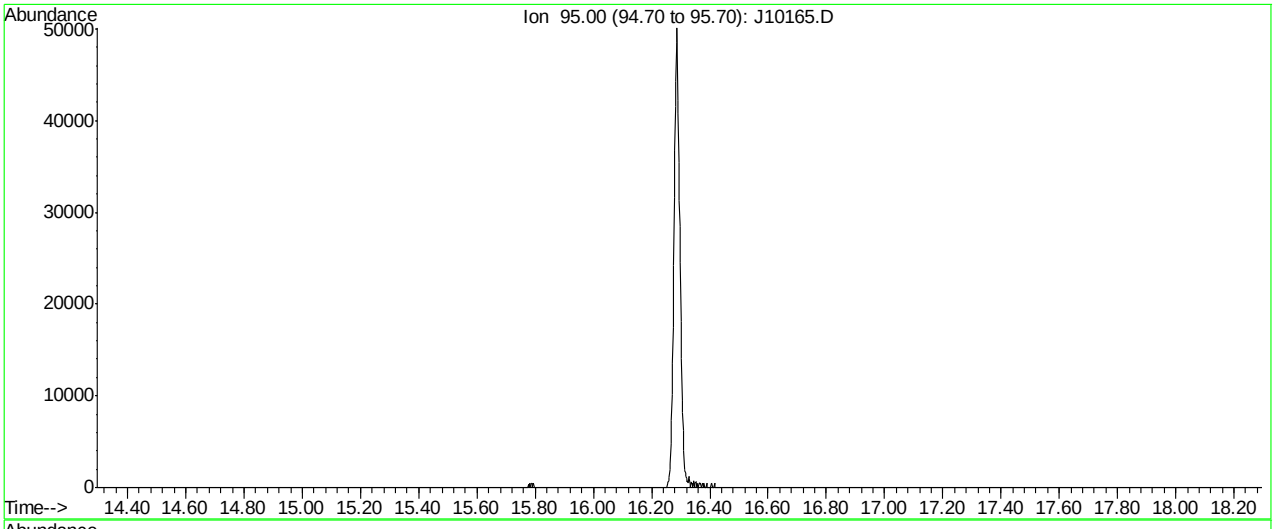
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
94.15	9586	128.00	116	176.00	68623		
95.10	73247	129.90	226	176.95	4840		
96.10	5344	140.95	832				
97.10	43	142.80	74				
103.95	211	142.95	905				
105.10	38	145.80	34				
105.95	286	154.90	41				
115.95	164	171.95	247				
116.95	436	172.20	59				
117.95	77	174.00	70950				
118.95	408	175.05	3969				

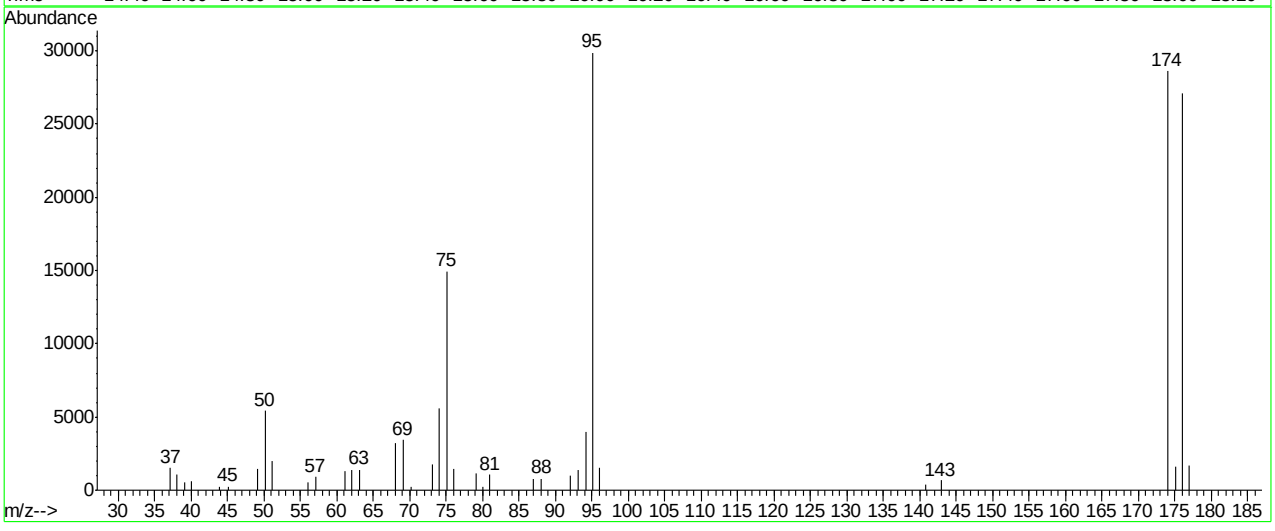
BFB

Data File : C:\MSDChem\1\data\J10165.D
Acq On : 30 Apr 2007 9:28 am
Sample : BFB (M050)
Misc : MS13445, MSJ526,,,,,1
MS Integration Params: LSCINT.P

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

Method : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.295 to 16.297 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	18.1	5420	PASS
75	95	30	66	50.0	14949	PASS
95	95	100	100	100.0	29888	PASS
96	95	5	9	5.0	1505	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	95.8	28624	PASS
175	174	4	9	5.6	1612	PASS
176	174	93	101	94.8	27124	PASS
177	176	5	9	6.3	1699	PASS

J10165.D J042607T.M Mon Apr 30 14:41:03 2007

Average of 16.295 to 16.297 min.: J10165.D
CC525-10 (M050)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.15	1498	61.10	1271	80.00	226	174.00	28624
38.05	1103	62.10	1353	81.00	1040	175.10	1612
39.10	568	63.10	1386	87.00	750	176.00	27124
40.05	594	68.10	3205	88.05	783	177.00	1699
43.90	200	69.10	3429	92.05	978		
45.10	249	70.20	222	93.10	1343		
49.10	1446	73.10	1750	94.20	4011		
50.15	5420	74.10	5560	95.10	29888		
51.10	1984	75.10	14949	96.10	1505		
56.05	513	76.05	1468	140.90	357		
57.05	891	79.05	1120	142.95	658		

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

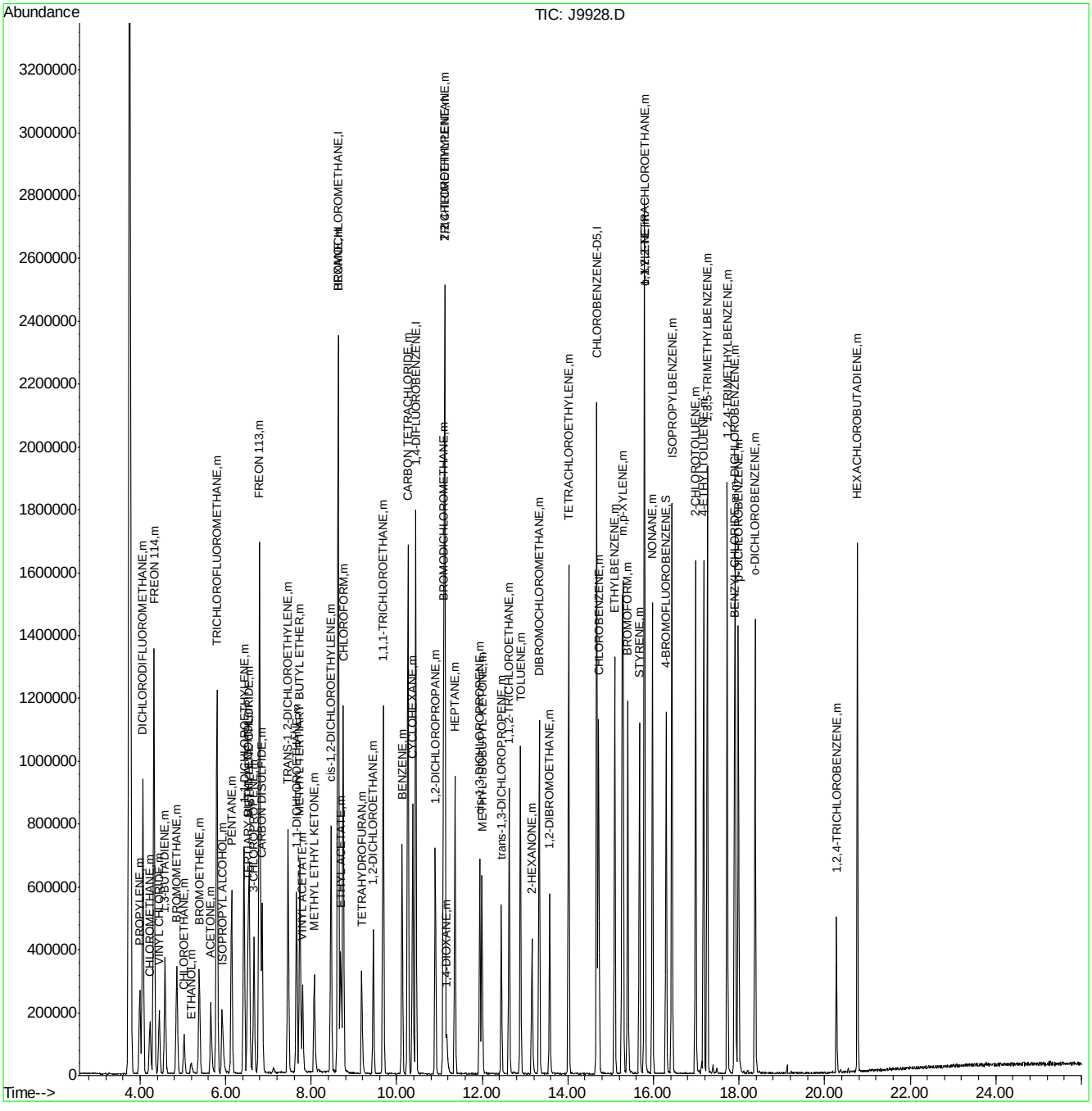
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.99	43	440292	8.34	PPBV	91
45) cis-1,3-DICHLOROPROPENE	11.94	75	298861	8.12	PPBV	88
46) TOLUENE	12.89	92	370229	6.99	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.44	75	241921	7.53	PPBV	88
48) 1,1,2-TRICHLOROETHANE	12.63	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



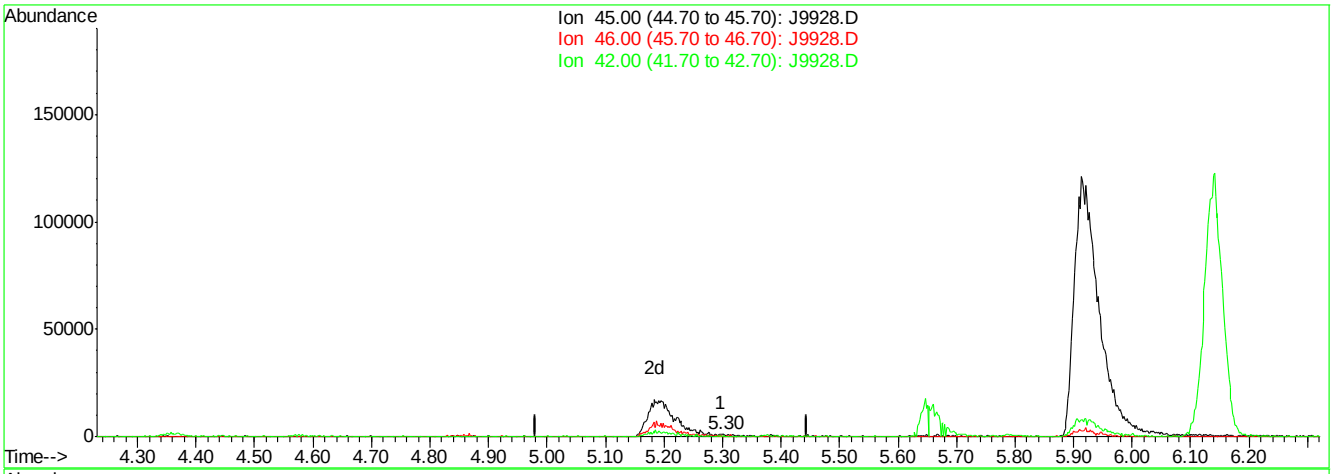
J040407T.M Thu Apr 05 13:47:56 2007 Page: 3

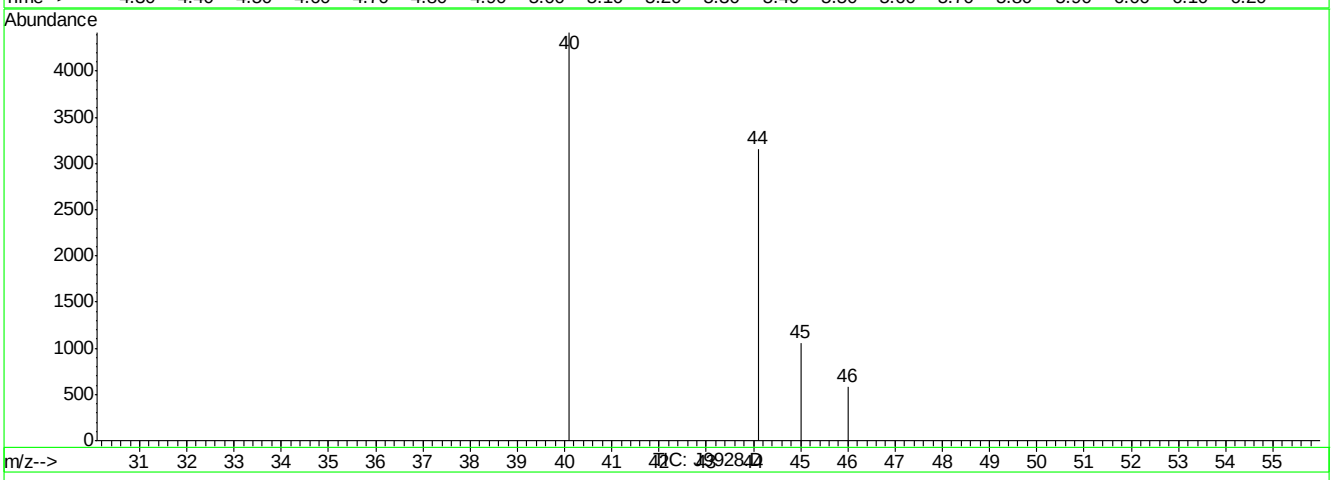
Quantitation Report (Qedit)

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

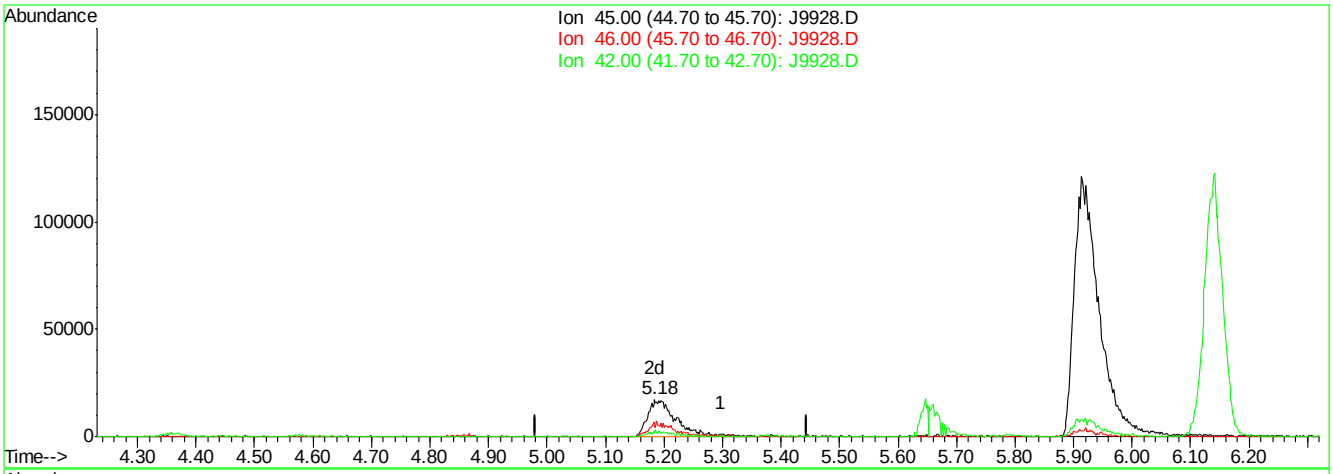
J9928.D J040407T.M Thu Apr 05 13:47:05 2007

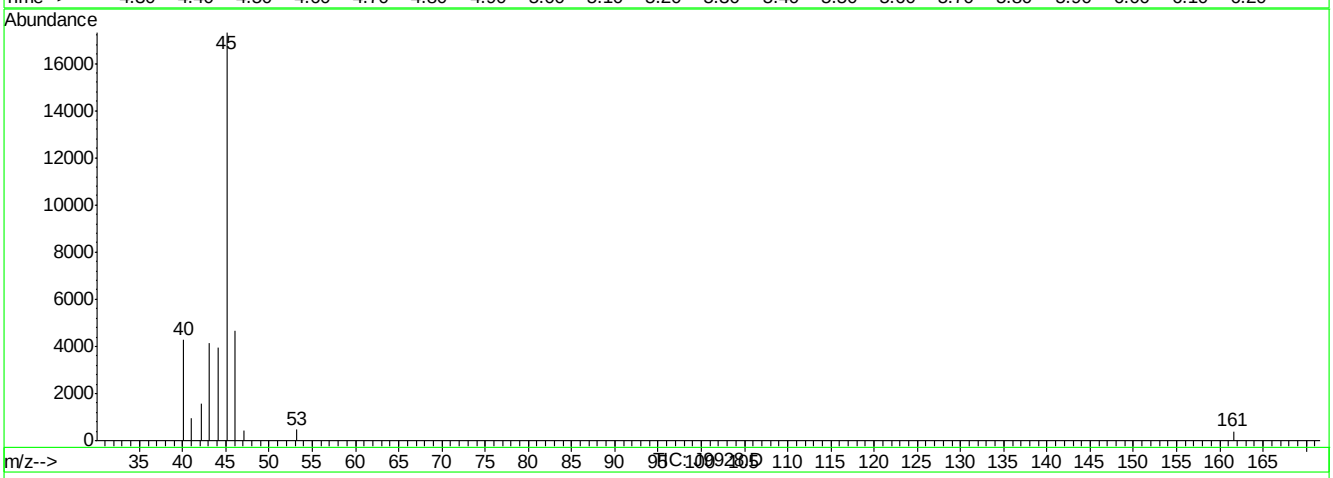
Quantitation Report (Qedit)

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

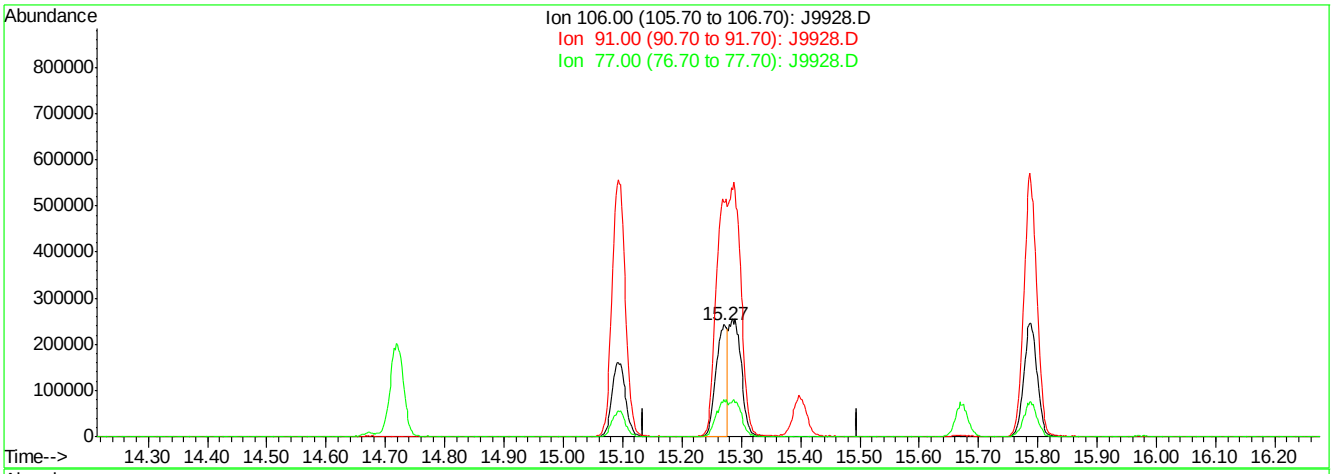
J9928.D J040407T.M Thu Apr 05 13:47:09 2007

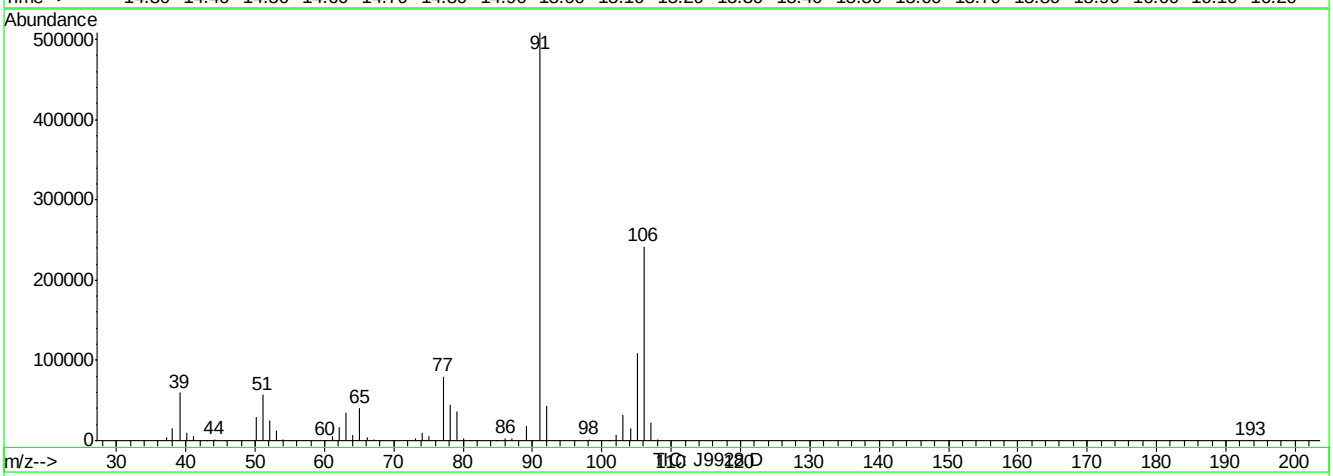
Quantitation Report (Qedit)

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

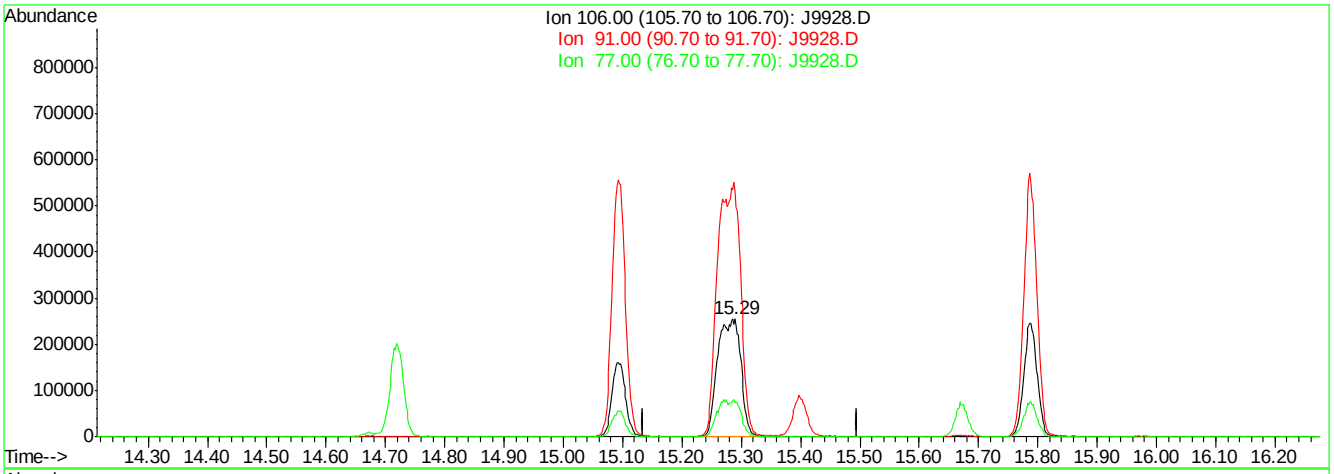
J9928.D J040407T.M Thu Apr 05 13:47:33 2007

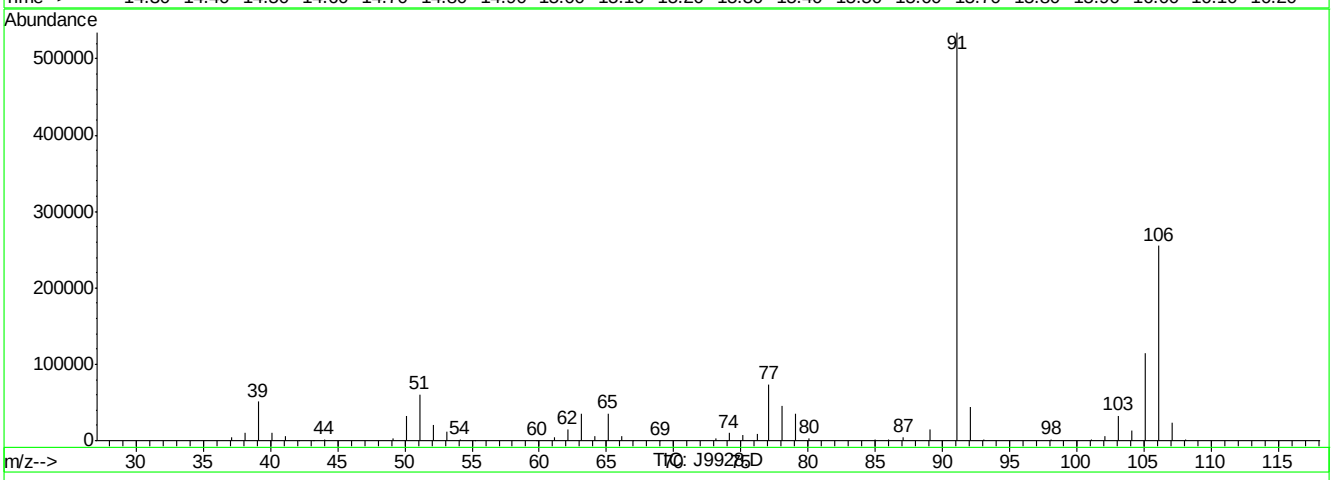
Quantitation Report (Qedit)

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

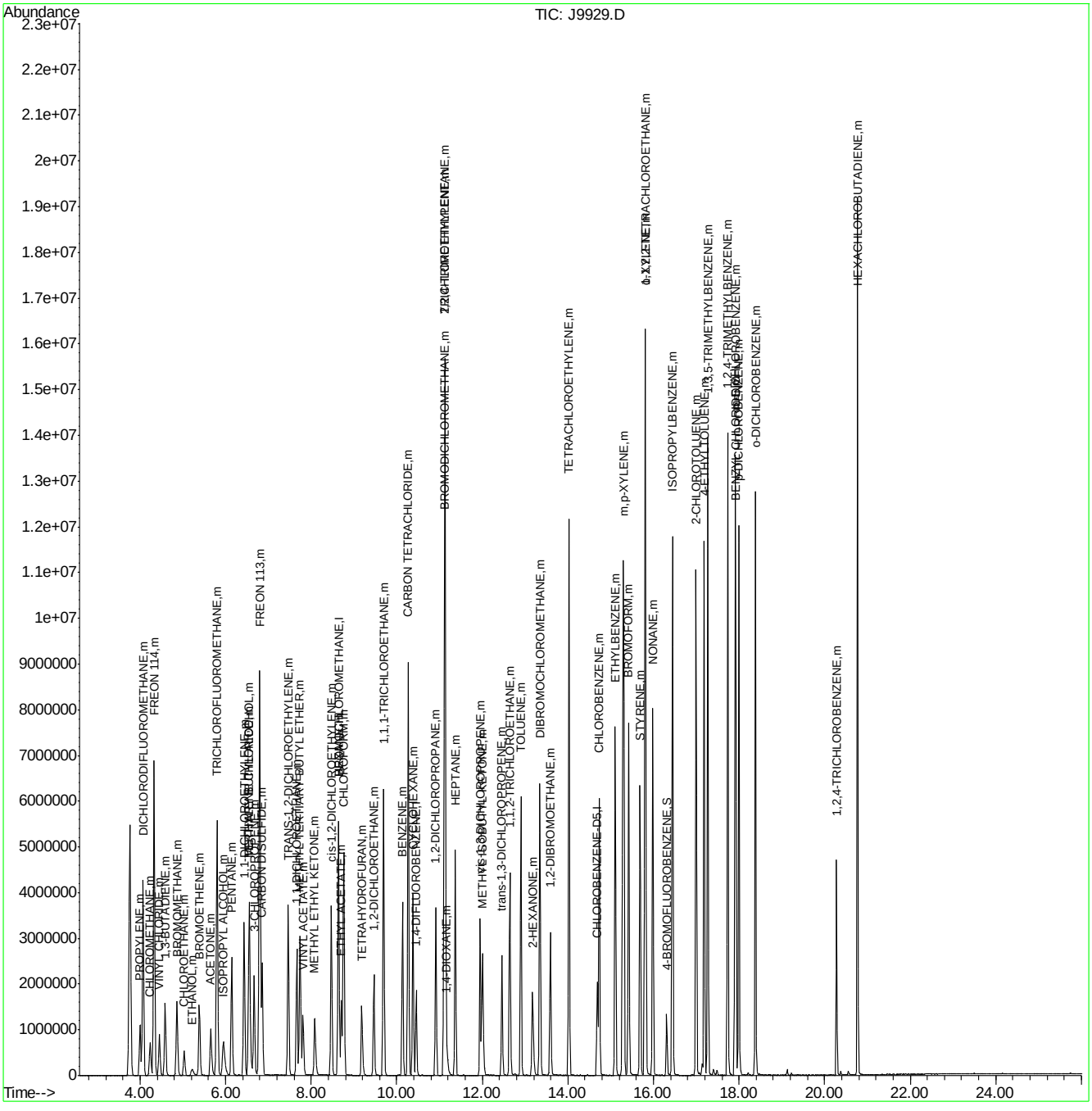
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.00	43	2403351	43.62	PPBV	94
45) cis-1,3-DICHLOROPROPENE	11.95	75	1676101	44.16	PPBV	89
46) TOLUENE	12.90	92	2410137	47.08	PPBV	97
47) trans-1,3-DICHLOROPROPENE	12.46	75	1461379	45.62	PPBV	90
48) 1,1,2-TRICHLOROETHANE	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



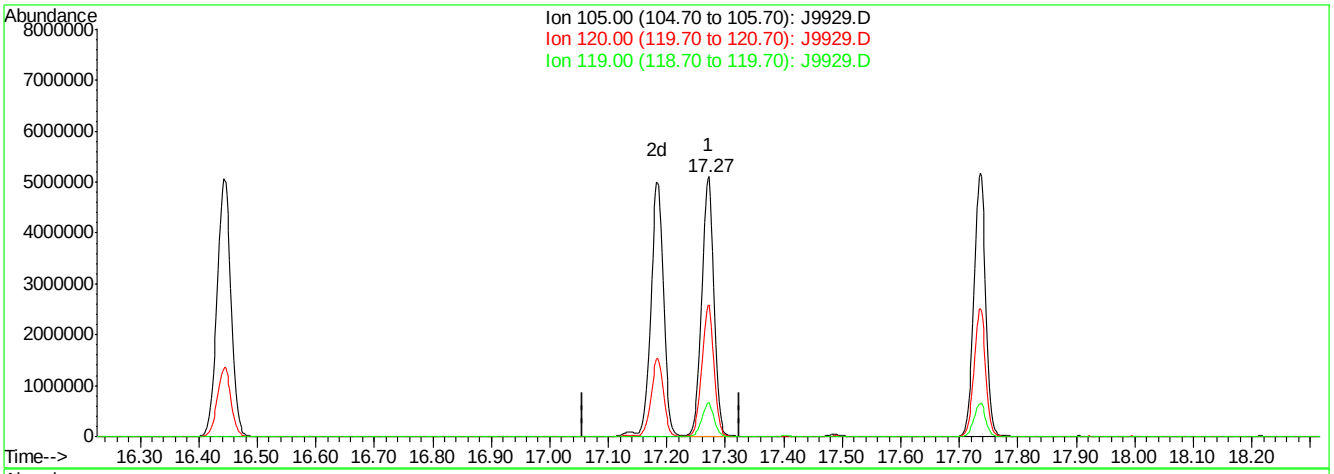
ACCUTEST Laboratories M64245

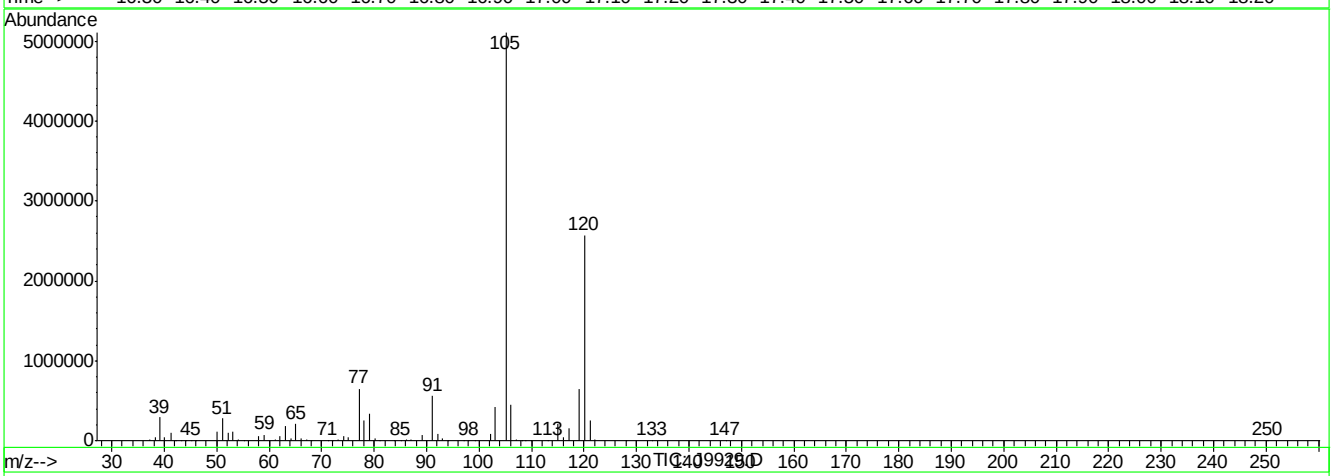
Quantitation Report (Qedit)

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

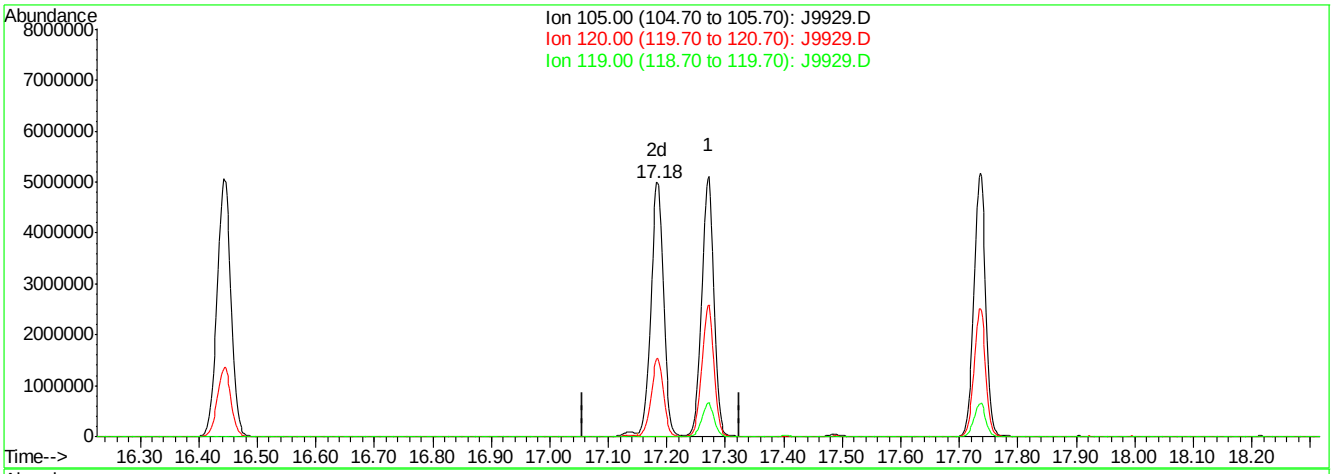
J9929.D J040407T.M Thu Apr 05 13:43:37 2007

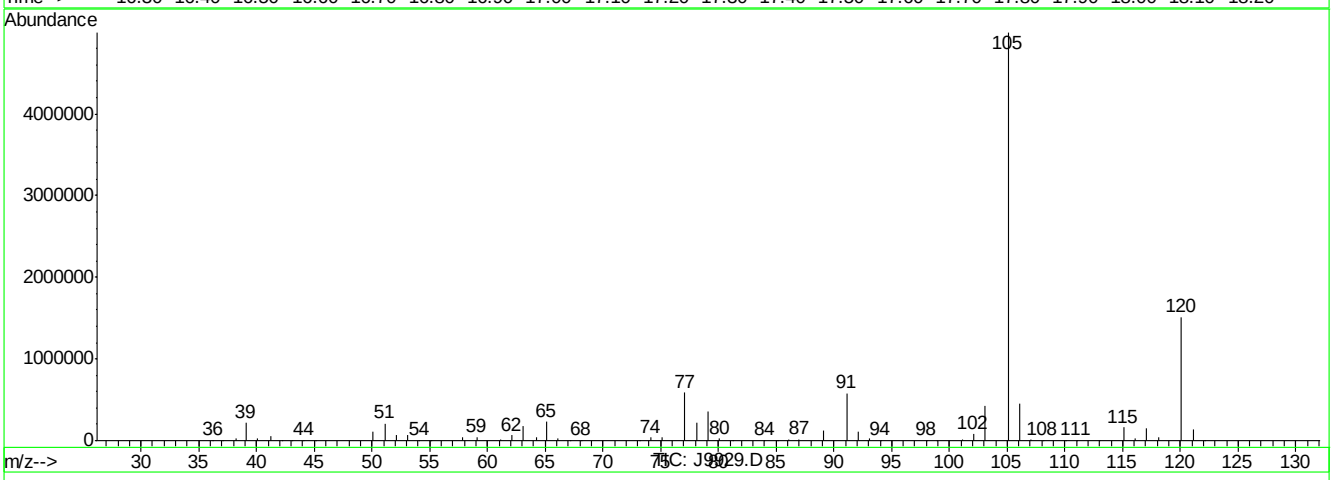
Quantitation Report (Qedit)

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

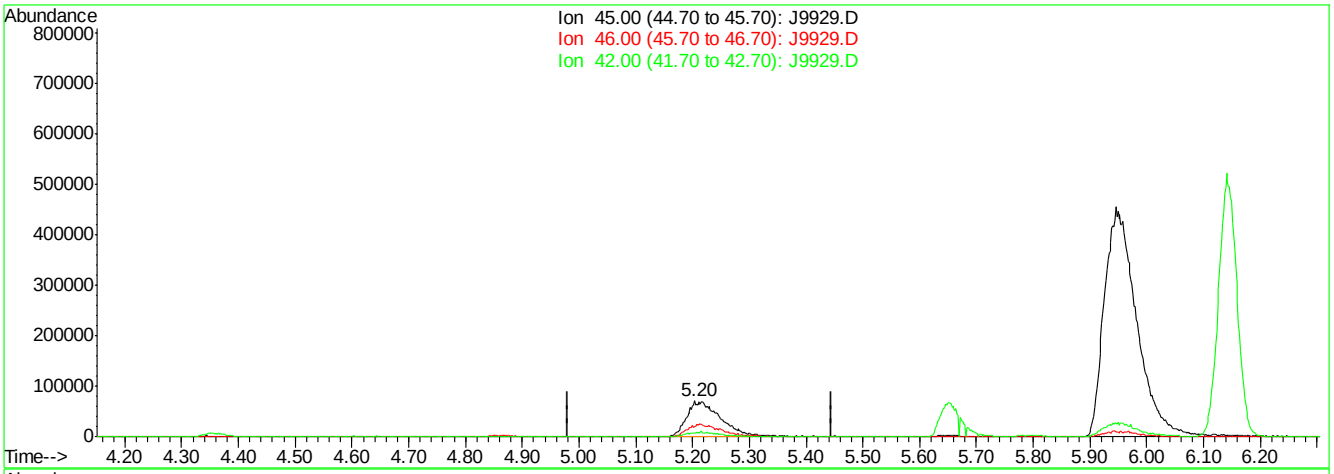
J9929.D J040407T.M Thu Apr 05 13:43:45 2007

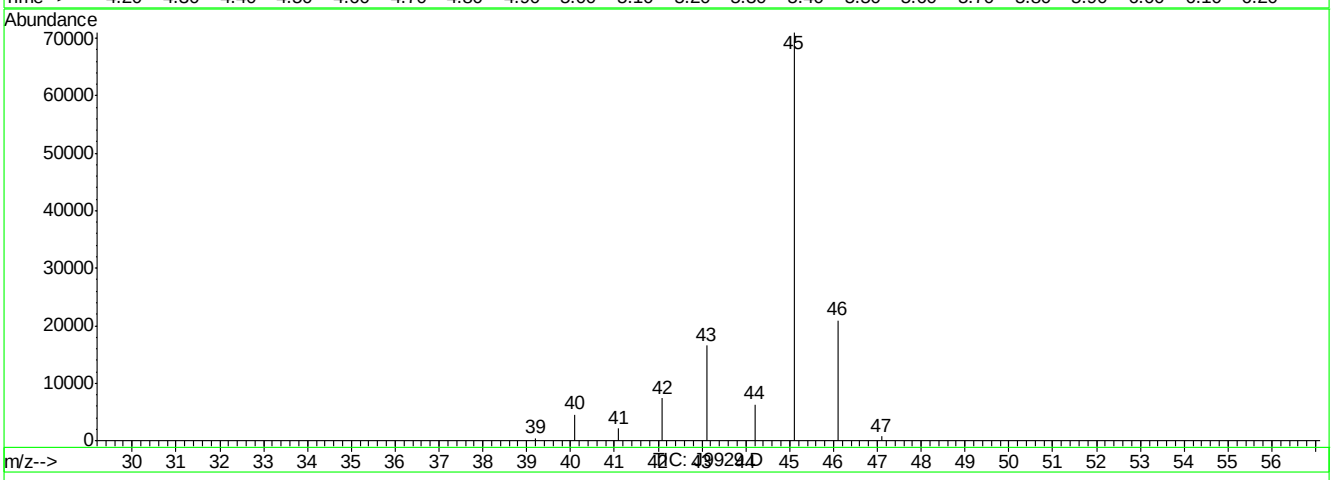
Quantitation Report (Qedit)

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

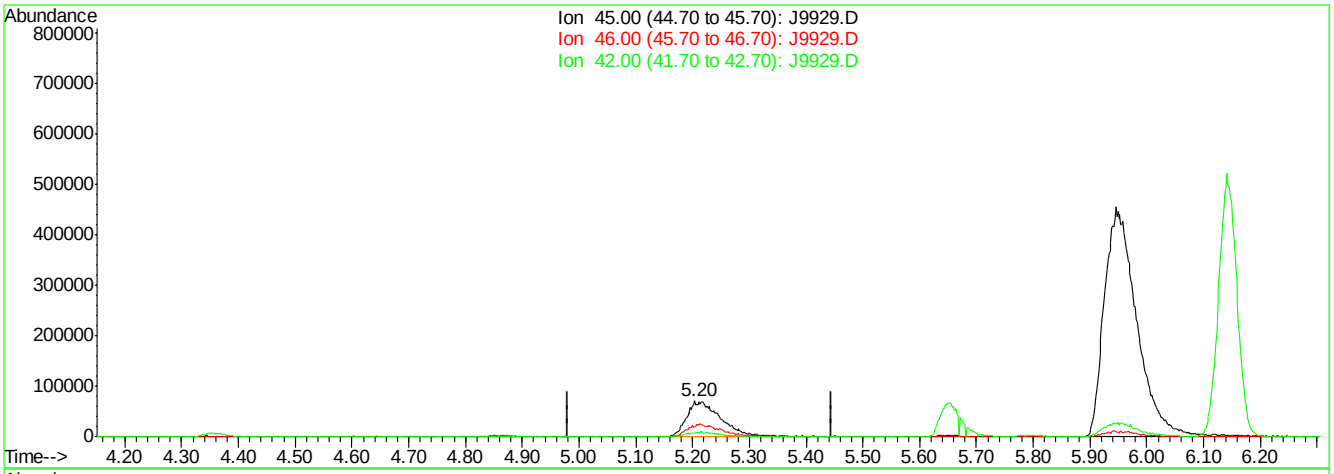
J9929.D J040507T.M Thu Apr 05 17:22:23 2007

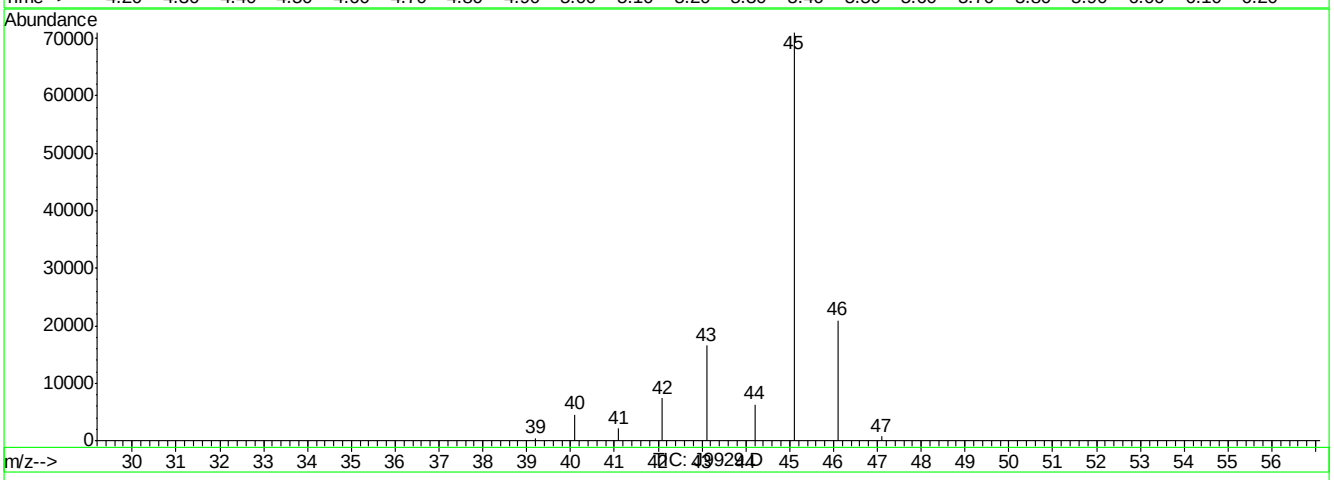
Quantitation Report (Qedit)

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

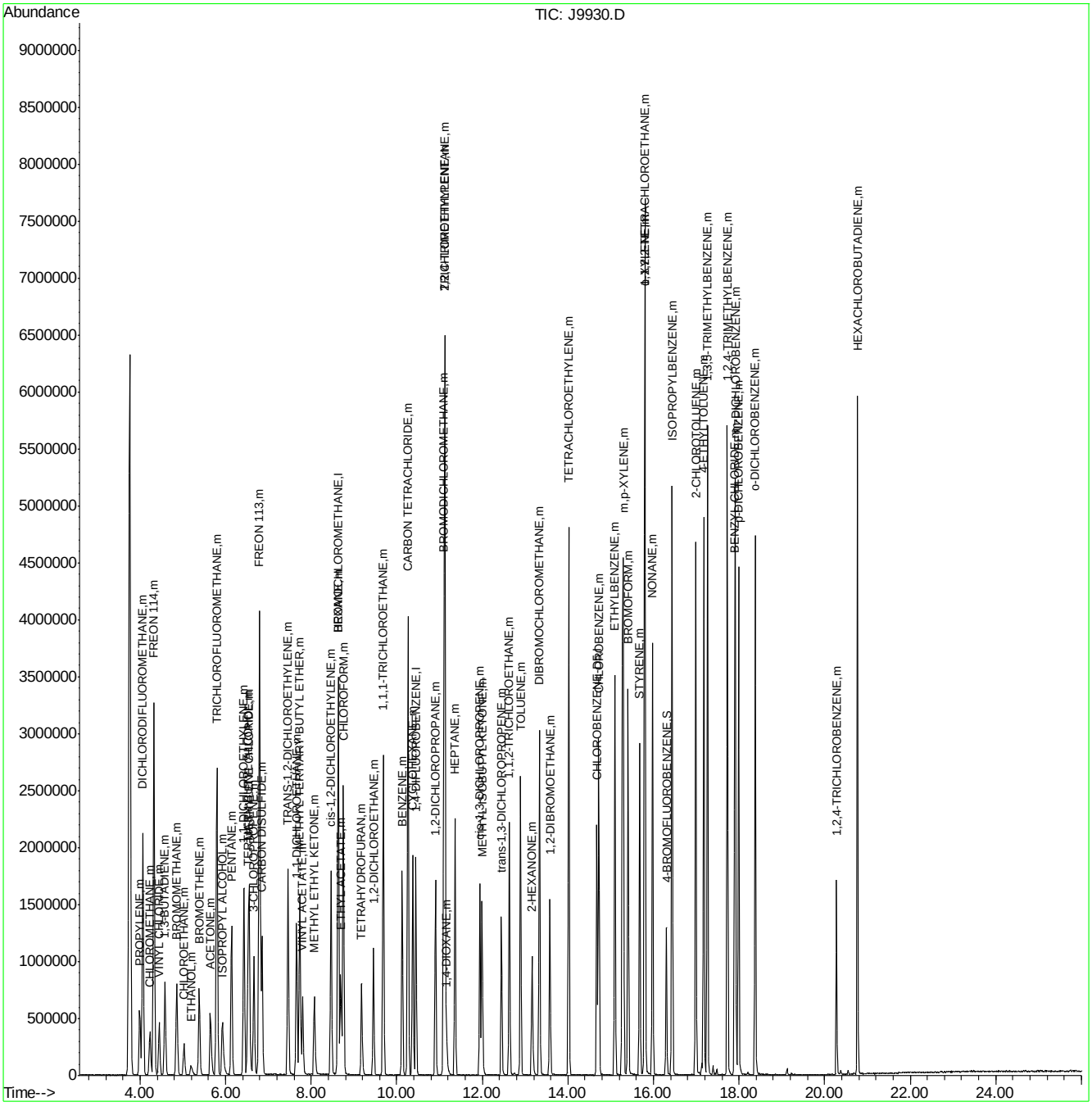
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.99	43	1156877	21.39 PPBV	93
45) cis-1,3-DICHLOROPROPENE	11.94	75	775941	20.83 PPBV	89
46) TOLUENE	12.89	92	984030	19.58 PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.45	75	665963	21.18 PPBV	90
48) 1,1,2-TRICHLOROETHANE	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



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

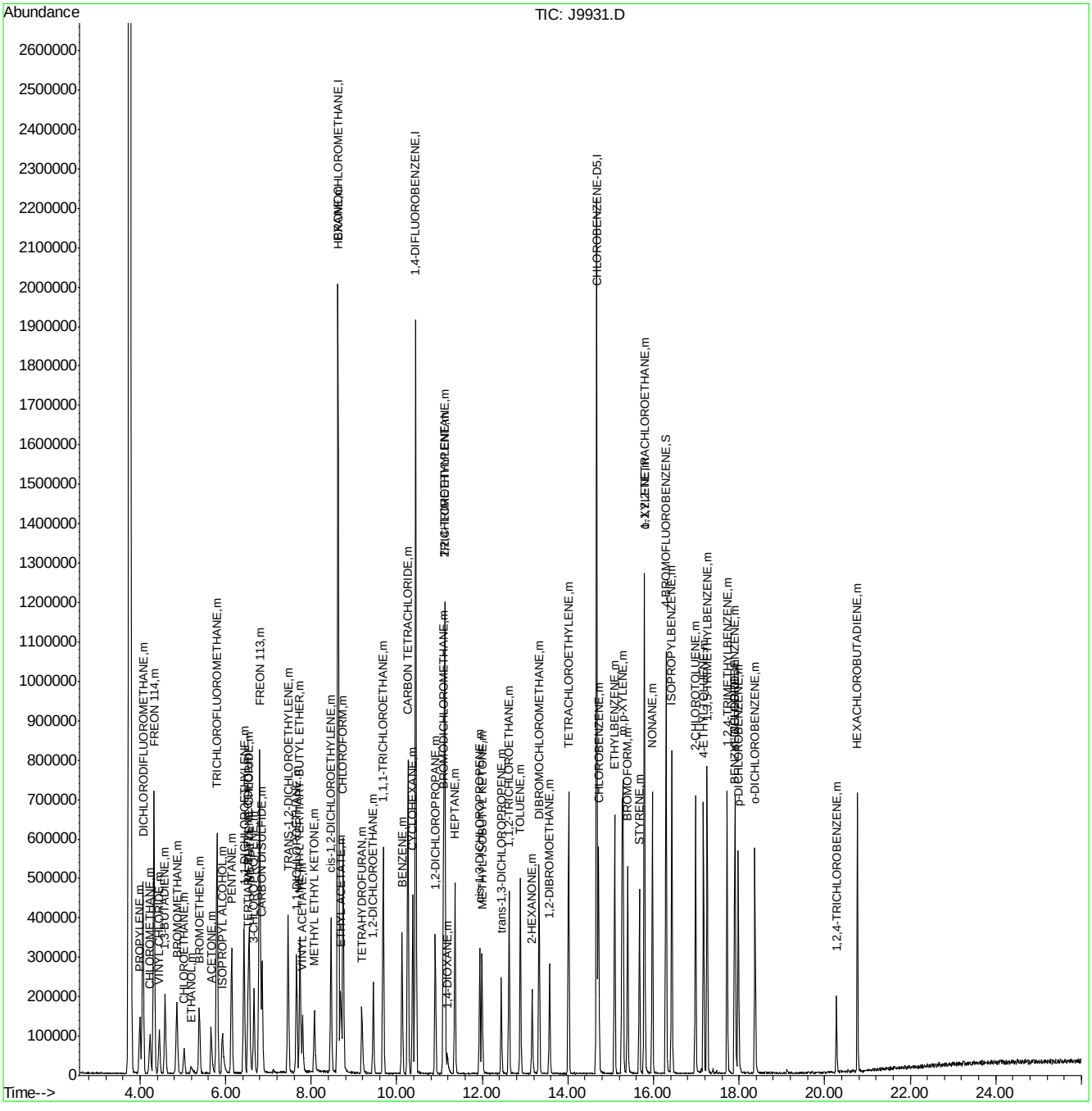
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.99	43	208520	3.94	PPBV	90
45) cis-1,3-DICHLOROPROPENE	11.94	75	136097	3.76	PPBV	87
46) TOLUENE	12.89	92	176179	3.69	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.44	75	108144	3.52	PPBV	86
48) 1,1,2-TRICHLOROETHANE	12.62	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

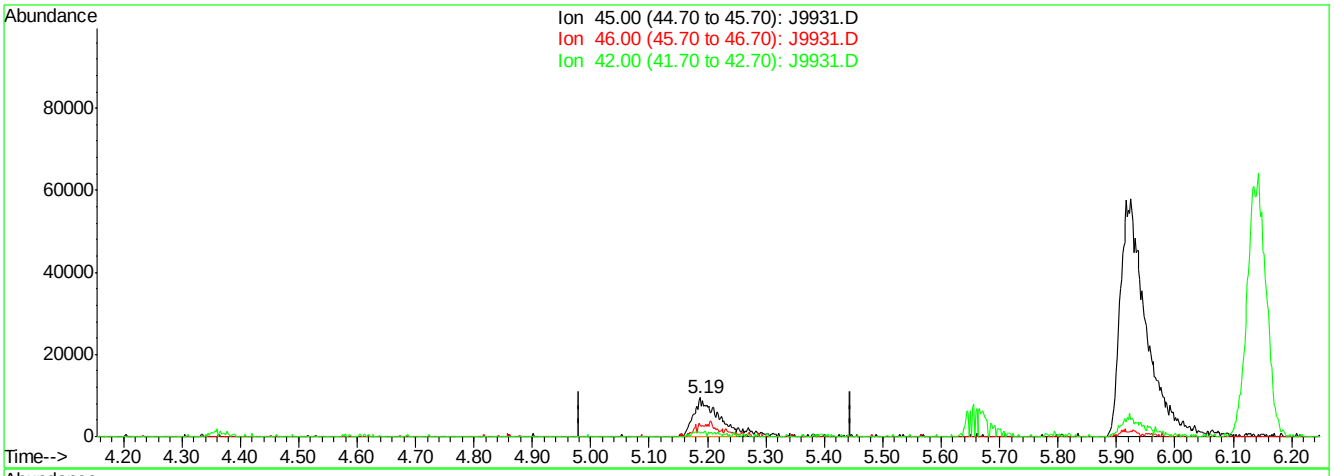


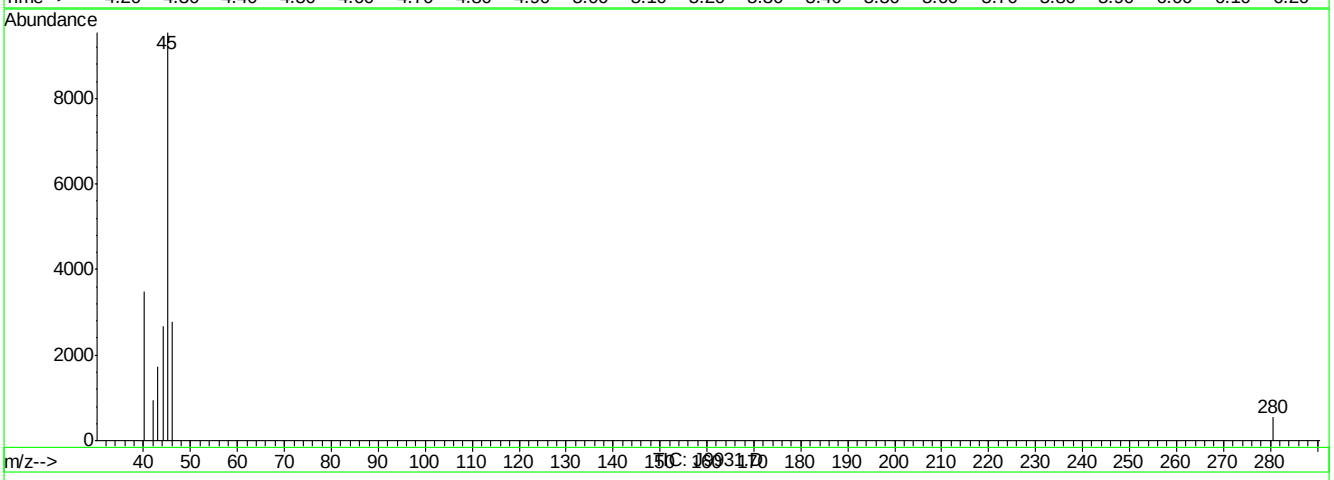
Quantitation Report (Qedit)

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

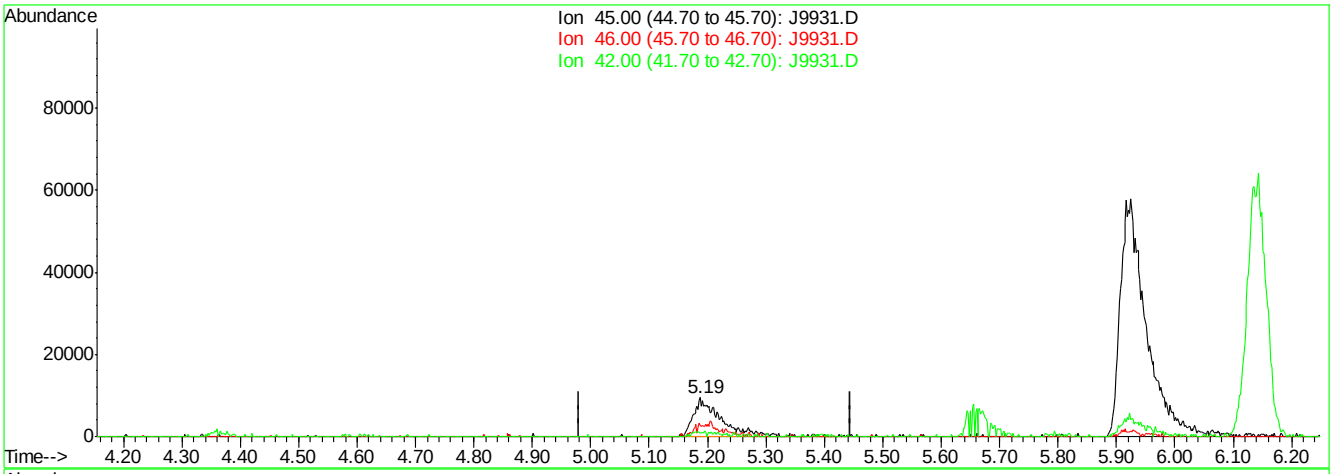
J9931.D J040407T.M Thu Apr 05 15:04:20 2007

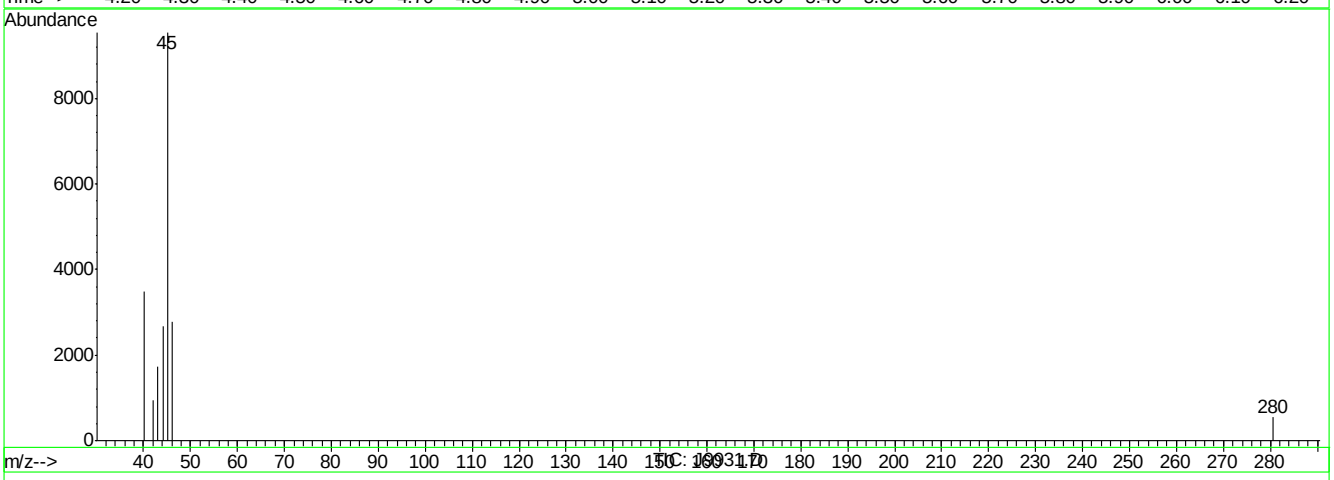
Quantitation Report (Qedit)

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

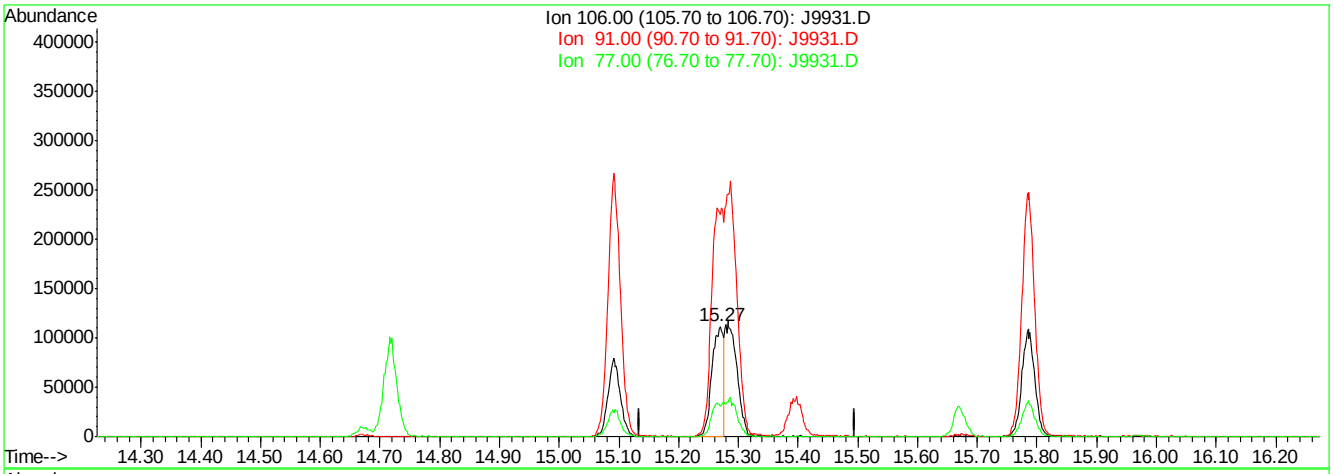
J9931.D J040407T.M Thu Apr 05 15:04:23 2007

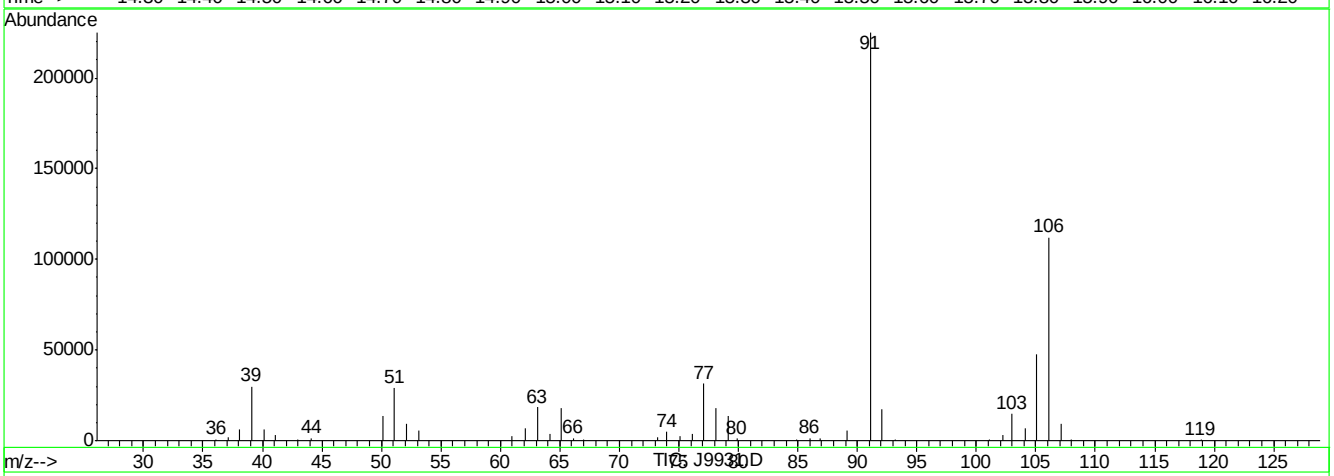
Quantitation Report (Qedit)

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

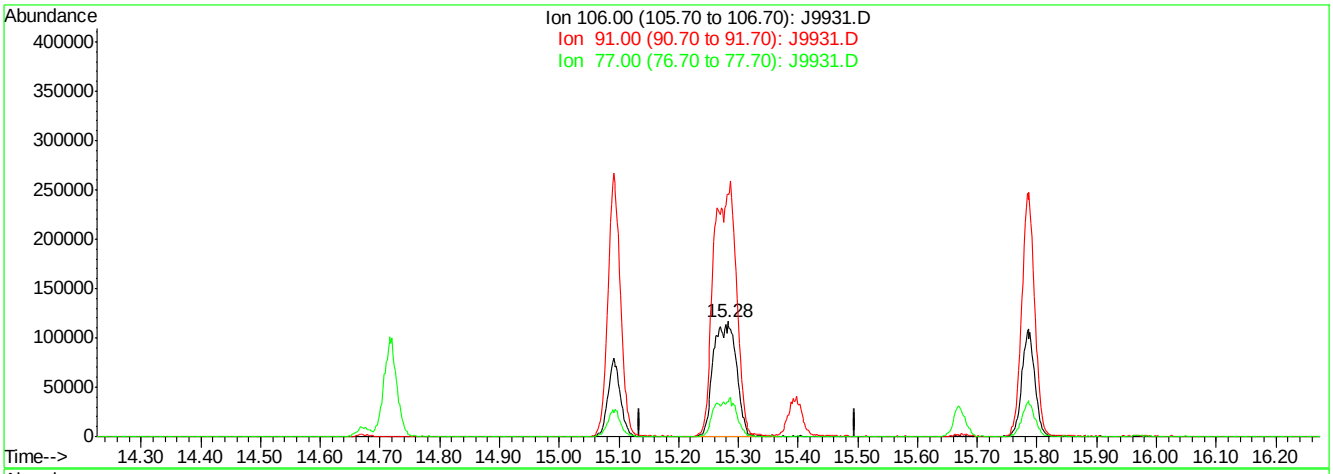
J9931.D J040407T.M Thu Apr 05 15:04:45 2007

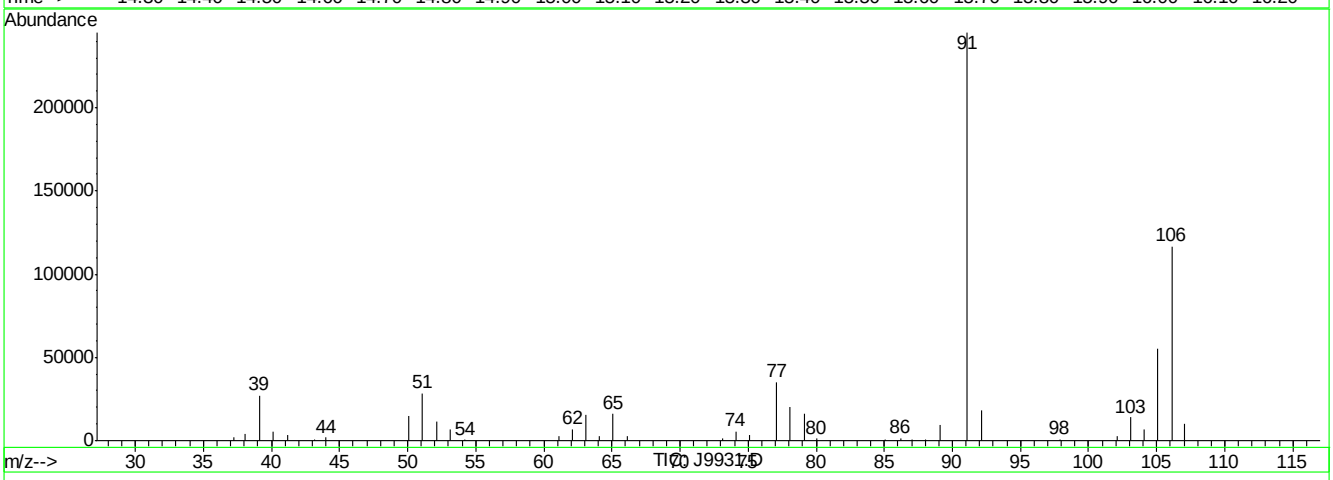
Quantitation Report (Qedit)

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

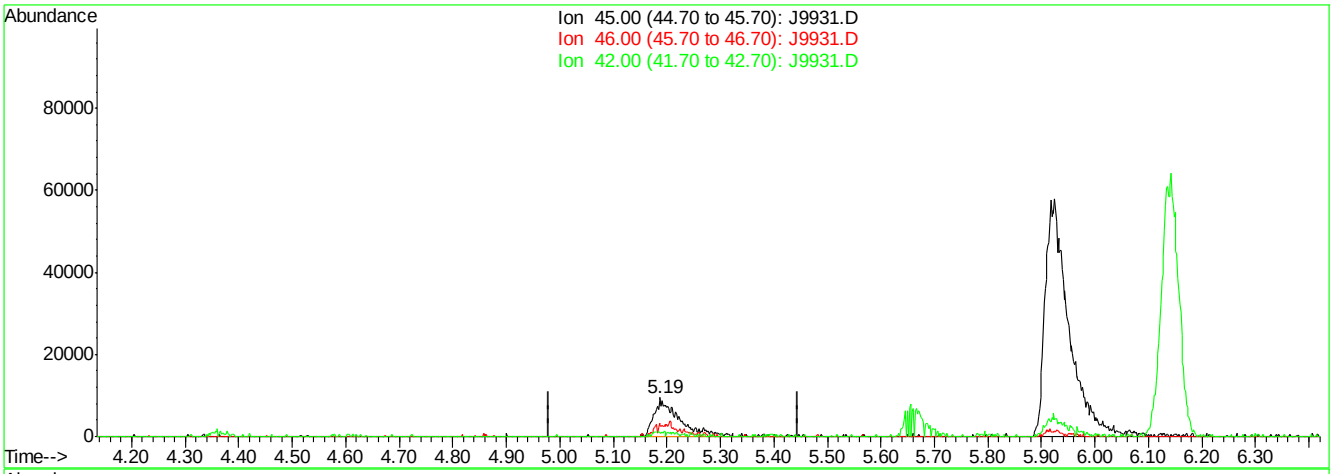
J9931.D J040407T.M Thu Apr 05 15:04:48 2007

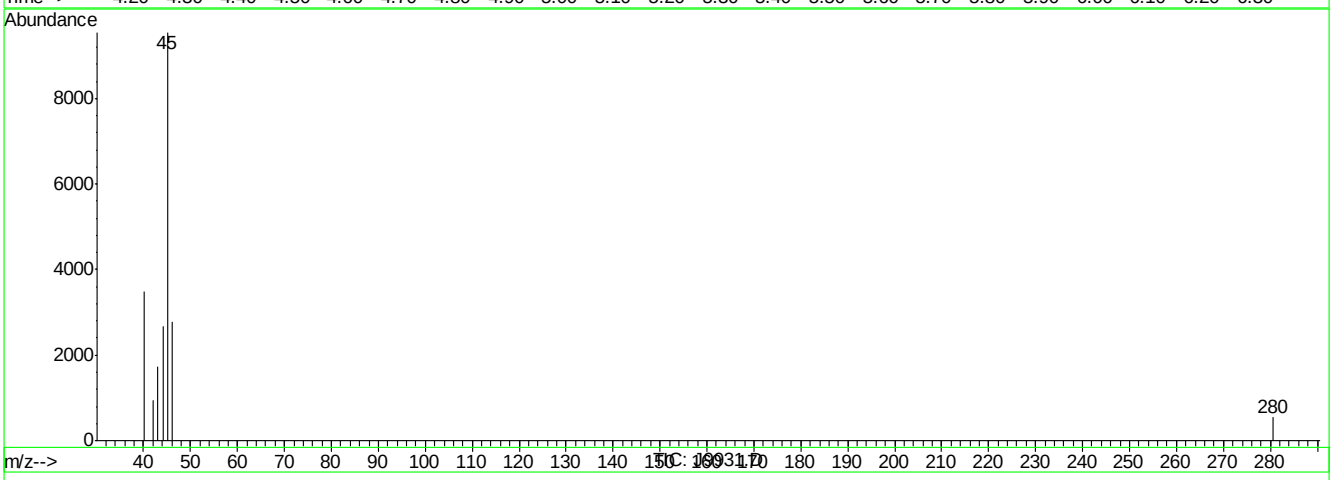
Quantitation Report (Qedit)

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

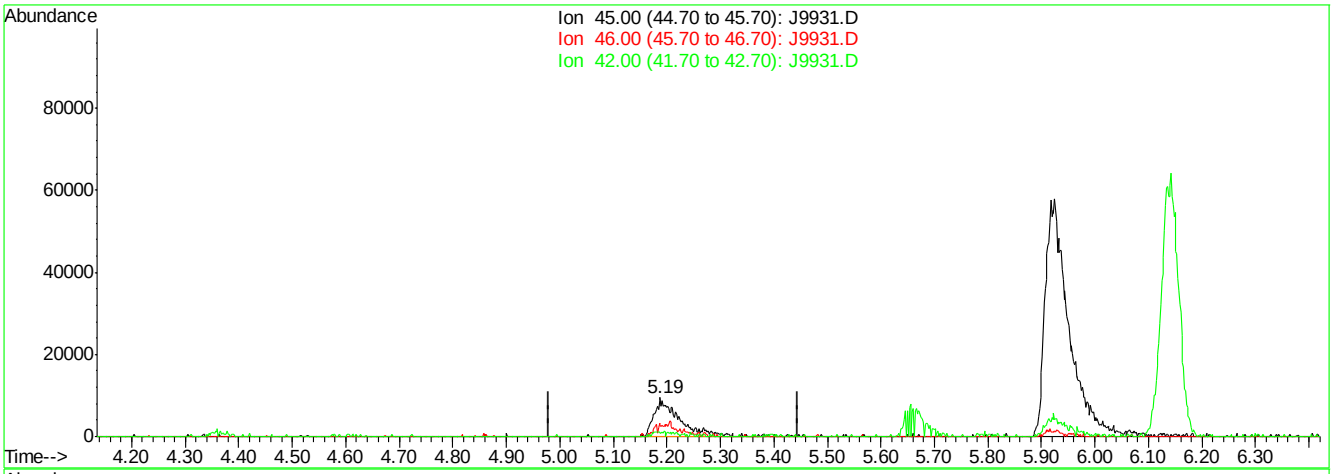
J9931.D J040507T.M Thu Apr 05 17:21:07 2007

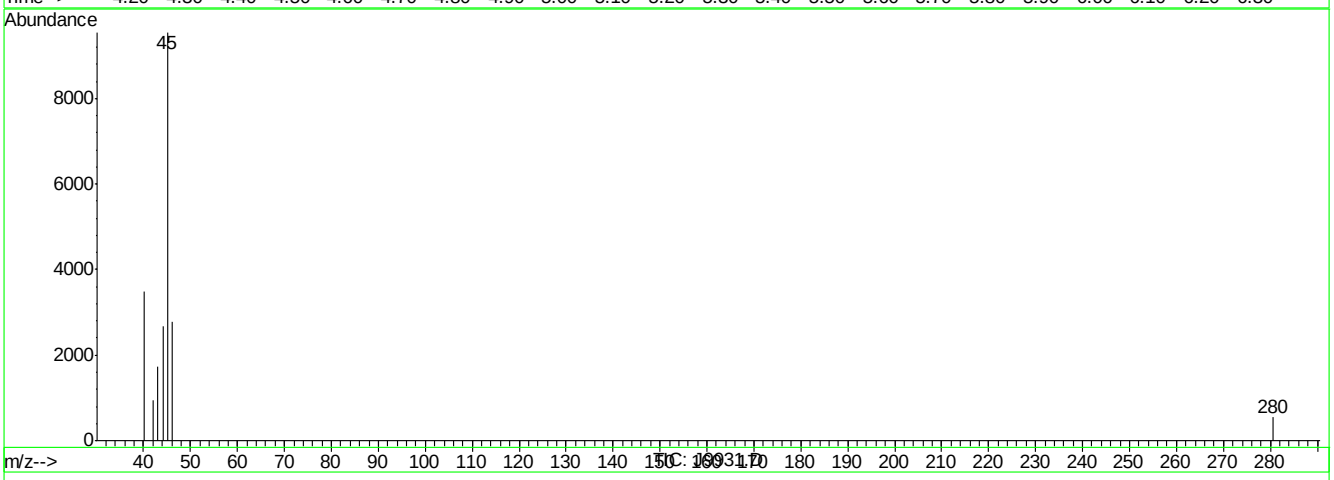
Quantitation Report (Qedit)

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

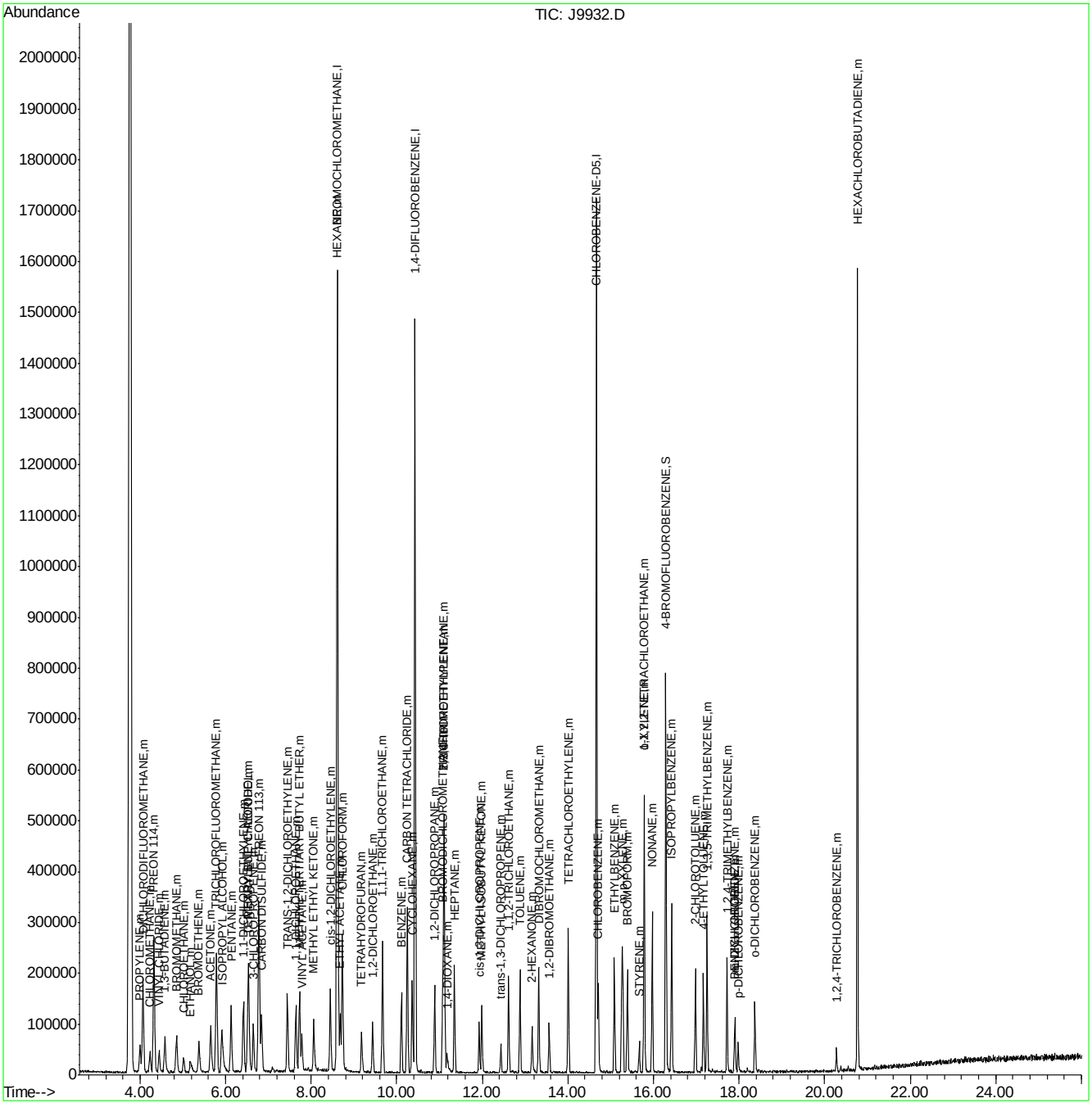
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.98	43	88268	2.31	PPBV	90
45) cis-1,3-DICHLOROPROPENE	11.93	75	41724	1.61	PPBV	87
46) TOLUENE	12.88	92	68342	2.01	PPBV	94
47) trans-1,3-DICHLOROPROPENE	12.43	75	25410	1.17	PPBV	83
48) 1,1,2-TRICHLOROETHANE	12.61	83	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



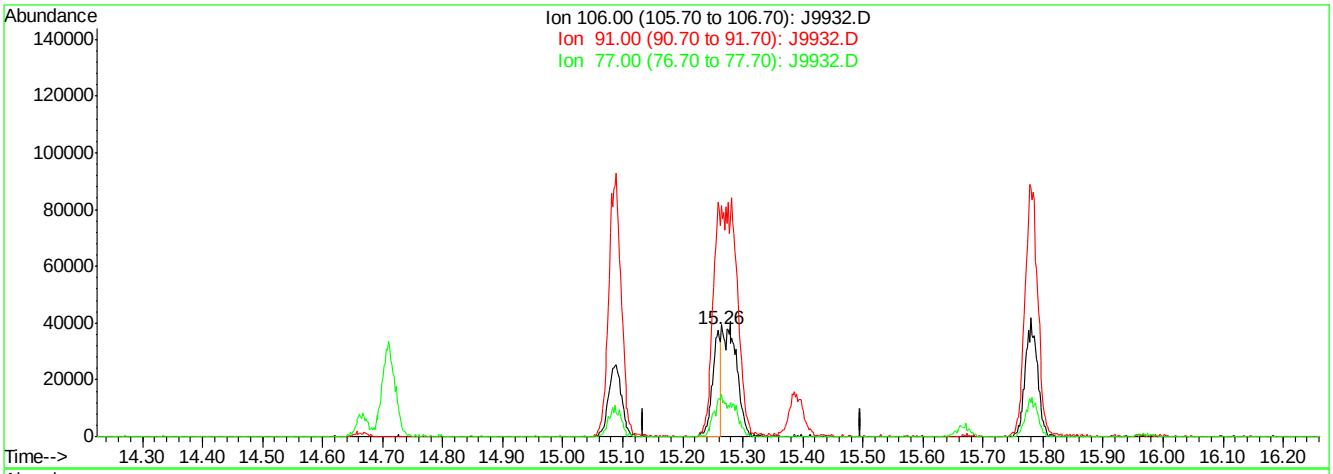
ACCUTEST Laboratories M64245

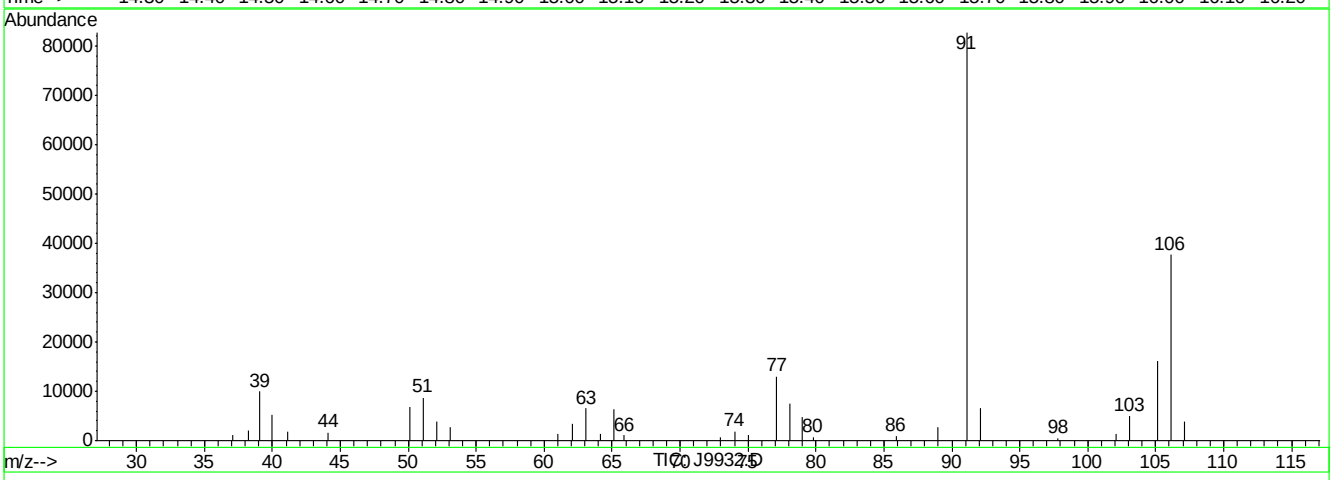
Quantitation Report (Qedit)

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

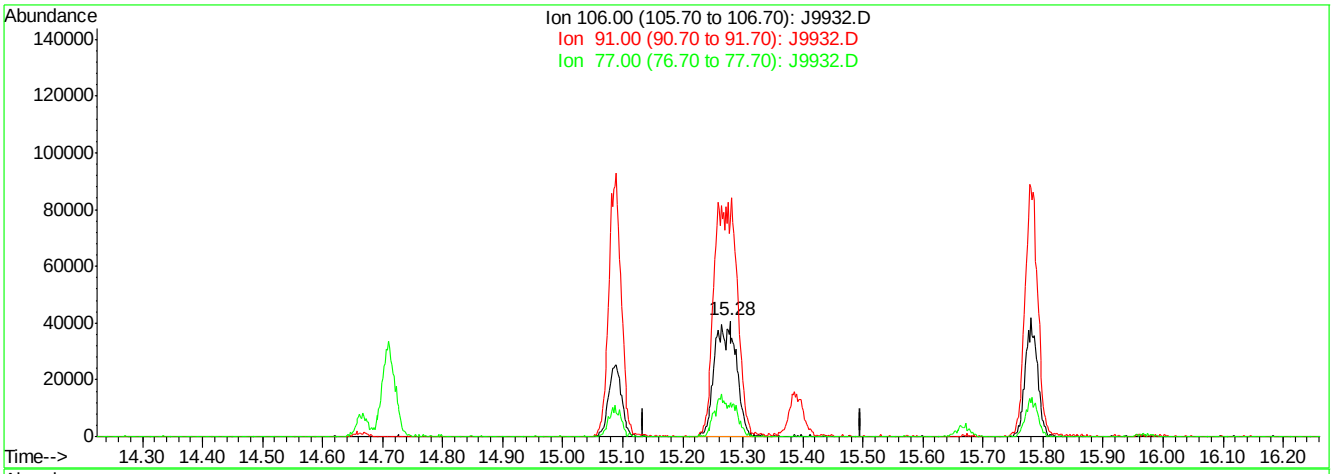
J9932.D J040407T.M Thu Apr 05 15:53:08 2007

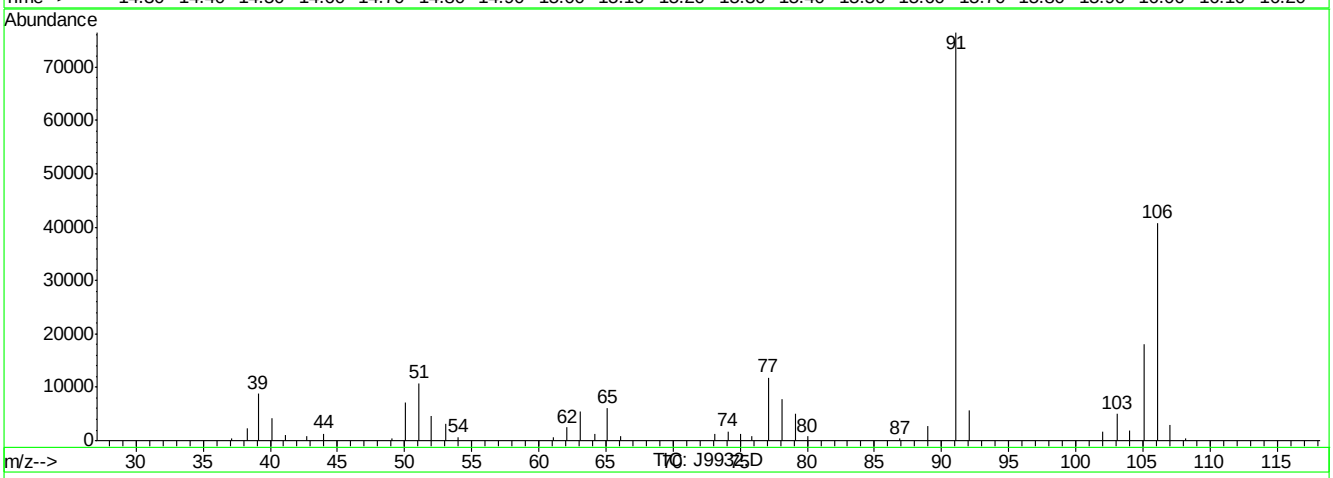
Quantitation Report (Qedit)

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

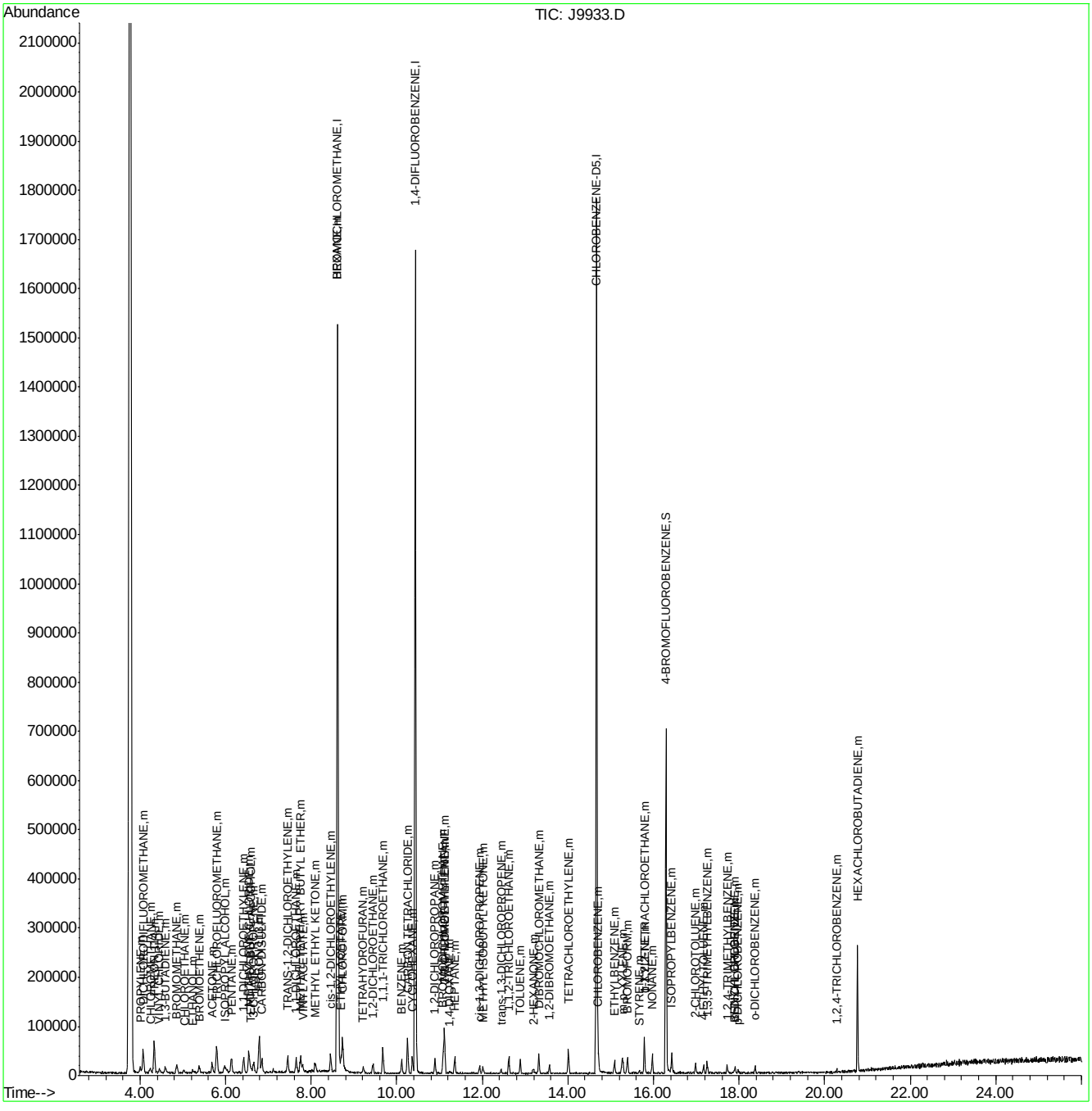
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ACCUTEST Laboratories M64245

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

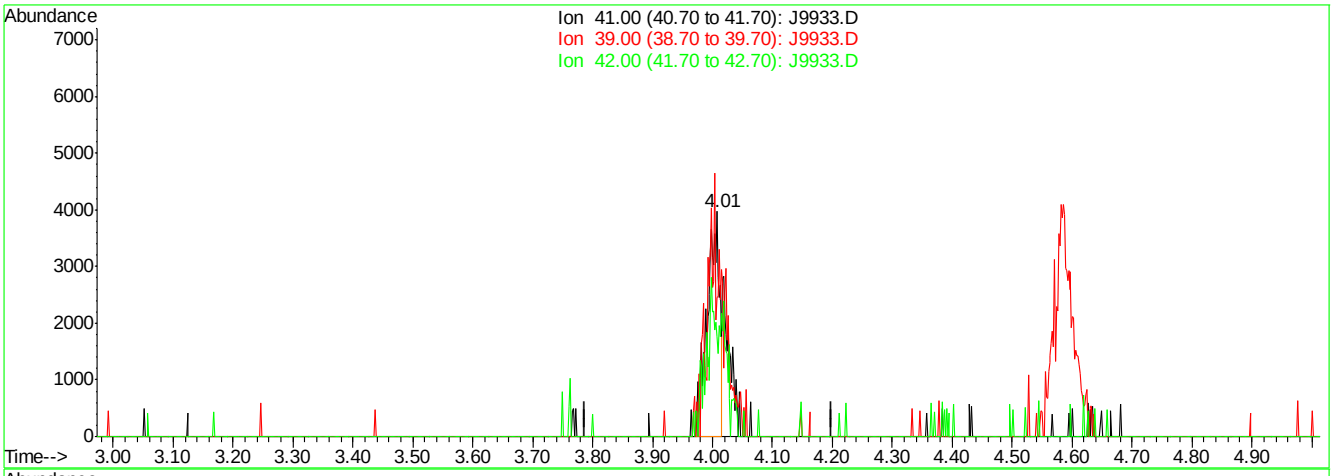


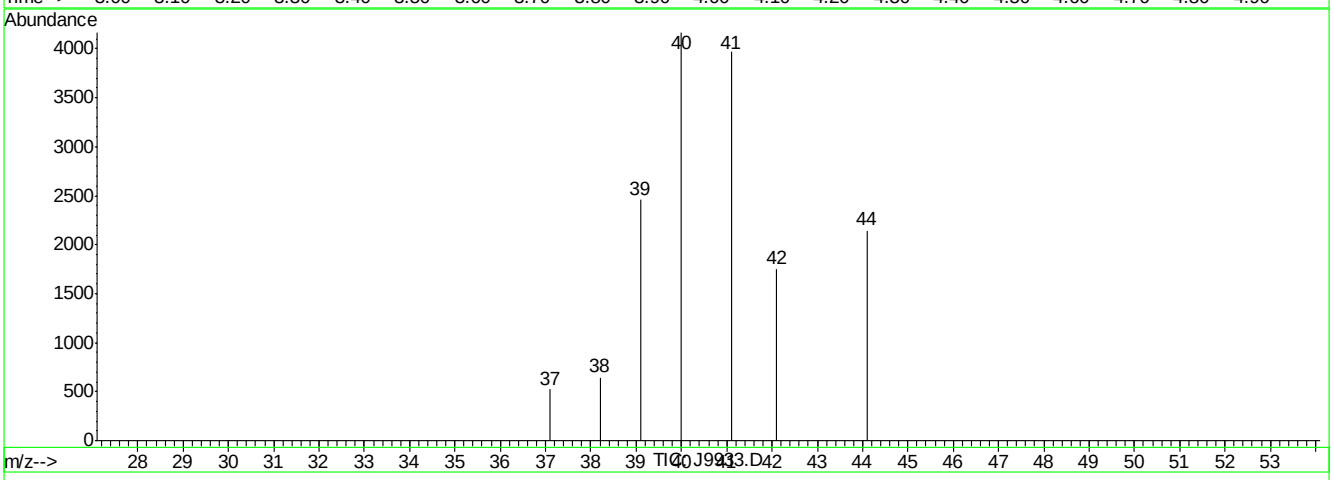
Quantitation Report (Qedit)

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

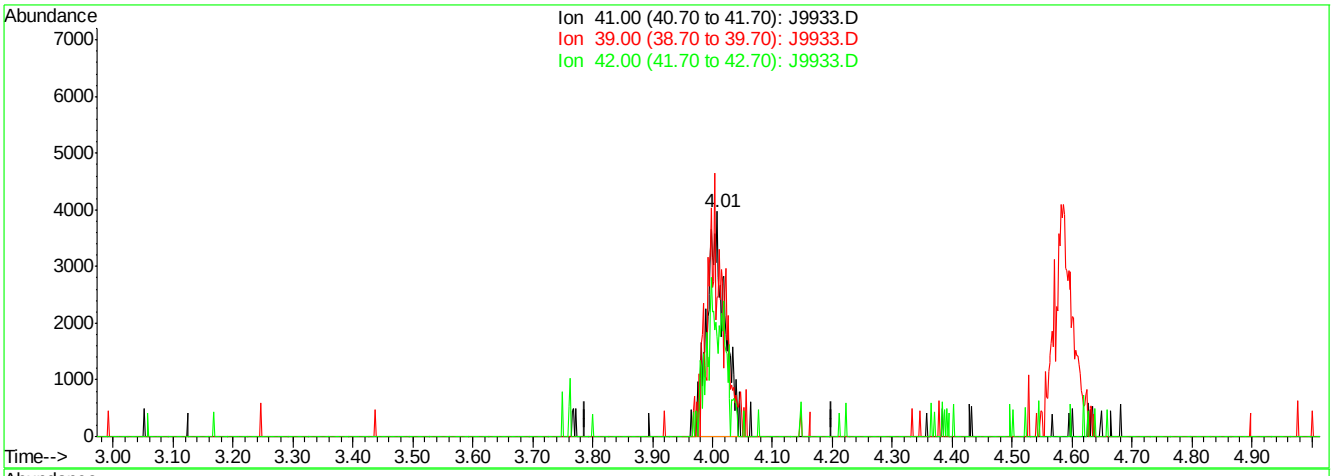
J9933.D J040407T.M Thu Apr 05 16:36:01 2007

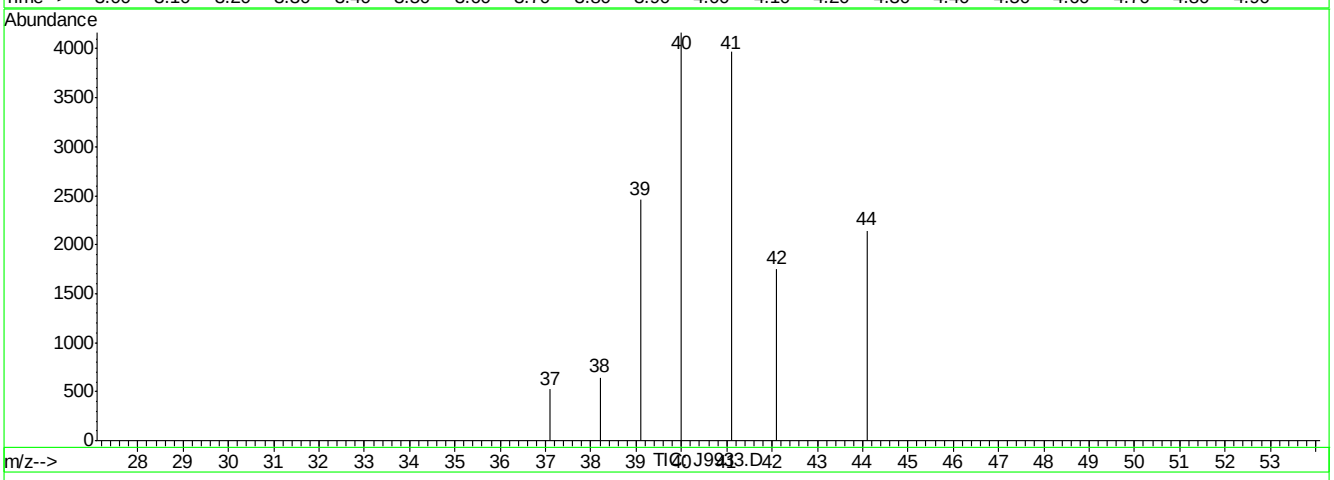
Quantitation Report (Qedit)

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

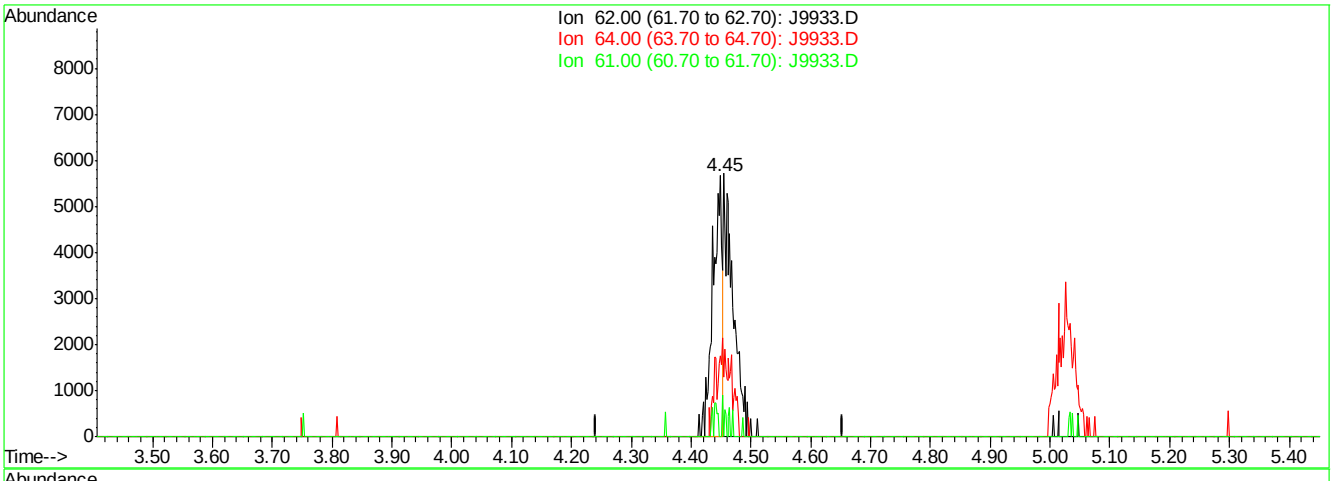
J9933.D J040407T.M Thu Apr 05 16:36:05 2007

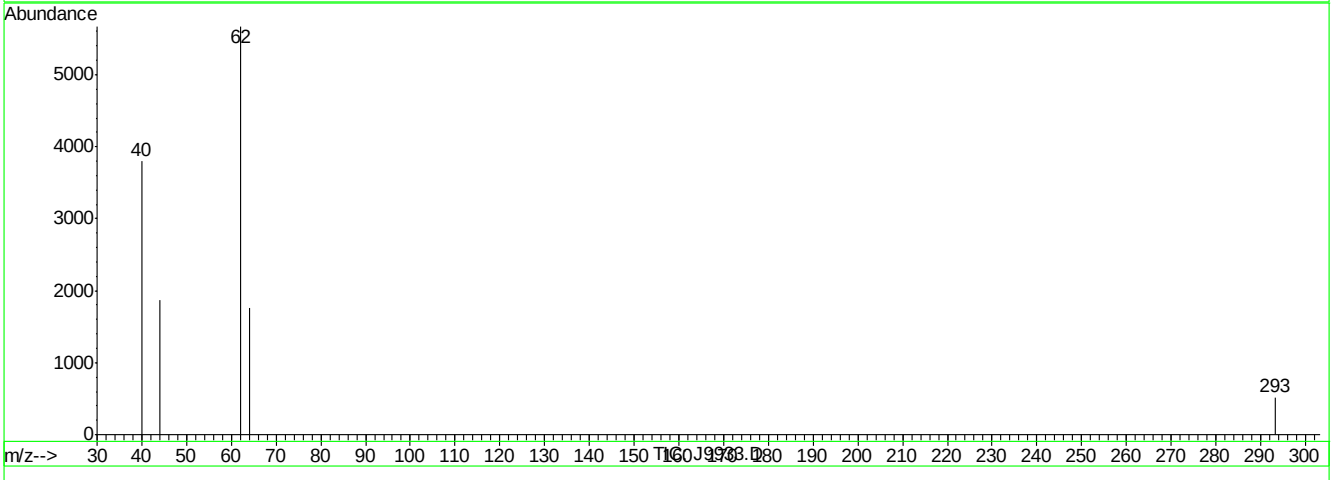
Quantitation Report (Qedit)

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

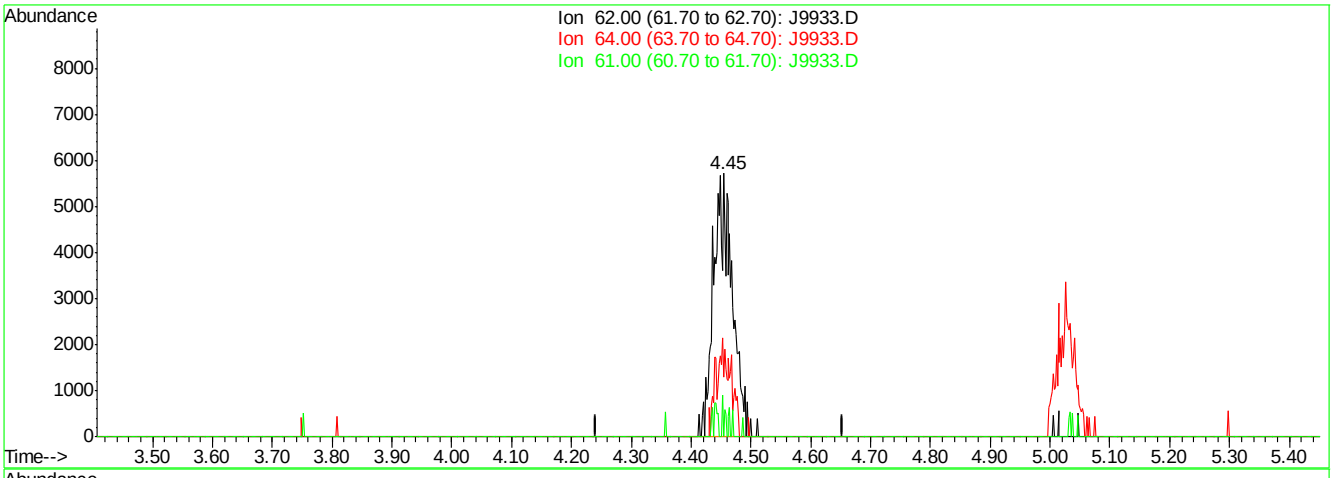
J9933.D J040407T.M Thu Apr 05 16:36:09 2007

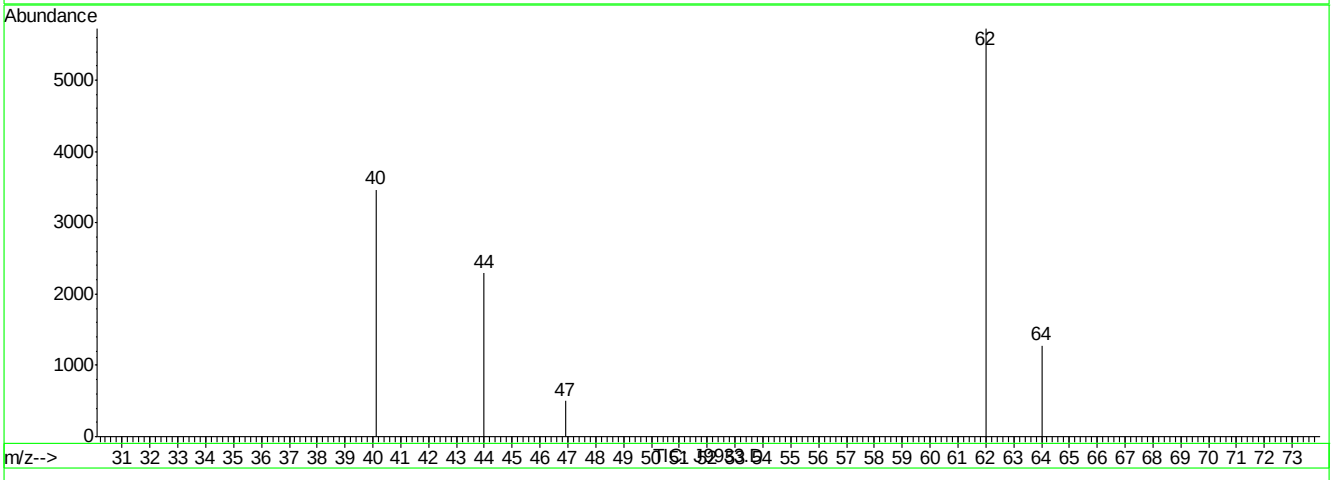
Quantitation Report (Qedit)

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

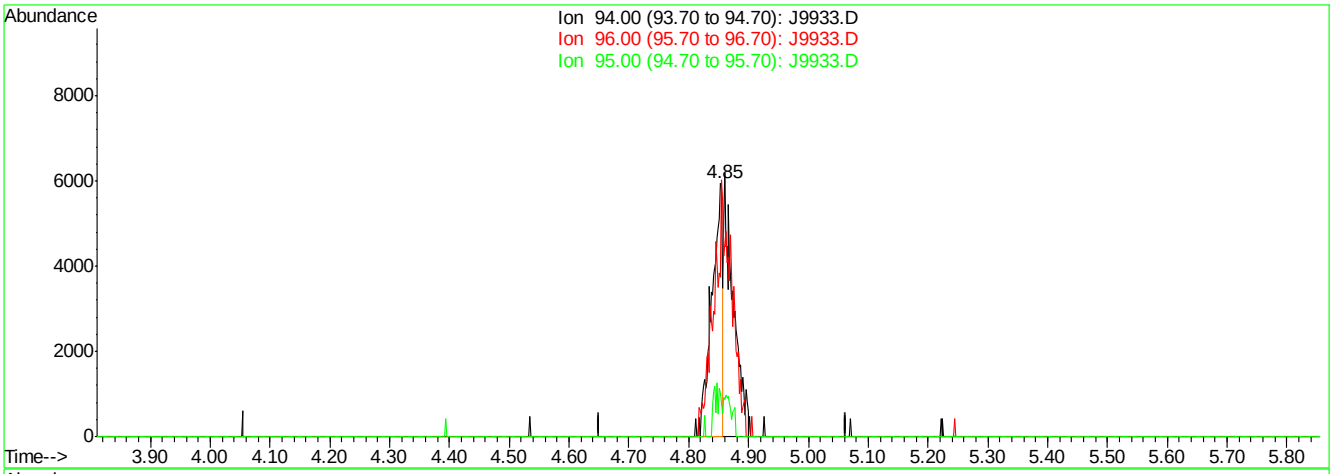
J9933.D J040407T.M Thu Apr 05 16:36:14 2007

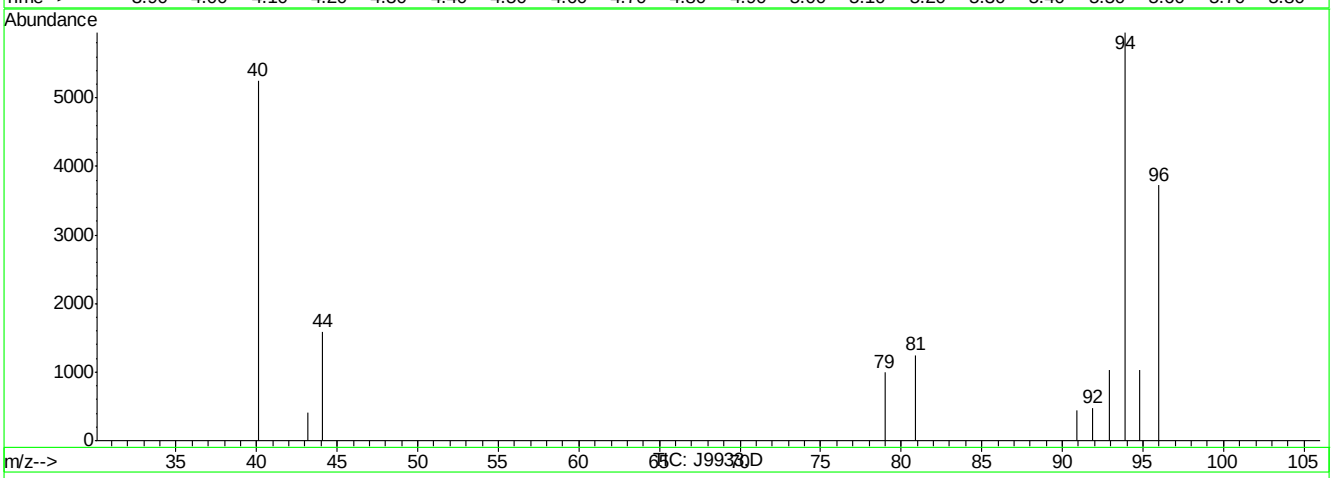
Quantitation Report (Qedit)

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

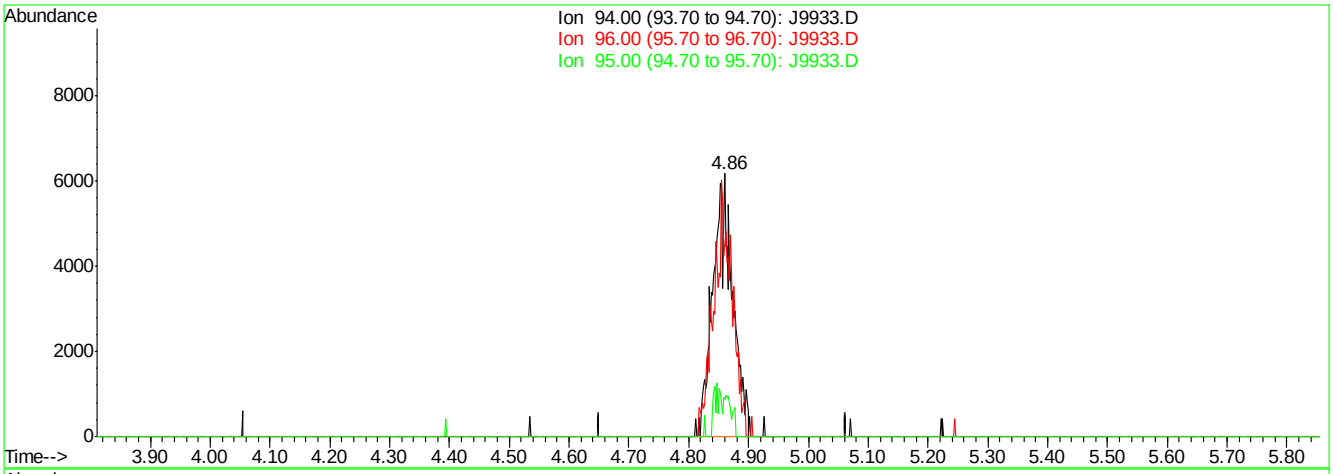
J9933.D J040407T.M Thu Apr 05 16:36:19 2007

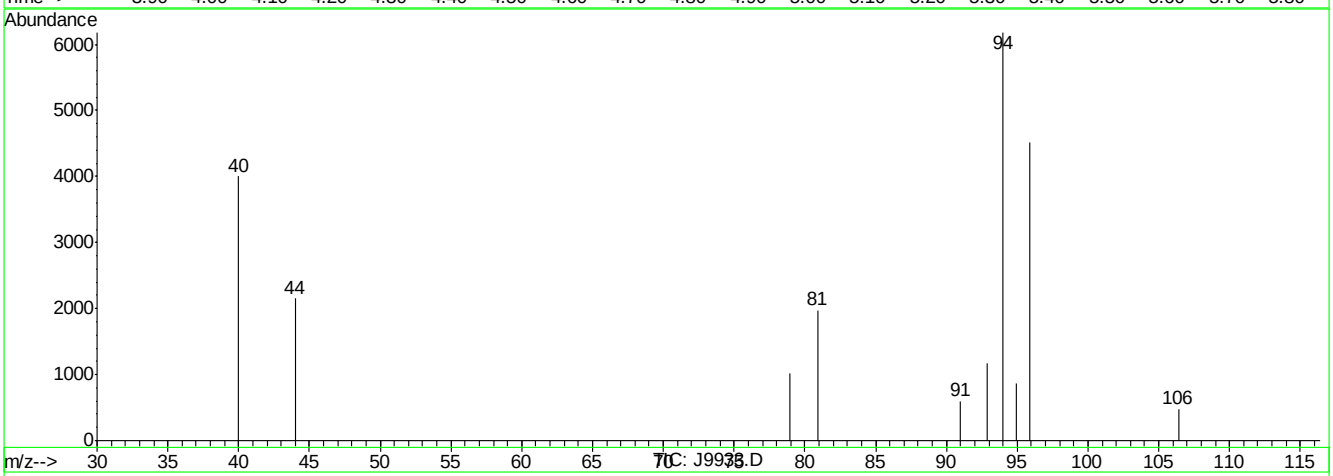
Quantitation Report (Qedit)

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

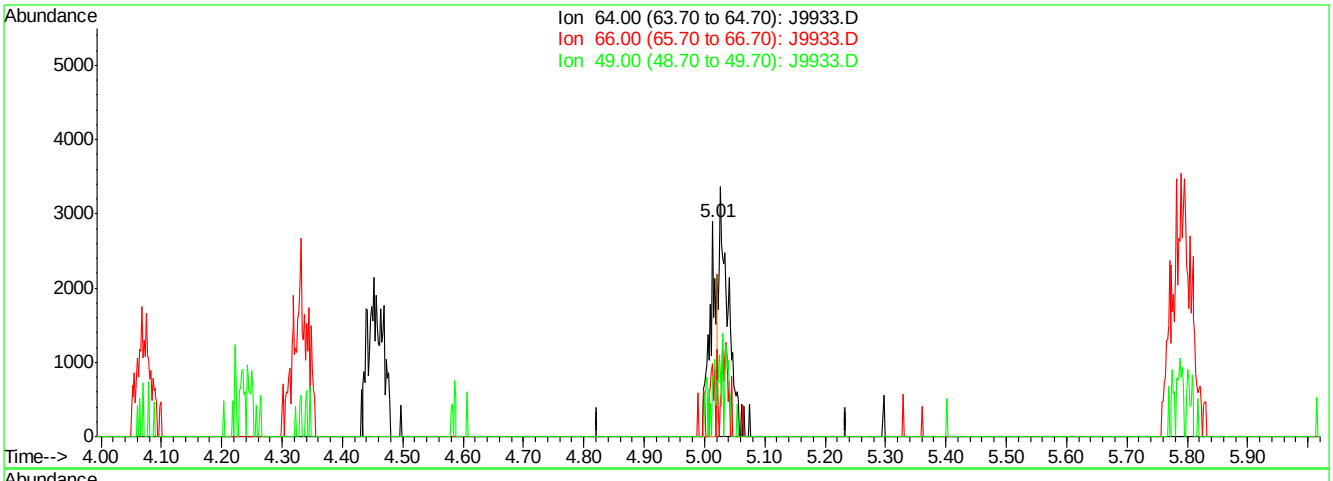
J9933.D J040407T.M Thu Apr 05 16:36:22 2007

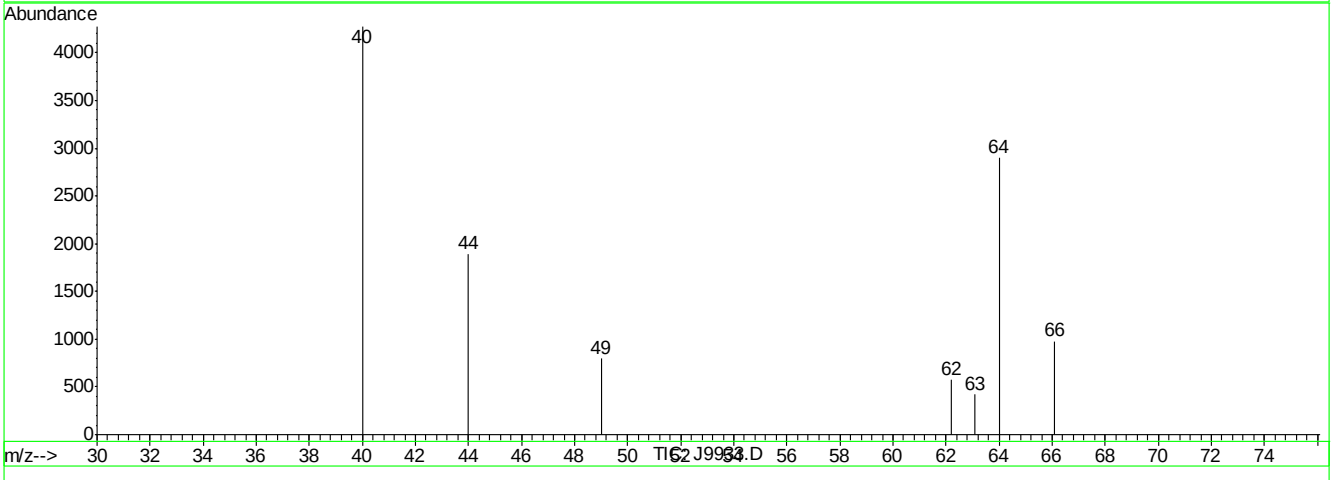
Quantitation Report (Qedit)

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

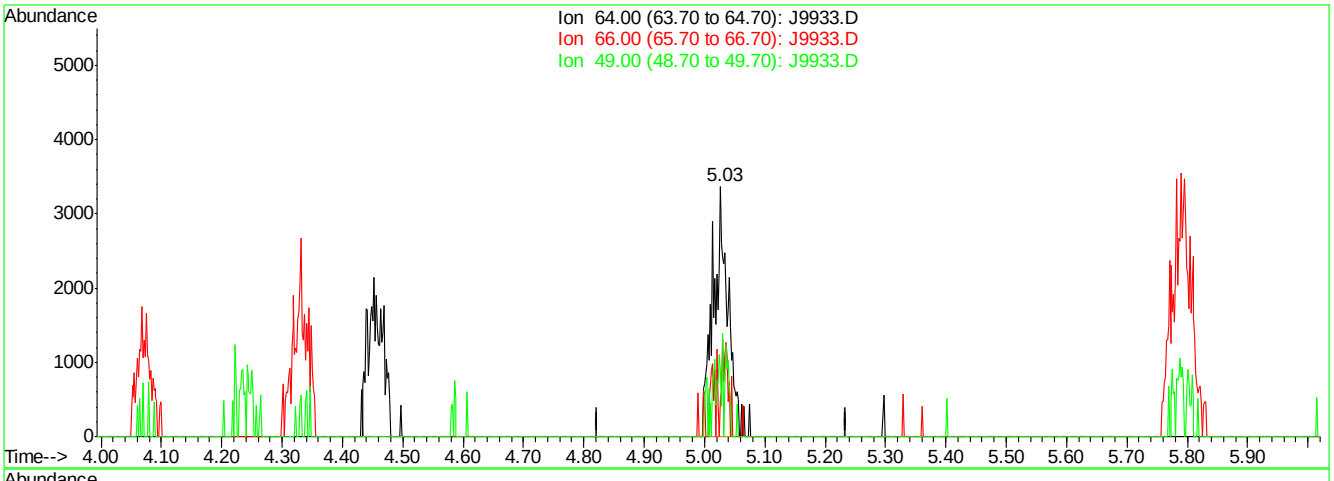
J9933.D J040407T.M Thu Apr 05 16:36:25 2007

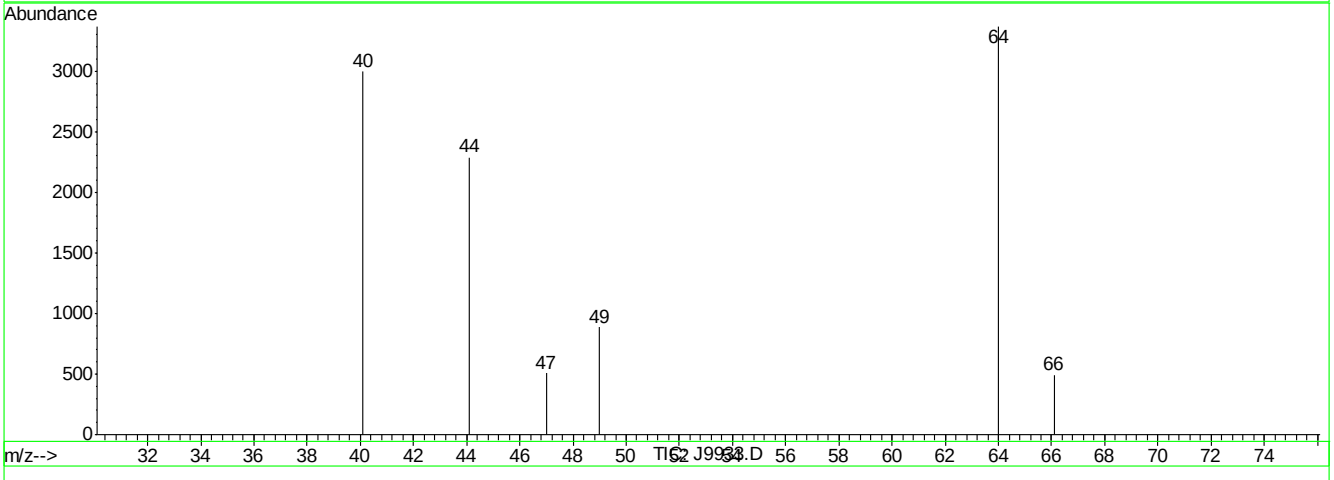
Quantitation Report (Qedit)

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

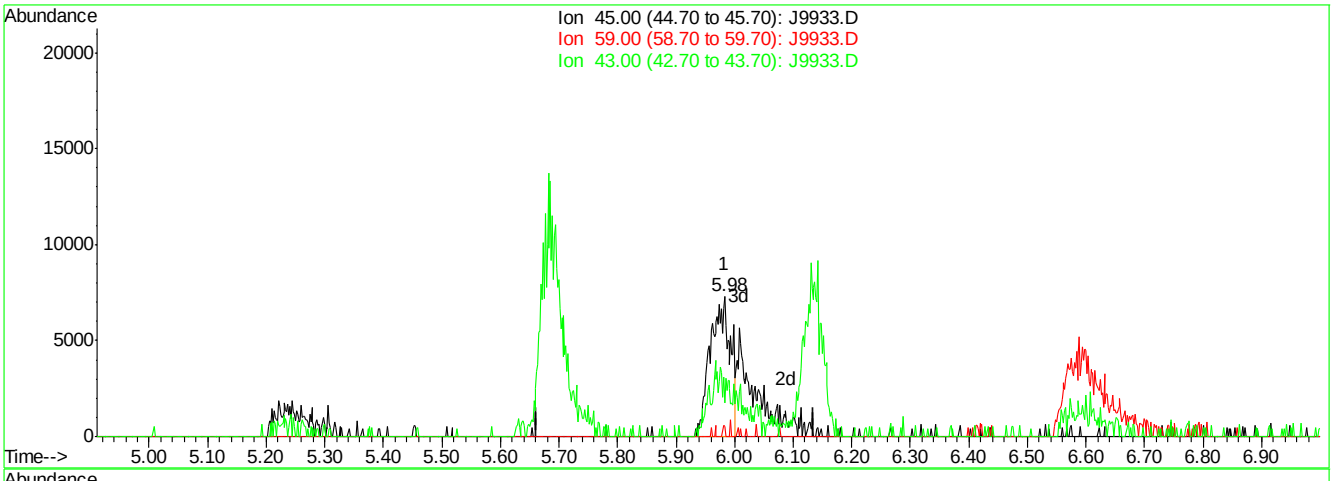
J9933.D J040407T.M Thu Apr 05 16:36:29 2007

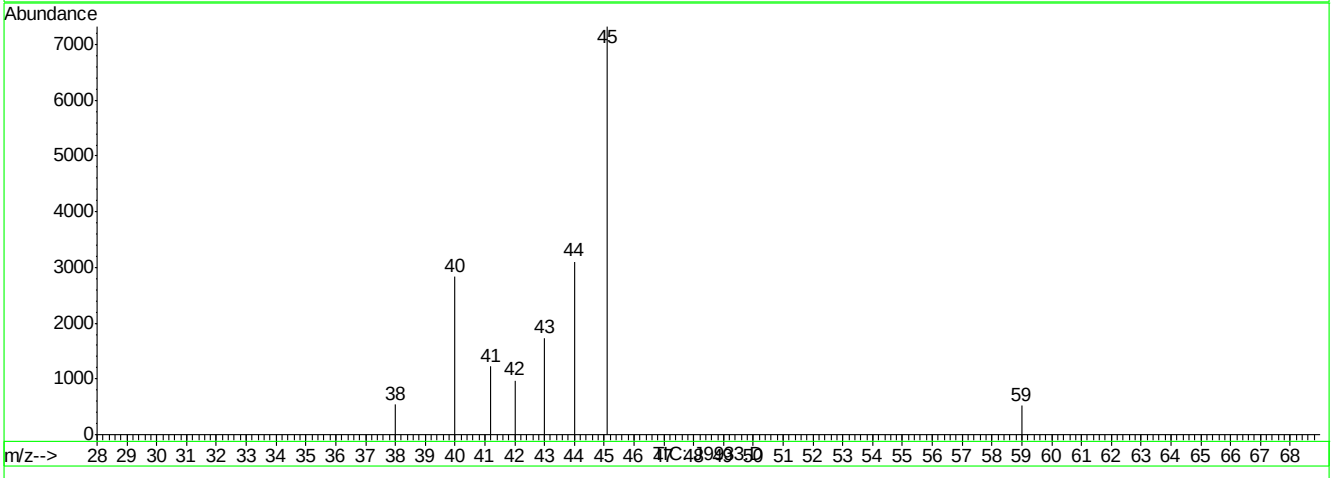
Quantitation Report (Qedit)

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

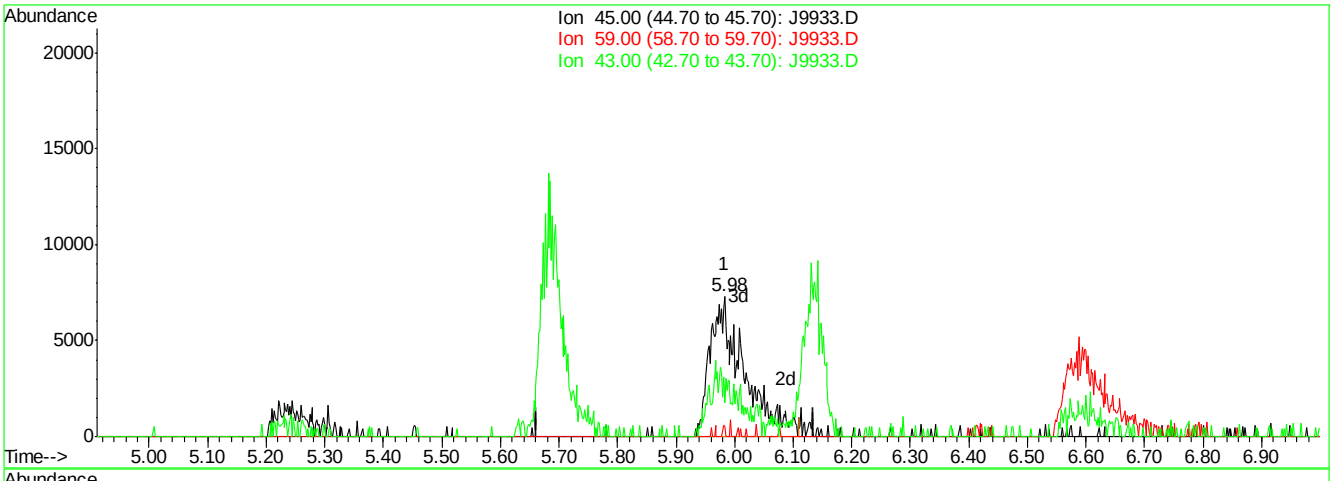
J9933.D J040407T.M Thu Apr 05 16:36:32 2007

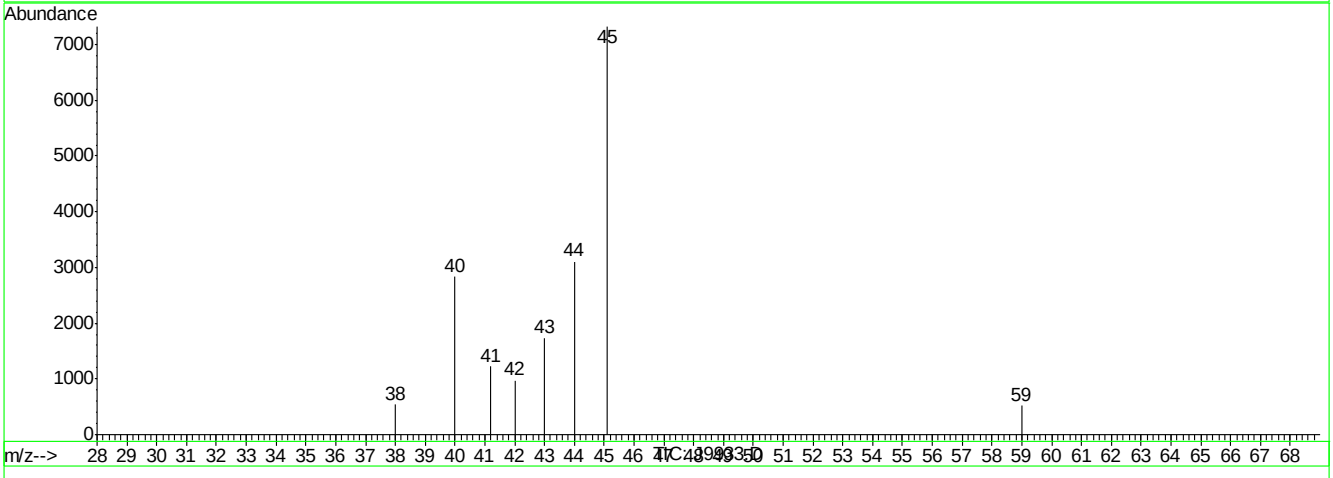
Quantitation Report (Qedit)

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

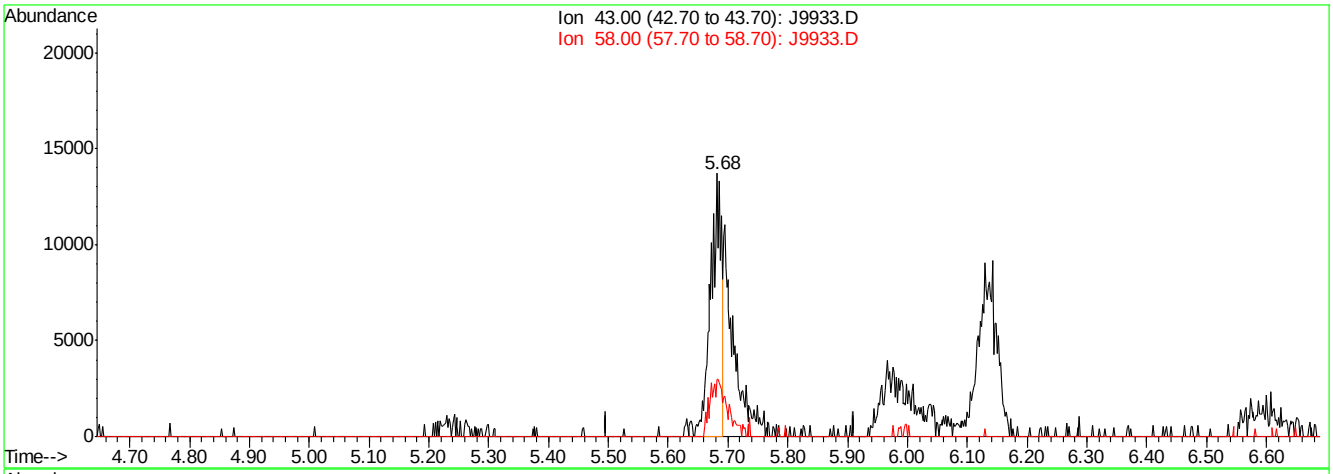
J9933.D J040407T.M Thu Apr 05 16:36:38 2007

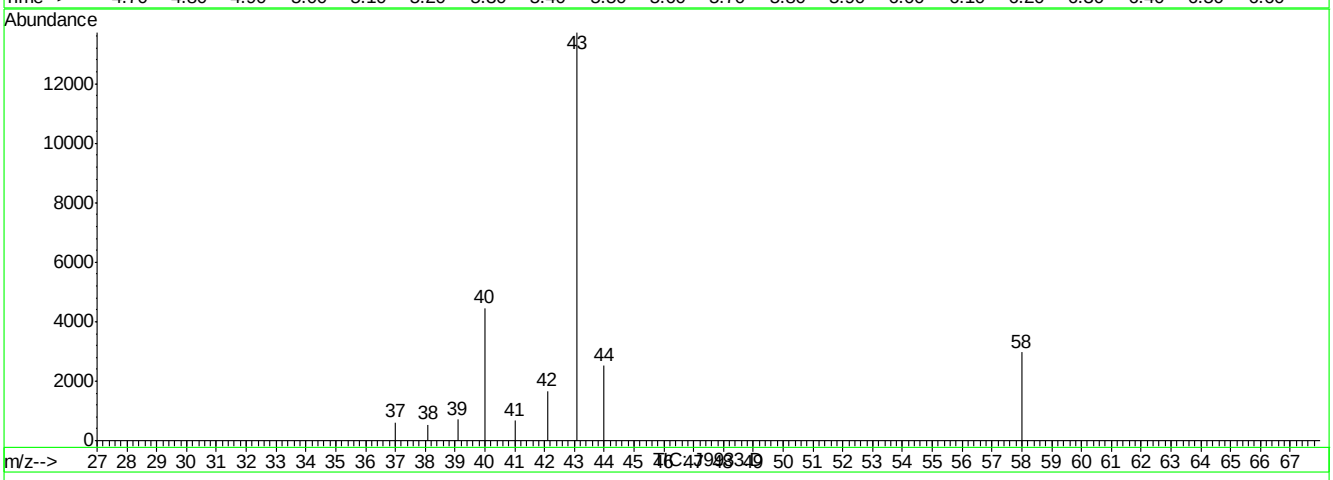
Quantitation Report (Qedit)

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

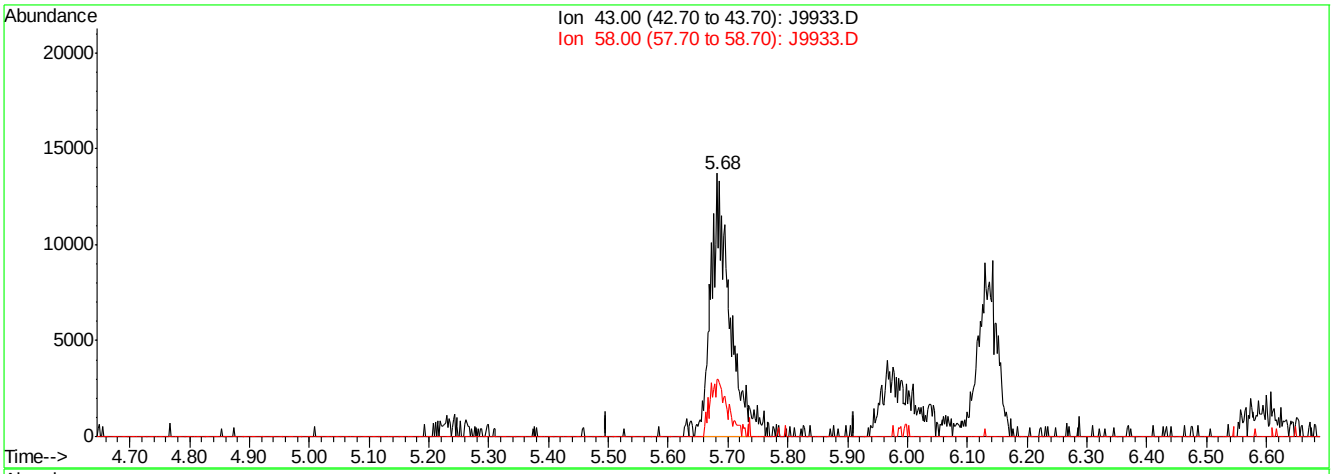
J9933.D J040407T.M Thu Apr 05 16:36:42 2007

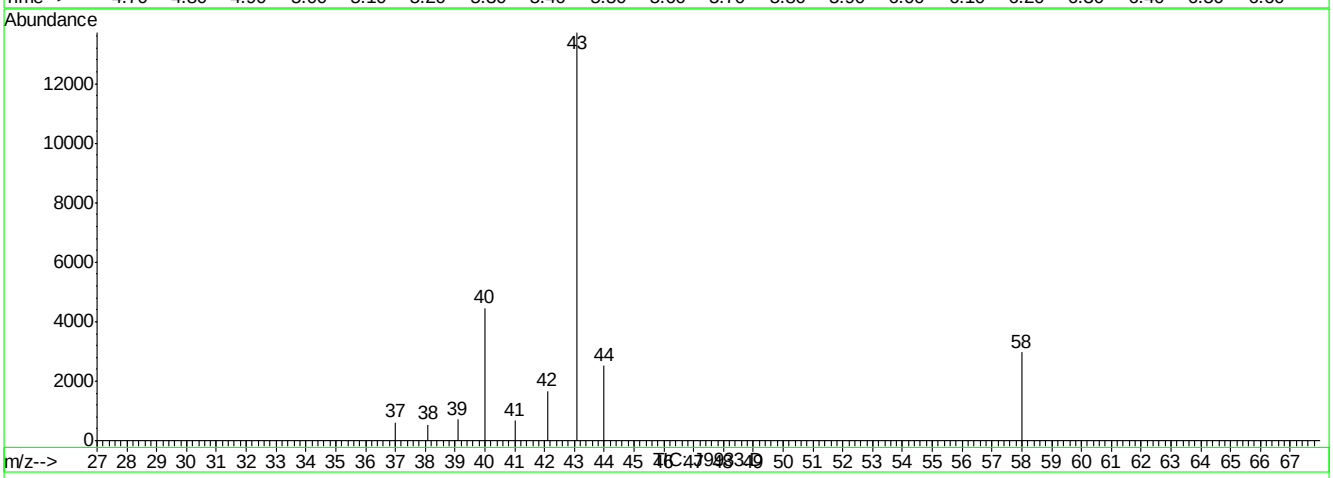
Quantitation Report (Qedit)

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

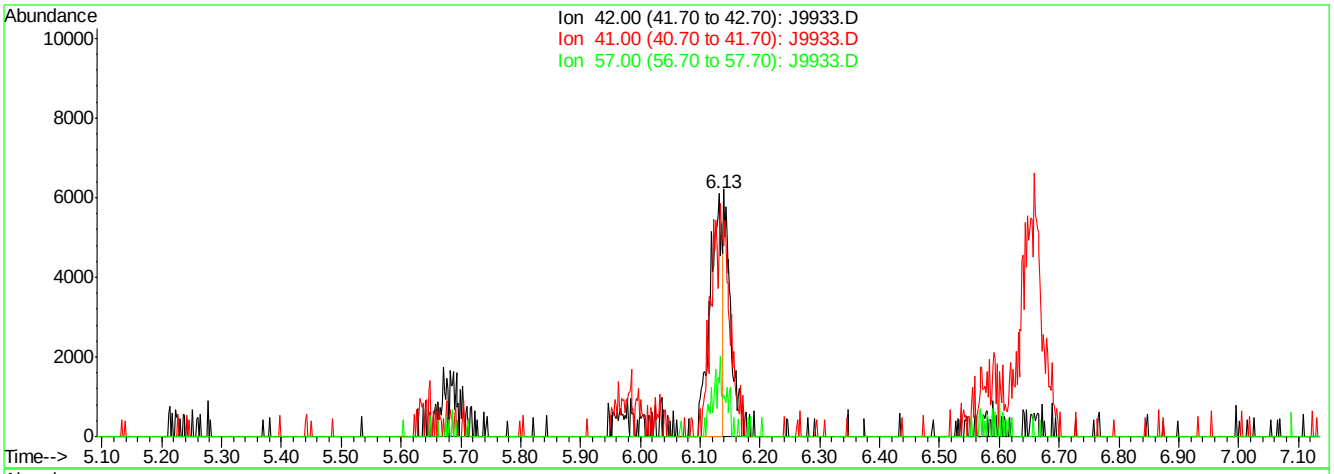
J9933.D J040407T.M Thu Apr 05 16:36:46 2007

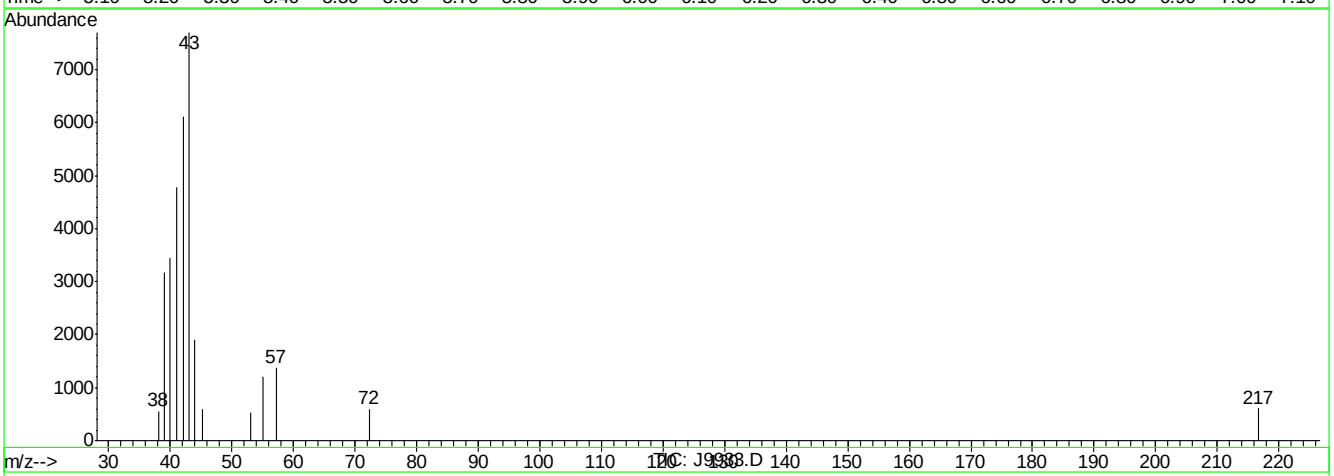
Quantitation Report (Qedit)

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

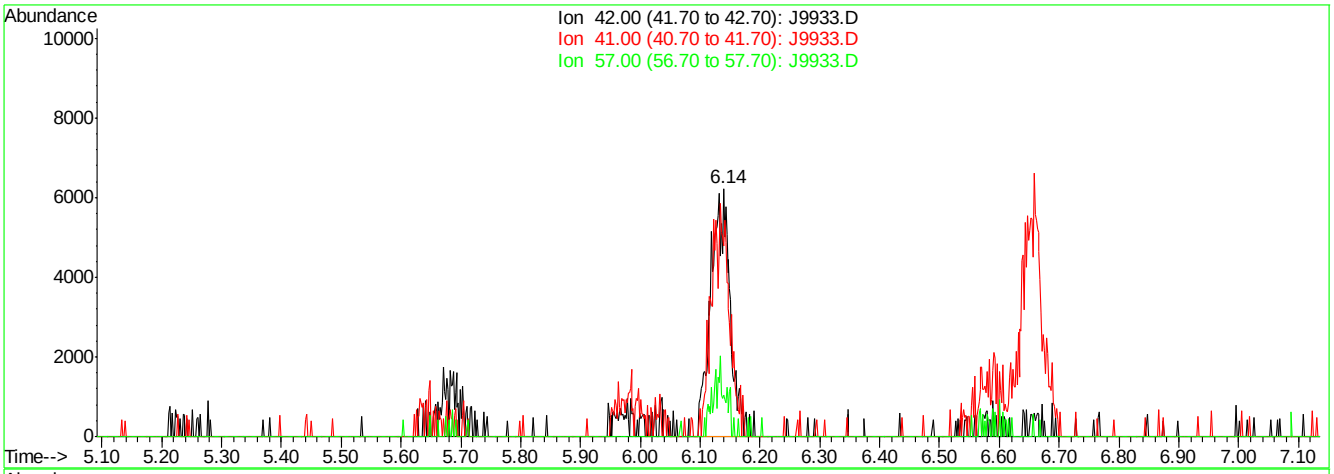
J9933.D J040407T.M Thu Apr 05 16:36:49 2007

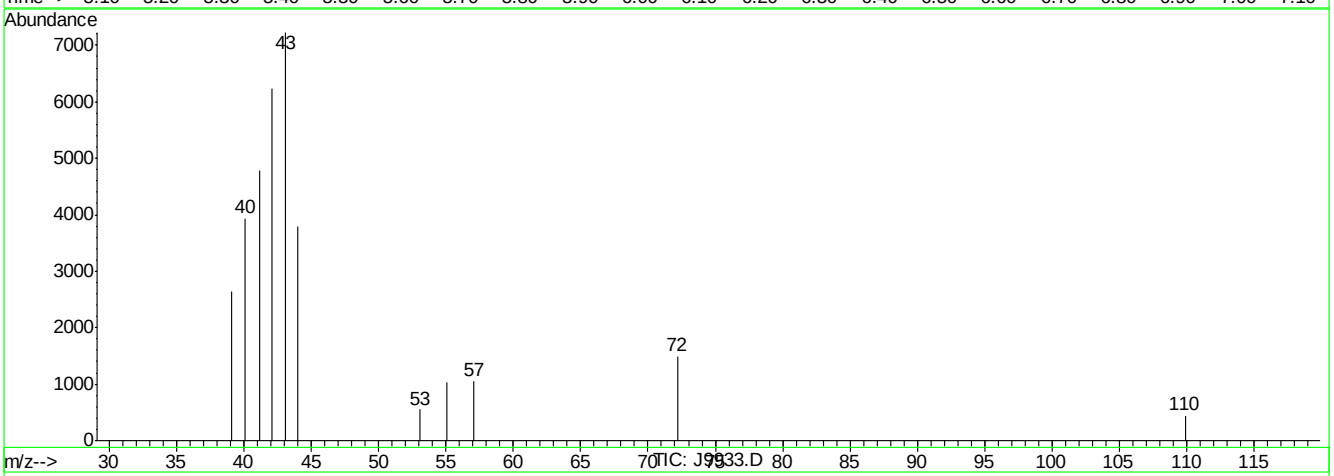
Quantitation Report (Qedit)

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

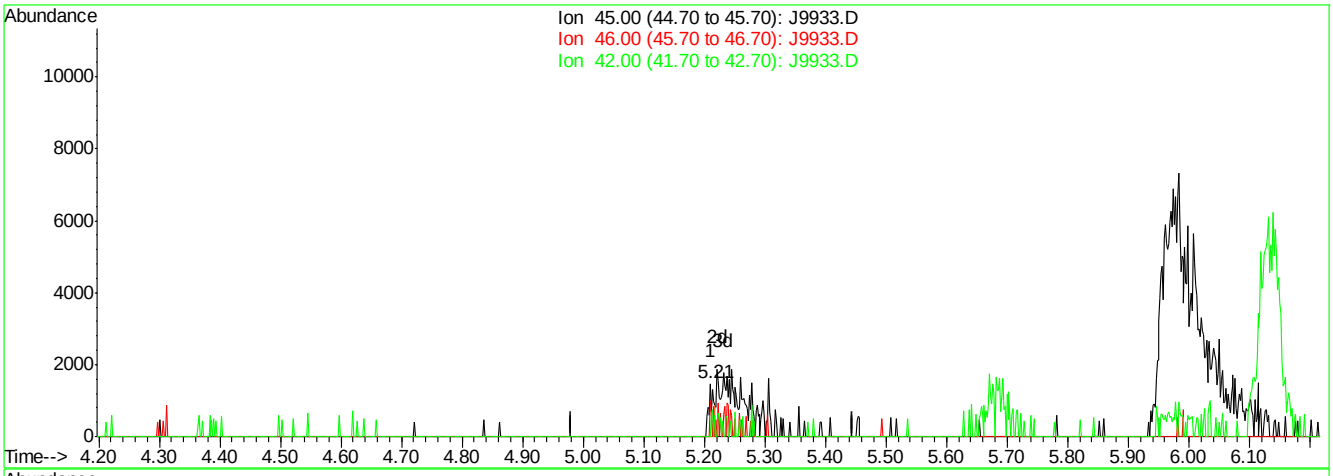
J9933.D J040407T.M Thu Apr 05 16:36:52 2007

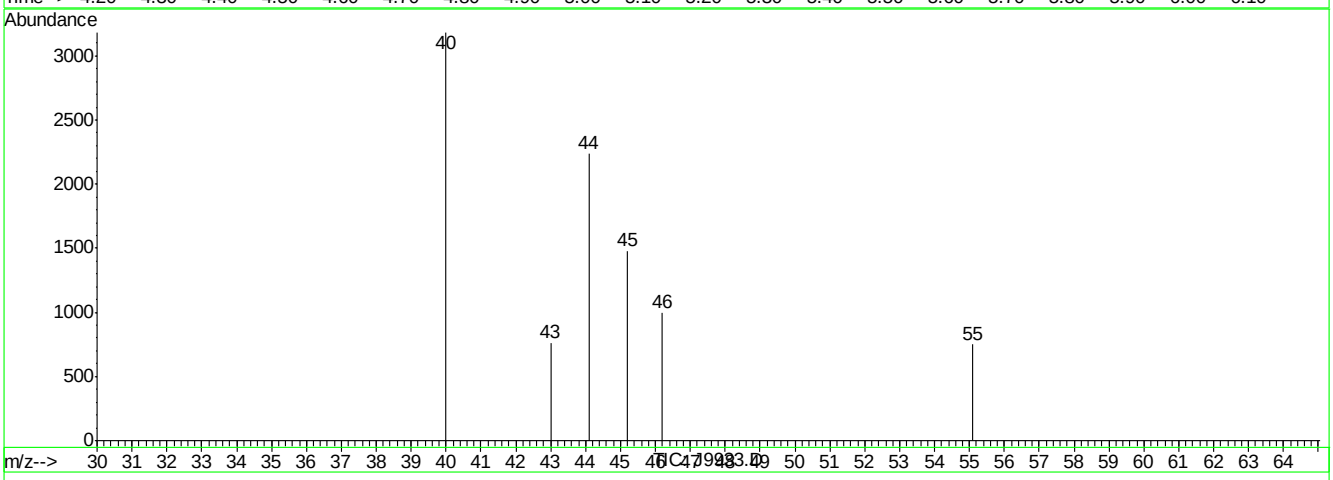
Quantitation Report (Qedit)

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

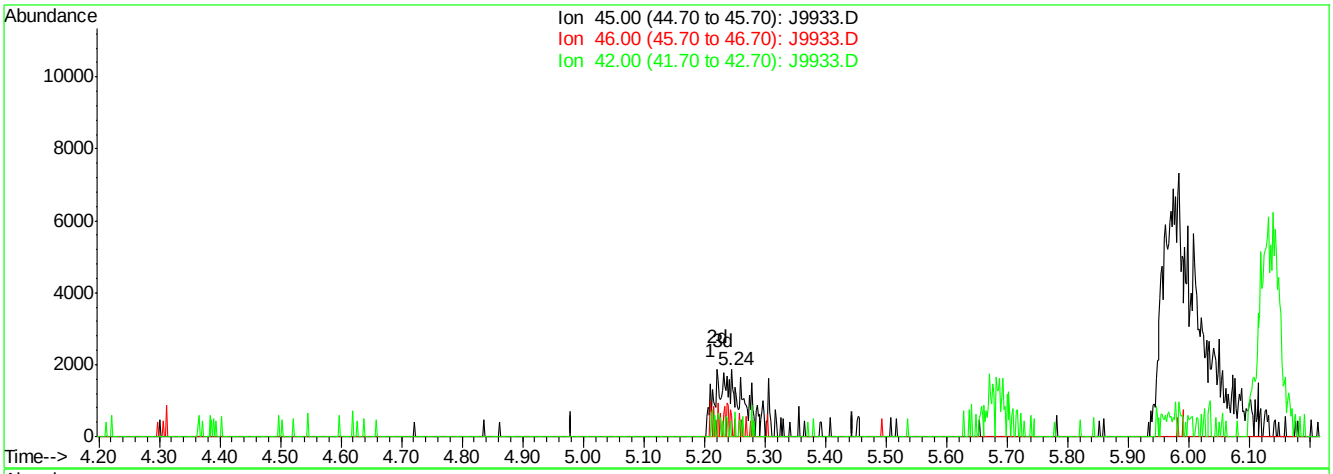
J9933.D J040407T.M Thu Apr 05 16:36:56 2007

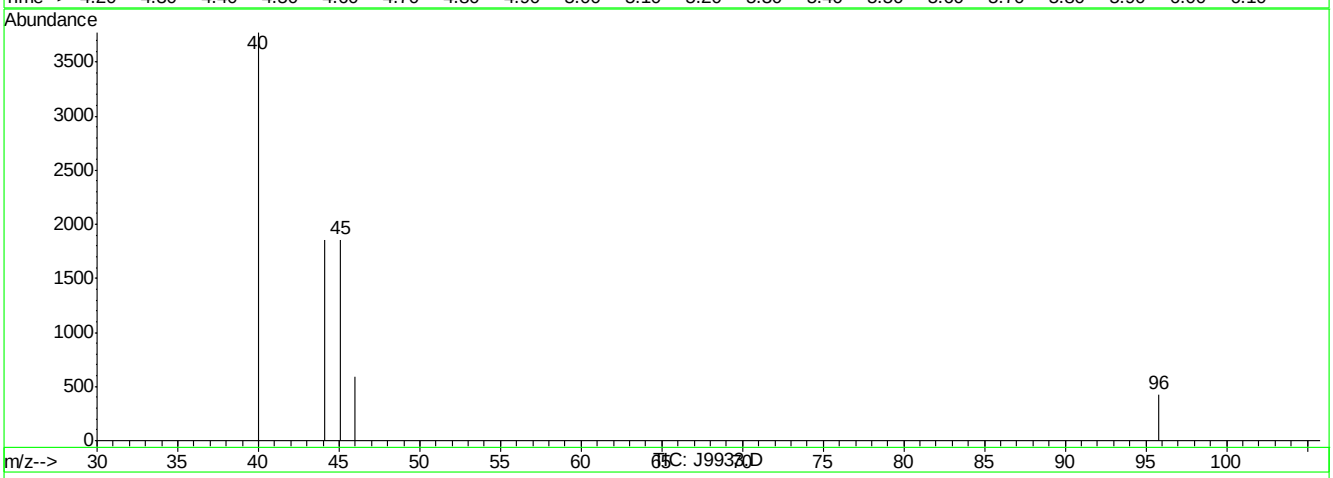
Quantitation Report (Qedit)

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

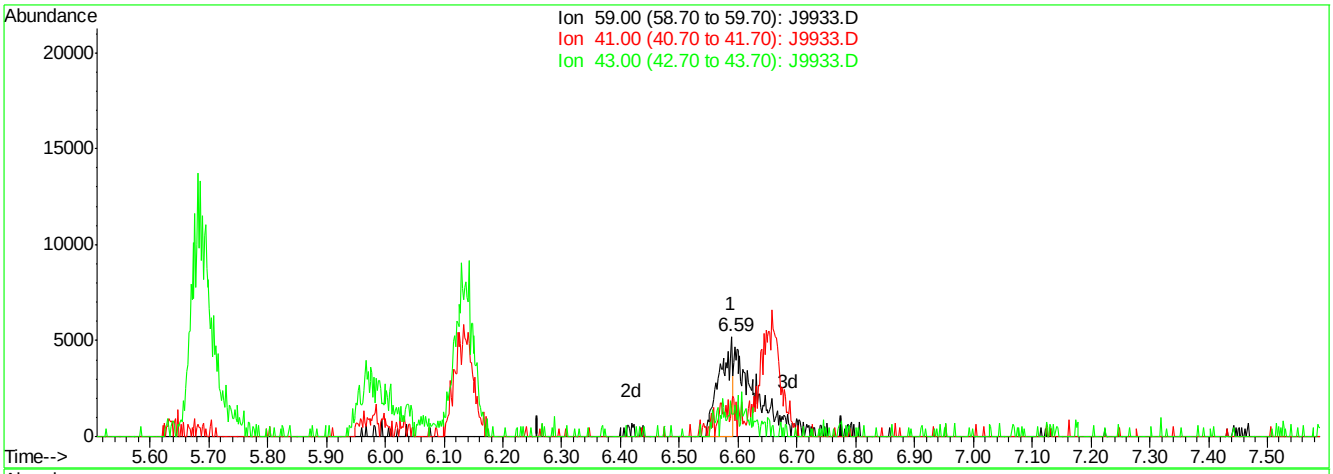
J9933.D J040407T.M Thu Apr 05 16:37:03 2007

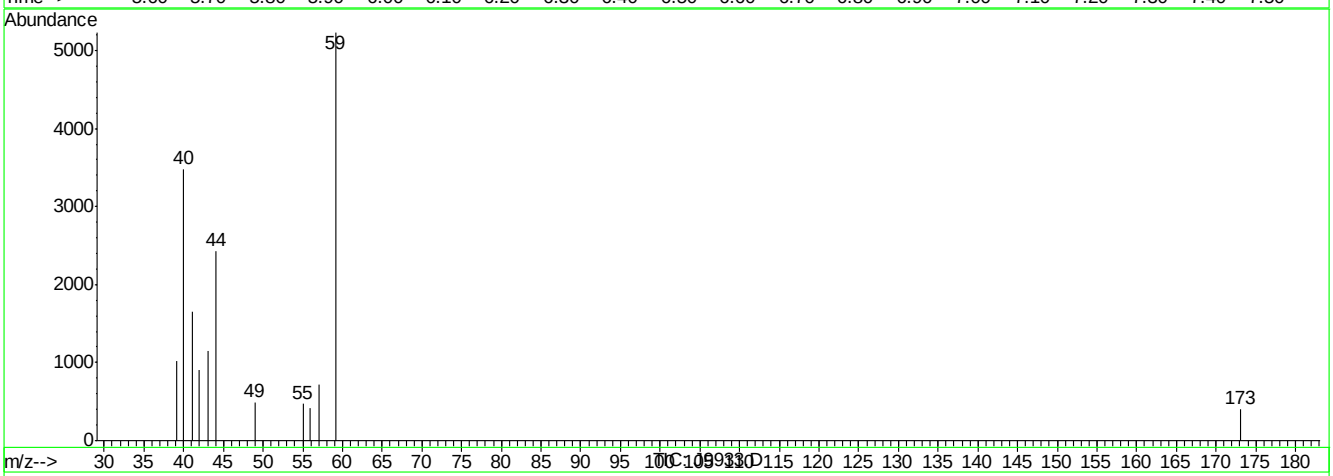
Quantitation Report (Qedit)

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

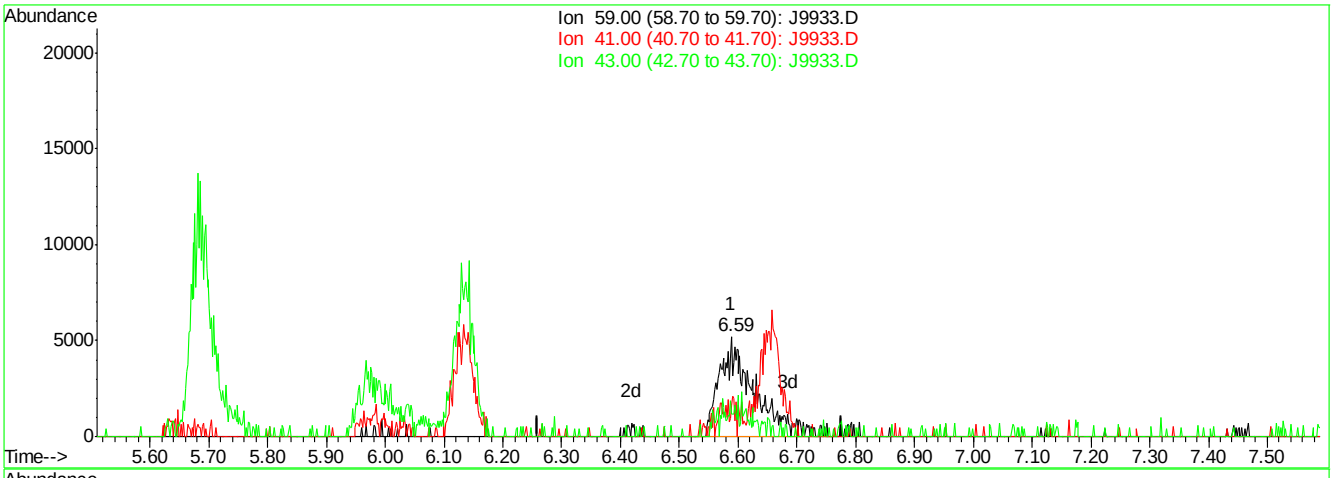
J9933.D J040407T.M Thu Apr 05 16:37:09 2007

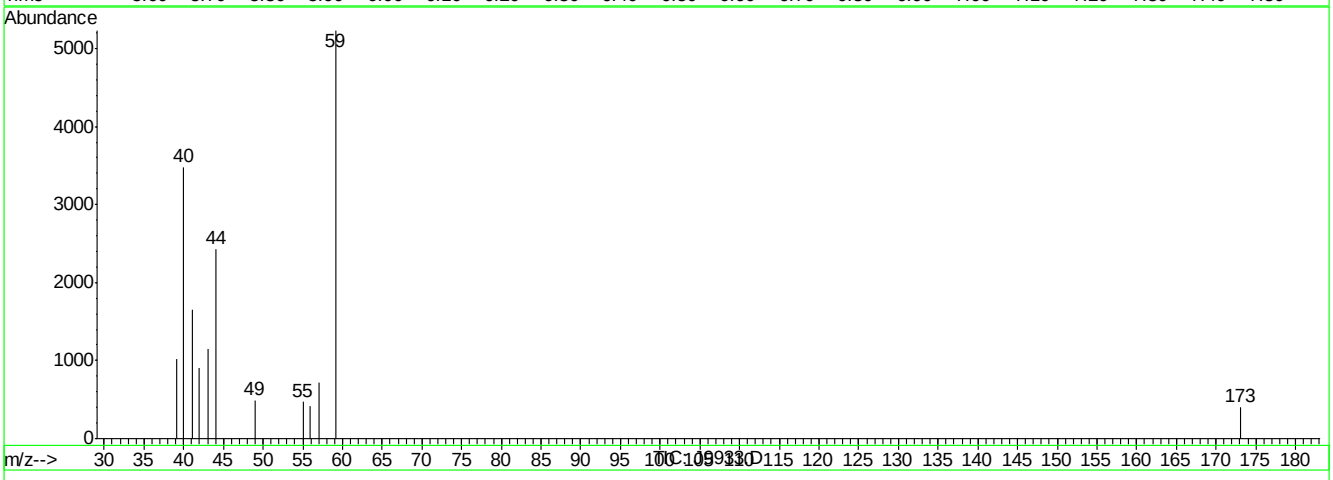
Quantitation Report (Qedit)

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

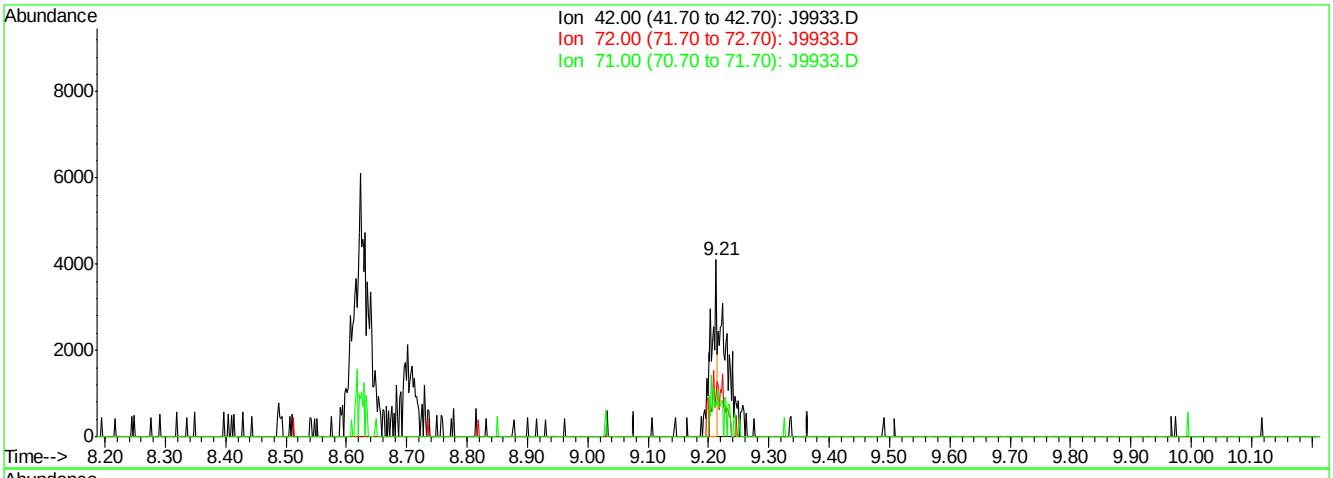
J9933.D J040407T.M Thu Apr 05 16:37:12 2007

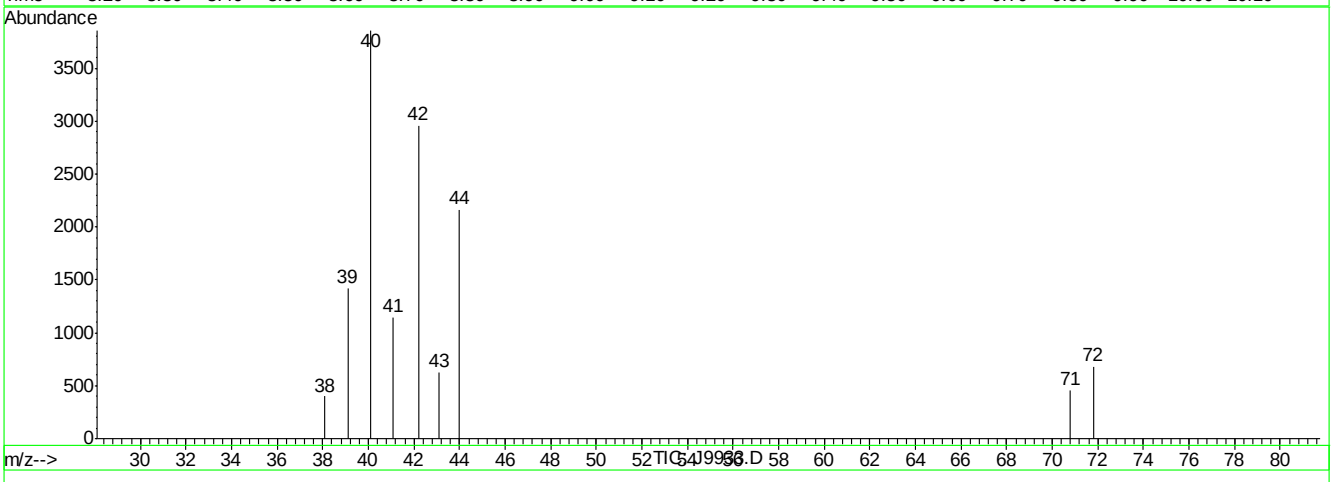
Quantitation Report (Qedit)

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

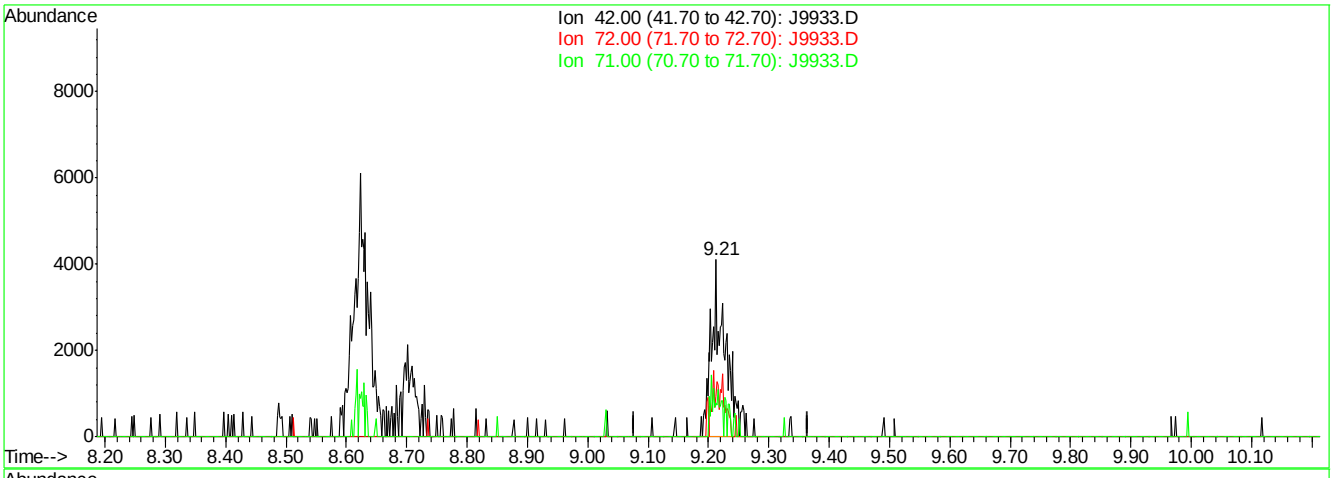
J9933.D J040407T.M Thu Apr 05 16:37:15 2007

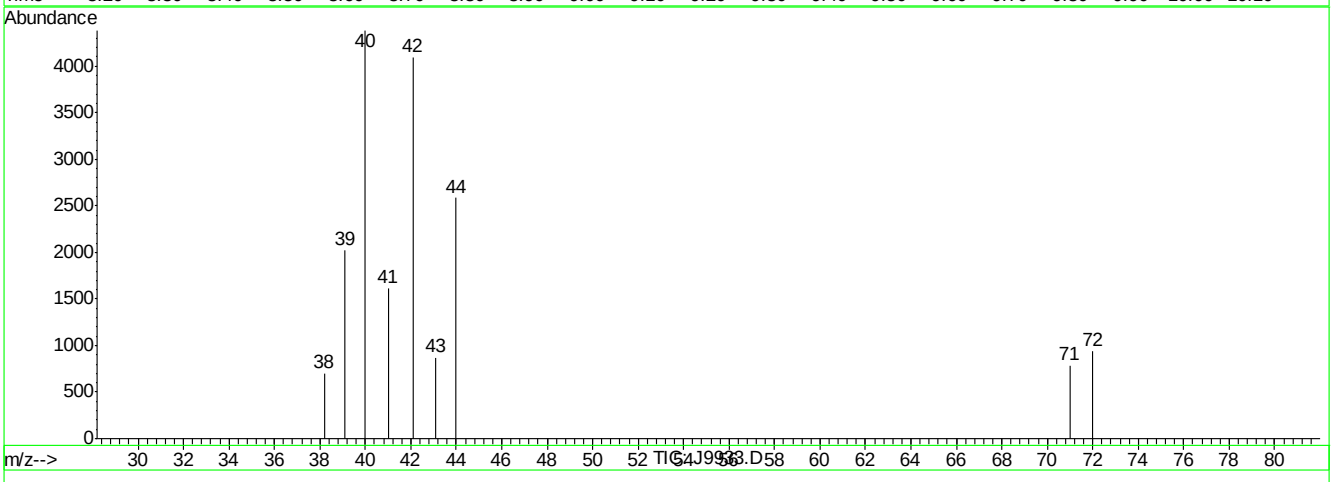
Quantitation Report (Qedit)

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

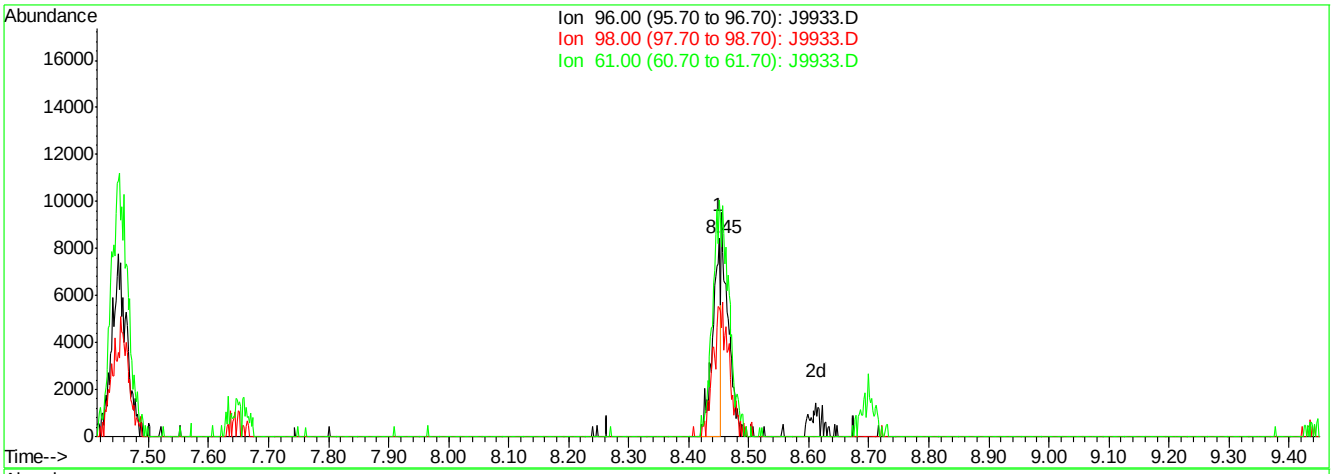
J9933.D J040407T.M Thu Apr 05 16:37:19 2007

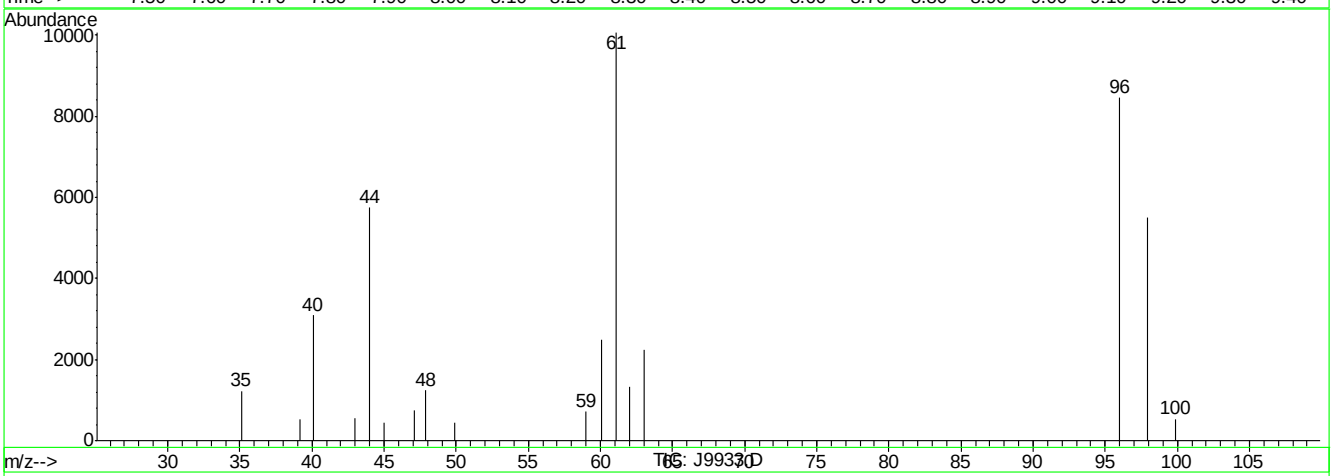
Quantitation Report (Qedit)

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

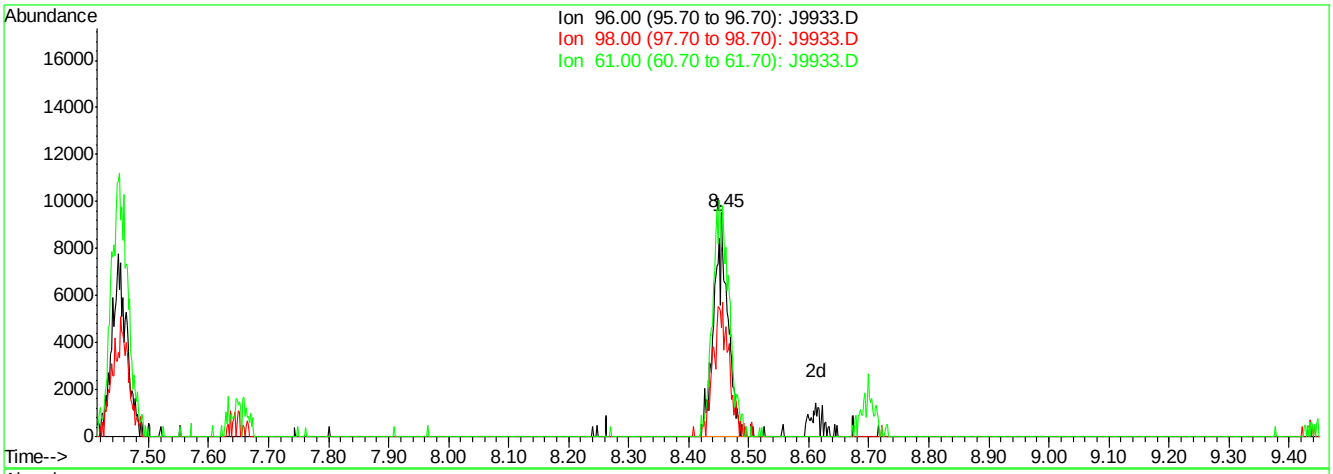
J9933.D J040407T.M Thu Apr 05 16:37:25 2007

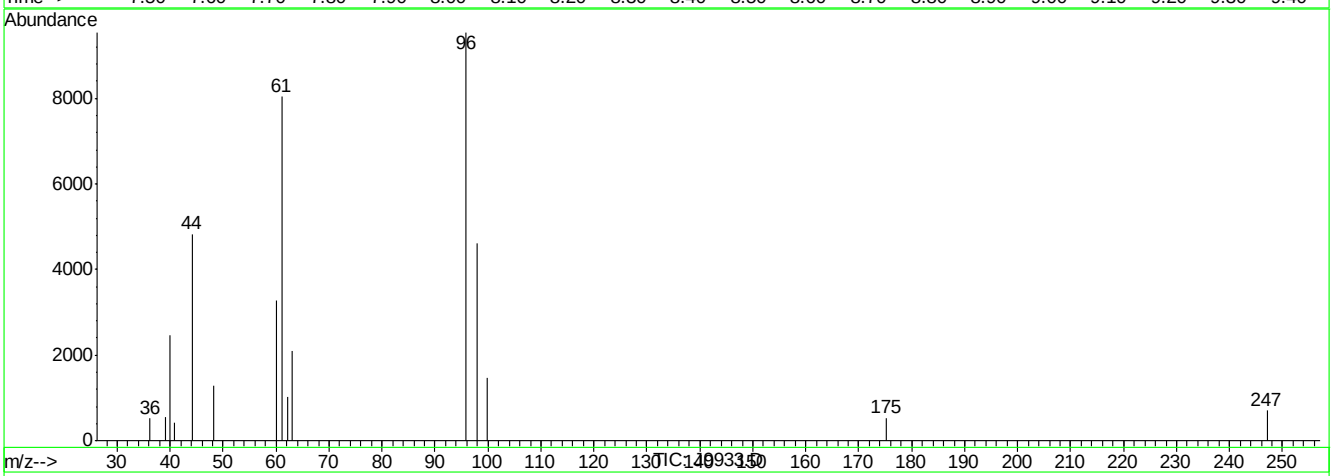
Quantitation Report (Qedit)

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

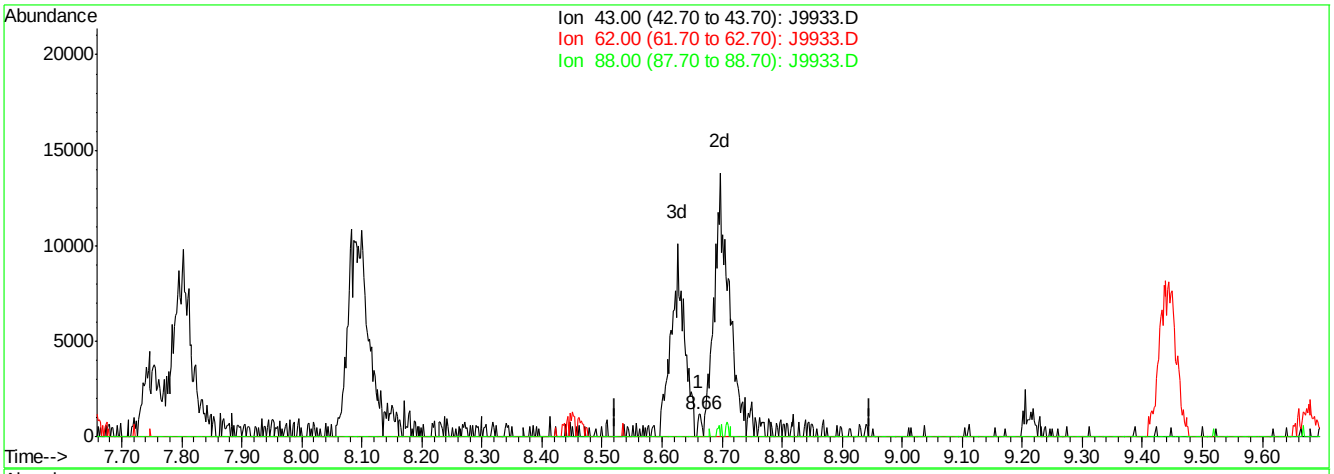
J9933.D J040407T.M Thu Apr 05 16:37:28 2007

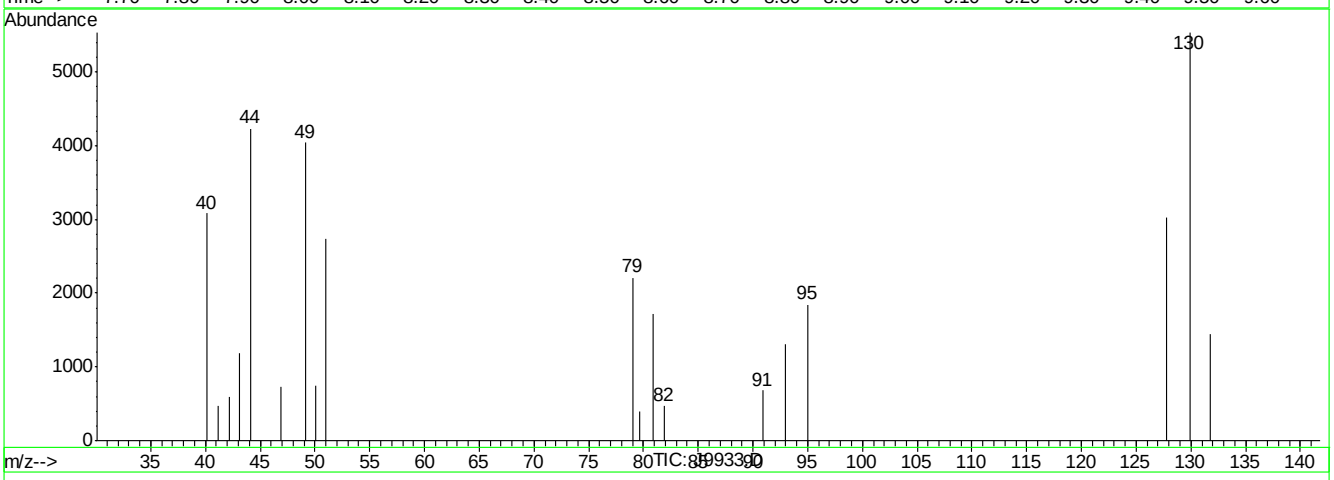
Quantitation Report (Qedit)

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

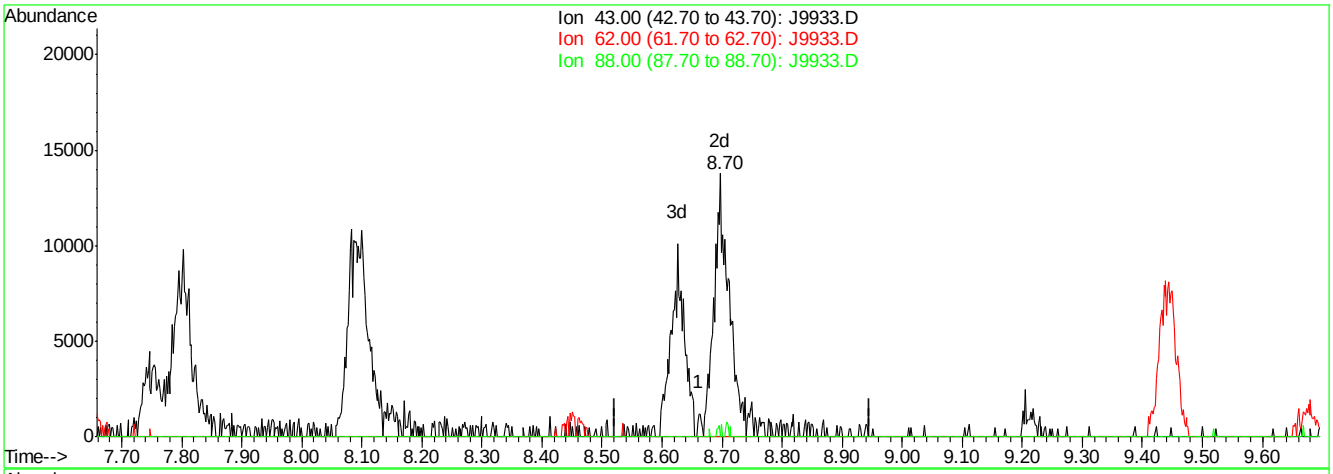
J9933.D J040407T.M Thu Apr 05 16:37:33 2007

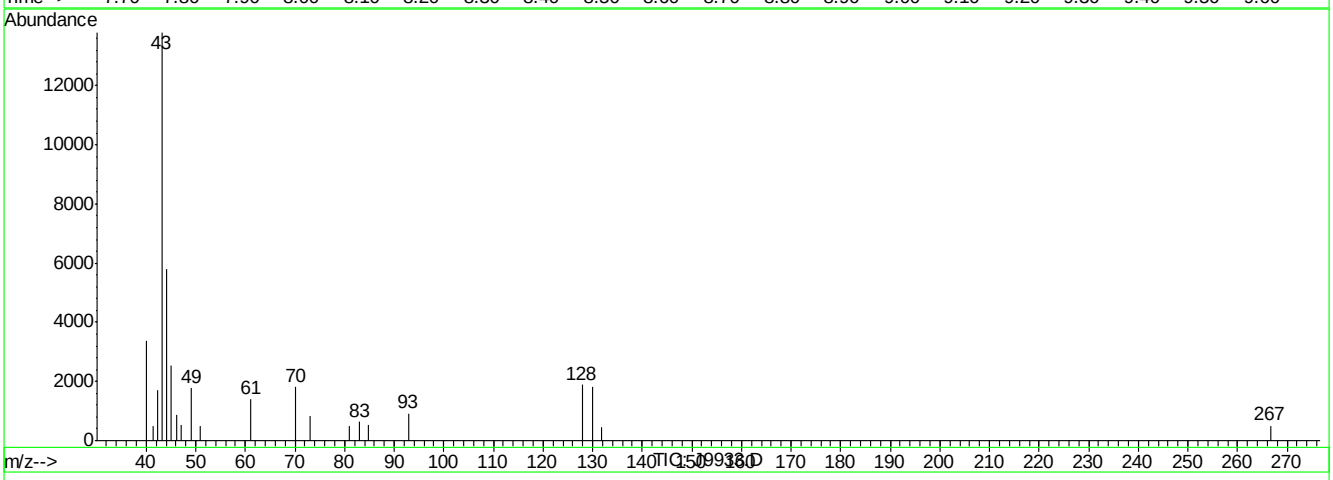
Quantitation Report (Qedit)

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

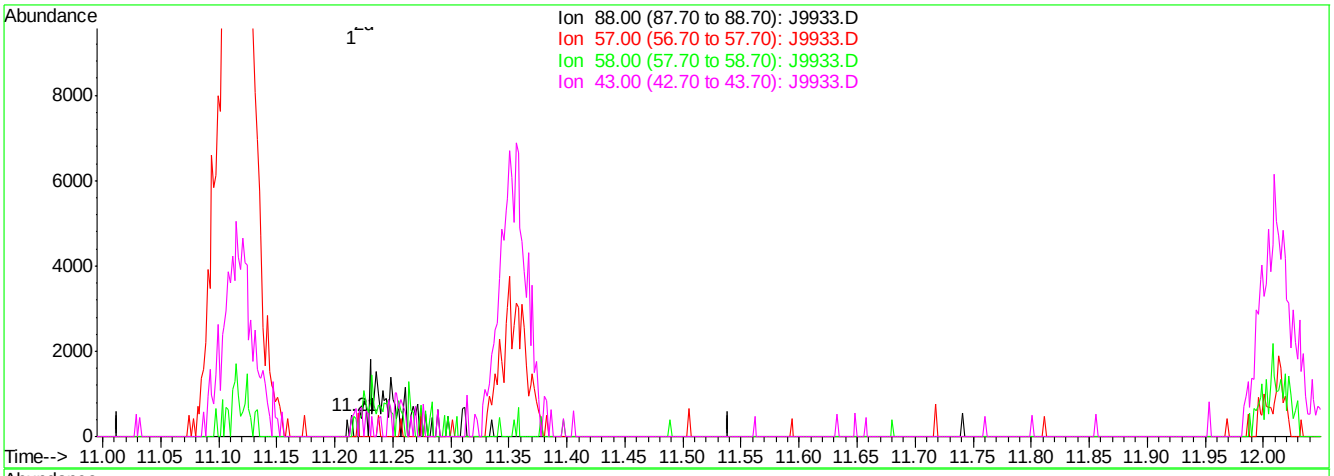
J9933.D J040407T.M Thu Apr 05 16:37:39 2007

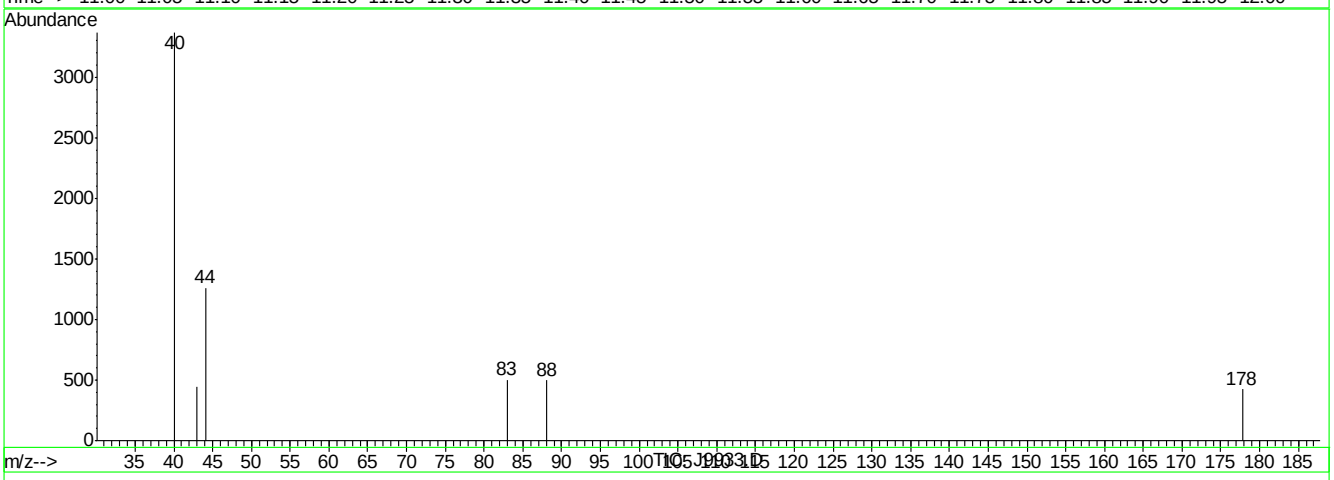
Quantitation Report (Qedit)

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#

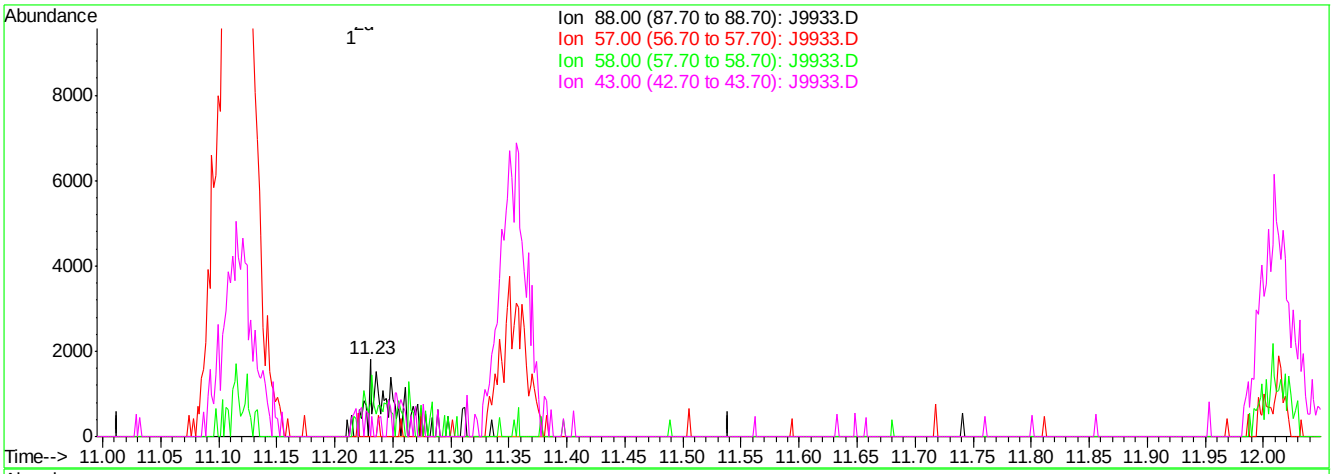
J9933.D J040407T.M Thu Apr 05 16:37:50 2007

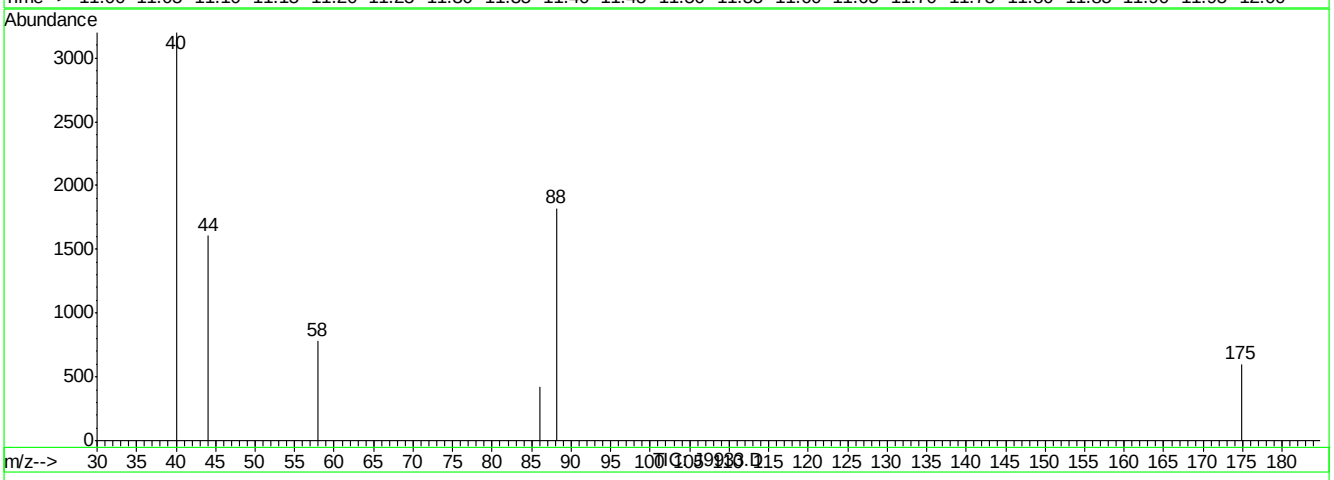
Quantitation Report (Qedit)

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#

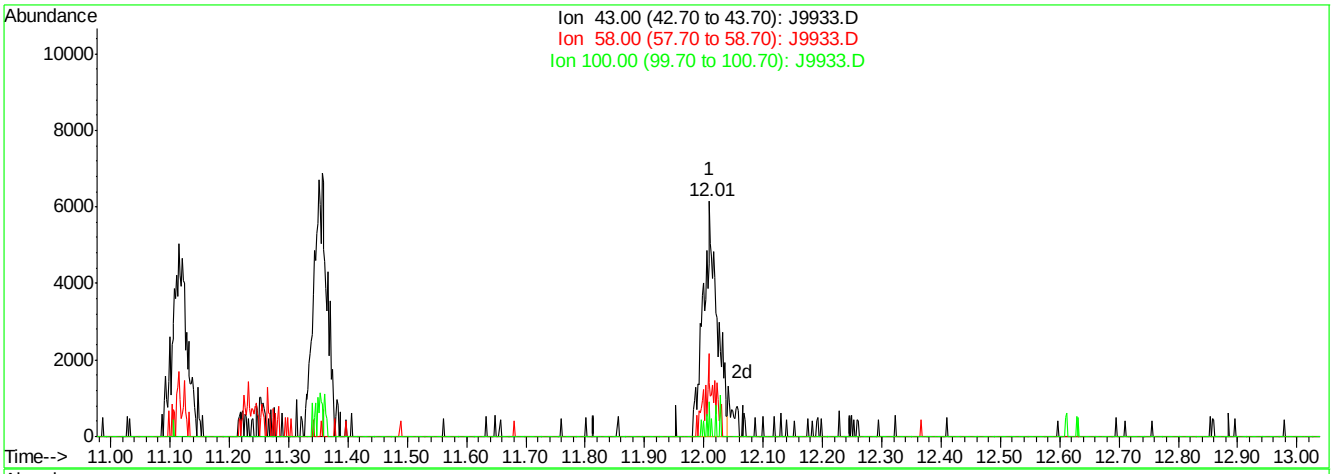
J9933.D J040407T.M Thu Apr 05 16:37:54 2007

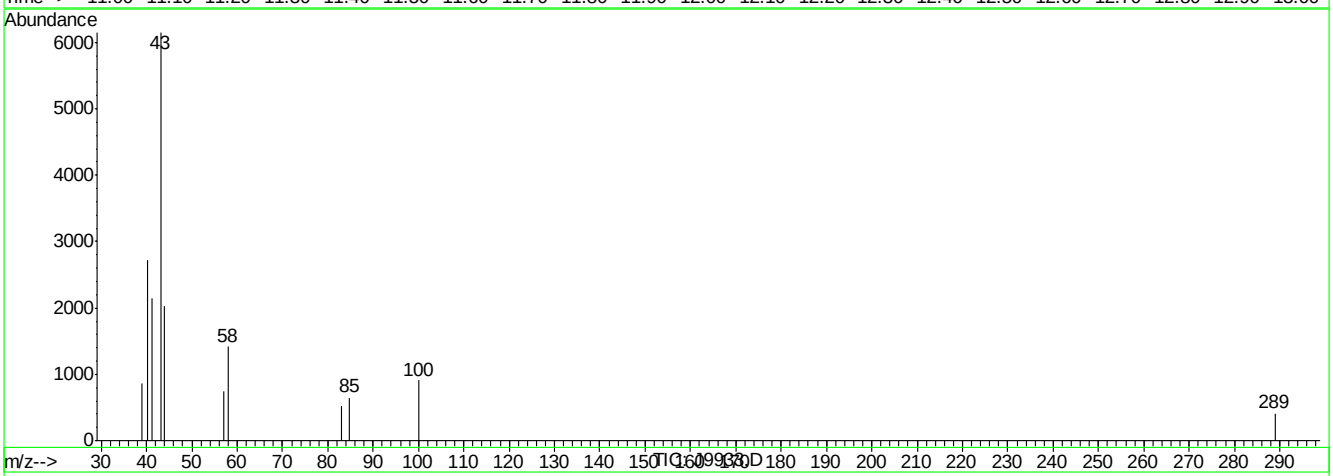
Quantitation Report (Qedit)

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

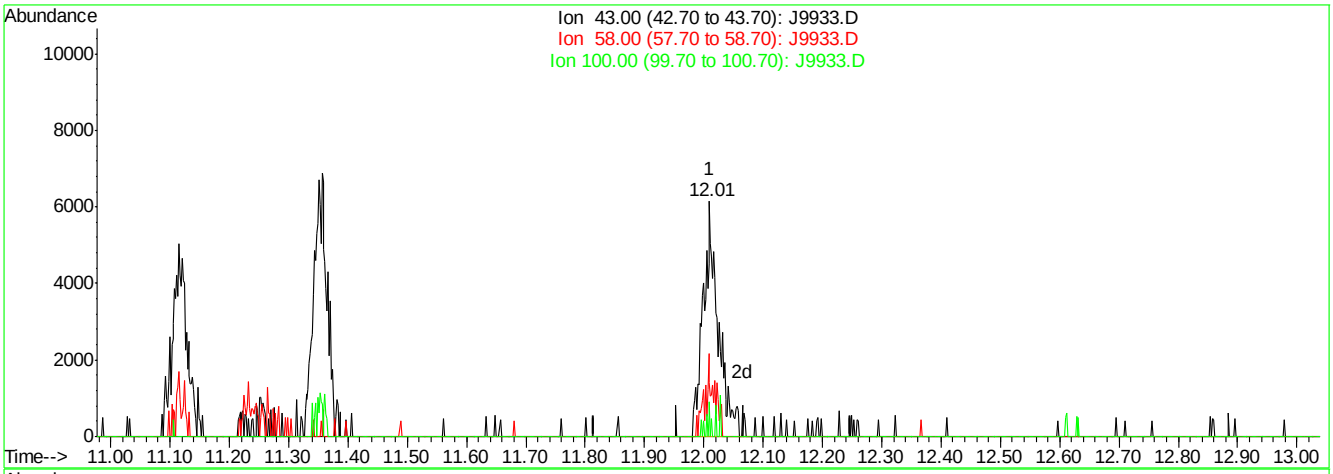
J9933.D J040407T.M Thu Apr 05 16:37:58 2007

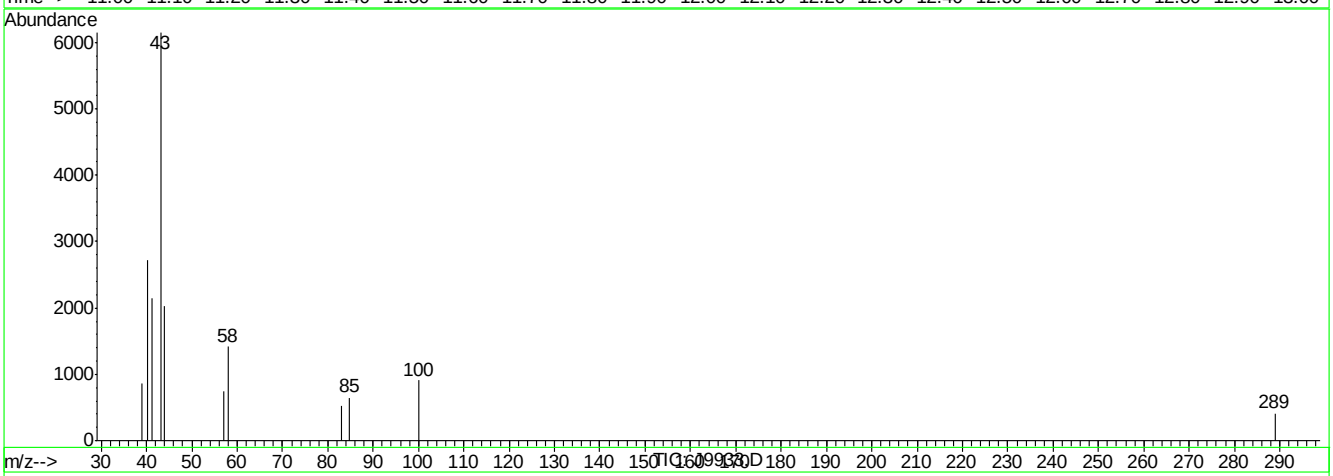
Quantitation Report (Qedit)

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

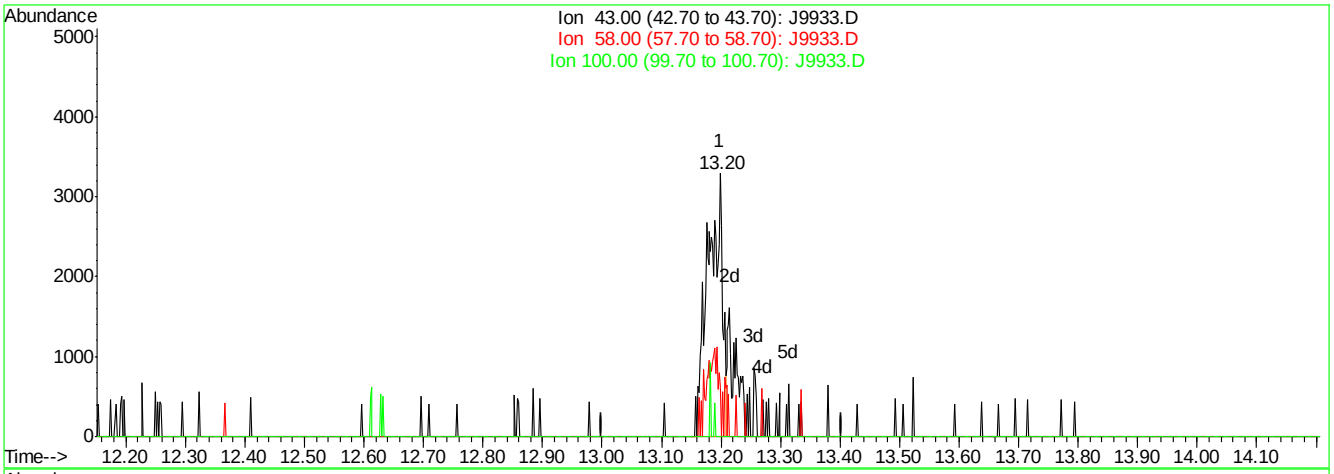
J9933.D J040407T.M Thu Apr 05 16:38:03 2007

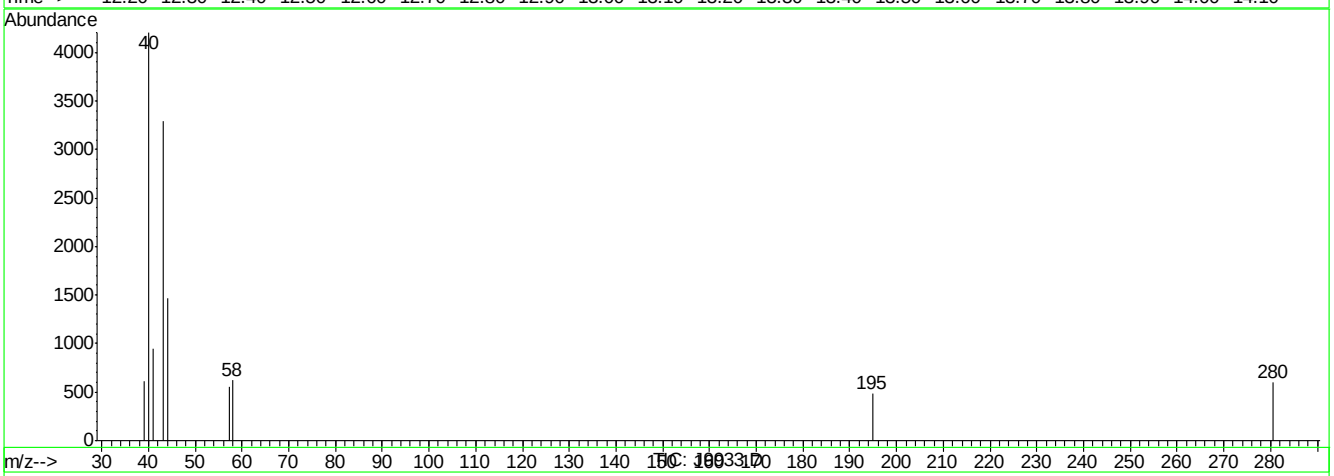
Quantitation Report (Qedit)

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

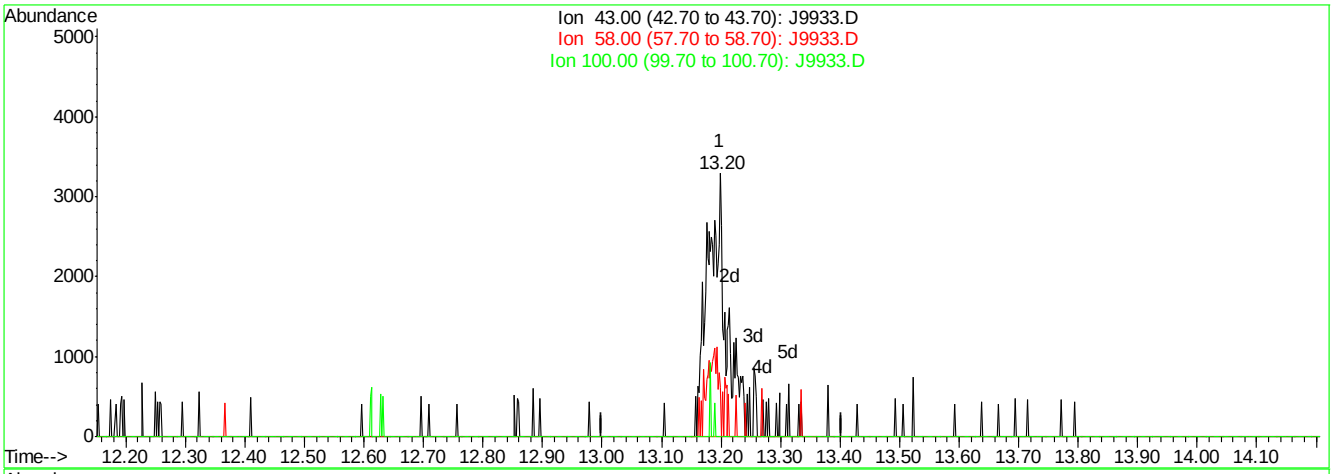
J9933.D J040407T.M Thu Apr 05 16:38:10 2007

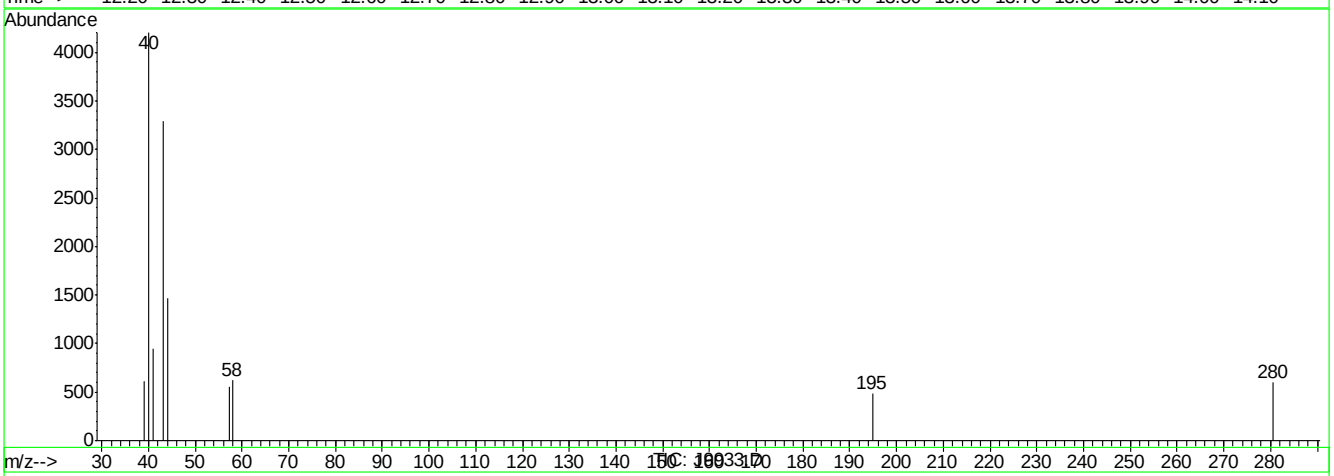
Quantitation Report (Qedit)

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

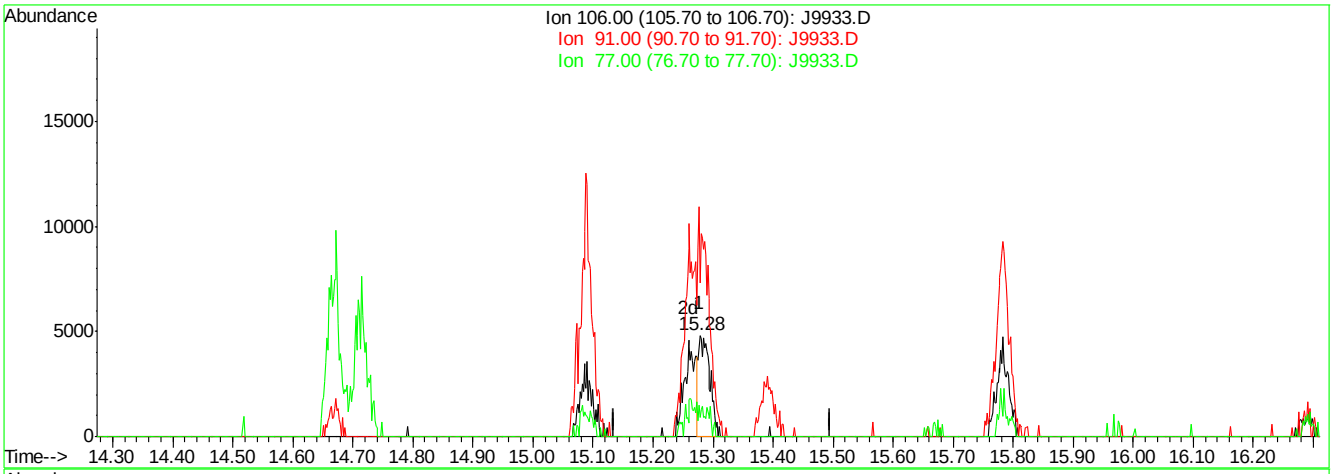
J9933.D J040407T.M Thu Apr 05 16:38:13 2007

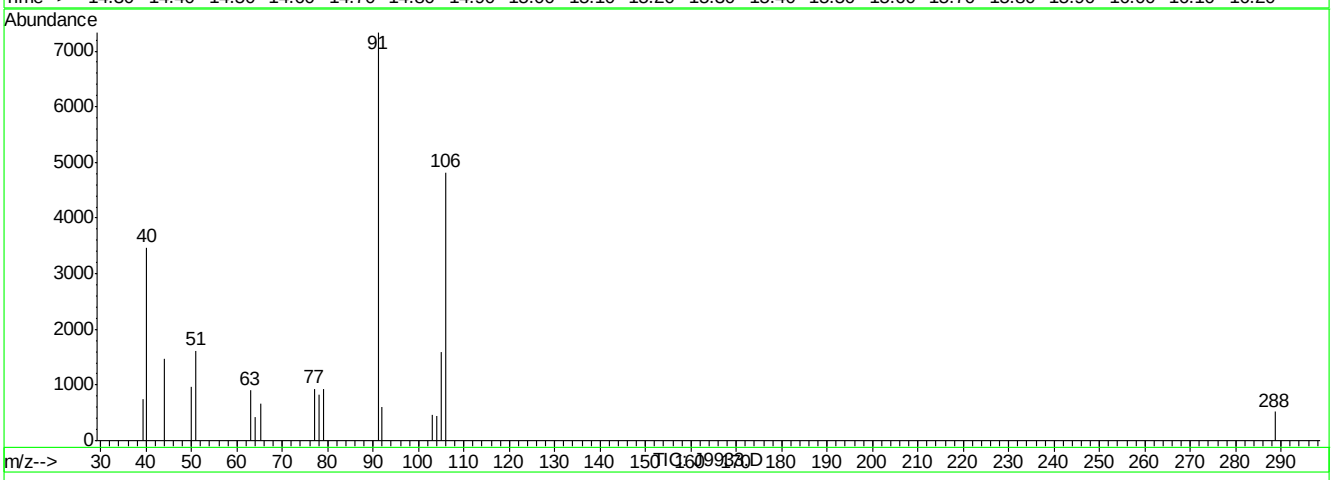
Quantitation Report (Qedit)

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

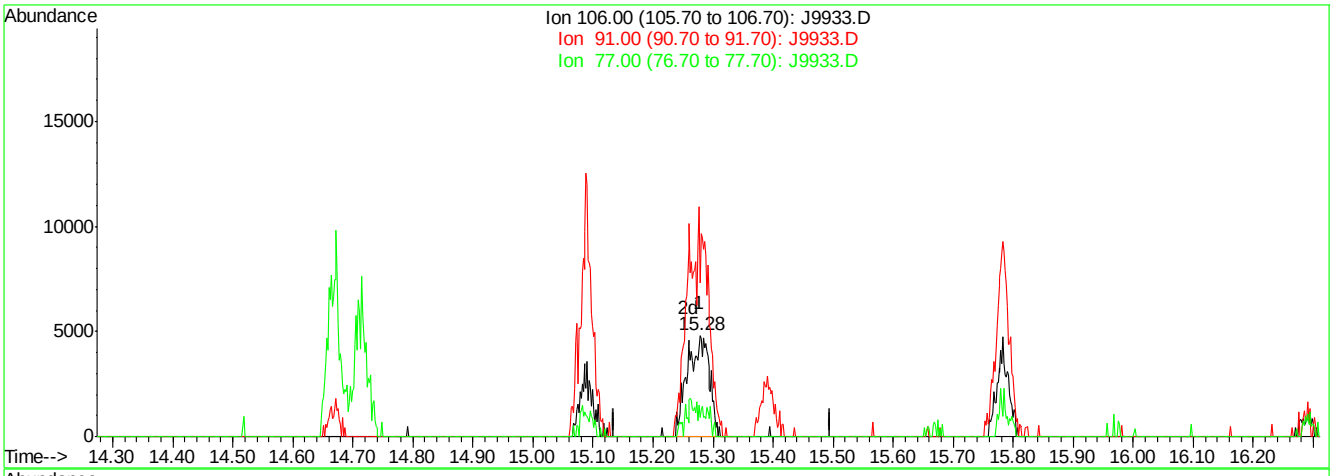
J9933.D J040407T.M Thu Apr 05 16:38:18 2007

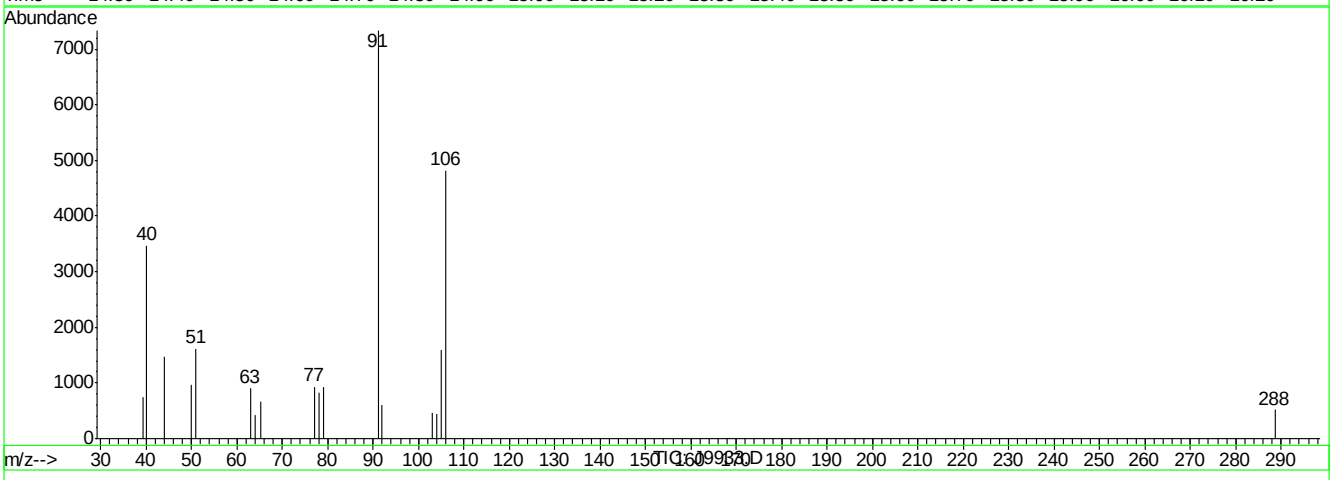
Quantitation Report (Qedit)

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

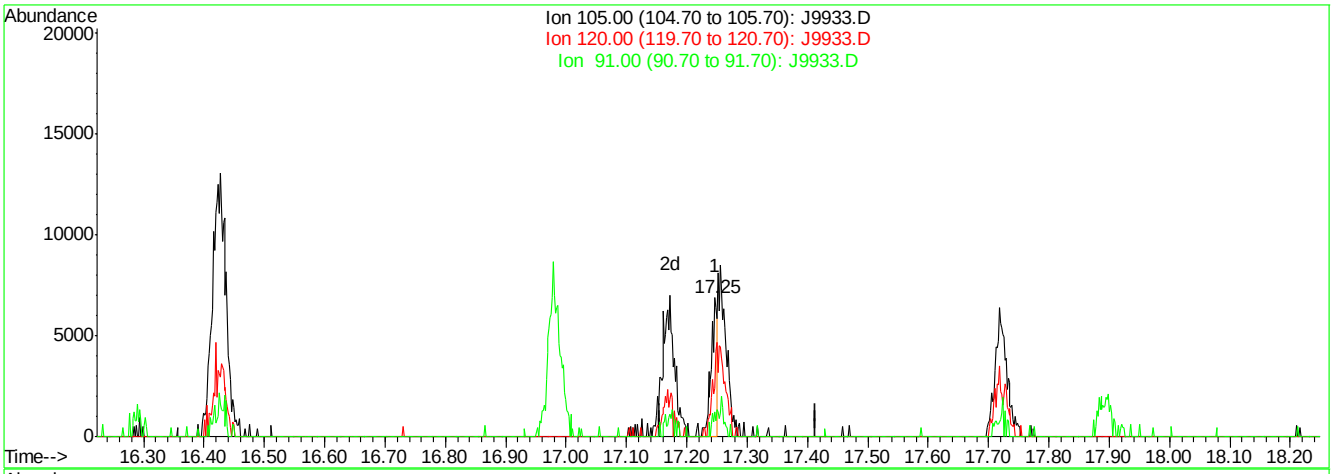
J9933.D J040407T.M Thu Apr 05 16:38:21 2007

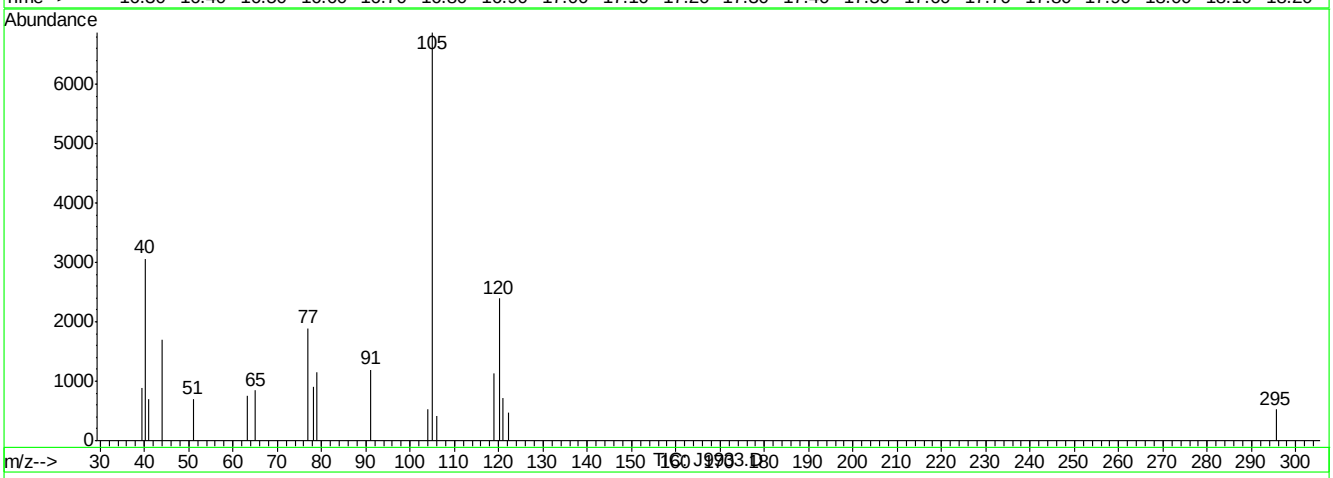
Quantitation Report (Qedit)

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

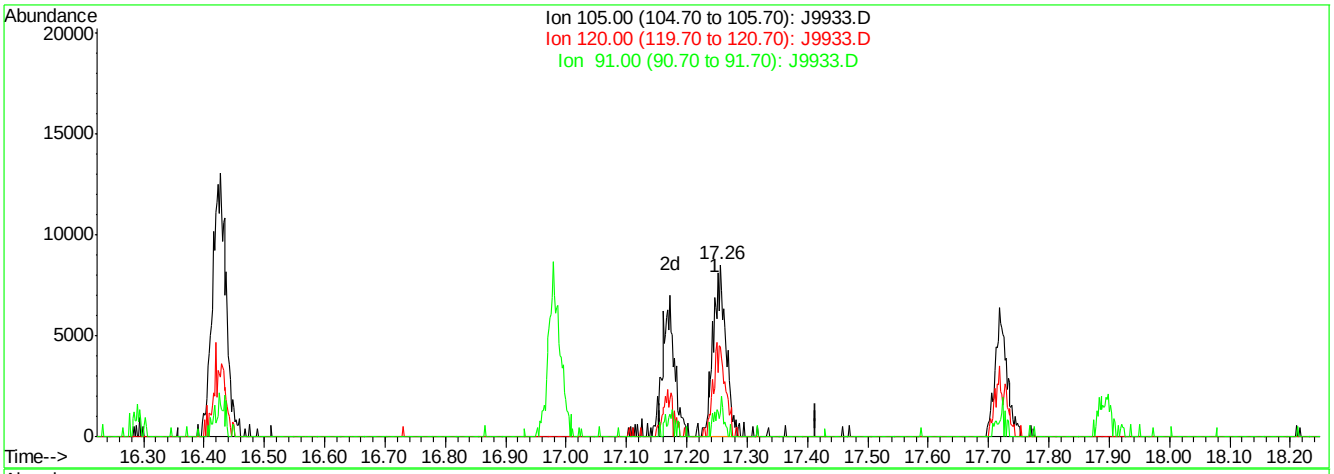
J9933.D J040407T.M Thu Apr 05 16:38:28 2007

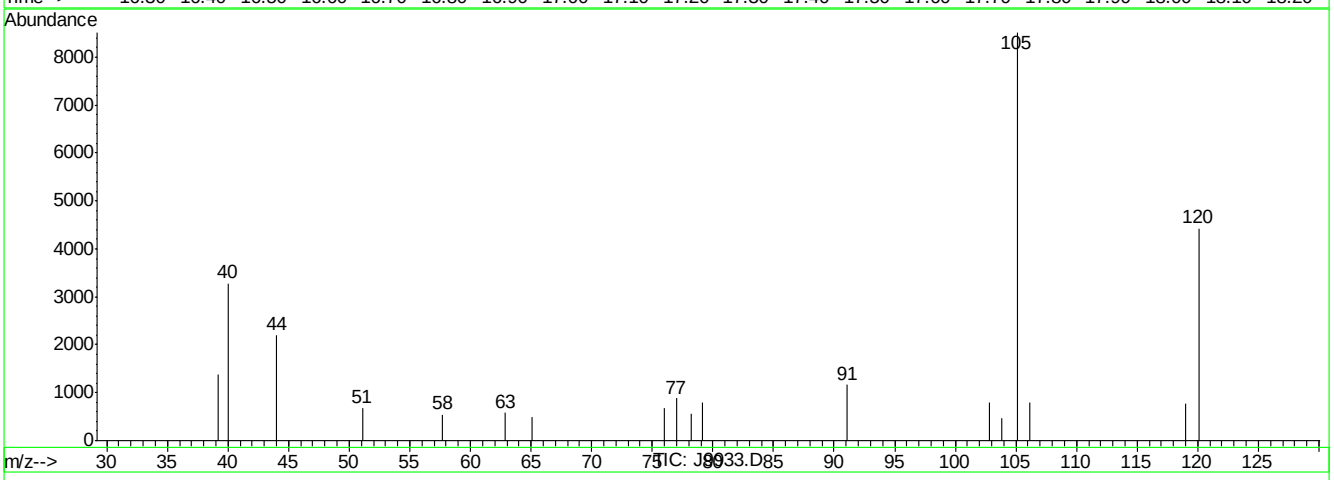
Quantitation Report (Qedit)

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

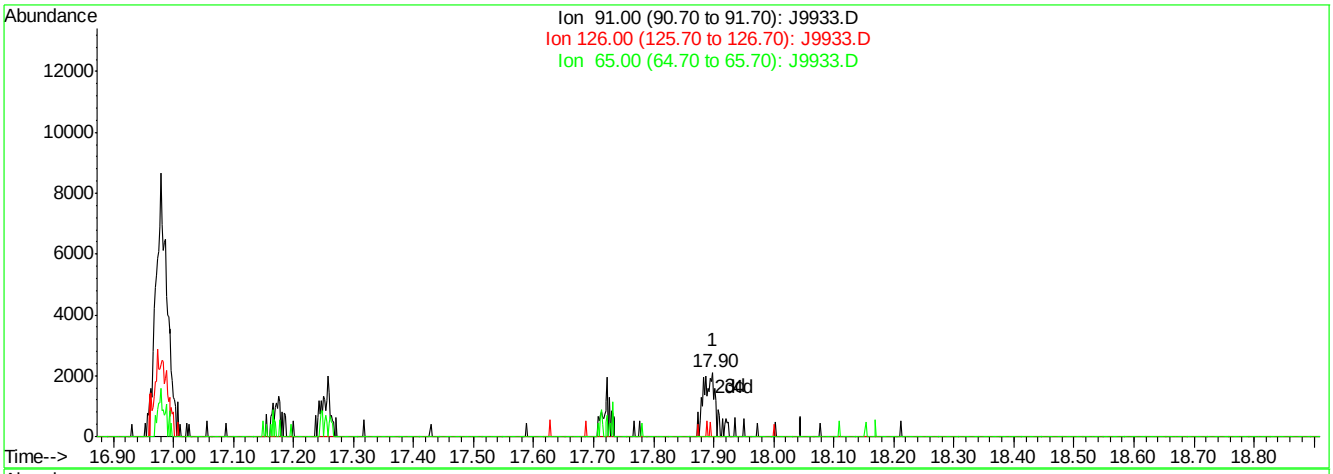
J9933.D J040407T.M Thu Apr 05 16:38:33 2007

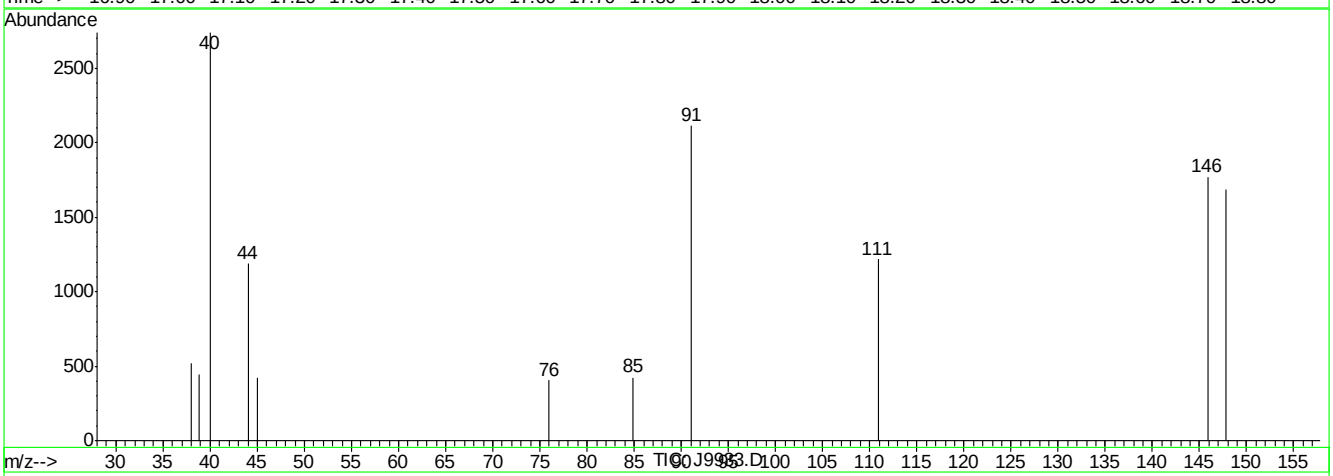
Quantitation Report (Qedit)

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

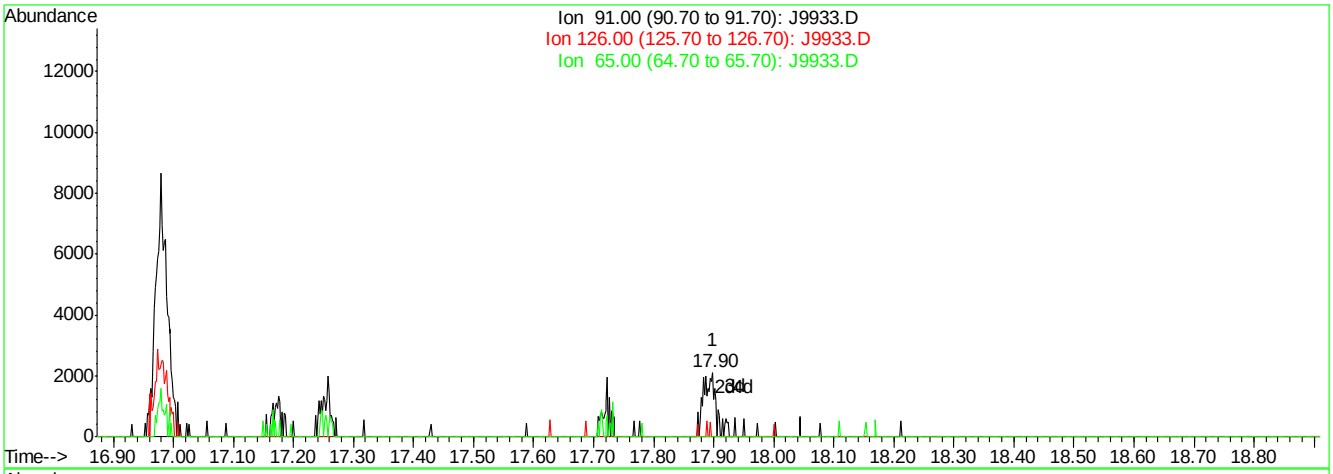
J9933.D J040407T.M Thu Apr 05 16:38:38 2007

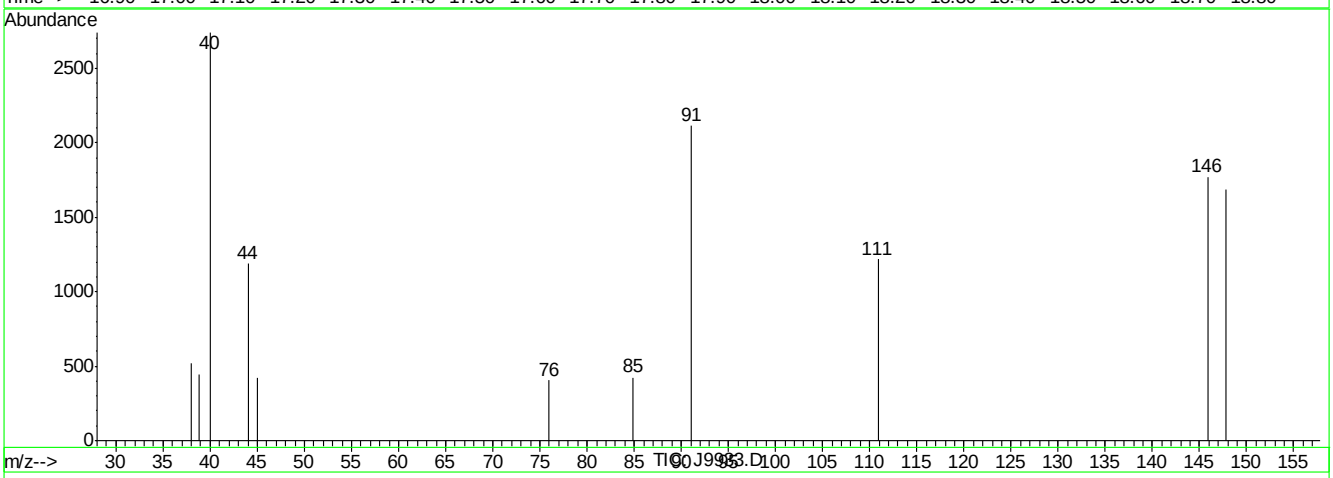
Quantitation Report (Qedit)

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

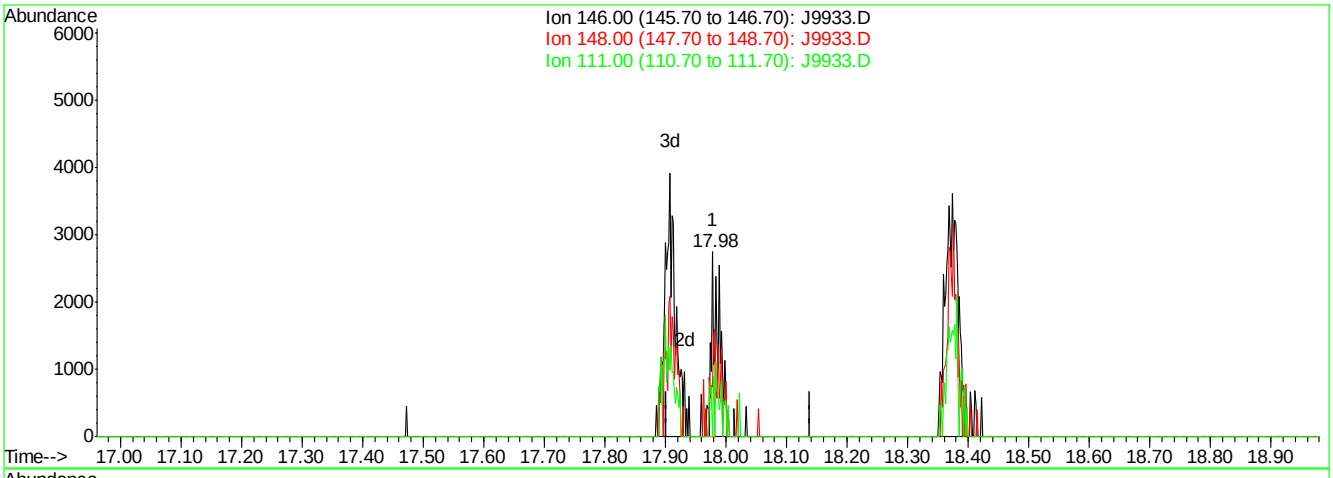
J9933.D J040407T.M Thu Apr 05 16:38:41 2007

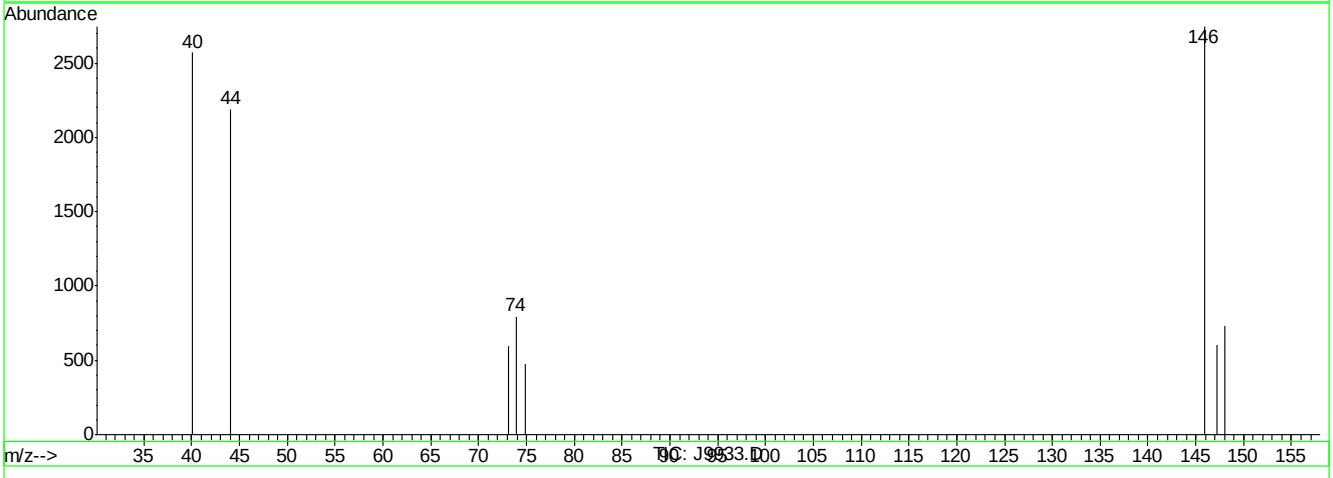
Quantitation Report (Qedit)

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

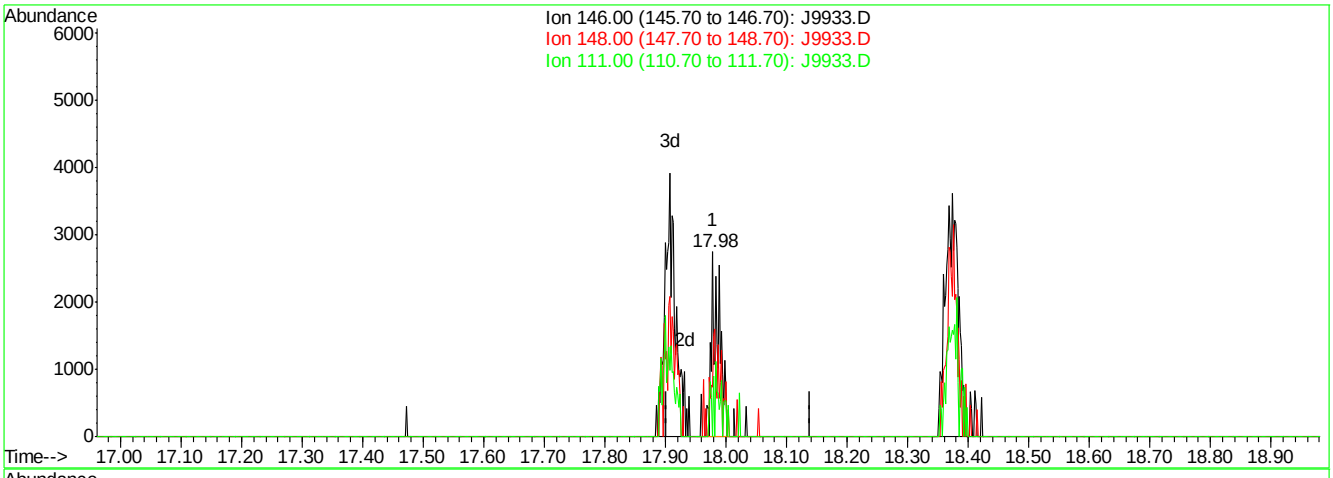
J9933.D J040407T.M Thu Apr 05 16:38:44 2007

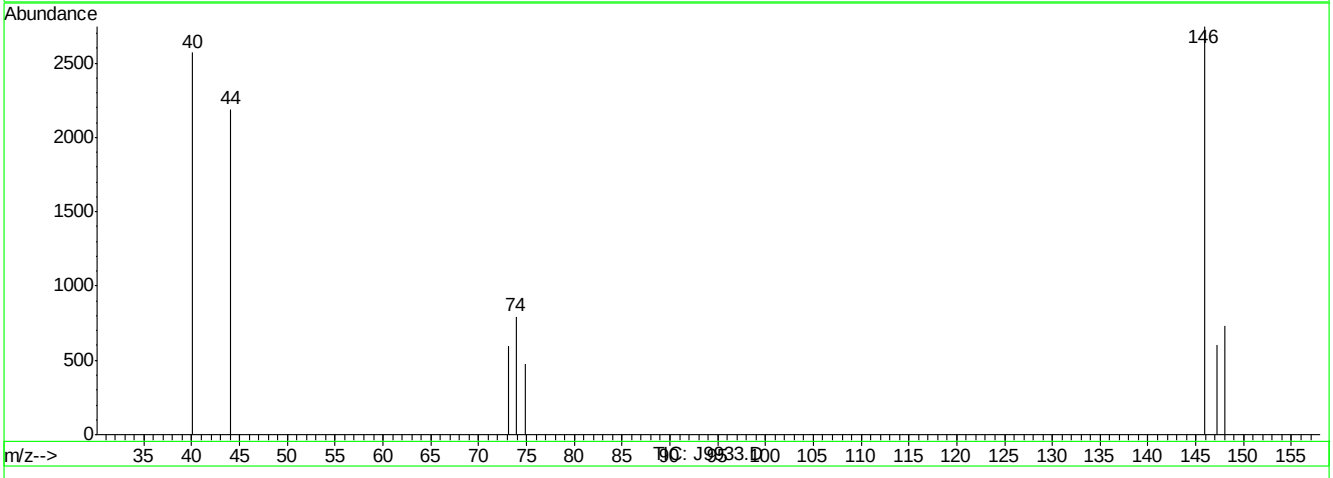
Quantitation Report (Qedit)

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

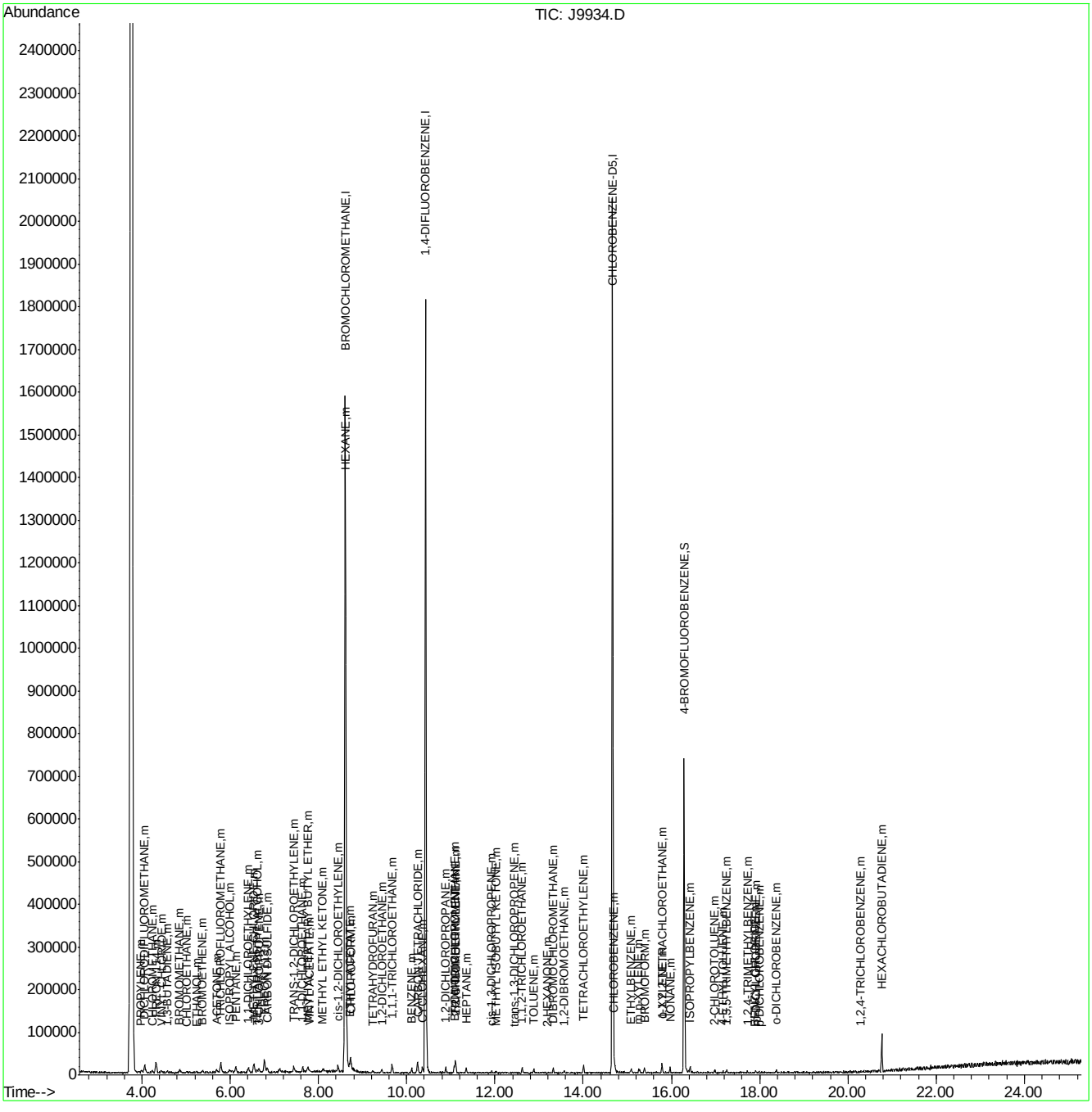
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) cis-1,3-DICHLOROPROPENE	11.93	75	2014	0.07	PPBV		85
46) TOLUENE	12.88	92	3597	0.10	PPBV		87
47) trans-1,3-DICHLOROPROPENE	12.43	75	772	0.04	PPBV	#	70
48) 1,1,2-TRICHLOROETHANE	12.61	83	3072	0.14	PPBV		84
50) 2-HEXANONE	13.20	43	2357m	0.07	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

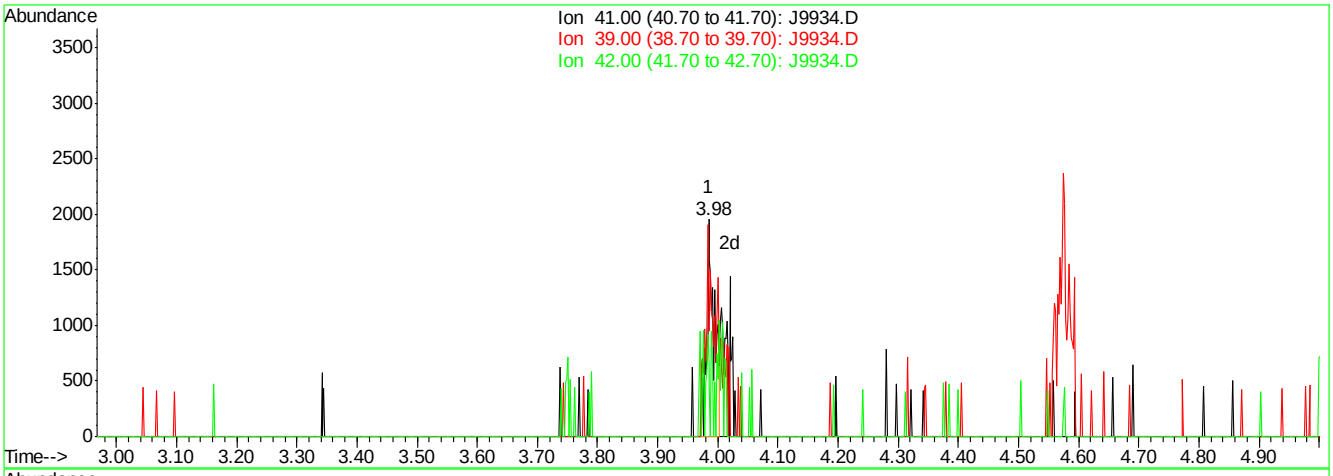


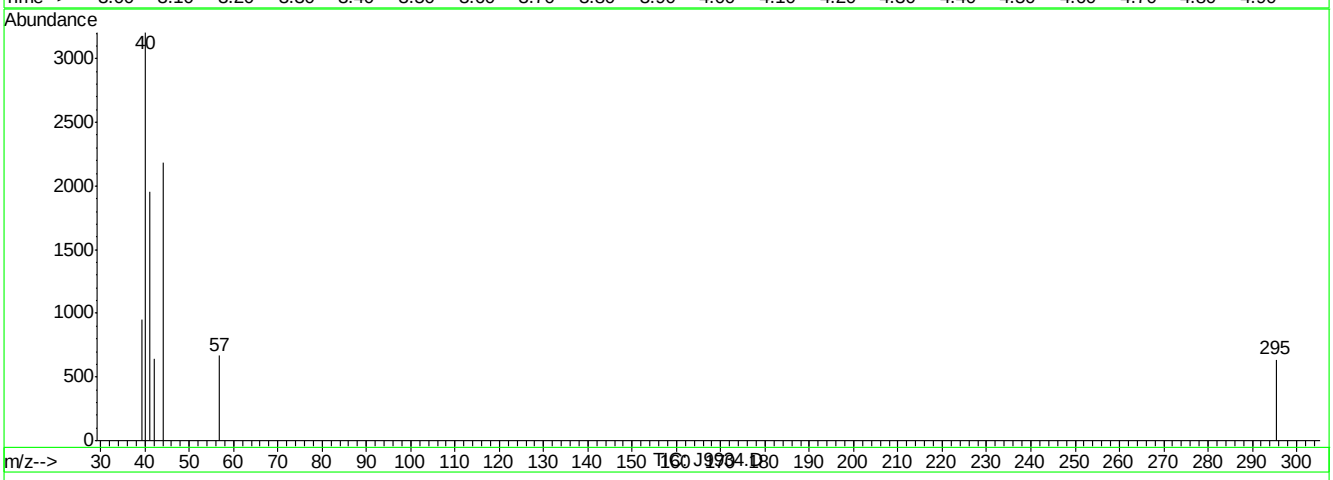
Quantitation Report (Qedit)

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

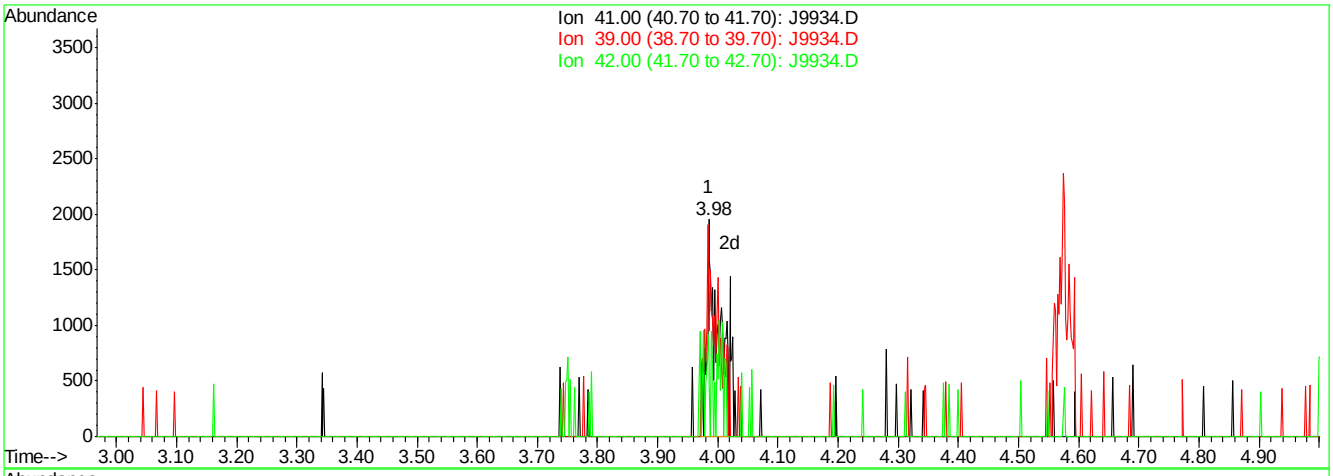
J9934.D J040407T.M Thu Apr 05 17:11:36 2007

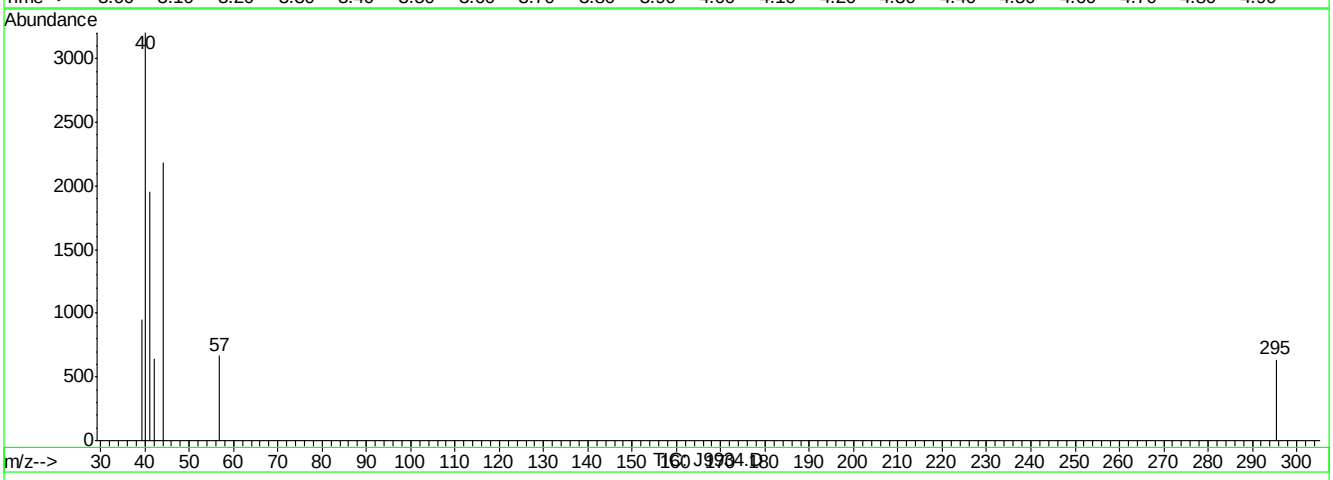
Quantitation Report (Qedit)

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

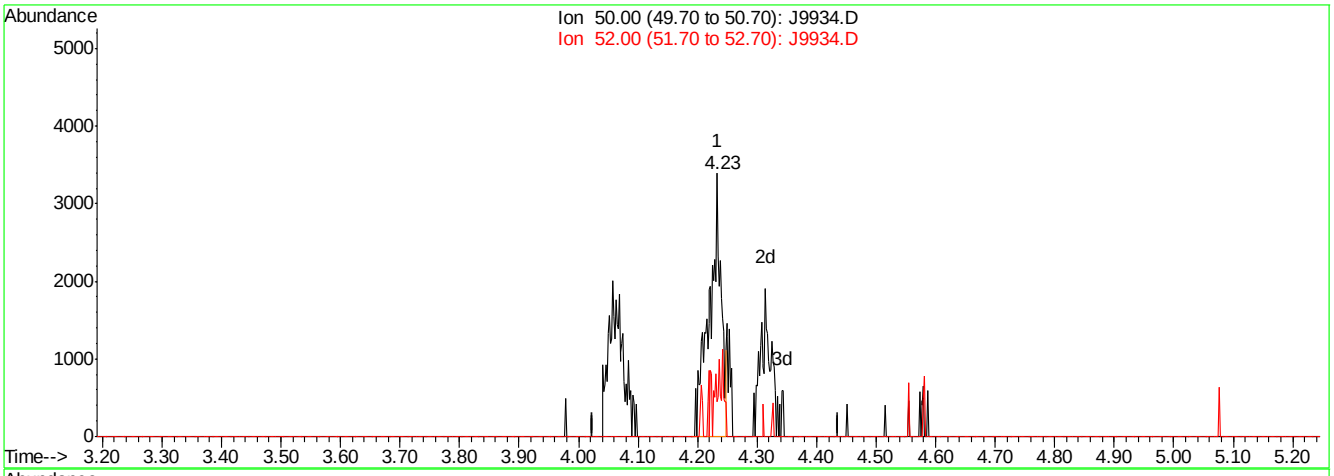
J9934.D J040407T.M Thu Apr 05 17:11:39 2007

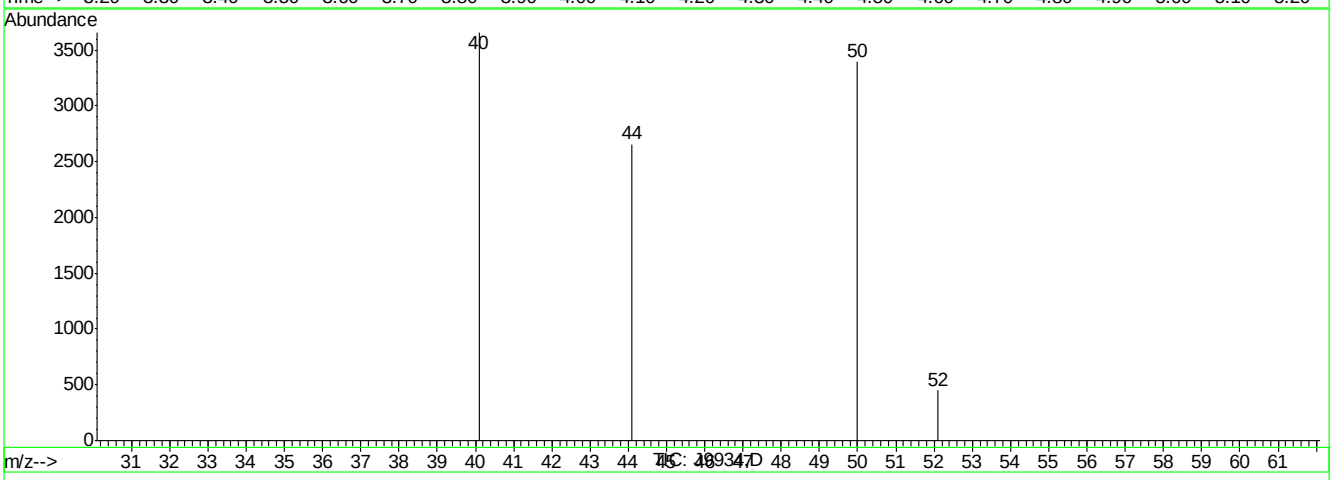
Quantitation Report (Qedit)

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

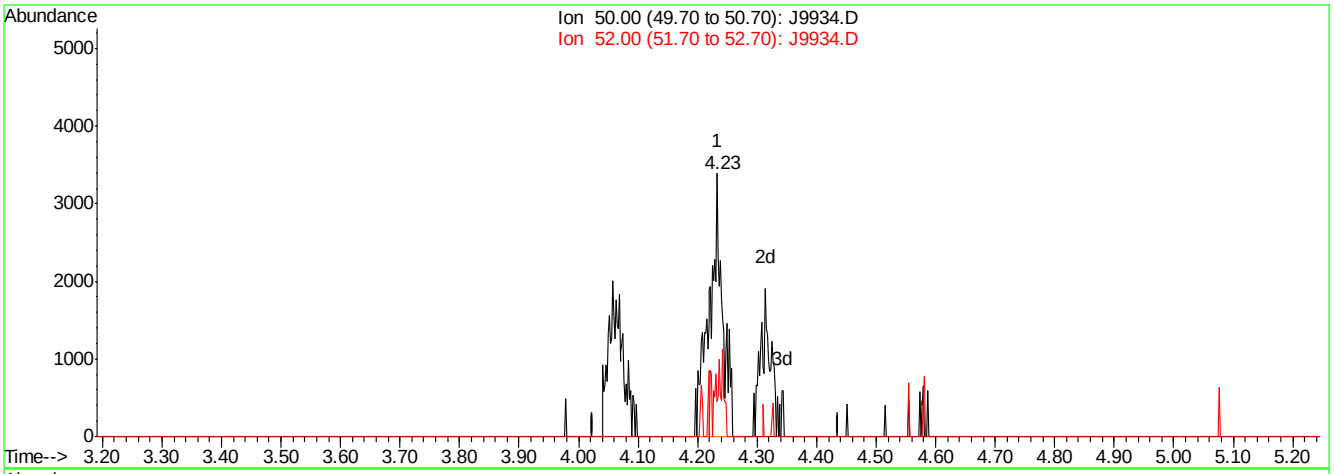
J9934.D J040407T.M Thu Apr 05 17:12:26 2007

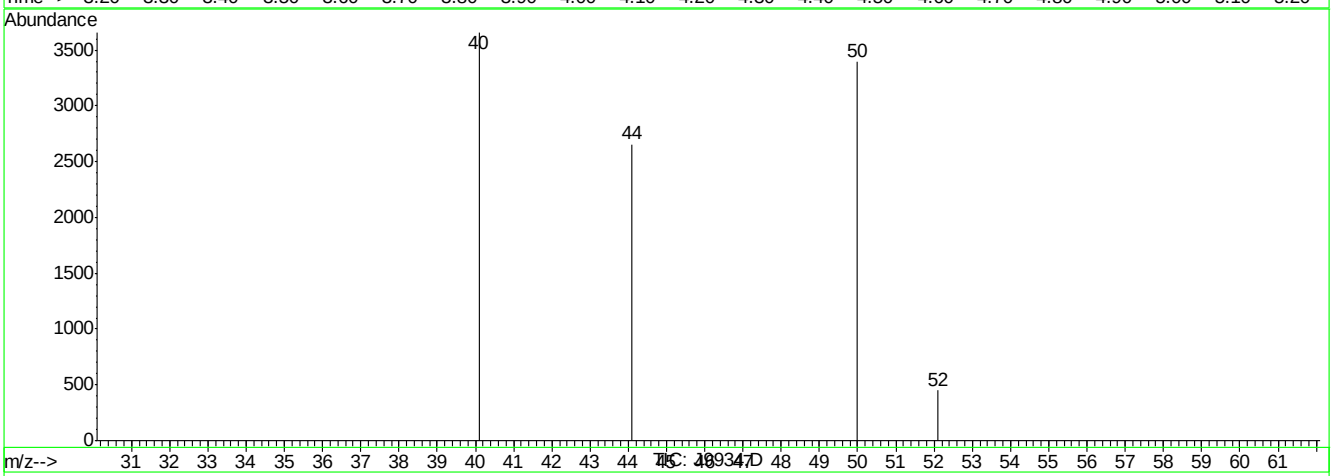
Quantitation Report (Qedit)

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

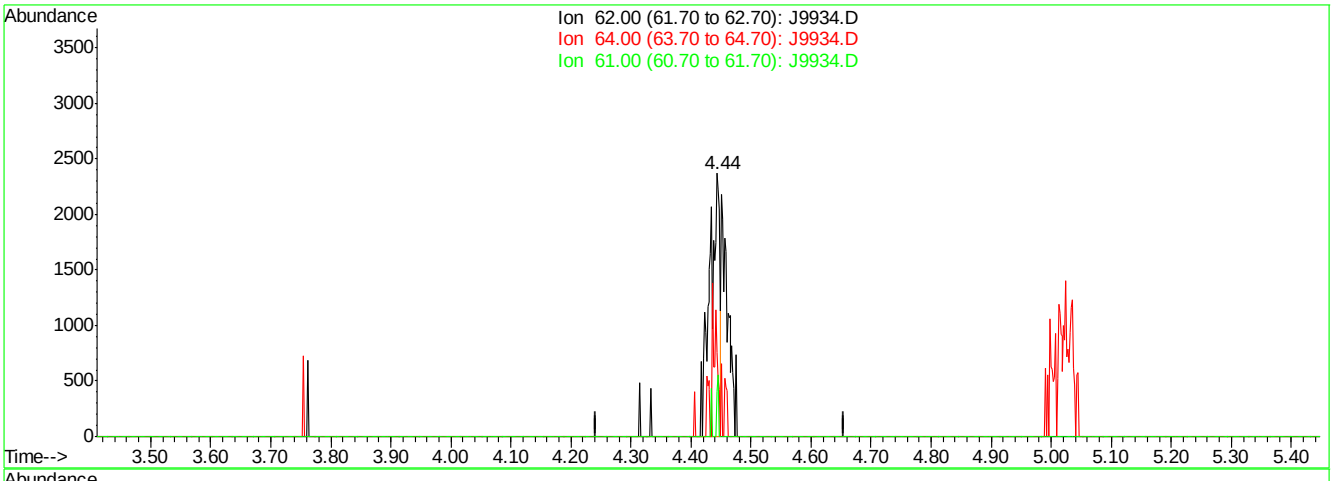
J9934.D J040407T.M Thu Apr 05 17:12:31 2007

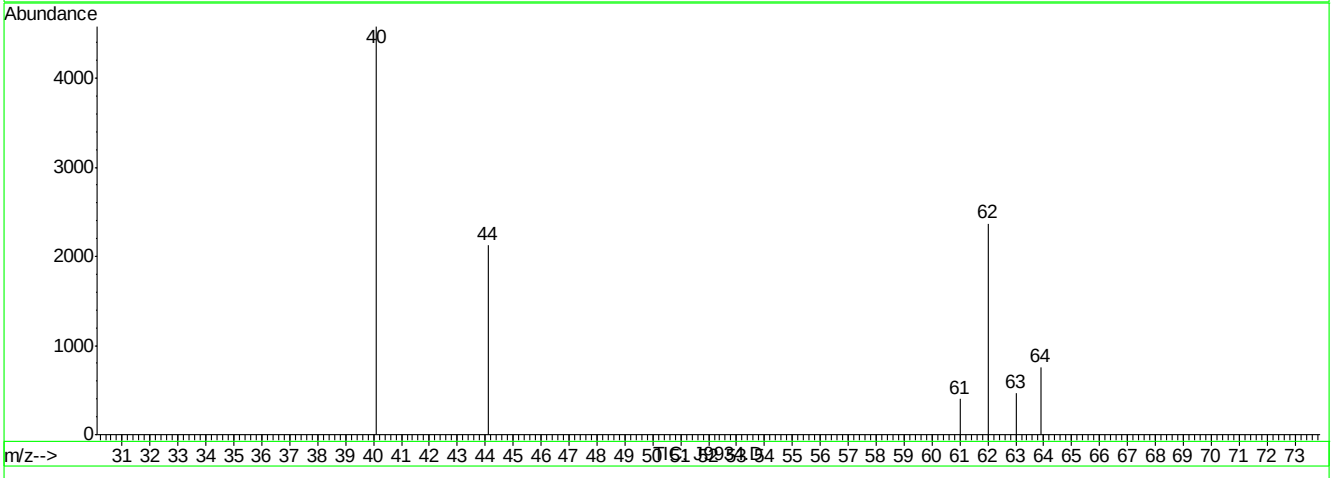
Quantitation Report (Qedit)

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

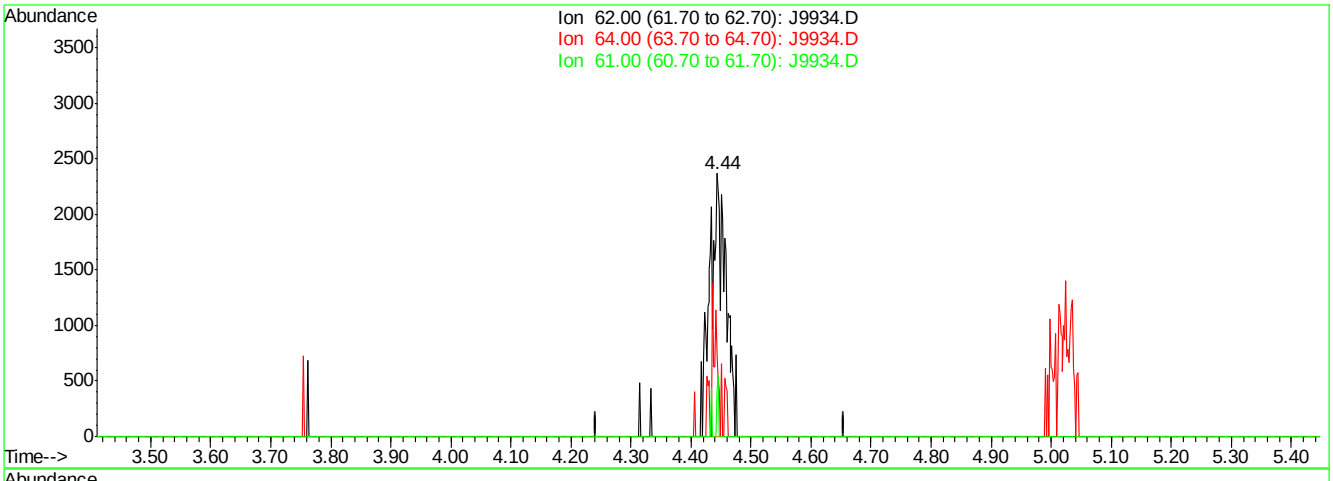
J9934.D J040407T.M Thu Apr 05 17:12:34 2007

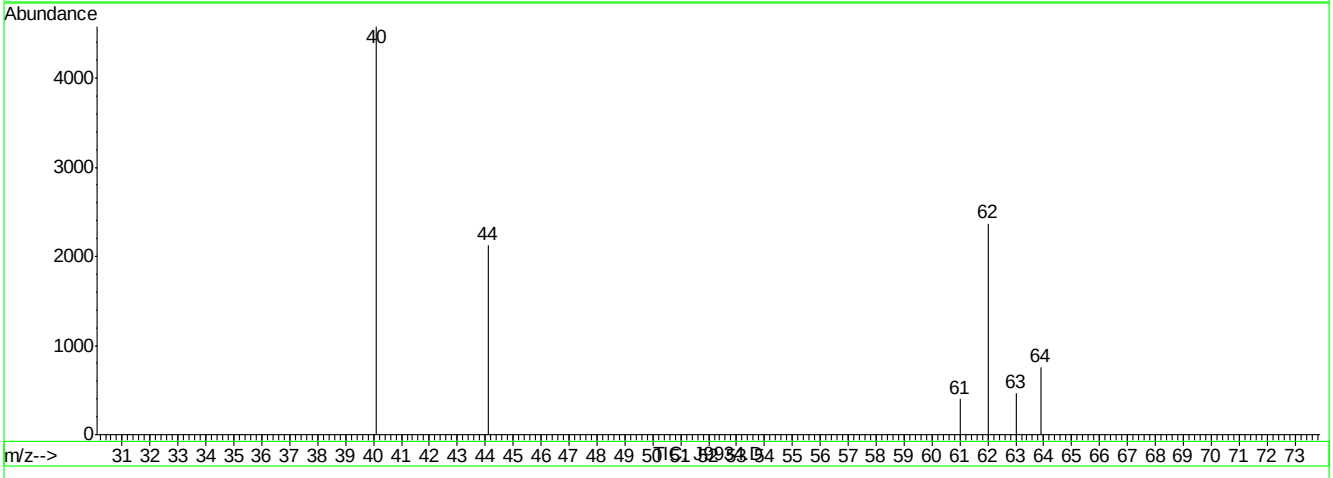
Quantitation Report (Qedit)

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

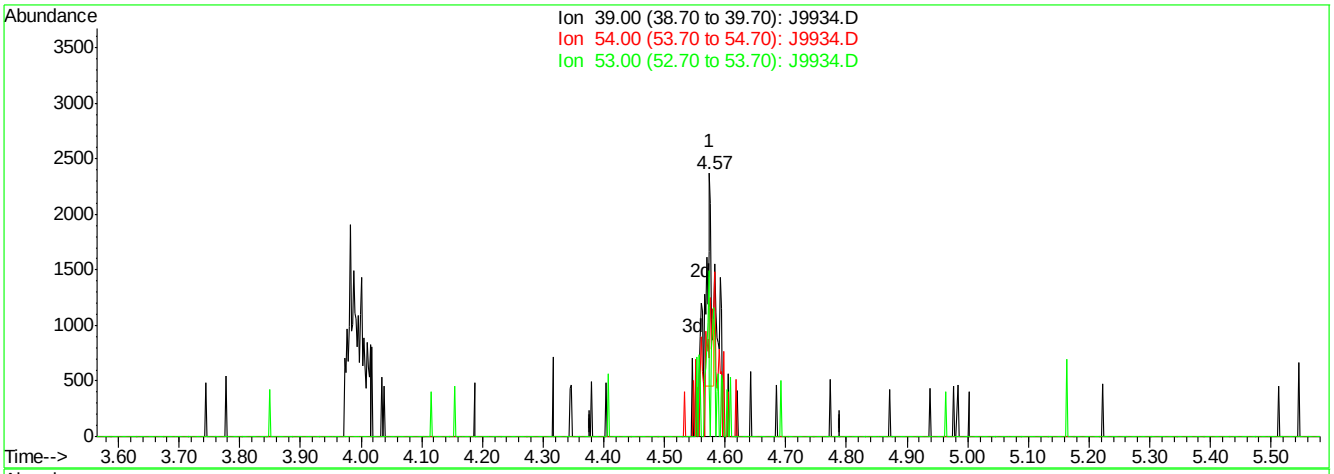
J9934.D J040407T.M Thu Apr 05 17:12:37 2007

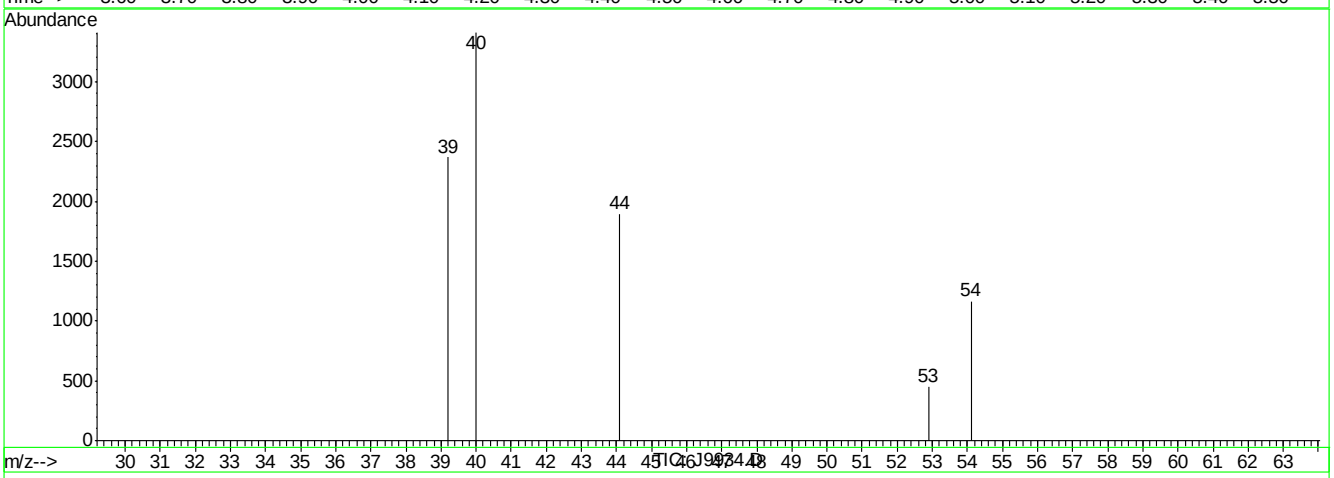
Quantitation Report (Qedit)

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

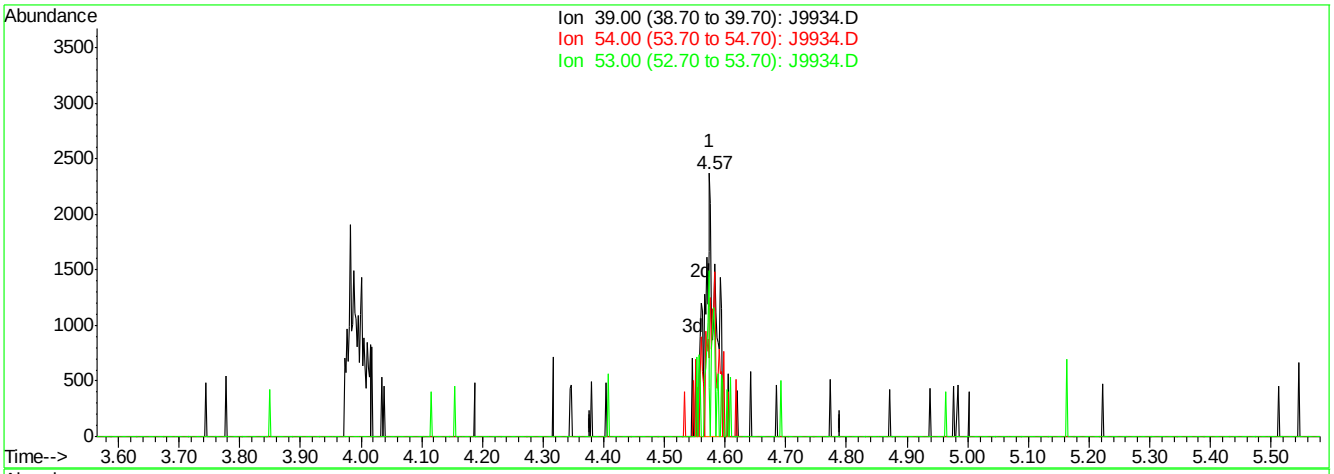
J9934.D J040407T.M Thu Apr 05 17:12:40 2007

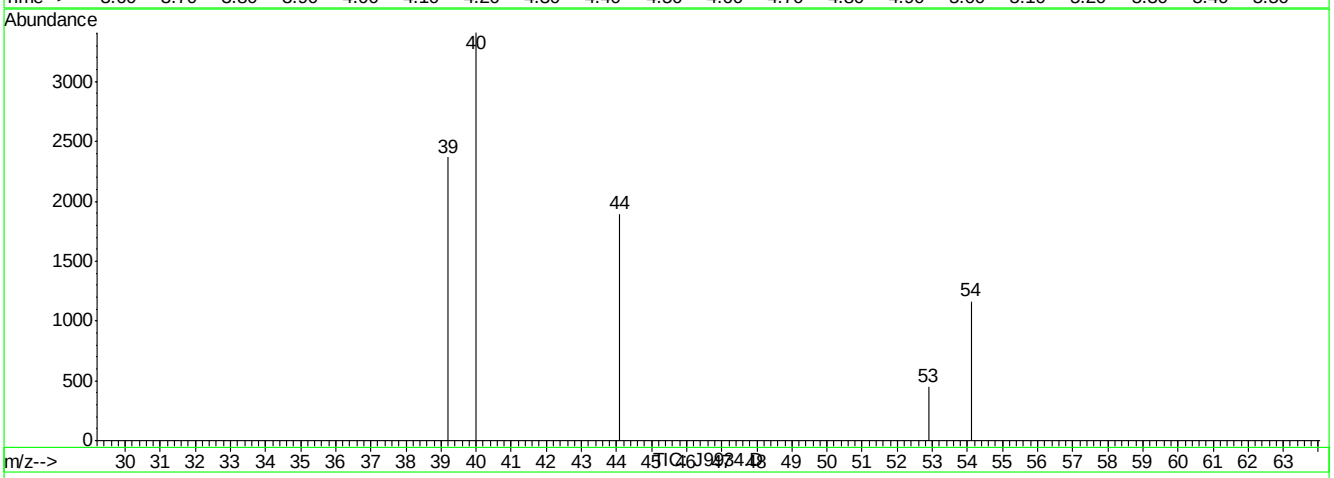
Quantitation Report (Qedit)

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

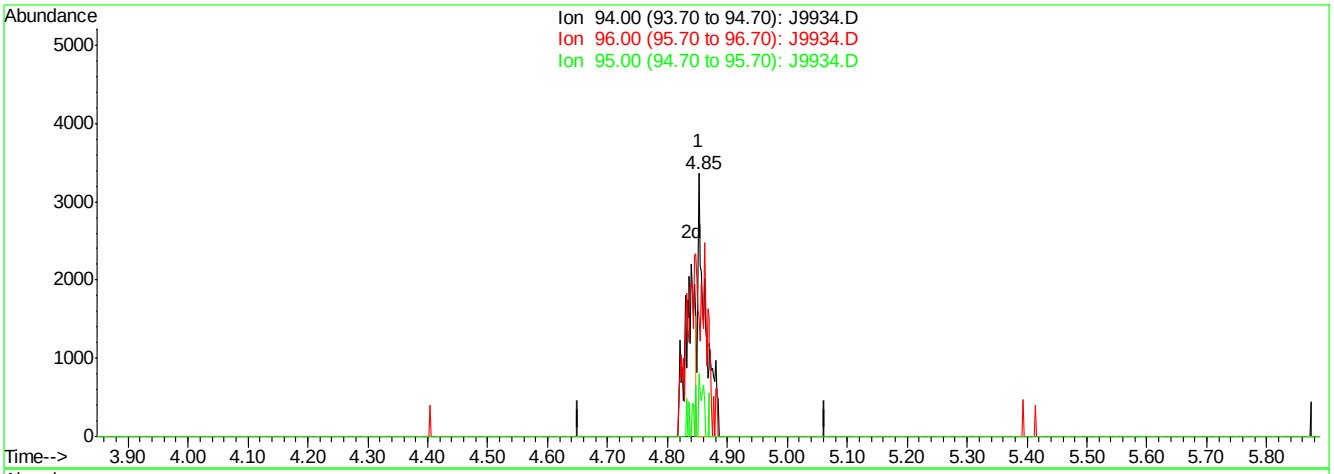
J9934.D J040407T.M Thu Apr 05 17:12:44 2007

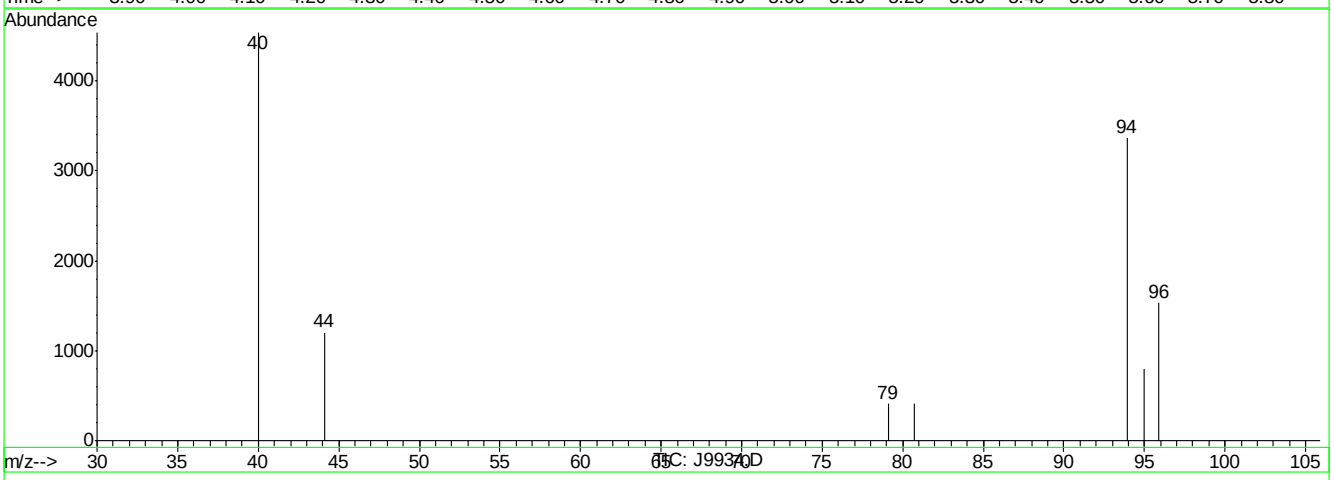
Quantitation Report (Qedit)

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

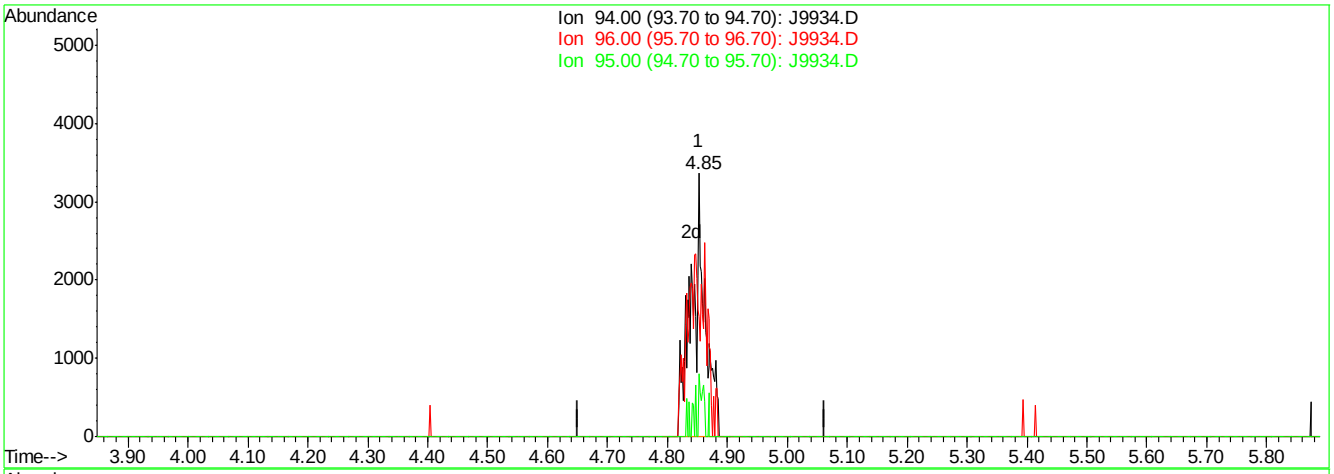
J9934.D J040407T.M Thu Apr 05 17:12:47 2007

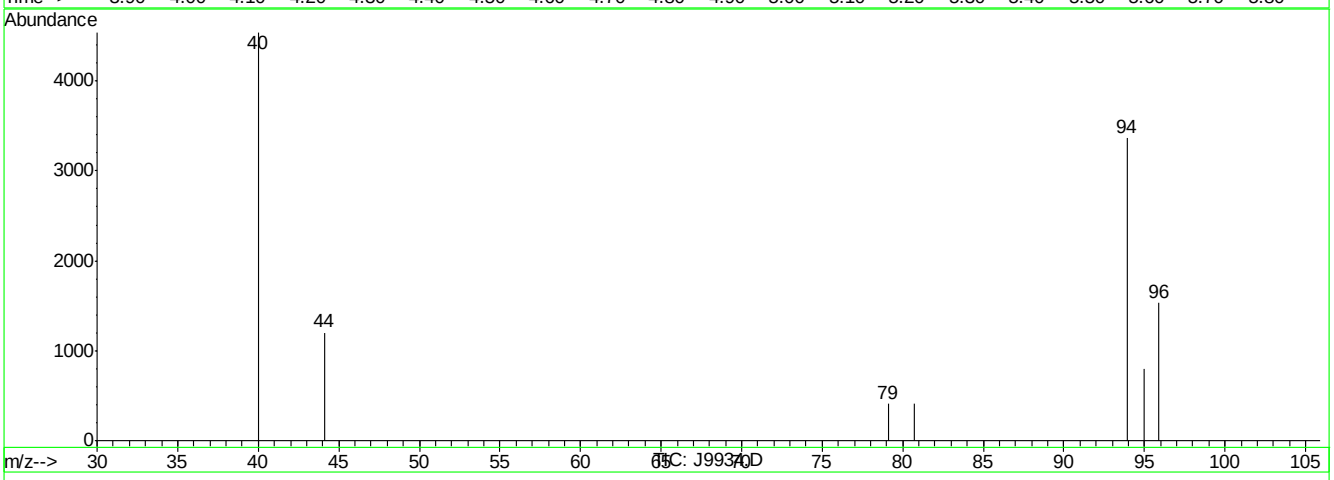
Quantitation Report (Qedit)

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

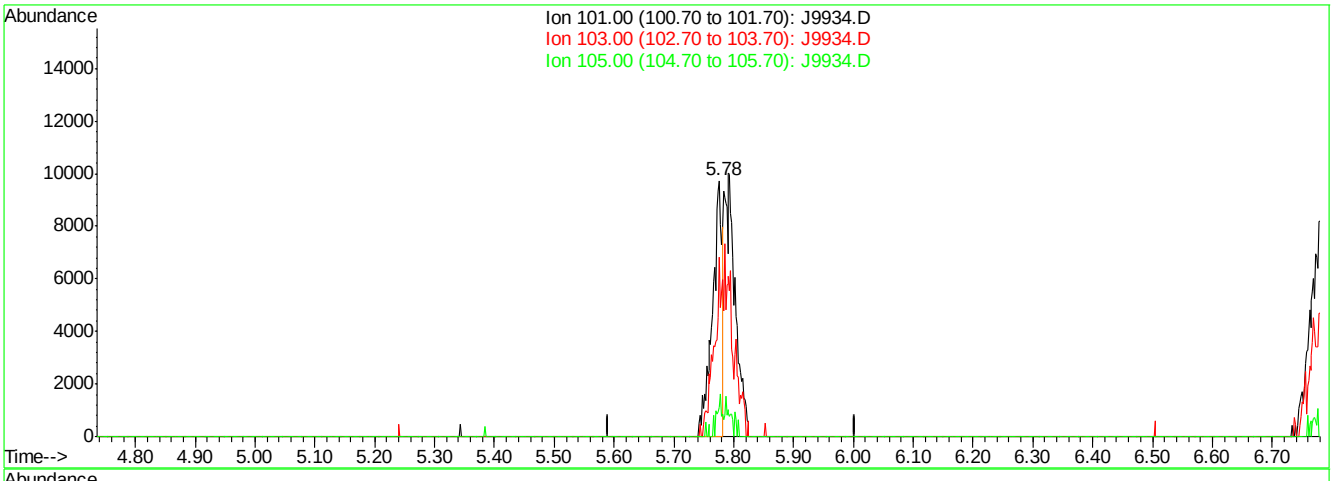
J9934.D J040407T.M Thu Apr 05 17:12:50 2007

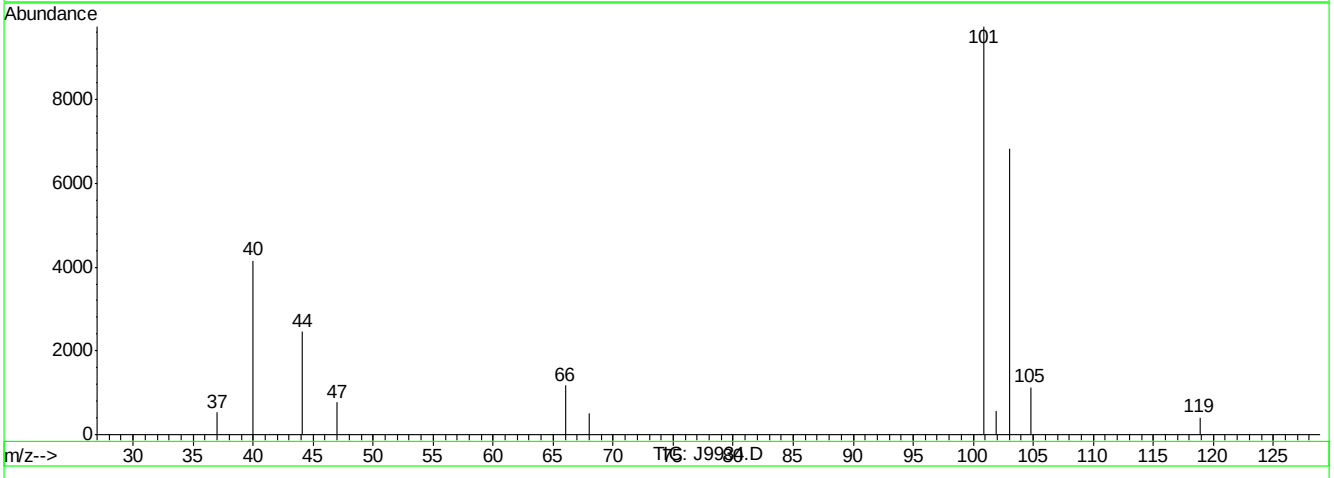
Quantitation Report (Qedit)

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

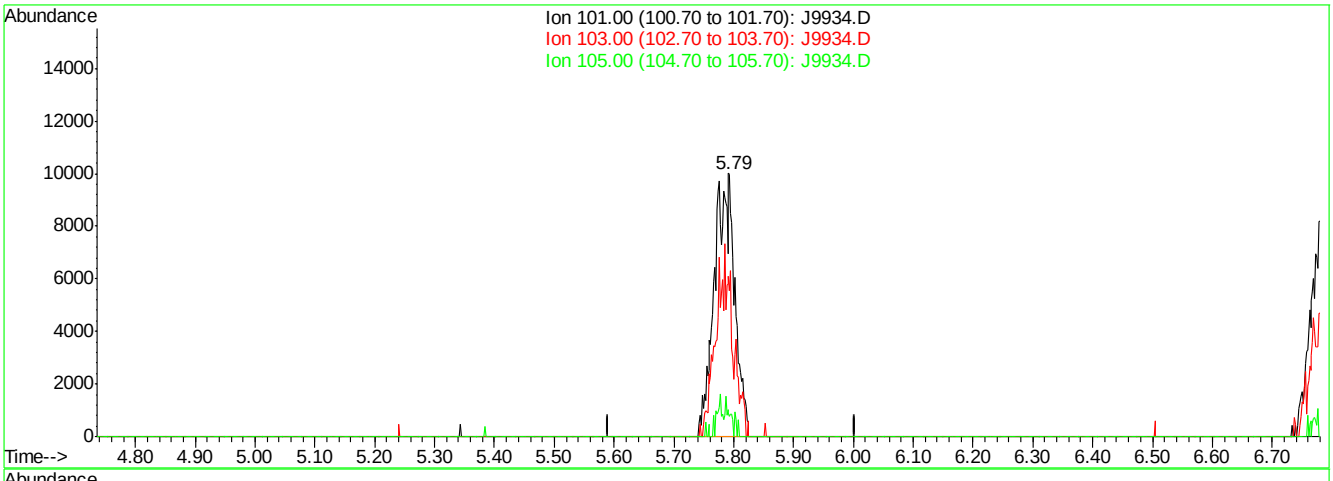
J9934.D J040407T.M Thu Apr 05 17:12:58 2007

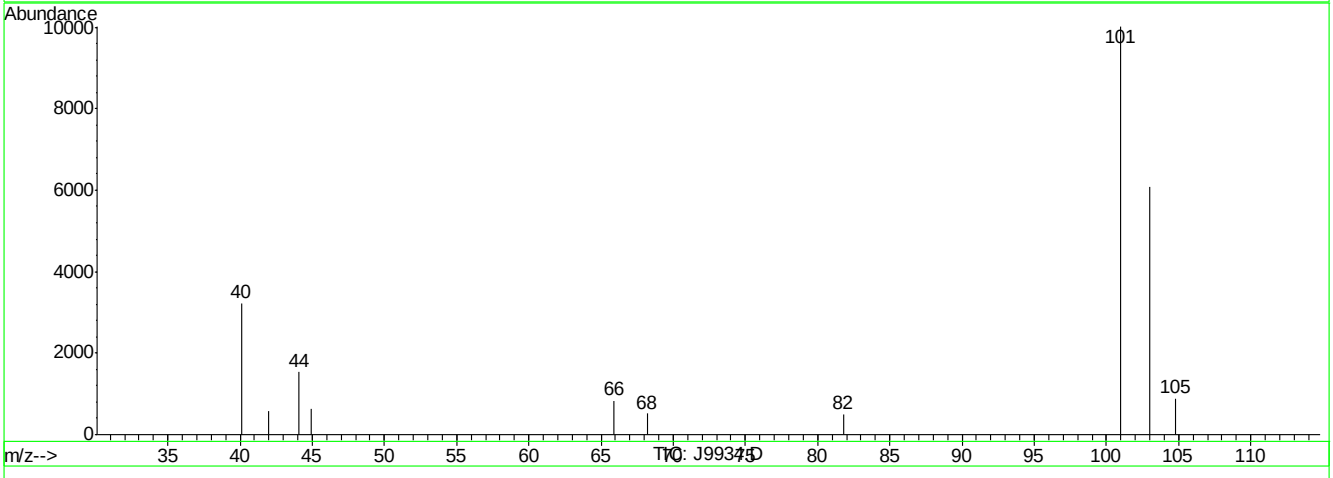
Quantitation Report (Qedit)

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

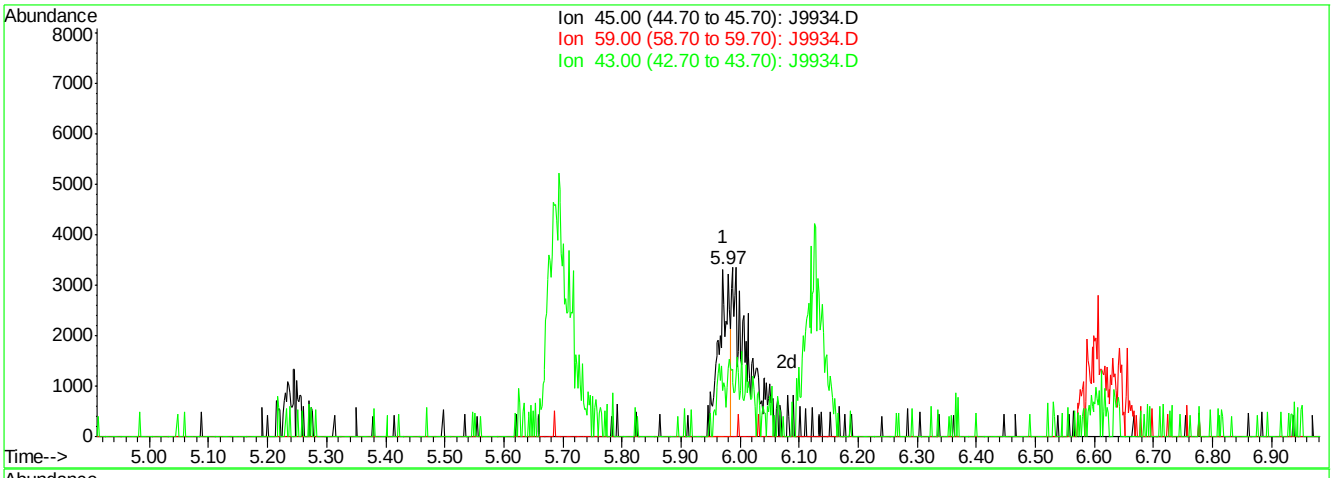
J9934.D J040407T.M Thu Apr 05 17:13:02 2007

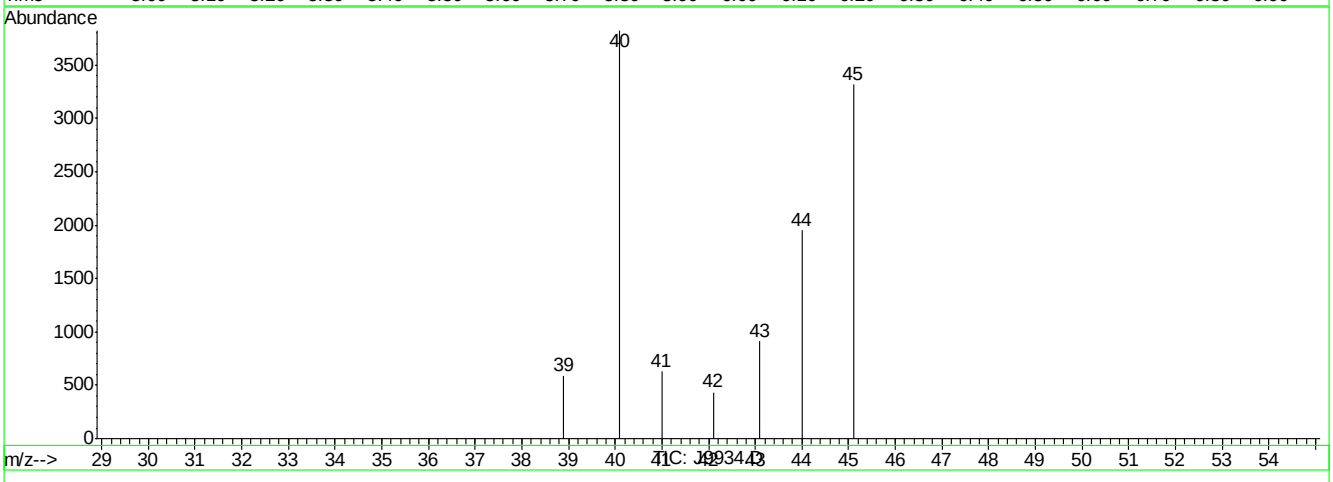
Quantitation Report (Qedit)

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

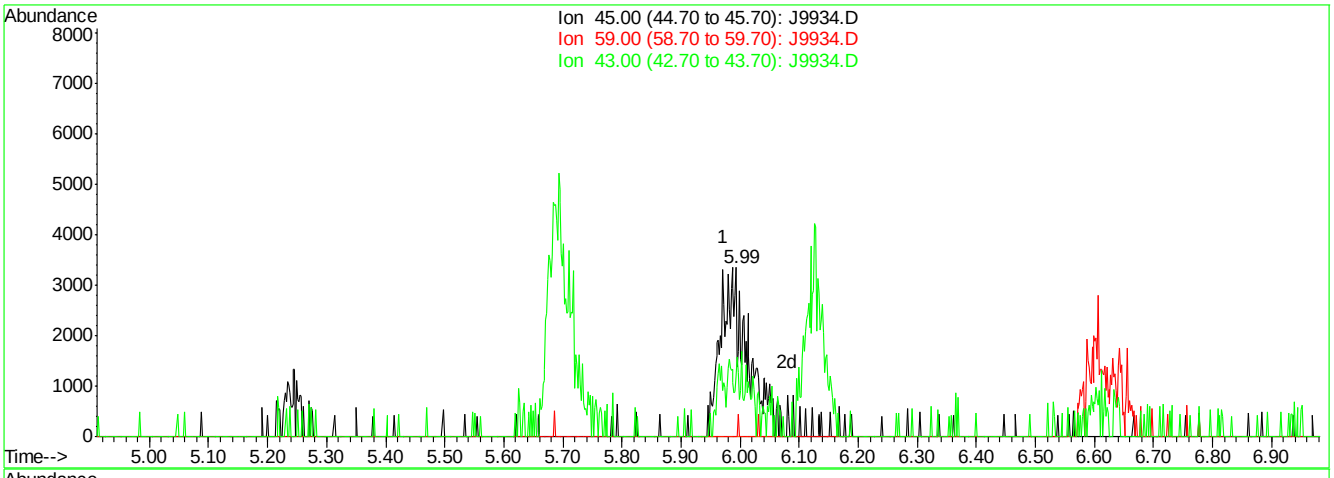
J9934.D J040407T.M Thu Apr 05 17:13:13 2007

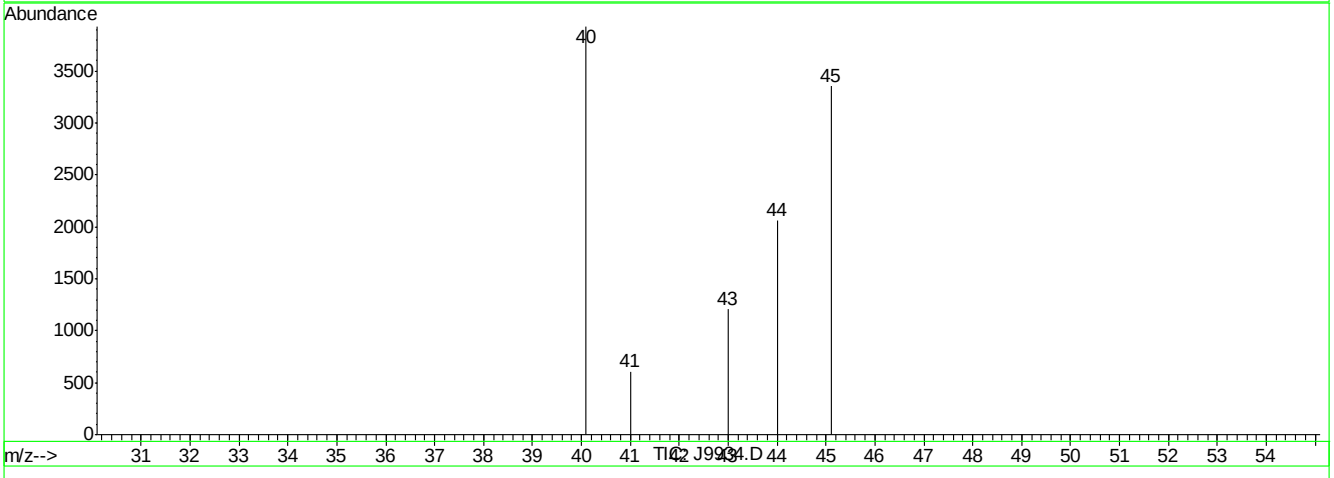
Quantitation Report (Qedit)

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

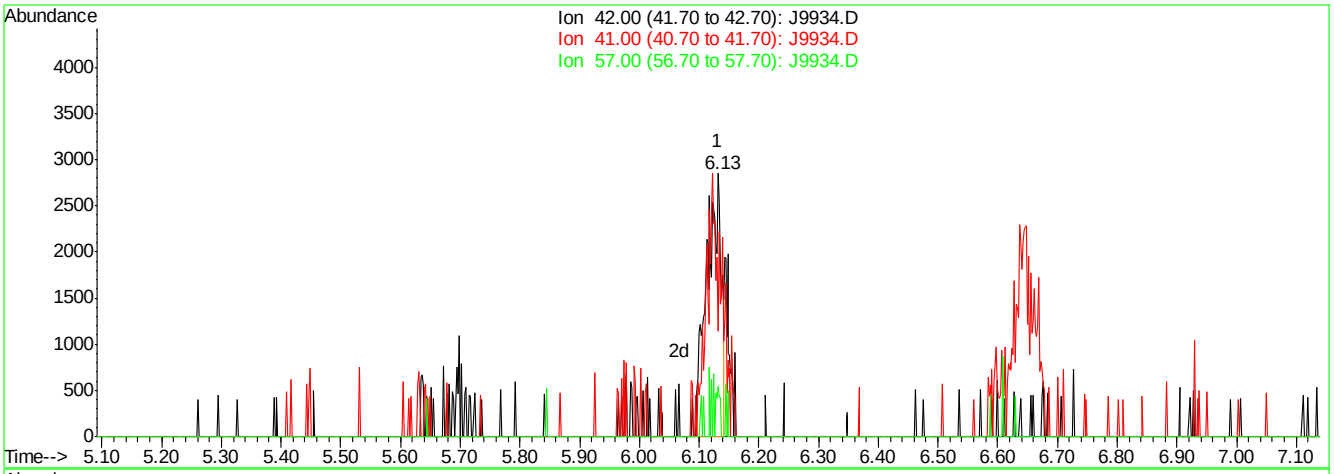
J9934.D J040407T.M Thu Apr 05 17:13:17 2007

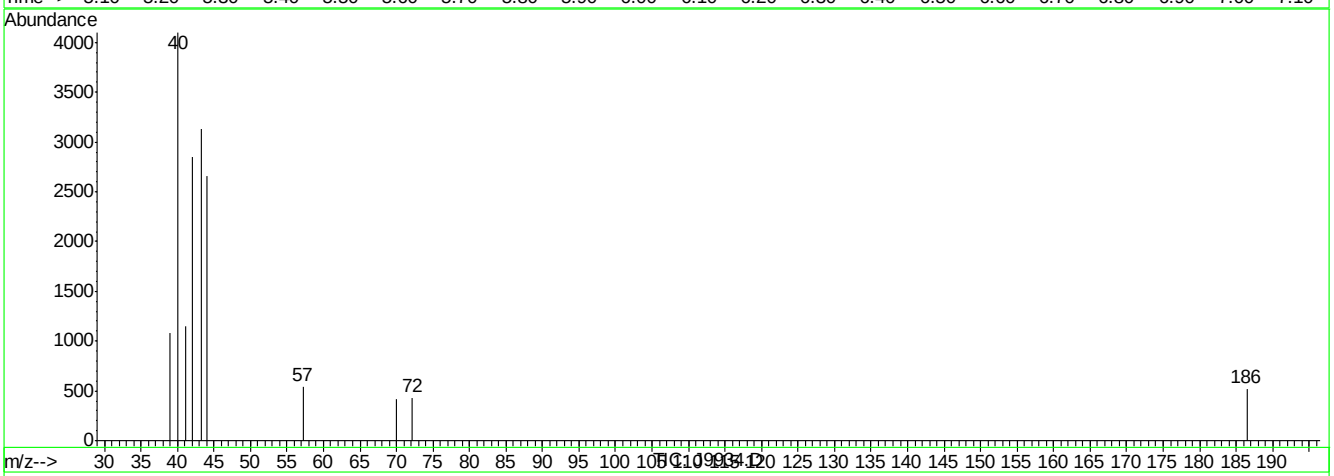
Quantitation Report (Qedit)

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

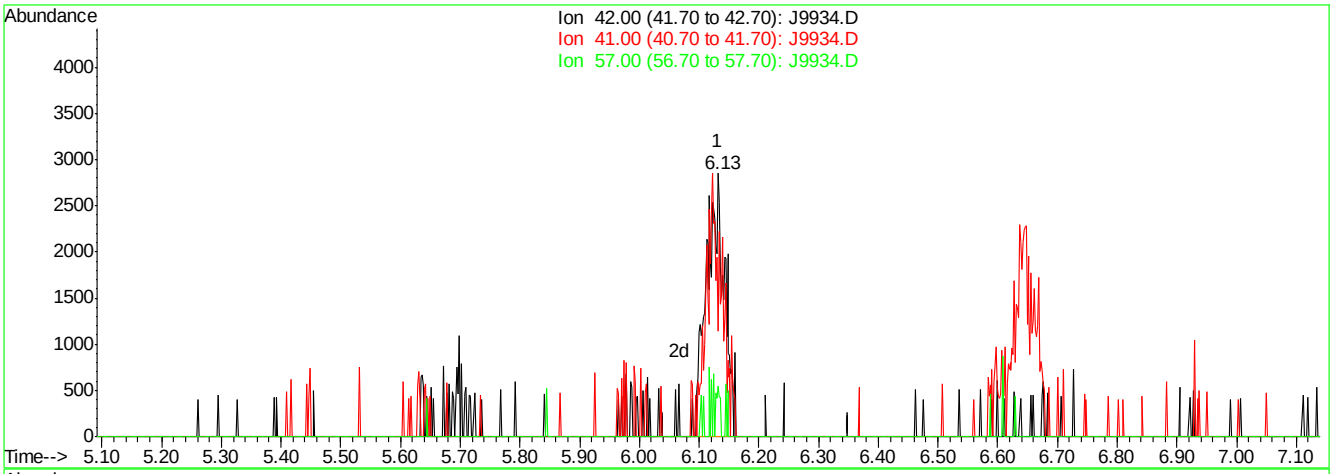
J9934.D J040407T.M Thu Apr 05 17:13:22 2007

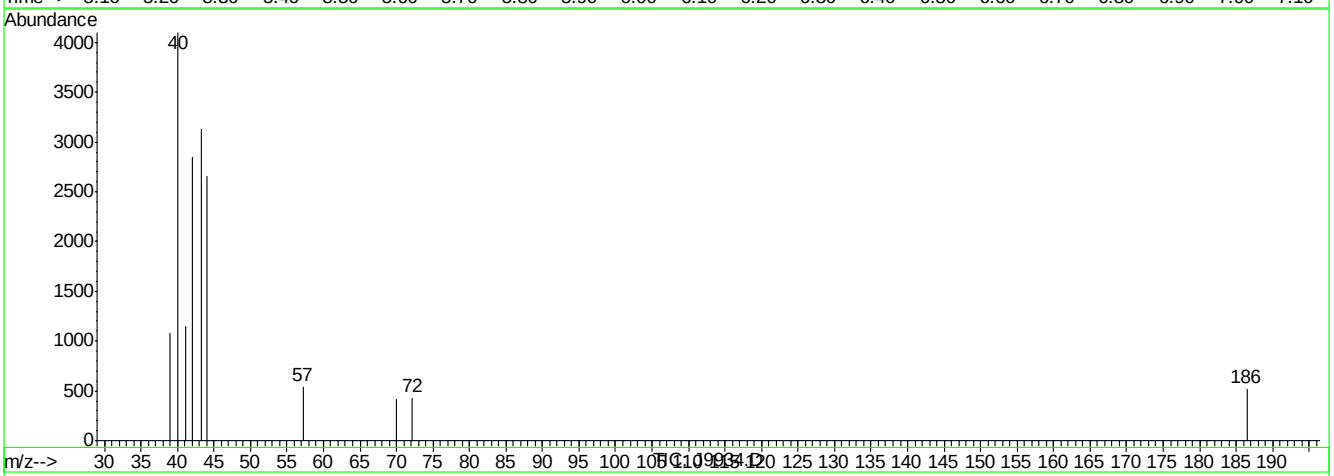
Quantitation Report (Qedit)

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

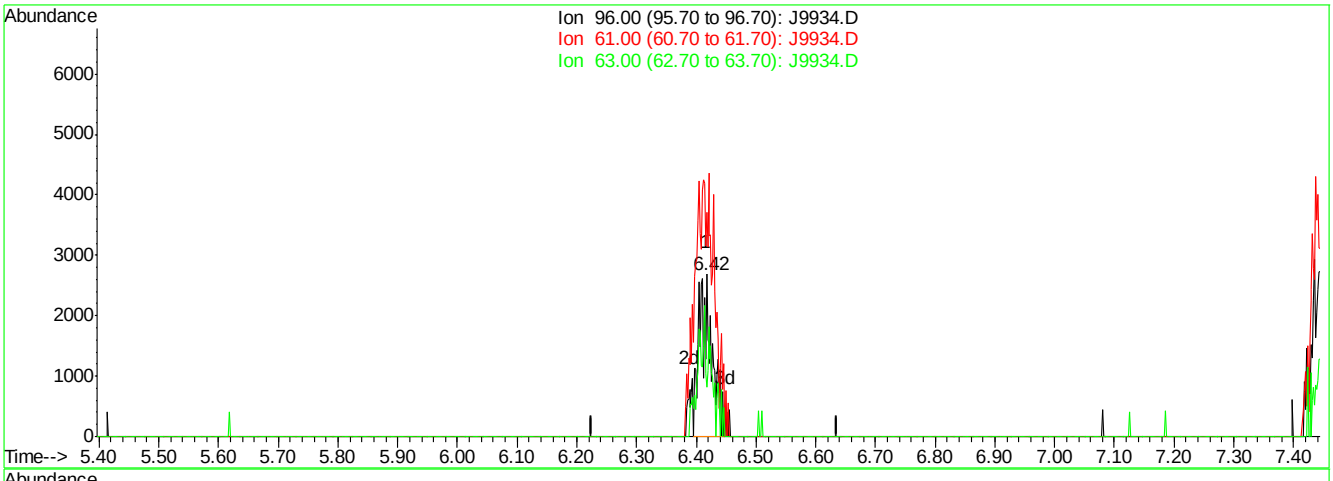
J9934.D J040407T.M Thu Apr 05 17:13:25 2007

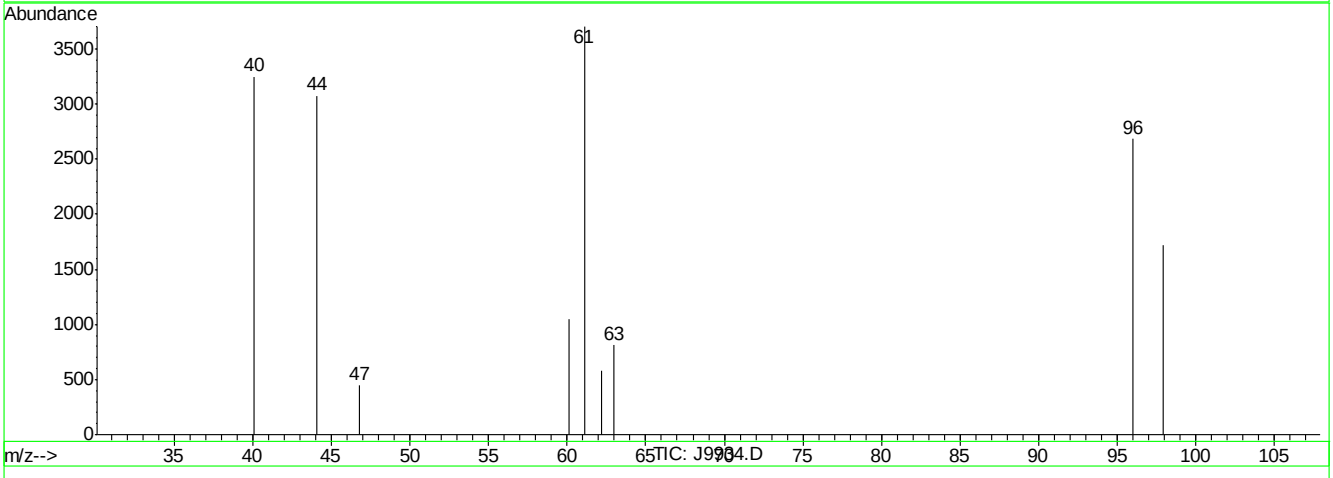
Quantitation Report (Qedit)

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

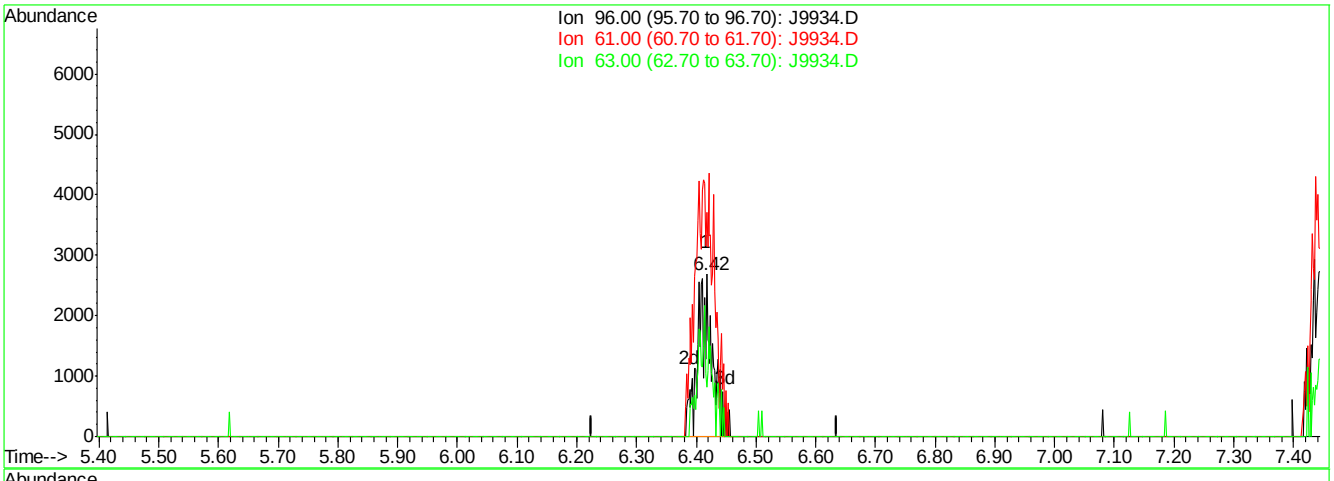
J9934.D J040407T.M Thu Apr 05 17:13:30 2007

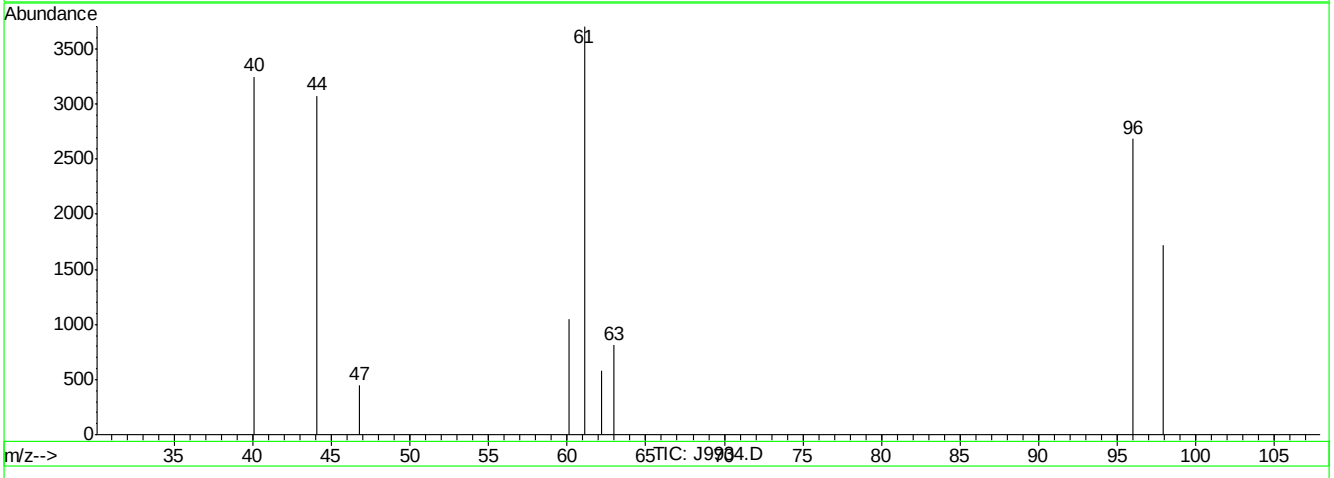
Quantitation Report (Qedit)

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

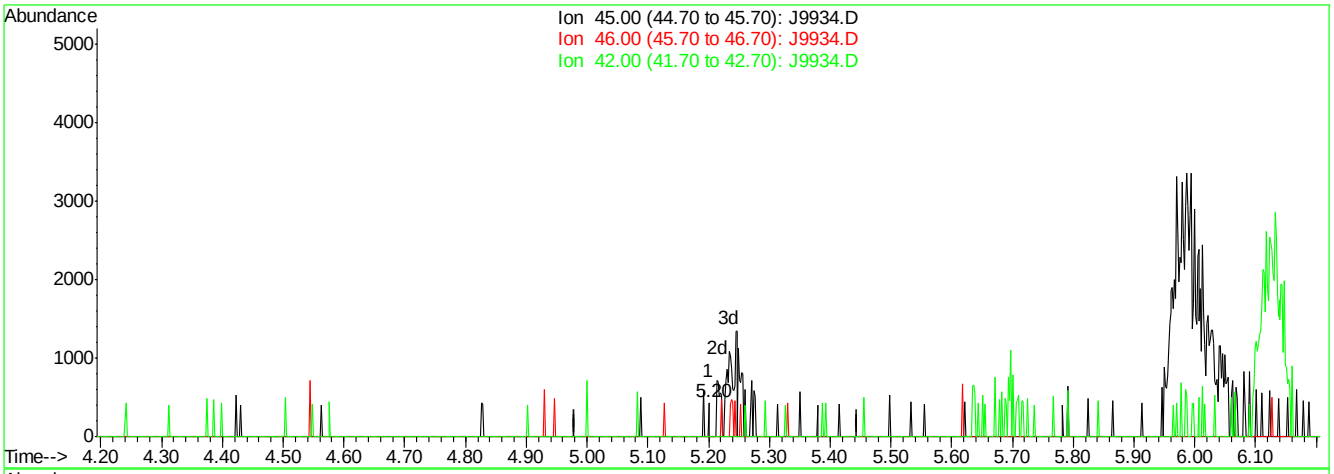
J9934.D J040407T.M Thu Apr 05 17:13:33 2007

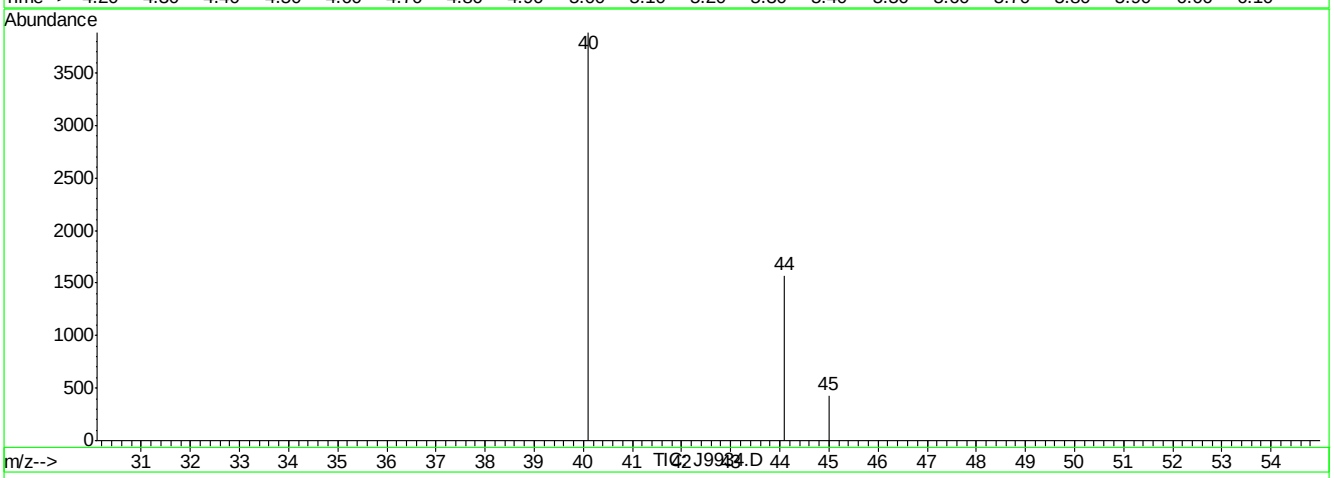
Quantitation Report (Qedit)

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

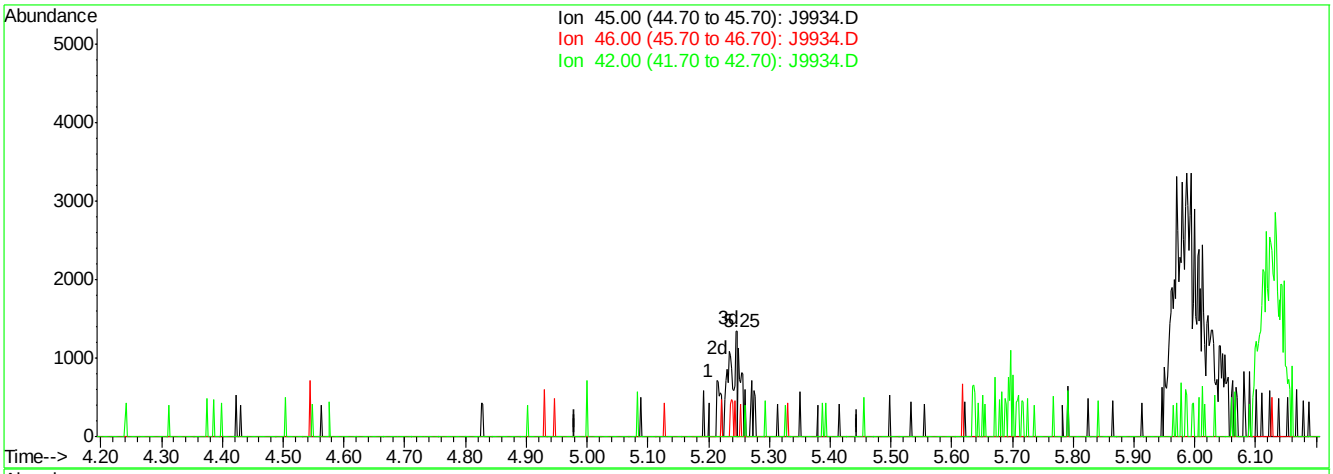
J9934.D J040407T.M Thu Apr 05 17:13:37 2007

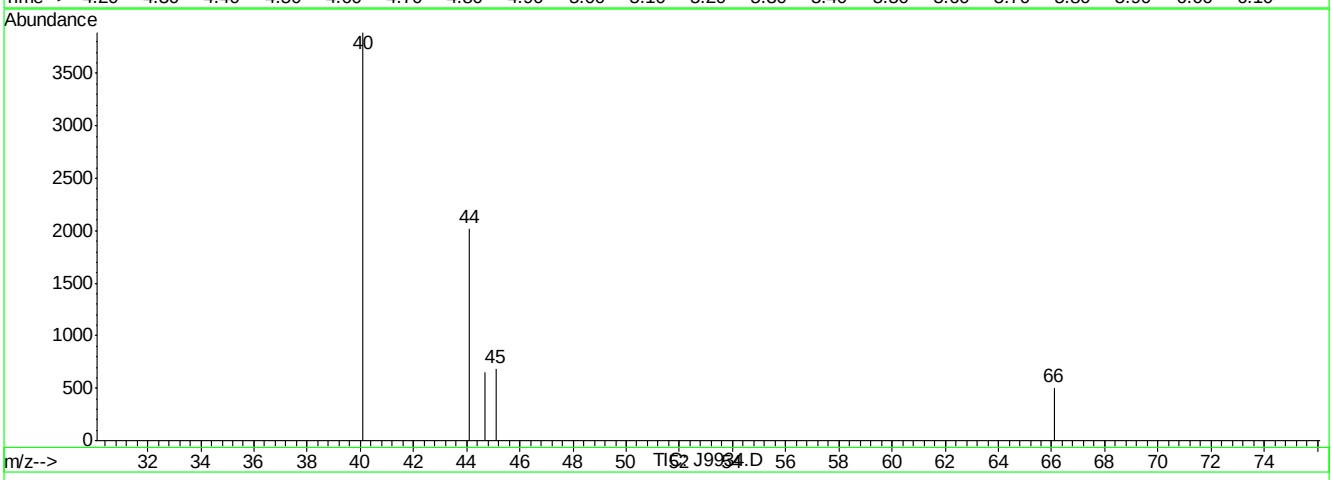
Quantitation Report (Qedit)

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

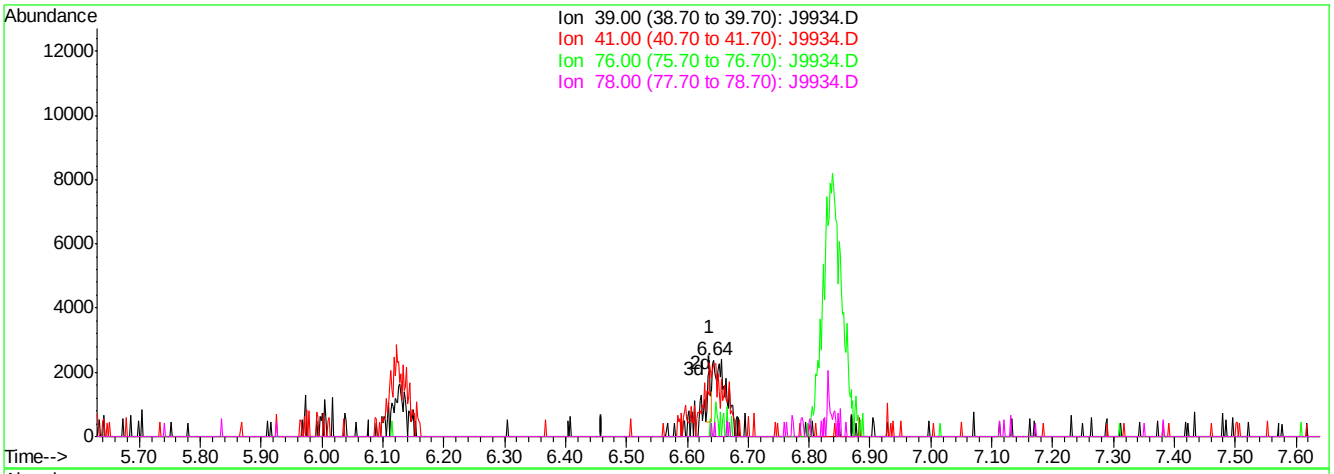
J9934.D J040407T.M Thu Apr 05 17:13:41 2007

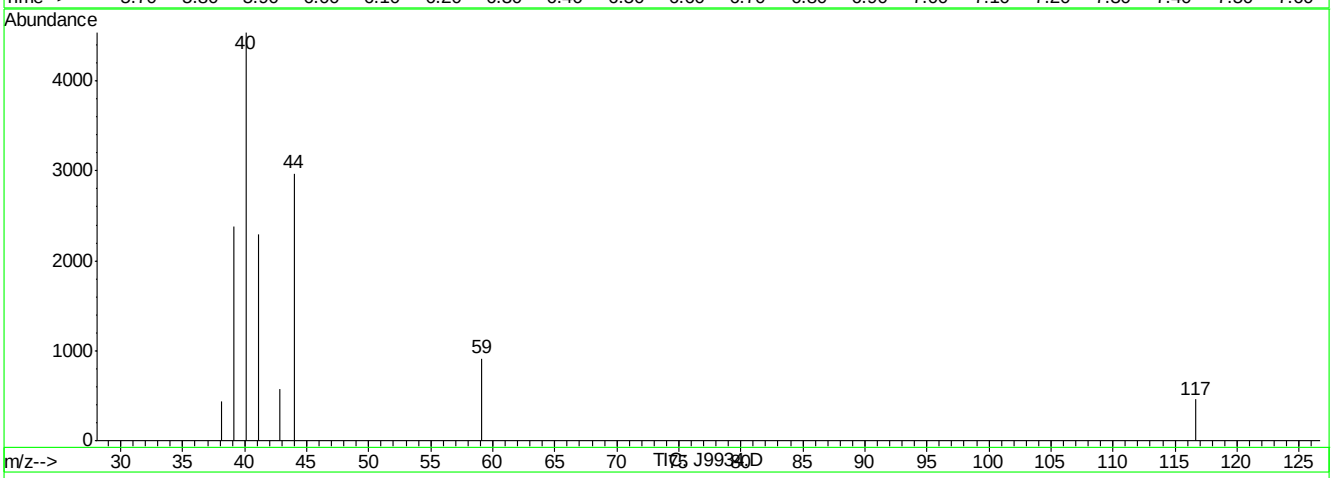
Quantitation Report (Qedit)

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

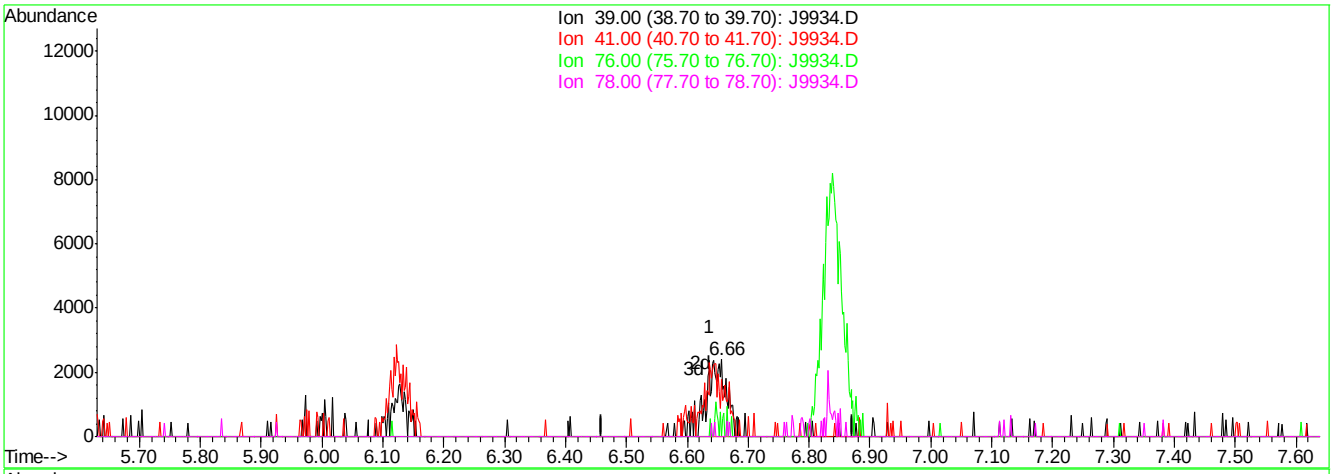
J9934.D J040407T.M Thu Apr 05 17:13:48 2007

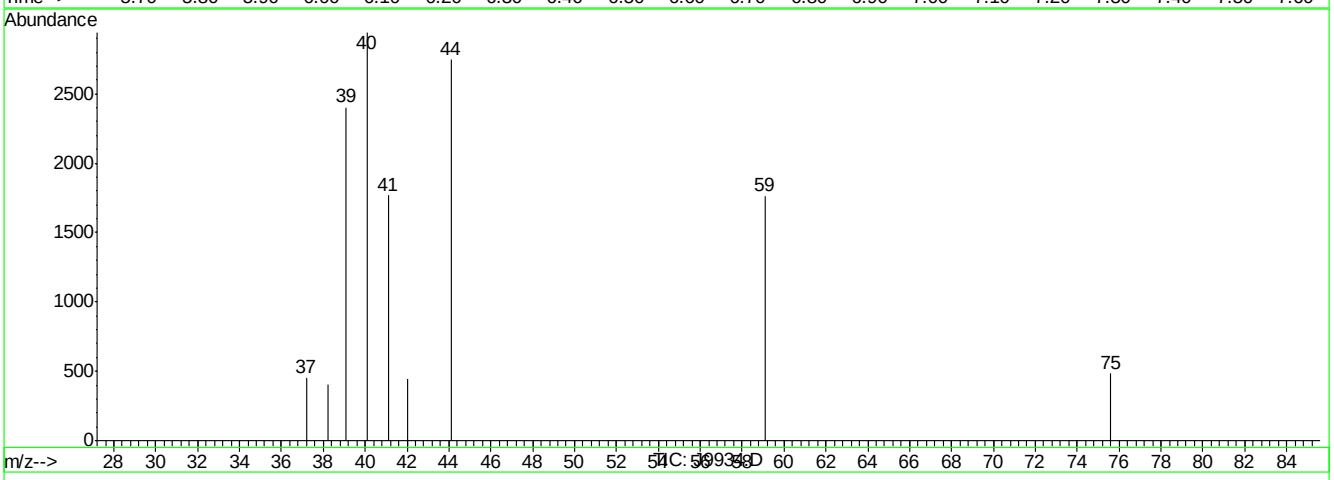
Quantitation Report (Qedit)

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

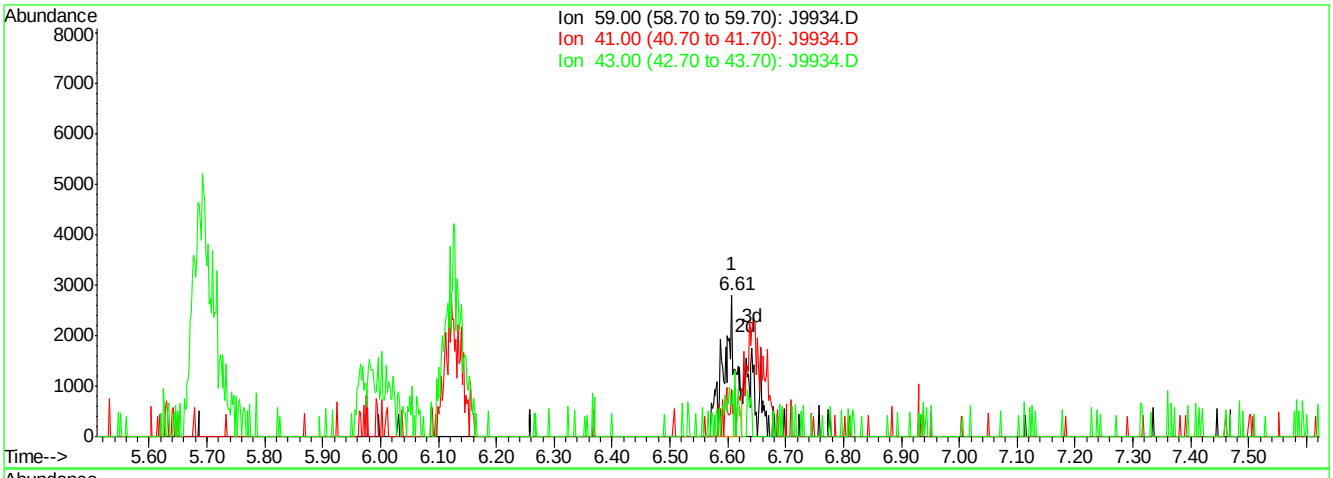
J9934.D J040407T.M Thu Apr 05 17:13:54 2007

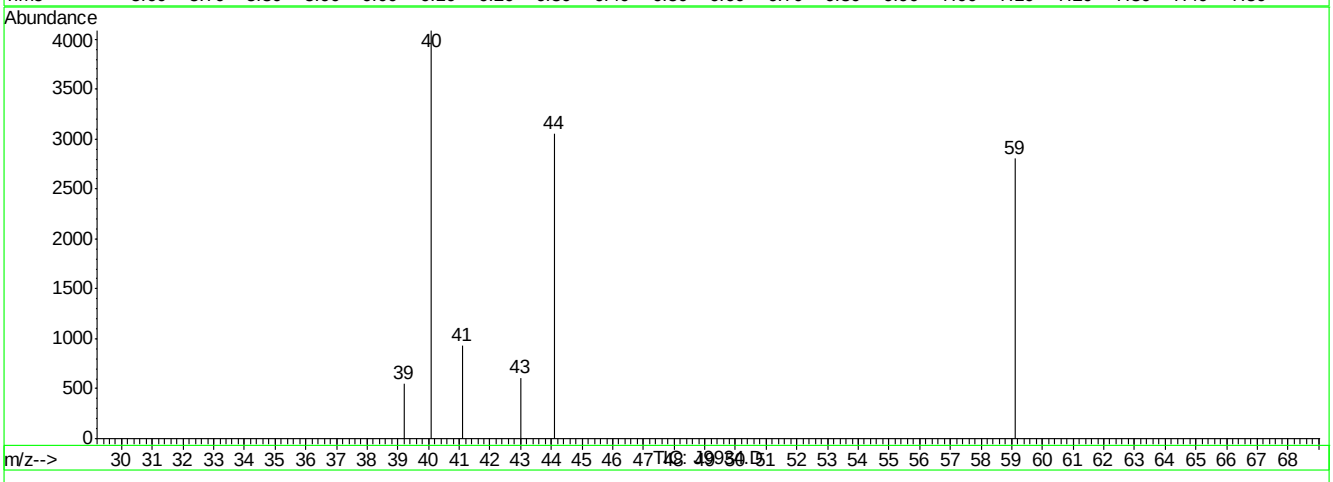
Quantitation Report (Qedit)

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

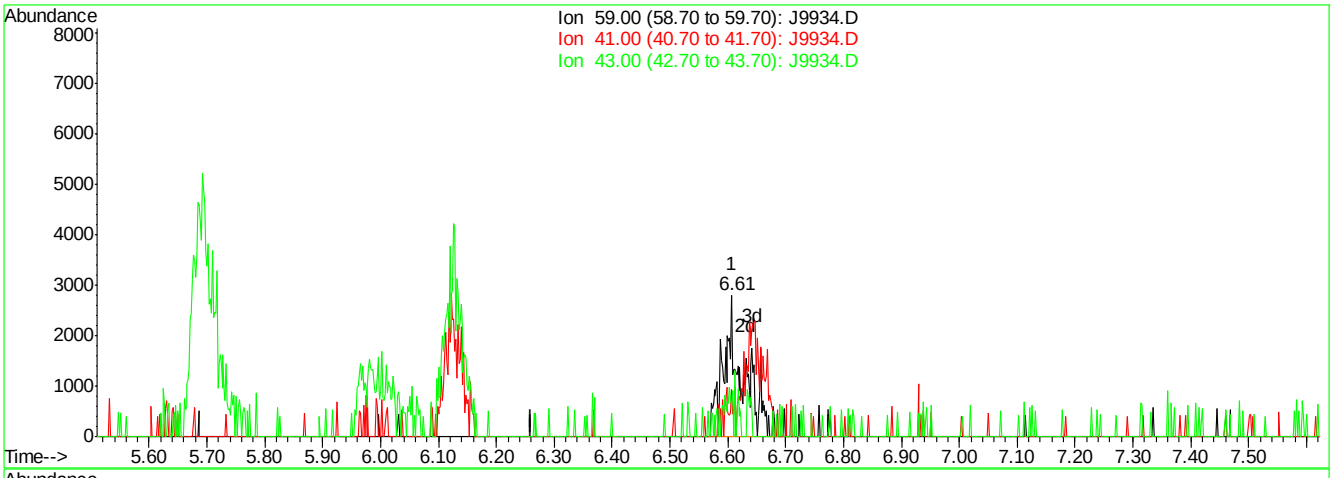
J9934.D J040407T.M Thu Apr 05 17:13:58 2007

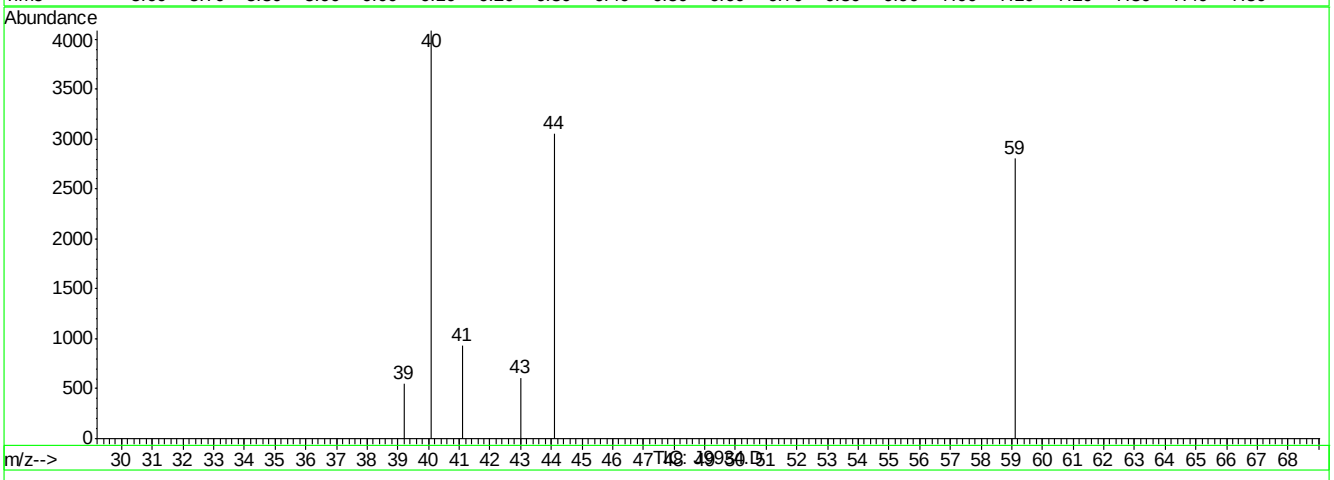
Quantitation Report (Qedit)

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

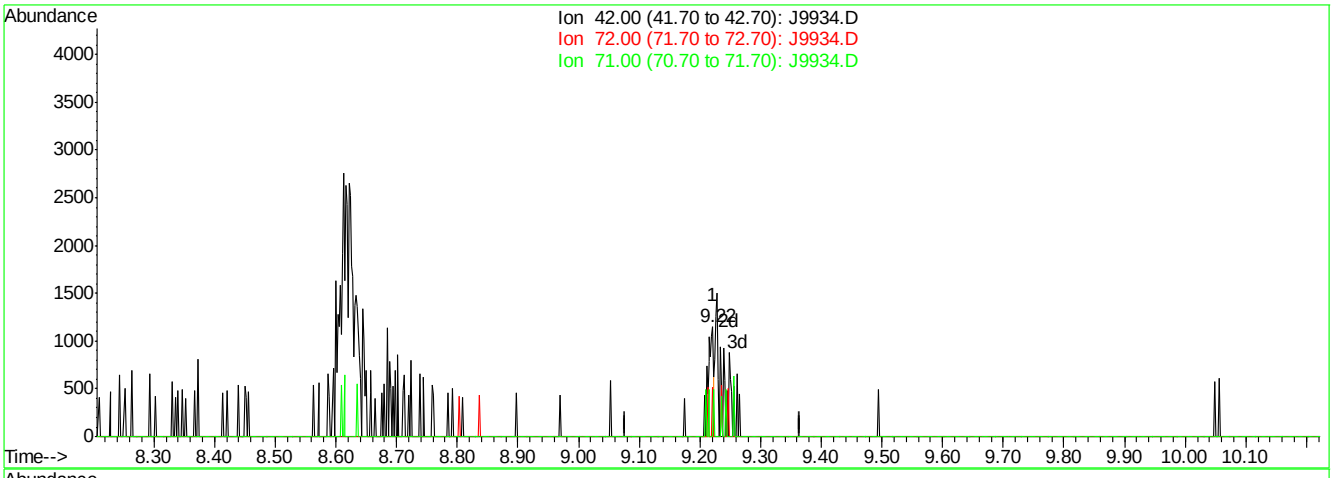
J9934.D J040407T.M Thu Apr 05 17:14:05 2007

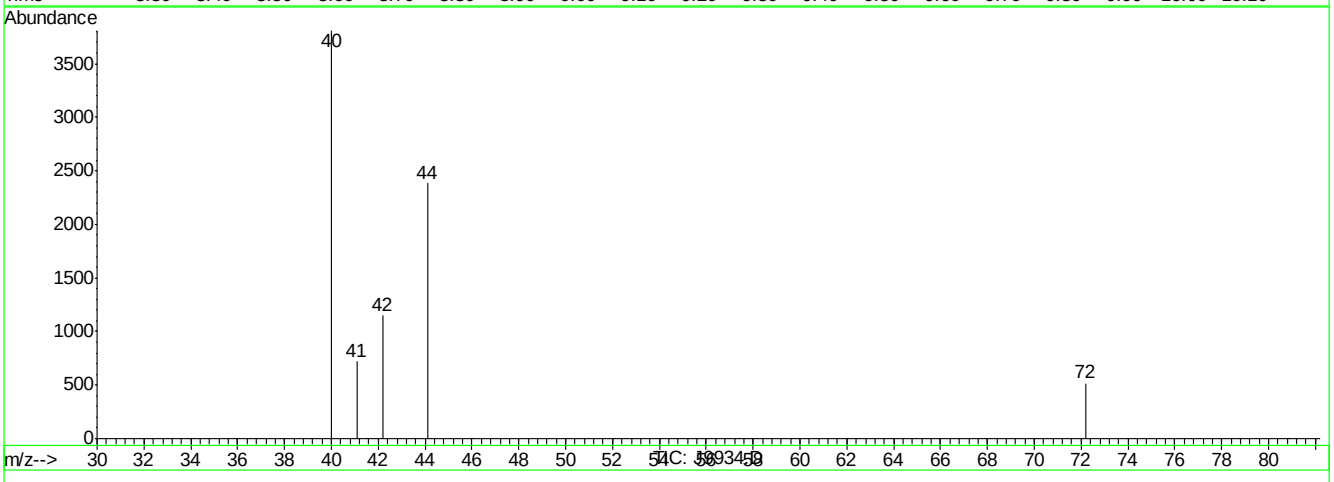
Quantitation Report (Qedit)

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

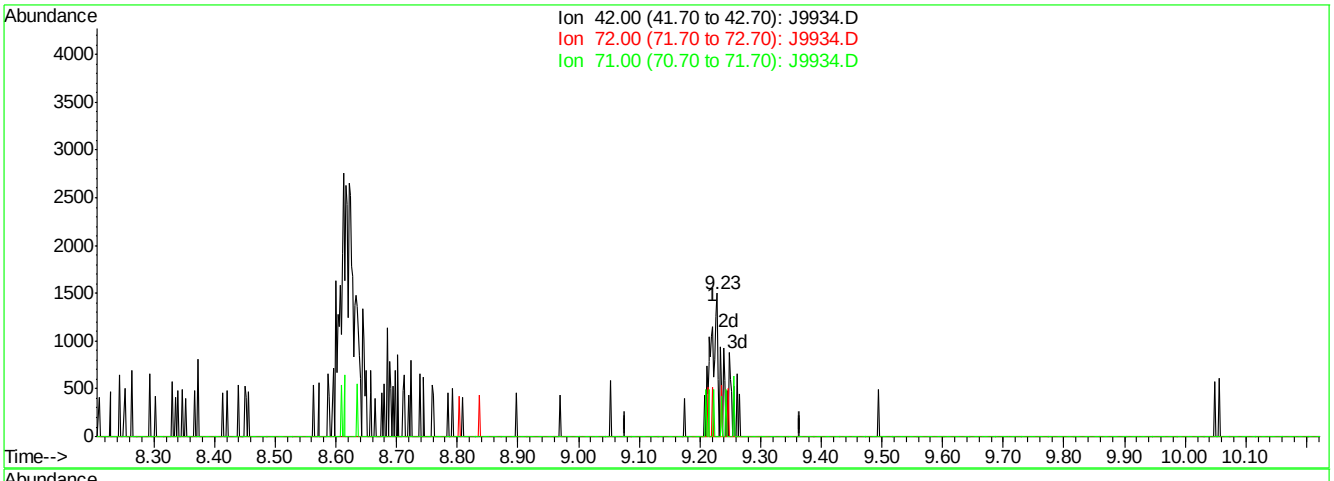
J9934.D J040407T.M Thu Apr 05 17:14:10 2007

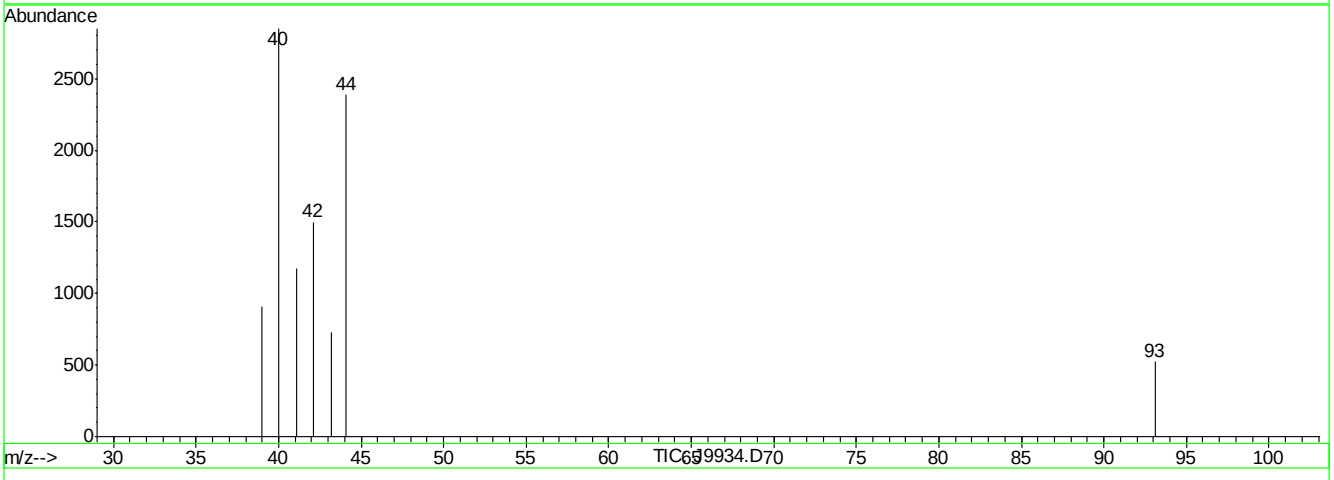
Quantitation Report (Qedit)

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

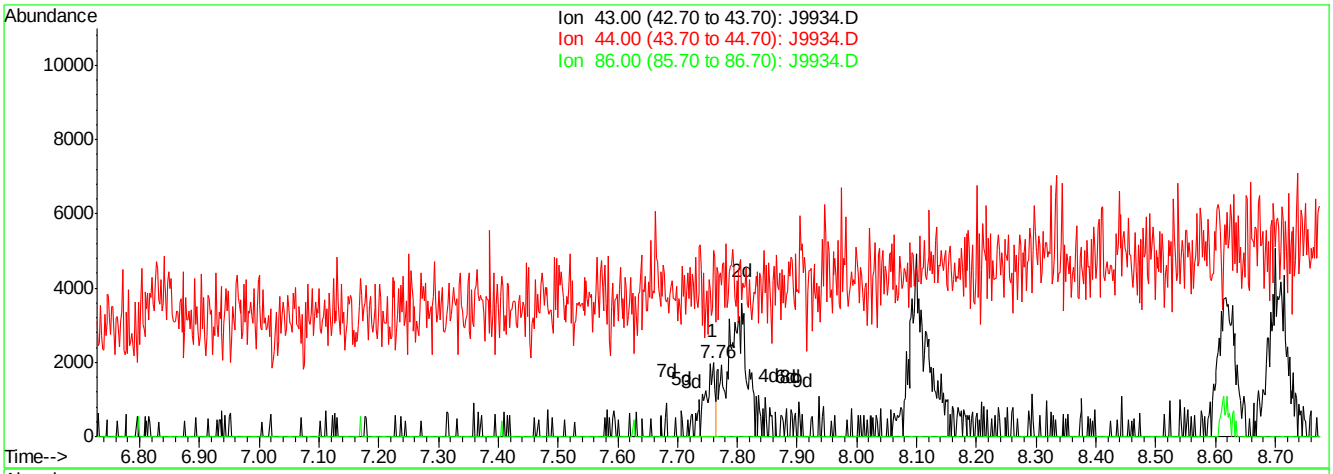
J9934.D J040407T.M Thu Apr 05 17:14:13 2007

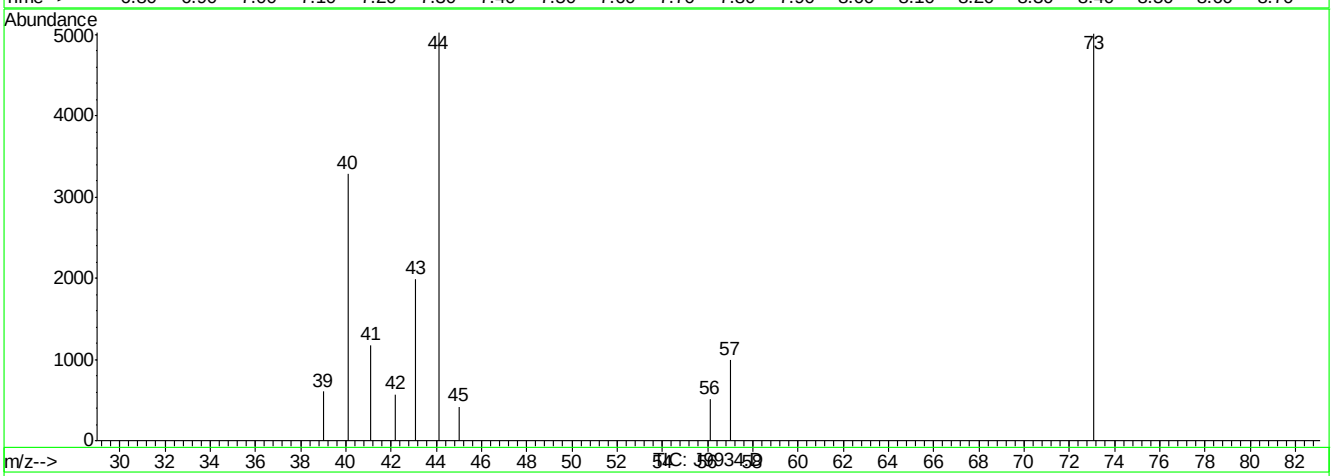
Quantitation Report (Qedit)

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

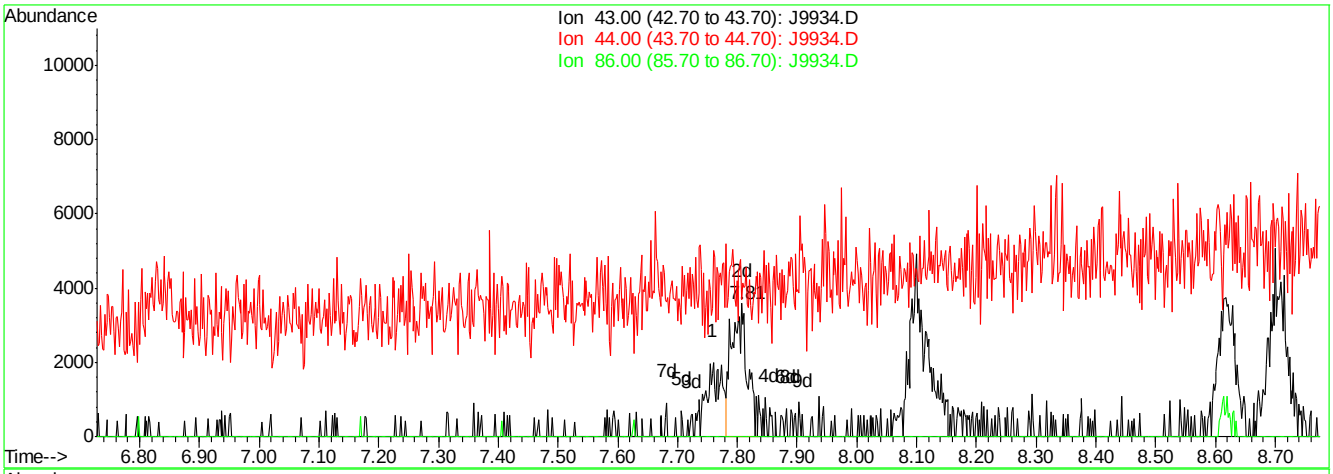
J9934.D J040407T.M Thu Apr 05 17:14:18 2007

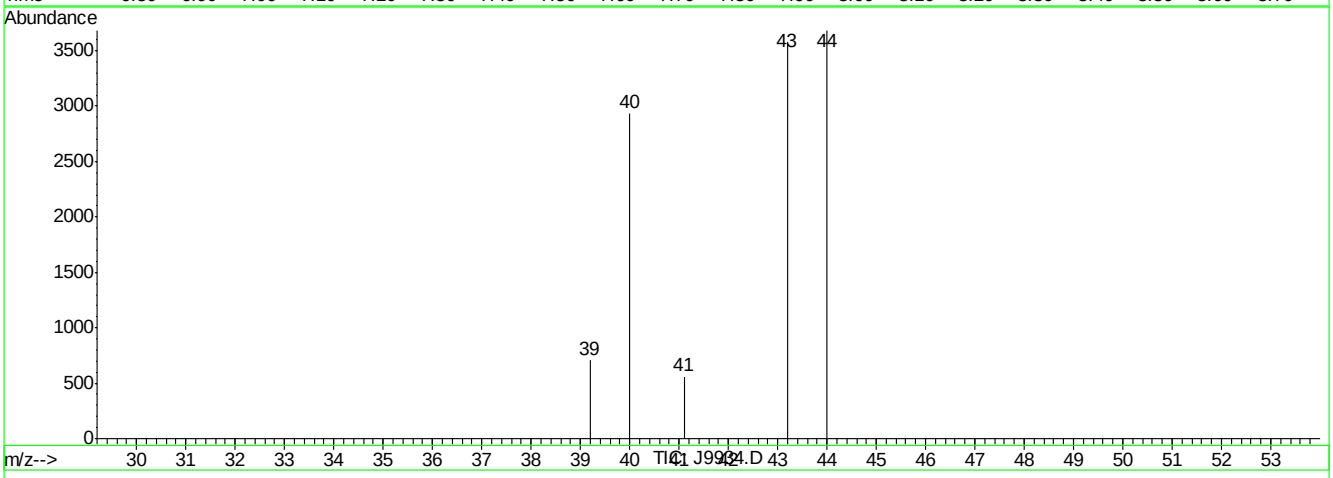
Quantitation Report (Qedit)

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

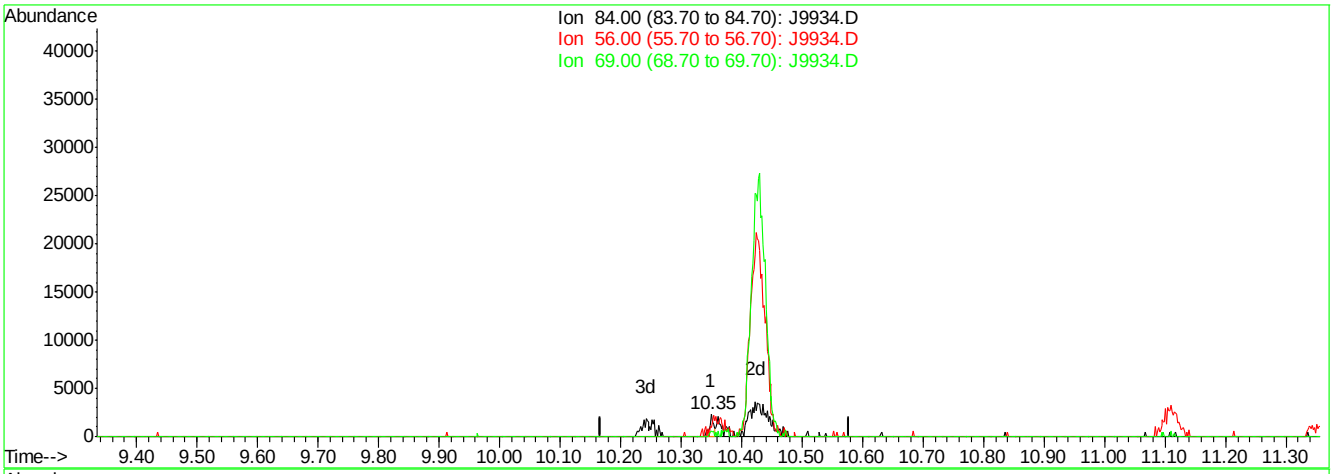
J9934.D J040407T.M Thu Apr 05 17:14:23 2007

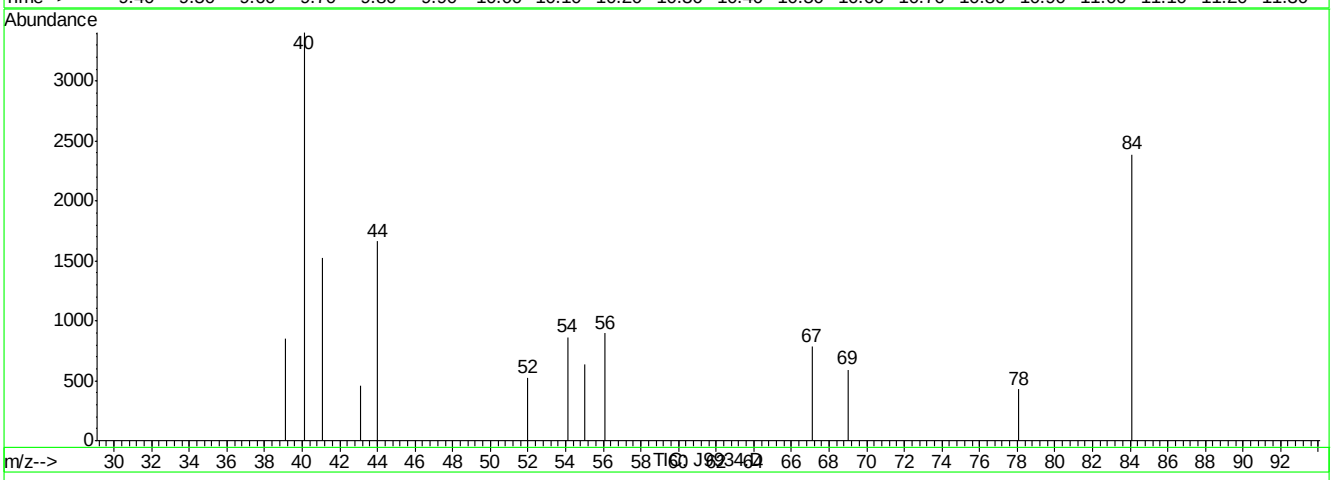
Quantitation Report (Qedit)

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

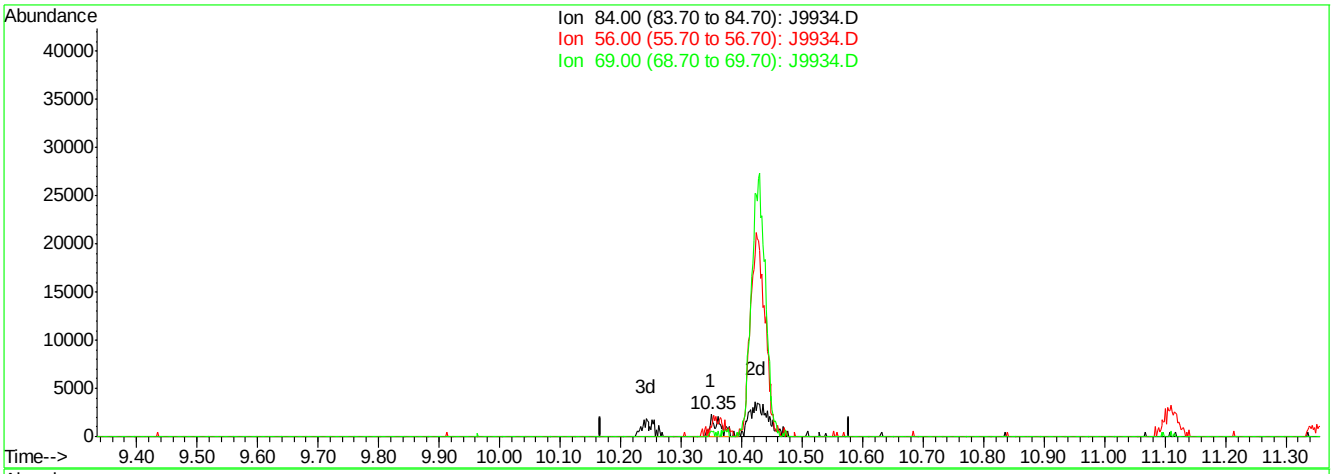
J9934.D J040407T.M Thu Apr 05 17:14:38 2007

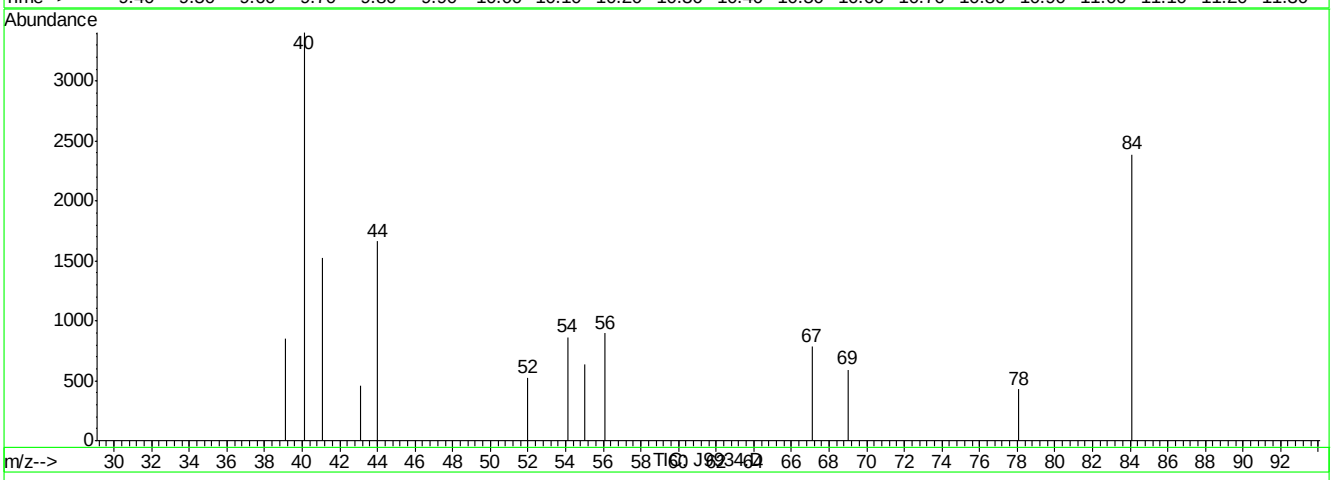
Quantitation Report (Qedit)

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

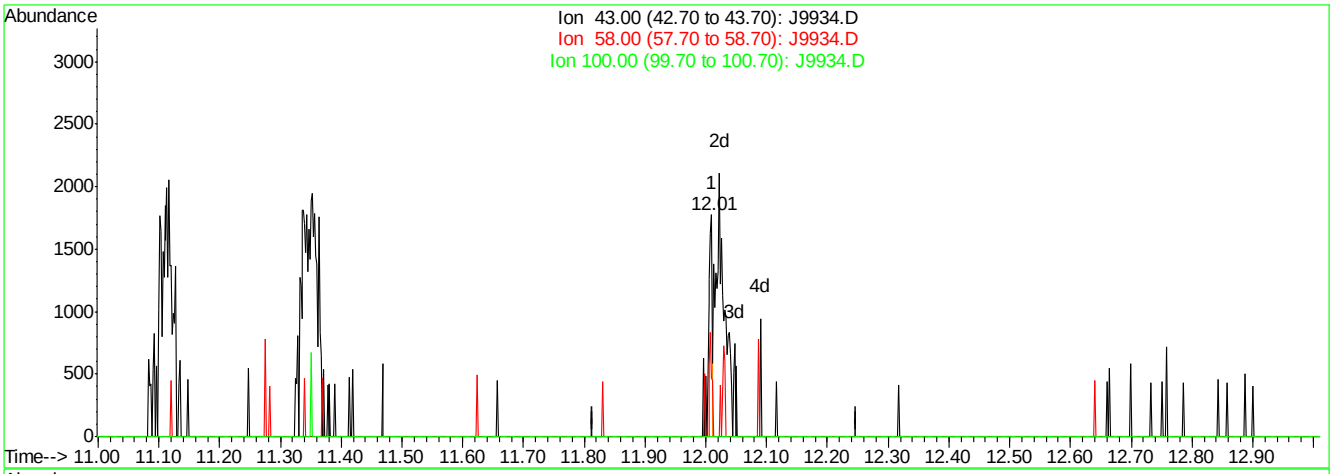
J9934.D J040407T.M Thu Apr 05 17:14:42 2007

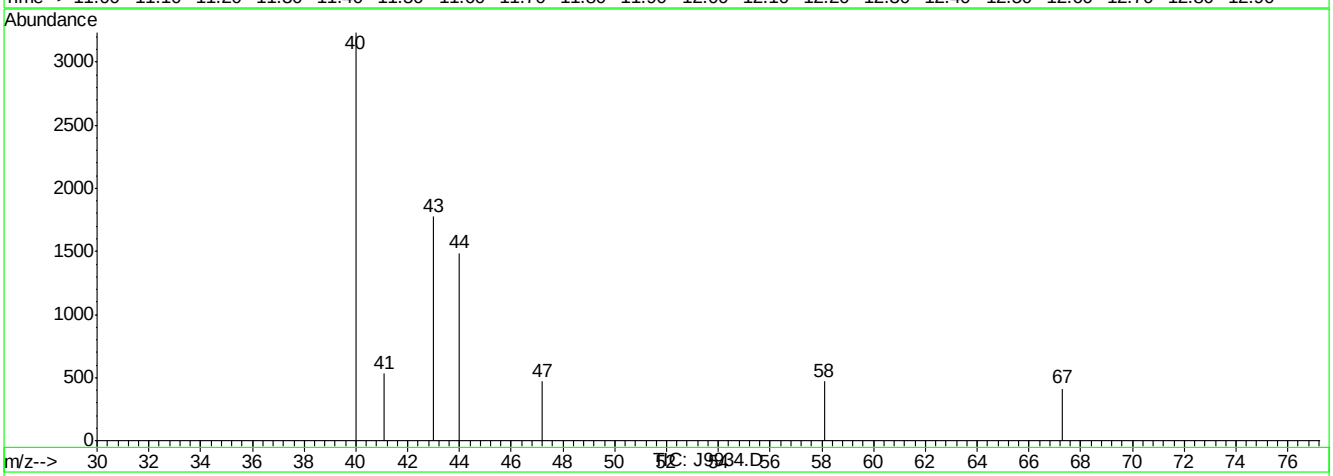
Quantitation Report (Qedit)

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

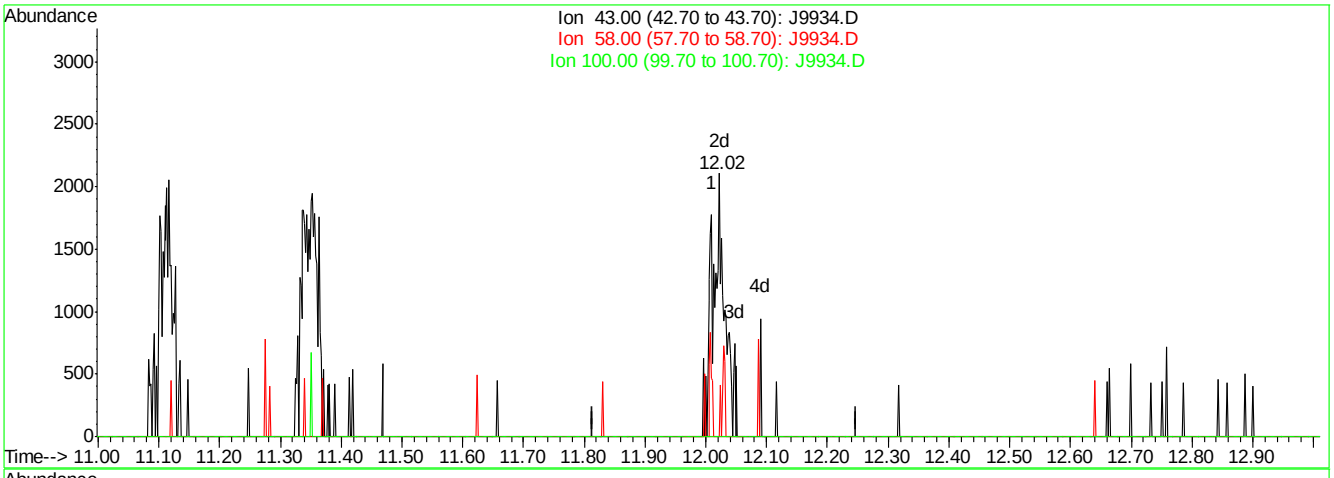
J9934.D J040407T.M Thu Apr 05 17:14:59 2007

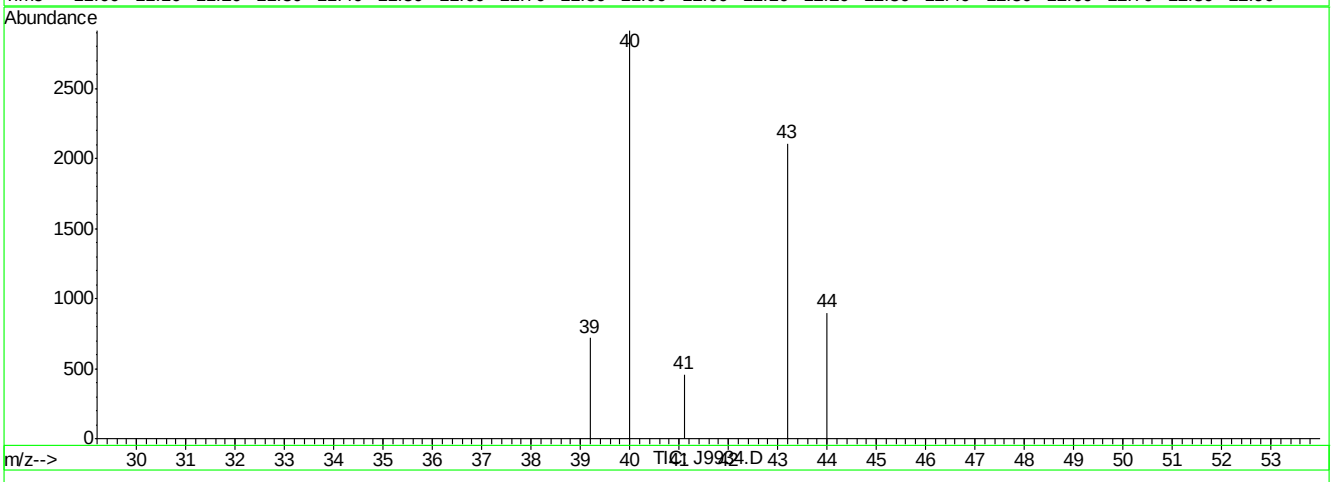
Quantitation Report (Qedit)

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

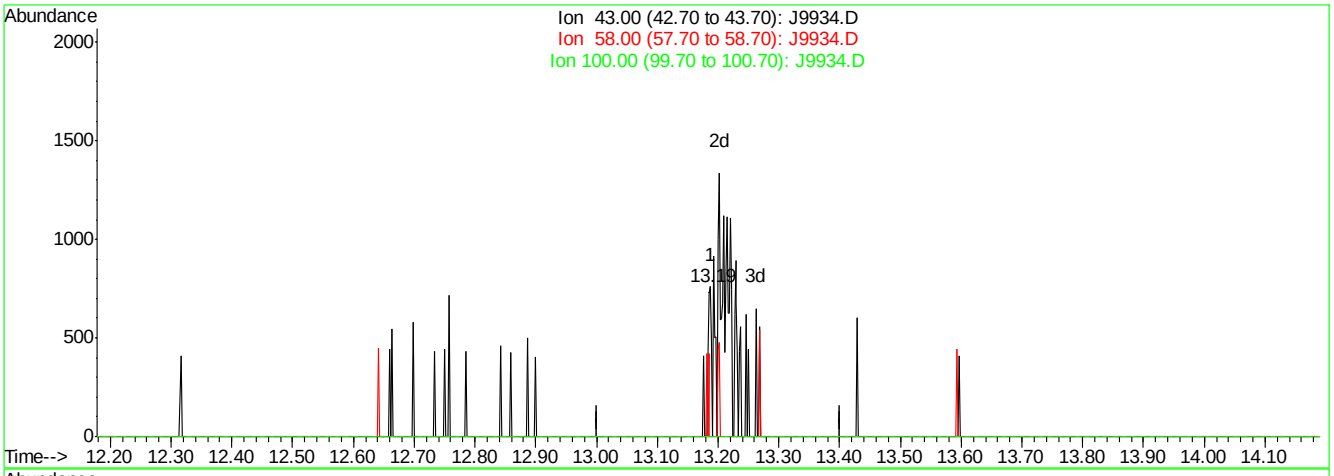
J9934.D J040407T.M Thu Apr 05 17:15:02 2007

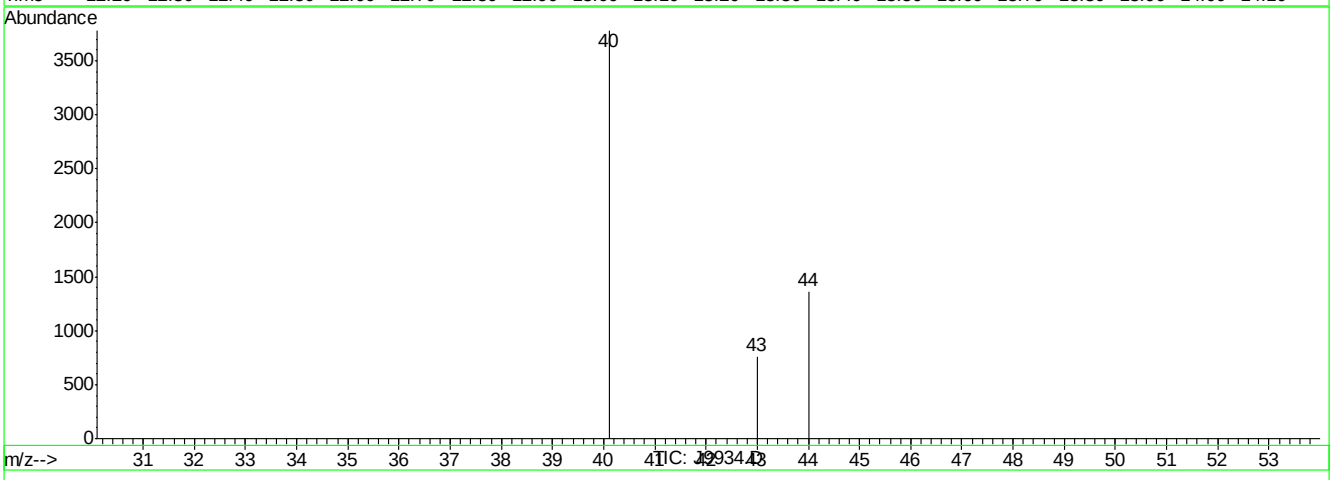
Quantitation Report (Qedit)

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

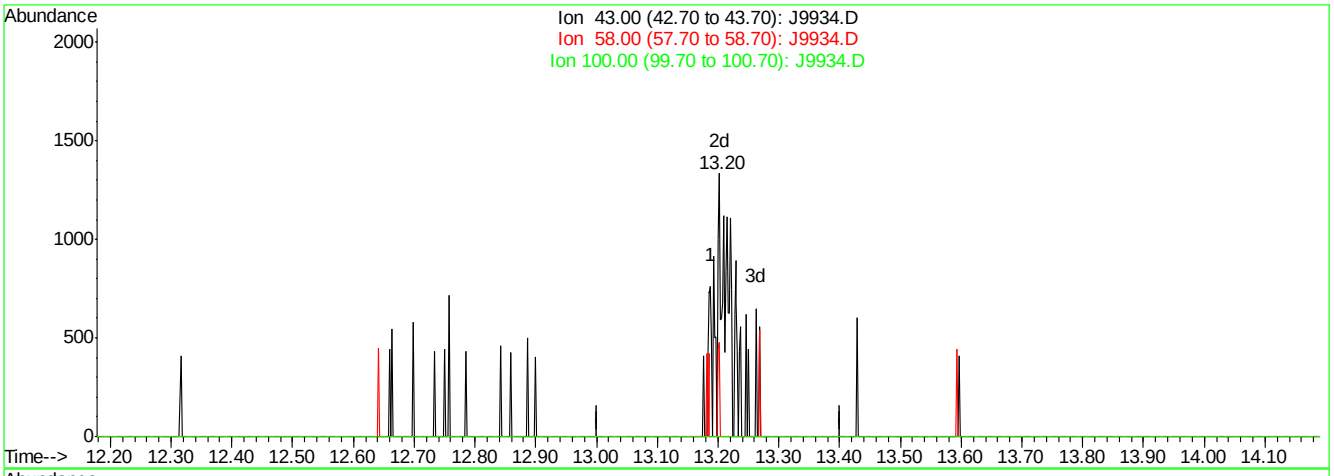
J9934.D J040407T.M Thu Apr 05 17:15:15 2007

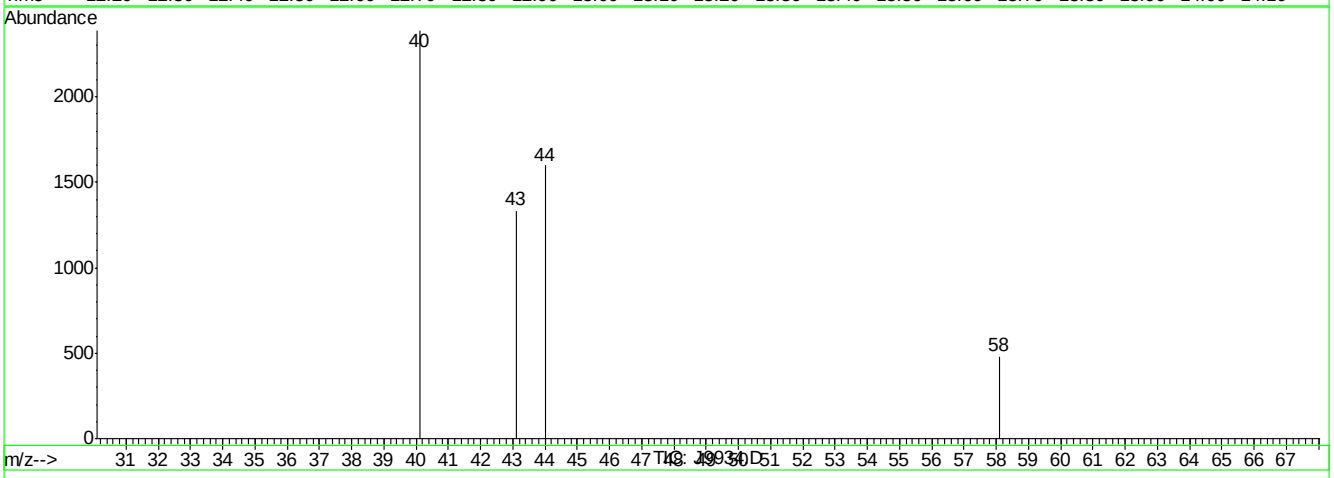
Quantitation Report (Qedit)

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

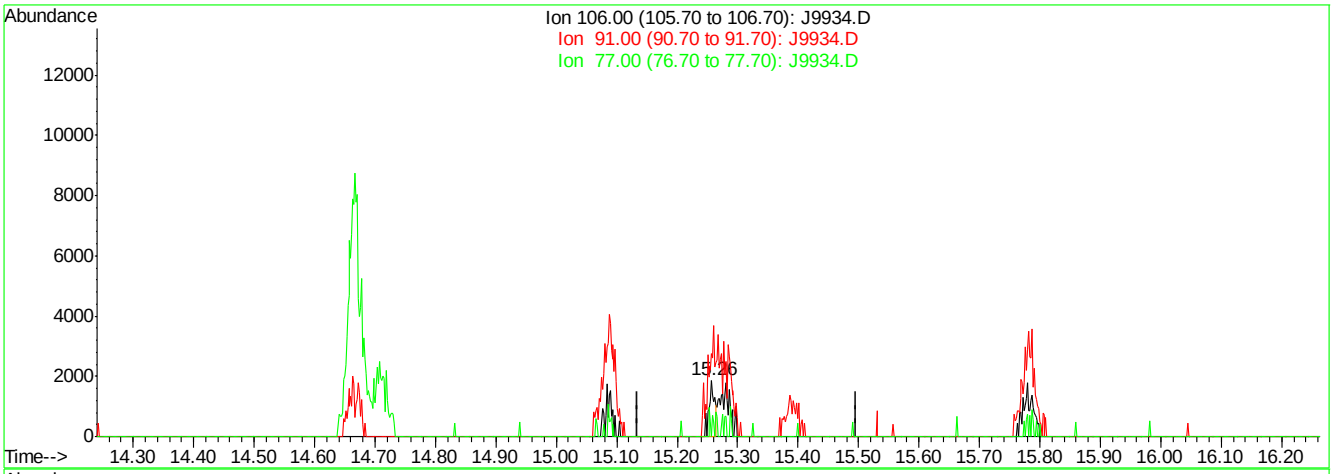
J9934.D J040407T.M Thu Apr 05 17:15:18 2007

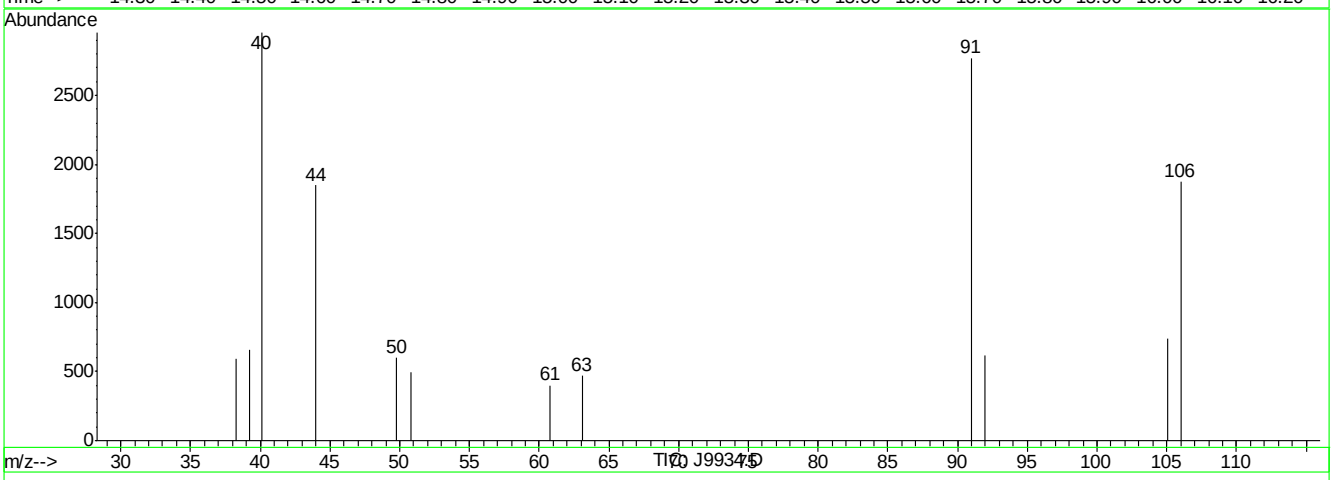
Quantitation Report (Qedit)

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

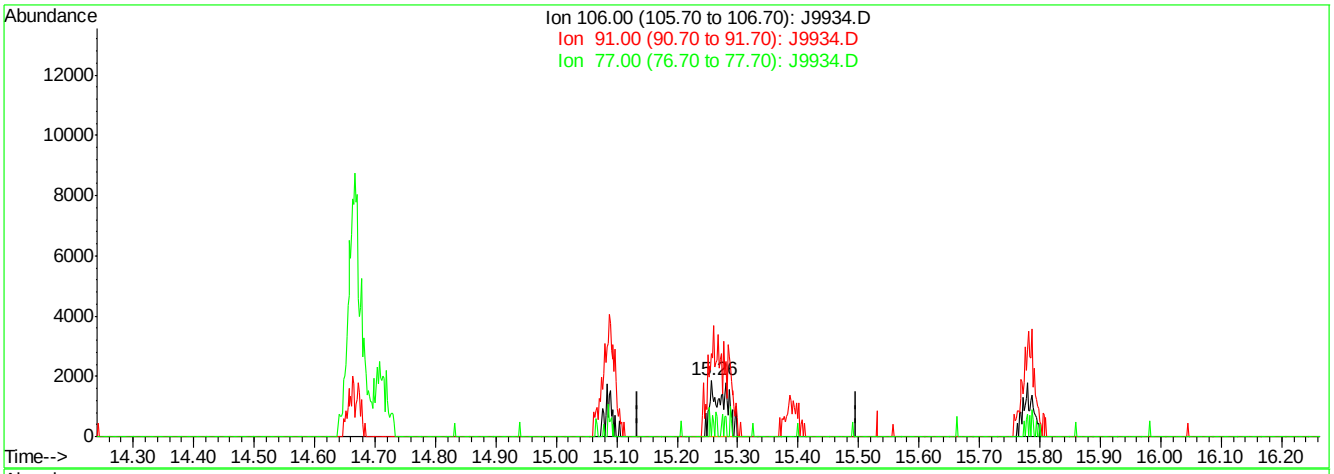
J9934.D J040407T.M Thu Apr 05 17:15:27 2007

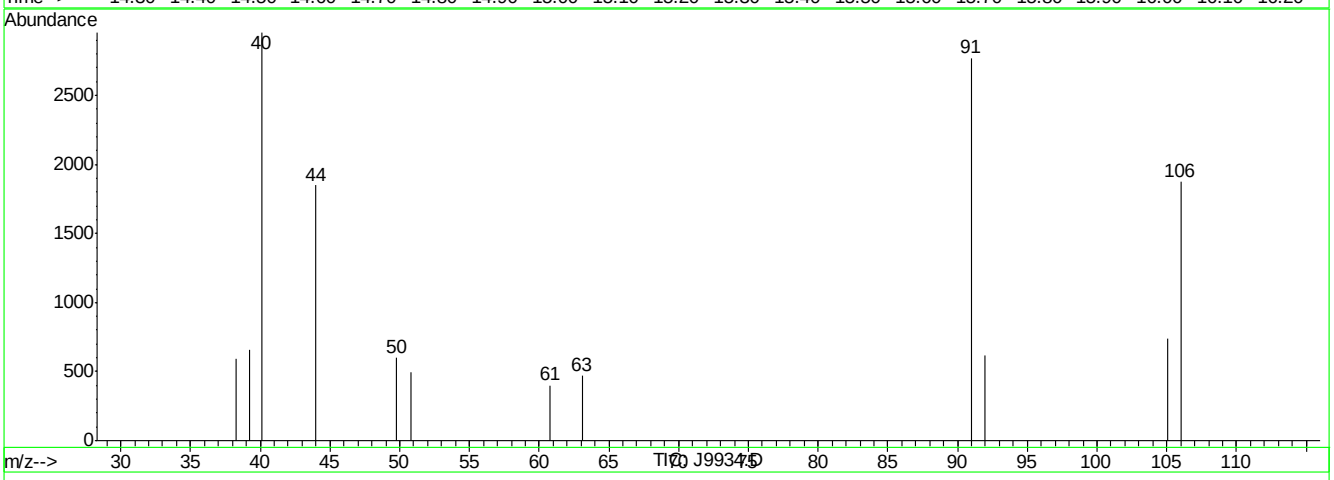
Quantitation Report (Qedit)

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

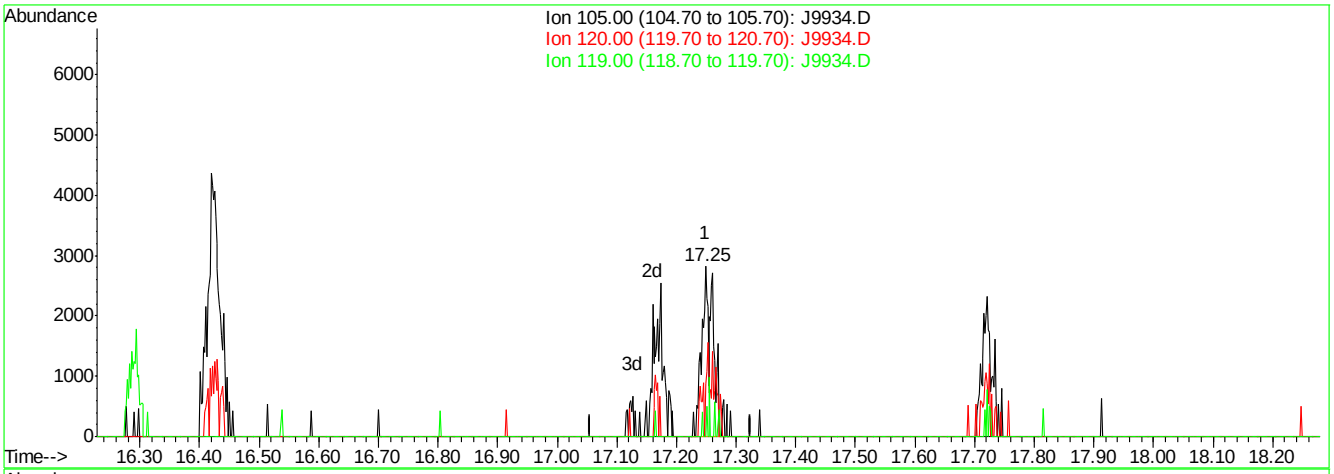
J9934.D J040407T.M Thu Apr 05 17:15:31 2007

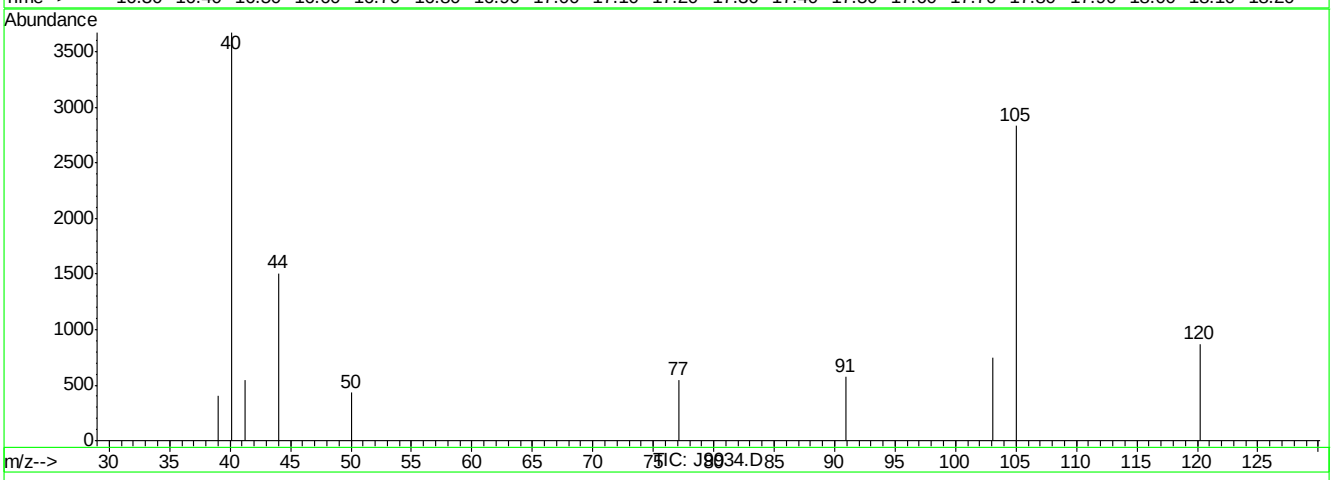
Quantitation Report (Qedit)

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

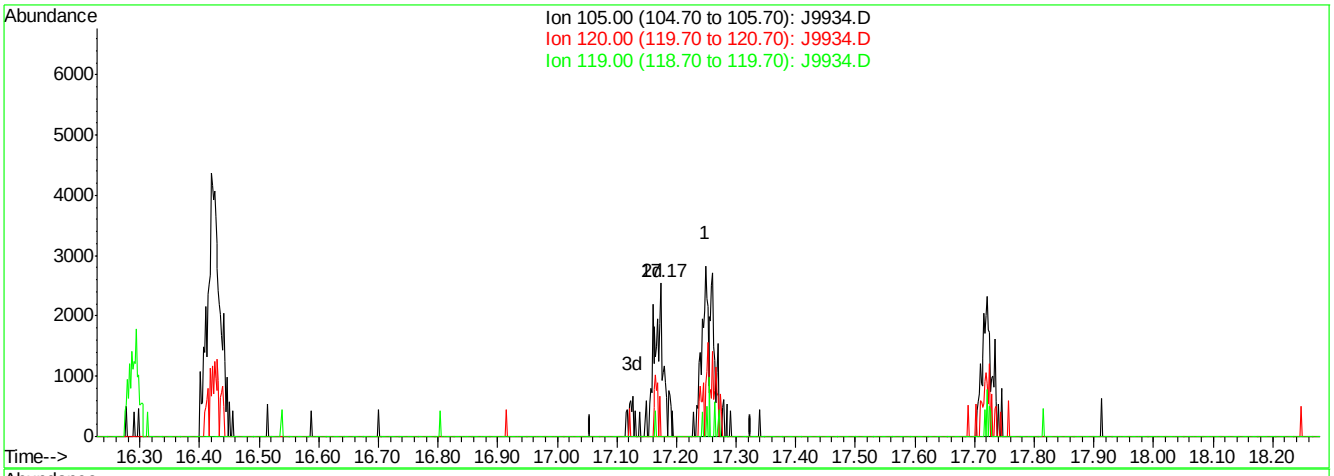
J9934.D J040407T.M Thu Apr 05 17:15:47 2007

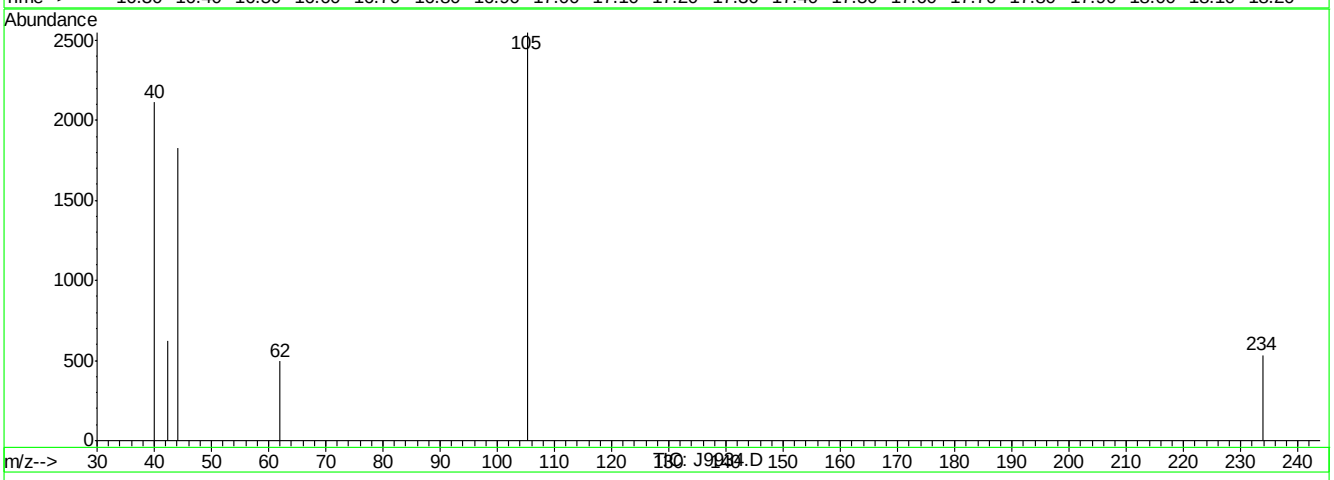
Quantitation Report (Qedit)

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

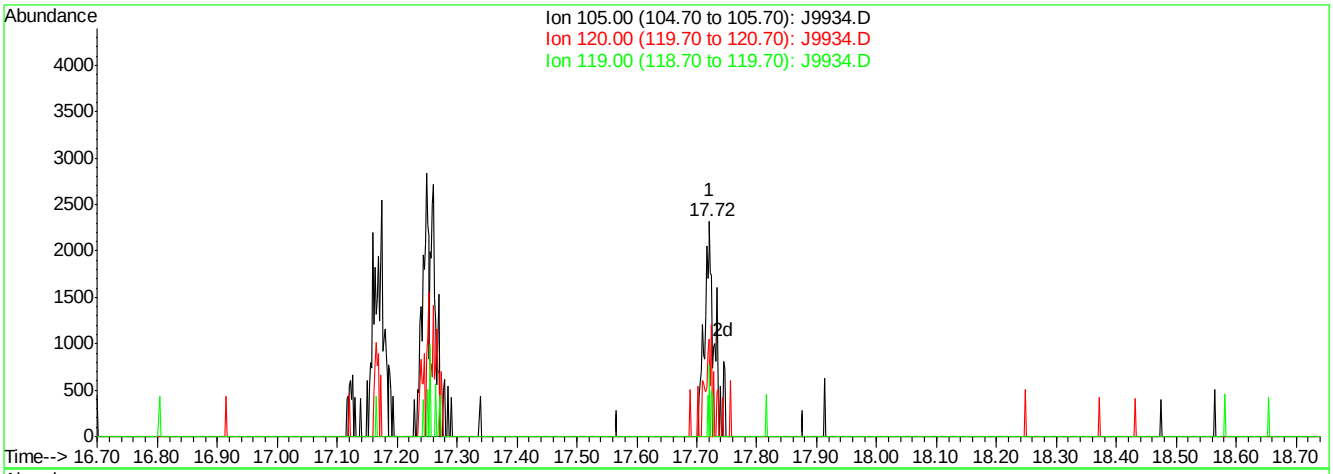
J9934.D J040407T.M Thu Apr 05 17:15:51 2007

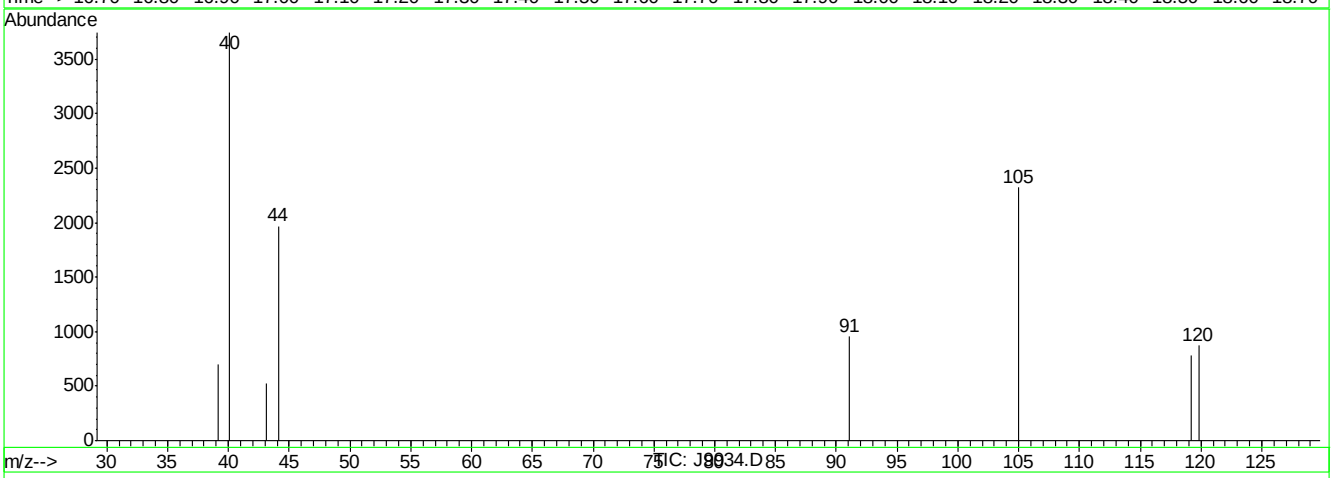
Quantitation Report (Qedit)

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

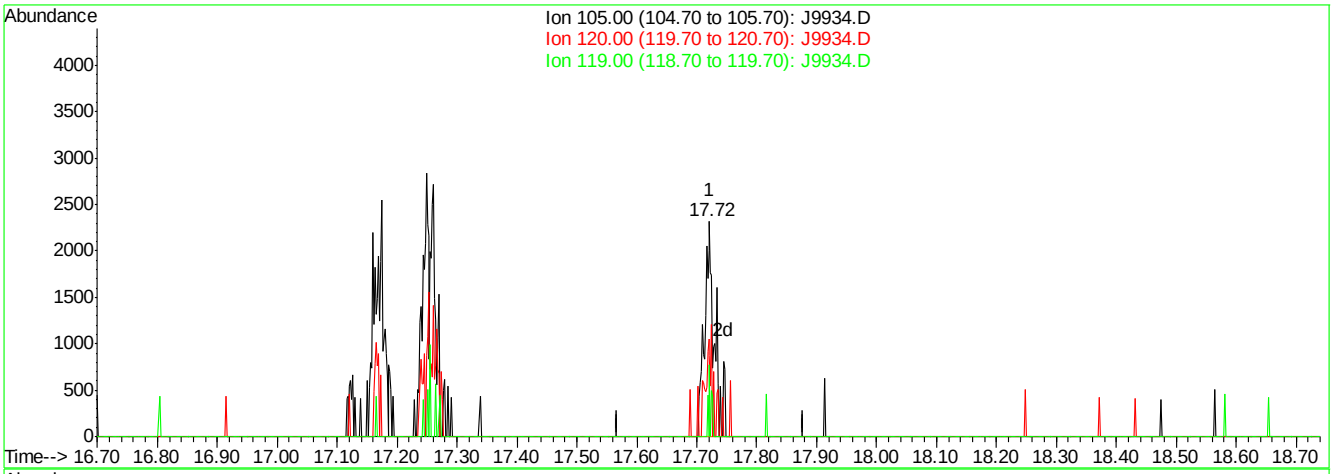
J9934.D J040407T.M Thu Apr 05 17:15:56 2007

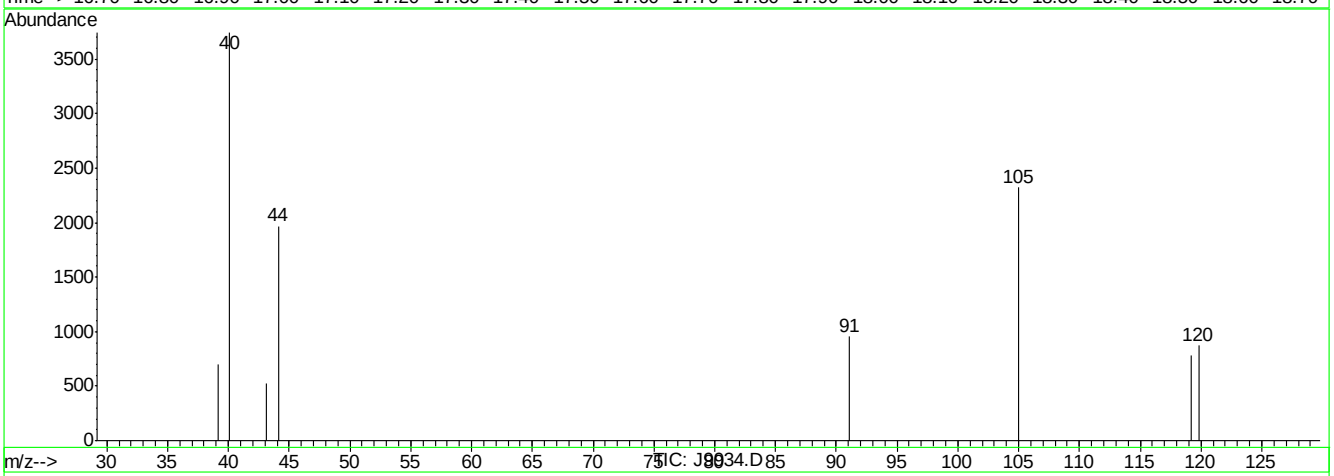
Quantitation Report (Qedit)

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

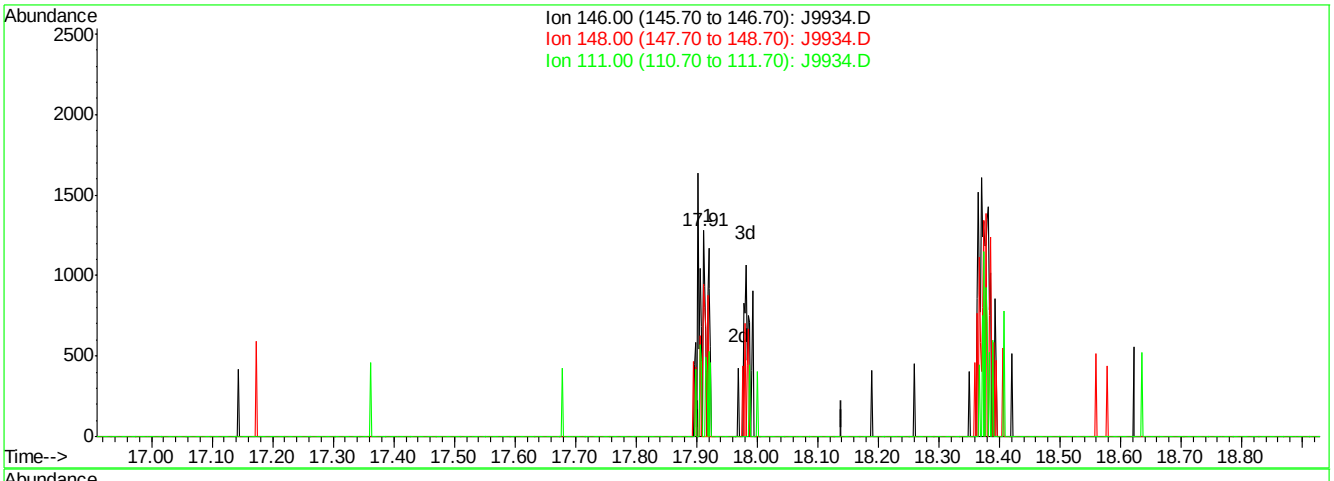
J9934.D J040407T.M Thu Apr 05 17:15:59 2007

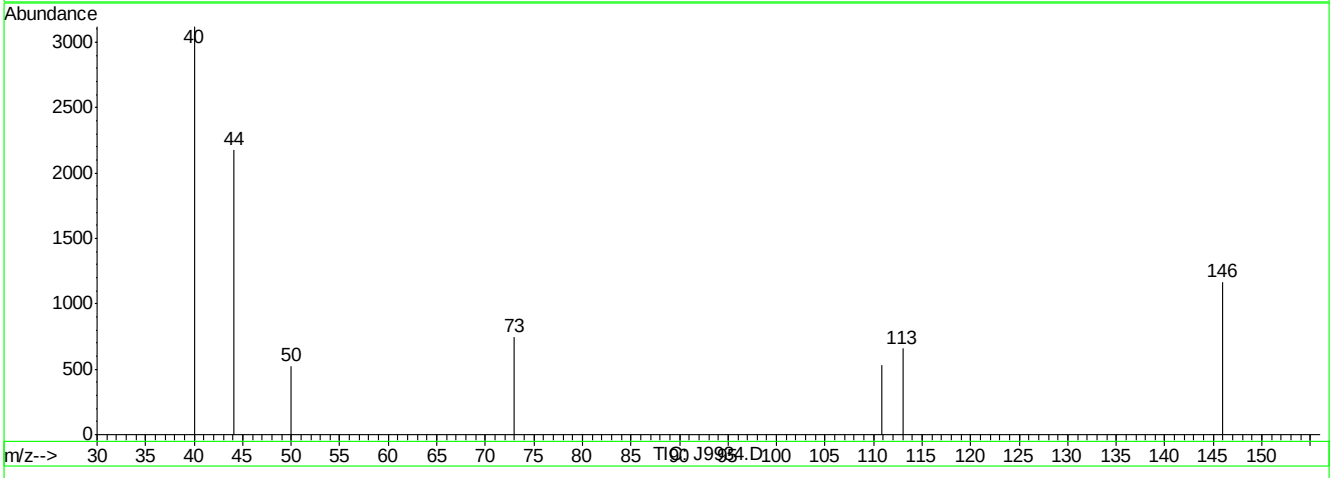
Quantitation Report (Qedit)

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

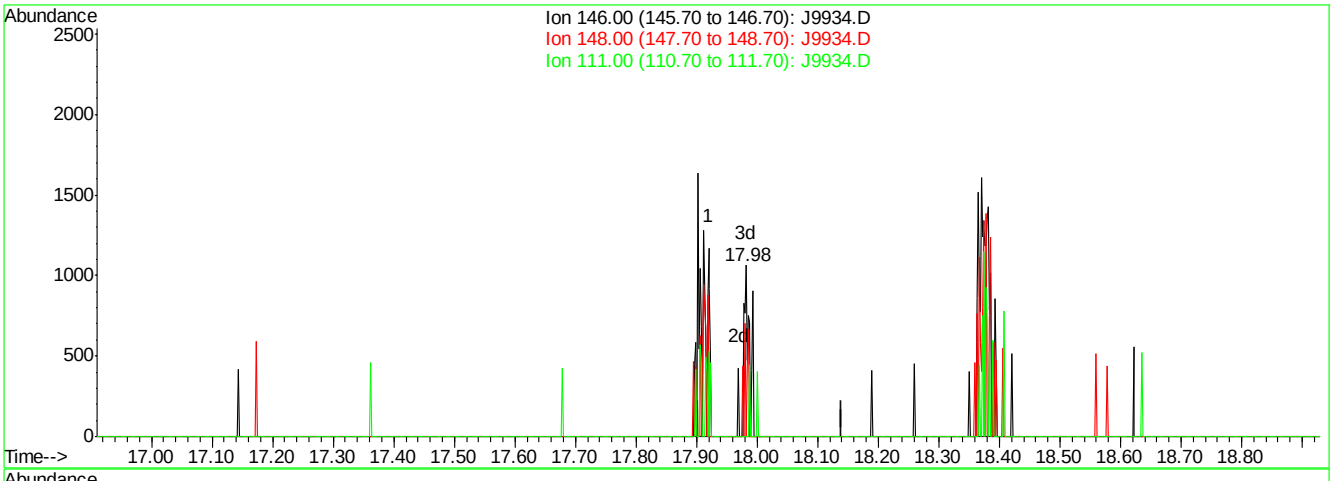
J9934.D J040407T.M Thu Apr 05 17:16:09 2007

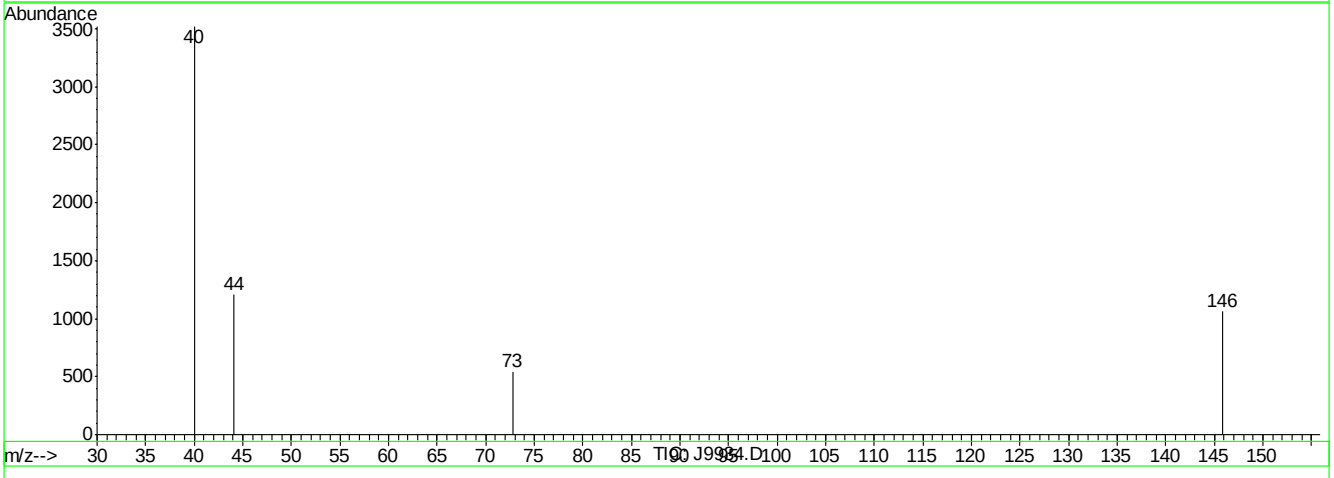
Quantitation Report (Qedit)

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

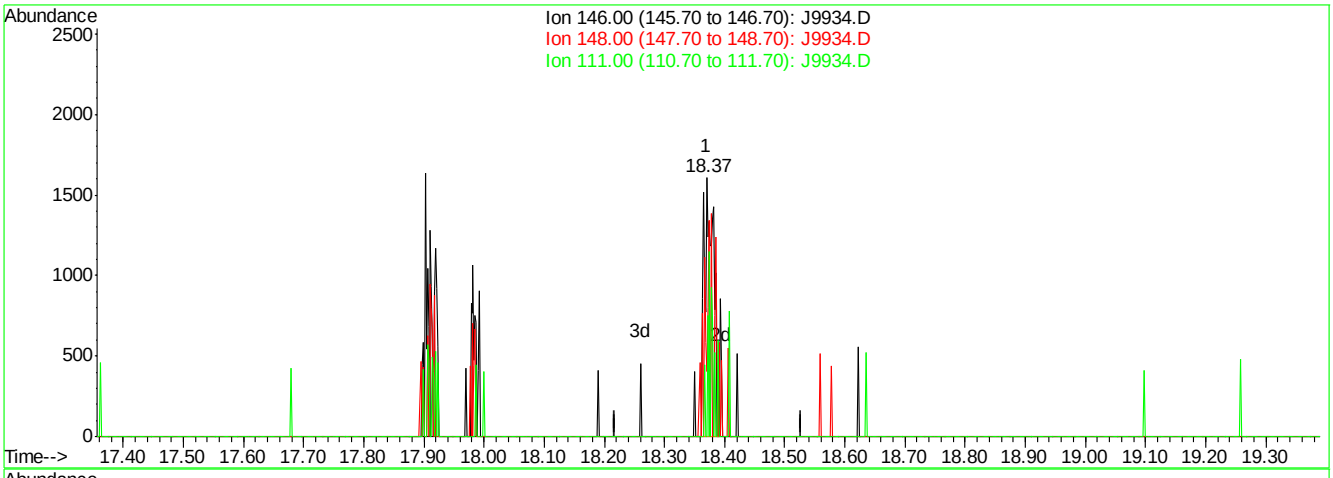
J9934.D J040407T.M Thu Apr 05 17:16:12 2007

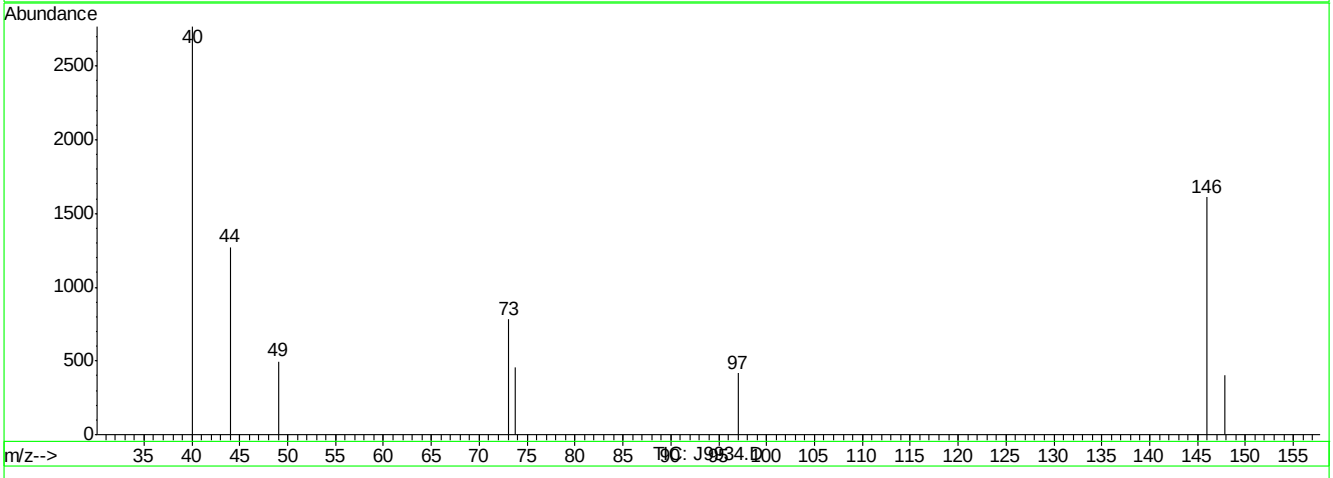
Quantitation Report (Qedit)

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

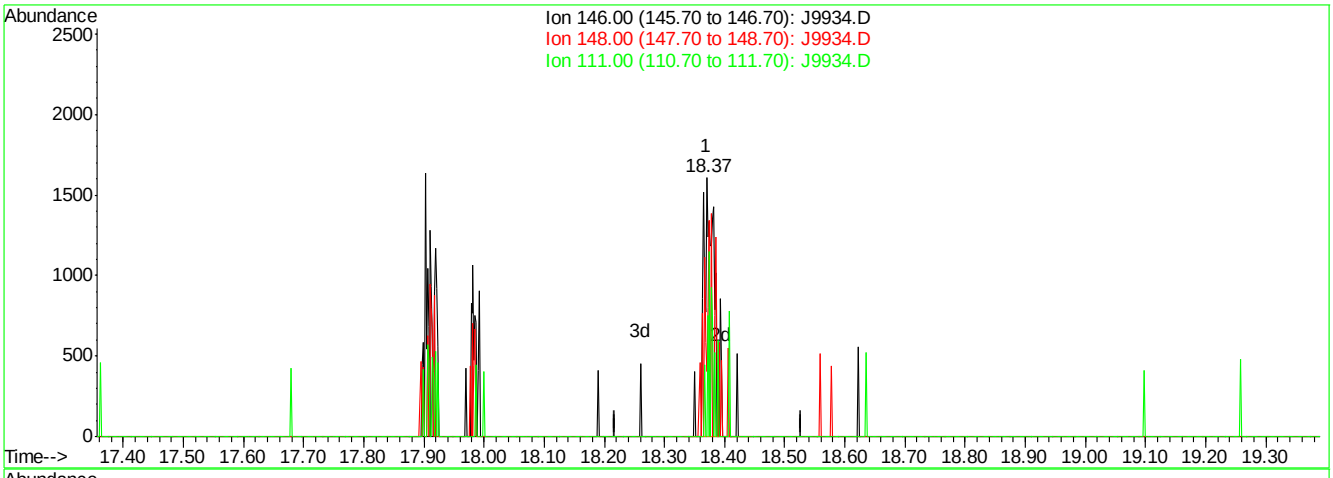
J9934.D J040407T.M Thu Apr 05 17:16:16 2007

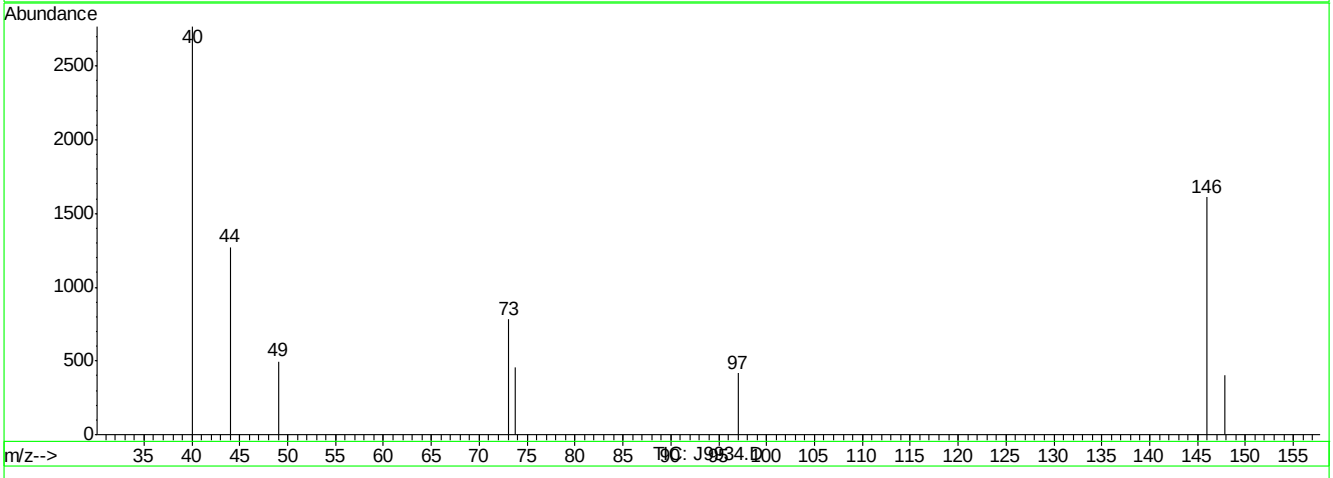
Quantitation Report (Qedit)

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

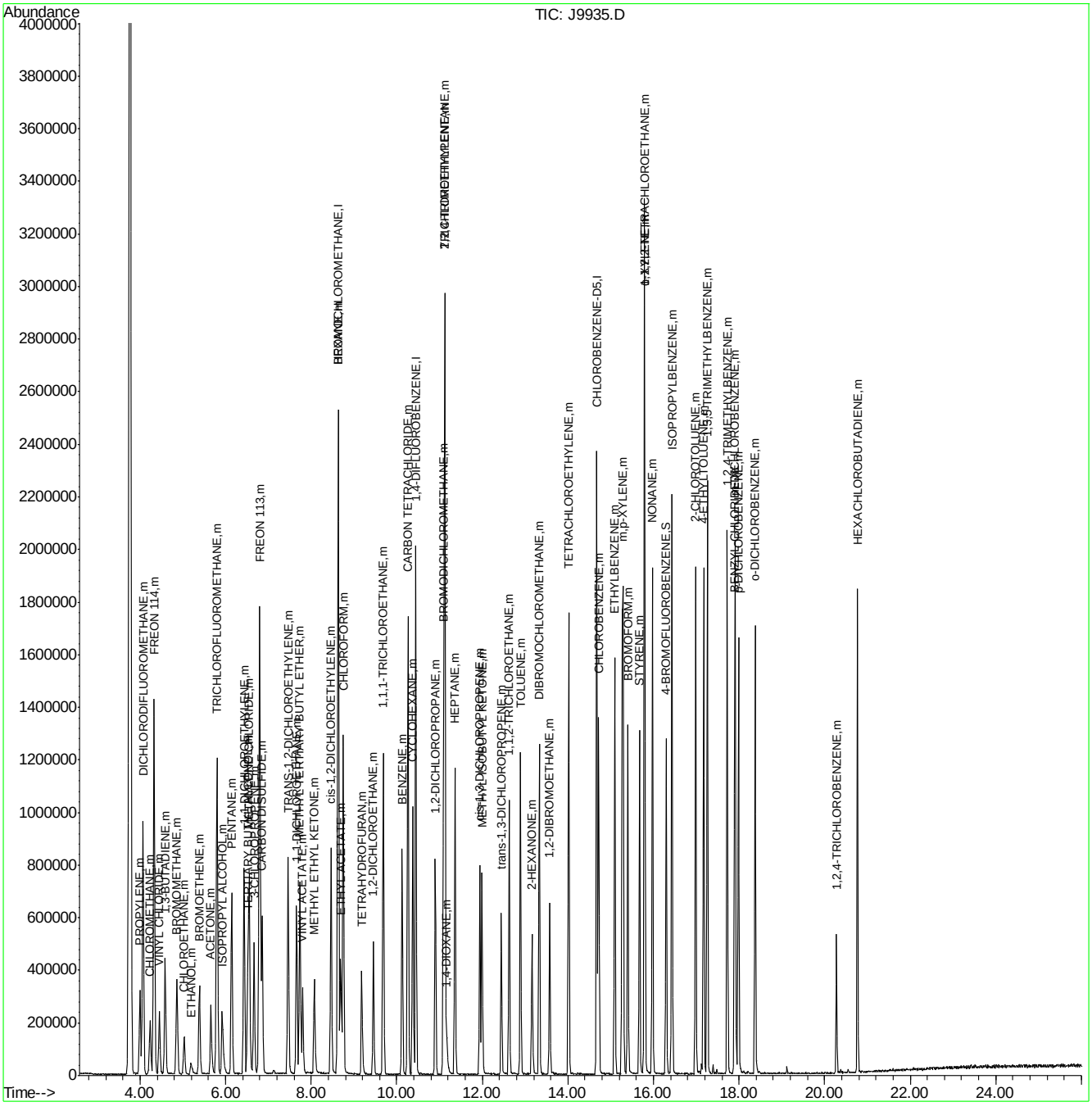
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.99	43	544609	9.97	PPBV	90
45) cis-1,3-DICHLOROPROPENE	11.94	75	337289	9.20	PPBV	88
46) TOLUENE	12.89	92	426887	8.66	PPBV	95
47) trans-1,3-DICHLOROPROPENE	12.45	75	271547	8.81	PPBV	88
48) 1,1,2-TRICHLOROETHANE	12.63	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
04/12/07 16:08

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9973.D
Acq On : 10 Apr 2007 1:53 pm
Operator : PhilipB
Sample : CC513-10 (M119)
Misc : MS13352, MSJ516,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 11 09:01:02 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	418848	10.00	PPBV	-0.02
35) 1,4-DIFLUOROBENZENE	10.43	114	1033770	10.00	PPBV	-0.01
49) CHLOROBENZENE-D5	14.67	117	832802	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.29	95	250090	5.01	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery	= 100.20%		
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	970860	10.22	PPBV	98
3) PROPYLENE	3.99	41	187432	12.52	PPBV	99
4) FREON 114	4.31	85	840983	10.50	PPBV	89
5) CHLOROMETHANE	4.23	50	250064	11.66	PPBV	95
6) VINYL CHLORIDE	4.44	62	252129	11.26	PPBV	99
7) 1,3-BUTADIENE	4.57	39	235628	12.72	PPBV	86
8) BROMOMETHANE	4.85	94	251786	10.13	PPBV	98
9) CHLOROETHANE	5.02	64	111973	10.84	PPBV	95
10) TRICHLOROFLUOROMETHANE	5.78	101	1041650	10.13	PPBV	99
11) ISOPROPYL ALCOHOL	5.90	45	324607	9.89	PPBV	77
12) ACETONE	5.63	43	383621	11.80	PPBV	92
13) PENTANE	6.12	42	252243	10.70	PPBV	97
14) 1,1-DICHLOROETHYLENE	6.41	96	235390	9.84	PPBV	88
15) CARBON DISULFIDE	6.83	76	765293	9.94	PPBV	94
16) ETHANOL	5.18	45	58189	10.77	PPBV	99
17) BROMOETHENE	5.37	106	230386	10.06	PPBV #	96
18) METHYLENE CHLORIDE	6.53	84	236157	7.99	PPBV	88
19) 3-CHLOROPROPENE	6.64	39	245925	10.52	PPBV	90
20) FREON 113	6.77	151	528843	9.70	PPBV	94
21) TRANS-1,2-DICHLOROETHYLENE	7.44	96	262196	9.94	PPBV	96
22) TERTIARY BUTYL ALCOHOL	6.50	59	392267	9.64	PPBV #	63
23) METHYL TERTIARY BUTYL ETHE	7.72	73	568682	10.13	PPBV	93
24) TETRAHYDROFURAN	9.16	42	201515	13.18	PPBV	85
25) HEXANE	8.62	57	300330	8.49	PPBV	86
26) VINYL ACETATE	7.78	43	350048	9.54	PPBV	96
27) 1,1-DICHLOROETHANE	7.64	63	470752	9.66	PPBV	94
28) METHYL ETHYL KETONE	8.05	43	383965	9.35	PPBV	93
29) cis-1,2-DICHLOROETHYLENE	8.45	96	299736	10.21	PPBV	97
30) ETHYL ACETATE	8.68	43	405374	9.59	PPBV	99
31) CHLOROFORM	8.73	83	835333	10.25	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.67	97	650388	10.25	PPBV	96
33) CARBON TETRACHLORIDE	10.25	117	835756	10.56	PPBV	99
34) 1,2-DICHLOROETHANE	9.44	62	351422	10.94	PPBV	99
36) BENZENE	10.11	78	514586	11.10	PPBV	96
37) CYCLOHEXANE	10.36	84	242335	11.95	PPBV	88
38) TRICHLOROETHYLENE	11.11	95	316394	12.65	PPBV	94
39) 1,2-DICHLOROPROPANE	10.89	63	204632	12.01	PPBV	100
40) BROMODICHLOROMETHANE	11.08	83	592713	11.13	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.11	57	1056519	12.52	PPBV	96
42) 1,4-DIOXANE	11.16	88	89644	9.86	PPBV	88
43) HEPTANE	11.35	43	365031	13.62	PPBV	87

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9973.D
Acq On : 10 Apr 2007 1:53 pm
Operator : PhilipB
Sample : CC513-10 (M119)
Misc : MS13352, MSJ516,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 11 09:01:02 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

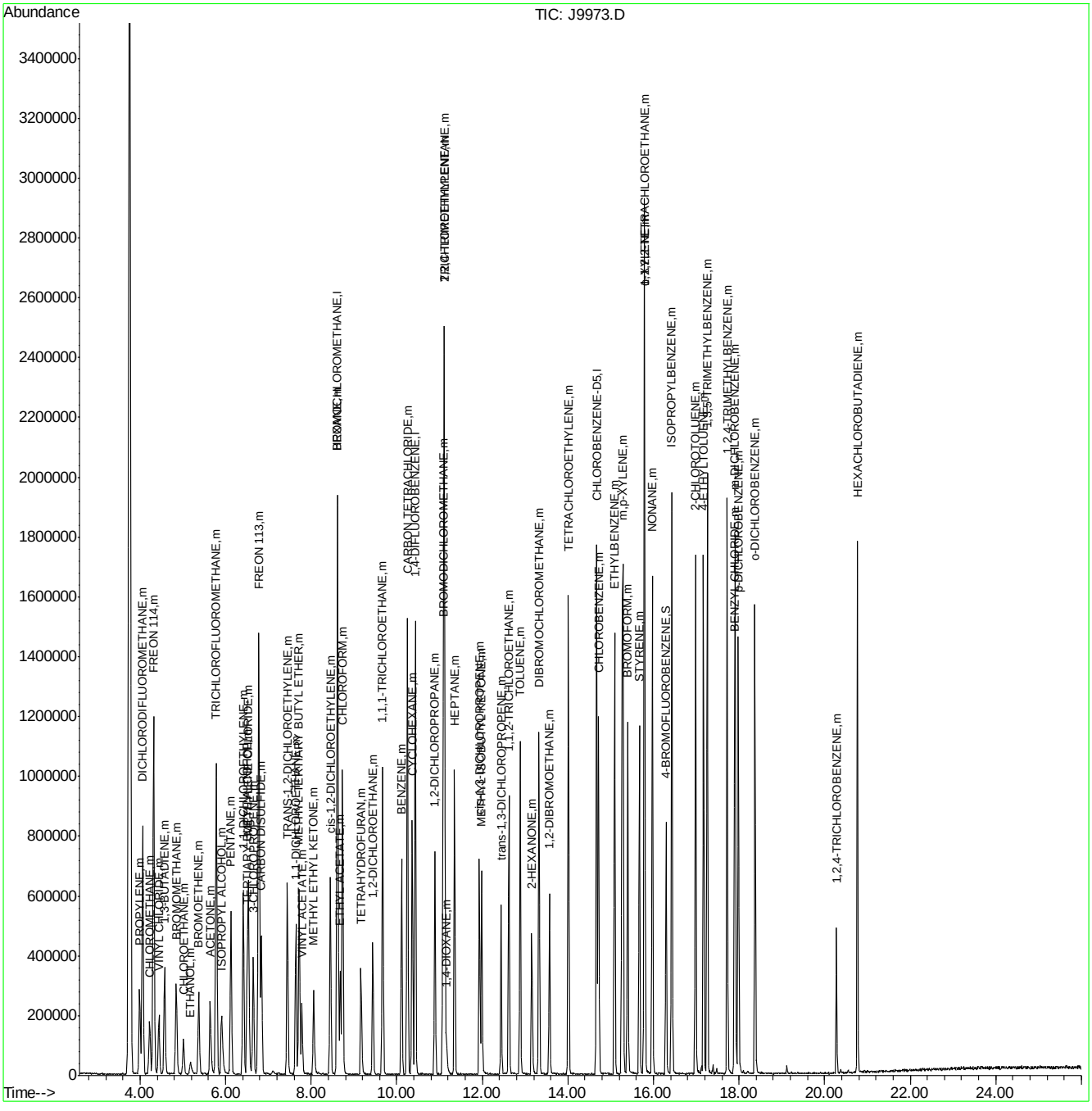
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.98	43	491144	11.63	PPBV	89
45) cis-1,3-DICHLOROPROPENE	11.93	75	293355	10.32	PPBV	85
46) TOLUENE	12.88	92	379811	9.85	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.44	75	238876	9.94	PPBV	85
48) 1,1,2-TRICHLOROETHANE	12.62	83	216624	12.11	PPBV	99
50) 2-HEXANONE	13.15	43	371173	11.10	PPBV	86
51) TETRACHLOROETHYLENE	14.01	164	251859	11.75	PPBV	91
52) DIBROMOCHLOROMETHANE	13.32	129	547948	11.60	PPBV	99
53) 1,2-DIBROMOETHANE	13.57	107	369015	9.93	PPBV	99
54) CHLOROBENZENE	14.71	112	532096	13.04	PPBV	96
55) ETHYLBENZENE	15.09	91	900754	11.63	PPBV	96
56) m,p-XYLENE	15.28	106	712110m	22.79	PPBV	
57) o-XYLENE	15.79	106	397021	11.13	PPBV	90
58) STYRENE	15.67	104	463238	11.12	PPBV	96
59) NONANE	15.97	43	603772	12.38	PPBV	92
60) BROMOFORM	15.40	173	487615	10.62	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	670848	13.38	PPBV	97
63) ISOPROPYLBENZENE	16.43	105	1184222	11.33	PPBV	97
64) 2-CHLOROTOLUENE	16.98	91	836656	11.44	PPBV	96
65) 4-ETHYLTOLUENE	17.17	105	930325	10.92	PPBV	76
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	951781	10.93	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	871898	10.80	PPBV	100
68) m-DICHLOROBENZENE	17.91	146	541251	10.81	PPBV	98
69) BENZYL CHLORIDE	17.89	91	440084	10.25	PPBV	98
70) p-DICHLOROBENZENE	17.98	146	472517	10.51	PPBV	96
71) o-DICHLOROBENZENE	18.37	146	482348	10.70	PPBV	98
72) HEXACHLOROBUTADIENE	20.77	225	188485	10.07	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.28	180	87281	9.58	PPBV	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J9973.D
Acq On : 10 Apr 2007 1:53 pm
Operator : PhilipB
Sample : CC513-10 (M119)
Misc : MS13352, MSJ516,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 11 09:01:02 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



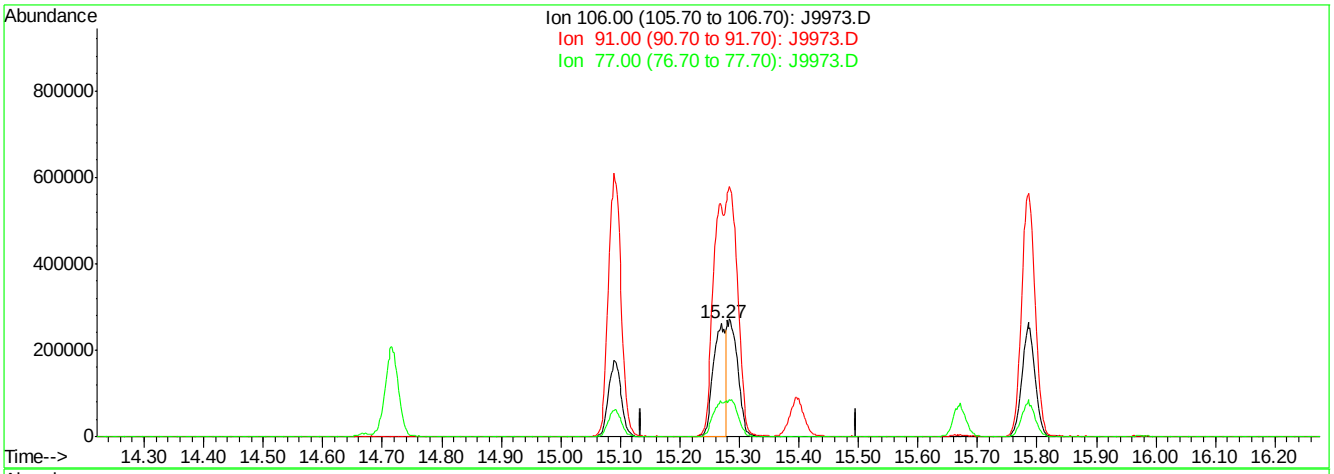
ACCUTEST Laboratories
M64245

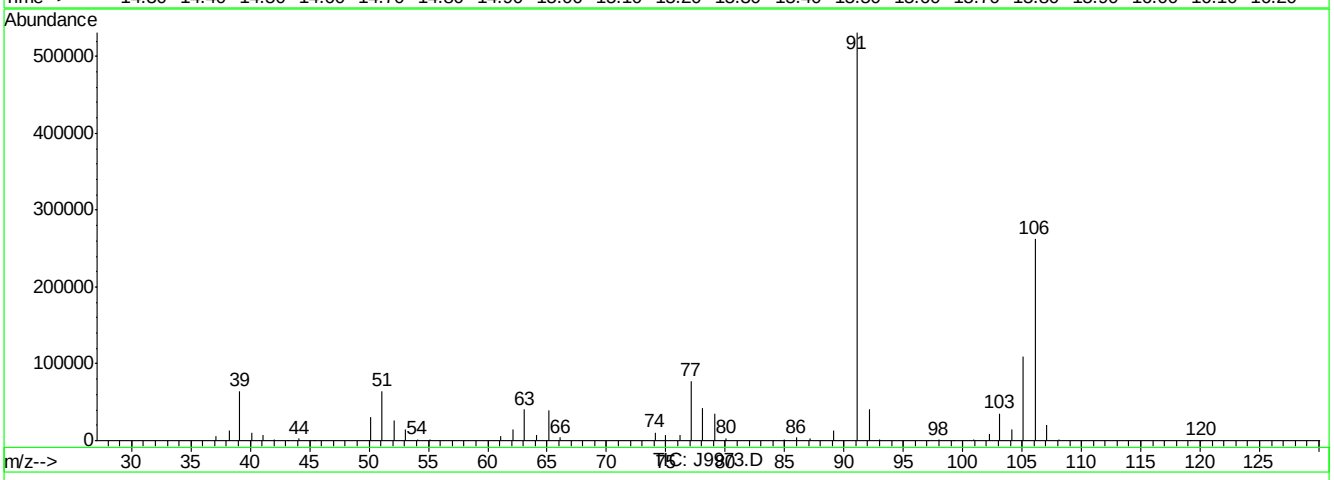
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9973.D Vial: 4
Acq On : 10 Apr 2007 1:53 pm Operator: PhilipB
Sample : CC513-10 (M119) Inst : MSJ
Misc : MS13352, MSJ516,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 11 09:00:11 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 360071

Ion	Exp%	Act%
106.00	100	100
91.00	191.80	202.49
77.00	27.10	29.64
0.00	0.00	0.00

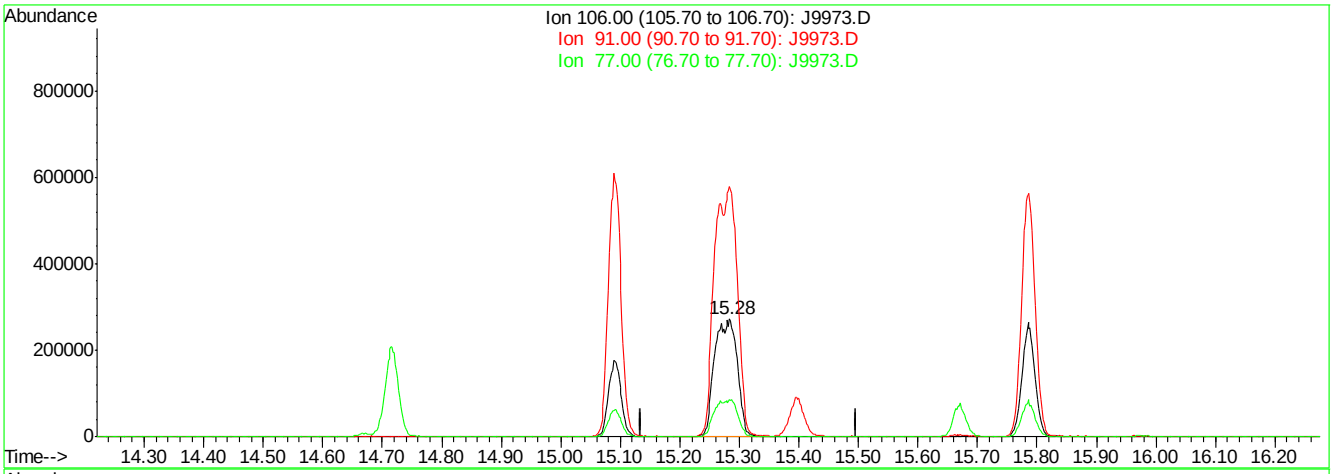
J9973.D J040507T.M Wed Apr 11 09:01:00 2007

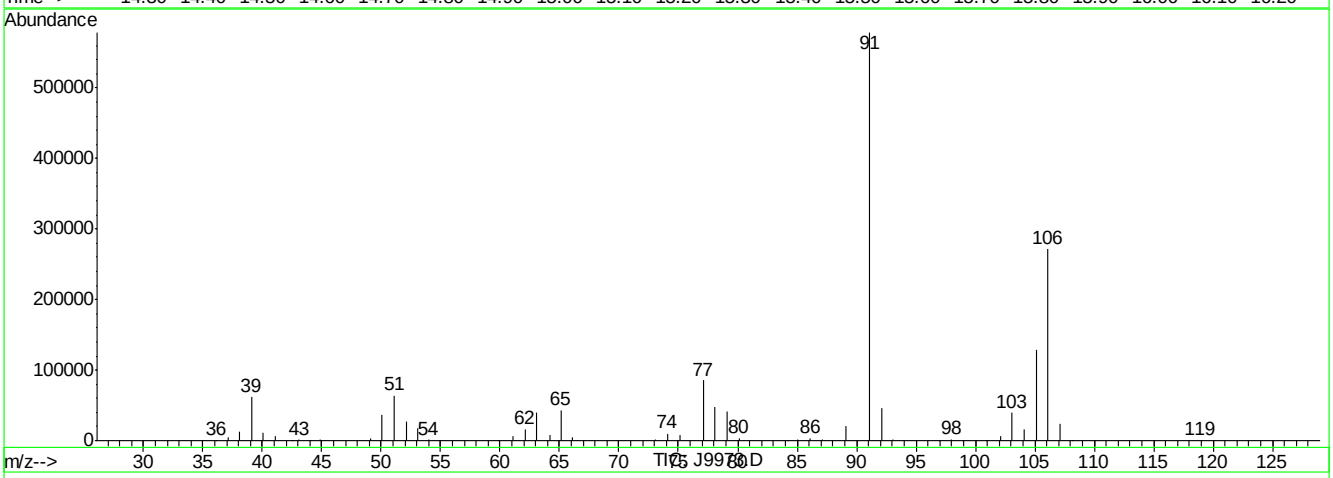
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J9973.D Vial: 4
Acq On : 10 Apr 2007 1:53 pm Operator: PhilipB
Sample : CC513-10 (M119) Inst : MSJ
Misc : MS13352, MSJ516,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 11 09:00:11 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 22.79PPBV m

response 712110

Ion	Exp%	Act%
106.00	100	100
91.00	191.80	213.21
77.00	27.10	31.61
0.00	0.00	0.00

J9973.D J040507T.M Wed Apr 11 09:01:05 2007

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

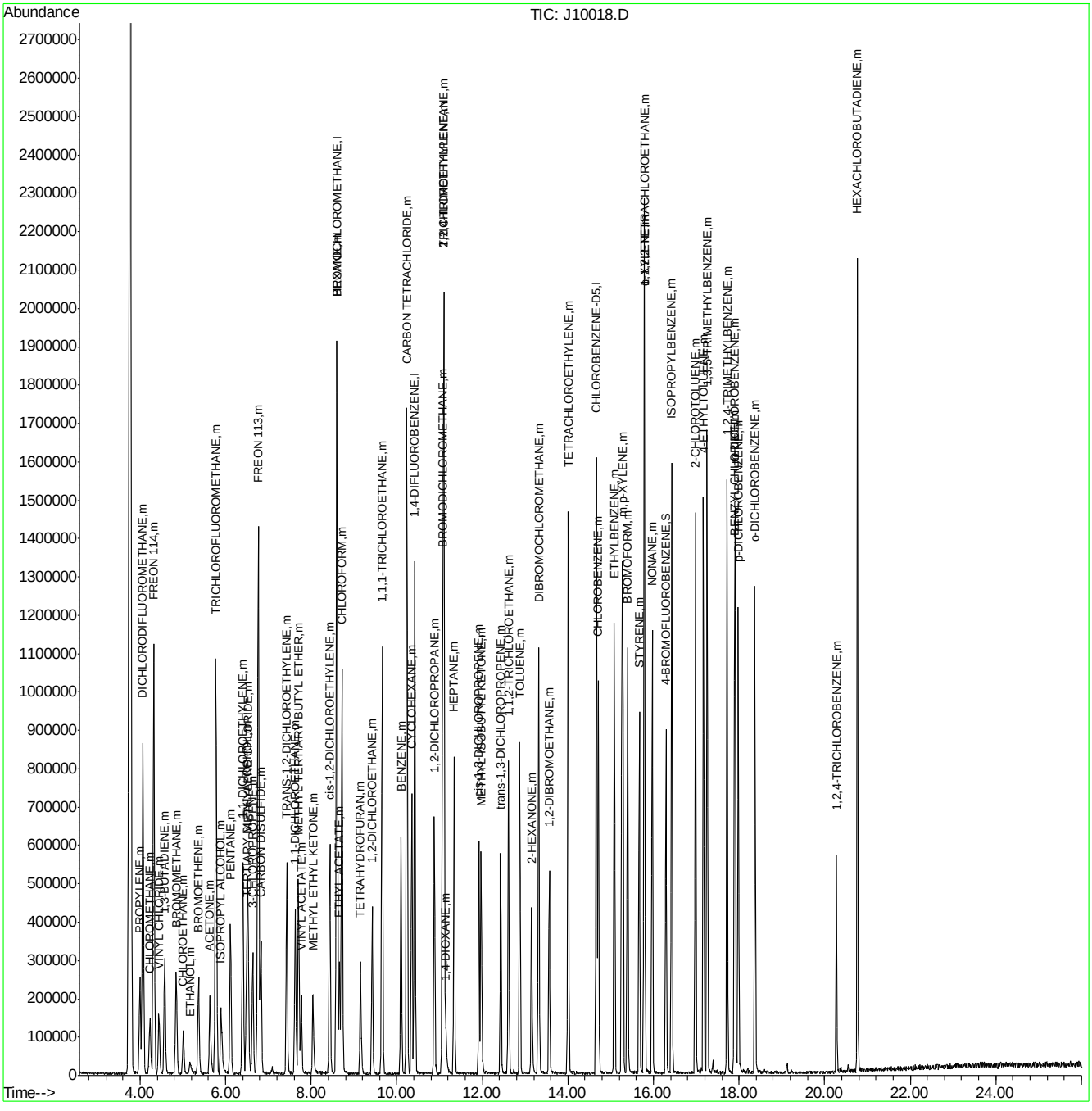
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.97	43	412201	11.43	PPBV	86
45) cis-1,3-DICHLOROPROPENE	11.92	75	222725	9.26	PPBV #	70
46) TOLUENE	12.88	92	289991	8.93	PPBV	92
47) trans-1,3-DICHLOROPROPENE	12.43	75	230302	11.06	PPBV #	77
48) 1,1,2-TRICHLOROETHANE	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

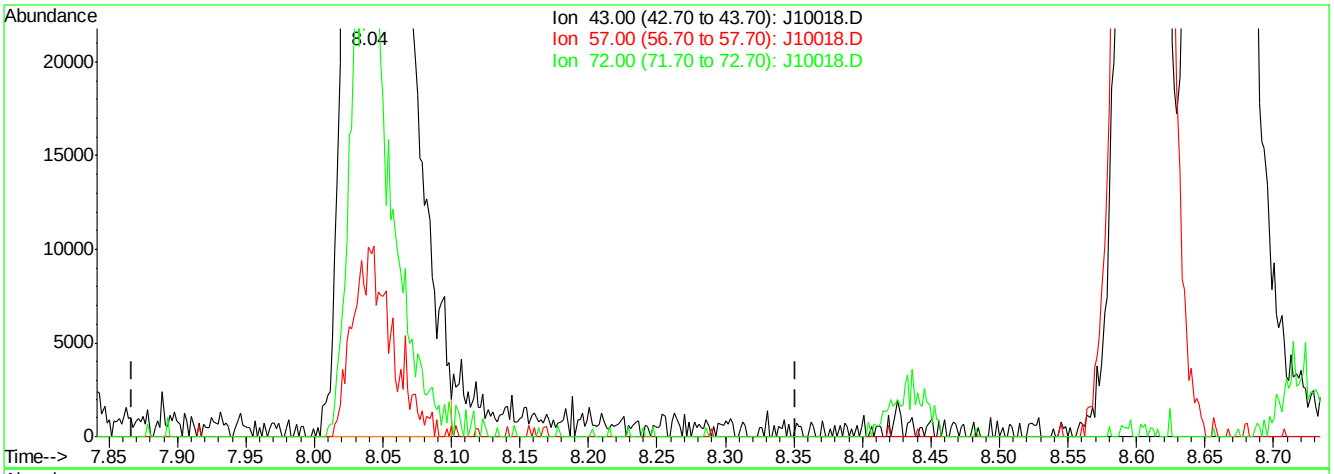


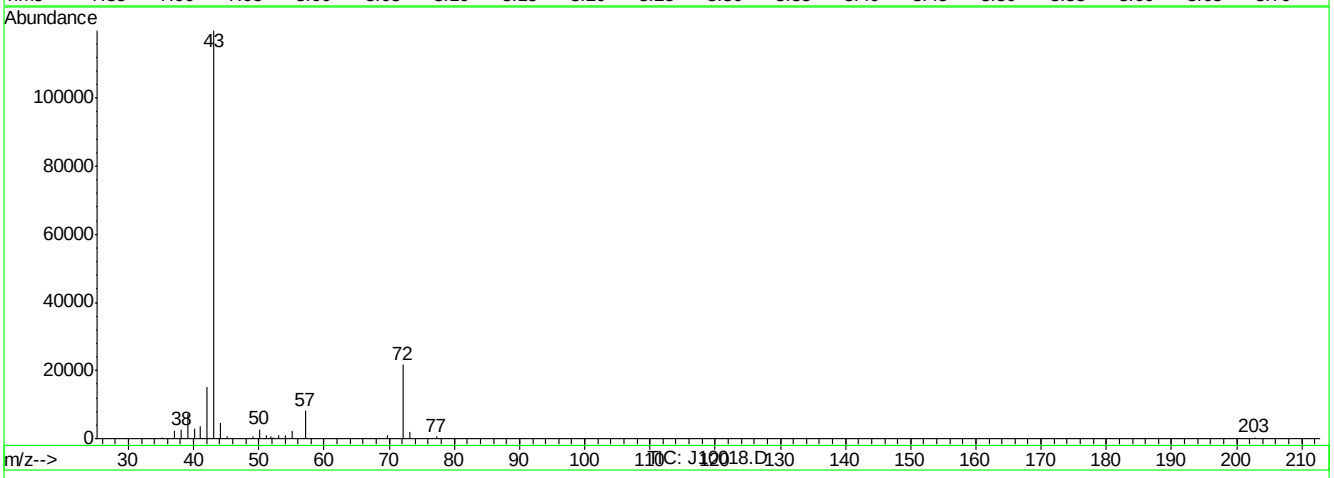
Quantitation Report (Qedit)

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

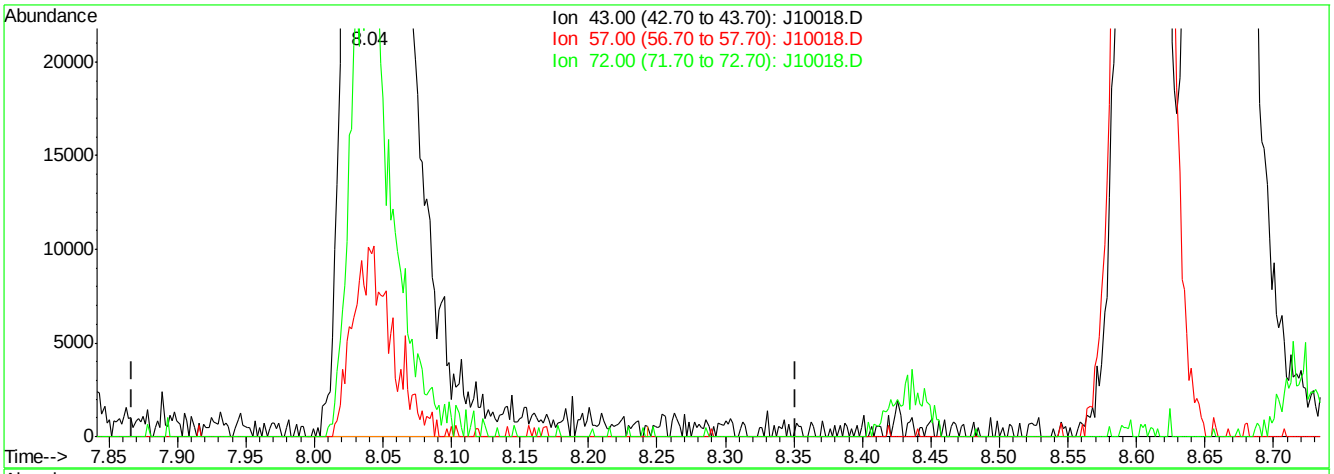
J10018.D J040507T.M Fri Apr 13 10:53:13 2007

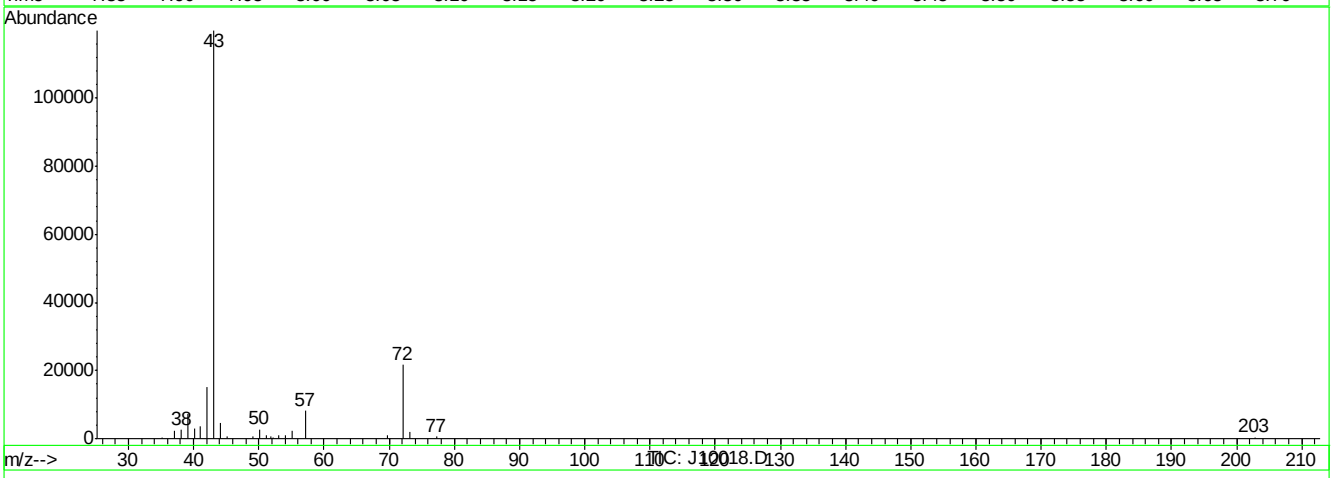
Quantitation Report (Qedit)

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

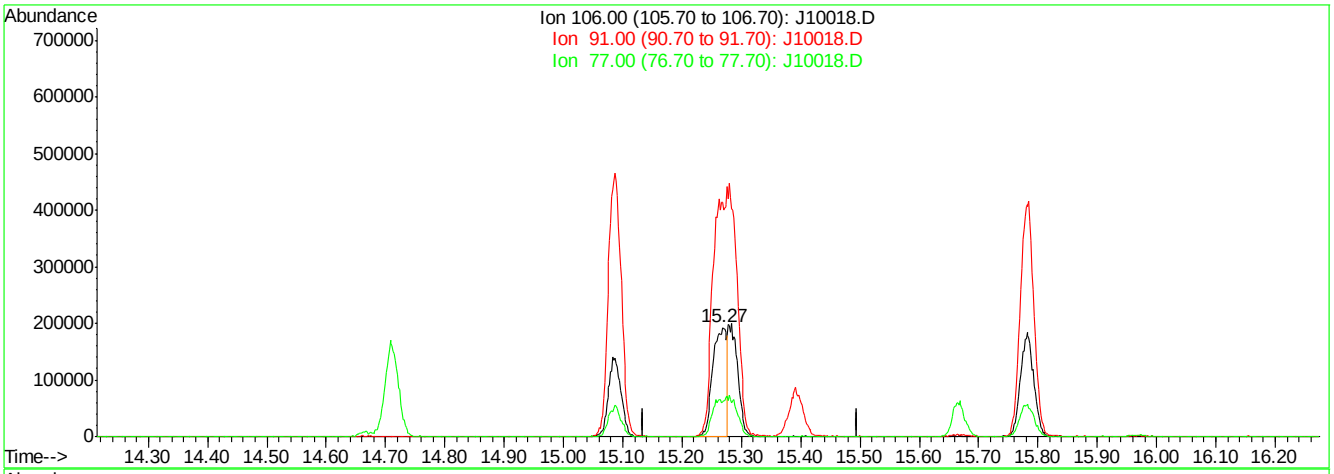
J10018.D J040507T.M Fri Apr 13 10:53:19 2007

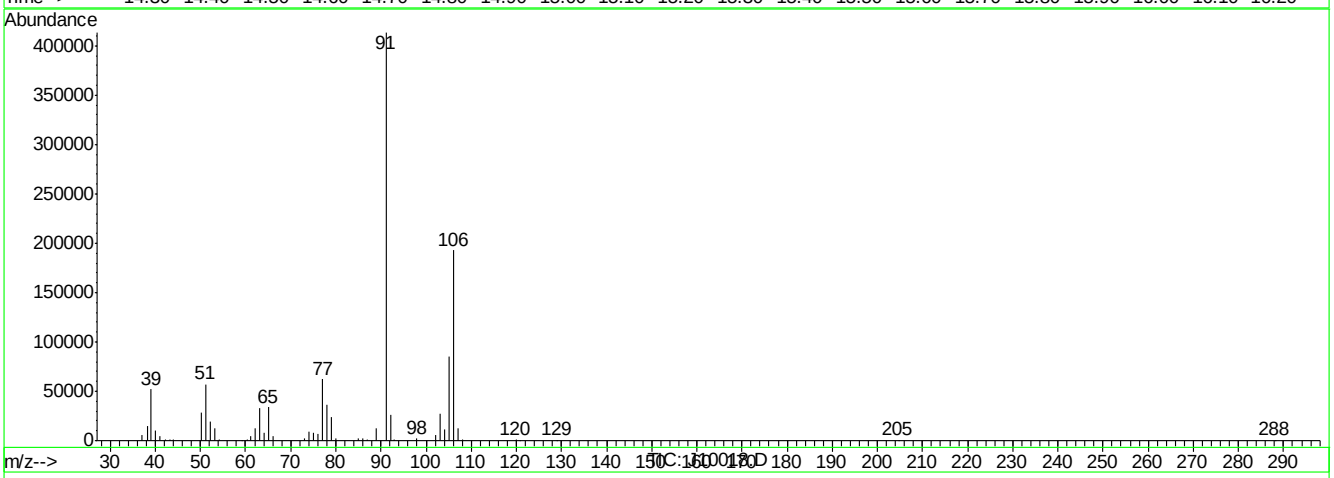
Quantitation Report (Qedit)

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

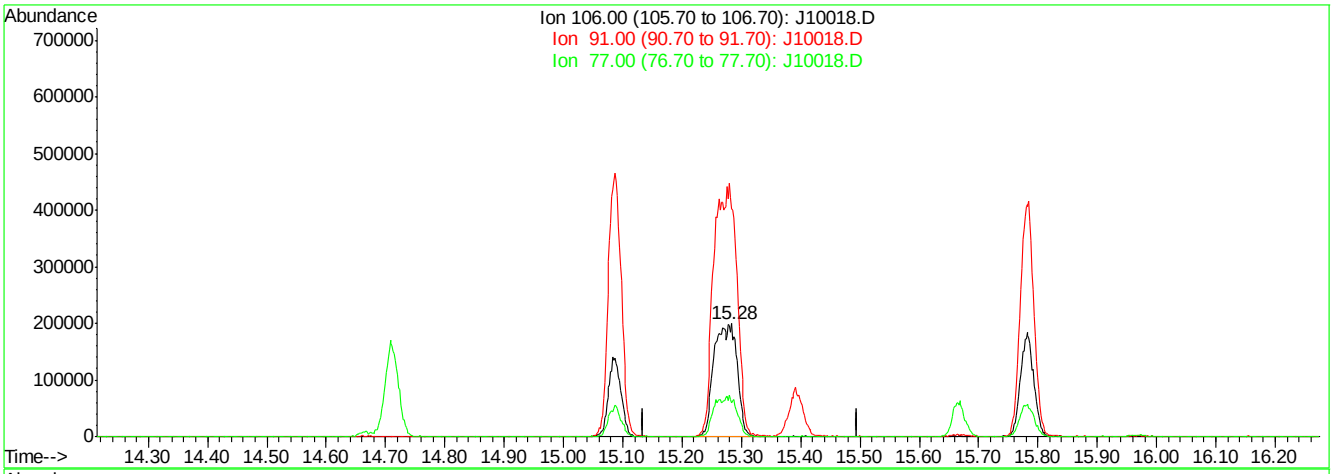
J10018.D J040507T.M Fri Apr 13 10:53:25 2007

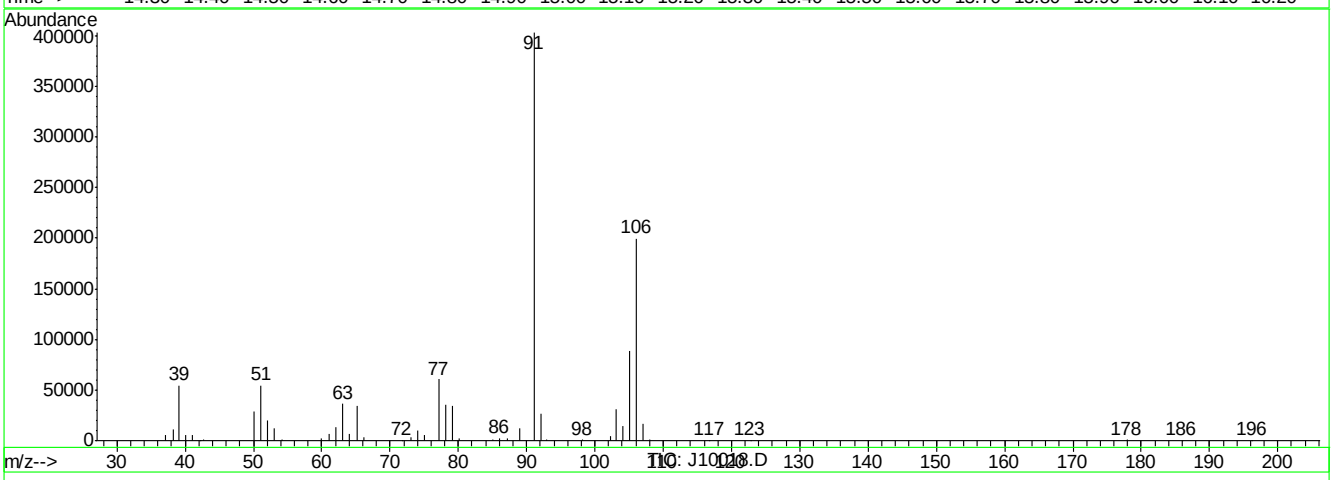
Quantitation Report (Qedit)

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10137.D
Acq On : 26 Apr 2007 12:53 pm
Operator : danat
Sample : IC525-20 (M132)
Misc : MS13434, MSJ525,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 26 13:20:00 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 26 13:01:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.61	128	89217	10.00	PPBV	-0.02
35) 1,4-DIFLUOROBENZENE	10.43	114	384279	10.00	PPBV	-0.02
49) CHLOROBENZENE-D5	14.67	117	335261	10.00	PPBV	-0.01
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.29	95	112465	4.77	PPBV	-0.02
Spiked Amount 5.000	Range 51 - 142		Recovery = 95.40%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	631280	28.98	PPBV	99
3) PROPYLENE	3.99	41	92581	29.79	PPBV	97
4) FREON 114	4.31	85	510473	27.85	PPBV	98
5) CHLOROMETHANE	4.22	50	119388	28.86	PPBV	92
6) VINYL CHLORIDE	4.43	62	148742	28.54	PPBV	99
7) 1,3-BUTADIENE	4.57	39	106134	28.10	PPBV	97
8) BROMOMETHANE	4.84	94	171879	28.31	PPBV	99
9) CHLOROETHANE	5.01	64	69661	28.86	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.78	101	613401	27.69	PPBV	99
11) ISOPROPYL ALCOHOL	5.90	45	174498	26.85	PPBV	95
12) ACETONE	5.63	43	160521	26.65	PPBV	99
13) PENTANE	6.12	42	114655	27.98	PPBV	93
14) 1,1-DICHLOROETHYLENE	6.42	96	162158	28.43	PPBV	94
15) CARBON DISULFIDE	6.83	76	433796	28.24	PPBV	98
16) ETHANOL	5.16	45	26230	26.19	PPBV	96
17) BROMOETHENE	5.37	106	173085	27.96	PPBV	99
18) METHYLENE CHLORIDE	6.53	84	144348	28.37	PPBV	93
19) 3-CHLOROPROPENE	6.64	39	128785	26.66	PPBV	95
20) FREON 113	6.78	151	336329	27.24	PPBV	93
21) TRANS-1,2-DICHLOROETHYLENE	7.44	96	162149	27.69	PPBV	98
22) TERTIARY BUTYL ALCOHOL	6.50	59	255701	25.92	PPBV	87
23) METHYL TERTIARY BUTYL ETHE	7.71	73	334035	25.85	PPBV	99
24) TETRAHYDROFURAN	9.16	42	93404	26.02	PPBV	91
25) HEXANE	8.62	57	162863	26.02	PPBV	96
26) VINYL ACETATE	7.78	43	204390	24.92	PPBV	98
27) 1,1-DICHLOROETHANE	7.64	63	265127	26.82	PPBV	99
28) METHYL ETHYL KETONE	8.05	43	174503	26.31	PPBV	97
29) cis-1,2-DICHLOROETHYLENE	8.45	96	158966	25.96	PPBV	99
30) ETHYL ACETATE	8.67	43	188090	25.86	PPBV	99
31) CHLOROFORM	8.73	83	379982	26.27	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.67	97	465072	26.68	PPBV	98
33) CARBON TETRACHLORIDE	10.25	117	562072	26.75	PPBV	100
34) 1,2-DICHLOROETHANE	9.44	62	220027	25.17	PPBV	100
36) BENZENE	10.11	78	369514	23.35	PPBV	99
37) CYCLOHEXANE	10.36	84	179251	25.33	PPBV	93
38) TRICHLOROETHYLENE	11.11	95	192947	21.81	PPBV	98
39) 1,2-DICHLOROPROPANE	10.89	63	116991	22.13	PPBV	96
40) BROMODICHLOROMETHANE	11.08	83	345427	22.72	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.11	57	628869	24.65	PPBV	99
42) 1,4-DIOXANE	11.15	88	68813	23.90	PPBV #	77
43) HEPTANE	11.35	43	171877	22.66	PPBV	92

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10137.D
Acq On : 26 Apr 2007 12:53 pm
Operator : danat
Sample : IC525-20 (M132)
Misc : MS13434, MSJ525,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 26 13:20:00 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 26 13:01:03 2007
Response via : Initial Calibration

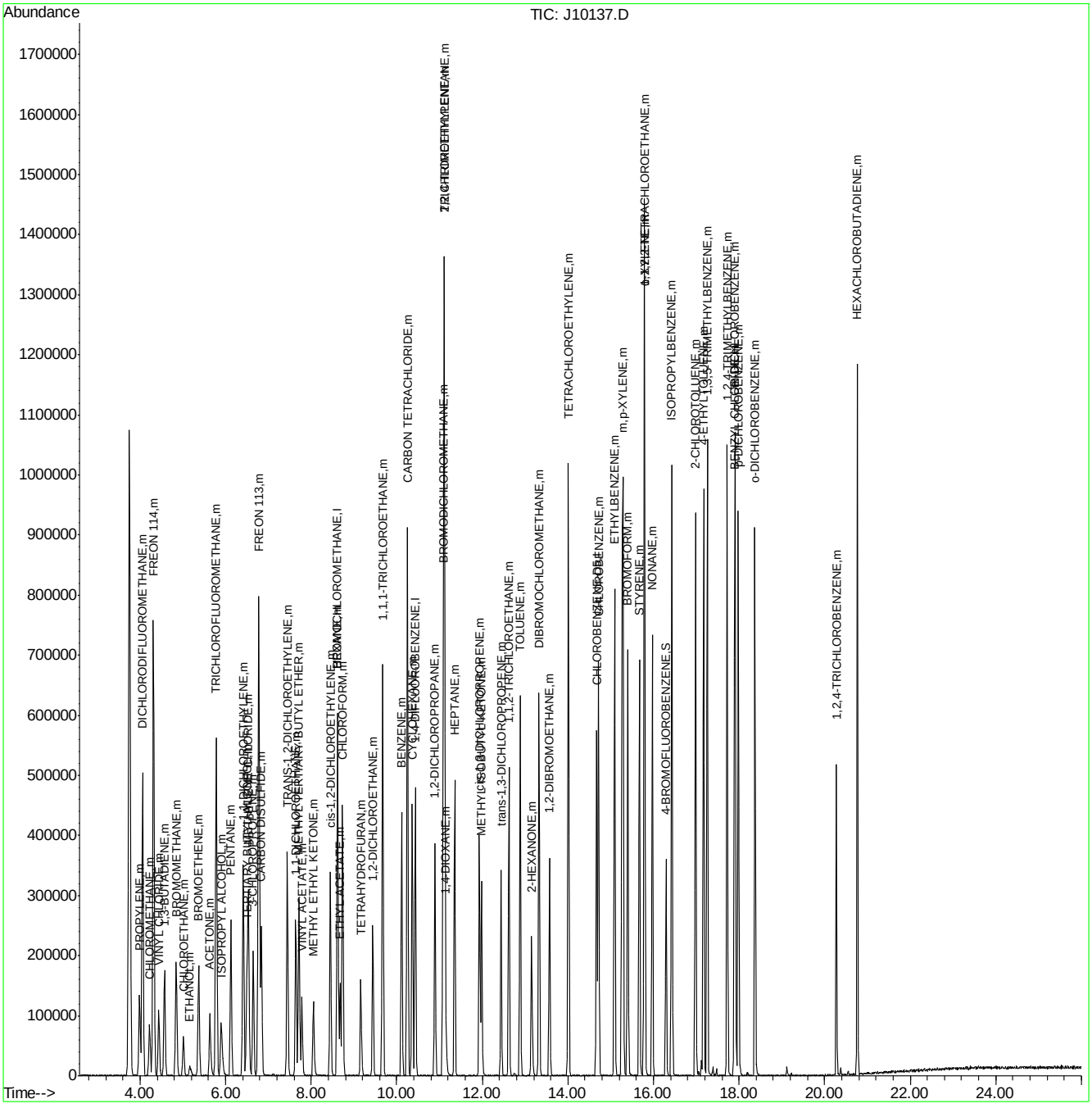
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.98	43	219157	23.30 PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.93	75	206247	22.89 PPBV	97
46) TOLUENE	12.89	92	255878	21.55 PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.44	75	182920	22.41 PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.62	83	128447	22.82 PPBV	98
50) 2-HEXANONE	13.15	43	183019	22.67 PPBV	96
51) TETRACHLOROETHYLENE	14.01	164	223079	21.23 PPBV	92
52) DIBROMOCHLOROMETHANE	13.32	129	354842	22.97 PPBV	100
53) 1,2-DIBROMOETHANE	13.57	107	249679	22.66 PPBV	99
54) CHLOROBENZENE	14.72	112	364936	22.62 PPBV	98
55) ETHYLBENZENE	15.09	91	587132	22.43 PPBV	99
56) m,p-XYLENE	15.28	106	469434	43.76 PPBV	96
57) o-XYLENE	15.78	106	239540	21.57 PPBV	98
58) STYRENE	15.67	104	353082	22.09 PPBV	99
59) NONANE	15.97	43	242061	22.15 PPBV	95
60) BROMOFORM	15.40	173	367516	22.15 PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	332166	22.03 PPBV	99
63) ISOPROPYLBENZENE	16.43	105	714006	21.78 PPBV	99
64) 2-CHLOROTOLUENE	16.98	91	498468	21.83 PPBV	97
65) 4-ETHYLTOLUENE	17.17	105	605741	21.02 PPBV	77
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	585194	21.34 PPBV	100
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	555235	21.12 PPBV	97
68) m-DICHLOROBENZENE	17.91	146	389219	20.31 PPBV	97
69) BENZYL CHLORIDE	17.89	91	353666	20.07 PPBV	97
70) p-DICHLOROBENZENE	17.98	146	374029	20.36 PPBV	96
71) o-DICHLOROBENZENE	18.37	146	350062	20.46 PPBV	98
72) HEXACHLOROBUTADIENE	20.77	225	191684	19.61 PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	137574	20.47 PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10137.D
Acq On : 26 Apr 2007 12:53 pm
Operator : danat
Sample : IC525-20 (M132)
Misc : MS13434, MSJ525,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 26 13:20:00 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 26 13:01:03 2007
Response via : Initial Calibration



ACCUTEST Laboratories
M64245

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
05/01/07 15:13

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10138.D
Acq On : 26 Apr 2007 1:46 pm
Operator : danat
Sample : ICC525-10 (M132)
Misc : MS13434, MSJ525,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 26 14:21:04 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 26 13:01:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.60	128	80028	10.00	PPBV	-0.03
35) 1,4-DIFLUOROBENZENE	10.42	114	351947	10.00	PPBV	-0.03
49) CHLOROBENZENE-D5	14.66	117	300097	10.00	PPBV	-0.02
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.29	95	93585	4.44	PPBV	-0.02
Spiked Amount 5.000	Range 51 - 142		Recovery = 88.80%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	316001	16.17	PPBV	99
3) PROPYLENE	3.99	41	44423	15.93	PPBV	94
4) FREON 114	4.31	85	248143	15.09	PPBV	98
5) CHLOROMETHANE	4.22	50	59184	15.95	PPBV	98
6) VINYL CHLORIDE	4.43	62	71945	15.39	PPBV	99
7) 1,3-BUTADIENE	4.57	39	49090	14.49	PPBV	95
8) BROMOMETHANE	4.84	94	81553	14.97	PPBV	100
9) CHLOROETHANE	5.00	64	32238	14.89	PPBV	97
10) TRICHLOROFLUOROMETHANE	5.77	101	299178	15.06	PPBV	100
11) ISOPROPYL ALCOHOL	5.88	45	78894	13.53	PPBV	86
12) ACETONE	5.62	43	73013	13.51	PPBV	99
13) PENTANE	6.11	42	54278	14.77	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.40	96	74529	14.57	PPBV	97
15) CARBON DISULFIDE	6.82	76	210614	15.29	PPBV	100
16) ETHANOL	5.15	45	12258	13.64	PPBV #	60
17) BROMOETHENE	5.36	106	80912	14.57	PPBV	100
18) METHYLENE CHLORIDE	6.52	84	65142	14.27	PPBV	95
19) 3-CHLOROPROPENE	6.63	39	56329	13.00	PPBV	96
20) FREON 113	6.77	151	153865	13.89	PPBV	94
21) TRANS-1,2-DICHLOROETHYLENE	7.43	96	73691	14.03	PPBV	98
22) TERTIARY BUTYL ALCOHOL	6.48	59	114919	12.99	PPBV	87
23) METHYL TERTIARY BUTYL ETHE	7.70	73	151156	13.04	PPBV	98
24) TETRAHYDROFURAN	9.15	42	40629	12.62	PPBV	89
25) HEXANE	8.60	57	73724	13.13	PPBV	95
26) VINYL ACETATE	7.77	43	89170	12.12	PPBV	97
27) 1,1-DICHLOROETHANE	7.63	63	116768	13.17	PPBV	100
28) METHYL ETHYL KETONE	8.04	43	79736	13.40	PPBV	99
29) cis-1,2-DICHLOROETHYLENE	8.43	96	70220	12.78	PPBV	99
30) ETHYL ACETATE	8.66	43	85241	13.07	PPBV #	100
31) CHLOROFORM	8.72	83	172037	13.26	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.66	97	207629	13.28	PPBV	99
33) CARBON TETRACHLORIDE	10.24	117	258481	13.71	PPBV	100
34) 1,2-DICHLOROETHANE	9.43	62	98931	12.62	PPBV	99
36) BENZENE	10.10	78	157226	10.85	PPBV	99
37) CYCLOHEXANE	10.35	84	80975	12.49	PPBV	93
38) TRICHLOROETHYLENE	11.10	95	88434	10.92	PPBV	99
39) 1,2-DICHLOROPROPANE	10.88	63	51421	10.62	PPBV	95
40) BROMODICHLOROMETHANE	11.07	83	155830	11.19	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.10	57	268608	11.49	PPBV	99
42) 1,4-DIOXANE	11.14	88	30294	11.49	PPBV	93
43) HEPTANE	11.34	43	76207	10.97	PPBV	94

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10138.D
Acq On : 26 Apr 2007 1:46 pm
Operator : danat
Sample : ICC525-10 (M132)
Misc : MS13434, MSJ525,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 26 14:21:04 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 26 13:01:03 2007
Response via : Initial Calibration

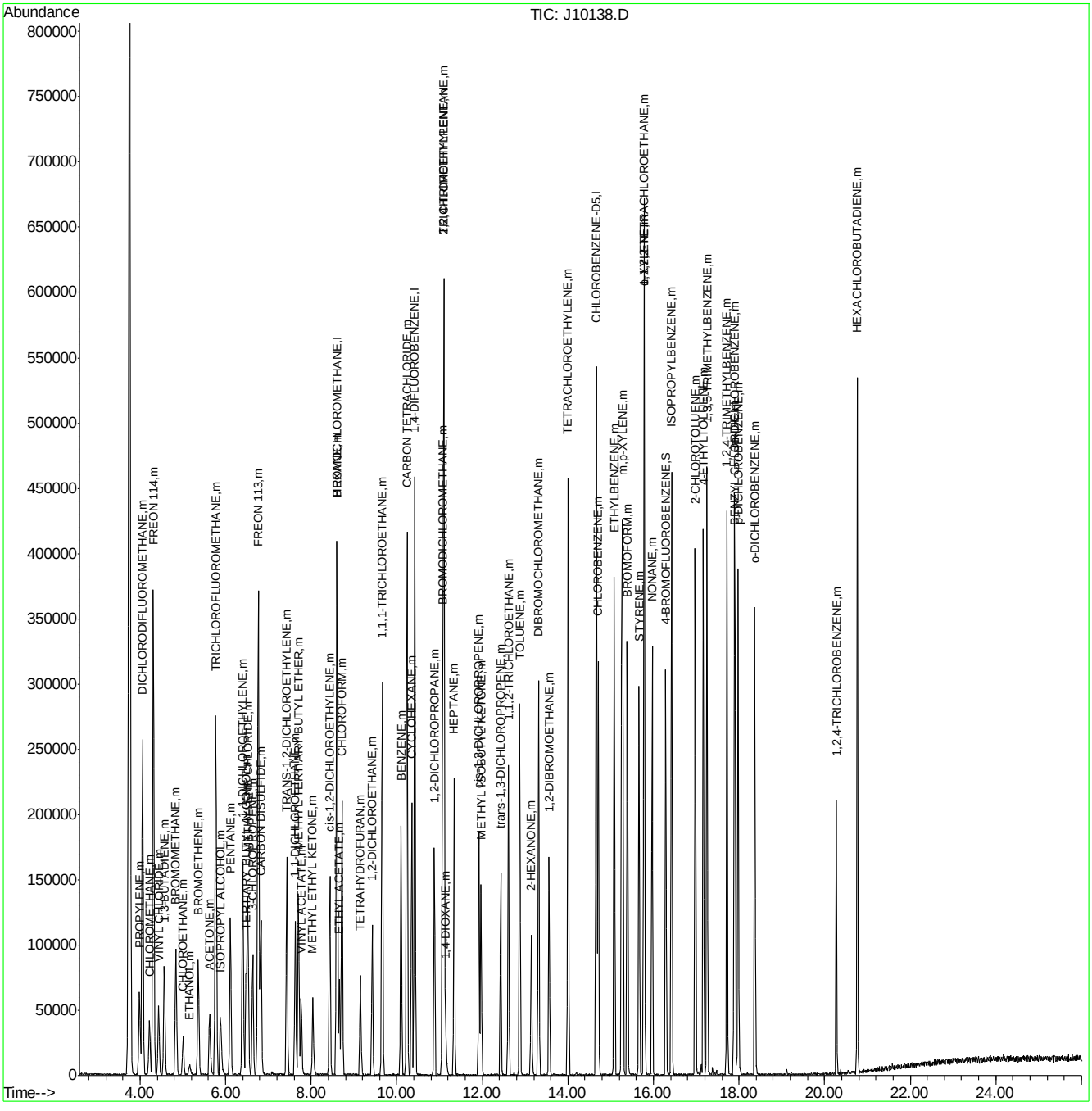
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.97	43	94234	10.94	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.92	75	92648	11.23	PPBV	97
46) TOLUENE	12.87	92	114035	10.48	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.43	75	80464	10.76	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.61	83	57678	11.19	PPBV	97
50) 2-HEXANONE	13.14	43	75149	10.40	PPBV	98
51) TETRACHLOROETHYLENE	14.00	164	97981	10.42	PPBV	93
52) DIBROMOCHLOROMETHANE	13.31	129	160791	11.63	PPBV	100
53) 1,2-DIBROMOETHANE	13.56	107	110490	11.20	PPBV	99
54) CHLOROBENZENE	14.71	112	164497	11.39	PPBV	99
55) ETHYLBENZENE	15.09	91	259445	11.07	PPBV	99
56) m,p-XYLENE	15.27	106	204564m	21.30	PPBV	
57) o-XYLENE	15.78	106	103660	10.43	PPBV	96
58) STYRENE	15.66	104	145461	10.17	PPBV	99
59) NONANE	15.97	43	104644	10.70	PPBV	95
60) BROMOFORM	15.39	173	162084	10.91	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	140861	10.44	PPBV	99
63) ISOPROPYLBENZENE	16.42	105	309415	10.54	PPBV	100
64) 2-CHLOROTOLUENE	16.98	91	208870	10.22	PPBV	97
65) 4-ETHYLTOLUENE	17.16	105	248845	9.65	PPBV	77
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	240924	9.82	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	224327	9.53	PPBV	98
68) m-DICHLOROBENZENE	17.90	146	160739	9.37	PPBV	97
69) BENZYL CHLORIDE	17.88	91	143246	9.08	PPBV	98
70) p-DICHLOROBENZENE	17.98	146	154961	9.42	PPBV	99
71) o-DICHLOROBENZENE	18.37	146	139830	9.13	PPBV	97
72) HEXACHLOROBUTADIENE	20.76	225	84213	9.63	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	55951	9.30	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10138.D
Acq On : 26 Apr 2007 1:46 pm
Operator : danat
Sample : ICC525-10 (M132)
Misc : MS13434, MSJ525,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 26 14:21:04 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 26 13:01:03 2007
Response via : Initial Calibration



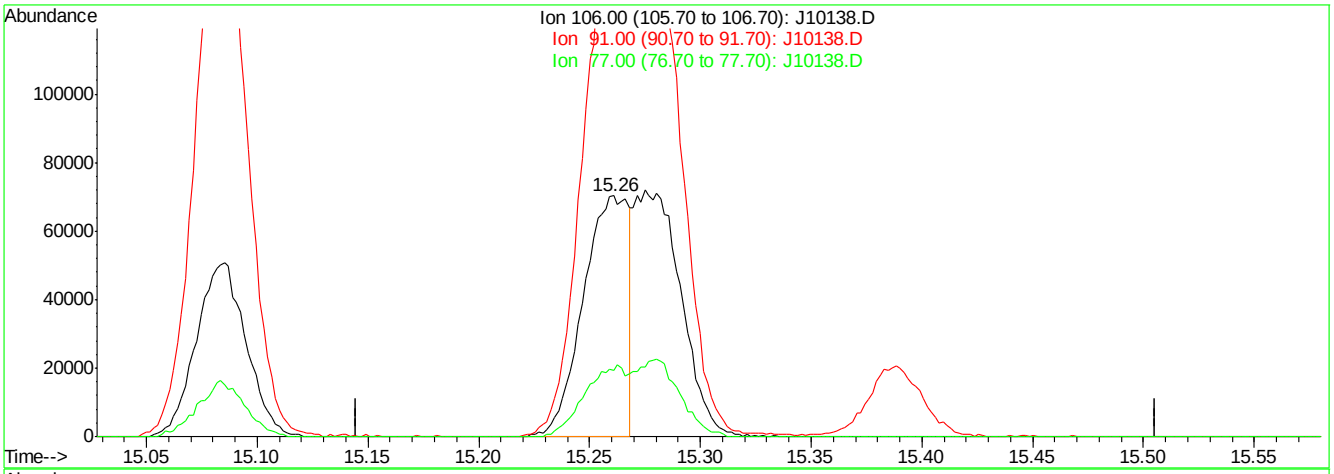
ACCUTEST Laboratories
M64245

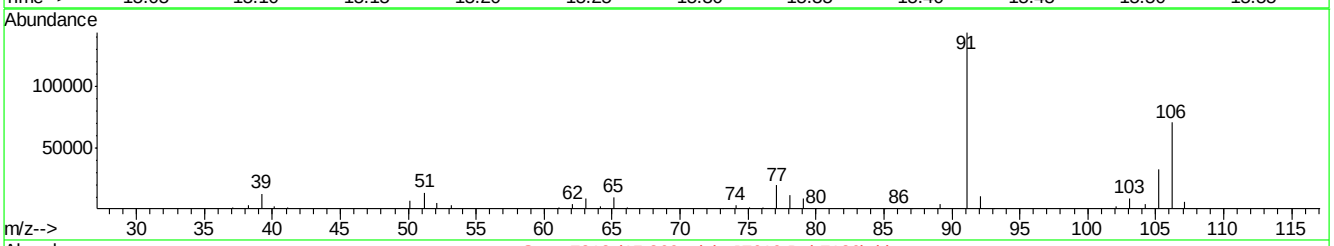
Quantitation Report (Qedit)

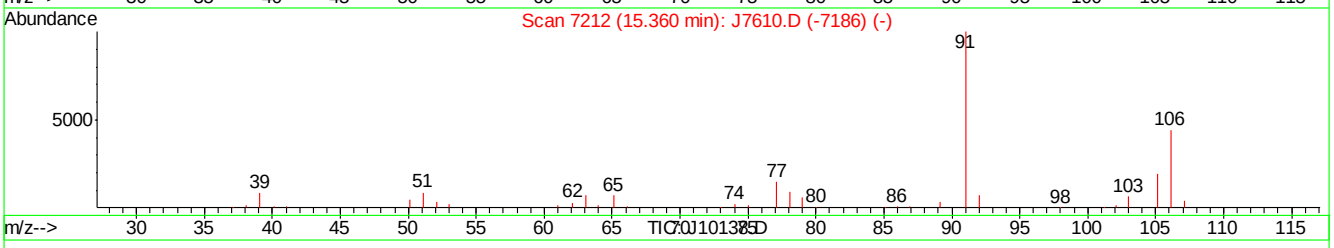
Data File : C:\MSDCHEM\1\DATA\J10138.D Vial: 4
Acq On : 26 Apr 2007 1:46 pm Operator: danat
Sample : ICC525-10 (M132) Inst : MSJ
Misc : MS13434, MSJ525,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 26 14:13:20 2007 Results File: J042607T.RES

Method : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 26 14:18:49 2007
Response via : Multiple Level Calibration







(56) m,p-XYLENE (m)

15.26min 10.29PPBV

response 98768

Ion	Exp%	Act%
106.00	100	100
91.00	191.80	204.14
77.00	27.10	27.58
0.00	0.00	0.00

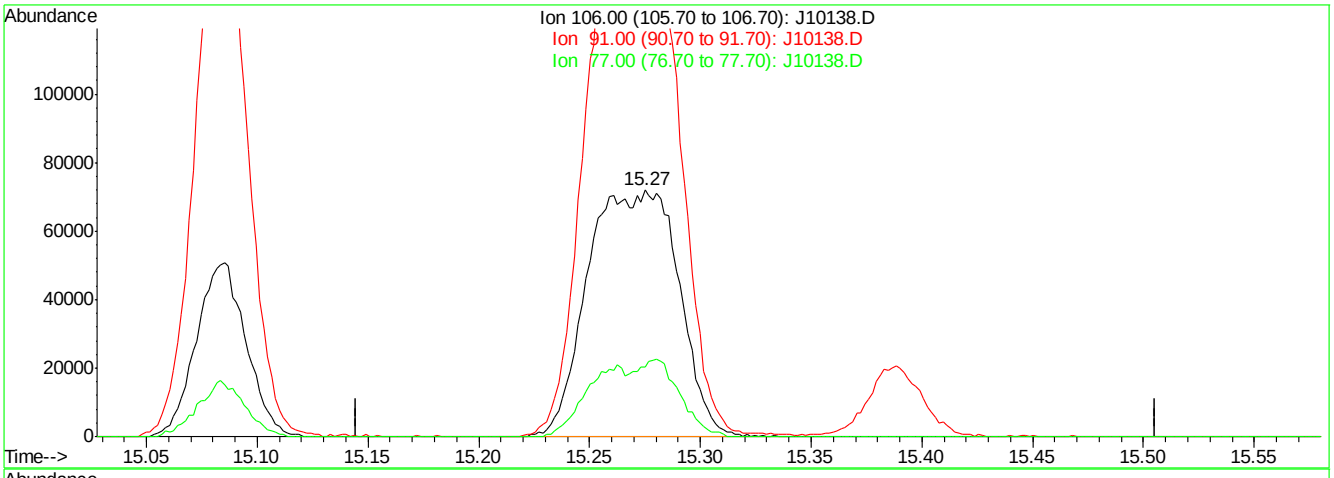
J10138.D J042607T.M Thu Apr 26 14:21:01 2007

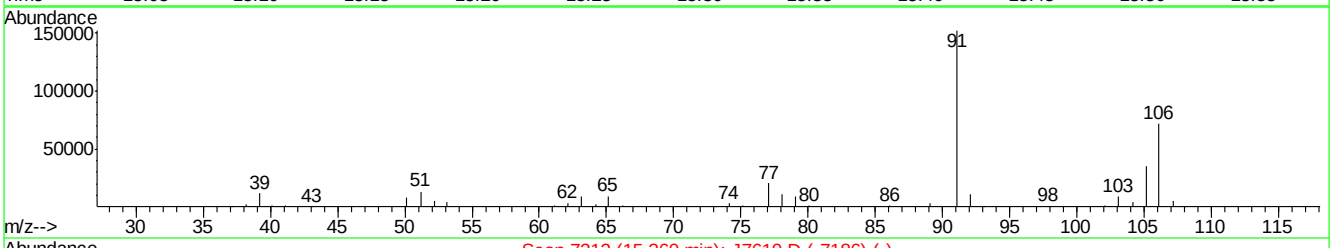
Quantitation Report (Qedit)

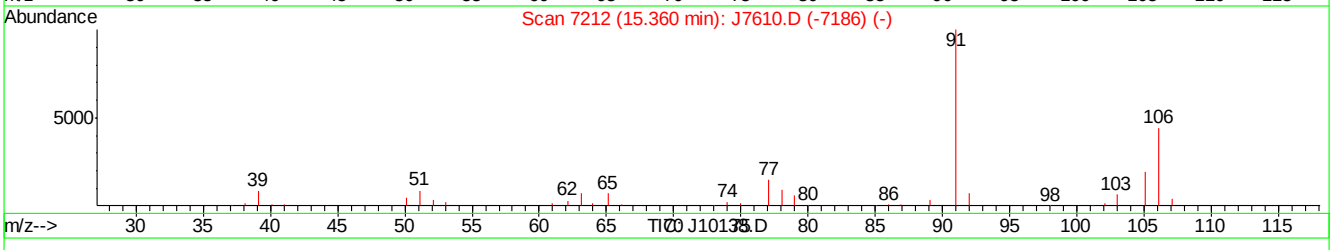
Data File : C:\MSDCHEM\1\DATA\J10138.D Vial: 4
Acq On : 26 Apr 2007 1:46 pm Operator: danat
Sample : ICC525-10 (M132) Inst : MSJ
Misc : MS13434, MSJ525,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 26 14:13:20 2007 Results File: J042607T.RES

Method : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 26 14:18:49 2007
Response via : Multiple Level Calibration







(56) m,p-XYLENE (m)

15.27min 21.30PPBV m

response 204564

Ion	Exp%	Act%
106.00	100	100
91.00	191.80	211.56
77.00	27.10	28.35
0.00	0.00	0.00

J10138.D J042607T.M Thu Apr 26 14:21:07 2007

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
05/01/07 15:13

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10139.D
Acq On : 26 Apr 2007 2:44 pm
Operator : danat
Sample : IC525-5 (M132)
Misc : MS13434, MSJ525,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 26 15:12:03 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 26 14:21:52 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.59	128	81232	10.00	PPBV	-0.01
35) 1,4-DIFLUOROBENZENE	10.41	114	354952	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.66	117	294474	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	87323	4.45	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 89.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	161220	6.00	PPBV	100
3) PROPYLENE	3.98	41	21714	5.64	PPBV	95
4) FREON 114	4.31	85	123100	5.67	PPBV	100
5) CHLOROMETHANE	4.22	50	28365	5.59	PPBV	91
6) VINYL CHLORIDE	4.43	62	34742	5.54	PPBV	97
7) 1,3-BUTADIENE	4.57	39	24319	5.50	PPBV	99
8) BROMOMETHANE	4.84	94	40309	5.59	PPBV	98
9) CHLOROETHANE	5.01	64	15351	5.33	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.77	101	150552	5.76	PPBV	99
11) ISOPROPYL ALCOHOL	5.87	45	36675	5.03	PPBV	95
12) ACETONE	5.62	43	36066	5.36	PPBV	100
13) PENTANE	6.11	42	26290	5.45	PPBV	96
14) 1,1-DICHLOROETHYLENE	6.39	96	35977	5.36	PPBV	99
15) CARBON DISULFIDE	6.82	76	102111	5.56	PPBV	98
16) ETHANOL	5.16	45	5084	4.55	PPBV #	90
17) BROMOETHENE	5.36	106	38373	5.30	PPBV	98
18) METHYLENE CHLORIDE	6.51	84	31579	5.32	PPBV	99
19) 3-CHLOROPROPENE	6.62	39	25403	4.77	PPBV	99
20) FREON 113	6.75	151	75276	5.35	PPBV	100
21) TRANS-1,2-DICHLOROETHYLENE	7.42	96	34377	5.11	PPBV	98
22) TERTIARY BUTYL ALCOHOL	6.48	59	53592	4.98	PPBV	79
23) METHYL TERTIARY BUTYL ETHE	7.69	73	73287	5.20	PPBV	99
24) TETRAHYDROFURAN	9.14	42	18688	4.81	PPBV	99
25) HEXANE	8.60	57	37416	5.45	PPBV	98
26) VINYL ACETATE	7.76	43	44044	5.12	PPBV	88
27) 1,1-DICHLOROETHANE	7.62	63	55751	5.08	PPBV	100
28) METHYL ETHYL KETONE	8.03	43	37457	5.09	PPBV	97
29) cis-1,2-DICHLOROETHYLENE	8.43	96	32497	4.89	PPBV	99
30) ETHYL ACETATE	8.65	43	39755	5.00	PPBV #	91
31) CHLOROFORM	8.71	83	82862	5.19	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.65	97	98310	5.07	PPBV	98
33) CARBON TETRACHLORIDE	10.23	117	129675	5.48	PPBV	100
34) 1,2-DICHLOROETHANE	9.42	62	47917	5.13	PPBV	98
36) BENZENE	10.09	78	74217	4.68	PPBV	99
37) CYCLOHEXANE	10.34	84	37779	4.93	PPBV	98
38) TRICHLOROETHYLENE	11.09	95	42162	4.86	PPBV	99
39) 1,2-DICHLOROPROPANE	10.87	63	24892	4.83	PPBV	98
40) BROMODICHLOROMETHANE	11.06	83	77147	5.06	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.09	57	120555	4.54	PPBV	99
42) 1,4-DIOXANE	11.15	88	10657	3.60	PPBV	93
43) HEPTANE	11.33	43	35560	4.71	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10139.D
Acq On : 26 Apr 2007 2:44 pm
Operator : danat
Sample : IC525-5 (M132)
Misc : MS13434, MSJ525,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 26 15:12:03 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 26 14:21:52 2007
Response via : Initial Calibration

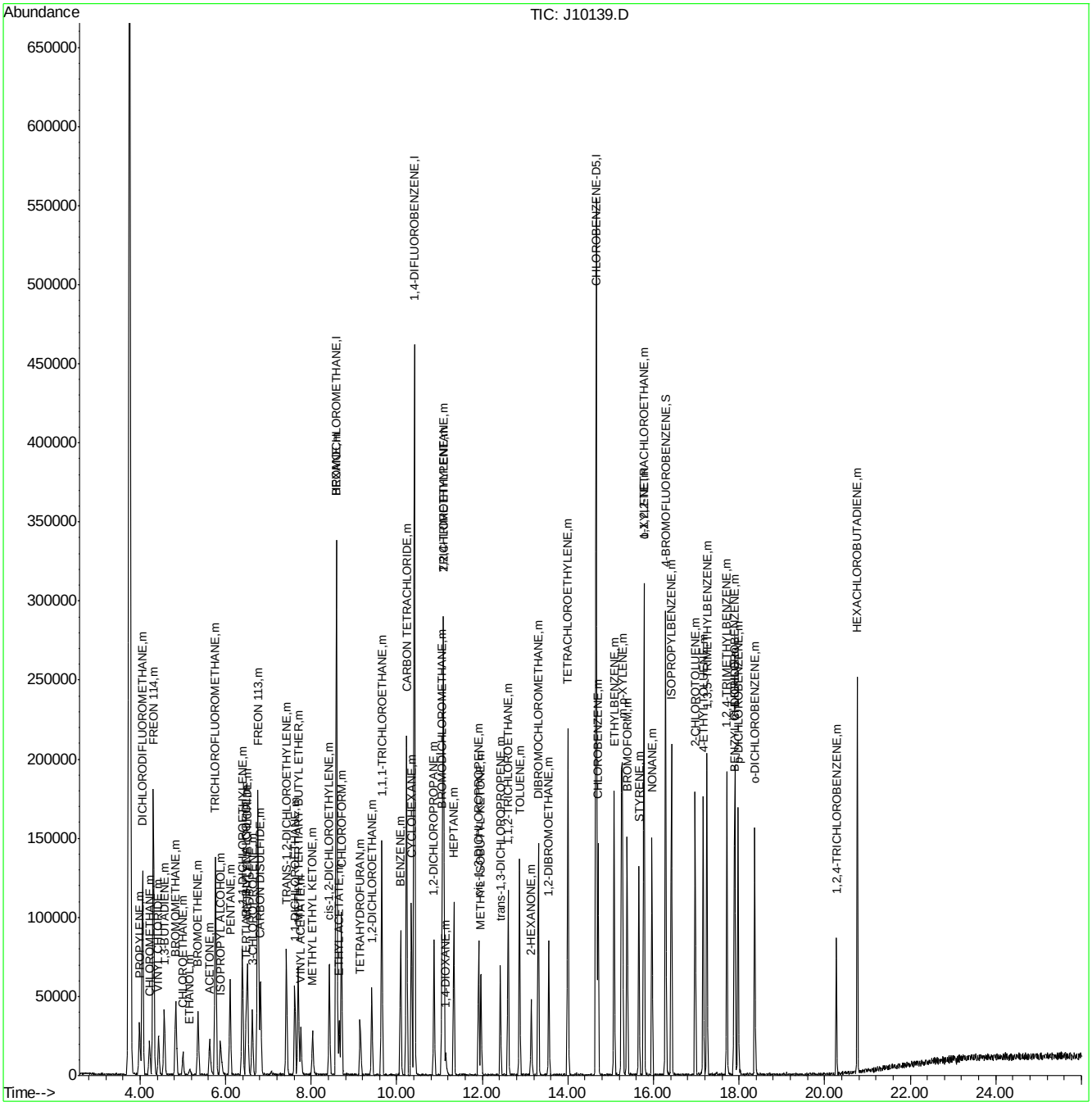
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.96	43	40987	4.34	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.91	75	41524	4.58	PPBV	98
46) TOLUENE	12.87	92	53131	4.65	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.42	75	35093	4.37	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.61	83	26926	4.77	PPBV	99
50) 2-HEXANONE	13.14	43	32630	4.35	PPBV	97
51) TETRACHLOROETHYLENE	14.00	164	46343	4.85	PPBV	99
52) DIBROMOCHLOROMETHANE	13.31	129	75992	5.07	PPBV	99
53) 1,2-DIBROMOETHANE	13.55	107	50585	4.82	PPBV	99
54) CHLOROBENZENE	14.70	112	76496	4.95	PPBV	100
55) ETHYLBENZENE	15.08	91	118856	4.80	PPBV	99
56) m,p-XYLENE	15.28	106	94563m	9.53	PPBV	
57) o-XYLENE	15.77	106	45731	4.51	PPBV	97
58) STYRENE	15.66	104	59804	4.09	PPBV	99
59) NONANE	15.97	43	45676	4.49	PPBV	97
60) BROMOFORM	15.38	173	73396	4.72	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.78	83	62150	4.48	PPBV	100
63) ISOPROPYLBENZENE	16.42	105	138472	4.59	PPBV	99
64) 2-CHLOROTOLUENE	16.97	91	91590	4.40	PPBV	99
65) 4-ETHYLTOLUENE	17.16	105	105069	4.13	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	106229	4.34	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.71	105	96061	4.15	PPBV	99
68) m-DICHLOROBENZENE	17.90	146	69422	4.19	PPBV	98
69) BENZYL CHLORIDE	17.88	91	58018	3.86	PPBV	99
70) p-DICHLOROBENZENE	17.98	146	63055	3.96	PPBV	97
71) o-DICHLOROBENZENE	18.36	146	60018	4.08	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	40621	4.82	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.27	180	23145	3.98	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10139.D
Acq On : 26 Apr 2007 2:44 pm
Operator : danat
Sample : IC525-5 (M132)
Misc : MS13434, MSJ525,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 26 15:12:03 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 26 14:21:52 2007
Response via : Initial Calibration



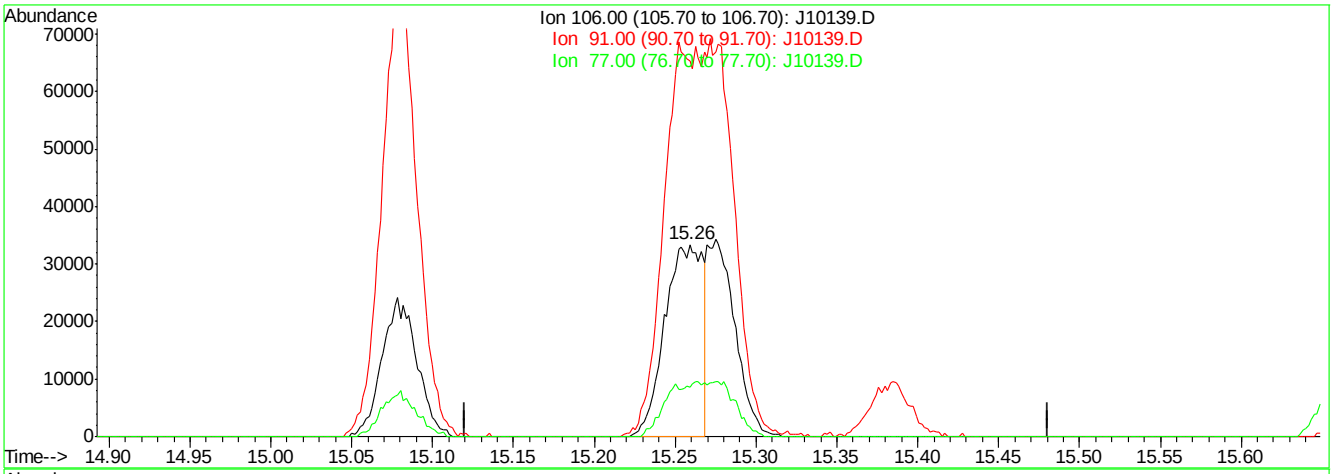
ACCUTEST Laboratories M64245

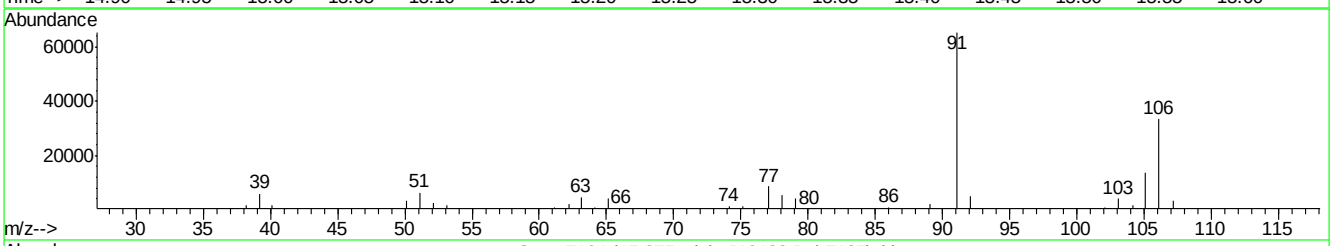
Quantitation Report (Qedit)

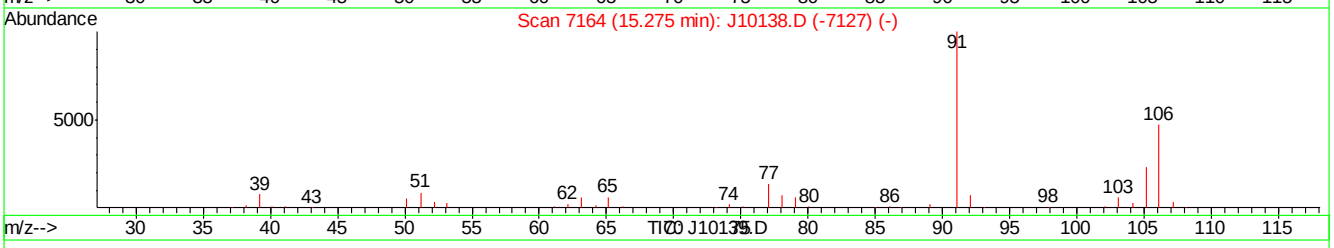
Data File : C:\MSDCHEM\1\DATA\J10139.D Vial: 4
Acq On : 26 Apr 2007 2:44 pm Operator: danat
Sample : IC525-5 (M132) Inst : MSJ
Misc : MS13434, MSJ525,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 26 15:10:41 2007 Results File: J042607T.RES

Method : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 26 14:21:52 2007
Response via : Multiple Level Calibration







(56) m,p-XYLENE (m)

15.26min 5.39PPBV

response 53446

Ion	Exp%	Act%
106.00	100	100
91.00	211.60	195.71
77.00	28.30	25.72
0.00	0.00	0.00

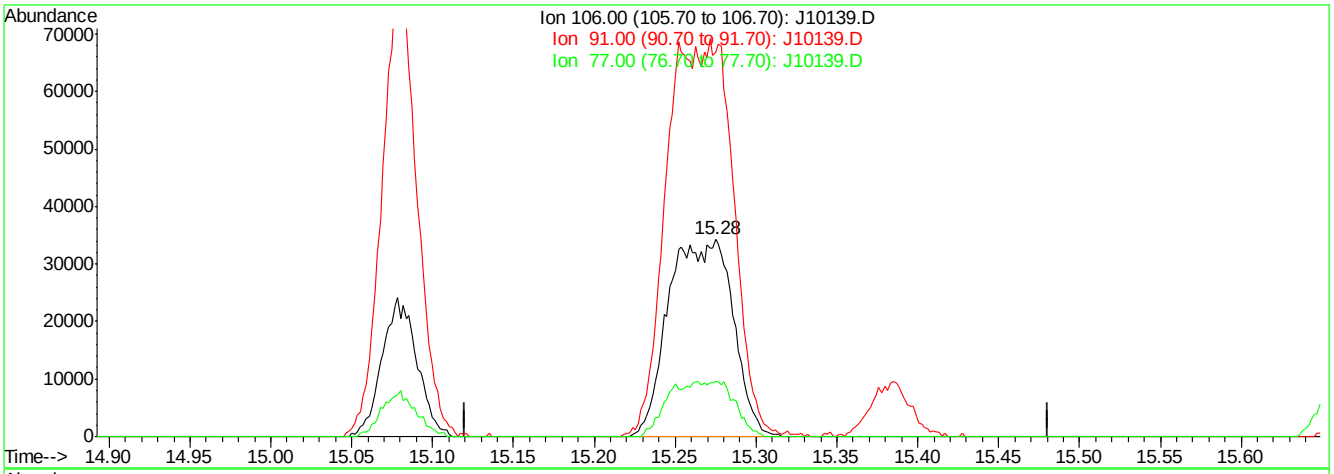
J10139.D J042607T.M Thu Apr 26 15:11:58 2007

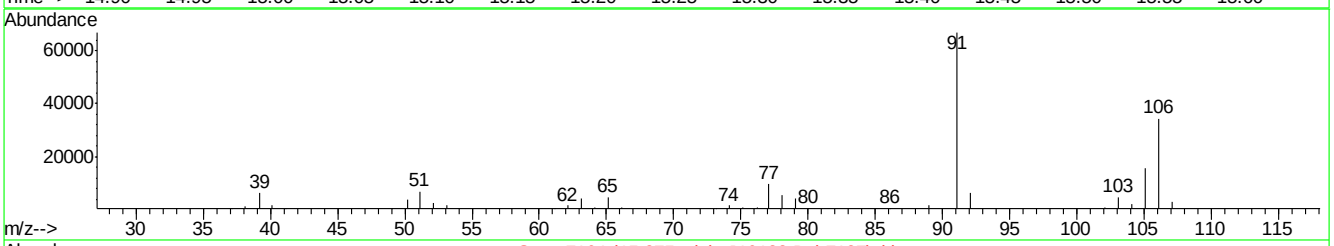
Quantitation Report (Qedit)

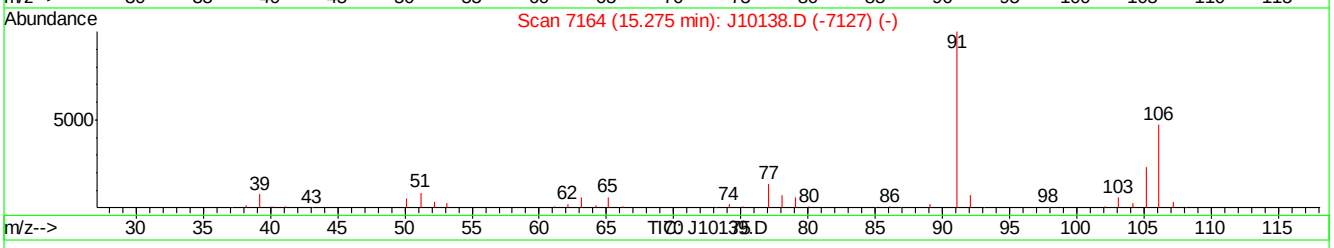
Data File : C:\MSDCHEM\1\DATA\J10139.D Vial: 4
Acq On : 26 Apr 2007 2:44 pm Operator: danat
Sample : IC525-5 (M132) Inst : MSJ
Misc : MS13434, MSJ525,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 26 15:10:41 2007 Results File: J042607T.RES

Method : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Apr 26 14:21:52 2007
Response via : Multiple Level Calibration







(56) m,p-XYLENE (m)

15.28min 9.53PPBV m

response 94563

Ion	Exp%	Act%
106.00	100	100
91.00	211.60	194.23
77.00	28.30	27.87
0.00	0.00	0.00

J10139.D J042607T.M Thu Apr 26 15:12:08 2007

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10140.D
Acq On : 26 Apr 2007 3:47 pm
Operator : danat
Sample : IC525-2 (M161)
Misc : MS13434, MSJ525,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 26 16:15:07 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 26 15:13:12 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.58	128	72125	10.00	PPBV	-0.02
35) 1,4-DIFLUOROBENZENE	10.40	114	296310	10.00	PPBV	-0.02
49) CHLOROBENZENE-D5	14.65	117	258739	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	83419	4.98	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 99.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.05	85	61718	2.46	PPBV	99
3) PROPYLENE	3.98	41	8422	2.39	PPBV	90
4) FREON 114	4.31	85	50502	2.54	PPBV	99
5) CHLOROMETHANE	4.22	50	11129	2.40	PPBV	92
6) VINYL CHLORIDE	4.43	62	13476	2.36	PPBV	96
7) 1,3-BUTADIENE	4.56	39	9281	2.31	PPBV	98
8) BROMOMETHANE	4.83	94	16087	2.44	PPBV	98
9) CHLOROETHANE	4.99	64	6447	2.48	PPBV #	74
10) TRICHLOROFLUOROMETHANE	5.76	101	64293	2.67	PPBV	100
11) ISOPROPYL ALCOHOL	5.87	45	19077	2.94	PPBV	91
12) ACETONE	5.61	43	19698	3.24	PPBV	94
13) PENTANE	6.09	42	11191	2.56	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.39	96	14162	2.33	PPBV	94
15) CARBON DISULFIDE	6.81	76	41875	2.50	PPBV	96
16) ETHANOL	5.15	45	3063	3.16	PPBV #	79
17) BROMOETHENE	5.35	106	15364	2.35	PPBV	99
18) METHYLENE CHLORIDE	6.50	84	21145	3.95	PPBV	98
19) 3-CHLOROPROPENE	6.62	39	11879	2.54	PPBV	94
20) FREON 113	6.74	151	34585	2.72	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.41	96	15357	2.56	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.47	59	24465	2.56	PPBV	91
23) METHYL TERTIARY BUTYL ETHE	7.69	73	32989	2.61	PPBV	99
24) TETRAHYDROFURAN	9.14	42	8329	2.44	PPBV	94
25) HEXANE	8.59	57	20945	3.36	PPBV	97
26) VINYL ACETATE	7.75	43	19709	2.56	PPBV	94
27) 1,1-DICHLOROETHANE	7.61	63	25394	2.60	PPBV	99
28) METHYL ETHYL KETONE	8.03	43	19177	2.92	PPBV	99
29) cis-1,2-DICHLOROETHYLENE	8.41	96	14378	2.45	PPBV	97
30) ETHYL ACETATE	8.64	43	19562	2.77	PPBV #	93
31) CHLOROFORM	8.70	83	38779	2.71	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.64	97	46429	2.69	PPBV	97
33) CARBON TETRACHLORIDE	10.22	117	57678	2.68	PPBV	97
34) 1,2-DICHLOROETHANE	9.40	62	22915	2.75	PPBV	99
36) BENZENE	10.08	78	34284	2.63	PPBV	99
37) CYCLOHEXANE	10.33	84	15309	2.40	PPBV	100
38) TRICHLOROETHYLENE	11.08	95	18814	2.62	PPBV	98
39) 1,2-DICHLOROPROPANE	10.87	63	11525	2.70	PPBV	98
40) BROMODICHLOROMETHANE	11.05	83	35762	2.80	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.09	57	52769	2.44	PPBV	99
42) 1,4-DIOXANE	11.15	88	6789	2.95	PPBV	88
43) HEPTANE	11.33	43	14993	2.42	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10140.D
Acq On : 26 Apr 2007 3:47 pm
Operator : danat
Sample : IC525-2 (M161)
Misc : MS13434, MSJ525,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 26 16:15:07 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 26 15:13:12 2007
Response via : Initial Calibration

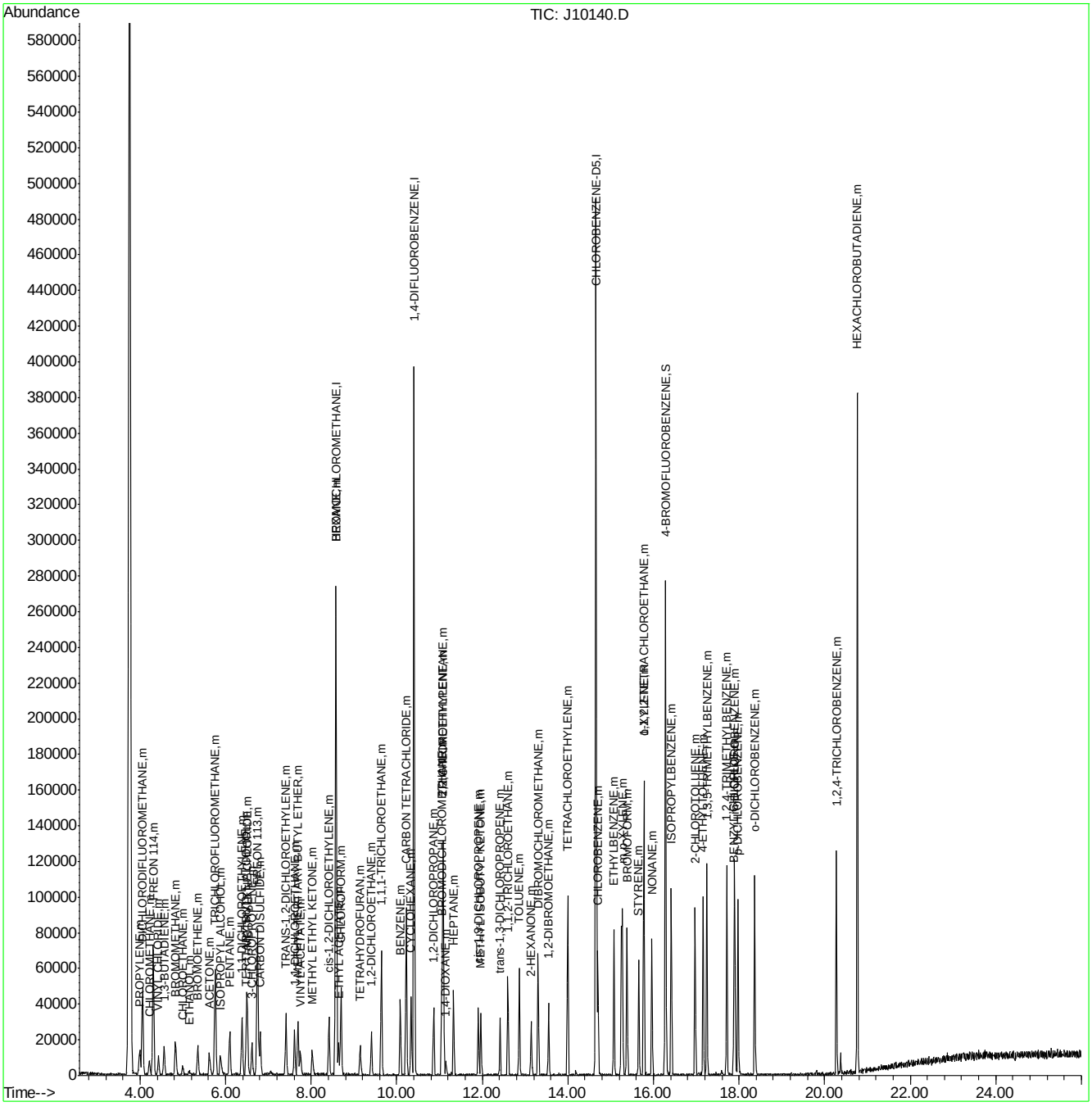
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.96	43	22160	2.91	PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.91	75	18565	2.51	PPBV	98
46) TOLUENE	12.86	92	23276	2.48	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.41	75	15689	2.42	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.60	83	12643	2.71	PPBV	97
50) 2-HEXANONE	13.14	43	20760	3.26	PPBV	97
51) TETRACHLOROETHYLENE	13.99	164	21964	2.64	PPBV	96
52) DIBROMOCHLOROMETHANE	13.31	129	36153	2.74	PPBV	100
53) 1,2-DIBROMOETHANE	13.55	107	25148	2.75	PPBV	99
54) CHLOROBENZENE	14.70	112	36068	2.66	PPBV	99
55) ETHYLBENZENE	15.07	91	53484	2.48	PPBV	100
56) m,p-XYLENE	15.27	106	43661	5.07	PPBV	89
57) o-XYLENE	15.78	106	21701	2.50	PPBV	100
58) STYRENE	15.66	104	29428	2.40	PPBV	99
59) NONANE	15.96	43	23058	2.65	PPBV	99
60) BROMOFORM	15.38	173	39330	2.92	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.78	83	38225	3.22	PPBV	98
63) ISOPROPYLBENZENE	16.42	105	66866	2.58	PPBV	98
64) 2-CHLOROTOLUENE	16.97	91	47991	2.71	PPBV	99
65) 4-ETHYLTOLUENE	17.16	105	57232	2.68	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	60587	2.91	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.71	105	56424	2.90	PPBV	99
68) m-DICHLOROBENZENE	17.90	146	43430	3.11	PPBV	100
69) BENZYL CHLORIDE	17.88	91	38086	3.06	PPBV	98
70) p-DICHLOROBENZENE	17.97	146	40832	3.08	PPBV	99
71) o-DICHLOROBENZENE	18.36	146	41724	3.38	PPBV	100
72) HEXACHLOROBUTADIENE	20.76	225	62818	8.56	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.27	180	33620	6.94	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10140.D
Acq On : 26 Apr 2007 3:47 pm
Operator : danat
Sample : IC525-2 (M161)
Misc : MS13434, MSJ525,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 26 16:15:07 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 26 15:13:12 2007
Response via : Initial Calibration



ACCUTEST Laboratories M64245

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
05/01/07 15:13

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10141.D
Acq On : 26 Apr 2007 4:42 pm
Operator : danat
Sample : IC525-0.5 (M161)
Misc : MS13434, MSJ525,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 27 08:10:03 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 26 16:18:29 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.58	128	72731	10.00	PPBV	-0.02
35) 1,4-DIFLUOROBENZENE	10.40	114	309052	10.00	PPBV	-0.01
49) CHLOROBENZENE-D5	14.65	117	257665	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	73727	4.42	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 88.40%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.05	85	14683	0.56	PPBV	98
3) PROPYLENE	3.98	41	1618	0.44	PPBV #	79
4) FREON 114	4.31	85	11740	0.55	PPBV	97
5) CHLOROMETHANE	4.22	50	1326	0.27	PPBV #	44
6) VINYL CHLORIDE	4.43	62	2896	0.48	PPBV #	56
7) 1,3-BUTADIENE	4.56	39	797	0.19	PPBV #	8
8) BROMOMETHANE	4.83	94	3561	0.51	PPBV #	11
9) CHLOROETHANE	5.00	64	914m	0.33	PPBV	
10) TRICHLOROFLUOROMETHANE	5.75	101	14889	0.57	PPBV	95
11) ISOPROPYL ALCOHOL	5.91	45	3561m	0.50	PPBV	
12) ACETONE	5.64	43	4026	0.58	PPBV	71
13) PENTANE	6.09	42	2303	0.49	PPBV #	9
14) 1,1-DICHLOROETHYLENE	6.39	96	2841	0.45	PPBV #	1
15) CARBON DISULFIDE	6.81	76	9618	0.54	PPBV #	79
16) ETHANOL	5.19	45	99	0.09	PPBV #	77
17) BROMOETHENE	5.35	106	3062	0.45	PPBV #	91
18) METHYLENE CHLORIDE	6.51	84	7171	1.11	PPBV	97
19) 3-CHLOROPROPENE	6.61	39	2258	0.45	PPBV #	64
20) FREON 113	6.75	151	7464	0.54	PPBV #	77
21) TRANS-1,2-DICHLOROETHYLENE	7.42	96	3082	0.48	PPBV	98
22) TERTIARY BUTYL ALCOHOL	6.53	59	4645	0.46	PPBV	64
23) METHYL TERTIARY BUTYL ETHE	7.71	73	6553	0.48	PPBV	89
24) TETRAHYDROFURAN	9.18	42	902	0.25	PPBV #	43
25) HEXANE	8.58	57	4518	0.63	PPBV	96
26) VINYL ACETATE	7.76	43	3447	0.42	PPBV #	68
27) 1,1-DICHLOROETHANE	7.61	63	5439	0.52	PPBV	89
28) METHYL ETHYL KETONE	8.05	43	3535	0.49	PPBV	91
29) cis-1,2-DICHLOROETHYLENE	8.42	96	3033	0.49	PPBV	96
30) ETHYL ACETATE	8.65	43	3732	0.49	PPBV #	87
31) CHLOROFORM	8.70	83	8185	0.53	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.64	97	9694	0.52	PPBV	95
33) CARBON TETRACHLORIDE	10.22	117	12670	0.55	PPBV	99
34) 1,2-DICHLOROETHANE	9.41	62	4163	0.46	PPBV #	91
36) BENZENE	10.09	78	6347	0.44	PPBV	90
37) CYCLOHEXANE	10.33	84	2686	0.39	PPBV	89
38) TRICHLOROETHYLENE	11.08	95	3731	0.47	PPBV	96
39) 1,2-DICHLOROPROPANE	10.87	63	1871	0.39	PPBV #	56
40) BROMODICHLOROMETHANE	11.06	83	6949	0.48	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.09	57	9355	0.40	PPBV #	49
43) HEPTANE	11.33	43	2424	0.36	PPBV	90
44) METHYL ISOBUTYL KETONE	11.98	43	3079	0.36	PPBV #	53

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10141.D
Acq On : 26 Apr 2007 4:42 pm
Operator : danat
Sample : IC525-0.5 (M161)
Misc : MS13434, MSJ525,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 27 08:10:03 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 26 16:18:29 2007
Response via : Initial Calibration

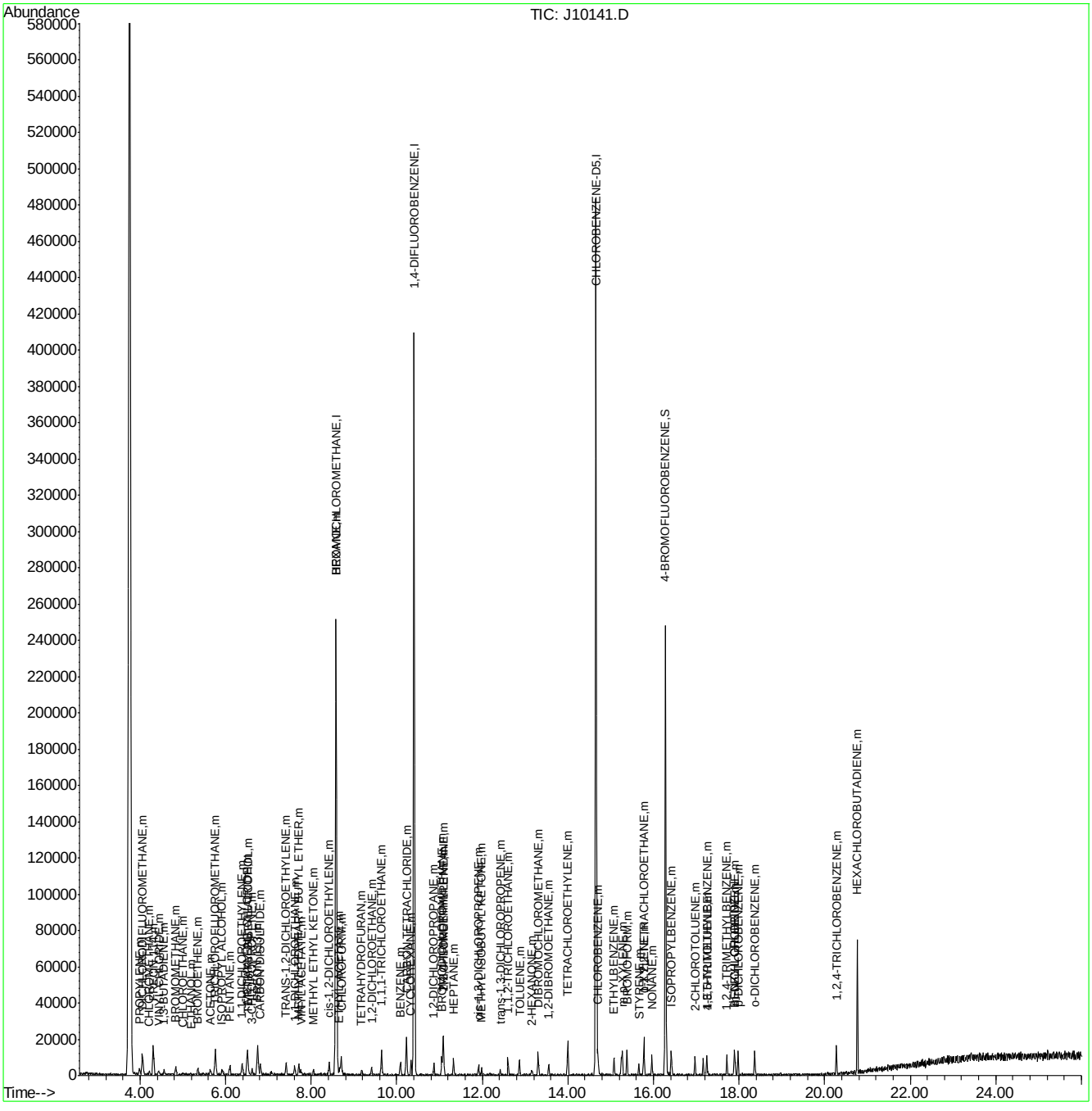
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) cis-1,3-DICHLOROPROPENE	11.91	75	2820	0.35	PPBV	90
46) TOLUENE	12.87	92	3896	0.38	PPBV	88
47) trans-1,3-DICHLOROPROPENE	12.42	75	2158	0.31	PPBV	82
48) 1,1,2-TRICHLOROETHANE	12.60	83	2262	0.43	PPBV	96
50) 2-HEXANONE	13.16	43	2506	0.35	PPBV #	75
51) TETRACHLOROETHYLENE	14.00	164	4314	0.49	PPBV	98
52) DIBROMOCHLOROMETHANE	13.30	129	6929	0.49	PPBV	99
53) 1,2-DIBROMOETHANE	13.55	107	4379	0.45	PPBV #	99
54) CHLOROBENZENE	14.70	112	6668	0.46	PPBV	96
55) ETHYLBENZENE	15.08	91	7802	0.35	PPBV	95
56) m,p-XYLENE	15.27	106	6412	0.71	PPBV #	65
57) o-XYLENE	15.77	106	2821	0.31	PPBV	87
58) STYRENE	15.66	104	3475	0.27	PPBV	94
59) NONANE	15.96	43	3001	0.33	PPBV #	74
60) BROMOFORM	15.38	173	6568	0.45	PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.78	83	6181	0.47	PPBV #	94
63) ISOPROPYLBENZENE	16.42	105	9816	0.36	PPBV	97
64) 2-CHLOROTOLUENE	16.97	91	6311	0.33	PPBV	99
65) 4-ETHYLTOLUENE	17.25	105	7575	0.33	PPBV	71
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	7575	0.34	PPBV	93
67) 1,2,4-TRIMETHYLBENZENE	17.71	105	6404	0.30	PPBV	95
68) m-DICHLOROBENZENE	17.90	146	5993	0.39	PPBV	97
69) BENZYL CHLORIDE	17.89	91	5006	0.37	PPBV	85
70) p-DICHLOROBENZENE	17.98	146	5829	0.40	PPBV	97
71) o-DICHLOROBENZENE	18.37	146	6289	0.45	PPBV	97
72) HEXACHLOROBUTADIENE	20.76	225	11531	0.95	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.27	180	5633	0.78	PPBV	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10141.D
Acq On : 26 Apr 2007 4:42 pm
Operator : danat
Sample : IC525-0.5 (M161)
Misc : MS13434, MSJ525,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 27 08:10:03 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Apr 26 16:18:29 2007
Response via : Initial Calibration

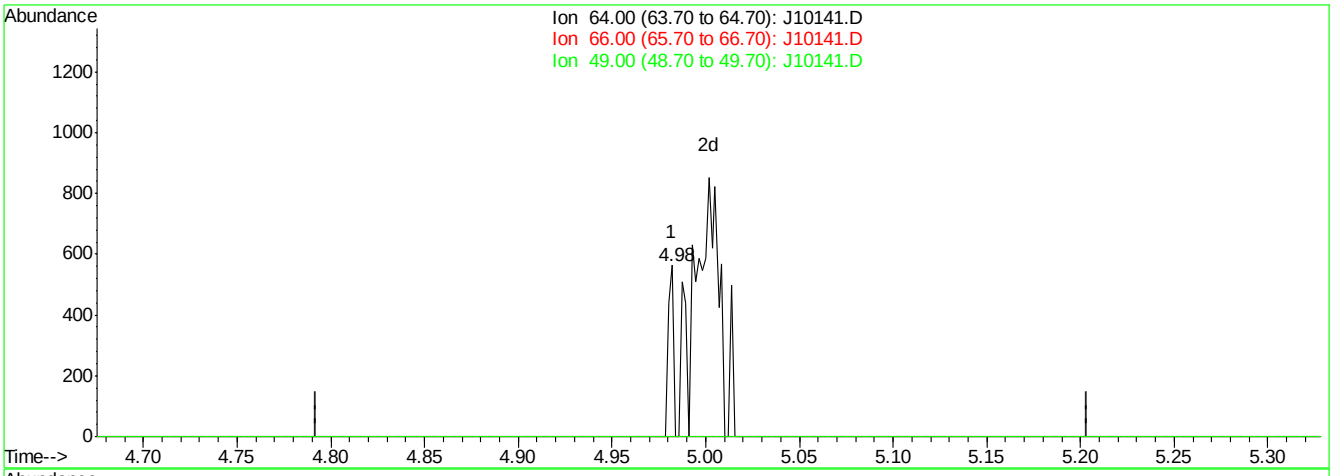


Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10141.D Vial: 3
Acq On : 26 Apr 2007 4:42 pm Operator: danat
Sample : IC525-0.5 (M161) Inst : MSJ
Misc : MS13434, MSJ525,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 27 08:05:11 2007 Results File: J042607T.RES

Method : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Apr 27 08:09:16 2007
Response via : Multiple Level Calibration



(9) CHLOROETHANE (m)

4.98min 0.04PPBV

response 107

Ion	Exp%	Act%
64.00	100	100
66.00	31.90	0.00#
49.00	29.80	0.00#
0.00	0.00	0.00

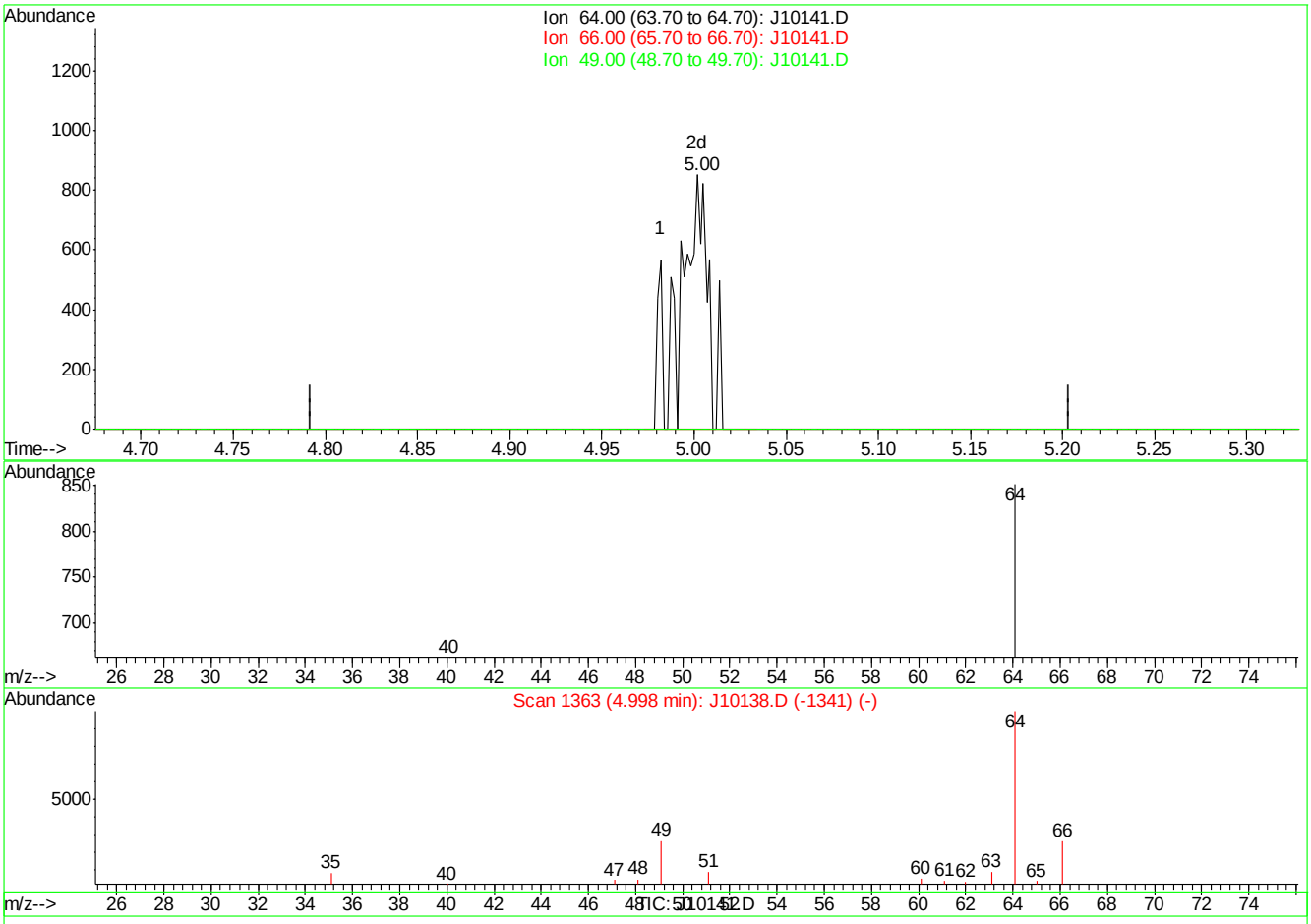
J10141.D J042607T.M Fri Apr 27 08:09:40 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10141.D Vial: 3
Acq On : 26 Apr 2007 4:42 pm Operator: danat
Sample : IC525-0.5 (M161) Inst : MSJ
Misc : MS13434, MSJ525,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 27 08:05:11 2007 Results File: J042607T.RES

Method : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Apr 27 08:09:16 2007
Response via : Multiple Level Calibration



(9) CHLOROETHANE (m)

5.00min 0.33PPBV m

response 914

Ion	Exp%	Act%
64.00	100	100
66.00	31.90	0.00#
49.00	29.80	0.00#
0.00	0.00	0.00

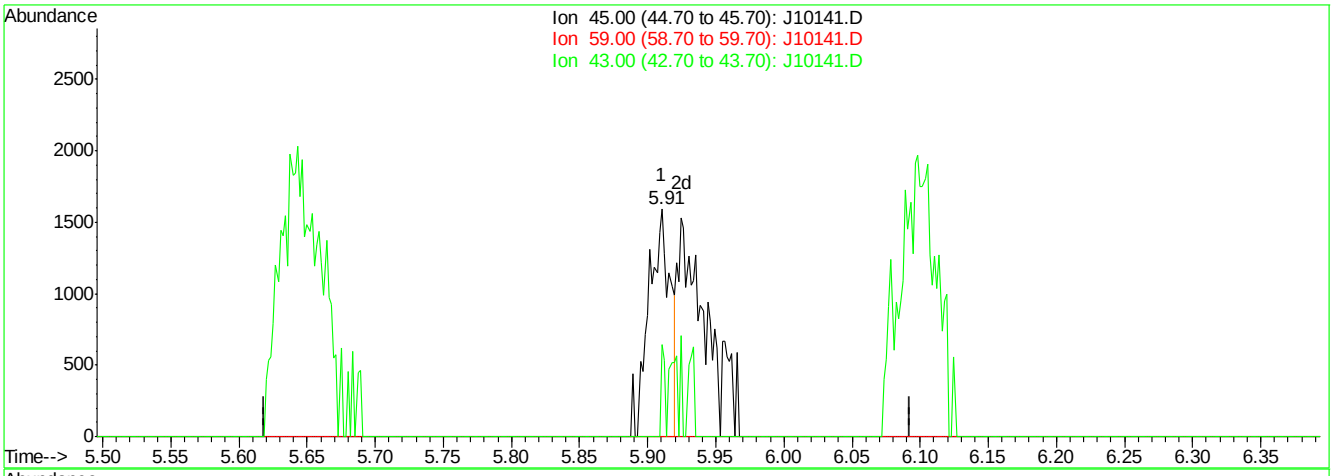
J10141.D J042607T.M Fri Apr 27 08:09:46 2007

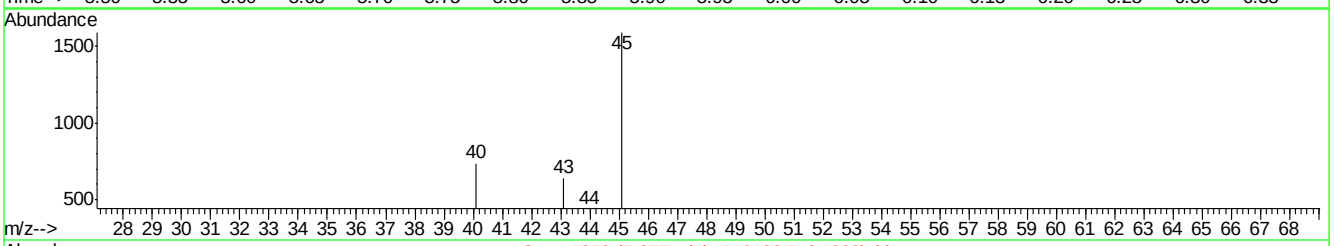
Quantitation Report (Qedit)

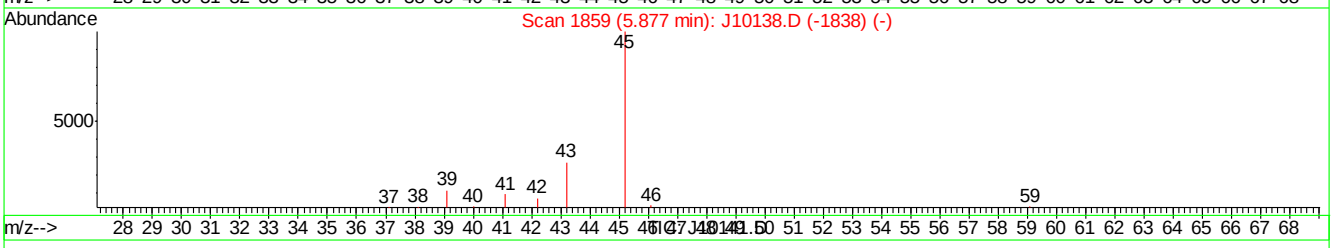
Data File : C:\MSDChem\1\data\J10141.D Vial: 3
Acq On : 26 Apr 2007 4:42 pm Operator: danat
Sample : IC525-0.5 (M161) Inst : MSJ
Misc : MS13434, MSJ525,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 27 08:05:11 2007 Results File: J042607T.RES

Method : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Apr 27 08:09:16 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

5.91min 0.24PPBV

response 1716

Ion	Exp%	Act%
45.00	100	100
59.00	2.60	0.00
43.00	27.00	40.35
0.00	0.00	0.00

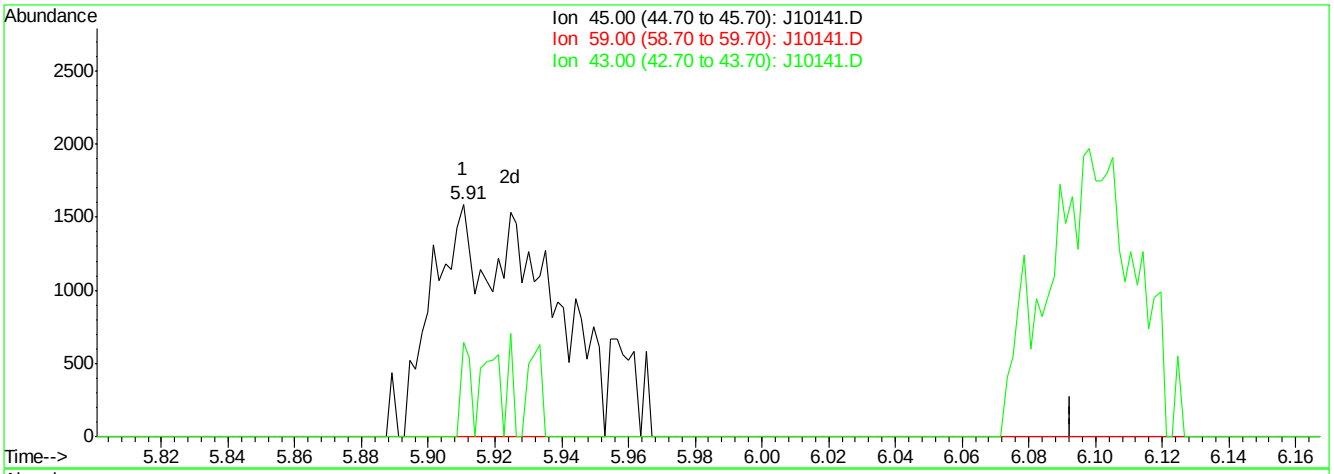
J10141.D J042607T.M Fri Apr 27 08:09:55 2007

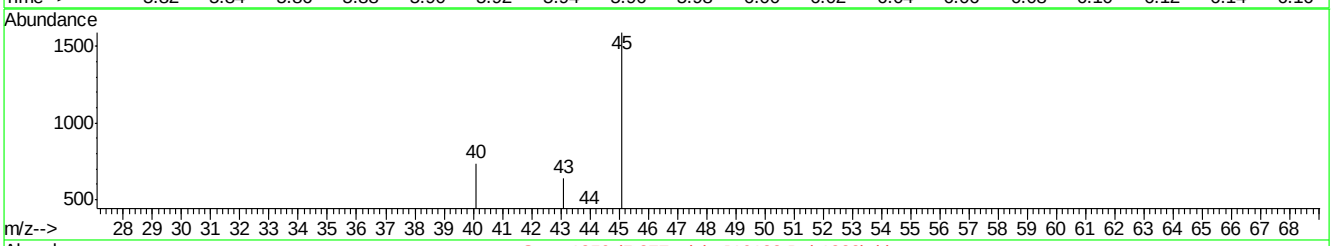
Quantitation Report (Qedit)

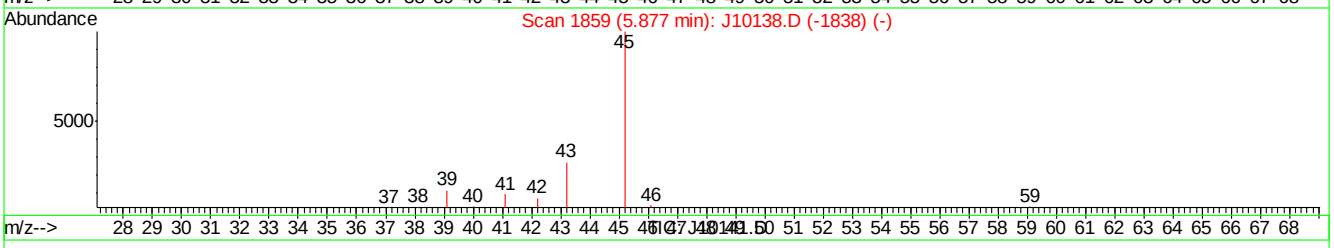
Data File : C:\MSDChem\1\data\J10141.D Vial: 3
Acq On : 26 Apr 2007 4:42 pm Operator: danat
Sample : IC525-0.5 (M161) Inst : MSJ
Misc : MS13434, MSJ525,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 27 08:05:11 2007 Results File: J042607T.RES

Method : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Apr 27 08:09:16 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

5.91min 0.50PPBV m

response 3561

Ion	Exp%	Act%
45.00	100	100
59.00	2.60	0.00
43.00	27.00	40.35
0.00	0.00	0.00

J10141.D J042607T.M Fri Apr 27 08:10:06 2007

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10143.D
Acq On : 26 Apr 2007 6:19 pm
Operator : danat
Sample : IC525-40 (M132)
Misc : MS13434, MSJ525,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 27 08:11:24 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Apr 27 08:11:11 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	78991	10.00	PPBV	0.03
35) 1,4-DIFLUOROBENZENE	10.45	114	331420	10.00	PPBV	0.03
49) CHLOROBENZENE-D5	14.68	117	309562	10.00	PPBV	0.02

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.30	95	115504	6.02	PPBV	0.01

Spiked Amount 5.000 Range 51 - 142 Recovery = 120.40%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	1185013	39.25	PPBV	100
3) PROPYLENE	3.99	41	157372	40.04	PPBV	90
4) FREON 114	4.32	85	952758	40.05	PPBV	99
5) CHLOROMETHANE	4.22	50	205136	45.50	PPBV	95
6) VINYL CHLORIDE	4.45	62	260183	45.12	PPBV	99
7) 1,3-BUTADIENE	4.58	39	194987	53.84	PPBV	96
8) BROMOMETHANE	4.85	94	310484	43.21	PPBV	98
9) CHLOROETHANE	5.02	64	123332	50.31	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.79	101	1217994	40.92	PPBV	100
11) ISOPROPYL ALCOHOL	5.92	45	343660	50.30	PPBV	96
12) ACETONE	5.64	43	331335	42.82	PPBV	97
13) PENTANE	6.13	42	210264	44.81	PPBV	95
14) 1,1-DICHLOROETHYLENE	6.42	96	295716	48.68	PPBV	99
15) CARBON DISULFIDE	6.85	76	791050	39.57	PPBV	100
16) ETHANOL	5.18	45	50999	49.84	PPBV #	53
17) BROMOETHENE	5.38	106	319683	48.44	PPBV	99
18) METHYLENE CHLORIDE	6.54	84	259131	24.35	PPBV	99
19) 3-CHLOROPROPENE	6.66	39	253117	52.61	PPBV	97
20) FREON 113	6.79	151	653193	42.22	PPBV	98
21) TRANS-1,2-DICHLOROETHYLENE	7.45	96	302753	49.09	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.52	59	534344	56.17	PPBV	99
23) METHYL TERTIARY BUTYL ETHE	7.72	73	704364	49.59	PPBV	99
24) TETRAHYDROFURAN	9.17	42	187770	52.45	PPBV	99
25) HEXANE	8.63	57	320381	36.70	PPBV	99
26) VINYL ACETATE	7.80	43	437752	58.15	PPBV	97
27) 1,1-DICHLOROETHANE	7.66	63	510046	45.14	PPBV	100
28) METHYL ETHYL KETONE	8.07	43	360206	49.56	PPBV	99
29) cis-1,2-DICHLOROETHYLENE	8.46	96	310714	48.99	PPBV	99
30) ETHYL ACETATE	8.69	43	401530	52.47	PPBV	99
31) CHLOROFORM	8.75	83	773714	45.25	PPBV	100
32) 1,1,1-TRICHLOROETHANE	9.68	97	940577	45.93	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	1159283	44.92	PPBV	100
34) 1,2-DICHLOROETHANE	9.46	62	479514	51.87	PPBV	100
36) BENZENE	10.13	78	757172	50.67	PPBV	99
37) CYCLOHEXANE	10.37	84	339538	51.77	PPBV	99
38) TRICHLOROETHYLENE	11.12	95	431142	53.08	PPBV	96
39) 1,2-DICHLOROPROPANE	10.91	63	245352	54.42	PPBV	98
40) BROMODICHLOROMETHANE	11.10	83	761084	48.96	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.13	57	1236653	52.49	PPBV	99
42) 1,4-DIOXANE	11.16	88	143240	50.83	PPBV	96
43) HEPTANE	11.37	43	356315	57.14	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10143.D
Acq On : 26 Apr 2007 6:19 pm
Operator : danat
Sample : IC525-40 (M132)
Misc : MS13434, MSJ525,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 27 08:11:24 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Apr 27 08:11:11 2007
Response via : Initial Calibration

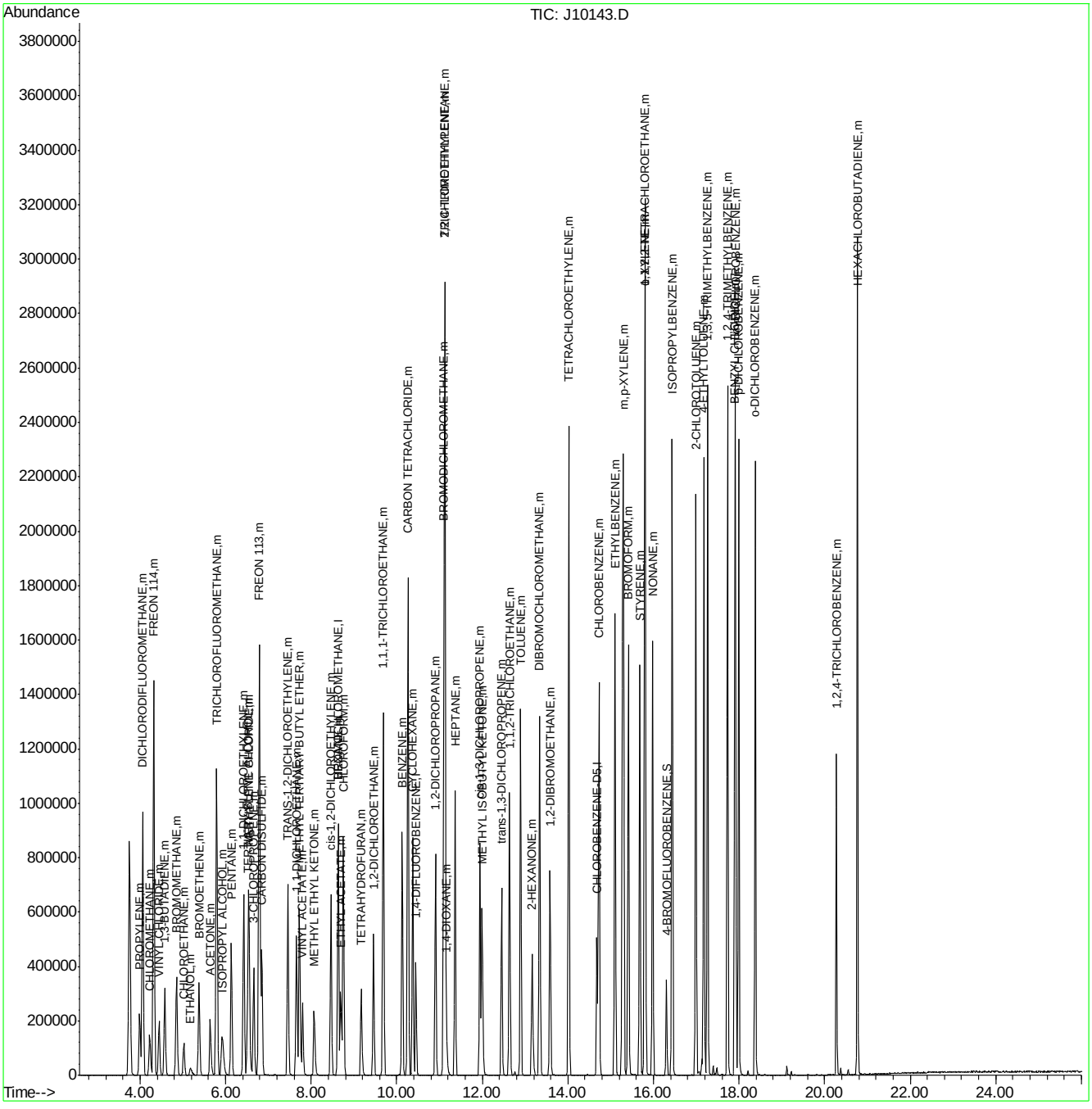
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.99	43	470586	61.43	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.94	75	455466	58.69	PPBV	99
46) TOLUENE	12.89	92	569961	56.22	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	410945	65.44	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.63	83	279073	54.63	PPBV	100
50) 2-HEXANONE	13.16	43	400408	56.81	PPBV	100
51) TETRACHLOROETHYLENE	14.02	164	523312	48.82	PPBV	99
52) DIBROMOCHLOROMETHANE	13.34	129	822091	47.77	PPBV	99
53) 1,2-DIBROMOETHANE	13.58	107	576849	51.22	PPBV	99
54) CHLOROBENZENE	14.73	112	824426	49.22	PPBV	100
55) ETHYLBENZENE	15.10	91	1333752	54.41	PPBV	100
56) m,p-XYLENE	15.29	106	1101128	120.39	PPBV	93
57) o-XYLENE	15.80	106	573578	60.41	PPBV	96
58) STYRENE	15.68	104	814578	63.43	PPBV	99
59) NONANE	15.98	43	542994	56.39	PPBV	98
60) BROMOFORM	15.41	173	878155	51.67	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.80	83	773873	52.97	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	1695353	56.92	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	1184329	58.13	PPBV	99
65) 4-ETHYLTOLUENE	17.18	105	1466947	61.00	PPBV	100
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1429049	58.79	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	1363627	61.82	PPBV	99
68) m-DICHLOROBENZENE	17.91	146	961788	55.40	PPBV	99
69) BENZYL CHLORIDE	17.90	91	870725	59.58	PPBV	99
70) p-DICHLOROBENZENE	17.99	146	907856	55.93	PPBV	97
71) o-DICHLOROBENZENE	18.38	146	856519	53.23	PPBV	100
72) HEXACHLOROBUTADIENE	20.77	225	506451	27.13	PPBV	100
73) 1,2,4-TRICHLOROBENZENE	20.28	180	309374	31.94	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10143.D
Acq On : 26 Apr 2007 6:19 pm
Operator : danat
Sample : IC525-40 (M132)
Misc : MS13434, MSJ525,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 27 08:11:24 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Apr 27 08:11:11 2007
Response via : Initial Calibration



ACCUTEST Laboratories M64245

J10144.D

Manual Integrations APPROVED (compounds with "m" flag)

Philip Bassignani 05/01/07 15:13

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10144.D
Acq On : 27 Apr 2007 9:19 am
Operator : danat
Sample : IC525-0.2 (M161)
Misc : MS13434, MSJ525,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 27 09:51:09 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Apr 27 09:40:24 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	76765	10.00	PPBV	0.02
35) 1,4-DIFLUOROBENZENE	10.44	114	323888	10.00	PPBV	0.02
49) CHLOROBENZENE-D5	14.67	117	262544	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.28	95	71375	4.34	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 86.80%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	6515	0.21	PPBV	72
3) PROPYLENE	4.00	41	332	0.08	PPBV #	16
4) FREON 114	4.32	85	5456	0.23	PPBV	94
5) CHLOROMETHANE	4.23	50	275	0.06	PPBV #	44
6) VINYL CHLORIDE	4.45	62	785	0.13	PPBV #	49
7) 1,3-BUTADIENE	4.58	39	483	0.13	PPBV #	63
8) BROMOMETHANE	4.86	94	1158	0.16	PPBV #	76
9) CHLOROETHANE	5.03	64	95	0.04	PPBV #	44
10) TRICHLOROFLUOROMETHANE	5.79	101	6968	0.23	PPBV	91
11) ISOPROPYL ALCOHOL	5.97	45	1616	0.23	PPBV #	52
12) ACETONE	5.69	43	2506	0.32	PPBV	70
13) PENTANE	6.15	42	819	0.17	PPBV #	28
14) 1,1-DICHLOROETHYLENE	6.42	96	1112	0.18	PPBV #	59
15) CARBON DISULFIDE	6.84	76	4870	0.24	PPBV #	62
17) BROMOETHENE	5.37	106	437	0.06	PPBV #	34
18) METHYLENE CHLORIDE	6.55	84	4559	0.43	PPBV	96
19) 3-CHLOROPROPENE	6.65	39	114	0.02	PPBV #	66
20) FREON 113	6.80	151	3175	0.20	PPBV #	15
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	1158	0.18	PPBV #	69
22) TERTIARY BUTYL ALCOHOL	6.59	59	1245m	0.13	PPBV	
23) METHYL TERTIARY BUTYL ETHE	7.76	73	2487	0.17	PPBV	64
24) TETRAHYDROFURAN	9.23	42	156	0.04	PPBV #	27
25) HEXANE	8.63	57	2069	0.23	PPBV #	78
26) VINYL ACETATE	7.81	43	1040m	0.13	PPBV	
27) 1,1-DICHLOROETHANE	7.66	63	2040	0.18	PPBV #	57
28) METHYL ETHYL KETONE	8.10	43	1876	0.25	PPBV #	55
29) cis-1,2-DICHLOROETHYLENE	8.46	96	1149	0.18	PPBV #	73
30) ETHYL ACETATE	8.71	43	1573m	0.20	PPBV	
31) CHLOROFORM	8.74	83	3405	0.19	PPBV	85
32) 1,1,1-TRICHLOROETHANE	9.68	97	4135	0.20	PPBV	93
33) CARBON TETRACHLORIDE	10.26	117	5358	0.20	PPBV	98
34) 1,2-DICHLOROETHANE	9.44	62	2032	0.21	PPBV #	61
36) BENZENE	10.12	78	3008	0.20	PPBV #	61
37) CYCLOHEXANE	10.37	84	825	0.12	PPBV #	78
38) TRICHLOROETHYLENE	11.12	95	1634	0.20	PPBV	98
39) 1,2-DICHLOROPROPANE	10.90	63	790	0.17	PPBV #	60
40) BROMODICHLOROMETHANE	11.09	83	3165	0.20	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.11	57	3840	0.16	PPBV #	91
43) HEPTANE	11.36	43	799	0.12	PPBV #	32
44) METHYL ISOBUTYL KETONE	12.01	43	1806	0.23	PPBV #	58
45) cis-1,3-DICHLOROPROPENE	11.93	75	1374	0.17	PPBV #	38

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10144.D
Acq On : 27 Apr 2007 9:19 am
Operator : danat
Sample : IC525-0.2 (M161)
Misc : MS13434, MSJ525,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 27 09:51:09 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Apr 27 09:40:24 2007
Response via : Initial Calibration

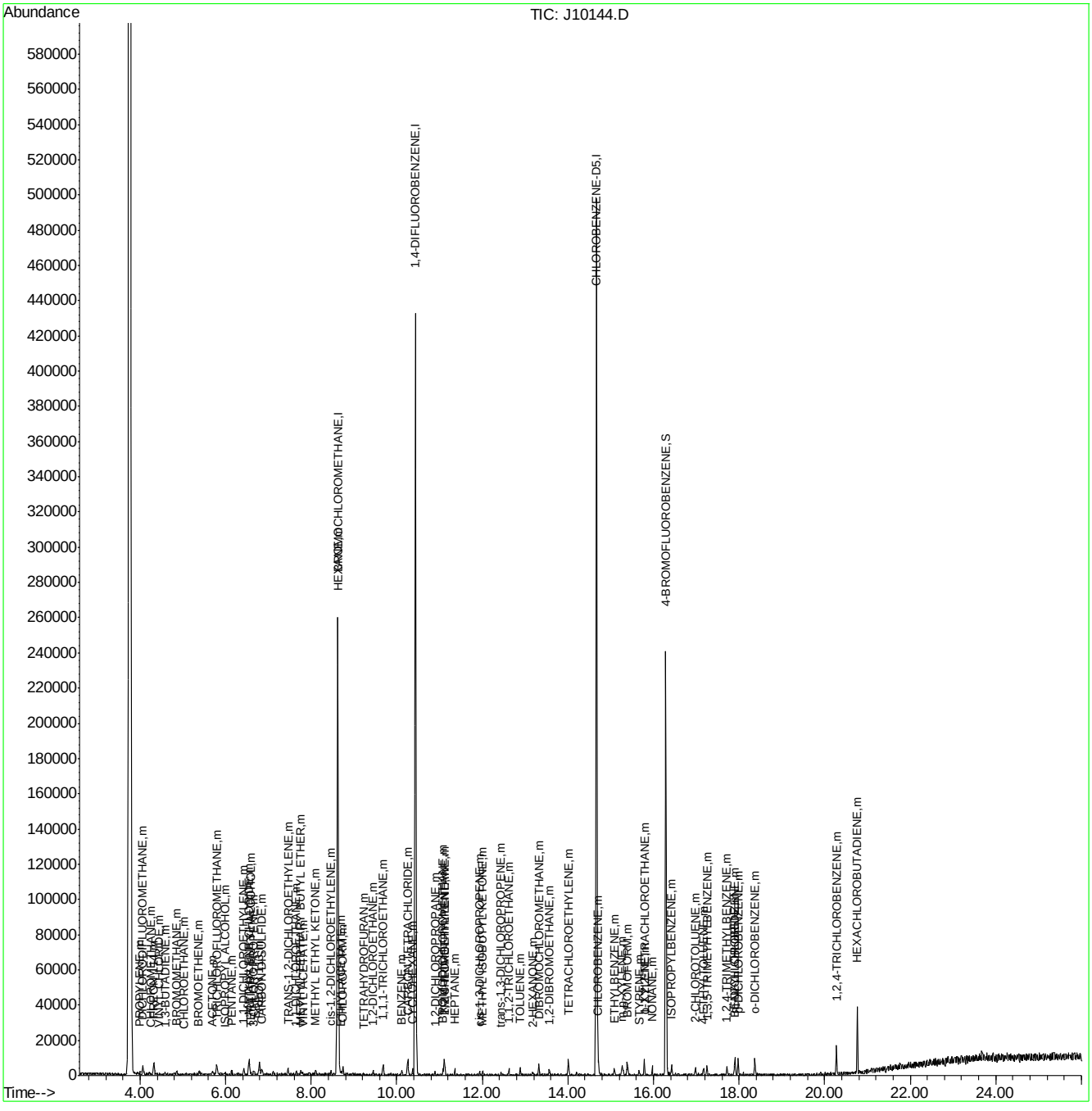
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
46) TOLUENE	12.88	92	1559	0.15 PPBV #	60
47) trans-1,3-DICHLOROPROPENE	12.44	75	778	0.12 PPBV #	74
48) 1,1,2-TRICHLOROETHANE	12.62	83	860	0.16 PPBV #	75
50) 2-HEXANONE	13.18	43	1848	0.29 PPBV #	42
51) TETRACHLOROETHYLENE	14.01	164	1797	0.19 PPBV	89
52) DIBROMOCHLOROMETHANE	13.32	129	3399	0.22 PPBV	95
53) 1,2-DIBROMOETHANE	13.56	107	2305	0.23 PPBV #	92
54) CHLOROBENZENE	14.71	112	3456	0.23 PPBV	96
55) ETHYLBENZENE	15.09	91	3643	0.17 PPBV #	87
56) m,p-XYLENE	15.27	106	2775m	0.34 PPBV	
57) o-XYLENE	15.78	106	1292	0.15 PPBV #	79
58) STYRENE	15.66	104	1726	0.15 PPBV	76
59) NONANE	15.97	43	883	0.10 PPBV #	65
60) BROMOFORM	15.38	173	3754	0.25 PPBV #	92
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	3419	0.26 PPBV #	86
63) ISOPROPYLBENZENE	16.42	105	4365	0.16 PPBV	87
64) 2-CHLOROTOLUENE	16.98	91	3537	0.19 PPBV	83
65) 4-ETHYLTOLUENE	17.16	105	3363	0.16 PPBV #	82
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	3859	0.18 PPBV #	94
67) 1,2,4-TRIMETHYLBENZENE	17.71	105	3765	0.19 PPBV #	85
68) m-DICHLOROBENZENE	17.90	146	4423	0.29 PPBV	99
69) BENZYL CHLORIDE	17.88	91	3096	0.24 PPBV	72
70) p-DICHLOROBENZENE	17.98	146	4573	0.32 PPBV	92
71) o-DICHLOROBENZENE	18.37	146	4594	0.32 PPBV	97
72) HEXACHLOROBUTADIENE	20.77	225	6449	0.40 PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.28	180	5063	0.60 PPBV	96

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10144.D
Acq On : 27 Apr 2007 9:19 am
Operator : danat
Sample : IC525-0.2 (M161)
Misc : MS13434, MSJ525,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 27 09:51:09 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Apr 27 09:40:24 2007
Response via : Initial Calibration



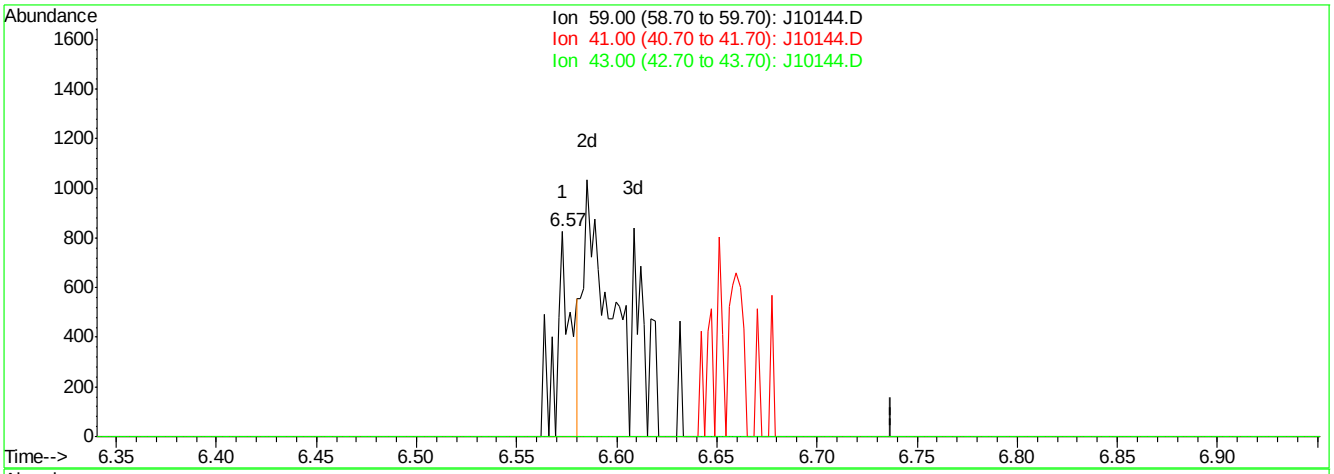
ACCUTEST Laboratories M64245

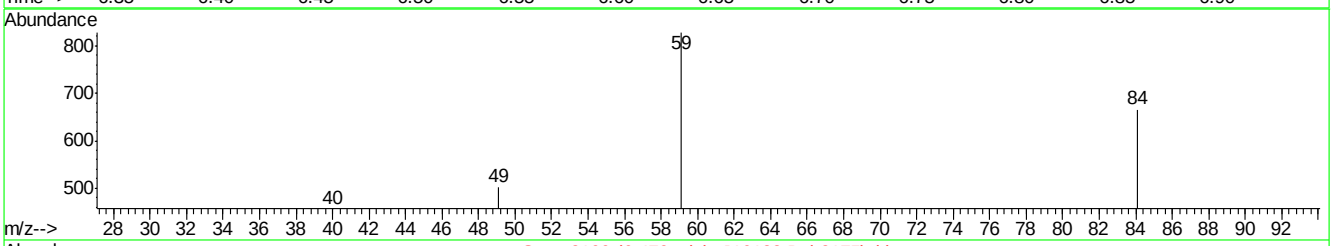
Quantitation Report (Qedit)

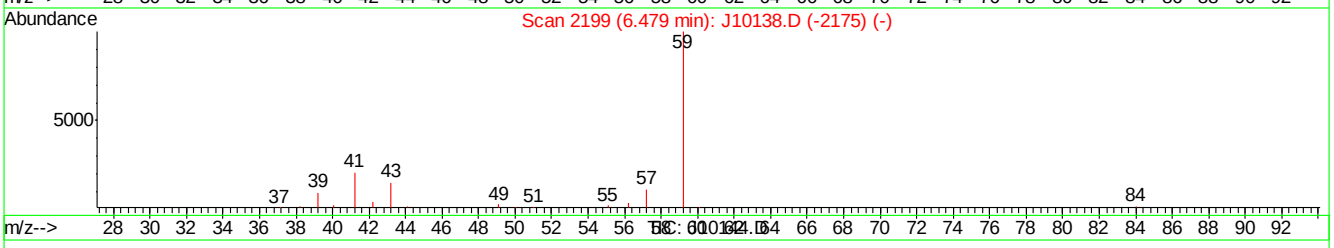
Data File : C:\MSDChem\1\data\J10144.D Vial: 3
Acq On : 27 Apr 2007 9:19 am Operator: danat
Sample : IC525-0.2 (M161) Inst : MSJ
Misc : MS13434, MSJ525,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 27 09:47:24 2007 Results File: J042607T.RES

Method : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Apr 27 09:40:24 2007
Response via : Multiple Level Calibration







(22) TERTIARY BUTYL ALCOHOL (m)

6.57min 0.04PPBV

response 381

Ion	Exp%	Act%
59.00	100	100
41.00	21.30	0.00#
43.00	16.70	0.00
0.00	0.00	0.00

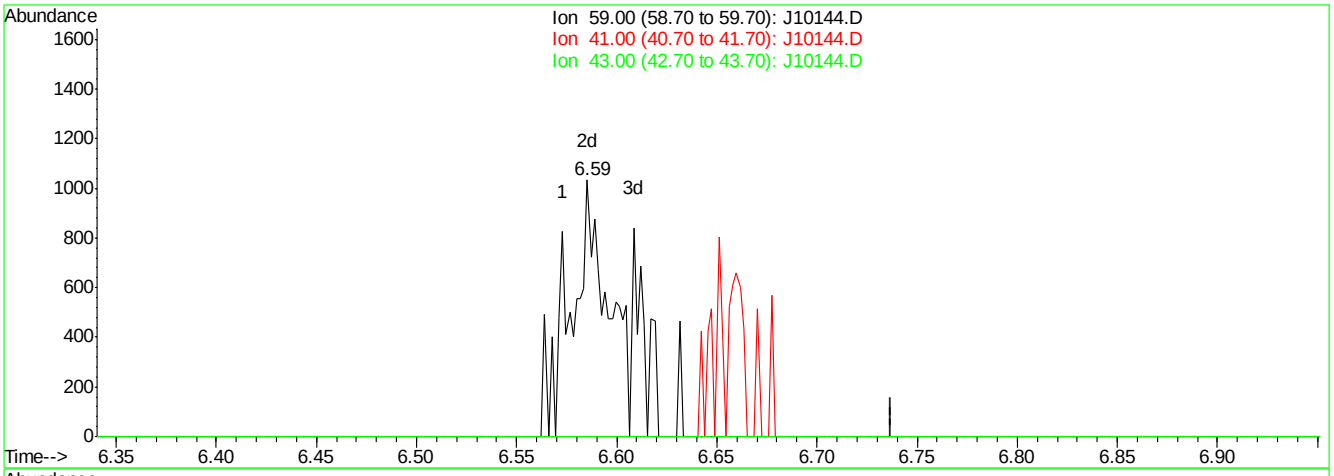
J10144.D J042607T.M Fri Apr 27 09:49:07 2007

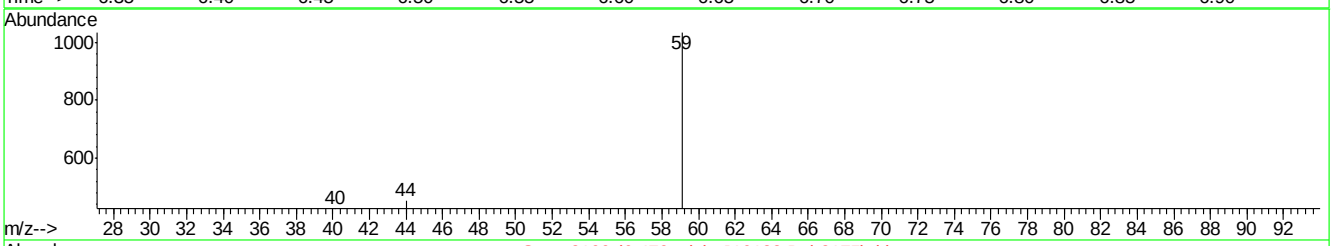
Quantitation Report (Qedit)

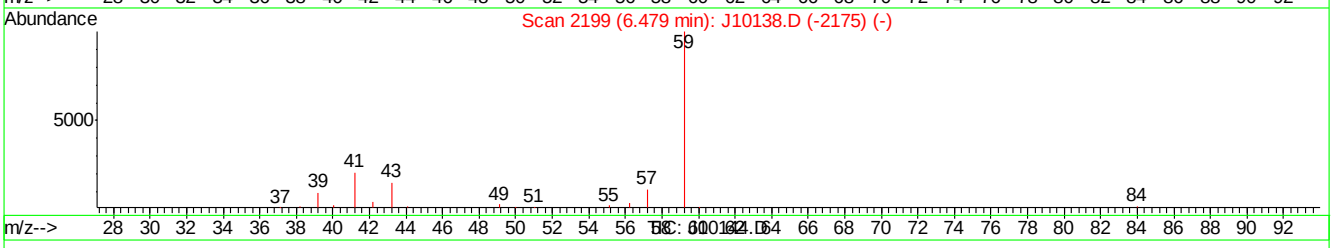
Data File : C:\MSDChem\1\data\J10144.D Vial: 3
Acq On : 27 Apr 2007 9:19 am Operator: danat
Sample : IC525-0.2 (M161) Inst : MSJ
Misc : MS13434, MSJ525,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 27 09:47:24 2007 Results File: J042607T.RES

Method : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Apr 27 09:40:24 2007
Response via : Multiple Level Calibration







(22) TERTIARY BUTYL ALCOHOL (m)

6.59min 0.13PPBV m

response 1245

Ion	Exp%	Act%
59.00	100	100
41.00	21.30	0.00#
43.00	16.70	0.00
0.00	0.00	0.00

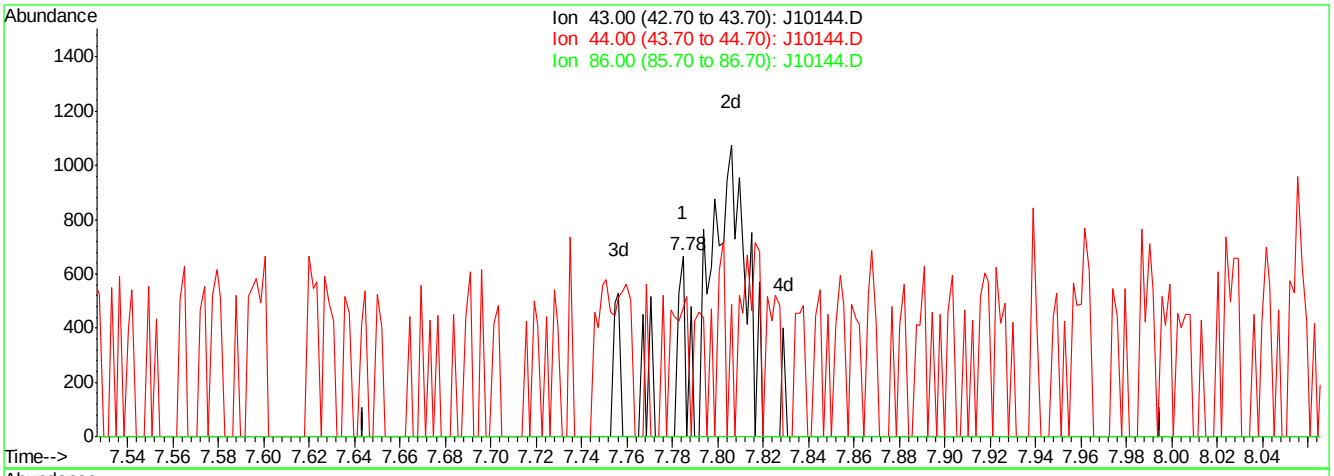
J10144.D J042607T.M Fri Apr 27 09:49:15 2007

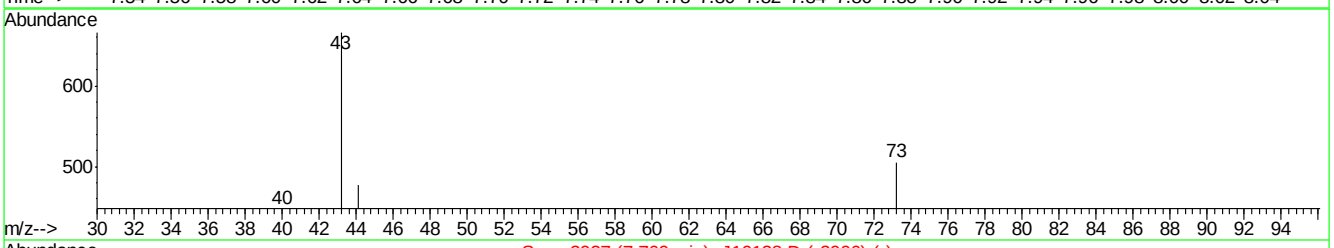
Quantitation Report (Qedit)

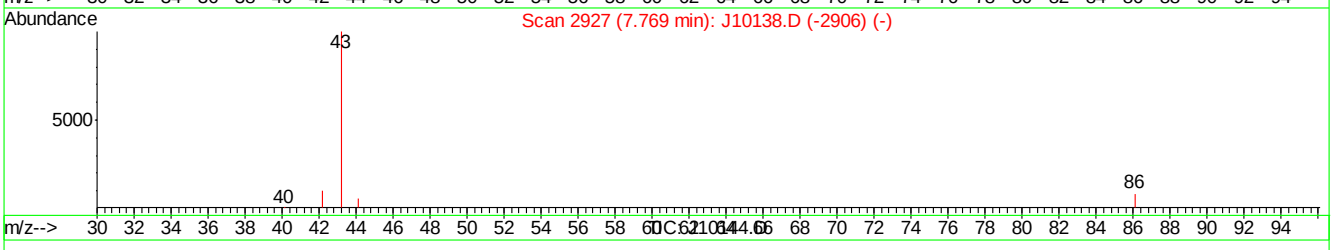
Data File : C:\MSDChem\1\data\J10144.D Vial: 3
Acq On : 27 Apr 2007 9:19 am Operator: danat
Sample : IC525-0.2 (M161) Inst : MSJ
Misc : MS13434, MSJ525,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 27 09:47:24 2007 Results File: J042607T.RES

Method : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Apr 27 09:40:24 2007
Response via : Multiple Level Calibration







(26) VINYL ACETATE (m)

7.78min 0.02PPBV

response 127

Ion	Exp%	Act%
43.00	100	100
44.00	8.30	47.24#
86.00	8.60	0.00
0.00	0.00	0.00

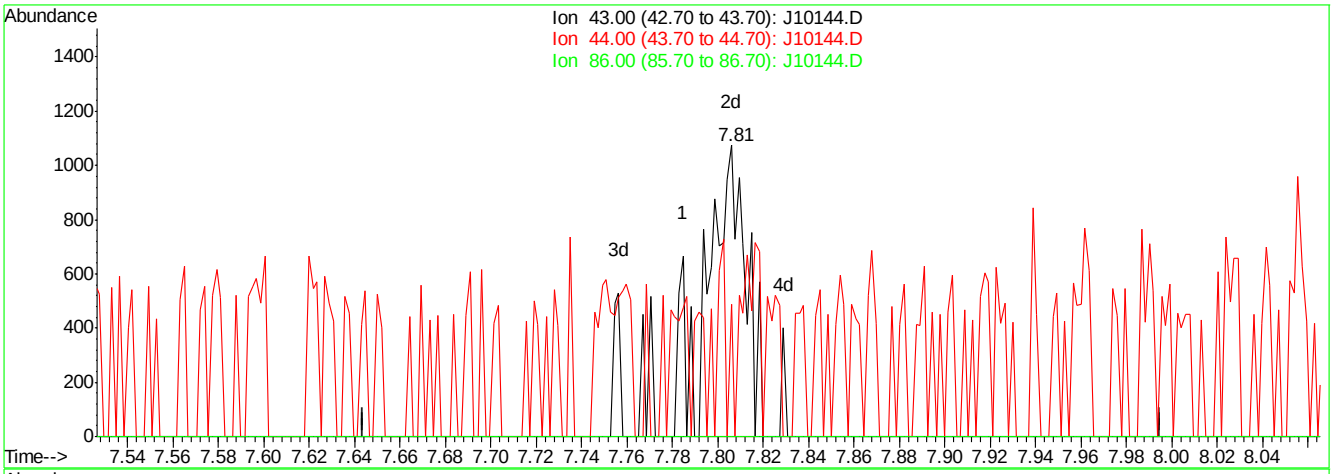
J10144.D J042607T.M Fri Apr 27 09:49:32 2007

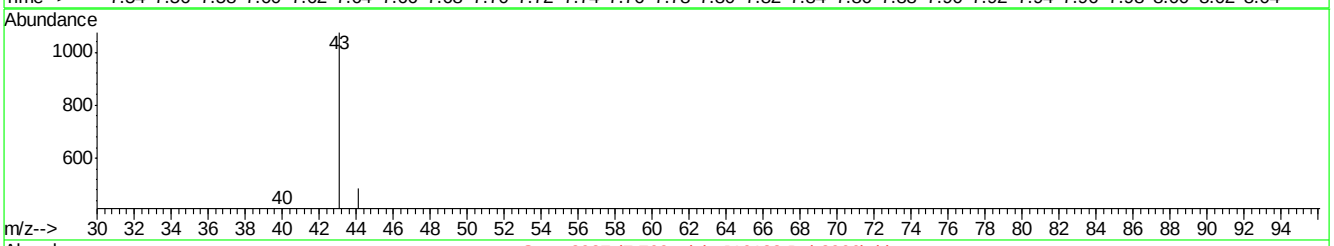
Quantitation Report (Qedit)

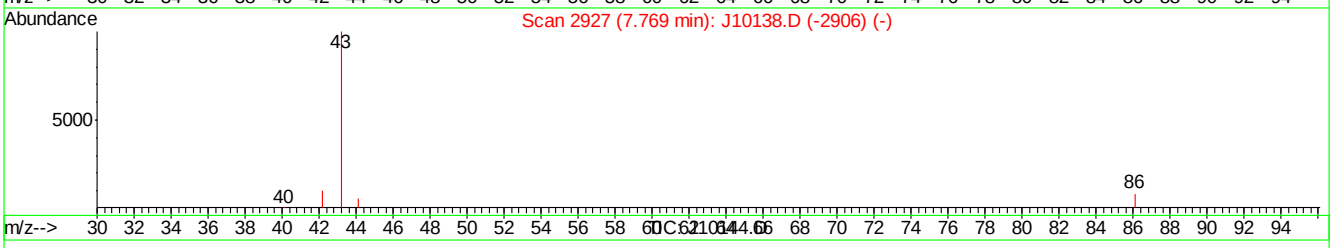
Data File : C:\MSDChem\1\data\J10144.D Vial: 3
Acq On : 27 Apr 2007 9:19 am Operator: danat
Sample : IC525-0.2 (M161) Inst : MSJ
Misc : MS13434, MSJ525,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 27 09:47:24 2007 Results File: J042607T.RES

Method : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Apr 27 09:40:24 2007
Response via : Multiple Level Calibration







(26) VINYL ACETATE (m)

7.81min 0.13PPBV m

response 1040

Ion	Exp%	Act%
43.00	100	100
44.00	8.30	5.77
86.00	8.60	0.00
0.00	0.00	0.00

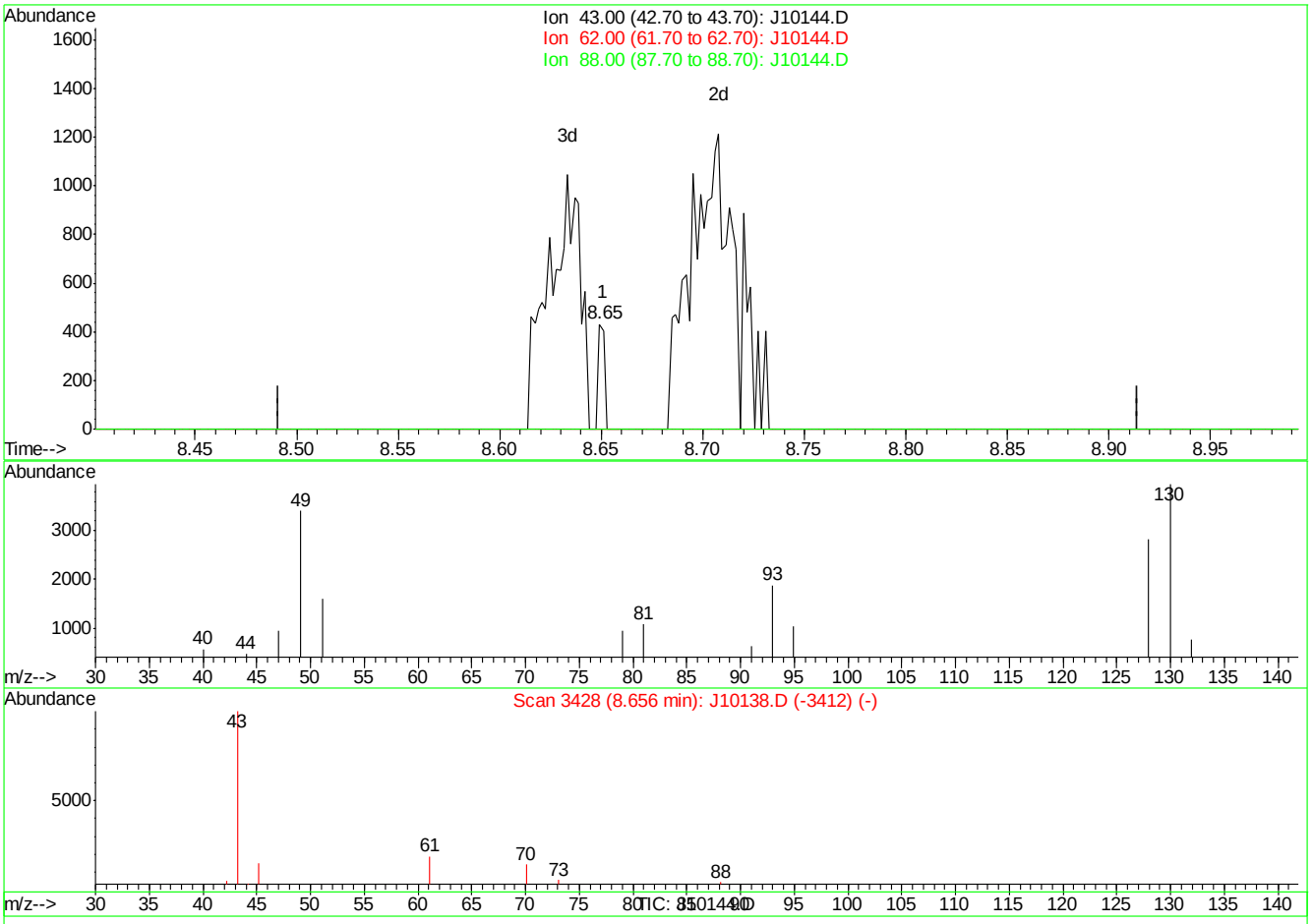
J10144.D J042607T.M Fri Apr 27 09:49:40 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10144.D Vial: 3
Acq On : 27 Apr 2007 9:19 am Operator: danat
Sample : IC525-0.2 (M161) Inst : MSJ
Misc : MS13434, MSJ525,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 27 09:47:24 2007 Results File: J042607T.RES

Method : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Apr 27 09:40:24 2007
Response via : Multiple Level Calibration



(30) ETHYL ACETATE (m)

8.65min 0.01PPBV

response 88

Ion	Exp%	Act%
43.00	100	100
62.00	0.00	0.00
88.00	4.30	0.00
0.00	0.00	0.00

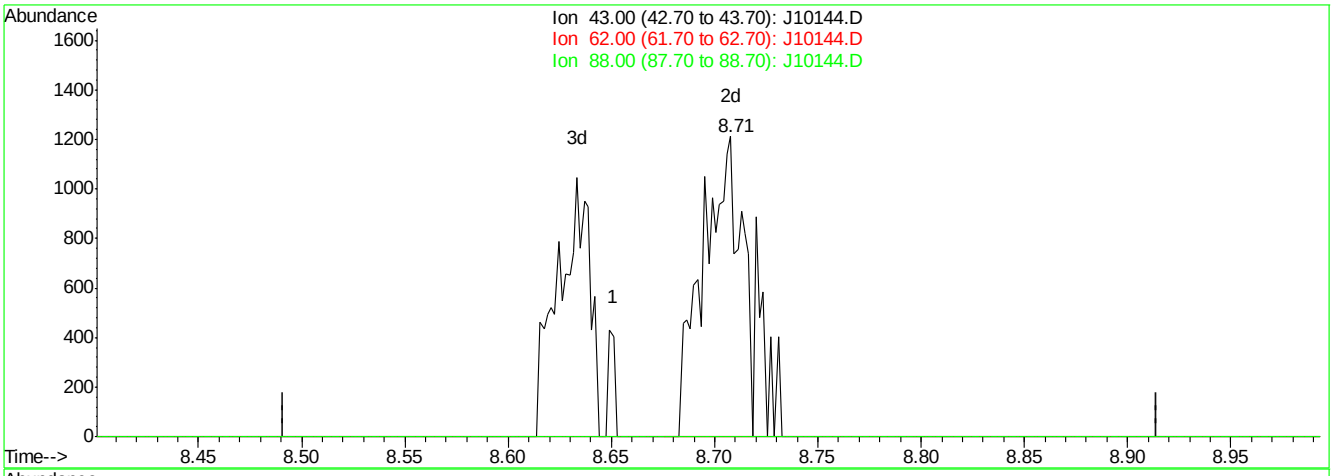
J10144.D J042607T.M Fri Apr 27 09:50:05 2007

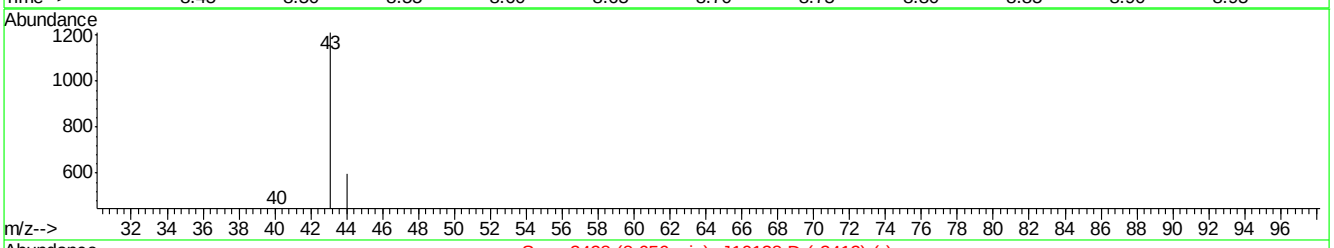
Quantitation Report (Qedit)

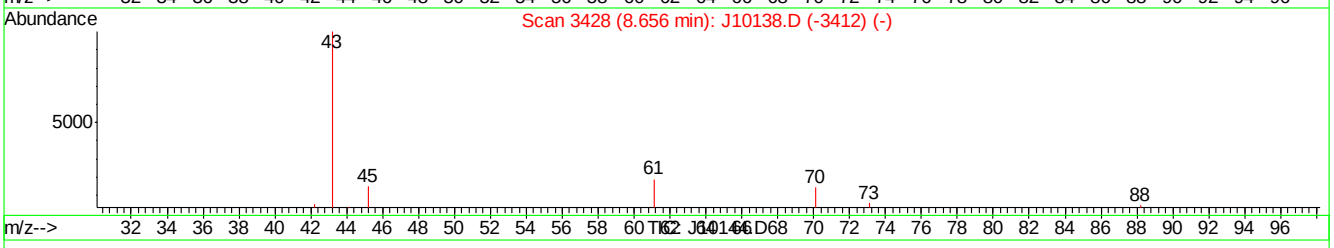
Data File : C:\MSDChem\1\data\J10144.D Vial: 3
Acq On : 27 Apr 2007 9:19 am Operator: danat
Sample : IC525-0.2 (M161) Inst : MSJ
Misc : MS13434, MSJ525,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 27 09:47:24 2007 Results File: J042607T.RES

Method : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Apr 27 09:40:24 2007
Response via : Multiple Level Calibration







(30) ETHYL ACETATE (m)

8.71min 0.20PPBV m

response 1573

Ion	Exp%	Act%
43.00	100	100
62.00	0.00	0.00
88.00	4.30	0.00
0.00	0.00	0.00

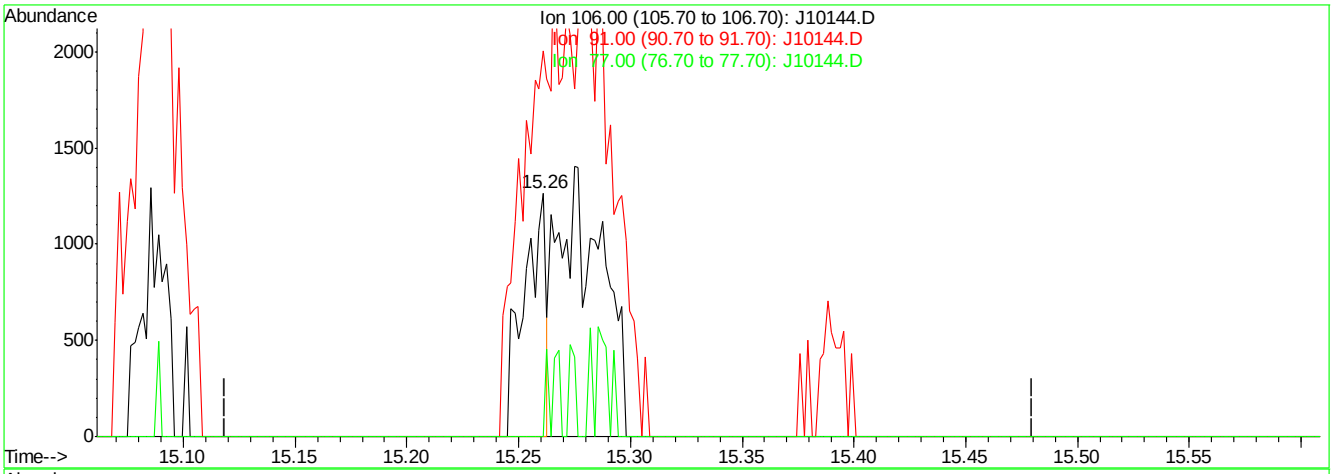
J10144.D J042607T.M Fri Apr 27 09:50:13 2007

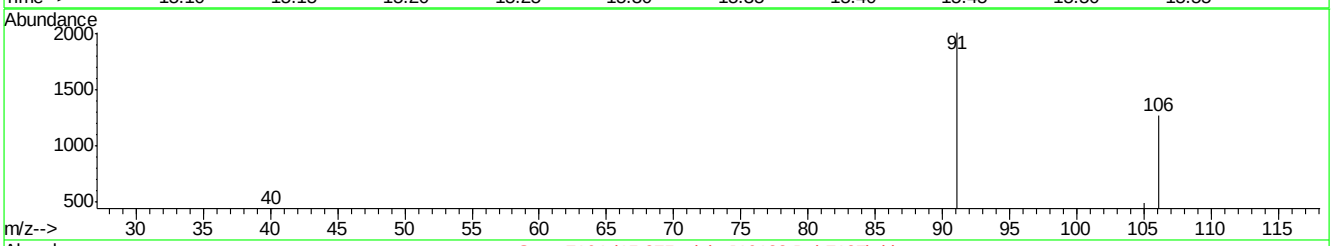
Quantitation Report (Qedit)

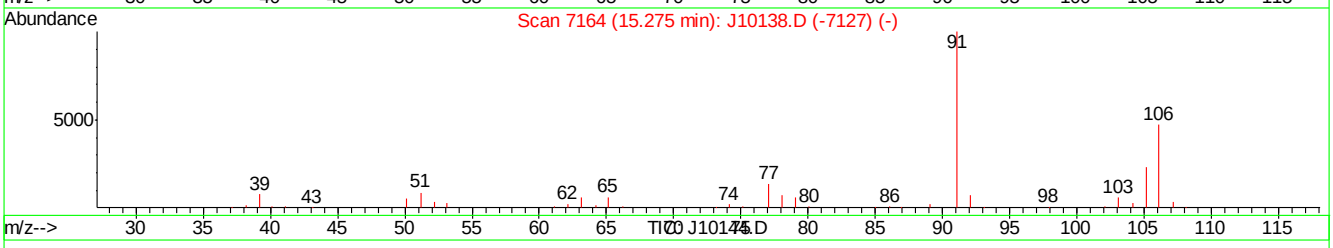
Data File : C:\MSDChem\1\data\J10144.D Vial: 3
Acq On : 27 Apr 2007 9:19 am Operator: danat
Sample : IC525-0.2 (M161) Inst : MSJ
Misc : MS13434, MSJ525,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 27 09:47:24 2007 Results File: J042607T.RES

Method : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Apr 27 09:40:24 2007
Response via : Multiple Level Calibration







(56) m,p-XYLENE (m)

15.26min 0.10PPBV

response 853

Ion	Exp%	Act%
106.00	100	100
91.00	211.60	158.25#
77.00	28.30	0.00#
0.00	0.00	0.00

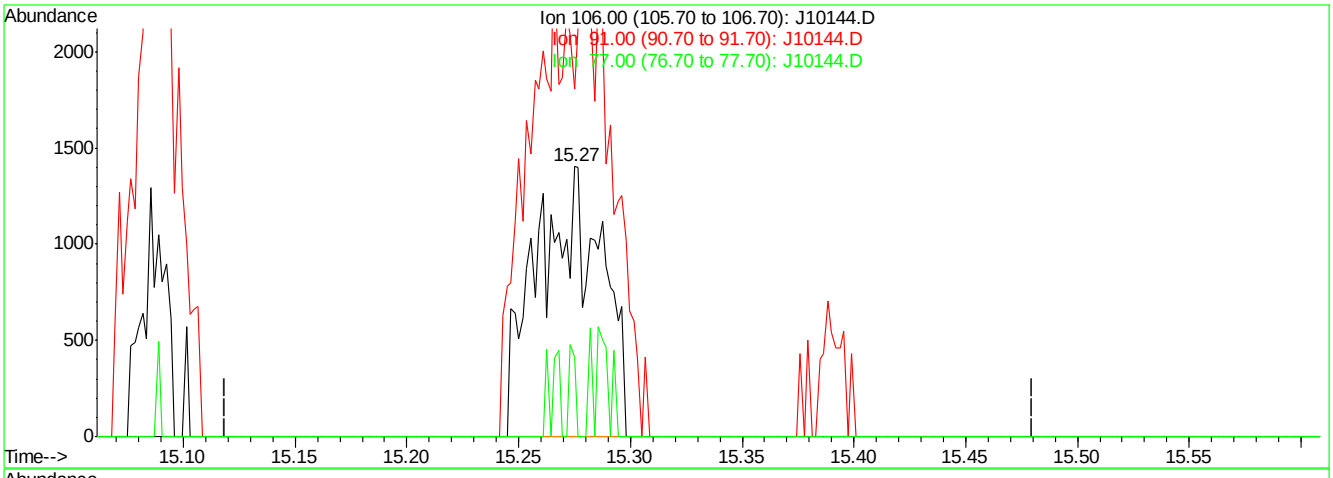
J10144.D J042607T.M Fri Apr 27 09:51:07 2007

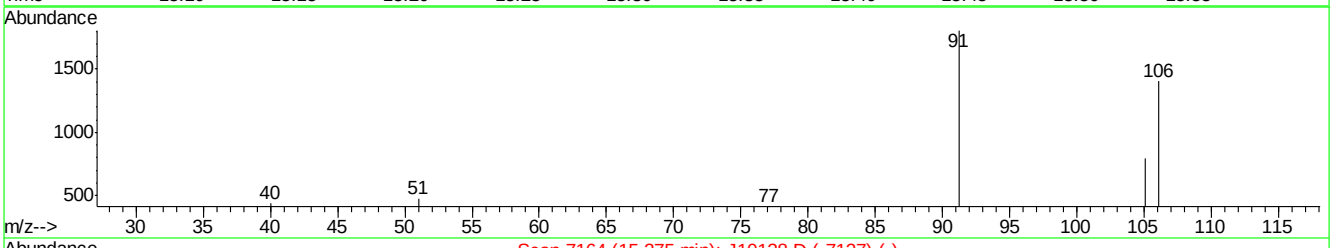
Quantitation Report (Qedit)

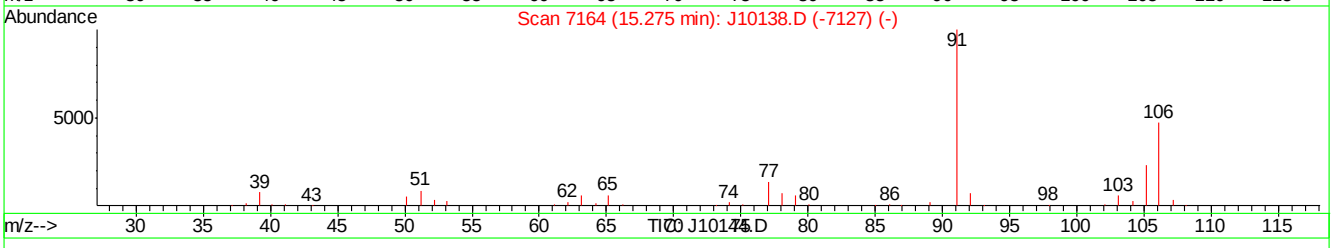
Data File : C:\MSDChem\1\data\J10144.D Vial: 3
Acq On : 27 Apr 2007 9:19 am Operator: danat
Sample : IC525-0.2 (M161) Inst : MSJ
Misc : MS13434, MSJ525,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 27 09:47:24 2007 Results File: J042607T.RES

Method : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Apr 27 09:40:24 2007
Response via : Multiple Level Calibration







(56) m,p-XYLENE (m)

15.27min 0.34PPBV m

response 2775

Ion	Exp%	Act%
106.00	100	100
91.00	211.60	128.54#
77.00	28.30	29.32
0.00	0.00	0.00

J10144.D J042607T.M Fri Apr 27 09:51:13 2007

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10146.D
Acq On : 27 Apr 2007 10:50 am
Operator : danat
Sample : ICV525-10 (M050)
Misc : MS13434, MSJ525,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 27 11:37:27 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Apr 27 09:59:19 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	79693	10.00	PPBV	0.02
35) 1,4-DIFLUOROBENZENE	10.44	114	333965	10.00	PPBV	0.02
49) CHLOROBENZENE-D5	14.67	117	292288	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.29	95	97770	5.33	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 106.60%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	266299	8.42	PPBV	100
3) PROPYLENE	3.99	41	33871	8.88	PPBV	86
4) FREON 114	4.32	85	211321	8.33	PPBV	98
5) CHLOROMETHANE	4.23	50	45874	8.53	PPBV	94
6) VINYL CHLORIDE	4.44	62	59232	9.20	PPBV	99
7) 1,3-BUTADIENE	4.58	39	43657	9.06	PPBV	96
8) BROMOMETHANE	4.86	94	70391	9.08	PPBV	99
9) CHLOROETHANE	5.02	64	27402	8.80	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.79	101	275915	8.71	PPBV	100
11) ISOPROPYL ALCOHOL	5.91	45	66363	7.98	PPBV	94
12) ACETONE	5.64	43	68633	7.68	PPBV	97
13) PENTANE	6.13	42	45311	8.70	PPBV	96
14) 1,1-DICHLOROETHYLENE	6.42	96	68337	9.76	PPBV	98
15) CARBON DISULFIDE	6.84	76	185076	8.65	PPBV	99
16) ETHANOL	5.18	45	10416	8.62	PPBV	95
17) BROMOETHENE	5.38	106	70620	8.94	PPBV	99
18) METHYLENE CHLORIDE	6.54	84	59029	8.66	PPBV	100
19) 3-CHLOROPROPENE	6.66	39	48150	8.17	PPBV	96
20) FREON 113	6.79	151	145676	8.98	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.45	96	65668	9.15	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.51	59	102827	9.35	PPBV	99
23) METHYL TERTIARY BUTYL ETHE	7.72	73	144353	9.39	PPBV	99
24) TETRAHYDROFURAN	9.17	42	37099	8.60	PPBV	99
25) HEXANE	8.63	57	69349	7.80	PPBV	97
26) VINYL ACETATE	7.79	43	78811	8.97	PPBV	99
27) 1,1-DICHLOROETHANE	7.65	63	108583	9.07	PPBV	99
28) METHYL ETHYL KETONE	8.06	43	72198	8.39	PPBV	95
29) cis-1,2-DICHLOROETHYLENE	8.46	96	62857	9.01	PPBV	99
30) ETHYL ACETATE	8.68	43	80830	9.13	PPBV #	100
31) CHLOROFORM	8.74	83	163451	9.02	PPBV	100
32) 1,1,1-TRICHLOROETHANE	9.68	97	192708	8.83	PPBV	99
33) CARBON TETRACHLORIDE	10.25	117	247503	8.98	PPBV	99
34) 1,2-DICHLOROETHANE	9.45	62	92071	8.77	PPBV	99
36) BENZENE	10.12	78	143794	8.94	PPBV	99
37) CYCLOHEXANE	10.37	84	72848	10.24	PPBV	99
38) TRICHLOROETHYLENE	11.11	95	81820	9.14	PPBV	98
39) 1,2-DICHLOROPROPANE	10.90	63	46044	9.09	PPBV	97
40) BROMODICHLOROMETHANE	11.09	83	152037	9.26	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	234777	9.32	PPBV	99
42) 1,4-DIOXANE	11.16	88	25906	8.46	PPBV	90
43) HEPTANE	11.36	43	70474	10.24	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10146.D
Acq On : 27 Apr 2007 10:50 am
Operator : danat
Sample : ICV525-10 (M050)
Misc : MS13434, MSJ525,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 27 11:37:27 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Apr 27 09:59:19 2007
Response via : Initial Calibration

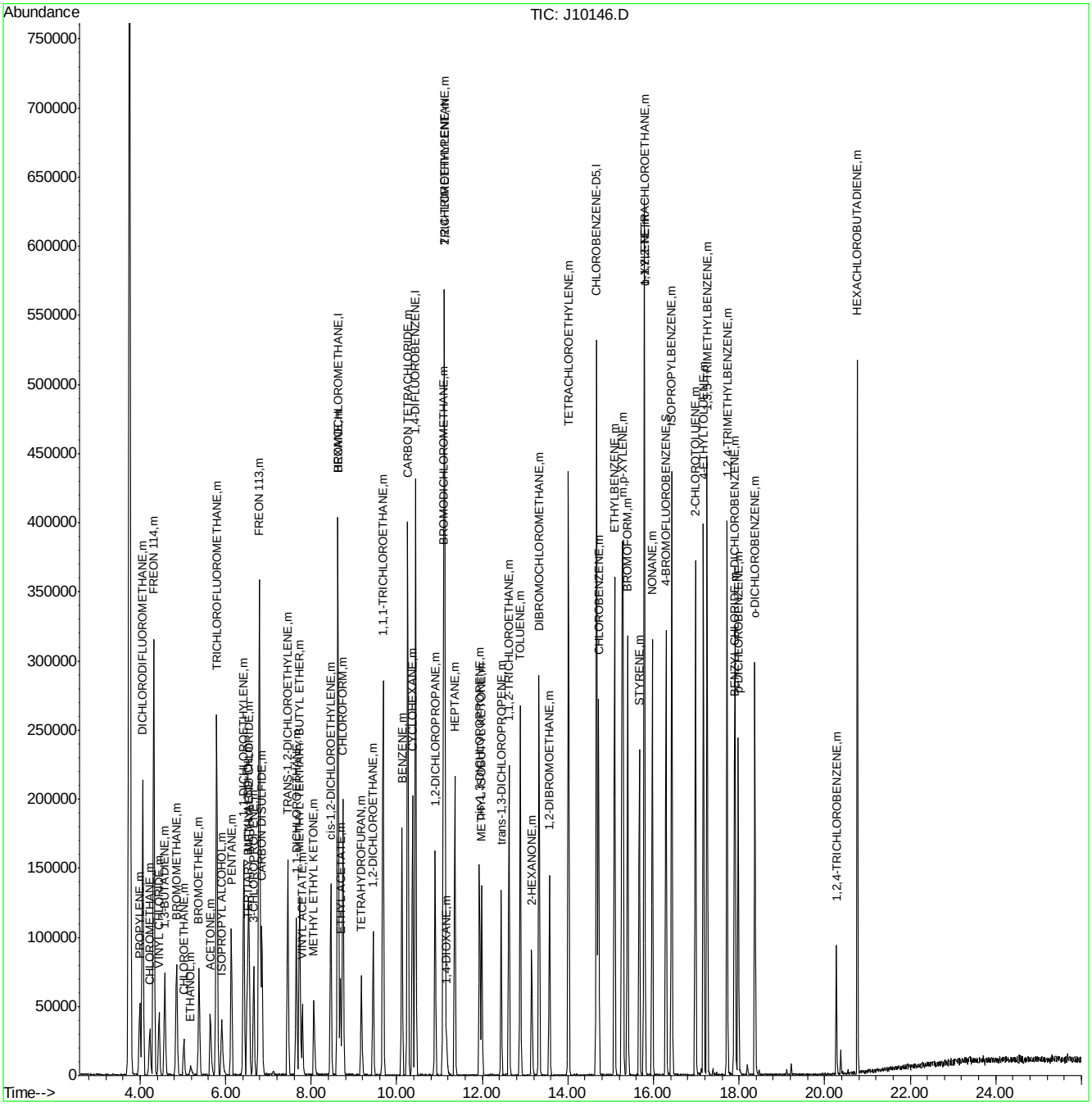
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.98	43	86927	9.15	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.93	75	74154	8.55	PPBV	98
46) TOLUENE	12.89	92	103186	9.52	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.44	75	67124	9.48	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.62	83	50928	9.00	PPBV	97
50) 2-HEXANONE	13.15	43	64782	7.70	PPBV	98
51) TETRACHLOROETHYLENE	14.01	164	93182	8.93	PPBV	100
52) DIBROMOCHLOROMETHANE	13.32	129	152892	8.87	PPBV	99
53) 1,2-DIBROMOETHANE	13.57	107	92209	7.85	PPBV	100
54) CHLOROBENZENE	14.72	112	141008	8.14	PPBV	100
55) ETHYLBENZENE	15.09	91	243957	9.81	PPBV	99
56) m,p-XYLENE	15.28	106	186426	18.67	PPBV	95
57) o-XYLENE	15.78	106	97564	9.90	PPBV	99
58) STYRENE	15.66	104	111088	8.21	PPBV	98
59) NONANE	15.97	43	97150	9.95	PPBV	100
60) BROMOFORM	15.40	173	154730	8.66	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	130473	8.05	PPBV	99
63) ISOPROPYLBENZENE	16.43	105	293832	9.65	PPBV	99
64) 2-CHLOROTOLUENE	16.98	91	193587	9.07	PPBV	98
65) 4-ETHYLTOLUENE	17.17	105	237322	9.53	PPBV	100
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	233993	9.27	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	203695	8.66	PPBV	99
68) m-DICHLOROBENZENE	17.91	146	115031	6.11	PPBV	99
69) BENZYL CHLORIDE	17.88	91	93290	5.85	PPBV	99
70) p-DICHLOROBENZENE	17.98	146	96408	5.31	PPBV	96
71) o-DICHLOROBENZENE	18.37	146	112679	8.59	PPBV	100
72) HEXACHLOROBUTADIENE	20.76	225	83127	4.34	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	24987	3.62	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10146.D
Acq On : 27 Apr 2007 10:50 am
Operator : danat
Sample : ICV525-10 (M050)
Misc : MS13434, MSJ525,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 27 11:37:27 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Apr 27 09:59:19 2007
Response via : Initial Calibration



ACCUTEST Laboratories M64245

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
05/01/07 14:57

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10166.D
Acq On : 30 Apr 2007 10:12 am
Operator : danat
Sample : CC525-10 (M050)
Misc : MS13445, MSJ526,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 30 14:42:59 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Apr 27 09:59:19 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.66	128	81493	10.00	PPBV	0.06
35) 1,4-DIFLUOROBENZENE	10.48	114	388824	10.00	PPBV	0.06
49) CHLOROBENZENE-D5	14.70	117	350201	10.00	PPBV	0.04
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.33	95	108471	4.93	PPBV	0.04
Spiked Amount 5.000	Range 51 - 142		Recovery = 98.60%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.08	85	275763	8.53	PPBV	99
3) PROPYLENE	4.00	41	36310	9.31	PPBV	92
4) FREON 114	4.34	85	229173	8.83	PPBV	99
5) CHLOROMETHANE	4.25	50	50020	9.12	PPBV	96
6) VINYL CHLORIDE	4.46	62	62674	9.52	PPBV	98
7) 1,3-BUTADIENE	4.60	39	48859	9.89	PPBV	98
8) BROMOMETHANE	4.88	94	77482	9.78	PPBV	99
9) CHLOROETHANE	5.05	64	29693	9.32	PPBV	97
10) TRICHLOROFLUOROMETHANE	5.81	101	297739	9.19	PPBV	99
12) ACETONE	5.72	43	73556	8.05	PPBV	97
13) PENTANE	6.16	42	56577	10.62	PPBV	96
14) 1,1-DICHLOROETHYLENE	6.45	96	73814	10.31	PPBV	99
15) CARBON DISULFIDE	6.87	76	208881	9.54	PPBV	99
16) ETHANOL	5.37	45	474	0.85	PPBV #	94
17) BROMOETHENE	5.40	106	75774	9.37	PPBV	99
18) METHYLENE CHLORIDE	6.57	84	63447	9.14	PPBV	99
19) 3-CHLOROPROPENE	6.69	39	54510	8.99	PPBV	89
20) FREON 113	6.82	151	159864	9.64	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.48	96	66637	9.08	PPBV	96
22) TERTIARY BUTYL ALCOHOL	6.45	59	5641	0.50	PPBV #	58
23) METHYL TERTIARY BUTYL ETHE	7.78	73	152821	9.72	PPBV	99
24) TETRAHYDROFURAN	9.24	42	39339	8.89	PPBV	98
25) HEXANE	8.66	57	76500	8.41	PPBV	93
26) VINYL ACETATE	7.85	43	88850	9.88	PPBV	99
27) 1,1-DICHLOROETHANE	7.69	63	115568	9.44	PPBV	100
28) METHYL ETHYL KETONE	8.17	43	75477	8.58	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.49	96	62560	8.76	PPBV	95
30) ETHYL ACETATE	8.76	43	88078	9.73	PPBV #	95
31) CHLOROFORM	8.79	83	174692	9.42	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.71	97	207527	9.30	PPBV	98
33) CARBON TETRACHLORIDE	10.28	117	273870	9.72	PPBV	100
34) 1,2-DICHLOROETHANE	9.49	62	99612	9.28	PPBV	99
36) BENZENE	10.15	78	158128	8.45	PPBV	100
37) CYCLOHEXANE	10.39	84	83753	10.11	PPBV	100
38) TRICHLOROETHYLENE	11.15	95	94223	9.04	PPBV	99
39) 1,2-DICHLOROPROPANE	10.94	63	52205	8.86	PPBV	98
40) BROMODICHLOROMETHANE	11.13	83	173835	9.09	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.15	57	263795	8.99	PPBV	99
42) 1,4-DIOXANE	11.26	88	25068	7.03	PPBV	87
43) HEPTANE	11.38	43	83940	10.48	PPBV	99
44) METHYL ISOBUTYL KETONE	12.08	43	92920	8.40	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10166.D
Acq On : 30 Apr 2007 10:12 am
Operator : danat
Sample : CC525-10 (M050)
Misc : MS13445, MSJ526,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 30 14:42:59 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Apr 27 09:59:19 2007
Response via : Initial Calibration

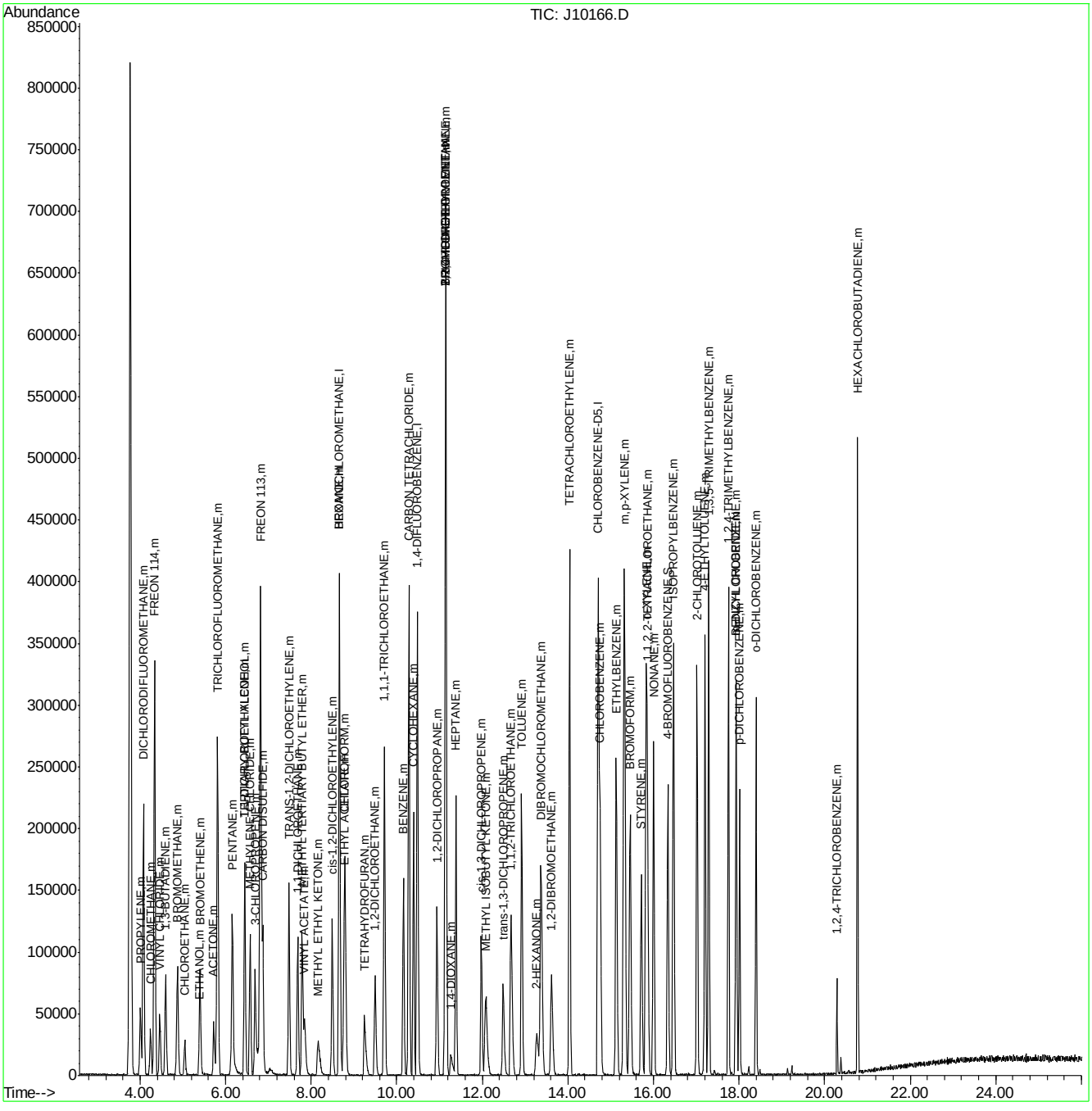
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) cis-1,3-DICHLOROPROPENE	11.98	75	80263	7.95	PPBV	100
46) TOLUENE	12.92	92	120419	9.54	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.49	75	70470	8.64	PPBV	100
48) 1,1,2-TRICHLOROETHANE	12.67	83	60168	9.14	PPBV	100
50) 2-HEXANONE	13.27	43	66003m	6.54	PPBV	
51) TETRACHLOROETHYLENE	14.04	164	110180	8.82	PPBV	97
52) DIBROMOCHLOROMETHANE	13.37	129	177897	8.61	PPBV	100
53) 1,2-DIBROMOETHANE	13.62	107	104060	7.39	PPBV	100
54) CHLOROBENZENE	14.75	112	164992	7.95	PPBV	98
55) ETHYLBENZENE	15.13	91	280790	9.42	PPBV	100
56) m,p-XYLENE	15.32	106	224206	18.74	PPBV	87
57) o-XYLENE	15.82	106	115662	9.79	PPBV	97
58) STYRENE	15.71	104	124673	7.69	PPBV	99
59) NONANE	16.00	43	119422	10.19	PPBV	99
60) BROMOFORM	15.46	173	174231	8.14	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.86	83	153412m	7.90	PPBV	
63) ISOPROPYLBENZENE	16.47	105	344777	9.45	PPBV	100
64) 2-CHLOROTOLUENE	17.01	91	226241	8.85	PPBV	100
65) 4-ETHYLTOLUENE	17.20	105	286747	9.61	PPBV	100
66) 1,3,5-TRIMETHYLBENZENE	17.29	105	276081	9.13	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.75	105	233435	8.28	PPBV	99
68) m-DICHLOROBENZENE	17.94	146	127943	5.67	PPBV	99
69) BENZYL CHLORIDE	17.92	91	90534	4.74	PPBV	100
70) p-DICHLOROBENZENE	18.01	146	103593	4.76	PPBV	96
71) o-DICHLOROBENZENE	18.39	146	125278	8.01	PPBV	99
72) HEXACHLOROBUTADIENE	20.77	225	84791	3.69	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.29	180	22139	2.08	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10166.D
Acq On : 30 Apr 2007 10:12 am
Operator : danat
Sample : CC525-10 (M050)
Misc : MS13445, MSJ526,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 30 14:42:59 2007
Quant Method : C:\MSDCHEM\1\METHODS\J042607T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Apr 27 09:59:19 2007
Response via : Initial Calibration

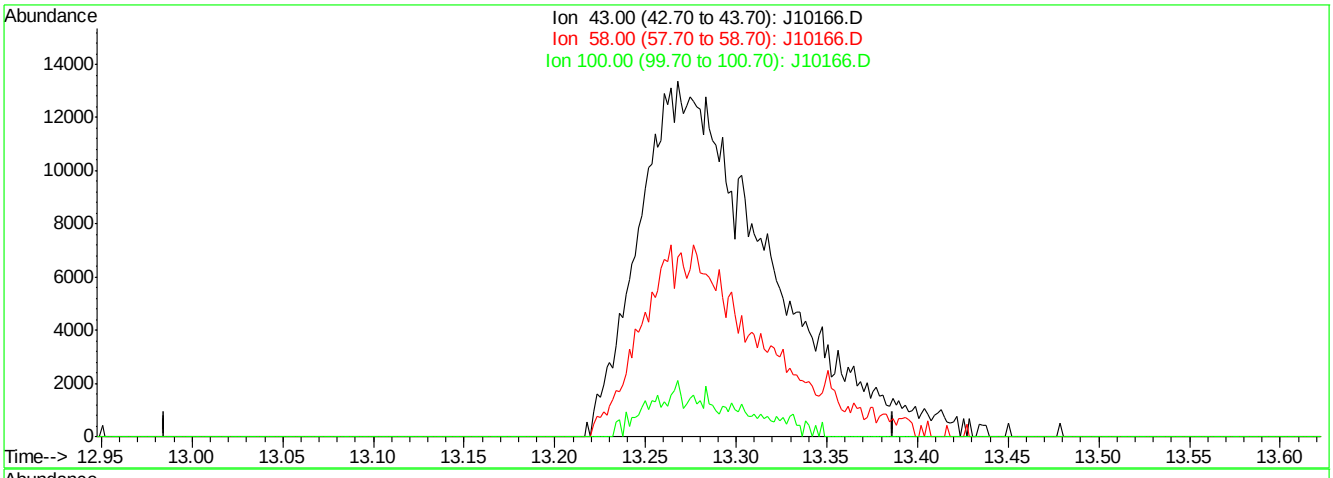


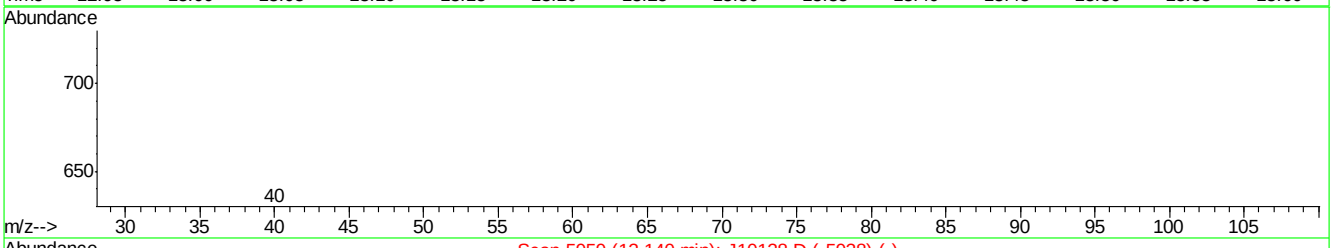
Quantitation Report (Qedit)

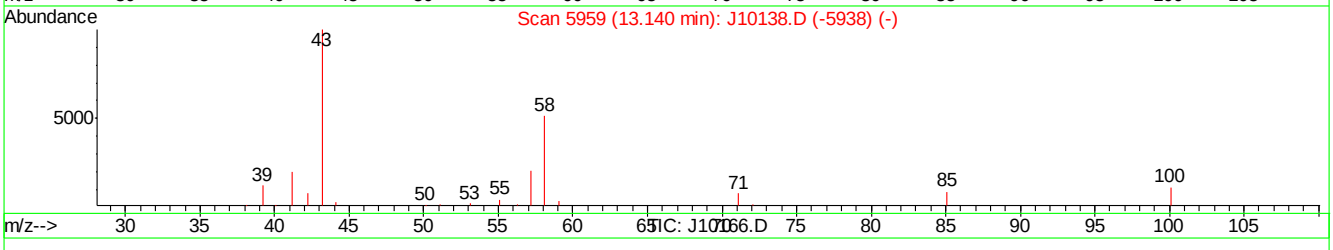
Data File : C:\MSDChem\1\data\J10166.D Vial: 2
Acq On : 30 Apr 2007 10:12 am Operator: danat
Sample : CC525-10 (M050) Inst : MSJ
Misc : MS13445, MSJ526,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 30 10:46:28 2007 Results File: J042607T.RES

Method : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Apr 27 09:59:19 2007
Response via : Multiple Level Calibration







(50) 2-HEXANONE (m)

13.14min 0.00PPBV

response 0

Ion	Exp%	Act%
43.00	100	0.00
58.00	51.80	0.00#
100.00	11.10	0.00
0.00	0.00	0.00

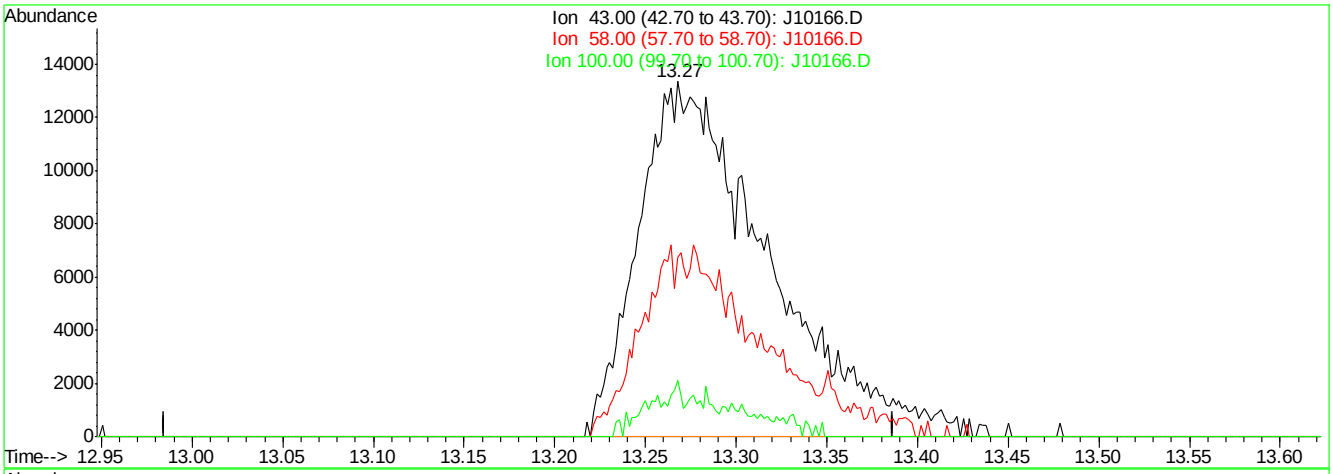
J10166.D J042607T.M Mon Apr 30 14:42:17 2007

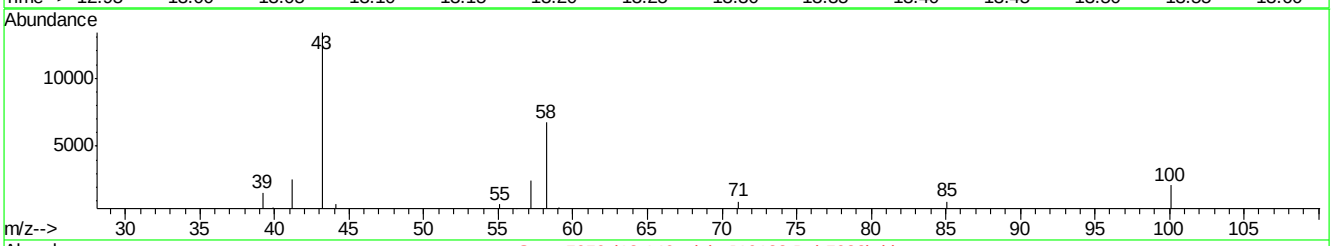
Quantitation Report (Qedit)

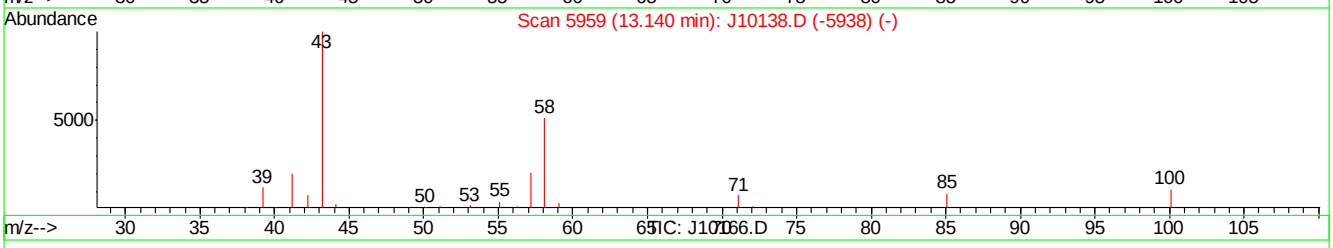
Data File : C:\MSDChem\1\data\J10166.D Vial: 2
Acq On : 30 Apr 2007 10:12 am Operator: danat
Sample : CC525-10 (M050) Inst : MSJ
Misc : MS13445, MSJ526,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 30 10:46:28 2007 Results File: J042607T.RES

Method : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Apr 27 09:59:19 2007
Response via : Multiple Level Calibration







(50) 2-HEXANONE (m)

13.27min 6.54PPBV m

response 66003

Ion	Exp%	Act%
43.00	100	100
58.00	51.80	0.00#
100.00	11.10	0.00
0.00	0.00	0.00

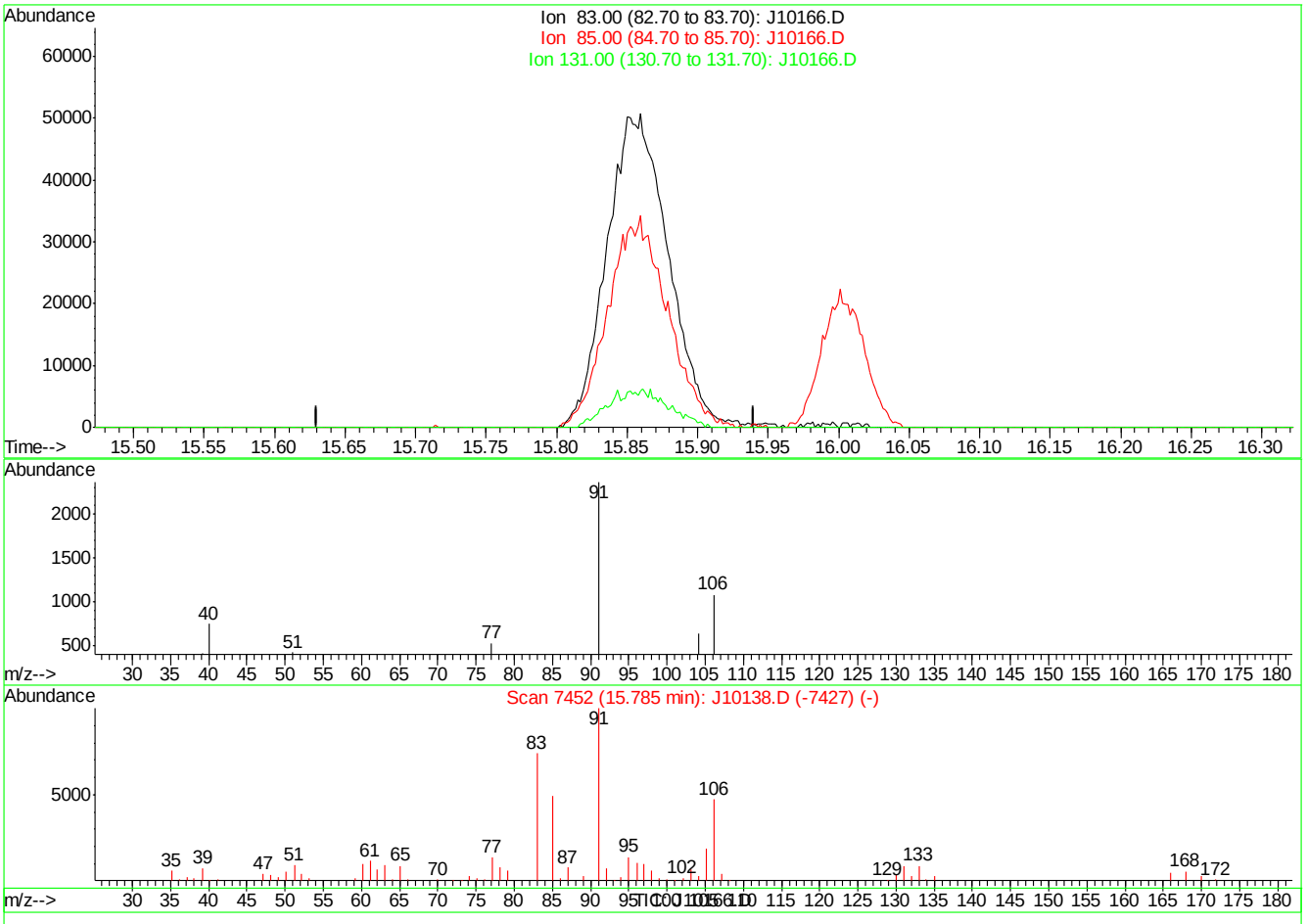
J10166.D J042607T.M Mon Apr 30 14:42:37 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10166.D Vial: 2
Acq On : 30 Apr 2007 10:12 am Operator: danat
Sample : CC525-10 (M050) Inst : MSJ
Misc : MS13445, MSJ526,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 30 10:46:28 2007 Results File: J042607T.RES

Method : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Apr 27 09:59:19 2007
Response via : Multiple Level Calibration



(62) 1,1,2,2-TETRACHLOROETHANE (m)

15.79min 0.00PPBV

response 0

Ion	Exp%	Act%
83.00	100	0.00
85.00	64.90	0.00#
131.00	12.00	0.00
0.00	0.00	0.00

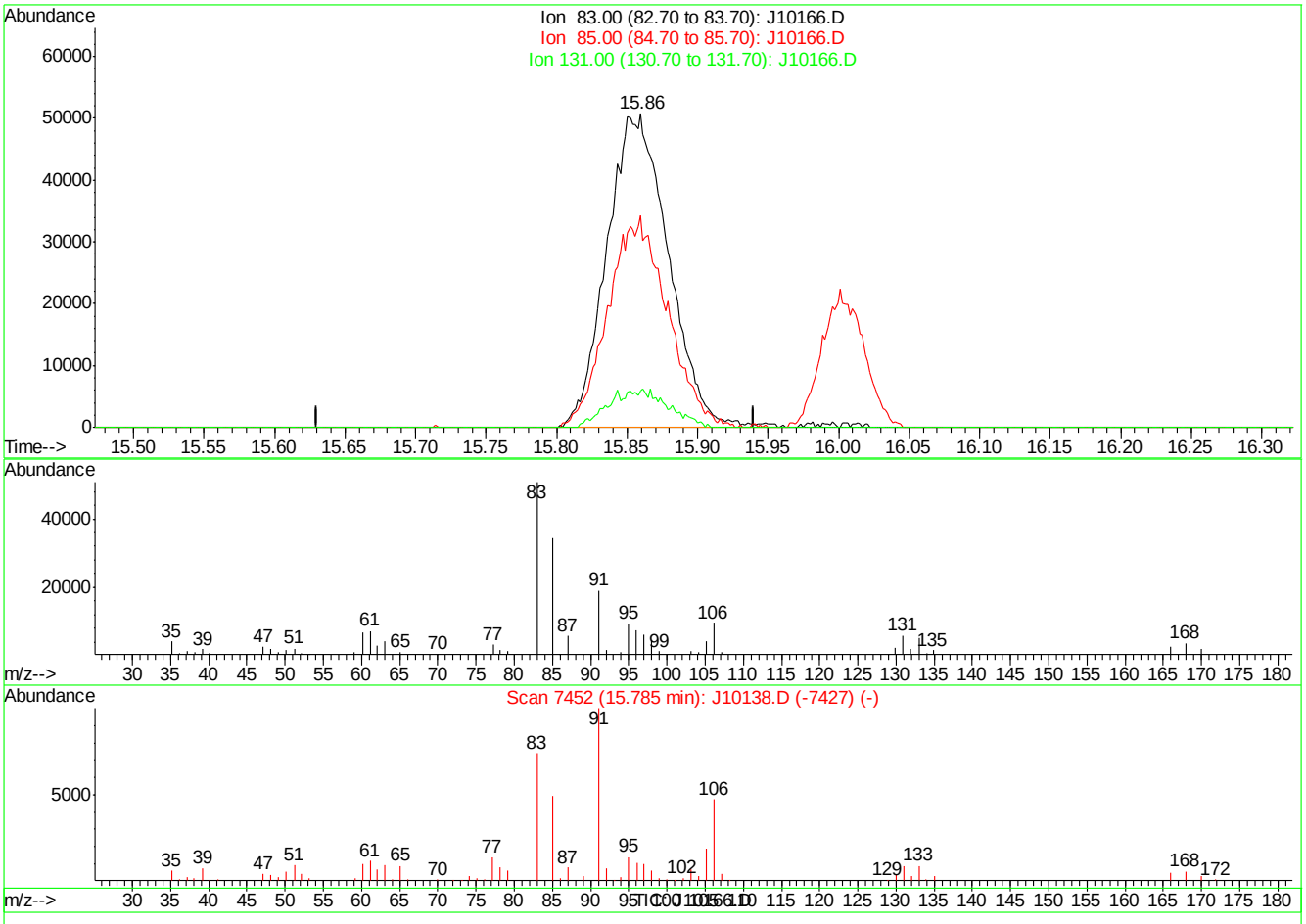
J10166.D J042607T.M Mon Apr 30 14:42:53 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10166.D Vial: 2
Acq On : 30 Apr 2007 10:12 am Operator: danat
Sample : CC525-10 (M050) Inst : MSJ
Misc : MS13445, MSJ526,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Apr 30 10:46:28 2007 Results File: J042607T.RES

Method : C:\MSDCHEM\1\METHODS\J042607T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Apr 27 09:59:19 2007
Response via : Multiple Level Calibration



(62) 1,1,2,2-TETRACHLOROETHANE (m)

15.86min 7.90PPBV m

response 153412

Ion	Exp%	Act%
83.00	100	100
85.00	64.90	0.00#
131.00	12.00	0.00
0.00	0.00	0.00

J10166.D J042607T.M Mon Apr 30 14:43:02 2007

ACCUTEST Laboratories M64245

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.

ACCUTEST Laboratories M64245

Standard Lot #	
Calib STD 1	MSA304
Calib STD 2	MSA308
ICV	MSA307
Inter/Surr STD	MSA218
BS/BSD	MSA307

File ID	
Tune File 1	J9973.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 4-11-07

Date:	4/10/2007
Analyst:	PHILIPB
Batch ID:	msj516
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	4/12/2007 5:37:15 PM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
J9973	CC513-10	M119	MSA307	VTO15STD	4		1	NA	O.K.; BFB
J9973A	BS	M119	MSA307	VTO15STD	4		1	NA	O.K.
J9976	BLK	M049	MS13352	VTO15STD	2		1	NA	Carry over
J9975	MB	M049	MS13352	VTO15STD	2		1	NA	O.K.
J9976	M63914-1	M070	MS13352	VTO15STD	3		1	MC019	Re-run 50X
J9977	M-1	M049	MS13352	VTO15STD	3		1	NA	O.K.
J9978	M63314-1	D032	MS13352	VTO15STD	3		50	MC019	Re-run 250X
J9979	M63314-1	D032	MS13352	VTO15STD	3		250	MC019	Report with J9976.D & J9978.D
J9980	M63314-2	M039	MS13352	VTO15STD	4		10	MC030	Re-run 100X
J9981	M63314-3	M047	MS13352	VTO15STD	5		10	MC094	Re-run 100X
J9982	M63314-4	M141	MS13352	VTO15STD	6		10	MC008	Re-run 2X
J9983	M63314-5	M069	MS13352	VTO15STD	7		10	MC049	Re-run 2X
J9984	M63314-5	M069	MS13352	VTO15STD	7		10	MC049	Run not reported
J9985	M63317-1	M100	MS13352	VTO15STD	8		10	MC016	O.K.
J9986	M-2	M042	MS13352	VTO15STD	9		1	NA	O.K.
J9987	M-3	M008	MS13352	VTO15STD	10		1	NA	O.K.
J9988	M-4	M015	MS13352	VTO15STD	11		1	NA	O.K.
J9989	M-5	M038	MS13352	VTO15STD	12		1	NA	O.K.
J9990	M-6	M066	MS13352	VTO15STD	13		1	NA	O.K.
J9991	BLK	M041	MS13352	VTO15STD	14		1	NA	O.K.
J9992	M-7	M121	MS13352	VTO15STD	15		1	NA	O.K.
J9993	M-8	M142	MS13352	VTO15STD	16		1	NA	O.K.
J9994	M63917-1DUP	M100	MS13352	VTO15STD	8		1	MC016	O.K.
J9995	M63915-1	M153	MS13352	VTO15STD	9		1	MC032	ISTD #2 Low; re-run
J9996	BLK	M041	MS13352	VTO15STD	14		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	MSA326
Calib STD 2	MSA327
ICV	MSA324/MSA320
Inter/Surr STD	MSA218
BS/BSD	MSA320

File ID	
Tune File 1	MSA10136
Tune File 2	MSA10145
Initial Cal.	4/26/07
ID FILE	J042607T.M
Instrument ID	J
ICAL:	J10146
Column Type:	RTX-1
Sequence Verified By:	DT 4/27/07

Date:	4/26/2007
Analyst:	DANAT
Batch ID:	msj525
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	5/1/2007 5:55:47 PM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
J10134	CC522-10	m013	MSA323		4		1		Re-run , check fails.
J10135	CC522-10	m013	MSA323		4		1		Re-calibrate , check fails again.
J10136	IC525-40	m132	MSA326		4		1		Internals high , re-run.
J10137	IC525-20	m132	MSA326		4		1		
J10138	ICC525-10	m132	MSA326		4		1		
J10139	IC525-5	m132	MSA326		4		1		
J10140	IC525-2	m161	MSA327		3		1		
J10141	IC525-0.5	m161	MSA327		3		1		
J10142	IC525-0.2	m161	MSA327		3		1		Chloroethane missing , re-run.
J10143	IC525-40	m132	MSA326		4		1		
J10144	IC525-0.2	m161	MSA327		3		1		
J10145	ICV525-10	m070	MSA324		2		1		ICV fails , re-run using different standard.
J10146	ICV525-10	m050	MSA320		2		1		
J10146a	CC525-10	m050	MSA320		2		1		
J10146b	BS	m050	MSA320		2		1		
J10147	MB	m057			5		1		Re-run using different can , hits present.
J10148	MB	m073			5		1		
J10149	M64244-8	m008	MS13445	VTO15STD	10		1		
J10150	M64244-7	m019	MS13445	VTO15STD	11		1		
J10151	M64244-6	m136	MS13445	VTO15STD	12		1		
J10152	M64244-6DUP	m136	MS13445	VTO15STD	12		1		
J10153	M64244-1	m007	MS13445	VTO15STD	6		1		
J10154	M64244-2	m130	MS13445	VTO15STD	7		1		
J10155	M64244-3	m095	MS13445	VTO15STD	8		1		
J10156	M64244-4	m058	MS13445	VTO15STD	9		1		
J10157	M64244-5	m053	MS13445	VTO15STD	13		1		
J10158	M64242-2	m024	MS13445	VTO15STD	3		1		
J10159	M64243-1	m133	MS13445	VTO15STD	4		1		
J10160	M64243-2	m079	MS13445	VTO15STD	10		1		
J10161	M64240-2	m117	MS13445	VTO15STD	14		1		Re-run @ 1000x , over calibration.
J10162	M64241-1	m009	MS13445	VTO15STD	15		1		Do not report, possible carry over
J10163	M64241-2	m108	MS13445	VTO15STD	16		1		Do not report, possible carry over

Standard Lot #	
Calib STD 1	MSA320
Calib STD 2	NA
ICV	NA
Inter/Surr STD	MSA218
BS/BSD	MSA320

File ID	
Tune File 1	J10165
Tune File 2	NA
Initial Cal.	4/30/07
ID FILE	J043007T.M
Instrument ID	J
ICAL:	
Column Type:	RTX-1
Sequence Verified By:	DT 4/30/07

Date:	4/30/2007
Analyst:	DT
Batch ID:	MSJ526
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	5/1/2007 5:56:18 PM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
J10164	BLANK	M073			3		1		
J10165	CC525-10	M050	MSA320		2		1		Re-run , no responses because of closed valve.
J10166	CC525-10	M050	MSA320		2		1		
J10166A	BS	M050	MSA320		2		1		
J10167	MB	M073			3		1		
J10168	MB	M073			3		1		
J10169	M64241-1	M009	MS13445	VTO15STD	4		1	mc091	
J10170	M64241-2	M108	MS13445	VTO15STD	5		1	mc072	
J10171	M64240-2	M180	MS13445	VTO15STD	6		1000	mc075	Re-run @ 100x , too dilute.
J10172	M64241-1DUP	M009	MS13445	VTO15STD	4		1	mc091	
J10173	M64240-2	M187	MS13445	VTO15STD	6		100	mc075	
J10174	M64245-1	M049	MS13460	VTO15STD	7		1	mc039	
J10175	M64245-2	M138	MS13460	VTO15STD	8		1	mc038	
J10176	M64246-1	M028	MS13460	VTO15STD	9		1	mc045	
J10177	M64247-1	M140	MS13460	VTO15STD	10		1	mc090	
J10178	M64318-1	M155	MS13460	VTO15STD	11		1	mc030	
J10179	M64318-2	M089	MS13460	VTO15STD	12		1	mc001	Re-run , internal standards high.
J10180	M64319-1	M021	MS13460	VTO15STD	13		1	mc122	
J10181	M64386-2	m121	MS13460	VTO15STD	14		1	mc078	