New England ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

07/03/07

Technical Report for

GEI Consultants, Inc.

Indoor & Outdoor Air Samples Tufts St., Somerville MA

045162

Accutest Job Number: M65798

Sampling Date: 06/21/07

Report to:

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

ATTN: Raymond Siegener, Ph.D.

Total number of pages in report: **247**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Kristen Blanchard 508-481-6200

Certifications: MA (M-MA136) CT (PH-0109) NH (250204) RI (00071) ME (MA136) FL (E87579) NY (23346) NJ (MA926) NAVY USACE

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Test results relate only to samples analyzed.

Table of Contents

-1-

Section 1: Sample Summary **3**
Section 2: Case Narrative/Conformance Summary **4**
Section 3: Sample Results **5**
3.1: M65798-1: 045162-19KNOW-SS2 6
Section 4: Misc. Forms **7**
4.1: Chain of Custody 8
4.2: Summa Canister and Flow Controller Log 10
4.3: Sample Tracking Chronicle 11
Section 5: GC/MS Volatiles - QC Data Summaries **12**
5.1: Method Blank Summary 13
5.2: Blank Spike Summary 15
5.3: Duplicate Summary 17
5.4: Summa Cleaning Certification 18
5.5: Instrument Performance Checks (BFB) 19
5.6: Internal Standard Area Summaries 23
5.7: Initial Calibration RT/ISTD Area Summaries 25
5.8: Surrogate Recovery Summaries 53
5.9: Initial and Continuing Calibration Summaries 54
Section 6: GC/MS Volatiles - Raw Data **72**
6.1: Samples 73
6.2: Method Blanks 76
6.3: Blank Spikes 85
6.4: Duplicates 93
6.5: Summa Cleaning Certifications 109
6.6: Instrument Performance Checks (BFB) 111
6.7: Initial and Continuing Calibarations 133
6.8: Instrument Run Logs 244

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Sample Summary

GEI Consultants, Inc.

Job No: M65798

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

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
M65798-1	06/21/07	16:27	SLS	06/22/07	AIR	Air	045162-19KNOW-SS2
M65798-2	06/21/07	00:00	SLS	06/22/07	AIR	Air	M099

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	GEI Consultants, Inc.	**Job No**	M65798
Site:	Indoor & Outdoor Air Samples Tufts St., Somerville MA	**Report Date**	7/3/2007 12:51:16 PM

1 Sample was collected on 06/21/2007 and were received at Accutest on 06/22/2007. These Samples received an Accutest job number of M65798. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report. One summa canstier returned.

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:** MSJ558

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M65576-1DUP 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(M65798).

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-19KNOW-SS2		
Lab Sample ID:	M65798-1	**Date Sampled:**	06/21/07
Matrix:	AIR - Air Summa ID: M151	**Date Received:**	06/22/07
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	J10804.D	1	06/27/07	DFT	n/a	n/a	MSJ558
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	2.7	0.20	ppbv		18	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	96%		57-139%

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

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

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

ACCUTEST Laboratories

CHAIN OF CUSTODY

Air Sampling Field Data Sheet

FED-EX Tracking #: | Bottle Order Control #: | Lab Quote #: | Lab Job #: M65798

Client / Reporting Information

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

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

Weather Parameters

Temperature (Fahrenheit) Start: 81.8 Maximum: Stop: 81.8 Minimum:
Atmospheric Pressure (inches of Hg) Start: 29.80 Maximum: Stop: 29.74 Minimum:
Other weather comment:

Sampler(s) Name(s): Samantha Slater

Lab Sample #	Field ID / Point of Collection	Air Type: Indoor(I) Soil Vap(SV) Ambient(A)	Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Start Date	Start Time (24hr clock)	Start Canister Pressure ("Hg)	Start Interior Temp (F)	Start Sampler Init.	Stop Date	Stop Time (24hr clock)	Stop Canister Pressure ("Hg)	Stop Interior Temp (F)	Stop Sampler Init.	Standard TO-15 Reporting List	MA DEP APH
M65798-1	045162-19know-SS2	SV	M151	6L	MFC023	6/21/07	1327	30	/	SLS	6/21/07	1627	3	/	SLS		
~~M65798-2~~	please see note >>																

Turnaround Time / Business days

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

Approved By:
Date:

Data Deliverable Information

Comm A
Comm B
Full T1
Other:

Comments / Remarks

summa = M099 seemed to be open already when I put the regulator on (MC110) please take and chan.

See attached list

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

Relinquished by Laboratory:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		1	2 GEI Lab	6/21/07 0815	2 Samantha Slater
3 Samantha Slater	6/21/07 1715	3 GEI Lab	4 GEI lab	6-22-07 1700	4 Olga Takarkhan
5 Olga Takarkhan	6/22/07 19:00	5 Olga Takarkhan	Custody Seal #		

Loc Ambient

SM013-01 (07/14/06)

M65798: Chain of Custody
Page 1 of 2

Substab

~~Indoor~~ Air Sampling Analyte List

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

Summa Canister and Flow Controller Log

Job Number: M65798
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA
Received: 06/22/07

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
M151	6	29.4	06/15/07	PB	CP429	Q3730.D	M65798-1	06/27/07	DFT	1			1

FLOW CONTROLLERS

Shipping					Receiving		
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min
MC023	06/15/07	PB	80	1	06/26/07	DFT	35

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

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

Internal Sample Tracking Chronicle

GEI Consultants, Inc.

Job No: M65798

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

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M65798-1	Collected: 21-JUN-07 16:27 By: SLS		Received: 22-JUN-07 By: SAP			
045162-19KNOW-SS2						
M65798-1	TO-15	27-JUN-07 22:19	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: M65798
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
MSJ558-MB	J10796.D	1	06/27/07	DFT	n/a	n/a	MSJ558

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

M65798-1

CAS No.	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	ppbv		ND	1.3	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
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	93%	57-139%

Method Blank Summary

Job Number: M65798
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
MSJ548-MB	J10589.D	1	06/07/07	DFT	n/a	n/a	MSJ548

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

MSJ548-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	100%	57-139%

Blank Spike Summary

Job Number: M65798
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
MSJ558-BS	J10794A.D	1	06/27/07	DFT	n/a	n/a	MSJ558

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

M65798-1

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	9.4	94	70-130
75-34-3	1,1-Dichloroethane	10	8.9	89	70-130
75-35-4	1,1-Dichloroethylene	10	8.9	89	70-130
107-06-2	1,2-Dichloroethane	10	9.1	91	70-130
156-60-5	trans-1,2-Dichloroethylene	10	9.0	90	70-130
156-59-2	cis-1,2-Dichloroethylene	10	9.0	90	70-130
71-55-6	1,1,1-Trichloroethane	10	8.8	88	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	11.1	111	70-130
79-00-5	1,1,2-Trichloroethane	10	9.7	97	70-130
127-18-4	Tetrachloroethylene	10	10.0	100	70-130
79-01-6	Trichloroethylene	10	10	100	70-130
75-01-4	Vinyl chloride	10	9.0	90	70-130

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

Blank Spike Summary

Job Number: M65798
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
MSJ548-BS	J10587B.D	1	06/07/07	DFT	n/a	n/a	MSJ548

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

MSJ548-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	11.2	112	70-130
56-23-5	Carbon tetrachloride	10	11.0	110	70-130
75-34-3	1,1-Dichloroethane	10	10.3	103	70-130
75-35-4	1,1-Dichloroethylene	10	11.4	114	70-130
107-06-2	1,2-Dichloroethane	10	10	100	70-130
156-60-5	trans-1,2-Dichloroethylene	10	11.1	111	70-130
156-59-2	cis-1,2-Dichloroethylene	10	10.7	107	70-130
71-55-6	1,1,1-Trichloroethane	10	10.2	102	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	9.9	99	70-130
79-00-5	1,1,2-Trichloroethane	10	10.1	101	70-130
127-18-4	Tetrachloroethylene	10	10.4	104	70-130
79-01-6	Trichloroethylene	10	10.2	102	70-130
75-01-4	Vinyl chloride	10	11.6	116	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	104%	57-139%

Duplicate Summary

Job Number: M65798
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
M65576-1DUP	J10799.D	500	06/27/07	DFT	n/a	n/a	MSJ558
M65576-1	J10797.D	500	06/27/07	DFT	n/a	n/a	MSJ558
M65576-1	J10798.D	2000	06/27/07	DFT	n/a	n/a	MSJ558

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

M65798-1

CAS No.	Compound	M65576-1 ppbv	Q	DUP ppbv	Q	RPD	Limits
75-00-3	Chloroethane	ND		ND		nc	25
56-23-5	Carbon tetrachloride	ND		ND		nc	25
75-34-3	1,1-Dichloroethane	ND		ND		nc	25
75-35-4	1,1-Dichloroethylene	ND		ND		nc	25
107-06-2	1,2-Dichloroethane	ND		ND		nc	25
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	25
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	25
71-55-6	1,1,1-Trichloroethane	138		122		12	25
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	25
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	25
127-18-4	Tetrachloroethylene	ND		ND		nc	25
79-01-6	Trichloroethylene	ND		ND		nc	25
75-01-4	Vinyl chloride	ND		ND		nc	25

CAS No.	Surrogate Recoveries	DUP	M65576-1	M65576-1	Limits
460-00-4	4-Bromofluorobenzene	116%	111%	86%	57-139%

Summa Cleaning Certification

Job Number: M65798
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
MSJ548-SCC	J10589A.D	1	06/07/07	DFT	n/a	n/a	MSJ548

The QC reported here (Summa M151) applies to the following samples: **Method:** TO-15

Batch CP429 cleaned 06/05/07: M65798-1(M151)

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	100%	57-139%

Instrument Performance Check (BFB)

Job Number: M65798
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSJ548-BFB
Lab File ID: J10580.D
Instrument ID: GCMSJ
Injection Date: 06/07/07
Injection Time: 09:39

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	48352	18.6		Pass
75	30.0 - 66.0% of mass 95	122221	46.9		Pass
95	Base peak, 100% relative abundance	260629	100.0		Pass
96	5.0 - 9.0% of mass 95	17365	6.7		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	267626	102.7		Pass
175	4.0 - 9.0% of mass 174	14306	5.5	(5.3) [a]	Pass
176	93.0 - 101.0% of mass 174	257984	99.0	(96.4) [a]	Pass
177	5.0 - 9.0% of mass 176	15568	6.0	(6.0) [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
MSJ548-IC548	J10580.D	06/07/07	09:39	00:00	Initial cal 0.5
MSJ548-IC548	J10581.D	06/07/07	10:30	00:51	Initial cal 0.2
MSJ548-IC548	J10582.D	06/07/07	11:22	01:43	Initial cal 2
MSJ548-IC548	J10583.D	06/07/07	12:16	02:37	Initial cal 5
MSJ548-ICC548	J10584.D	06/07/07	14:01	04:22	Initial cal 10
MSJ548-IC548	J10585.D	06/07/07	14:55	05:16	Initial cal 20
MSJ548-IC548	J10586.D	06/07/07	15:51	06:12	Initial cal 40
MSJ548-ICV548	J10587.D	06/07/07	16:48	07:09	Initial cal verification 10

Instrument Performance Check (BFB)

Job Number: M65798
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSJ548-BFB
Lab File ID: J10587A.D
Instrument ID: GCMSJ
Injection Date: 06/07/07
Injection Time: 16:48

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	39509	17.0		Pass
75	30.0 - 66.0% of mass 95	107081	46.1		Pass
95	Base peak, 100% relative abundance	232049	100.0		Pass
96	5.0 - 9.0% of mass 95	15734	6.8		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	240270	103.5		Pass
175	4.0 - 9.0% of mass 174	12172	5.2	(5.1) [a]	Pass
176	93.0 - 101.0% of mass 174	234552	101.1	(97.6) [a]	Pass
177	5.0 - 9.0% of mass 176	15830	6.8	(6.7) [b]	Pass

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSJ548-CC548	J10587A.D	06/07/07	16:48	00:00	Continuing cal 10
MSJ548-BS	J10587B.D	06/07/07	16:48	00:00	Blank Spike
MSJ548-MB	J10589.D	06/07/07	18:41	01:53	Method Blank
MSJ548-SCC	J10589A.D	06/07/07	18:41	01:53	Summa Cleaning Certification
M65248-1	J10590.D	06/07/07	19:35	02:47	(used for QC only; not part of job M65798)
M65248-1DUP	J10591.D	06/07/07	20:28	03:40	Duplicate
ZZZZZZ	J10592.D	06/07/07	21:22	04:34	(unrelated sample)
ZZZZZZ	J10593.D	06/07/07	22:12	05:24	(unrelated sample)
ZZZZZZ	J10594.D	06/07/07	23:03	06:15	(unrelated sample)
ZZZZZZ	J10595.D	06/07/07	23:54	07:06	(unrelated sample)
MSJ548-SCC	J10596.D	06/08/07	00:44	07:56	Summa Cleaning Certification
MSJ548-SCC	J10597.D	06/08/07	01:34	08:46	Summa Cleaning Certification
MSJ548-SCC	J10598.D	06/08/07	08:56	16:08	Summa Cleaning Certification
MSJ548-SCC	J10599.D	06/08/07	09:47	16:59	Summa Cleaning Certification
MSJ548-SCC	J10600.D	06/08/07	10:38	17:50	Summa Cleaning Certification
ZZZZZZ	J10601.D	06/08/07	11:33	18:45	(unrelated sample)
ZZZZZZ	J10602.D	06/08/07	12:24	19:36	(unrelated sample)
ZZZZZZ	J10606.D	06/08/07	16:02	23:14	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: M65798
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSJ557-BFB
Lab File ID: J10757.D
Instrument ID: GCMSJ
Injection Date: 06/25/07
Injection Time: 10:16

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	46130	19.5		Pass
75	30.0 - 66.0% of mass 95	119232	50.5		Pass
95	Base peak, 100% relative abundance	236096	100.0		Pass
96	5.0 - 9.0% of mass 95	16112	6.8		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	232533	98.5		Pass
175	4.0 - 9.0% of mass 174	13538	5.7	(5.8) [a]	Pass
176	93.0 - 101.0% of mass 174	222378	94.2	(95.6) [a]	Pass
177	5.0 - 9.0% of mass 176	15745	6.7	(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
MSJ557-IC557	J10757.D	06/25/07	10:16	00:00	Initial cal 0.5
MSJ557-IC557	J10758.D	06/25/07	11:05	00:49	Initial cal 0.2
MSJ557-IC557	J10760.D	06/25/07	12:42	02:26	Initial cal 40
MSJ557-IC557	J10761.D	06/25/07	13:59	03:43	Initial cal 20
MSJ557-ICC557	J10762.D	06/25/07	14:46	04:30	Initial cal 10
MSJ557-IC557	J10763.D	06/25/07	15:34	05:18	Initial cal 5
MSJ557-IC557	J10765.D	06/25/07	17:14	06:58	Initial cal 2

Instrument Performance Check (BFB)

Job Number: M65798
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSJ558-BFB
Lab File ID: J10794.D
Instrument ID: GCMSJ
Injection Date: 06/27/07
Injection Time: 12:22

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	39070	19.9		Pass
75	30.0 - 66.0% of mass 95	97970	49.8		Pass
95	Base peak, 100% relative abundance	196655	100.0		Pass
96	5.0 - 9.0% of mass 95	14138	7.2		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	193323	98.3		Pass
175	4.0 - 9.0% of mass 174	7988	4.1	(4.1) [a]	Pass
176	93.0 - 101.0% of mass 174	189057	96.1	(97.8) [a]	Pass
177	5.0 - 9.0% of mass 176	13057	6.6	(6.9) [b]	Pass

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSJ558-CC557	J10794.D	06/27/07	12:22	00:00	Continuing cal 10
MSJ558-BS	J10794A.D	06/27/07	12:22	00:00	Blank Spike
MSJ558-MB	J10796.D	06/27/07	14:04	01:42	Method Blank
MSJ558-SCC	J10796A.D	06/27/07	14:04	01:42	Summa Cleaning Certification
M65576-1	J10797.D	06/27/07	14:49	02:27	(used for QC only; not part of job M65798)
M65576-1	J10798.D	06/27/07	15:36	03:14	(used for QC only; not part of job M65798)
M65576-1DUP	J10799.D	06/27/07	16:23	04:01	Duplicate
ZZZZZZ	J10800.D	06/27/07	17:11	04:49	(unrelated sample)
ZZZZZZ	J10802.D	06/27/07	20:09	07:47	(unrelated sample)
ZZZZZZ	J10803.D	06/27/07	21:17	08:55	(unrelated sample)
M65798-1	J10804.D	06/27/07	22:19	09:57	045162-19KNOW-SS2
ZZZZZZ	J10805.D	06/28/07	08:55	20:33	(unrelated sample)
ZZZZZZ	J10807.D	06/28/07	10:41	22:19	(unrelated sample)
ZZZZZZ	J10808.D	06/28/07	11:37	23:15	(unrelated sample)

Volatile Internal Standard Area Summary

Job Number: M65798
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Check Std:	MSJ548-CC548	**Injection Date:**	06/07/07
Lab File ID:	J10587A.D	**Injection Time:**	16:48
Instrument ID:	GCMSJ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	350642	8.63	1587599	10.45	1421456	14.68
Upper Limit [a]	490899	8.96	2222639	10.78	1990038	15.01
Lower Limit [b]	210385	8.30	952559	10.12	852874	14.35

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSJ548-MB	349729	8.62	1565972	10.43	1349596	14.66
MSJ548-SCC	349729	8.62	1565972	10.43	1349596	14.66
M65248-1	324788	8.62	1414932	10.43	1250626	14.66
M65248-1DUP	303894	8.61	1248309	10.42	1124442	14.66
ZZZZZZ	309729	8.62	1291951	10.43	1129523	14.67
ZZZZZZ	292544	8.62	1237382	10.44	1093356	14.67
ZZZZZZ	265858	8.65	1055948	10.46	1006591	14.69
ZZZZZZ	291569	8.63	1187580	10.45	1077946	14.67
MSJ548-SCC	280730	8.63	1194072	10.44	1079884	14.67
MSJ548-SCC	282837	8.62	1134746	10.43	1047764	14.67
MSJ548-SCC	259370	8.63	877810*	10.44	722109*	14.67
MSJ548-SCC	303065	8.62	1137695	10.43	1026188	14.66
MSJ548-SCC	309500	8.61	1138408	10.43	1004543	14.66
ZZZZZZ	233385	8.63	863523[c]	10.44	815927[c]	14.67
ZZZZZZ	273901	8.62	997028	10.43	911165	14.66
ZZZZZZ	272457	8.62	985320	10.43	846902[c]	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.
(c) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

Volatile Internal Standard Area Summary

Job Number: M65798
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Check Std:	MSJ558-CC557	**Injection Date:**	06/27/07
Lab File ID:	J10794.D	**Injection Time:**	12:22
Instrument ID:	GCMSJ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	448217	8.60	1993423	10.43	1807896	14.68
Upper Limit [a]	627504	8.93	2790792	10.76	2531054	15.01
Lower Limit [b]	268930	8.27	1196054	10.10	1084738	14.35

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSJ558-BS	448217	8.60	1993423	10.43	1807896	14.68
MSJ558-MB	404558	8.53	1710266	10.37	1585199	14.64
MSJ558-SCC	404558	8.53	1710266	10.37	1585199	14.64
M65576-1	414234	8.50	1865820	10.34	2135719	14.64
M65576-1	346041	8.47	1546761	10.32	1438170	14.63
M65576-1DUP	336462	8.48	1475492	10.32	1546927	14.64
ZZZZZZ	323987	8.49	1235116	10.33	1107880	14.63
ZZZZZZ	345968	8.56	1407597	10.39	1256228	14.65
ZZZZZZ	399987	8.56	1378826	10.39	1166085	14.65
M65798-1	357365	8.59	1269019	10.41	1098584	14.66
ZZZZZZ	383193	8.62	1306678	10.43	1100612	14.67
ZZZZZZ	367513	8.62	1364296	10.44	1308763	14.68
ZZZZZZ	389368	8.62	1442474	10.43	1380427	14.66

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: M65798
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	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	Reporting this level
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.69	8.62	0.660	ok	0.658	0.598-0.718
1,3-Butadiene	4.58	8.62	0.531	ok	0.531	0.471-0.591
Benzene	10.12	10.43	0.970	ok	0.969	0.909-1.029
Bromodichloromethane	11.08	10.43	1.062	ok	1.062	1.002-1.122
Bromoform	15.39	14.67	1.049	ok	1.050	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	17.88	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.62	0.795	ok	0.794	0.734-0.854
Chlorobenzene	14.71	14.67	1.003	ok	1.003	0.943-1.063
Chloroethane	5.04	8.62	0.585	ok	0.583	0.523-0.643
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.24	8.62	0.492	ok	0.491	0.431-0.551
3-Chloropropene	6.67	8.62	0.774	ok	0.772	0.712-0.832
2-Chlorotoluene	16.98	14.67	1.157	ok	1.158	1.098-1.218
Carbon tetrachloride	10.26	8.62	1.190	ok	1.190	1.130-1.250
Cyclohexane	10.37	10.43	0.994	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.65	8.62	0.887	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.62	0.746	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.56	14.67	0.924	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.62	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.89	10.43	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.27	10.43	1.081	ok	1.073	1.013-1.133
Dichlorodifluoromethane	4.07	8.62	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.32	14.67	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.46	8.62	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.62	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.93	10.43	1.144	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.90	14.67	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.37	14.67	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.97	14.67	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.44	10.43	1.193	ok	1.192	1.132-1.252
Ethanol	5.29	8.62	0.614	ok	0.607	0.547-0.667
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.71	8.62	1.010	ok	1.010	0.950-1.070
4-Ethyltoluene	17.17	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	4.33	8.62	0.502	ok	0.502	0.442-0.562
Heptane	11.35	10.43	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.67	1.415	ok	1.415	1.355-1.475
Hexane	8.63	8.62	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	Reporting this level
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.20	14.67	0.900	ok	0.899	0.839-0.959
Isopropylbenzene	16.42	14.67	1.119	ok	1.120	1.060-1.180
Isopropyl Alcohol	6.02	8.62	0.698	ok	0.696	0.636-0.756
Methylene chloride	6.56	8.62	0.761	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.11	8.62	0.941	ok	0.938	0.878-0.998
Methyl Isobutyl Ketone	12.02	10.43	1.152	ok	1.151	1.091-1.211
Methyl Tert Butyl Ether	7.77	8.62	0.901	ok	0.899	0.839-0.959
Nonane	15.97	14.67	1.089	ok	1.089	1.029-1.149
Pentane	6.14	8.62	0.712	ok	0.711	0.651-0.771
Propylene	4.01	8.62	0.465	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	10.43	1.210	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.28	14.67	1.382	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.72	14.67	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.25	14.67	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.12	10.43	1.066	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.64	8.62	0.770	ok	0.766	0.706-0.826
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.24	8.62	1.072	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	5.80	8.62	0.673	ok	0.671	0.611-0.731
Vinyl chloride	4.45	8.62	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.81	8.62	0.906	ok	0.905	0.845-0.965
m,p-Xylene	15.28	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	396095	ok	370262	222157-518367
1,4-Difluorobenzene	10.43	ok	10.44	10.11-10.77	1783950	ok	1653951	992371-2315531
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	1514383	ok	1465364	879218-2051510

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	Reporting this level
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.72	8.62	0.664	ok	0.658	0.598-0.718
1,3-Butadiene	4.58	8.62	0.531	ok	0.531	0.471-0.591
Benzene	10.12	10.43	0.970	ok	0.969	0.909-1.029
Bromodichloromethane	11.08	10.43	1.062	ok	1.062	1.002-1.122
Bromoform	15.38	14.67	1.048	ok	1.050	0.990-1.110
Bromomethane	4.86	8.62	0.564	ok	0.563	0.503-0.623
Bromoethene	5.38	8.62	0.624	ok	0.624	0.564-0.684
Benzyl Chloride	17.89	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.62	0.795	ok	0.794	0.734-0.854
Chlorobenzene	14.71	14.67	1.003	ok	1.003	0.943-1.063
Chloroethane	5.03	8.62	0.584	ok	0.583	0.523-0.643
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.24	8.62	0.492	ok	0.491	0.431-0.551
3-Chloropropene	6.67	8.62	0.774	ok	0.772	0.712-0.832
2-Chlorotoluene	16.97	14.67	1.157	ok	1.158	1.098-1.218
Carbon tetrachloride	10.25	8.62	1.189	ok	1.190	1.130-1.250
Cyclohexane	10.37	10.43	0.994	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.66	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	10.89	10.43	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	7.47	8.62	0.867	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.45	8.62	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.93	10.43	1.144	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.90	14.67	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.36	14.67	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.98	14.67	1.226	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.43	10.43	1.192	ok	1.192	1.132-1.252
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.73	8.62	1.013	ok	1.010	0.950-1.070
4-Ethyltoluene	17.16	14.67	1.170	ok	1.170	1.110-1.230
Freon 113	6.79	8.62	0.788	ok	0.787	0.727-0.847
Freon 114	4.32	8.62	0.501	ok	0.502	0.442-0.562
Heptane	11.35	10.43	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.67	1.415	ok	1.415	1.355-1.475
Hexane	8.63	8.62	1.001	ok	1.001	0.941-1.061
2-Hexanone	13.21	14.67	0.900	ok	0.899	0.839-0.959
Isopropylbenzene	16.42	14.67	1.119	ok	1.120	1.060-1.180

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	Reporting this level
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Isopropyl Alcohol	6.07	8.62	0.704	ok	0.696	0.636-0.756
Methylene chloride	6.56	8.62	0.761	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.13	8.62	0.943	ok	0.938	0.878-0.998
Methyl Isobutyl Ketone	12.04	10.43	1.154	ok	1.151	1.091-1.211
Methyl Tert Butyl Ether	7.79	8.62	0.904	ok	0.899	0.839-0.959
Nonane	15.97	14.67	1.089	ok	1.089	1.029-1.149
Pentane	6.13	8.62	0.711	ok	0.711	0.651-0.771
Propylene	4.00	8.62	0.464	ok	0.464	0.404-0.524
Styrene	15.66	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	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.28	14.67	1.382	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.72	14.67	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.24	14.67	1.175	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	6.71	8.62	0.778	ok	0.766	0.706-0.826
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
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	0.671	0.611-0.731
Vinyl chloride	4.44	8.62	0.515	ok	0.516	0.456-0.576
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	370872	ok	370262	222157-518367
1,4-Difluorobenzene	10.43	ok	10.44	10.11-10.77	1637674	ok	1653951	992371-2315531
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	1332043	ok	1465364	879218-2051510

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	Reporting this level
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.66	8.61	0.657	ok	0.658	0.598-0.718
1,3-Butadiene	4.58	8.61	0.532	ok	0.531	0.471-0.591
Benzene	10.11	10.43	0.969	ok	0.969	0.909-1.029
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	5.38	8.61	0.625	ok	0.624	0.564-0.684
Benzyl Chloride	17.88	14.66	1.220	ok	1.219	1.159-1.279
Carbon disulfide	6.84	8.61	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.71	14.66	1.003	ok	1.003	0.943-1.063
Chloroethane	5.02	8.61	0.583	ok	0.583	0.523-0.643
Chloroform	8.73	8.61	1.014	ok	1.014	0.954-1.074
Chloromethane	4.22	8.61	0.490	ok	0.491	0.431-0.551
3-Chloropropene	6.65	8.61	0.772	ok	0.772	0.712-0.832
2-Chlorotoluene	16.98	14.66	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.25	8.61	1.190	ok	1.190	1.130-1.250
Cyclohexane	10.36	10.43	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.65	8.61	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	13.57	14.66	0.926	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	10.89	10.43	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.19	10.43	1.073	ok	1.073	1.013-1.133
Dichlorodifluoromethane	4.06	8.61	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.32	14.66	0.909	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.45	8.61	0.865	ok	0.865	0.805-0.925
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	1.143	1.083-1.203
m-Dichlorobenzene	17.90	14.66	1.221	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.37	14.66	1.253	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.97	14.66	1.226	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.43	10.43	1.192	ok	1.192	1.132-1.252
Ethanol	5.22	8.61	0.606	ok	0.607	0.547-0.667
Ethylbenzene	15.09	14.66	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.68	8.61	1.008	ok	1.010	0.950-1.070
4-Ethyltoluene	17.16	14.66	1.171	ok	1.170	1.110-1.230
Freon 113	6.78	8.61	0.787	ok	0.787	0.727-0.847
Freon 114	4.32	8.61	0.502	ok	0.502	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	1.415	1.355-1.475
Hexane	8.62	8.61	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	Reporting this level
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.17	14.66	0.898	ok	0.899	0.839-0.959
Isopropylbenzene	16.42	14.66	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.95	8.61	0.691	ok	0.696	0.636-0.756
Methylene chloride	6.54	8.61	0.760	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.07	8.61	0.937	ok	0.938	0.878-0.998
Methyl Isobutyl Ketone	11.99	10.43	1.150	ok	1.151	1.091-1.211
Methyl Tert Butyl Ether	7.73	8.61	0.898	ok	0.899	0.839-0.959
Nonane	15.97	14.66	1.089	ok	1.089	1.029-1.149
Pentane	6.13	8.61	0.712	ok	0.711	0.651-0.771
Propylene	4.00	8.61	0.465	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	9.67	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	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.28	14.66	1.383	ok	1.382	1.322-1.442
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	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.11	10.43	1.065	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.55	8.61	0.761	ok	0.766	0.706-0.826
Tetrachloroethylene	14.01	14.66	0.956	ok	0.955	0.895-1.015
Tetrahydrofuran	9.19	8.61	1.067	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	5.78	8.61	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.45	8.61	0.517	ok	0.516	0.456-0.576
Vinyl Acetate	7.79	8.61	0.905	ok	0.905	0.845-0.965
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	8.61	ok	8.62	8.29-8.95	365236	ok	370262	222157-518367
1,4-Difluorobenzene	10.43	ok	10.44	10.11-10.77	1610084	ok	1653951	992371-2315531
Chlorobenzene-D5	14.66	ok	14.67	14.34-15.00	1440404	ok	1465364	879218-2051510

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	Reporting this level
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.65	8.60	0.657	ok	0.658	0.598-0.718
1,3-Butadiene	4.57	8.60	0.531	ok	0.531	0.471-0.591
Benzene	10.11	10.43	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.07	10.43	1.061	ok	1.062	1.002-1.122
Bromoform	15.39	14.67	1.049	ok	1.050	0.990-1.110
Bromomethane	4.85	8.60	0.564	ok	0.563	0.503-0.623
Bromoethene	5.37	8.60	0.624	ok	0.624	0.564-0.684
Benzyl Chloride	17.88	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.83	8.60	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.71	14.67	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.60	0.583	ok	0.583	0.523-0.643
Chloroform	8.73	8.60	1.015	ok	1.014	0.954-1.074
Chloromethane	4.22	8.60	0.491	ok	0.491	0.431-0.551
3-Chloropropene	6.64	8.60	0.772	ok	0.772	0.712-0.832
2-Chlorotoluene	16.97	14.67	1.157	ok	1.158	1.098-1.218
Carbon tetrachloride	10.24	8.60	1.191	ok	1.190	1.130-1.250
Cyclohexane	10.36	10.43	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.63	8.60	0.887	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.41	8.60	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	9.43	8.60	1.097	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	1.073	1.013-1.133
Dichlorodifluoromethane	4.06	8.60	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	8.60	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.44	8.60	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.92	10.43	1.143	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.90	14.67	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.37	14.67	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.97	14.67	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.43	10.43	1.192	ok	1.192	1.132-1.252
Ethanol	5.20	8.60	0.605	ok	0.607	0.547-0.667
Ethylbenzene	15.08	14.67	1.028	ok	1.029	0.969-1.089
Ethyl Acetate	8.68	8.60	1.009	ok	1.010	0.950-1.070
4-Ethyltoluene	17.17	14.67	1.170	ok	1.170	1.110-1.230
Freon 113	6.77	8.60	0.787	ok	0.787	0.727-0.847
Freon 114	4.31	8.60	0.501	ok	0.502	0.442-0.562
Heptane	11.35	10.43	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.67	1.415	ok	1.415	1.355-1.475
Hexane	8.61	8.60	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	Reporting this level
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	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	0.899	0.839-0.959
Isopropylbenzene	16.42	14.67	1.119	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.93	8.60	0.690	ok	0.696	0.636-0.756
Methylene chloride	6.53	8.60	0.759	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.06	8.60	0.937	ok	0.938	0.878-0.998
Methyl Isobutyl Ketone	11.98	10.43	1.149	ok	1.151	1.091-1.211
Methyl Tert Butyl Ether	7.72	8.60	0.898	ok	0.899	0.839-0.959
Nonane	15.97	14.67	1.089	ok	1.089	1.029-1.149
Pentane	6.12	8.60	0.712	ok	0.711	0.651-0.771
Propylene	4.00	8.60	0.465	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	9.67	8.60	1.124	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.78	14.67	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.61	10.43	1.209	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.27	14.67	1.382	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.72	14.67	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.25	14.67	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.11	10.43	1.065	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.53	8.60	0.759	ok	0.766	0.706-0.826
Tetrachloroethylene	14.00	14.67	0.954	ok	0.955	0.895-1.015
Tetrahydrofuran	9.17	8.60	1.066	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	5.78	8.60	0.672	ok	0.671	0.611-0.731
Vinyl chloride	4.44	8.60	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.78	8.60	0.905	ok	0.905	0.845-0.965
m,p-Xylene	15.26	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	8.60	ok	8.62	8.29-8.95	382768	ok	370262	222157-518367
1,4-Difluorobenzene	10.43	ok	10.44	10.11-10.77	1702002	ok	1653951	992371-2315531
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	1469534	ok	1465364	879218-2051510

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	Reporting this level
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.66	8.62	0.657	ok	0.658	0.598-0.718
1,3-Butadiene	4.59	8.62	0.532	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	1.062	1.002-1.122
Bromoform	15.41	14.68	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	17.89	14.68	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.84	8.62	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.72	14.68	1.003	ok	1.003	0.943-1.063
Chloroethane	5.03	8.62	0.584	ok	0.583	0.523-0.643
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.24	8.62	0.492	ok	0.491	0.431-0.551
3-Chloropropene	6.66	8.62	0.773	ok	0.772	0.712-0.832
2-Chlorotoluene	16.99	14.68	1.157	ok	1.158	1.098-1.218
Carbon tetrachloride	10.25	8.62	1.189	ok	1.190	1.130-1.250
Cyclohexane	10.37	10.44	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.65	8.62	0.887	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	8.62	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.58	14.68	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	11.19	10.44	1.072	ok	1.073	1.013-1.133
Dichlorodifluoromethane	4.08	8.62	0.473	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	8.62	0.864	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.62	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.94	10.44	1.144	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.91	14.68	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.38	14.68	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.99	14.68	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.45	10.44	1.193	ok	1.192	1.132-1.252
Ethanol	5.24	8.62	0.608	ok	0.607	0.547-0.667
Ethylbenzene	15.10	14.68	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.70	8.62	1.009	ok	1.010	0.950-1.070
4-Ethyltoluene	17.18	14.68	1.170	ok	1.170	1.110-1.230
Freon 113	6.79	8.62	0.788	ok	0.787	0.727-0.847
Freon 114	4.33	8.62	0.502	ok	0.502	0.442-0.562
Heptane	11.36	10.44	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.68	1.414	ok	1.415	1.355-1.475
Hexane	8.63	8.62	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	Reporting this level
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.18	14.68	0.898	ok	0.899	0.839-0.959
Isopropylbenzene	16.44	14.68	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.99	8.62	0.695	ok	0.696	0.636-0.756
Methylene chloride	6.54	8.62	0.759	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.08	8.62	0.937	ok	0.938	0.878-0.998
Methyl Isobutyl Ketone	12.01	10.44	1.150	ok	1.151	1.091-1.211
Methyl Tert Butyl Ether	7.73	8.62	0.897	ok	0.899	0.839-0.959
Nonane	15.98	14.68	1.089	ok	1.089	1.029-1.149
Pentane	6.13	8.62	0.711	ok	0.711	0.651-0.771
Propylene	4.00	8.62	0.464	ok	0.464	0.404-0.524
Styrene	15.68	14.68	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	15.81	14.68	1.077	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.63	10.44	1.210	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.27	14.68	1.381	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.73	14.68	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.26	14.68	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.12	10.44	1.065	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.58	8.62	0.763	ok	0.766	0.706-0.826
Tetrachloroethylene	14.02	14.68	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.18	8.62	1.065	ok	1.066	1.006-1.126
Toluene	12.89	10.44	1.235	ok	1.235	1.175-1.295
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	4.46	8.62	0.517	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	14.68	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	8.62	ok	8.62	8.29-8.95	335391	ok	370262	222157-518367
1,4-Difluorobenzene	10.44	ok	10.44	10.11-10.77	1562152	ok	1653951	992371-2315531
Chlorobenzene-D5	14.68	ok	14.67	14.34-15.00	1446956	ok	1465364	879218-2051510

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	Reporting this level
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.65	8.62	0.655	ok	0.658	0.598-0.718
1,3-Butadiene	4.58	8.62	0.531	ok	0.531	0.471-0.591
Benzene	10.12	10.45	0.968	ok	0.969	0.909-1.029
Bromodichloromethane	11.10	10.45	1.062	ok	1.062	1.002-1.122
Bromoform	15.42	14.68	1.050	ok	1.050	0.990-1.110
Bromomethane	4.85	8.62	0.563	ok	0.563	0.503-0.623
Bromoethene	5.38	8.62	0.624	ok	0.624	0.564-0.684
Benzyl Chloride	17.90	14.68	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.84	8.62	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.73	14.68	1.003	ok	1.003	0.943-1.063
Chloroethane	5.02	8.62	0.582	ok	0.583	0.523-0.643
Chloroform	8.75	8.62	1.015	ok	1.014	0.954-1.074
Chloromethane	4.23	8.62	0.491	ok	0.491	0.431-0.551
3-Chloropropene	6.65	8.62	0.771	ok	0.772	0.712-0.832
2-Chlorotoluene	17.00	14.68	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.25	8.62	1.189	ok	1.190	1.130-1.250
Cyclohexane	10.36	10.45	0.991	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.65	8.62	0.887	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.41	8.62	0.744	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	8.62	1.097	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	11.18	10.45	1.070	ok	1.073	1.013-1.133
Dichlorodifluoromethane	4.07	8.62	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	7.44	8.62	0.863	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.45	8.62	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.94	10.45	1.143	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.92	14.68	1.221	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.38	14.68	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.99	14.68	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.46	10.45	1.192	ok	1.192	1.132-1.252
Ethanol	5.23	8.62	0.607	ok	0.607	0.547-0.667
Ethylbenzene	15.10	14.68	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.70	8.62	1.009	ok	1.010	0.950-1.070
4-Ethyltoluene	17.18	14.68	1.170	ok	1.170	1.110-1.230
Freon 113	6.78	8.62	0.787	ok	0.787	0.727-0.847
Freon 114	4.33	8.62	0.502	ok	0.502	0.442-0.562
Heptane	11.36	10.45	1.087	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.68	1.414	ok	1.415	1.355-1.475
Hexane	8.62	8.62	1.000	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	Reporting this level
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.19	14.68	0.899	ok	0.899	0.839-0.959
Isopropylbenzene	16.44	14.68	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	6.01	8.62	0.697	ok	0.696	0.636-0.756
Methylene chloride	6.54	8.62	0.759	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.08	8.62	0.937	ok	0.938	0.878-0.998
Methyl Isobutyl Ketone	12.02	10.45	1.150	ok	1.151	1.091-1.211
Methyl Tert Butyl Ether	7.73	8.62	0.897	ok	0.899	0.839-0.959
Nonane	15.98	14.68	1.089	ok	1.089	1.029-1.149
Pentane	6.12	8.62	0.710	ok	0.711	0.651-0.771
Propylene	4.00	8.62	0.464	ok	0.464	0.404-0.524
Styrene	15.69	14.68	1.069	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	15.82	14.68	1.078	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.64	10.45	1.210	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.27	14.68	1.381	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.73	14.68	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.27	14.68	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.12	10.45	1.064	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.60	8.62	0.766	ok	0.766	0.706-0.826
Tetrachloroethylene	14.02	14.68	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.17	8.62	1.064	ok	1.066	1.006-1.126
Toluene	12.90	10.45	1.234	ok	1.235	1.175-1.295
Trichloroethylene	11.12	10.45	1.064	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.78	8.62	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.45	8.62	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.80	8.62	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	8.62	ok	8.62	8.29-8.95	371158	ok	370262	222157-518367
1,4-Difluorobenzene	10.45	ok	10.44	10.11-10.77	1632139	ok	1653951	992371-2315531
Chlorobenzene-D5	14.68	ok	14.67	14.34-15.00	1523938	ok	1465364	879218-2051510

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.64	8.62	0.654	ok	0.658	0.598-0.718
1,3-Butadiene	4.57	8.62	0.530	ok	0.531	0.471-0.591
Benzene	10.12	10.45	0.968	ok	0.969	0.909-1.029
Bromodichloromethane	11.10	10.45	1.062	ok	1.062	1.002-1.122
Bromoform	15.43	14.68	1.051	ok	1.050	0.990-1.110
Bromomethane	4.85	8.62	0.563	ok	0.563	0.503-0.623
Bromoethene	5.37	8.62	0.623	ok	0.624	0.564-0.684
Benzyl Chloride	17.90	14.68	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.83	8.62	0.792	ok	0.794	0.734-0.854
Chlorobenzene	14.73	14.68	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.62	0.581	ok	0.583	0.523-0.643
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.22	8.62	0.490	ok	0.491	0.431-0.551
3-Chloropropene	6.64	8.62	0.770	ok	0.772	0.712-0.832
2-Chlorotoluene	17.00	14.68	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.25	8.62	1.189	ok	1.190	1.130-1.250
Cyclohexane	10.36	10.45	0.991	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.64	8.62	0.886	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.40	8.62	0.742	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	9.45	8.62	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	11.18	10.45	1.070	ok	1.073	1.013-1.133
Dichlorodifluoromethane	4.06	8.62	0.471	ok	0.472	0.412-0.532
Dibromochloromethane	13.35	14.68	0.909	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.44	8.62	0.863	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.45	8.62	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.95	10.45	1.144	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.92	14.68	1.221	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.38	14.68	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.00	14.68	1.226	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.46	10.45	1.192	ok	1.192	1.132-1.252
Ethanol	5.21	8.62	0.604	ok	0.607	0.547-0.667
Ethylbenzene	15.11	14.68	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.69	8.62	1.008	ok	1.010	0.950-1.070
4-Ethyltoluene	17.18	14.68	1.170	ok	1.170	1.110-1.230
Freon 113	6.77	8.62	0.785	ok	0.787	0.727-0.847
Freon 114	4.32	8.62	0.501	ok	0.502	0.442-0.562
Heptane	11.36	10.45	1.087	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.68	1.414	ok	1.415	1.355-1.475
Hexane	8.62	8.62	1.000	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ548-IC548	J10580.D	06/07/07 09:39	DFT	0.5	GCMSJ	TO-15	
MSJ548-IC548	J10581.D	06/07/07 10:30	DFT	0.2	GCMSJ	TO-15	
MSJ548-IC548	J10582.D	06/07/07 11:22	DFT	2	GCMSJ	TO-15	
MSJ548-IC548	J10583.D	06/07/07 12:16	DFT	5	GCMSJ	TO-15	
MSJ548-ICC548	J10584.D	06/07/07 14:01	DFT	10	GCMSJ	TO-15	
MSJ548-IC548	J10585.D	06/07/07 14:55	DFT	20	GCMSJ	TO-15	
MSJ548-IC548	J10586.D	06/07/07 15:51	DFT	40	GCMSJ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.18	14.68	0.898	ok	0.899	0.839-0.959
Isopropylbenzene	16.44	14.68	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.99	8.62	0.695	ok	0.696	0.636-0.756
Methylene chloride	6.53	8.62	0.758	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.07	8.62	0.936	ok	0.938	0.878-0.998
Methyl Isobutyl Ketone	12.01	10.45	1.149	ok	1.151	1.091-1.211
Methyl Tert Butyl Ether	7.72	8.62	0.896	ok	0.899	0.839-0.959
Nonane	15.98	14.68	1.089	ok	1.089	1.029-1.149
Pentane	6.12	8.62	0.710	ok	0.711	0.651-0.771
Propylene	3.99	8.62	0.463	ok	0.464	0.404-0.524
Styrene	15.69	14.68	1.069	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	15.82	14.68	1.078	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.64	10.45	1.210	ok	1.210	1.150-1.270
1,2,4-Trichlorobenzene	20.27	14.68	1.381	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.74	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	11.12	10.45	1.064	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.58	8.62	0.763	ok	0.766	0.706-0.826
Tetrachloroethylene	14.02	14.68	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.16	8.62	1.063	ok	1.066	1.006-1.126
Toluene	12.90	10.45	1.234	ok	1.235	1.175-1.295
Trichloroethylene	11.12	10.45	1.064	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.77	8.62	0.669	ok	0.671	0.611-0.731
Vinyl chloride	4.44	8.62	0.515	ok	0.516	0.456-0.576
Vinyl Acetate	7.79	8.62	0.904	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	8.62	ok	8.62	8.29-8.95	370314	ok	370262	222157-518367
1,4-Difluorobenzene	10.45	ok	10.44	10.11-10.77	1649653	ok	1653951	992371-2315531
Chlorobenzene-D5	14.68	ok	14.67	14.34-15.00	1530293	ok	1465364	879218-2051510

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	Reporting this level
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.68	8.62	0.659	ok	0.657	0.597-0.717
1,3-Butadiene	4.59	8.62	0.532	ok	0.532	0.472-0.592
Benzene	10.12	10.44	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.08	10.44	1.061	ok	1.062	1.002-1.122
Bromoform	15.39	14.67	1.049	ok	1.050	0.990-1.110
Bromomethane	4.86	8.62	0.564	ok	0.564	0.504-0.624
Bromoethene	5.40	8.62	0.626	ok	0.624	0.564-0.684
Benzyl Chloride	17.89	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.62	0.795	ok	0.794	0.734-0.854
Chlorobenzene	14.71	14.67	1.003	ok	1.003	0.943-1.063
Chloroethane	5.04	8.62	0.585	ok	0.583	0.523-0.643
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.23	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	16.97	14.67	1.157	ok	1.157	1.097-1.217
Carbon tetrachloride	10.26	8.62	1.190	ok	1.189	1.129-1.249
Cyclohexane	10.37	10.44	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.65	8.62	0.887	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.62	0.746	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.57	14.67	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.62	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.90	10.44	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.25	10.44	1.078	ok	1.072	1.012-1.132
Dichlorodifluoromethane	4.07	8.62	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.32	14.67	0.908	ok	0.909	0.849-0.969
trans-1,2-Dichloroethylene	7.46	8.62	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.62	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.93	10.44	1.143	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.90	14.67	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.37	14.67	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.97	14.67	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.44	10.44	1.192	ok	1.192	1.132-1.252
Ethanol	5.30	8.62	0.615	ok	0.609	0.549-0.669
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.72	8.62	1.012	ok	1.009	0.949-1.069
4-Ethyltoluene	17.16	14.67	1.170	ok	1.170	1.110-1.230
Freon 113	6.80	8.62	0.789	ok	0.788	0.728-0.848
Freon 114	4.33	8.62	0.502	ok	0.502	0.442-0.562
Heptane	11.36	10.44	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.67	1.415	ok	1.415	1.355-1.475
Hexane	8.64	8.62	1.002	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	Reporting this level
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.21	14.67	0.900	ok	0.899	0.839-0.959
Isopropylbenzene	16.42	14.67	1.119	ok	1.120	1.060-1.180
Isopropyl Alcohol	6.03	8.62	0.700	ok	0.695	0.635-0.755
Methylene chloride	6.55	8.62	0.760	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.11	8.62	0.941	ok	0.939	0.879-0.999
Methyl Isobutyl Ketone	12.02	10.44	1.151	ok	1.150	1.090-1.210
Methyl Tert Butyl Ether	7.76	8.62	0.900	ok	0.898	0.838-0.958
Nonane	15.97	14.67	1.089	ok	1.089	1.029-1.149
Pentane	6.14	8.62	0.712	ok	0.712	0.652-0.772
Propylene	4.01	8.62	0.465	ok	0.464	0.404-0.524
Styrene	15.67	14.67	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.68	8.62	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.79	14.67	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.61	10.44	1.208	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.28	14.67	1.382	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.71	14.67	1.207	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	6.66	8.62	0.773	ok	0.766	0.706-0.826
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.23	8.62	1.071	ok	1.065	1.005-1.125
Toluene	12.88	10.44	1.234	ok	1.234	1.174-1.294
Trichloroethylene	11.11	10.44	1.064	ok	1.064	1.004-1.124
Trichlorofluoromethane	5.79	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	8.63	8.30-8.96	419744	ok	428684	257210-600158
1,4-Difluorobenzene	10.44	ok	10.45	10.12-10.78	1843308	ok	1924799	1154879-2694719
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	1602957	ok	1734986	1040992-2428980

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	Reporting this level
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.70	8.62	0.661	ok	0.657	0.597-0.717
1,3-Butadiene	4.59	8.62	0.532	ok	0.532	0.472-0.592
Benzene	10.12	10.43	0.970	ok	0.969	0.909-1.029
Bromodichloromethane	11.09	10.43	1.063	ok	1.062	1.002-1.122
Bromoform	15.39	14.66	1.050	ok	1.050	0.990-1.110
Bromomethane	4.86	8.62	0.564	ok	0.564	0.504-0.624
Bromoethene	5.39	8.62	0.625	ok	0.624	0.564-0.684
Carbon disulfide	6.85	8.62	0.795	ok	0.794	0.734-0.854
Chlorobenzene	14.71	14.66	1.003	ok	1.003	0.943-1.063
Chloroethane	5.03	8.62	0.584	ok	0.583	0.523-0.643
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.24	8.62	0.492	ok	0.491	0.431-0.551
3-Chloropropene	6.66	8.62	0.773	ok	0.772	0.712-0.832
Carbon tetrachloride	10.26	8.62	1.190	ok	1.189	1.129-1.249
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	13.56	14.66	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.44	8.62	1.095	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.89	10.43	1.044	ok	1.044	0.984-1.104
Dichlorodifluoromethane	4.07	8.62	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.32	14.66	0.909	ok	0.909	0.849-0.969
trans-1,2-Dichloroethylene	7.46	8.62	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.62	0.981	ok	0.981	0.921-1.041
Freon 113	6.80	8.62	0.789	ok	0.788	0.728-0.848
Freon 114	4.33	8.62	0.502	ok	0.502	0.442-0.562
Hexachlorobutadiene	20.76	14.66	1.416	ok	1.415	1.355-1.475
Hexane	8.64	8.62	1.002	ok	1.001	0.941-1.061
Methylene chloride	6.55	8.62	0.760	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.14	8.62	0.944	ok	0.939	0.879-0.999
Methyl Tert Butyl Ether	7.79	8.62	0.904	ok	0.898	0.838-0.958
Pentane	6.15	8.62	0.713	ok	0.712	0.652-0.772
Propylene	4.00	8.62	0.464	ok	0.464	0.404-0.524
1,1,1-Trichloroethane	9.68	8.62	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.79	14.66	1.077	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.62	10.43	1.210	ok	1.209	1.149-1.269
Tetrachloroethylene	14.00	14.66	0.955	ok	0.955	0.895-1.015
Trichloroethylene	11.11	10.43	1.065	ok	1.064	1.004-1.124
Trichlorofluoromethane	5.80	8.62	0.673	ok	0.672	0.612-0.732
Vinyl chloride	4.46	8.62	0.517	ok	0.516	0.456-0.576
m,p-Xylene	15.28	14.66	1.042	ok	1.042	0.982-1.102

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	Reporting this level
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.63	8.30-8.96	410191	ok	428684	257210-600158
1,4-Difluorobenzene	10.43	ok	10.45	10.12-10.78	1809825	ok	1924799	1154879-2694719
Chlorobenzene-D5	14.66	ok	14.67	14.34-15.00	1513108	ok	1734986	1040992-2428980

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	Reporting this level
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.66	8.64	0.655	ok	0.657	0.597-0.717
1,3-Butadiene	4.59	8.64	0.531	ok	0.532	0.472-0.592
Benzene	10.14	10.47	0.968	ok	0.969	0.909-1.029
Bromodichloromethane	11.12	10.47	1.062	ok	1.062	1.002-1.122
Bromoform	15.44	14.70	1.050	ok	1.050	0.990-1.110
Bromomethane	4.86	8.64	0.562	ok	0.564	0.504-0.624
Bromoethene	5.39	8.64	0.624	ok	0.624	0.564-0.684
Benzyl Chloride	17.90	14.70	1.218	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.64	0.793	ok	0.794	0.734-0.854
Chlorobenzene	14.74	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	5.03	8.64	0.582	ok	0.583	0.523-0.643
Chloroform	8.77	8.64	1.015	ok	1.014	0.954-1.074
Chloromethane	4.24	8.64	0.491	ok	0.491	0.431-0.551
3-Chloropropene	6.67	8.64	0.772	ok	0.772	0.712-0.832
2-Chlorotoluene	17.00	14.70	1.156	ok	1.157	1.097-1.217
Carbon tetrachloride	10.27	8.64	1.189	ok	1.189	1.129-1.249
Cyclohexane	10.38	10.47	0.991	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.67	8.64	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.64	0.744	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.61	14.70	0.926	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.48	8.64	1.097	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.93	10.47	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.20	10.47	1.070	ok	1.072	1.012-1.132
Dichlorodifluoromethane	4.07	8.64	0.471	ok	0.472	0.412-0.532
Dibromochloromethane	13.36	14.70	0.909	ok	0.909	0.849-0.969
trans-1,2-Dichloroethylene	7.46	8.64	0.863	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.47	8.64	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.96	10.47	1.142	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.92	14.70	1.219	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.38	14.70	1.250	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.00	14.70	1.224	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.47	10.47	1.191	ok	1.192	1.132-1.252
Ethanol	5.23	8.64	0.605	ok	0.609	0.549-0.669
Ethylbenzene	15.12	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.72	8.64	1.009	ok	1.009	0.949-1.069
4-Ethyltoluene	17.19	14.70	1.169	ok	1.170	1.110-1.230
Freon 113	6.80	8.64	0.787	ok	0.788	0.728-0.848
Freon 114	4.33	8.64	0.501	ok	0.502	0.442-0.562
Heptane	11.38	10.47	1.087	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.70	1.412	ok	1.415	1.355-1.475
Hexane	8.64	8.64	1.000	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	Reporting this level
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.20	14.70	0.898	ok	0.899	0.839-0.959
Isopropylbenzene	16.45	14.70	1.119	ok	1.120	1.060-1.180
Isopropyl Alcohol	6.03	8.64	0.698	ok	0.695	0.635-0.755
Methylene chloride	6.55	8.64	0.758	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.10	8.64	0.938	ok	0.939	0.879-0.999
Methyl Isobutyl Ketone	12.03	10.47	1.149	ok	1.150	1.090-1.210
Methyl Tert Butyl Ether	7.74	8.64	0.896	ok	0.898	0.838-0.958
Nonane	15.99	14.70	1.088	ok	1.089	1.029-1.149
Pentane	6.14	8.64	0.711	ok	0.712	0.652-0.772
Propylene	4.00	8.64	0.463	ok	0.464	0.404-0.524
Styrene	15.70	14.70	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.70	8.64	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.83	14.70	1.077	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.66	10.47	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.27	14.70	1.379	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.74	14.70	1.207	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.27	14.70	1.175	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.14	10.47	1.064	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.65	8.64	0.770	ok	0.766	0.706-0.826
Tetrachloroethylene	14.03	14.70	0.954	ok	0.955	0.895-1.015
Tetrahydrofuran	9.18	8.64	1.062	ok	1.065	1.005-1.125
Toluene	12.91	10.47	1.233	ok	1.234	1.174-1.294
Trichloroethylene	11.14	10.47	1.064	ok	1.064	1.004-1.124
Trichlorofluoromethane	5.80	8.64	0.671	ok	0.672	0.612-0.732
Vinyl chloride	4.45	8.64	0.515	ok	0.516	0.456-0.576
Vinyl Acetate	7.82	8.64	0.905	ok	0.905	0.845-0.965
m,p-Xylene	15.31	14.70	1.041	ok	1.042	0.982-1.102
o-Xylene	15.81	14.70	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.64	ok	8.63	8.30-8.96	426129	ok	428684	257210-600158
1,4-Difluorobenzene	10.47	ok	10.45	10.12-10.78	1871381	ok	1924799	1154879-2694719
Chlorobenzene-D5	14.70	ok	14.67	14.34-15.00	1859953	ok	1734986	1040992-2428980

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	Reporting this level
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.65	8.63	0.655	ok	0.657	0.597-0.717
1,3-Butadiene	4.58	8.63	0.531	ok	0.532	0.472-0.592
Benzene	10.13	10.45	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.10	10.45	1.062	ok	1.062	1.002-1.122
Bromoform	15.42	14.68	1.050	ok	1.050	0.990-1.110
Bromomethane	4.86	8.63	0.563	ok	0.564	0.504-0.624
Bromoethene	5.38	8.63	0.623	ok	0.624	0.564-0.684
Benzyl Chloride	17.90	14.68	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.63	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.73	14.68	1.003	ok	1.003	0.943-1.063
Chloroethane	5.03	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	6.66	8.63	0.772	ok	0.772	0.712-0.832
2-Chlorotoluene	16.99	14.68	1.157	ok	1.157	1.097-1.217
Carbon tetrachloride	10.26	8.63	1.189	ok	1.189	1.129-1.249
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	6.42	8.63	0.744	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.59	14.68	0.926	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.47	8.63	1.097	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.91	10.45	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.18	10.45	1.070	ok	1.072	1.012-1.132
Dichlorodifluoromethane	4.07	8.63	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.35	14.68	0.909	ok	0.909	0.849-0.969
trans-1,2-Dichloroethylene	7.46	8.63	0.864	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.47	8.63	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.95	10.45	1.144	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.92	14.68	1.221	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.38	14.68	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.99	14.68	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.46	10.45	1.192	ok	1.192	1.132-1.252
Ethanol	5.24	8.63	0.607	ok	0.609	0.549-0.669
Ethylbenzene	15.10	14.68	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.70	8.63	1.008	ok	1.009	0.949-1.069
4-Ethyltoluene	17.18	14.68	1.170	ok	1.170	1.110-1.230
Freon 113	6.79	8.63	0.787	ok	0.788	0.728-0.848
Freon 114	4.33	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	20.76	14.68	1.414	ok	1.415	1.355-1.475
Hexane	8.64	8.63	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	Reporting this level
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.19	14.68	0.899	ok	0.899	0.839-0.959
Isopropylbenzene	16.44	14.68	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	6.00	8.63	0.695	ok	0.695	0.635-0.755
Methylene chloride	6.55	8.63	0.759	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.09	8.63	0.937	ok	0.939	0.879-0.999
Methyl Isobutyl Ketone	12.01	10.45	1.149	ok	1.150	1.090-1.210
Methyl Tert Butyl Ether	7.74	8.63	0.897	ok	0.898	0.838-0.958
Nonane	15.98	14.68	1.089	ok	1.089	1.029-1.149
Pentane	6.13	8.63	0.710	ok	0.712	0.652-0.772
Propylene	4.00	8.63	0.463	ok	0.464	0.404-0.524
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	20.27	14.68	1.381	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.73	14.68	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.27	14.68	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.13	10.45	1.065	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.60	8.63	0.765	ok	0.766	0.706-0.826
Tetrachloroethylene	14.02	14.68	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.18	8.63	1.064	ok	1.065	1.005-1.125
Toluene	12.90	10.45	1.234	ok	1.234	1.174-1.294
Trichloroethylene	11.13	10.45	1.065	ok	1.064	1.004-1.124
Trichlorofluoromethane	5.79	8.63	0.671	ok	0.672	0.612-0.732
Vinyl chloride	4.45	8.63	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.81	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	8.63	8.30-8.96	454420	ok	428684	257210-600158
1,4-Difluorobenzene	10.45	ok	10.45	10.12-10.78	2027697	ok	1924799	1154879-2694719
Chlorobenzene-D5	14.68	ok	14.67	14.34-15.00	1910580	ok	1734986	1040992-2428980

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	Reporting this level
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.66	8.63	0.656	ok	0.657	0.597-0.717
1,3-Butadiene	4.58	8.63	0.531	ok	0.532	0.472-0.592
Benzene	10.12	10.45	0.968	ok	0.969	0.909-1.029
Bromodichloromethane	11.09	10.45	1.061	ok	1.062	1.002-1.122
Bromoform	15.40	14.67	1.050	ok	1.050	0.990-1.110
Bromomethane	4.86	8.63	0.563	ok	0.564	0.504-0.624
Bromoethene	5.38	8.63	0.623	ok	0.624	0.564-0.684
Benzyl Chloride	17.89	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	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	16.99	14.67	1.158	ok	1.157	1.097-1.217
Carbon tetrachloride	10.26	8.63	1.189	ok	1.189	1.129-1.249
Cyclohexane	10.37	10.45	0.992	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.66	8.63	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	8.63	0.744	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.58	14.67	0.926	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.63	1.095	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	11.18	10.45	1.070	ok	1.072	1.012-1.132
Dichlorodifluoromethane	4.07	8.63	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.33	14.67	0.909	ok	0.909	0.849-0.969
trans-1,2-Dichloroethylene	7.46	8.63	0.864	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.63	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.94	10.45	1.143	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.91	14.67	1.221	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.37	14.67	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.99	14.67	1.226	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.45	10.45	1.191	ok	1.192	1.132-1.252
Ethanol	5.23	8.63	0.606	ok	0.609	0.549-0.669
Ethylbenzene	15.10	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.70	8.63	1.008	ok	1.009	0.949-1.069
4-Ethyltoluene	17.17	14.67	1.170	ok	1.170	1.110-1.230
Freon 113	6.79	8.63	0.787	ok	0.788	0.728-0.848
Freon 114	4.32	8.63	0.501	ok	0.502	0.442-0.562
Heptane	11.36	10.45	1.087	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.67	1.415	ok	1.415	1.355-1.475
Hexane	8.63	8.63	1.000	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	Reporting this level
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.18	14.67	0.898	ok	0.899	0.839-0.959
Isopropylbenzene	16.43	14.67	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.98	8.63	0.693	ok	0.695	0.635-0.755
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	0.939	0.879-0.999
Methyl Isobutyl Ketone	12.00	10.45	1.148	ok	1.150	1.090-1.210
Methyl Tert Butyl Ether	7.73	8.63	0.896	ok	0.898	0.838-0.958
Nonane	15.98	14.67	1.089	ok	1.089	1.029-1.149
Pentane	6.13	8.63	0.710	ok	0.712	0.652-0.772
Propylene	4.00	8.63	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	9.68	8.63	1.122	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.80	14.67	1.077	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.63	10.45	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.27	14.67	1.382	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.72	14.67	1.208	ok	1.208	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	10.45	1.064	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.57	8.63	0.761	ok	0.766	0.706-0.826
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.18	8.63	1.064	ok	1.065	1.005-1.125
Toluene	12.89	10.45	1.233	ok	1.234	1.174-1.294
Trichloroethylene	11.12	10.45	1.064	ok	1.064	1.004-1.124
Trichlorofluoromethane	5.79	8.63	0.671	ok	0.672	0.612-0.732
Vinyl chloride	4.45	8.63	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.81	8.63	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	8.63	ok	8.63	8.30-8.96	435479	ok	428684	257210-600158
1,4-Difluorobenzene	10.45	ok	10.45	10.12-10.78	1969866	ok	1924799	1154879-2694719
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	1764652	ok	1734986	1040992-2428980

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	Reporting this level
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.68	8.63	0.658	ok	0.657	0.597-0.717
1,3-Butadiene	4.58	8.63	0.531	ok	0.532	0.472-0.592
Benzene	10.12	10.44	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.09	10.44	1.062	ok	1.062	1.002-1.122
Bromoform	15.40	14.67	1.050	ok	1.050	0.990-1.110
Bromomethane	4.87	8.63	0.564	ok	0.564	0.504-0.624
Bromoethene	5.39	8.63	0.625	ok	0.624	0.564-0.684
Benzyl Chloride	17.89	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.63	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.72	14.67	1.003	ok	1.003	0.943-1.063
Chloroethane	5.04	8.63	0.584	ok	0.583	0.523-0.643
Chloroform	8.74	8.63	1.013	ok	1.014	0.954-1.074
Chloromethane	4.24	8.63	0.491	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	1.157	1.097-1.217
Carbon tetrachloride	10.26	8.63	1.189	ok	1.189	1.129-1.249
Cyclohexane	10.37	10.44	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.66	8.63	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.63	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.57	14.67	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.63	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.90	10.44	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.20	10.44	1.073	ok	1.072	1.012-1.132
Dichlorodifluoromethane	4.07	8.63	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.33	14.67	0.909	ok	0.909	0.849-0.969
trans-1,2-Dichloroethylene	7.46	8.63	0.864	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.63	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.94	10.44	1.144	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.90	14.67	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.37	14.67	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.98	14.67	1.226	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.44	10.44	1.192	ok	1.192	1.132-1.252
Ethanol	5.26	8.63	0.610	ok	0.609	0.549-0.669
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.70	8.63	1.008	ok	1.009	0.949-1.069
4-Ethyltoluene	17.17	14.67	1.170	ok	1.170	1.110-1.230
Freon 113	6.80	8.63	0.788	ok	0.788	0.728-0.848
Freon 114	4.33	8.63	0.502	ok	0.502	0.442-0.562
Heptane	11.36	10.44	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.67	1.415	ok	1.415	1.355-1.475
Hexane	8.63	8.63	1.000	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	Reporting this level
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.19	14.67	0.899	ok	0.899	0.839-0.959
Isopropylbenzene	16.43	14.67	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.97	8.63	0.692	ok	0.695	0.635-0.755
Methylene chloride	6.55	8.63	0.759	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.09	8.63	0.937	ok	0.939	0.879-0.999
Methyl Isobutyl Ketone	12.01	10.44	1.150	ok	1.150	1.090-1.210
Methyl Tert Butyl Ether	7.75	8.63	0.898	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	0.464	0.404-0.524
Styrene	15.67	14.67	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.68	8.63	1.122	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.80	14.67	1.077	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.63	10.44	1.210	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.27	14.67	1.382	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.72	14.67	1.208	ok	1.208	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	6.57	8.63	0.761	ok	0.766	0.706-0.826
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.19	8.63	1.065	ok	1.065	1.005-1.125
Toluene	12.89	10.44	1.235	ok	1.234	1.174-1.294
Trichloroethylene	11.11	10.44	1.064	ok	1.064	1.004-1.124
Trichlorofluoromethane	5.80	8.63	0.672	ok	0.672	0.612-0.732
Vinyl chloride	4.46	8.63	0.517	ok	0.516	0.456-0.576
Vinyl Acetate	7.81	8.63	0.905	ok	0.905	0.845-0.965
m,p-Xylene	15.27	14.67	1.041	ok	1.042	0.982-1.102
o-Xylene	15.78	14.67	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.63	8.30-8.96	438436	ok	428684	257210-600158
1,4-Difluorobenzene	10.44	ok	10.45	10.12-10.78	2029733	ok	1924799	1154879-2694719
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	1791020	ok	1734986	1040992-2428980

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.67	8.62	0.658	ok	0.657	0.597-0.717
1,3-Butadiene	4.59	8.62	0.532	ok	0.532	0.472-0.592
Benzene	10.12	10.44	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.08	10.44	1.061	ok	1.062	1.002-1.122
Bromoform	15.40	14.67	1.050	ok	1.050	0.990-1.110
Bromomethane	4.86	8.62	0.564	ok	0.564	0.504-0.624
Bromoethene	5.38	8.62	0.624	ok	0.624	0.564-0.684
Benzyl Chloride	17.89	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.62	0.795	ok	0.794	0.734-0.854
Chlorobenzene	14.71	14.67	1.003	ok	1.003	0.943-1.063
Chloroethane	5.03	8.62	0.584	ok	0.583	0.523-0.643
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.24	8.62	0.492	ok	0.491	0.431-0.551
3-Chloropropene	6.66	8.62	0.773	ok	0.772	0.712-0.832
2-Chlorotoluene	16.98	14.67	1.157	ok	1.157	1.097-1.217
Carbon tetrachloride	10.26	8.62	1.190	ok	1.189	1.129-1.249
Cyclohexane	10.37	10.44	0.993	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.66	8.62	0.889	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.62	0.746	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.57	14.67	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.62	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.90	10.44	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.20	10.44	1.073	ok	1.072	1.012-1.132
Dichlorodifluoromethane	4.07	8.62	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.32	14.67	0.908	ok	0.909	0.849-0.969
trans-1,2-Dichloroethylene	7.46	8.62	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.62	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.94	10.44	1.144	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.90	14.67	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.37	14.67	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.98	14.67	1.226	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.44	10.44	1.192	ok	1.192	1.132-1.252
Ethanol	5.25	8.62	0.609	ok	0.609	0.549-0.669
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.70	8.62	1.009	ok	1.009	0.949-1.069
4-Ethyltoluene	17.16	14.67	1.170	ok	1.170	1.110-1.230
Freon 113	6.79	8.62	0.788	ok	0.788	0.728-0.848
Freon 114	4.33	8.62	0.502	ok	0.502	0.442-0.562
Heptane	11.35	10.44	1.087	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.67	1.415	ok	1.415	1.355-1.475
Hexane	8.63	8.62	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65798
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	
MSJ557-IC557	J10757.D	06/25/07 10:16	DFT	0.5	GCMSJ	TO-15	
MSJ557-IC557	J10758.D	06/25/07 11:05	DFT	0.2	GCMSJ	TO-15	
MSJ557-IC557	J10760.D	06/25/07 12:42	DFT	40	GCMSJ	TO-15	
MSJ557-IC557	J10761.D	06/25/07 13:59	DFT	20	GCMSJ	TO-15	
MSJ557-ICC557	J10762.D	06/25/07 14:46	DFT	10	GCMSJ	TO-15	
MSJ557-IC557	J10763.D	06/25/07 15:34	DFT	5	GCMSJ	TO-15	
MSJ557-IC557	J10765.D	06/25/07 17:14	DFT	2	GCMSJ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.19	14.67	0.899	ok	0.899	0.839-0.959
Isopropylbenzene	16.42	14.67	1.119	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.97	8.62	0.693	ok	0.695	0.635-0.755
Methylene chloride	6.55	8.62	0.760	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.09	8.62	0.939	ok	0.939	0.879-0.999
Methyl Isobutyl Ketone	12.00	10.44	1.149	ok	1.150	1.090-1.210
Methyl Tert Butyl Ether	7.74	8.62	0.898	ok	0.898	0.838-0.958
Nonane	15.97	14.67	1.089	ok	1.089	1.029-1.149
Pentane	6.14	8.62	0.712	ok	0.712	0.652-0.772
Propylene	4.00	8.62	0.464	ok	0.464	0.404-0.524
Styrene	15.67	14.67	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.68	8.62	1.123	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.79	14.67	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.62	10.44	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.27	14.67	1.382	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.72	14.67	1.208	ok	1.208	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	6.59	8.62	0.765	ok	0.766	0.706-0.826
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.20	8.62	1.067	ok	1.065	1.005-1.125
Toluene	12.88	10.44	1.234	ok	1.234	1.174-1.294
Trichloroethylene	11.11	10.44	1.064	ok	1.064	1.004-1.124
Trichlorofluoromethane	5.79	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	8.63	8.30-8.96	416388	ok	428684	257210-600158
1,4-Difluorobenzene	10.44	ok	10.45	10.12-10.78	1921784	ok	1924799	1154879-2694719
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	1702630	ok	1734986	1040992-2428980

Volatile Surrogate Recovery Summary

Job Number: M65798
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
M65798-1	J10804.D	96.0
M65576-1DUP	J10799.D	116.0
MSJ548-SCC	J10589A.D	100.0
MSJ558-BS	J10794A.D	109.0
MSJ558-MB	J10796.D	93.0
MSJ548-BS	J10587B.D	104.0
MSJ548-MB	J10589.D	100.0

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

Initial Calibration Summary

Job Number: M65798 **Sample:** MSJ548-ICC548
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10584.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Response Factor Report MSJ

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration

Calibration Files
40 =J10586.D 20 =J10585.D 10 =J10584.D 5 =J10583.D
2 =J10582.D .5 =J10580.D .2 =J10581.D 4 =J10094.D

Compound	40	20	10	5	2	.5	.2	4	Avg	%RSD
1) I BROMOCHLOROMETHANE	----------ISTD----------									
2) DICHLORODIFL	3.717	3.577	3.998	3.004	3.569	3.050	3.546		3.494	10.16
3) PROPYLENE	0.644	0.622	0.742	0.499	0.580	0.586	0.585		0.608	12.25
4) FREON 114	3.524	3.317	3.542	2.756	3.309	2.707	3.392		3.221	10.77
5) CHLOROMETHAN	0.870	0.840	0.984	0.726	0.853	0.737	0.895		0.843	10.66
6) VINYL CHLORI	1.091	1.040	1.170	0.841	1.022	0.822	0.950		0.991	12.92
7) 1,3-BUTADIEN	0.761	0.729	0.795	0.601	0.710	0.582	0.542		0.674	14.57
8) BROMOMETHANE	1.282	1.210	1.264	0.980	1.134	0.929	1.103		1.129	12.07
9) CHLOROETHANE	0.538	0.511	0.491	0.396	0.493	0.404	0.346		0.454	15.75
10) TRICHLOROFLU	3.983	3.736	3.856	3.063	3.728	3.028	3.748		3.591	10.69
11) ISOPROPYL AL	1.417	1.273	1.401	0.892	1.095	1.088	0.870		1.148	19.52
12) ACETONE	1.361	1.236	1.380	0.969	1.444	1.553	1.543		1.355	14.95
13) PENTANE	0.862	0.832	0.909	0.730	0.843	0.827	0.898		0.843	7.02
14) 1,1-DICHLORO	1.304	1.211	1.190	0.894	1.022	0.854	0.903		1.054	17.11
15) CARBON DISUL	3.366	3.260	3.491	2.689	3.268	2.769	3.372		3.173	9.90
16) ETHANOL	0.258	0.231	0.255	0.155	0.188	0.175			0.210	20.75
17) BROMOETHENE	1.326	1.230	1.221	0.903	1.013	0.854	0.885		1.062	18.26
18) METHYLENE CH	1.181	1.123	1.075	0.906	1.316	3.249	2.304		1.593	54.06
----- Linear regression ----- Coefficient = 0.9973										
Response Ratio = -0.01503 + 1.16813 *A										
19) 3-CHLOROPROP	0.857	0.933	0.746	0.562	0.707	0.643	0.541		0.713	20.48
20) FREON 113	2.742	2.503	2.406	1.941	2.372	2.180	2.159		2.329	11.23
21) TRANS-1,2-DI	1.269	1.174	1.103	0.842	1.012	0.827	0.872		1.014	17.22
22) TERTIARY BUT	1.176	1.754	1.881	1.192	1.362	0.820	0.679		1.266	35.05
----- Quadratic regression ----- Coefficient = 0.9928										
Response Ratio = -0.16759 + 2.31634 *A + -0.27286 *A^2										
23) METHYL TERTI	2.807	2.491	2.678	1.692	2.018	1.618	1.478		2.112	25.78
24) TETRAHYDROFU	0.885	0.793	0.841	0.520	0.631	0.469			0.690	25.35
25) HEXANE	1.272	1.231	1.206	0.951	1.190	2.478	1.435		1.395	35.75
----- Linear regression ----- Coefficient = 0.9985										
Response Ratio = -0.03565 + 1.27055 *A										
26) VINYL ACETAT	1.737	1.579	1.640	0.967	1.099	1.052			1.346	25.40
27) 1,1-DICHLORO	1.994	1.861	1.816	1.390	1.828	1.451	1.482		1.689	14.24
28) METHYL ETHYL	1.508	1.402	1.488	0.969	1.283	0.976	0.838		1.209	22.89
29) cis-1,2-DICH	1.269	1.130	1.095	0.785	1.005	0.841	0.799		0.989	18.88
30) ETHYL ACETAT	1.652	1.556	1.639	1.031	1.340	0.998	0.941		1.308	24.15
31) CHLOROFORM	2.713	2.498	2.565	1.947	2.530	2.242	2.169		2.381	11.28
32) 1,1,1-TRICHL	3.142	2.875	2.757	2.092	2.840	2.238	2.229		2.596	15.55
33) CARBON TETRA	3.736	3.425	3.418	2.632	3.115	2.544	2.561		3.062	15.90
34) 1,2-DICHLORO	1.668	1.454	1.583	1.069	1.357	1.025	1.111		1.324	19.59
35) I 1,4-DIFLUOROBENZENE	----------ISTD----------									
36) BENZENE	0.733	0.643	0.620	0.433	0.585	0.440	0.404		0.551	22.87

Initial Calibration Summary

Job Number: M65798 **Sample:** MSJ548-ICC548
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10584.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
37) CYCLOHEXANE  0.324 0.306 0.285 0.224 0.251 0.190 0.163       0.249  24.11
38) TRICHLOROETH 0.359 0.322 0.333 0.241 0.302 0.241 0.229       0.290  17.95
39) 1,2-DICHLORO 0.240 0.212 0.218 0.150 0.205 0.145 0.151       0.189  20.59
40) BROMODICHLOR 0.614 0.549 0.566 0.405 0.527 0.395 0.393       0.493  18.85
41) 2,2,4-TRIMET 0.978 0.955 0.904 0.710 0.926 0.630 0.540       0.806  21.91
42) 1,4-DIOXANE  0.136 0.122 0.114 0.070 0.071 0.033             0.091  43.40
            ----- Linear regression -----  Coefficient =  0.9966
              Response Ratio = -0.02081 + 0.13933 *A

43) HEPTANE      0.331 0.306 0.311 0.227 0.297 0.218 0.172       0.266  22.56
44) METHYL ISOBU 0.439 0.388 0.382 0.257 0.351 0.207 0.143       0.309  35.19
            ----- Linear regression -----  Coefficient =  0.9956
              Response Ratio = -0.04140 + 0.43972 *A

45) cis-1,3-DICH 0.394 0.340 0.343 0.207 0.234 0.148 0.133       0.257  40.02
            ----- Linear regression -----  Coefficient =  0.9944
              Response Ratio = -0.04442 + 0.39490 *A

46) TOLUENE      0.541 0.468 0.477 0.300 0.364 0.257 0.219       0.375  32.78
            ----- Linear regression -----  Coefficient =  0.9946
              Response Ratio = -0.05579 + 0.54156 *A

47) trans-1,3-DI 0.389 0.332 0.327 0.185 0.178 0.113 0.095       0.231  50.46
         ----- Quadratic regression -----                Coefficient =  0.9986
              Response Ratio = -0.01768 + 0.29106 *A + 0.02570 *A^2

48) 1,1,2-TRICHL 0.261 0.229 0.237 0.163 0.213 0.145 0.151       0.200  23.23

49) I   CHLOROBENZENE-D5      ----------------ISTD---------------------
50) 2-HEXANONE   0.407 0.354 0.357 0.237 0.241 0.137 0.077       0.258  47.17
            ----- Linear regression -----  Coefficient =  0.9954
              Response Ratio = -0.04317 + 0.40778 *A

51) TETRACHLOROE 0.532 0.443 0.447 0.311 0.383 0.316 0.319       0.393  21.53
52) DIBROMOCHLOR 0.739 0.637 0.650 0.454 0.552 0.411 0.419       0.552  23.30
53) 1,2-DIBROMOE 0.561 0.477 0.481 0.326 0.349 0.258 0.252       0.387  31.20
            ----- Linear regression -----  Coefficient =  0.9940
              Response Ratio = -0.06071 + 0.56085 *A

54) CHLOROBENZEN 0.838 0.708 0.732 0.501 0.561 0.420 0.437       0.600  26.92
55) ETHYLBENZENE 1.316 1.126 1.149 0.771 0.831 0.501 0.421       0.873  38.88
            ----- Linear regression -----  Coefficient =  0.9944
              Response Ratio = -0.13925 + 1.31602 *A

56) m,p-XYLENE   0.532 0.456 0.460 0.308 0.339 0.187 0.149       0.347  41.66
            ----- Linear regression -----  Coefficient =  0.9944
              Response Ratio = -0.11494 + 0.53246 *A

57) o-XYLENE     0.548 0.465 0.473 0.313 0.349 0.194 0.153       0.356  41.55
            ----- Linear regression -----  Coefficient =  0.9940
              Response Ratio = -0.05996 + 0.54733 *A

58) STYRENE      0.797 0.662 0.614 0.362 0.283 0.144 0.125       0.427  62.25
         ----- Quadratic regression -----                Coefficient =  0.9990
              Response Ratio = -0.03872 + 0.55040 *A + 0.06427 *A^2

59) NONANE       0.506 0.468 0.487 0.344 0.430 0.220 0.153       0.373  37.29
            ----- Linear regression -----  Coefficient =  0.9979
              Response Ratio = -0.03223 + 0.50795 *A
```

Initial Calibration Summary

Job Number: M65798 **Sample:** MSJ548-ICC548
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10584.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
60) BROMOFORM    0.840 0.693 0.676 0.439 0.505 0.350 0.337       0.548  34.94
            ----- Linear regression -----  Coefficient =  0.9915
              Response Ratio = -0.10659 + 0.83820 *A

61) 4-BROMOFLUOR 0.680 0.679 0.639 0.589 0.601 0.554 0.506       0.607  10.61
62) 1,1,2,2-TETR 0.718 0.640 0.640 0.457 0.583 0.376 0.366       0.540  25.90
63) ISOPROPYLBEN 1.584 1.348 1.349 0.882 1.050 0.562 0.453       1.032  41.17
            ----- Linear regression -----  Coefficient =  0.9938
              Response Ratio = -0.17672 + 1.58378 *A

64) 2-CHLOROTOLU 1.125 0.965 0.965 0.592 0.640 0.359 0.324       0.710  44.30
            ----- Linear regression -----  Coefficient =  0.9941
              Response Ratio = -0.13201 + 1.12833 *A

65) 4-ETHYLTOLUE 1.528 1.281 1.209 0.737 0.729 0.368 0.280       0.876  54.23
            ----- Linear regression -----  Coefficient =  0.9923
              Response Ratio = -0.21351 + 1.53347 *A

66) 1,3,5-TRIMET 1.373 1.156 1.111 0.717 0.835 0.395 0.286       0.839  48.10
            ----- Linear regression -----  Coefficient =  0.9929
              Response Ratio = -0.17306 + 1.37393 *A

67) 1,2,4-TRIMET 1.326 1.092 1.052 0.638 0.639 0.317 0.249       0.759  53.86
            ----- Linear regression -----  Coefficient =  0.9913
              Response Ratio = -0.18730 + 1.32790 *A

68) m-DICHLOROBE 0.979 0.789 0.777 0.488 0.327 0.211 0.197       0.538  58.03
            ----- Linear regression -----  Coefficient =  0.9904
              Response Ratio = -0.14556 + 0.98012 *A

69) BENZYL CHLOR 0.822 0.657 0.660 0.355 0.144 0.106 0.079       0.403  76.34
         ----- Quadratic regression -----                Coefficient =  0.9982
              Response Ratio = -0.04210 + 0.54750 *A + 0.07122 *A^2

70) p-DICHLOROBE 0.927 0.747 0.741 0.442 0.241 0.174 0.154       0.489  64.45
            ----- Linear regression -----  Coefficient =  0.9904
              Response Ratio = -0.14231 + 0.92916 *A

71) o-DICHLOROBE 0.898 0.730 0.737 0.439 0.339 0.229 0.223       0.514  53.08
            ----- Linear regression -----  Coefficient =  0.9909
              Response Ratio = -0.12742 + 0.89883 *A

72) HEXACHLOROBU 0.580 0.478 0.516 0.311 0.453 0.373 0.380       0.442  21.05
73) 1,2,4-TRICHL 0.353 0.294 0.311 0.147 0.049 0.059 0.043       0.180  76.22
         ----- Quadratic regression -----                Coefficient =  0.9970
              Response Ratio = -0.02240 + 0.26486 *A + 0.02348 *A^2

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

          J060707T.M        Fri Jun 08 15:32:56 2007
```

Continuing Calibration Summary

Job Number: M65798 **Sample:** MSJ548-CC548
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10587A.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

```
Data File : C:\MSDCHEM\1\DATA\J10587A.D                    Vial: 3
Acq On    :  7 Jun 2007   4:48 pm                     Operator: danat
Sample    : cc548-10 (m179)                           Inst    : MSJ
Misc      : MS13684, MSJ548,,,,,1                     Multiplr: 1.00
MS Integration Params: LSCINT.P

Method       : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title        :  TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update  : Thu Jun 07 16:30:04 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	105	0.01	8.63
2	m	DICHLORODIFLUOROMETHANE	3.494	4.068	-16.4	106	0.00	4.08
3	m	PROPYLENE	0.608	0.709	-16.6	100	0.00	4.01
4	m	FREON 114	3.221	3.592	-11.5	106	0.00	4.34
5	m	CHLOROMETHANE	0.843	0.952	-12.9	101	0.00	4.25
6	m	VINYL CHLORIDE	0.991	1.149	-15.9	103	0.00	4.46
7	m	1,3-BUTADIENE	0.674	0.735	-9.1	97	0.00	4.59
8	m	BROMOMETHANE	1.129	1.345	-19.1	111	0.00	4.87
9	m	CHLOROETHANE	0.454	0.508	-11.9	108	0.00	5.04
10	m	TRICHLOROFLUOROMETHANE	3.591	3.934	-9.6	107	0.01	5.80
11	m	ISOPROPYL ALCOHOL	1.148	1.296	-12.9	97	0.02	6.00
12	m	ACETONE	1.355	1.125	17.0	85	0.02	5.68
13	m	PENTANE	0.843	0.900	-6.8	103	0.01	6.15
14	m	1,1-DICHLOROETHYLENE	1.054	1.196	-13.5	105	0.00	6.43
15	m	CARBON DISULFIDE	3.173	3.393	-6.9	102	0.02	6.86
16	m	ETHANOL	0.210	0.217	-3.3	89	0.00	5.25
17	m	BROMOETHENE	1.062	1.322	-24.5	113	0.00	5.39
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	9.443	5.6	106	0.01	6.56
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	0.713	0.768	-7.7	108	0.01	6.67
20	m	FREON 113	2.329	2.452	-5.3	107	0.01	6.80
21	m	TRANS-1,2-DICHLOROETHYLEN	1.014	1.126	-11.0	107	0.01	7.46
		----------	True	Calc.	% Drift	----------		
22	m	TERTIARY BUTYL ALCOHOL	10.000	9.475	5.3	99	0.03	6.61
		----------	AvgRF	CCRF	% Dev	----------		
23	m	METHYL TERTIARY BUTYL ETH	2.112	2.317	-9.7	90	0.01	7.75
24	m	TETRAHYDROFURAN	0.690	0.700	-1.4	87	0.02	9.20
		----------	True	Calc.	% Drift	----------		
25	m	HEXANE	10.000	9.677	3.2	103	0.01	8.64
		----------	AvgRF	CCRF	% Dev	----------		
26	m	VINYL ACETATE	1.346	1.370	-1.8	87	0.02	7.81
27	m	1,1-DICHLOROETHANE	1.689	1.745	-3.3	100	0.02	7.67
28	m	METHYL ETHYL KETONE	1.209	1.313	-8.6	92	0.01	8.09
29	m	cis-1,2-DICHLOROETHYLENE	0.989	1.063	-7.5	101	0.00	8.47
30	m	ETHYL ACETATE	1.308	1.353	-3.4	86	0.01	8.71

Continuing Calibration Summary

Job Number: M65798 **Sample:** MSJ548-CC548
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10587A.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

31	m	CHLOROFORM	2.381	2.363	0.8	96	0.01	8.76
32	m	1,1,1-TRICHLOROETHANE	2.596	2.649	-2.0	100	0.01	9.69
33	m	CARBON TETRACHLORIDE	3.062	3.355	-9.6	103	0.00	10.26
34	m	1,2-DICHLOROETHANE	1.324	1.317	0.5	87	0.00	9.46
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	102	0.01	10.45
36	m	BENZENE	0.551	0.558	-1.3	92	0.01	10.13
37	m	CYCLOHEXANE	0.249	0.290	-16.5	103	0.01	10.38
38	m	TRICHLOROETHYLENE	0.290	0.296	-2.1	90	0.00	11.12
39	m	1,2-DICHLOROPROPANE	0.189	0.187	1.1	87	0.00	10.91
40	m	BROMODICHLOROMETHANE	0.493	0.477	3.2	86	0.01	11.10
41	m	2,2,4-TRIMETHYLPENTANE	0.806	0.896	-11.2	101	0.00	11.13
			True	Calc.	% Drift			
42	m	1,4-DIOXANE	10.000	9.909	0.9	105	0.01	11.20
			AvgRF	CCRF	% Dev			
43	m	HEPTANE	0.266	0.274	-3.0	90	0.00	11.37
			True	Calc.	% Drift			
44	m	METHYL ISOBUTYL KETONE	10.000	8.289	17.1	86	0.00	12.02
45	m	cis-1,3-DICHLOROPROPENE	10.000	8.838	11.6	90	0.00	11.95
46	m	TOLUENE	10.000	8.271	17.3	84	0.00	12.90
47	m	trans-1,3-DICHLOROPROPENE	10.000	8.282	17.2	75	0.00	12.45
			AvgRF	CCRF	% Dev			
48	m	1,1,2-TRICHLOROETHANE	0.200	0.202	-1.0	87	0.00	12.64
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	98	0.00	14.68
			True	Calc.	% Drift			
50	m	2-HEXANONE	10.000	8.766	12.3	87	0.01	13.20
			AvgRF	CCRF	% Dev			
51	m	TETRACHLOROETHYLENE	0.393	0.411	-4.6	90	0.00	14.02
52	m	DIBROMOCHLOROMETHANE	0.552	0.563	-2.0	85	0.00	13.34
			True	Calc.	% Drift			
53	m	1,2-DIBROMOETHANE	10.000	8.572	14.3	86	0.00	13.59
			AvgRF	CCRF	% Dev			
54	m	CHLOROBENZENE	0.525	0.628	-19.6	84	0.00	14.73
			True	Calc.	% Drift			
55	m	ETHYLBENZENE	10.000	8.363	16.4	82	0.00	15.10
56	m	m,p-XYLENE	20.000	16.936	15.3	84	0.00	15.29
57	m	o-XYLENE	10.000	8.232	17.7	81	0.00	15.80
58	m	STYRENE	10.000	9.160	8.4	83	0.00	15.68
59	m	NONANE	10.000	8.512	14.9	81	0.00	15.98
60	m	BROMOFORM	10.000	8.052	19.5	83	0.00	15.41
			AvgRF	CCRF	% Dev			
61	S	4-BROMOFLUOROBENZENE	0.531	0.634	-19.4	98	0.00	16.30
62	m	1,1,2,2-TETRACHLOROETHANE	0.540	0.532	1.5	82	0.00	15.81
			True	Calc.	% Drift			
63	m	ISOPROPYLBENZENE	10.000	8.378	16.2	84	0.00	16.44
64	m	2-CHLOROTOLUENE	10.000	8.225	17.8	81	0.00	16.99
65	m	4-ETHYLTOLUENE	10.000	7.492	25.1	76	0.00	17.18
66	m	1,3,5-TRIMETHYLBENZENE	10.000	7.816	21.8	80	0.00	17.26

Continuing Calibration Summary

Job Number: M65798 **Sample:** MSJ548-CC548
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10587A.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

67 m	1,2,4-TRIMETHYLBENZENE	10.000	7.769	22.3	79	0.00	17.73
68 m	m-DICHLOROBENZENE	10.000	7.748	22.5	78	0.00	17.91
69 m	BENZYL CHLORIDE	10.000	9.047	9.5	76	0.00	17.90
70 m	p-DICHLOROBENZENE	10.000	7.849	21.5	78	0.00	17.99
71 m	o-DICHLOROBENZENE	10.000	8.033	19.7	79	0.00	18.38
	----------	AvgRF	CCRF	% Dev	----------		
72 m	HEXACHLOROBUTADIENE	0.442	0.528	-19.5	101	0.00	20.76
	----------	True	Calc.	% Drift	----------		
73 m	1,2,4-TRICHLOROBENZENE	10.000	12.027	-20.3	104	0.00	20.27
	----------	AvgRF	CCRF	% Dev	----------		
74 m	NAPHTHALENE	0.000	0.000	0.0	0#	0.00	20.40

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

(#) = Out of Range SPCC's out = 0 CCC's out = 0
J10584.D J060707T.M Fri Jun 08 15:36:35 2007

Initial Calibration Verification

Job Number: M65798 **Sample:** MSJ548-ICV548
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10587.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\J10587.D Vial: 3
Acq On : 7 Jun 2007 4:48 pm Operator: danat
Sample : icv548-10 (m179) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:30:04 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	105	0.01	8.63
2	m	DICHLORODIFLUOROMETHANE	3.494	4.068	-16.4	106	0.00	4.08
3	m	PROPYLENE	0.608	0.709	-16.6	100	0.00	4.01
4	m	FREON 114	3.221	3.592	-11.5	106	0.00	4.34
5	m	CHLOROMETHANE	0.843	0.952	-12.9	101	0.00	4.25
6	m	VINYL CHLORIDE	0.991	1.149	-15.9	103	0.00	4.46
7	m	1,3-BUTADIENE	0.674	0.735	-9.1	97	0.00	4.59
8	m	BROMOMETHANE	1.129	1.345	-19.1	111	0.00	4.87
9	m	CHLOROETHANE	0.454	0.508	-11.9	108	0.00	5.04
10	m	TRICHLOROFLUOROMETHANE	3.591	3.934	-9.6	107	0.01	5.80
11	m	ISOPROPYL ALCOHOL	1.148	1.296	-12.9	97	0.02	6.00
12	m	ACETONE	1.355	1.125	17.0	85	0.02	5.68
13	m	PENTANE	0.843	0.900	-6.8	103	0.01	6.15
14	m	1,1-DICHLOROETHYLENE	1.054	1.196	-13.5	105	0.00	6.43
15	m	CARBON DISULFIDE	3.173	3.393	-6.9	102	0.02	6.86
16	m	ETHANOL	0.210	0.217	-3.3	89	0.00	5.25
17	m	BROMOETHENE	1.062	1.322	-24.5	113	0.00	5.39
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	9.443	5.6	106	0.01	6.56
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	0.713	0.768	-7.7	108	0.01	6.67
20	m	FREON 113	2.329	2.452	-5.3	107	0.01	6.80
21	m	TRANS-1,2-DICHLOROETHYLEN	1.014	1.126	-11.0	107	0.01	7.46
		----------	True	Calc.	% Drift	----------		
22	m	TERTIARY BUTYL ALCOHOL	10.000	9.475	5.3	99	0.03	6.61
		----------	AvgRF	CCRF	% Dev	----------		
23	m	METHYL TERTIARY BUTYL ETH	2.112	2.317	-9.7	90	0.01	7.75
24	m	TETRAHYDROFURAN	0.690	0.700	-1.4	87	0.02	9.20
		----------	True	Calc.	% Drift	----------		
25	m	HEXANE	10.000	9.677	3.2	103	0.01	8.64
		----------	AvgRF	CCRF	% Dev	----------		
26	m	VINYL ACETATE	1.346	1.370	-1.8	87	0.02	7.81
27	m	1,1-DICHLOROETHANE	1.689	1.745	-3.3	100	0.02	7.67
28	m	METHYL ETHYL KETONE	1.209	1.313	-8.6	92	0.01	8.09
29	m	cis-1,2-DICHLOROETHYLENE	0.989	1.063	-7.5	101	0.00	8.47
30	m	ETHYL ACETATE	1.308	1.353	-3.4	86	0.01	8.71

Initial Calibration Verification

Job Number: M65798 **Sample:** MSJ548-ICV548
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10587.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

31	m	CHLOROFORM	2.381	2.363	0.8	96	0.01	8.76
32	m	1,1,1-TRICHLOROETHANE	2.596	2.649	-2.0	100	0.01	9.69
33	m	CARBON TETRACHLORIDE	3.062	3.355	-9.6	103	0.00	10.26
34	m	1,2-DICHLOROETHANE	1.324	1.317	0.5	87	0.00	9.46
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	102	0.01	10.45
36	m	BENZENE	0.551	0.558	-1.3	92	0.01	10.13
37	m	CYCLOHEXANE	0.249	0.290	-16.5	103	0.01	10.38
38	m	TRICHLOROETHYLENE	0.290	0.296	-2.1	90	0.00	11.12
39	m	1,2-DICHLOROPROPANE	0.189	0.187	1.1	87	0.00	10.91
40	m	BROMODICHLOROMETHANE	0.493	0.477	3.2	86	0.01	11.10
41	m	2,2,4-TRIMETHYLPENTANE	0.806	0.896	-11.2	101	0.00	11.13
			True	Calc.	% Drift			
42	m	1,4-DIOXANE	10.000	9.909	0.9	105	0.01	11.20
			AvgRF	CCRF	% Dev			
43	m	HEPTANE	0.266	0.274	-3.0	90	0.00	11.37
			True	Calc.	% Drift			
44	m	METHYL ISOBUTYL KETONE	10.000	8.289	17.1	86	0.00	12.02
45	m	cis-1,3-DICHLOROPROPENE	10.000	8.838	11.6	90	0.00	11.95
46	m	TOLUENE	10.000	8.271	17.3	84	0.00	12.90
47	m	trans-1,3-DICHLOROPROPENE	10.000	8.282	17.2	75	0.00	12.45
			AvgRF	CCRF	% Dev			
48	m	1,1,2-TRICHLOROETHANE	0.200	0.202	-1.0	87	0.00	12.64
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	98	0.00	14.68
			True	Calc.	% Drift			
50	m	2-HEXANONE	10.000	8.766	12.3	87	0.01	13.20
			AvgRF	CCRF	% Dev			
51	m	TETRACHLOROETHYLENE	0.393	0.411	-4.6	90	0.00	14.02
52	m	DIBROMOCHLOROMETHANE	0.552	0.563	-2.0	85	0.00	13.34
			True	Calc.	% Drift			
53	m	1,2-DIBROMOETHANE	10.000	8.572	14.3	86	0.00	13.59
			AvgRF	CCRF	% Dev			
54	m	CHLOROBENZENE	0.525	0.628	-19.6	84	0.00	14.73
			True	Calc.	% Drift			
55	m	ETHYLBENZENE	10.000	8.363	16.4	82	0.00	15.10
56	m	m,p-XYLENE	20.000	16.936	15.3	84	0.00	15.29
57	m	o-XYLENE	10.000	8.232	17.7	81	0.00	15.80
58	m	STYRENE	10.000	9.160	8.4	83	0.00	15.68
59	m	NONANE	10.000	8.512	14.9	81	0.00	15.98
60	m	BROMOFORM	10.000	8.052	19.5	83	0.00	15.41
			AvgRF	CCRF	% Dev			
61	S	4-BROMOFLUOROBENZENE	0.531	0.634	-19.4	98	0.00	16.30
62	m	1,1,2,2-TETRACHLOROETHANE	0.540	0.532	1.5	82	0.00	15.81
			True	Calc.	% Drift			
63	m	ISOPROPYLBENZENE	10.000	8.378	16.2	84	0.00	16.44
64	m	2-CHLOROTOLUENE	10.000	8.225	17.8	81	0.00	16.99
65	m	4-ETHYLTOLUENE	10.000	7.492	25.1	76	0.00	17.18
66	m	1,3,5-TRIMETHYLBENZENE	10.000	7.816	21.8	80	0.00	17.26

Initial Calibration Verification

Job Number: M65798 **Sample:** MSJ548-ICV548
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10587.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

67 m	1,2,4-TRIMETHYLBENZENE	10.000	7.769	22.3	79	0.00	17.73
68 m	m-DICHLOROBENZENE	10.000	7.748	22.5	78	0.00	17.91
69 m	BENZYL CHLORIDE	10.000	9.047	9.5	76	0.00	17.90
70 m	p-DICHLOROBENZENE	10.000	7.849	21.5	78	0.00	17.99
71 m	o-DICHLOROBENZENE	10.000	8.033	19.7	79	0.00	18.38
	----------	AvgRF	CCRF	% Dev	----------		
72 m	HEXACHLOROBUTADIENE	0.442	0.528	-19.5	101	0.00	20.76
	----------	True	Calc.	% Drift	----------		
73 m	1,2,4-TRICHLOROBENZENE	10.000	12.027	-20.3	104	0.00	20.27
	----------	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
J10584.D J060707T.M Fri Jun 08 15:32:24 2007

Initial Calibration Summary

Job Number: M65798 **Sample:** MSJ557-ICC557
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10762.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Response Factor Report MSJ

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:16:44 2007
Response via : Initial Calibration

Calibration Files
40 =J10760.D 20 =J10761.D 10 =J10762.D 5 =J10763.D
2 =J10765.D .5 =J10757.D .2 =J10758.D 4 =J10094.D

Compound	40	20	10	5	2	.5	.2	4	Avg	%RSD
1) I BROMOCHLOROMETHANE	----------ISTD----------									
2) DICHLORODIFL	3.368	3.221	3.102	3.260	3.558	4.875	3.538		3.560	16.94
3) PROPYLENE	0.561	0.534	0.505	0.499	0.528	0.654	0.385		0.524	15.32
4) FREON 114	2.914	3.003	2.694	2.762	3.239	3.983	3.114		3.101	13.95
5) CHLOROMETHAN	0.716	0.727	0.660	0.682	0.800	1.020	0.789		0.771	15.74
6) VINYL CHLORI	0.859	0.887	0.794	0.801	0.918	1.112	0.818		0.884	12.51
7) 1,3-BUTADIEN	0.682	0.684	0.594	0.595	0.642	0.768	0.413		0.625	17.76
8) BROMOMETHANE	0.962	1.031	0.930	0.919	1.076	1.326	0.776		1.003	17.07
9) CHLOROETHANE	0.410	0.425	0.385	0.367	0.453	0.537	0.289		0.409	18.72
10) TRICHLOROFLU	3.507	3.502	3.217	3.289	3.974	4.957	3.738		3.741	15.90
11) ISOPROPYL AL	1.063	1.159	1.063	0.838	1.257	1.421			1.134	17.47
12) ACETONE	1.117	1.143	1.021	0.950	1.590	5.313	2.429		1.937	81.27
----- Linear regression ----- Coefficient = 0.9959										
Response Ratio = 0.04897 + 1.09899 *A										
13) PENTANE	0.755	0.761	0.693	0.696	0.800	1.916	0.770		0.913	48.63
----- Linear regression ----- Coefficient = 0.9989										
Response Ratio = 0.00156 + 0.75190 *A										
14) 1,1-DICHLORO	0.981	1.022	0.934	0.891	0.948	1.206	0.699		0.954	15.92
15) CARBON DISUL	2.701	2.763	2.590	2.601	2.918	3.861	2.829		2.895	15.27
16) ETHANOL	0.179	0.190	0.168	0.136	0.189	0.347			0.201	36.78
----- Linear regression ----- Coefficient = 0.9971										
Response Ratio = -0.00259 + 0.18086 *A										
17) BROMOETHENE	1.000	1.053	0.953	0.912	0.956	1.131	0.768		0.967	11.82
18) METHYLENE CH	0.878	0.885	0.857	0.860	2.229	3.591	3.261		1.795	68.18
----- Linear regression ----- Coefficient = 0.9942										
Response Ratio = 0.09939 + 0.84516 *A										
19) 3-CHLOROPROP	0.975	0.788	0.655	0.637	0.769	0.982	0.470		0.754	24.59
20) FREON 113	2.210	2.227	2.002	1.956	2.527	3.160	2.309		2.342	17.43
21) TRANS-1,2-DI	0.977	0.957	0.888	0.828	0.946	1.108	0.746		0.921	12.55
22) TERTIARY BUT	1.409	1.523	1.434	1.014	1.036	1.059			1.246	18.70
23) METHYL TERTI	2.078	2.196	1.959	1.665	1.993	2.263	1.209		1.909	19.08
24) TETRAHYDROFU	0.651	0.656	0.573	0.481	0.574	0.541			0.579	11.49
25) HEXANE	1.056	1.043	0.938	0.890	1.229	1.799	1.157		1.159	26.35
26) VINYL ACETAT	1.351	1.394	1.155	1.059	1.182	1.490			1.272	12.96
27) 1,1-DICHLORO	1.647	1.594	1.398	1.377	1.823	2.050	1.374		1.609	15.95
28) METHYL ETHYL	1.224	1.254	1.110	0.957	1.346	1.566	1.020		1.211	17.09
29) cis-1,2-DICH	0.977	0.910	0.813	0.746	0.924	1.081	0.701		0.879	15.18
30) ETHYL ACETAT	1.369	1.369	1.195	1.042	1.378	1.156			1.252	11.27
31) CHLOROFORM	2.269	2.147	1.932	1.854	2.449	2.977	2.165		2.256	16.63
32) 1,1,1-TRICHL	2.769	2.504	2.284	2.150	2.967	3.342	2.281		2.614	16.57
33) CARBON TETRA	3.343	3.154	2.944	2.719	3.477	4.090	2.925		3.236	14.13
34) 1,2-DICHLORO	1.393	1.340	1.147	1.113	1.425	1.638	1.053		1.301	15.97

Initial Calibration Summary

Job Number: M65798 **Sample:** MSJ557-ICC557
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10762.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
35) I   1,4-DIFLUOROBENZENE   ----------------ISTD---------------------
36) BENZENE      0.561 0.523 0.444 0.403 0.513 0.527 0.306       0.468  19.17
37) CYCLOHEXANE  0.260 0.250 0.225 0.200 0.209 0.217             0.227  10.38
38) TRICHLOROETH 0.299 0.271 0.241 0.218 0.280 0.306 0.196       0.259  16.03
39) 1,2-DICHLORO 0.189 0.169 0.145 0.136 0.171 0.174 0.125       0.159  14.66
40) BROMODICHLOR 0.520 0.474 0.409 0.381 0.492 0.581 0.401       0.465  15.60
41) 2,2,4-TRIMET 0.926 0.820 0.705 0.620 0.792 0.796 0.296       0.708  28.96
42) 1,4-DIOXANE  0.100 0.096 0.081 0.056 0.099 0.090             0.087  19.13
43) HEPTANE      0.293 0.263 0.227 0.201 0.256 0.224 0.100       0.224  27.86
44) METHYL ISOBU 0.357 0.328 0.274 0.208 0.299 0.236             0.283  19.65
45) cis-1,3-DICH 0.299 0.280 0.230 0.193 0.204 0.182 0.104       0.213  30.47
            ----- Linear regression -----  Coefficient =  0.9964
              Response Ratio = -0.02976 + 0.30133 *A

46) TOLUENE      0.424 0.384 0.319 0.280 0.315 0.295 0.156       0.310  27.43
47) trans-1,3-DI 0.303 0.275 0.220 0.183 0.174 0.147 0.083       0.198  38.06
         ----- Quadratic regression -----                Coefficient =  0.9989
              Response Ratio = -0.01325 + 0.23504 *A + 0.01807 *A^2

48) 1,1,2-TRICHL 0.197 0.181 0.157 0.144 0.180 0.196 0.142       0.171  13.54

49) I   CHLOROBENZENE-D5      ----------------ISTD---------------------
50) 2-HEXANONE   0.313 0.288 0.255 0.183 0.232 0.173             0.241  23.28
51) TETRACHLOROE 0.389 0.360 0.318 0.283 0.346 0.381 0.243       0.331  16.16
52) DIBROMOCHLOR 0.536 0.526 0.469 0.420 0.524 0.584 0.408       0.495  13.11
53) 1,2-DIBROMOE 0.389 0.377 0.329 0.289 0.332 0.356 0.228       0.328  16.94
54) CHLOROBENZEN 0.608 0.587 0.519 0.464 0.550 0.561 0.394       0.526  14.24
55) ETHYLBENZENE 0.947 0.907 0.796 0.673 0.737 0.495 0.239       0.685  36.16
            ----- Linear regression -----  Coefficient =  0.9982
              Response Ratio = -0.07306 + 0.95531 *A

56) m,p-XYLENE   0.397 0.372 0.327 0.279 0.315 0.204 0.087       0.283  37.75
            ----- Linear regression -----  Coefficient =  0.9977
              Response Ratio = -0.06549 + 0.39936 *A

57) o-XYLENE     0.405 0.373 0.329 0.273 0.319 0.175 0.069       0.277  42.62
            ----- Linear regression -----  Coefficient =  0.9970
              Response Ratio = -0.03674 + 0.40695 *A

58) STYRENE      0.579 0.525 0.421 0.323 0.288 0.148 0.068       0.336  55.93
            ----- Linear regression -----  Coefficient =  0.9947
              Response Ratio = -0.07685 + 0.58626 *A

59) NONANE       0.416 0.382 0.333 0.278 0.380 0.147             0.323  30.48
            ----- Linear regression -----  Coefficient =  0.9967
              Response Ratio = -0.04651 + 0.42111 *A

60) BROMOFORM    0.593 0.544 0.466 0.396 0.502 0.511 0.335       0.478  18.39
61) 4-BROMOFLUOR 0.731 0.693 0.662 0.627 0.653 0.552 0.503       0.631  12.62
62) 1,1,2,2-TETR 0.508 0.465 0.401 0.346 0.522 0.456 0.265       0.423  21.80
63) ISOPROPYLBEN 1.156 1.075 0.925 0.754 0.947 0.524 0.212       0.799  41.62
            ----- Linear regression -----  Coefficient =  0.9968
              Response Ratio = -0.10637 + 1.16342 *A

64) 2-CHLOROTOLU 0.820 0.742 0.627 0.501 0.600 0.320 0.146       0.537  44.06
            ----- Linear regression -----  Coefficient =  0.9954
              Response Ratio = -0.08980 + 0.82500 *A

65) 4-ETHYLTOLUE 1.123 0.996 0.778 0.602 0.696 0.277 0.127       0.657  54.75
```

Initial Calibration Summary

Job Number: M65798 **Sample:** MSJ557-ICC557
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10762.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
            ----- Linear regression -----  Coefficient =  0.9930
              Response Ratio = -0.15365 + 1.13173 *A

66) 1,3,5-TRIMET 0.993 0.886 0.735 0.585 0.783 0.319 0.119       0.632  49.71
            ----- Linear regression -----  Coefficient =  0.9943
              Response Ratio = -0.11488 + 0.99783 *A

67) 1,2,4-TRIMET 0.939 0.811 0.667 0.509 0.632 0.226 0.087       0.553  55.26
            ----- Linear regression -----  Coefficient =  0.9924
              Response Ratio = -0.12628 + 0.94228 *A

68) m-DICHLOROBE 0.677 0.568 0.483 0.403 0.420 0.266 0.137       0.422  42.85
            ----- Linear regression -----  Coefficient =  0.9914
              Response Ratio = -0.08962 + 0.67658 *A

69) BENZYL CHLOR 0.564 0.458 0.387 0.284 0.231 0.072             0.333  52.55
            ----- Linear regression -----  Coefficient =  0.9906
              Response Ratio = -0.11648 + 0.57403 *A

70) p-DICHLOROBE 0.645 0.543 0.467 0.384 0.344 0.197 0.098       0.383  49.81
            ----- Linear regression -----  Coefficient =  0.9921
              Response Ratio = -0.08702 + 0.64524 *A

71) o-DICHLOROBE 0.595 0.493 0.419 0.340 0.416 0.255 0.127       0.378  40.83
            ----- Linear regression -----  Coefficient =  0.9902
              Response Ratio = -0.07928 + 0.59303 *A

72) HEXACHLOROBU 0.367 0.323 0.296 0.231 0.743 0.360 0.220       0.363  48.82
         ----- Quadratic regression -----                Coefficient =  0.9951
              Response Ratio = 0.02088 + 0.25448 *A + 0.02689 *A^2

73) 1,2,4-TRICHL 0.228 0.197 0.166 0.113 0.146 0.072             0.154  36.61
            ----- Linear regression -----  Coefficient =  0.9933
              Response Ratio = -0.03971 + 0.23216 *A

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

          J062507T.M        Tue Jun 26 11:26:42 2007
```

Initial Calibration Verification

Job Number: M65798 **Sample:** MSJ557-ICV557
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10768.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\J10768.D Vial: 1
Acq On : 26 Jun 2007 11:20 am Operator: danat
Sample : icv557-10 (M080) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:16:44 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	93	0.00	8.63
2	m	DICHLORODIFLUOROMETHANE	3.560	3.752	-5.4	113	0.00	4.07
3	m	PROPYLENE	0.524	0.599	-14.3	111	0.00	4.00
4	m	FREON 114	3.101	2.921	5.8	101	0.00	4.33
5	m	CHLOROMETHANE	0.771	0.767	0.5	108	0.00	4.24
6	m	VINYL CHLORIDE	0.884	0.867	1.9	102	0.01	4.46
7	m	1,3-BUTADIENE	0.625	0.646	-3.4	101	0.00	4.59
8	m	BROMOMETHANE	1.003	0.989	1.4	99	0.00	4.86
9	m	CHLOROETHANE	0.409	0.401	2.0	97	0.00	5.04
10	m	TRICHLOROFLUOROMETHANE	3.741	3.576	4.4	104	0.00	5.80
11	m	ISOPROPYL ALCOHOL	1.134	1.023	9.8	90	0.00	5.98
		----------	True	Calc.	% Drift	----------		
12	m	ACETONE	10.000	8.820	11.8	93	0.01	5.67
13	m	PENTANE	10.000	10.098	-1.0	102	0.00	6.14
		----------	AvgRF	CCRF	% Dev	----------		
14	m	1,1-DICHLOROETHYLENE	0.954	0.903	5.3	90	0.00	6.43
15	m	CARBON DISULFIDE	2.895	2.700	6.7	97	0.00	6.86
		----------	True	Calc.	% Drift	----------		
16	m	ETHANOL	10.000	9.662	3.4	95	0.01	5.24
		----------	AvgRF	CCRF	% Dev	----------		
17	m	BROMOETHENE	0.967	0.957	1.0	94	0.00	5.39
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	8.509	14.9	89	0.00	6.56
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	0.754	0.728	3.4	103	0.01	6.67
20	m	FREON 113	2.342	2.044	12.7	95	0.00	6.80
21	m	TRANS-1,2-DICHLOROETHYLEN	0.921	0.877	4.8	92	0.00	7.46
22	m	TERTIARY BUTYL ALCOHOL	1.246	1.413	-13.4	92	0.01	6.58
23	m	METHYL TERTIARY BUTYL ETH	1.909	1.855	2.8	88	0.01	7.75
24	m	TETRAHYDROFURAN	0.579	0.568	1.9	92	0.00	9.19
25	m	HEXANE	1.159	0.958	17.3	95	0.00	8.64
26	m	VINYL ACETATE	1.272	1.096	13.8	88	0.00	7.81
27	m	1,1-DICHLOROETHANE	1.609	1.497	7.0	100	0.00	7.66
28	m	METHYL ETHYL KETONE	1.211	1.131	6.6	95	0.00	8.08
29	m	cis-1,2-DICHLOROETHYLENE	0.879	0.823	6.4	94	0.00	8.47
30	m	ETHYL ACETATE	1.252	1.191	4.9	93	0.00	8.70

Initial Calibration Verification

Job Number: M65798 **Sample:** MSJ557-ICV557
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10768.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

31	m	CHLOROFORM	2.256	2.090	7.4	101	0.00	8.75
32	m	1,1,1-TRICHLOROETHANE	2.614	2.466	5.7	101	0.00	9.69
33	m	CARBON TETRACHLORIDE	3.236	3.274	-1.2	104	0.00	10.26
34	m	1,2-DICHLOROETHANE	1.301	1.240	4.7	101	0.00	9.46
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	90	0.00	10.45
36	m	BENZENE	0.468	0.466	0.4	94	0.00	10.13
37	m	CYCLOHEXANE	0.227	0.243	-7.0	97	0.00	10.37
38	m	TRICHLOROETHYLENE	0.259	0.271	-4.6	101	0.00	11.12
39	m	1,2-DICHLOROPROPANE	0.159	0.159	0.0	99	0.00	10.91
40	m	BROMODICHLOROMETHANE	0.465	0.451	3.0	99	0.00	11.10
41	m	2,2,4-TRIMETHYLPENTANE	0.708	0.815	-15.1	104	0.00	11.12
42	m	1,4-DIOXANE	0.087	0.087	0.0	97	0.00	11.19
43	m	HEPTANE	0.224	0.253	-12.9	100	0.00	11.36
44	m	METHYL ISOBUTYL KETONE	0.283	0.296	-4.6	97	0.00	12.01
		----------	True	Calc.	% Drift	----------		
45	m	cis-1,3-DICHLOROPROPENE	10.000	9.405	6.0	99	0.00	11.94
		----------	AvgRF	CCRF	% Dev	----------		
46	m	TOLUENE	0.310	0.342	-10.3	96	0.00	12.89
		----------	True	Calc.	% Drift	----------		
47	m	trans-1,3-DICHLOROPROPENE	10.000	8.701	13.0	84	0.00	12.45
		----------	AvgRF	CCRF	% Dev	----------		
48	m	1,1,2-TRICHLOROETHANE	0.171	0.175	-2.3	101	0.00	12.63
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	91	0.00	14.68
50	m	2-HEXANONE	0.241	0.258	-7.1	92	0.00	13.18
51	m	TETRACHLOROETHYLENE	0.331	0.352	-6.3	101	0.00	14.01
52	m	DIBROMOCHLOROMETHANE	0.495	0.511	-3.2	99	0.00	13.33
53	m	1,2-DIBROMOETHANE	0.328	0.353	-7.6	98	0.00	13.58
54	m	CHLOROBENZENE	0.460	0.561	-22.0	99	0.00	14.72
		----------	True	Calc.	% Drift	----------		
55	m	ETHYLBENZENE	10.000	9.766	2.3	98	0.00	15.09
56	m	m,p-XYLENE	20.000	19.851	0.7	101	0.00	15.29
57	m	o-XYLENE	10.000	9.857	1.4	101	0.00	15.79
58	m	STYRENE	10.000	9.217	7.8	100	0.00	15.68
59	m	NONANE	10.000	10.451	-4.5	108	0.00	15.97
		----------	AvgRF	CCRF	% Dev	----------		
60	m	BROMOFORM	0.478	0.528	-10.5	103	0.00	15.41
61	S	4-BROMOFLUOROBENZENE	0.552	0.673	-21.9	93	0.00	16.30
62	m	1,1,2,2-TETRACHLOROETHANE	0.423	0.501	-18.4	114	0.00	15.80
		----------	True	Calc.	% Drift	----------		
63	m	ISOPROPYLBENZENE	10.000	10.228	-2.3	107	0.00	16.43
64	m	2-CHLOROTOLUENE	10.000	10.226	-2.3	110	0.00	16.99
65	m	4-ETHYLTOLUENE	10.000	9.084	9.2	102	0.00	17.17
66	m	1,3,5-TRIMETHYLBENZENE	10.000	9.988	0.1	109	0.00	17.26
67	m	1,2,4-TRIMETHYLBENZENE	10.000	9.953	0.5	111	0.00	17.72
68	m	m-DICHLOROBENZENE	10.000	10.222	-2.2	114	0.00	17.91
69	m	BENZYL CHLORIDE	10.000	10.065	-0.6	109	0.00	17.89
70	m	p-DICHLOROBENZENE	10.000	10.075	-0.7	110	0.00	17.99
71	m	o-DICHLOROBENZENE	10.000	10.662	-6.6	120	0.00	18.37
72	m	HEXACHLOROBUTADIENE	10.000	14.409	-44.1#	137	0.00	20.76
73	m	1,2,4-TRICHLOROBENZENE	10.000	11.586	-15.9	126	0.00	20.27

Initial Calibration Verification

Job Number: M65798 **Sample:** MSJ557-ICV557
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10768.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    J10762.D   J062507T.M       Tue Jun 26 11:52:32 2007
```

Continuing Calibration Summary

Job Number: M65798 **Sample:** MSJ558-CC557
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10794.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\J10794.D Vial: 1
Acq On : 27 Jun 2007 12:22 pm Operator: danat
Sample : cc557-10 (M080) Inst : MSJ
Misc : MS13762, MSJ558,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:15:12 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	103	-0.02	8.60
2	m	DICHLORODIFLUOROMETHANE	3.560	3.328	6.5	110	0.00	4.07
3	m	PROPYLENE	0.524	0.532	-1.5	108	0.00	4.00
4	m	FREON 114	3.101	2.746	11.4	105	0.00	4.32
5	m	CHLOROMETHANE	0.771	0.698	9.5	109	0.00	4.23
6	m	VINYL CHLORIDE	0.884	0.797	9.8	103	0.00	4.45
7	m	1,3-BUTADIENE	0.625	0.602	3.7	104	0.00	4.58
8	m	BROMOMETHANE	1.003	0.927	7.6	103	-0.01	4.85
9	m	CHLOROETHANE	0.409	0.382	6.6	102	-0.02	5.01
10	m	TRICHLOROFLUOROMETHANE	3.741	3.332	10.9	107	-0.02	5.77
11	m	ISOPROPYL ALCOHOL	1.134	0.935	17.5	90	0.04	6.02
		----------	True	Calc.	% Drift	----------		
12	m	ACETONE	10.000	8.628	13.7	100	0.00	5.65
13	m	PENTANE	10.000	10.223	-2.2	114	-0.02	6.11
		----------	AvgRF	CCRF	% Dev	----------		
14	m	1,1-DICHLOROETHYLENE	0.954	0.850	10.9	94	-0.02	6.40
15	m	CARBON DISULFIDE	2.895	2.516	13.1	100	-0.02	6.83
		----------	True	Calc.	% Drift	----------		
16	m	ETHANOL	10.000	7.854	21.5	85	0.03	5.26
		----------	AvgRF	CCRF	% Dev	----------		
17	m	BROMOETHENE	0.967	0.911	5.8	98	-0.01	5.37
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	8.039	19.6	93	-0.03	6.52
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	0.754	0.851	-12.9	134	-0.02	6.64
20	m	FREON 113	2.342	1.942	17.1	100	-0.03	6.77
21	m	TRANS-1,2-DICHLOROETHYLEN	0.921	0.833	9.6	97	-0.02	7.43
22	m	TERTIARY BUTYL ALCOHOL	1.246	1.164	6.6	84	0.05	6.62
23	m	METHYL TERTIARY BUTYL ETH	1.909	1.743	8.7	92	-0.01	7.72
24	m	TETRAHYDROFURAN	0.579	0.543	6.2	98	-0.01	9.17
25	m	HEXANE	1.159	0.934	19.4	102	-0.02	8.61
26	m	VINYL ACETATE	1.272	1.107	13.0	99	-0.02	7.79
27	m	1,1-DICHLOROETHANE	1.609	1.435	10.8	106	-0.02	7.63
28	m	METHYL ETHYL KETONE	1.211	1.072	11.5	99	0.00	8.07
29	m	cis-1,2-DICHLOROETHYLENE	0.879	0.787	10.5	100	-0.02	8.44
30	m	ETHYL ACETATE	1.252	1.162	7.2	100	-0.01	8.69

Continuing Calibration Summary

Job Number: M65798 **Sample:** MSJ558-CC557
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10794.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

31	m	CHLOROFORM	2.256	2.040	9.6	109	-0.02	8.73
32	m	1,1,1-TRICHLOROETHANE	2.614	2.292	12.3	103	-0.02	9.67
33	m	CARBON TETRACHLORIDE	3.236	3.053	5.7	107	-0.02	10.24
34	m	1,2-DICHLOROETHANE	1.301	1.187	8.8	107	-0.01	9.44
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	101	-0.01	10.43
36	m	BENZENE	0.468	0.439	6.2	100	-0.01	10.11
37	m	CYCLOHEXANE	0.227	0.222	2.2	100	-0.02	10.35
38	m	TRICHLOROETHYLENE	0.259	0.258	0.4	108	0.00	11.11
39	m	1,2-DICHLOROPROPANE	0.159	0.152	4.4	106	0.00	10.90
40	m	BROMODICHLOROMETHANE	0.465	0.430	7.5	107	0.00	11.09
41	m	2,2,4-TRIMETHYLPENTANE	0.708	0.754	-6.5	108	-0.01	11.11
42	m	1,4-DIOXANE	0.087	0.080	8.0	100	0.01	11.19
43	m	HEPTANE	0.224	0.241	-7.6	107	-0.01	11.35
44	m	METHYL ISOBUTYL KETONE	0.283	0.273	3.5	101	0.01	12.01
		----------	True	Calc.	% Drift	----------		
45	m	cis-1,3-DICHLOROPROPENE	10.000	8.772	12.3	103	0.00	11.94
		----------	AvgRF	CCRF	% Dev	----------		
46	m	TOLUENE	0.310	0.324	-4.5	103	0.00	12.89
		----------	True	Calc.	% Drift	----------		
47	m	trans-1,3-DICHLOROPROPENE	10.000	7.398	26.0	87	0.00	12.45
		----------	AvgRF	CCRF	% Dev	----------		
48	m	1,1,2-TRICHLOROETHANE	0.171	0.166	2.9	107	0.00	12.63
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	102	0.00	14.68
50	m	2-HEXANONE	0.241	0.228	5.4	92	0.02	13.20
51	m	TETRACHLOROETHYLENE	0.331	0.332	-0.3	107	0.00	14.01
52	m	DIBROMOCHLOROMETHANE	0.495	0.488	1.4	107	0.00	13.34
53	m	1,2-DIBROMOETHANE	0.328	0.335	-2.1	104	0.00	13.58
54	m	CHLOROBENZENE	0.460	0.539	-17.2	106	0.00	14.73
		----------	True	Calc.	% Drift	----------		
55	m	ETHYLBENZENE	10.000	9.419	5.8	106	0.00	15.10
56	m	m,p-XYLENE	20.000	19.063	4.7	109	0.00	15.29
57	m	o-XYLENE	10.000	9.502	5.0	109	0.00	15.80
58	m	STYRENE	10.000	8.795	12.1	107	0.00	15.68
59	m	NONANE	10.000	10.032	-0.3	116	0.00	15.98
		----------	AvgRF	CCRF	% Dev	----------		
60	m	BROMOFORM	0.478	0.502	-5.0	110	0.01	15.42
61	S	4-BROMOFLUOROBENZENE	0.552	0.691	-25.2	107	0.01	16.31
62	m	1,1,2,2-TETRACHLOROETHANE	0.423	0.472	-11.6	120	0.01	15.81
		----------	True	Calc.	% Drift	----------		
63	m	ISOPROPYLBENZENE	10.000	9.751	2.5	114	0.01	16.44
64	m	2-CHLOROTOLUENE	10.000	9.794	2.1	117	0.00	16.99
65	m	4-ETHYLTOLUENE	10.000	8.792	12.1	111	0.00	17.18
66	m	1,3,5-TRIMETHYLBENZENE	10.000	9.450	5.5	115	0.00	17.27
67	m	1,2,4-TRIMETHYLBENZENE	10.000	9.470	5.3	118	0.00	17.73
68	m	m-DICHLOROBENZENE	10.000	9.605	3.9	119	0.00	17.92
69	m	BENZYL CHLORIDE	10.000	9.216	7.8	109	0.01	17.90
70	m	p-DICHLOROBENZENE	10.000	9.347	6.5	113	0.00	17.99
71	m	o-DICHLOROBENZENE	10.000	9.931	0.7	124	0.00	18.38
72	m	HEXACHLOROBUTADIENE	10.000	13.495	-34.9#	143	0.00	20.76
73	m	1,2,4-TRICHLOROBENZENE	10.000	10.586	-5.9	127	0.00	20.28

Continuing Calibration Summary

Job Number: M65798 **Sample:** MSJ558-CC557
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10794.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    J10762.D   J062507T.M       Thu Jun 28 14:58:15 2007
```

GC/MS Volatiles

Raw Data

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10804.D
Acq On : 27 Jun 2007 10:19 pm
Operator : danat
Sample : m65798-1 (M151)
Misc : MS13828, MSJ558,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 28 09:19:30 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:15:12 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.59	128	357365	10.00	PPBV	-0.04
35) 1,4-DIFLUOROBENZENE	10.41	114	1269019	10.00	PPBV	-0.04
49) CHLOROBENZENE-D5	14.66	117	1098584	10.00	PPBV	-0.02

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	331847	4.78	PPBV	-0.02

Spiked Amount 5.000 Range 51 - 142 Recovery = 95.60%

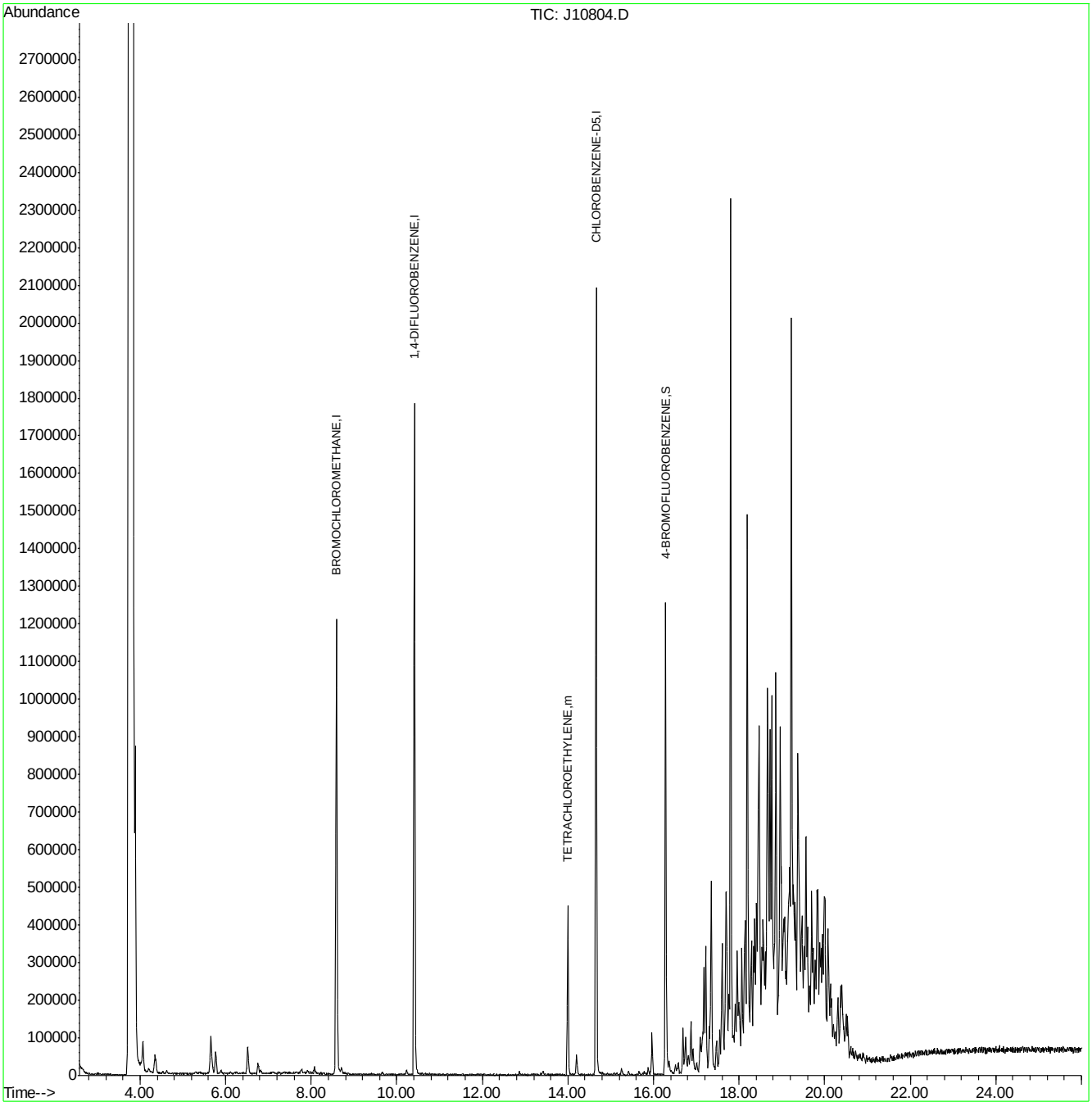
Target Compounds						Qvalue
51) TETRACHLOROETHYLENE	14.00	164	97531	2.68	PPBV	98

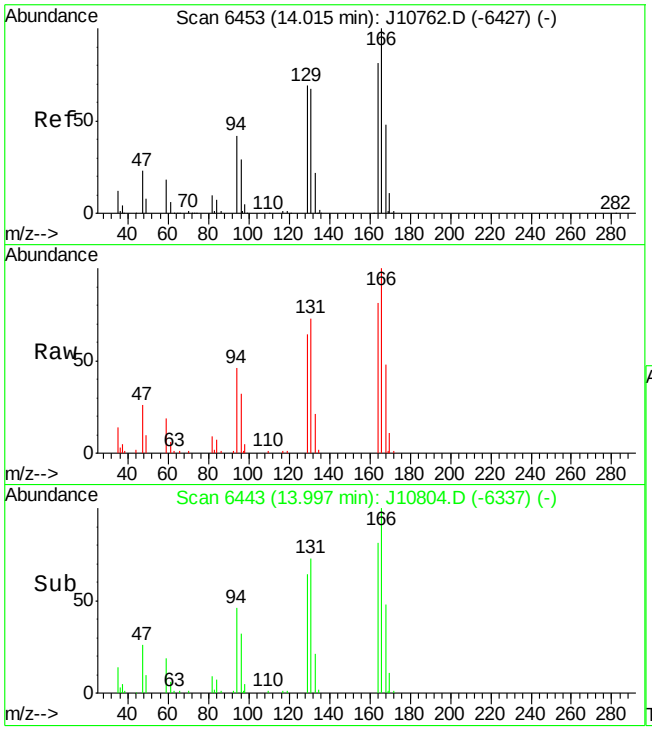
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10804.D
Acq On : 27 Jun 2007 10:19 pm
Operator : danat
Sample : m65798-1 (M151)
Misc : MS13828, MSJ558,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 28 09:19:30 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:15:12 2007
Response via : Initial Calibration

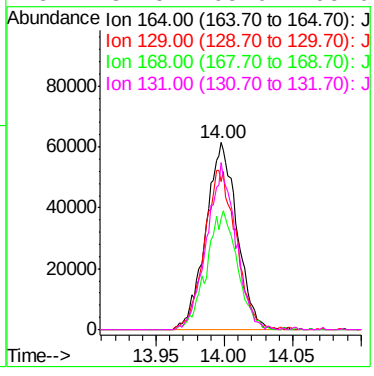




#51
TETRACHLOROETHYLENE
Concen: 2.68 PPBV
RT: 14.00 min Scan# 6443
Delta R.T. -0.02 min
Lab File: J10804.D
Acq: 27 Jun 2007 10:19 pm

Tgt Ion:164 Resp: 97531

Ion	Ratio	Lower	Upper
164	100		
129	86.1	68.3	108.3
168	62.4	42.8	82.8
131	82.5	65.6	105.6



Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10796.D
Acq On : 27 Jun 2007 2:04 pm
Operator : danat
Sample : mb (M012)
Misc : MS13762, MSJ558,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 15:30:30 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:15:12 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.53	128	404558	10.00	PPBV	-0.09
35) 1,4-DIFLUOROBENZENE	10.37	114	1710266	10.00	PPBV	-0.08
49) CHLOROBENZENE-D5	14.64	117	1585199	10.00	PPBV	-0.03

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.27	95	465028	4.65	PPBV	-0.02

Spiked Amount 5.000 Range 51 - 142 Recovery = 93.00%

Target Compounds	Qvalue

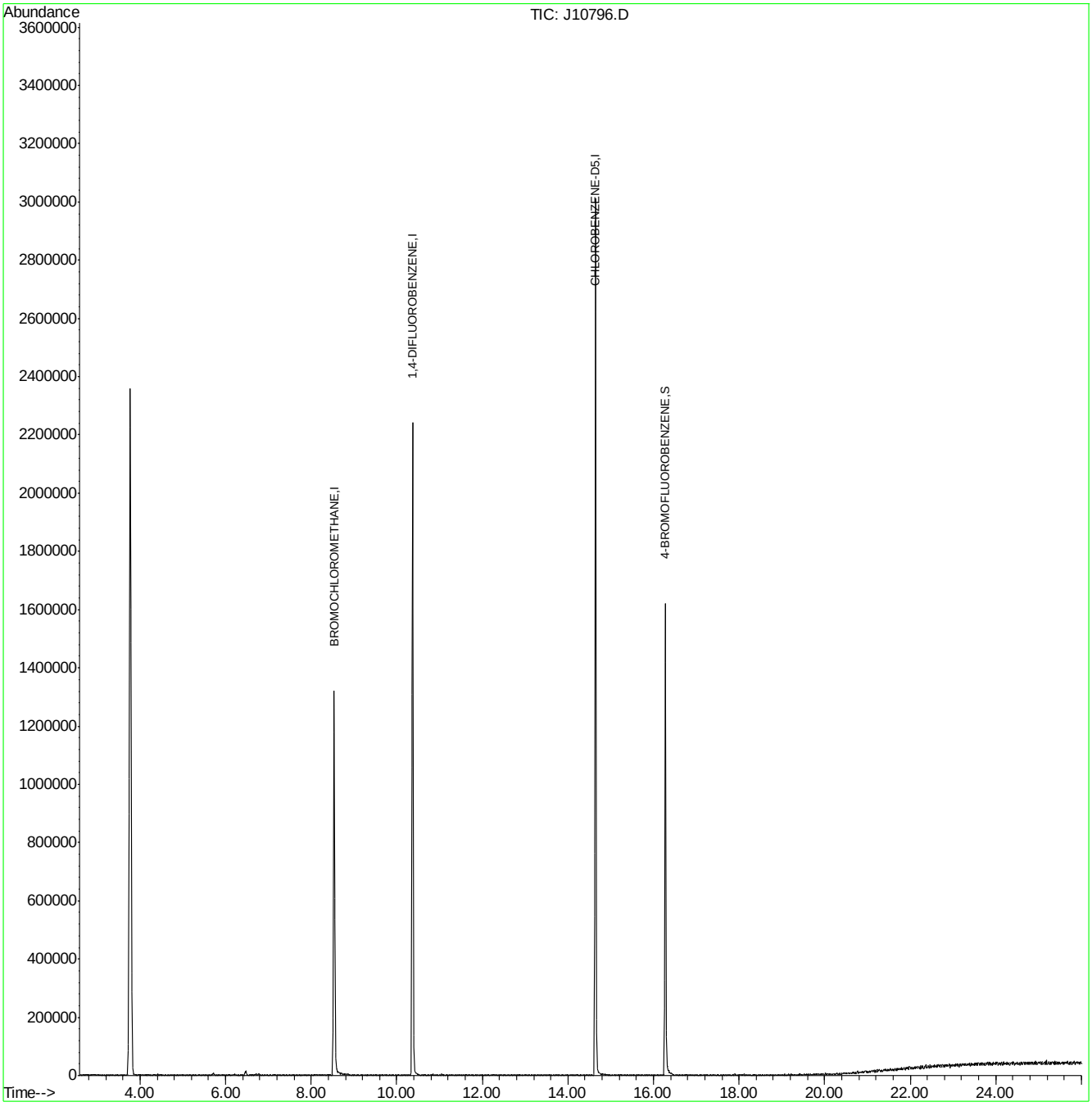
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ACCUTEST Laboratories M65798

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10796.D
Acq On : 27 Jun 2007 2:04 pm
Operator : danat
Sample : mb (M012)
Misc : MS13762, MSJ558,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 15:30:30 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:15:12 2007
Response via : Initial Calibration



J062507T.M Wed Jun 27 15:30:39 2007 Page: 2

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 06/18/07 11:34

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10589.D
Acq On : 7 Jun 2007 6:41 pm
Operator : danat
Sample : mb (m151)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 08 15:54:56 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	349729	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.43	114	1565972	10.00	PPBV	-0.01
49) CHLOROBENZENE-D5	14.66	117	1349596m	10.00	PPBV	-0.01

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	410657m	5.01	PPBV	-0.02

Spiked Amount 5.000 Range 51 - 142 Recovery = 100.20%

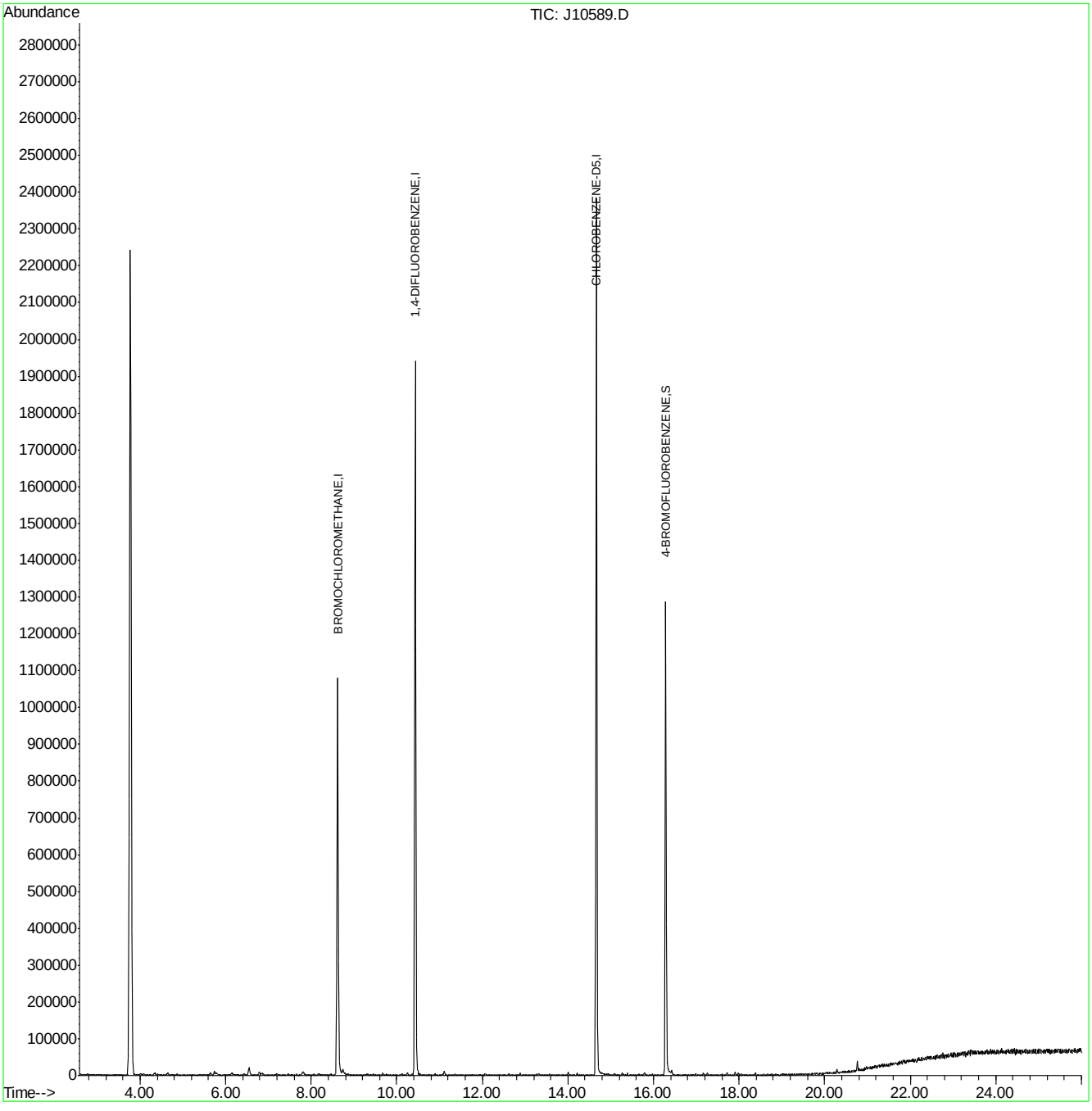
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10589.D
Acq On : 7 Jun 2007 6:41 pm
Operator : danat
Sample : mb (m151)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 08 15:54:56 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration

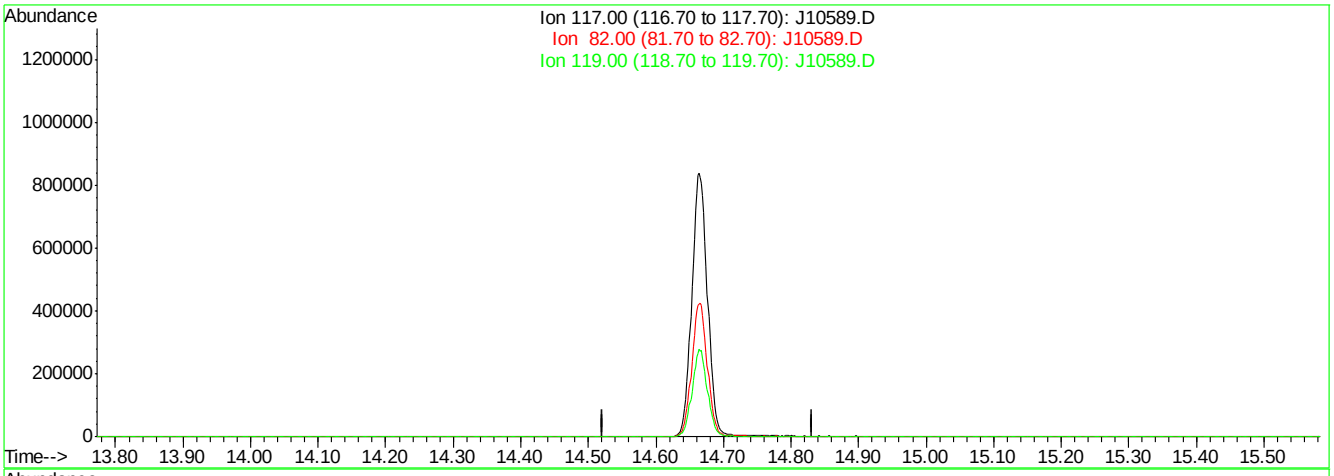


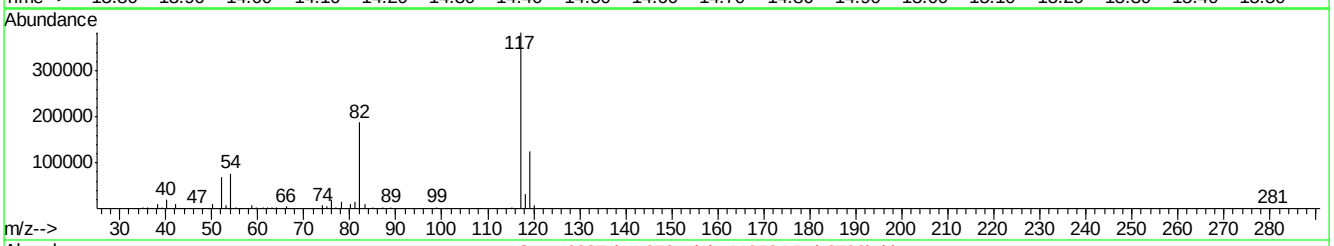
Quantitation Report (Qedit)

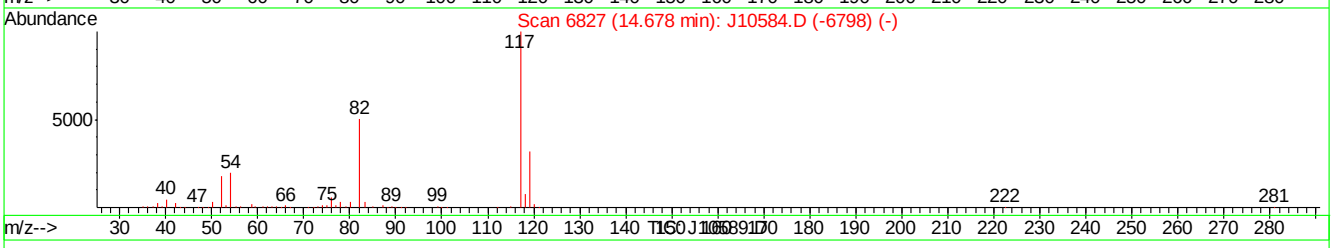
Data File : C:\MSDCHEM\1\DATA\J10589.D Vial: 4
Acq On : 7 Jun 2007 6:41 pm Operator: danat
Sample : mb (m151) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 08 08:10:41 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:30:04 2007
Response via : Multiple Level Calibration







(49) CHLOROBENZENE-D5 (I)

14.68min 0.00PPBV

response 0

Ion	Exp%	Act%
117.00	100	0.00
82.00	50.70	0.00#
119.00	32.40	0.00#
0.00	0.00	0.00

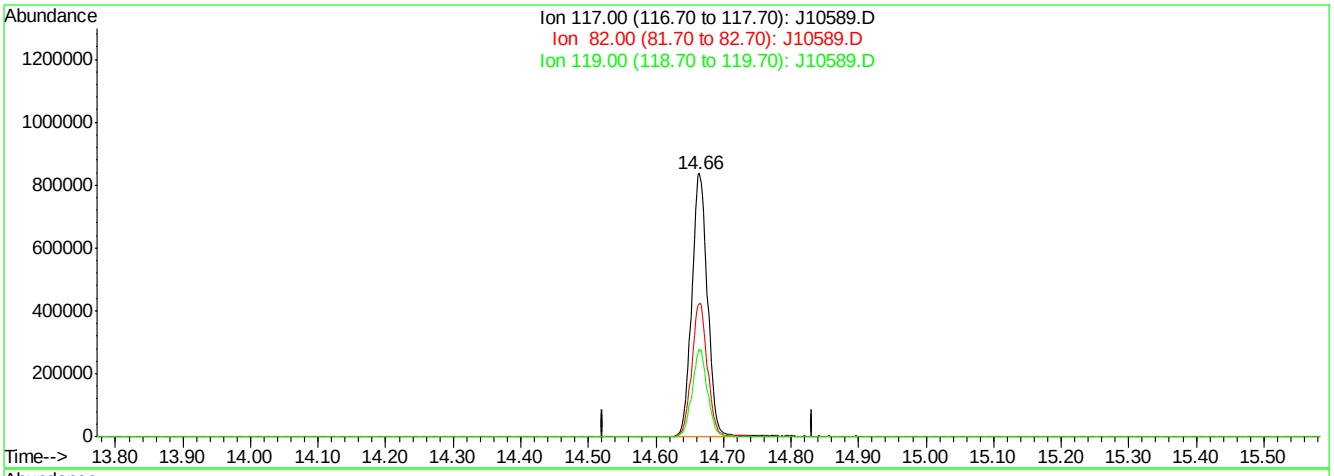
J10589.D J060707T.M Fri Jun 08 15:53:53 2007

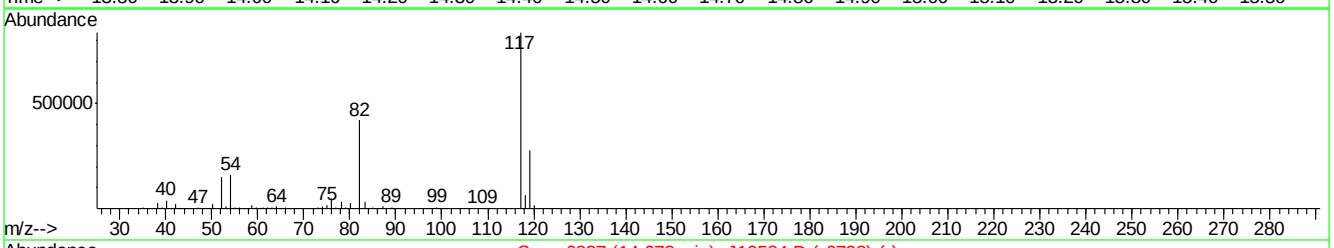
Quantitation Report (Qedit)

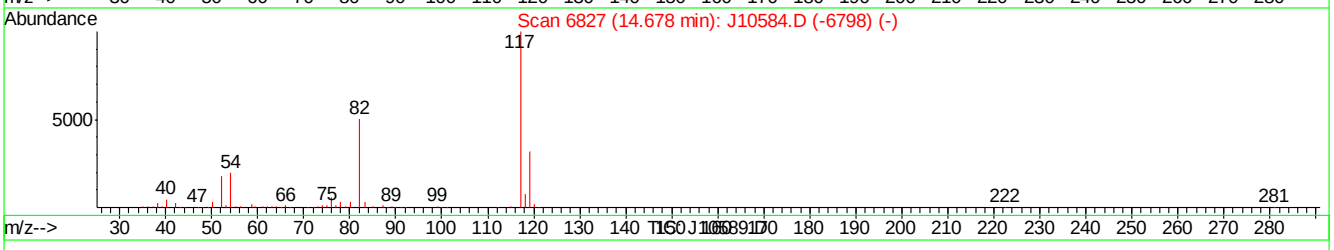
Data File : C:\MSDCHEM\1\DATA\J10589.D Vial: 4
Acq On : 7 Jun 2007 6:41 pm Operator: danat
Sample : mb (m151) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 08 08:10:41 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:30:04 2007
Response via : Multiple Level Calibration







(49) CHLOROBENZENE-D5 (I)

14.66min 10.00PPBV m

response 1349596

Ion	Exp%	Act%
117.00	100	100
82.00	50.70	0.00#
119.00	32.40	0.00#
0.00	0.00	0.00

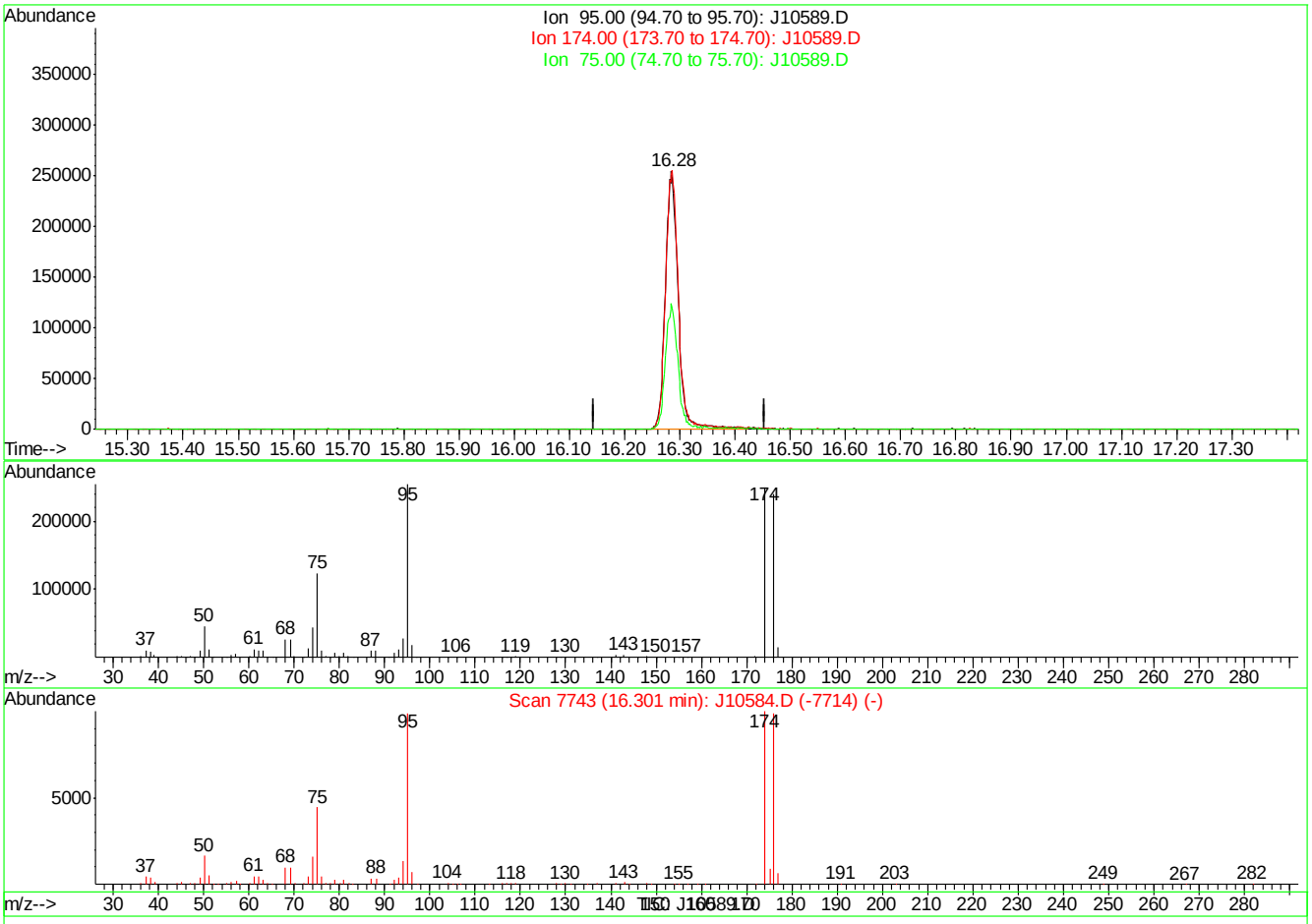
J10589.D J060707T.M Fri Jun 08 15:54:05 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10589.D Vial: 4
Acq On : 7 Jun 2007 6:41 pm Operator: danat
Sample : mb (m151) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 08 08:10:41 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:30:04 2007
Response via : Multiple Level Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.28min 5.00PPBV

response 409364

Ion	Exp%	Act%
95.00	100	100
174.00	102.70	100.75
75.00	46.50	47.12
0.00	0.00	0.00

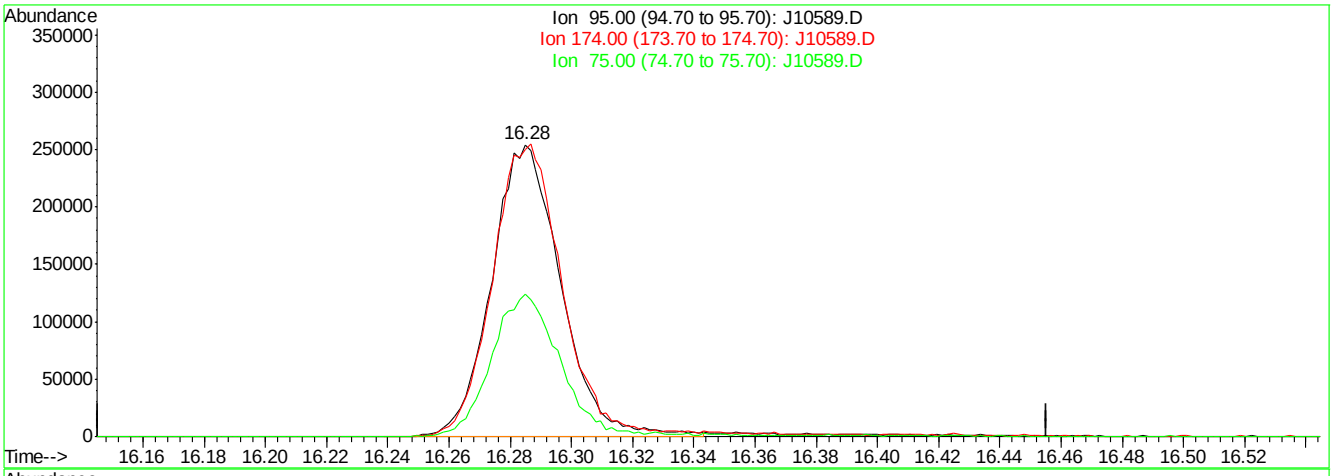
J10589.D J060707T.M Fri Jun 08 15:54:23 2007

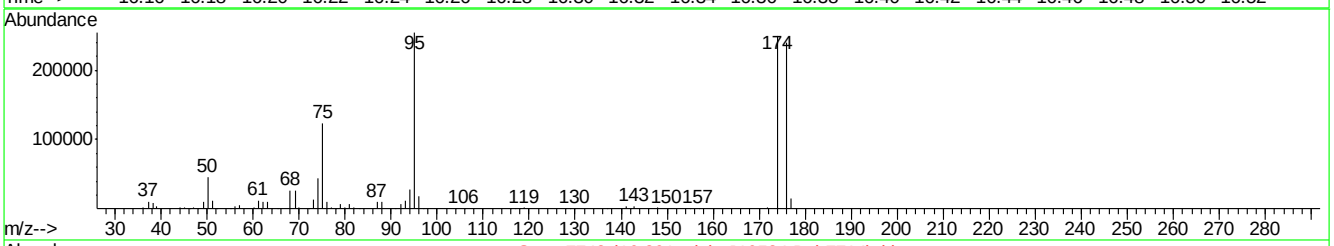
Quantitation Report (Qedit)

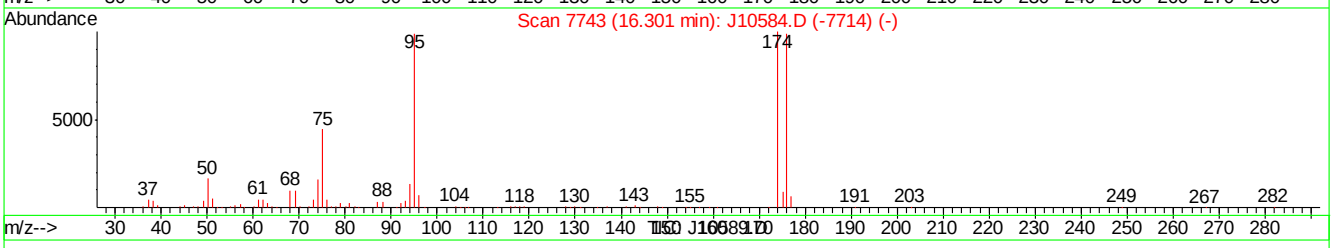
Data File : C:\MSDCHEM\1\DATA\J10589.D Vial: 4
Acq On : 7 Jun 2007 6:41 pm Operator: danat
Sample : mb (m151) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 08 08:10:41 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:30:04 2007
Response via : Multiple Level Calibration







(61) 4-BROMOFLUOROBENZENE (S)

16.28min 4.88PPBV m

response 399751

Ion	Exp%	Act%
95.00	100	100
174.00	102.70	103.18
75.00	46.50	48.25
0.00	0.00	0.00

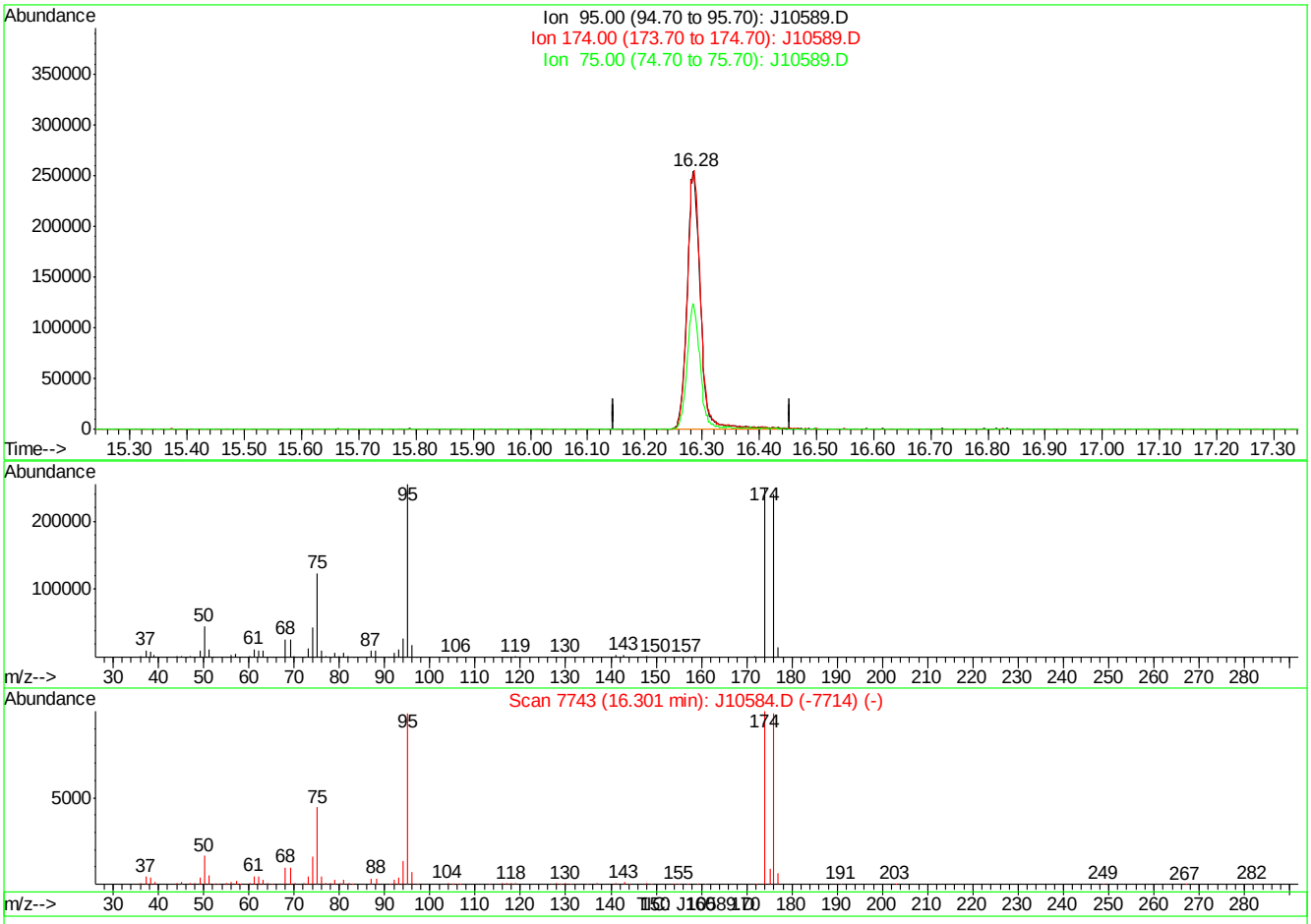
J10589.D J060707T.M Fri Jun 08 15:54:38 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10589.D Vial: 4
Acq On : 7 Jun 2007 6:41 pm Operator: danat
Sample : mb (m151) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 08 08:10:41 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:30:04 2007
Response via : Multiple Level Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.28min 5.01PPBV m

response 410657

Ion	Exp%	Act%
95.00	100	100
174.00	102.70	100.44
75.00	46.50	46.97
0.00	0.00	0.00

J10589.D J060707T.M Fri Jun 08 15:54:59 2007

Manual Integrations
APPROVED
(compounds with "m" flag)
Doug Yargeau
06/29/07 09:54

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10794a.D
Acq On : 27 Jun 2007 12:22 pm
Operator : danat
Sample : bs (M080)
Misc : MS13762, MSJ558,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:39:03 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:15:12 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.60	128	448217	10.00	PPBV	-0.02
35) 1,4-DIFLUOROBENZENE	10.43	114	1993423	10.00	PPBV	-0.01
49) CHLOROBENZENE-D5	14.68	117	1807896	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.31	95	624288	5.47	PPBV	0.01

Spiked Amount 5.000 Range 51 - 142 Recovery = 109.40%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	1491765	9.35	PPBV	99
3) PROPYLENE	4.00	41	238327	10.15	PPBV	98
4) FREON 114	4.32	85	1230912	8.85	PPBV	100
5) CHLOROMETHANE	4.23	50	312870	9.06	PPBV	95
6) VINYL CHLORIDE	4.45	62	357327	9.02	PPBV	98
7) 1,3-BUTADIENE	4.58	39	269930	9.63	PPBV	96
8) BROMOMETHANE	4.85	94	415721	9.25	PPBV	99
9) CHLOROETHANE	5.01	64	171182	9.33	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.77	101	1493290	8.91	PPBV	100
11) ISOPROPYL ALCOHOL	6.02	45	421576m	8.30	PPBV	
12) ACETONE	5.65	43	446952	8.63	PPBV	98
13) PENTANE	6.11	42	345225	10.22	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.40	96	381027	8.91	PPBV	97
15) CARBON DISULFIDE	6.83	76	1127798	8.69	PPBV	99
16) ETHANOL	5.26	45	62506	7.85	PPBV #	45
17) BROMOETHENE	5.37	106	408197	9.41	PPBV	99
18) METHYLENE CHLORIDE	6.52	84	349073	8.04	PPBV	97
19) 3-CHLOROPROPENE	6.64	39	381514	11.29	PPBV	87
20) FREON 113	6.77	151	870601	8.30	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.43	96	373533	9.04	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.62	59	521794	9.34	PPBV #	1
23) METHYL TERTIARY BUTYL ETHE	7.72	73	781106	9.13	PPBV	98
24) TETRAHYDROFURAN	9.17	42	243275	9.37	PPBV	96
25) HEXANE	8.61	57	418843	8.06	PPBV	98
26) VINYL ACETATE	7.79	43	496151	8.70	PPBV	98
27) 1,1-DICHLOROETHANE	7.63	63	643174	8.92	PPBV	100
28) METHYL ETHYL KETONE	8.07	43	480650	8.86	PPBV	98
29) cis-1,2-DICHLOROETHYLENE	8.44	96	352749	8.96	PPBV	97
30) ETHYL ACETATE	8.69	43	520756	9.28	PPBV	97
31) CHLOROFORM	8.73	83	914440	9.04	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.67	97	1027535	8.77	PPBV	98
33) CARBON TETRACHLORIDE	10.24	117	1368375	9.43	PPBV	100
34) 1,2-DICHLOROETHANE	9.44	62	532235	9.13	PPBV	99
36) BENZENE	10.11	78	875028	9.38	PPBV	100
37) CYCLOHEXANE	10.35	84	441923	9.77	PPBV	99
38) TRICHLOROETHYLENE	11.11	95	513599	9.96	PPBV	99
39) 1,2-DICHLOROPROPANE	10.90	63	302573	9.58	PPBV	99
40) BROMODICHLOROMETHANE	11.09	83	858039	9.25	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.11	57	1502406	10.65	PPBV	98
42) 1,4-DIOXANE	11.19	88	160115	9.23	PPBV	91
43) HEPTANE	11.35	43	479897	10.77	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10794a.D
Acq On : 27 Jun 2007 12:22 pm
Operator : danat
Sample : bs (M080)
Misc : MS13762, MSJ558,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:39:03 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:15:12 2007
Response via : Initial Calibration

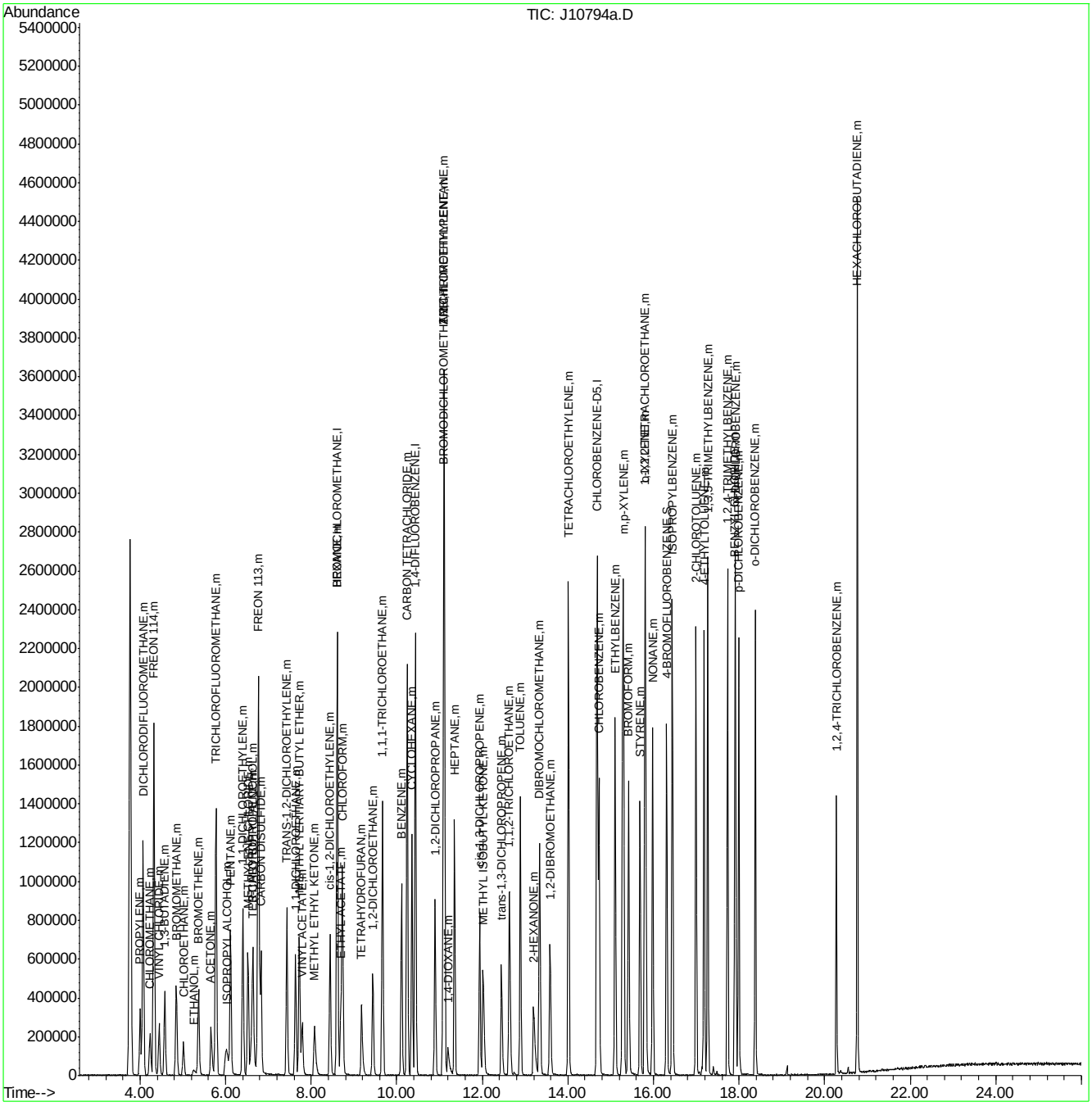
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	543429	9.62	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.94	75	467602	8.77	PPBV	98
46) TOLUENE	12.89	92	646811	10.45	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	377663	7.40	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.63	83	331583	9.72	PPBV	100
50) 2-HEXANONE	13.20	43	412930	9.48	PPBV	98
51) TETRACHLOROETHYLENE	14.01	164	599549	10.01	PPBV	99
52) DIBROMOCHLOROMETHANE	13.34	129	881504	9.85	PPBV	100
53) 1,2-DIBROMOETHANE	13.58	107	605353	10.19	PPBV	99
54) CHLOROBENZENE	14.73	112	975128	10.25	PPBV	99
55) ETHYLBENZENE	15.10	91	1494695	9.42	PPBV	99
56) m,p-XYLENE	15.29	106	1257977	19.06	PPBV	98
57) o-XYLENE	15.80	106	632636	9.50	PPBV	98
58) STYRENE	15.68	104	793216	8.79	PPBV	100
59) NONANE	15.98	43	679685	10.03	PPBV	99
60) BROMOFORM	15.42	173	907898	10.50	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.81	83	852879	11.14	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	1858669	9.75	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	1298453	9.79	PPBV	99
65) 4-ETHYLTOLUENE	17.18	105	1521114	8.79	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.27	105	1497022	9.45	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	1385029	9.47	PPBV	99
68) m-DICHLOROBENZENE	17.92	146	1012776	9.60	PPBV	100
69) BENZYL CHLORIDE	17.90	91	745817	9.22	PPBV	100
70) p-DICHLOROBENZENE	17.99	146	932970	9.35	PPBV	99
71) o-DICHLOROBENZENE	18.38	146	921354	9.93	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	747153	13.49	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.28	180	372516	10.59	PPBV	100

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10794a.D
Acq On : 27 Jun 2007 12:22 pm
Operator : danat
Sample : bs (M080)
Misc : MS13762, MSJ558,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:39:03 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:15:12 2007
Response via : Initial Calibration



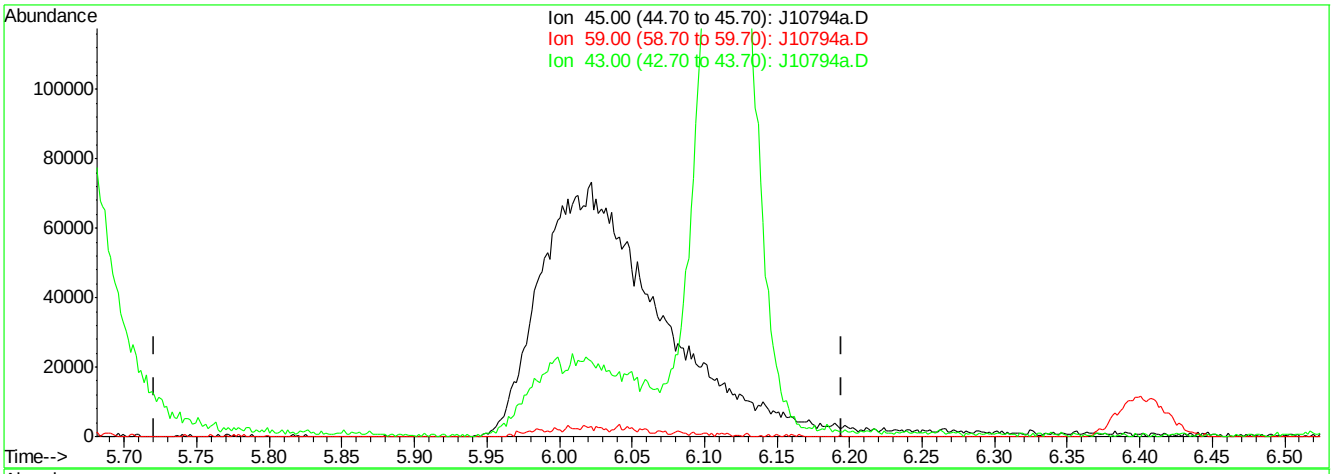
ACCUTEST Laboratories M65798

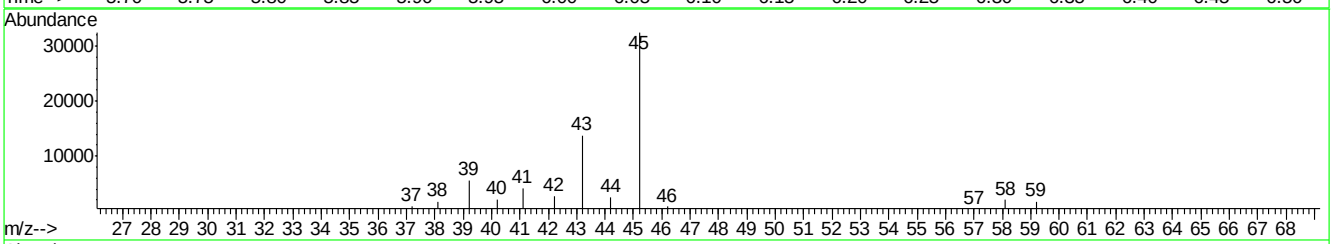
Quantitation Report (Qedit)

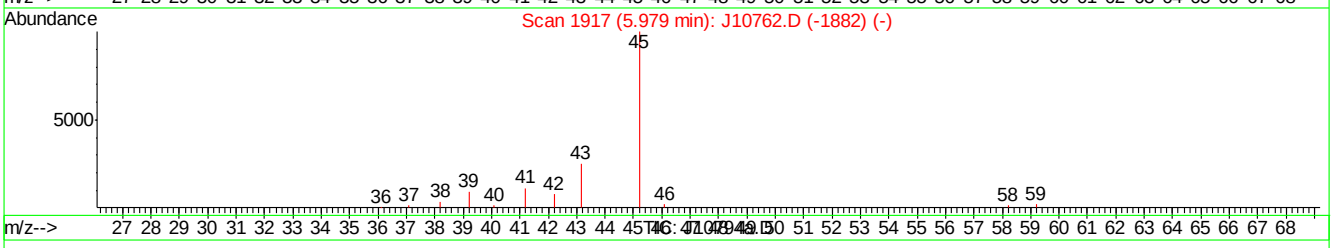
Data File : C:\MSDCHEM\1\DATA\J10794a.D Vial: 1
Acq On : 27 Jun 2007 12:22 pm Operator: danat
Sample : CC557-10 (M080) Inst : MSJ
Misc : MS13762, MSJ558,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 27 13:32:31 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:15:12 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

5.98min 0.00PPBV

response 0

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

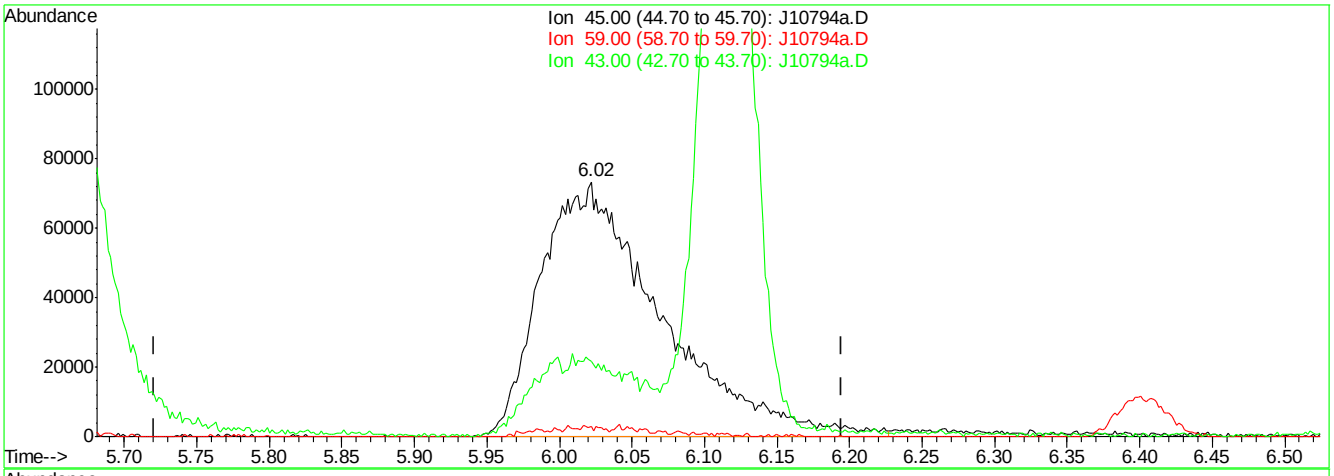
J10794a.D J062507T.M Wed Jun 27 13:38:53 2007

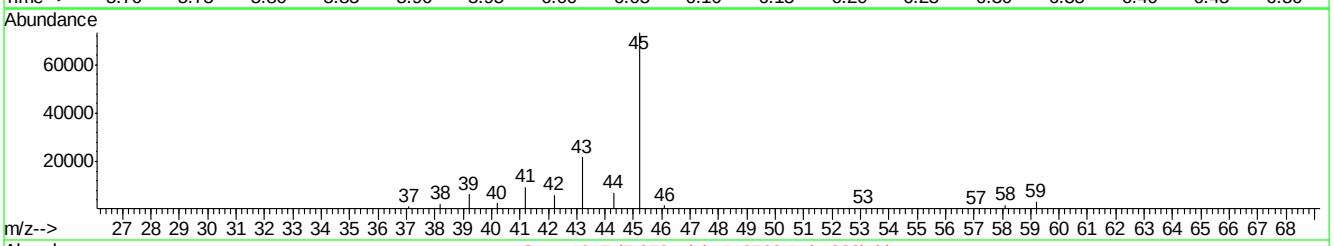
Quantitation Report (Qedit)

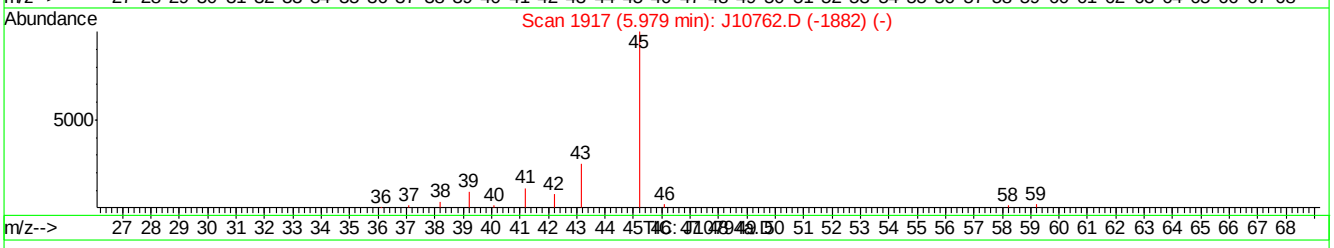
Data File : C:\MSDCHEM\1\DATA\J10794a.D Vial: 1
Acq On : 27 Jun 2007 12:22 pm Operator: danat
Sample : CC557-10 (M080) Inst : MSJ
Misc : MS13762, MSJ558,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 27 13:32:31 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:15:12 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.02min 8.30PPBV m

response 421576

Ion	Exp%	Act%
45.00	100	100
59.00	2.20	4.07
43.00	25.50	29.59
0.00	0.00	0.00

J10794a.D J062507T.M Wed Jun 27 13:38:59 2007

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10587b.D
Acq On : 7 Jun 2007 4:48 pm
Operator : danat
Sample : bs (m179)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 08 14:25:38 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	350642	10.00	PPBV	0.01
35) 1,4-DIFLUOROBENZENE	10.45	114	1587599	10.00	PPBV	0.01
49) CHLOROBENZENE-D5	14.68	117	1421456	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.30	95	450609	5.22	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 104.40%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.08	85	1426547	11.64	PPBV	99
3) PROPYLENE	4.01	41	248562	11.66	PPBV	99
4) FREON 114	4.34	85	1259333	11.15	PPBV	97
5) CHLOROMETHANE	4.25	50	333857	11.29	PPBV	95
6) VINYL CHLORIDE	4.46	62	402842	11.60	PPBV	98
7) 1,3-BUTADIENE	4.59	39	257681	10.90	PPBV	95
8) BROMOMETHANE	4.87	94	471517	11.91	PPBV	99
9) CHLOROETHANE	5.04	64	178112	11.18	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.80	101	1379319	10.95	PPBV	100
11) ISOPROPYL ALCOHOL	6.00	45	454536	11.29	PPBV	96
12) ACETONE	5.68	43	394366	8.30	PPBV	98
13) PENTANE	6.15	42	315604	10.68	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.43	96	419509	11.35	PPBV	93
15) CARBON DISULFIDE	6.86	76	1189650	10.69	PPBV	98
16) ETHANOL	5.25	45	76176	10.32	PPBV	94
17) BROMOETHENE	5.39	106	463711	12.45	PPBV	99
18) METHYLENE CHLORIDE	6.56	84	381515	9.44	PPBV	95
19) 3-CHLOROPROPENE	6.67	39	269309	10.78	PPBV	98
20) FREON 113	6.80	151	859659	10.53	PPBV	97
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	394964	11.11	PPBV	96
22) TERTIARY BUTYL ALCOHOL	6.61	59	624900	9.47	PPBV	91
23) METHYL TERTIARY BUTYL ETHE	7.75	73	812344	10.97	PPBV	98
24) TETRAHYDROFURAN	9.20	42	245395	10.14	PPBV	99
25) HEXANE	8.64	57	418623	9.68	PPBV	96
26) VINYL ACETATE	7.81	43	480449	10.18	PPBV	98
27) 1,1-DICHLOROETHANE	7.67	63	611703	10.33	PPBV	100
28) METHYL ETHYL KETONE	8.09	43	460474	10.86	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.47	96	372588	10.74	PPBV	98
30) ETHYL ACETATE	8.71	43	474514	10.35	PPBV	100
31) CHLOROFORM	8.76	83	828580	9.93	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.69	97	929020	10.21	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	1176378	10.96	PPBV	99
34) 1,2-DICHLOROETHANE	9.46	62	461884	9.95	PPBV	99
36) BENZENE	10.13	78	886567	10.13	PPBV	99
37) CYCLOHEXANE	10.38	84	459986	11.63	PPBV	97
38) TRICHLOROETHYLENE	11.12	95	469670	10.22	PPBV	98
39) 1,2-DICHLOROPROPANE	10.91	63	296199	9.88	PPBV	99
40) BROMODICHLOROMETHANE	11.10	83	756495	9.67	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.13	57	1422990	11.12	PPBV	99
42) 1,4-DIOXANE	11.20	88	186147	9.91	PPBV	90
43) HEPTANE	11.37	43	435119	10.31	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10587b.D
Acq On : 7 Jun 2007 4:48 pm
Operator : danat
Sample : bs (m179)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 08 14:25:38 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration

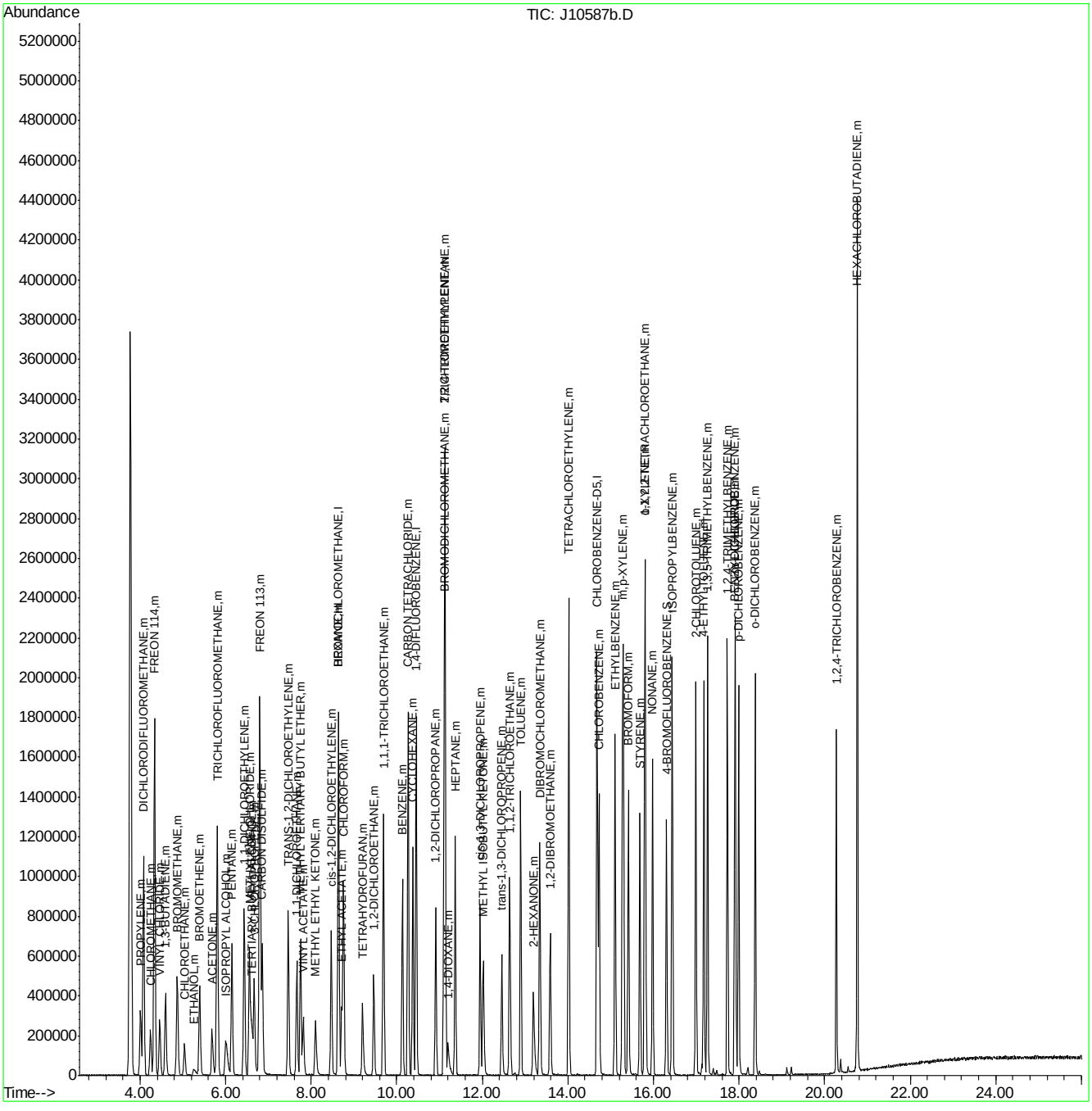
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.02	43	512900	8.29	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.95	75	483552	8.84	PPBV	97
46) TOLUENE	12.90	92	622578	8.27	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	382630	8.28	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.64	83	320127	10.09	PPBV	99
50) 2-HEXANONE	13.20	43	446755	8.77	PPBV	97
51) TETRACHLOROETHYLENE	14.02	164	583651	10.44	PPBV	99
52) DIBROMOCHLOROMETHANE	13.34	129	800412	10.21	PPBV	100
53) 1,2-DIBROMOETHANE	13.59	107	597096	8.57	PPBV	99
54) CHLOROBENZENE	14.73	112	892341	10.47	PPBV	100
55) ETHYLBENZENE	15.10	91	1366588	8.36	PPBV	100
56) m,p-XYLENE	15.29	106	1118411	16.94	PPBV	98
57) o-XYLENE	15.80	106	555234	8.23	PPBV	99
58) STYRENE	15.68	104	738273	9.16	PPBV	99
59) NONANE	15.98	43	568795	8.51	PPBV	99
60) BROMOFORM	15.41	173	807903	8.05	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.81	83	756785	9.86	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	1634872	8.38	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	1131519	8.22	PPBV	99
65) 4-ETHYLTOLUENE	17.18	105	1329590	7.49	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1280436	7.82	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	1200134	7.77	PPBV	100
68) m-DICHLOROBENZENE	17.91	146	872483	7.75	PPBV	100
69) BENZYL CHLORIDE	17.90	91	727079	9.05	PPBV	100
70) p-DICHLOROBENZENE	17.99	146	834408	7.85	PPBV	100
71) o-DICHLOROBENZENE	18.38	146	845184	8.03	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	750052	11.95	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	469259	12.03	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10587b.D
Acq On : 7 Jun 2007 4:48 pm
Operator : danat
Sample : bs (m179)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 08 14:25:38 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration



Manual Integrations
APPROVED
(compounds with "m" flag)
Doug Yargeau
06/29/07 09:54

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10799.D
Acq On : 27 Jun 2007 4:23 pm
Operator : danat
Sample : m65576-1dup (M180)
Misc : MS13762, MSJ558,,,,,500
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 27 17:29:11 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:15:12 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.48	128	336462	10.00	PPBV	-0.15
35) 1,4-DIFLUOROBENZENE	10.32	114	1475492	10.00	PPBV	-0.12
49) CHLOROBENZENE-D5	14.64	117	1546927m	10.00	PPBV	-0.04

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	564561	5.78	PPBV	-0.01

Spiked Amount 5.000 Range 51 - 142 Recovery = 115.60%

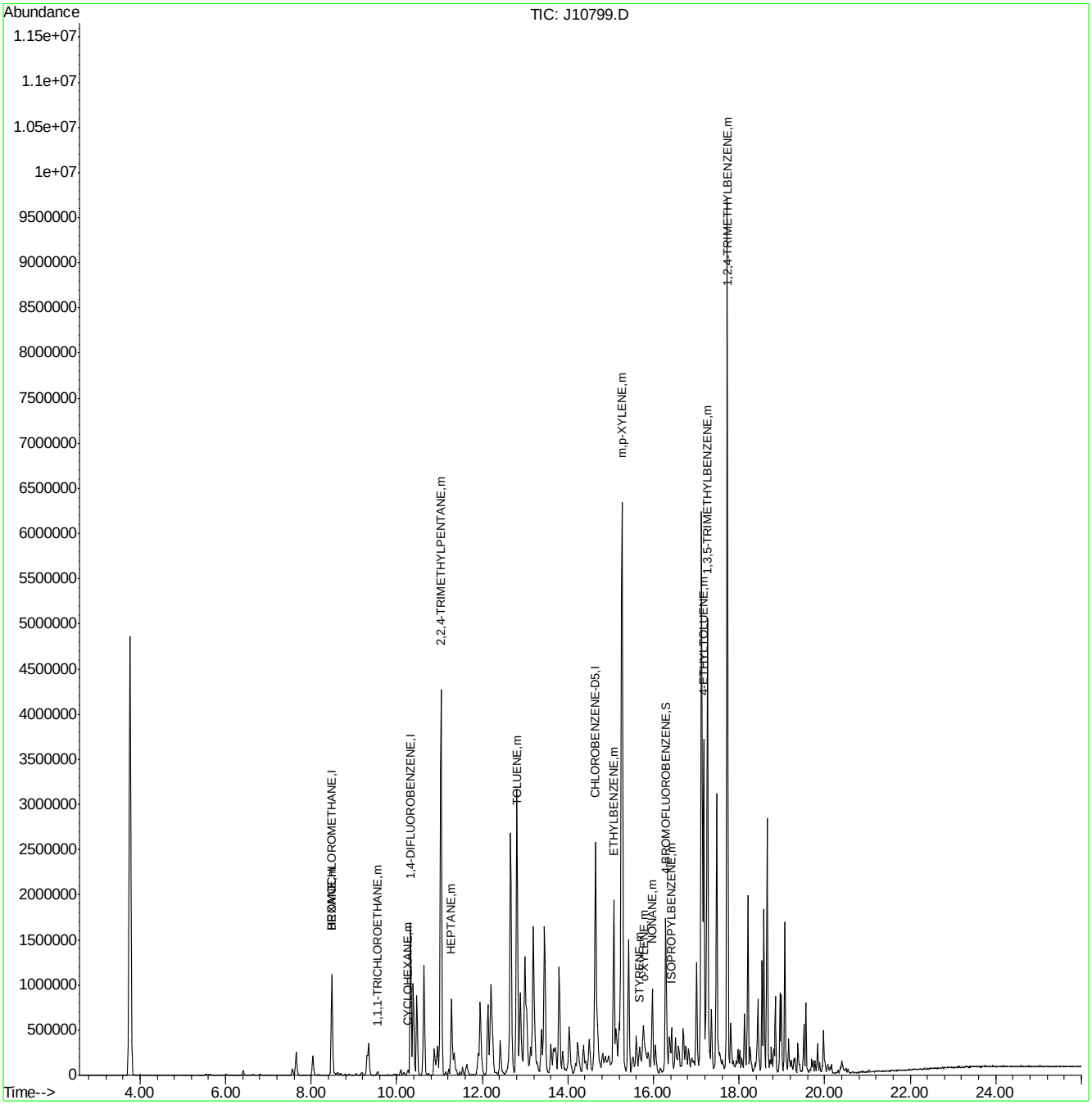
Target Compounds						Qvalue
25) HEXANE	8.49	57	121973	3.13	PPBV	97
32) 1,1,1-TRICHLOROETHANE	9.55	97	21400	0.24	PPBV	96
37) CYCLOHEXANE	10.26	84	21469	0.64	PPBV	94
41) 2,2,4-TRIMETHYLPENTANE	11.03	57	4051414	38.80	PPBV	95
43) HEPTANE	11.27	43	359417m	10.90	PPBV	
46) TOLUENE	12.83	92	49704	1.09	PPBV #	89
55) ETHYLBENZENE	15.07	91	1749630	12.60	PPBV	97
56) m,p-XYLENE	15.27	106	2573502	43.30	PPBV	93
57) o-XYLENE	15.77	106	102630	2.53	PPBV	98
58) STYRENE	15.66	104	2393m	1.34	PPBV	
59) NONANE	15.97	43	336771	6.27	PPBV	98
63) ISOPROPYLBENZENE	16.42	105	303311	2.60	PPBV	99
65) 4-ETHYLTOLUENE	17.17	105	2505844m	15.67	PPBV	
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	2852844	19.63	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	5645404	40.07	PPBV	98

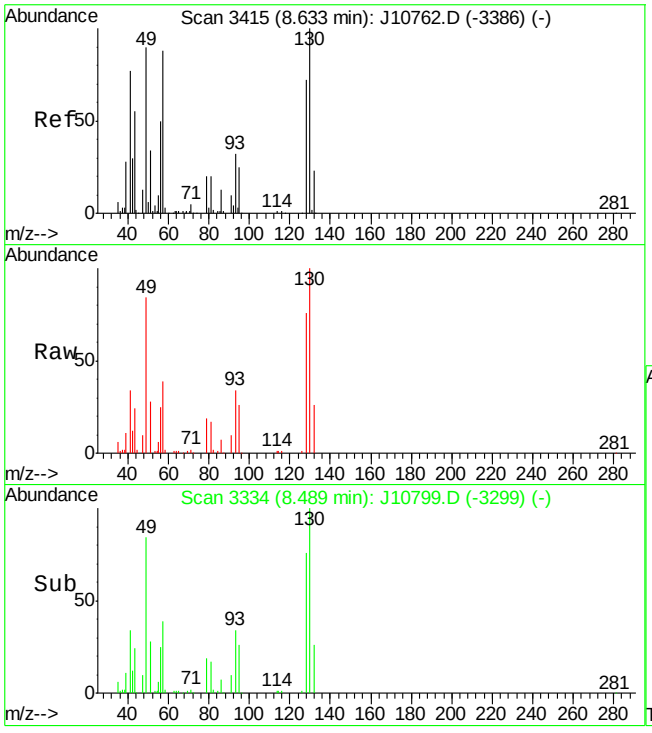
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10799.D
Acq On : 27 Jun 2007 4:23 pm
Operator : danat
Sample : m65576-1dup (M180)
Misc : MS13762, MSJ558,,,,,500
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 27 17:29:11 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:15:12 2007
Response via : Initial Calibration

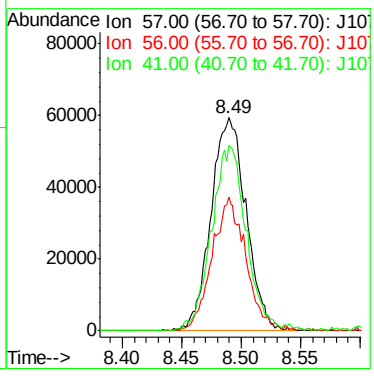


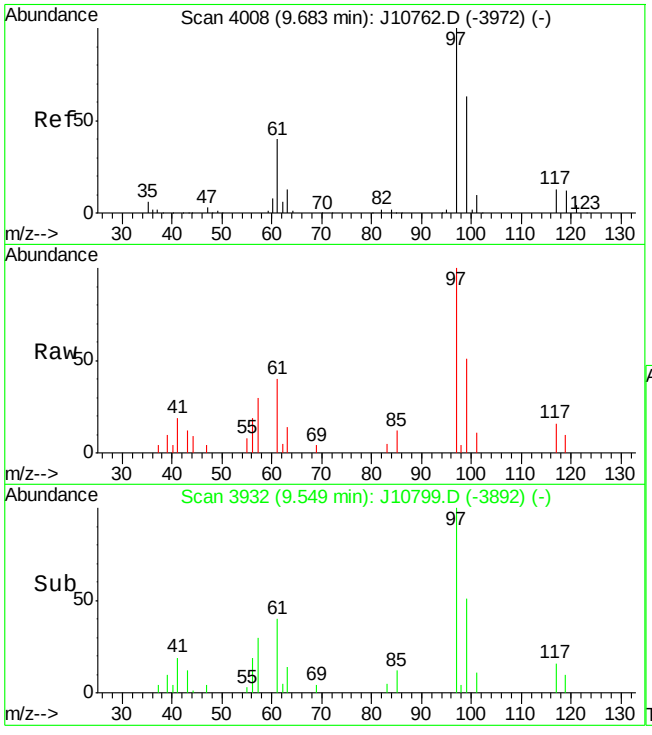


#25
HEXANE
Concen: 3.13 PPBV
RT: 8.49 min Scan# 3334
Delta R.T. -0.14 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion: 57 Resp: 121973

Ion	Ratio	Lower	Upper
57	100		
56	60.4	38.1	78.1
41	86.7	70.1	110.1

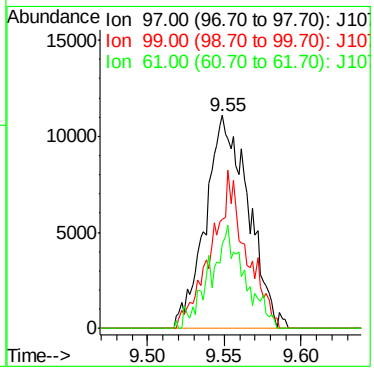


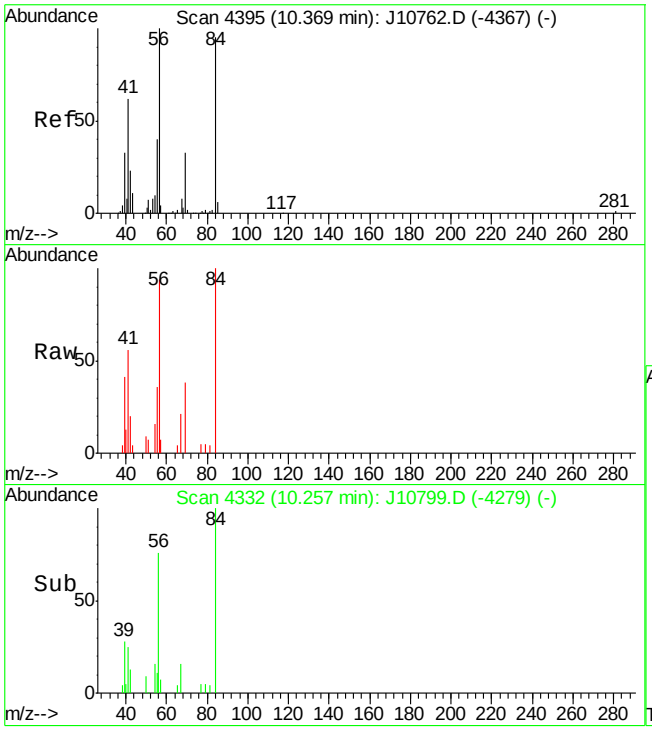


#32
1,1,1-TRICHLOROETHANE
Concen: 0.24 PPBV
RT: 9.55 min Scan# 3932
Delta R.T. -0.13 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion: 97 Resp: 21400

Ion	Ratio	Lower	Upper
97	100		
99	60.4	44.1	84.1
61	39.3	21.0	61.0

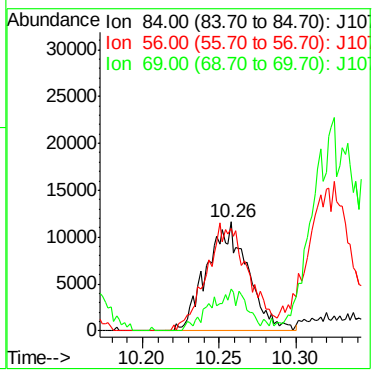


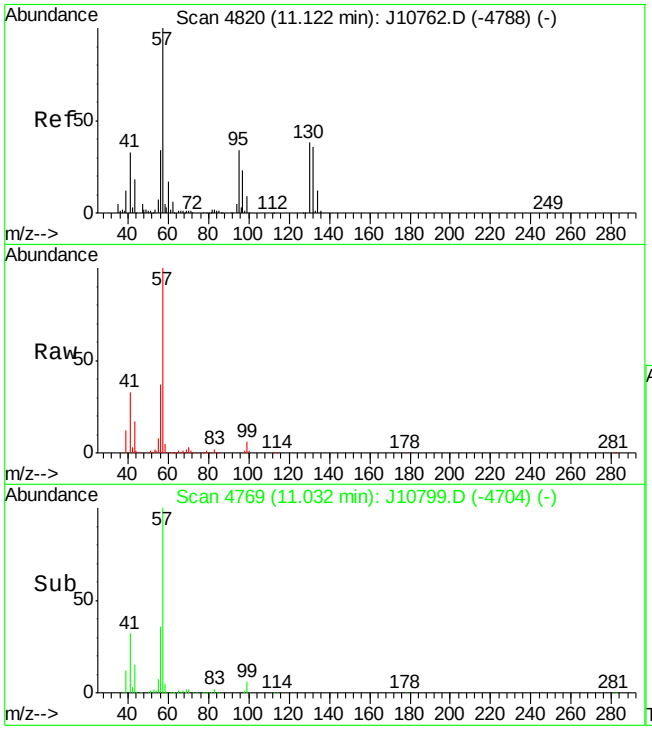


#37
CYCLOHEXANE
Concen: 0.64 PPBV
RT: 10.26 min Scan# 4332
Delta R.T. -0.11 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion: 84 Resp: 21469

Ion	Ratio	Lower	Upper
84	100		
56	101.2	88.3	128.3
69	35.4	16.8	56.8

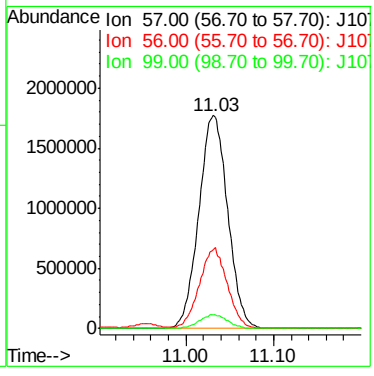


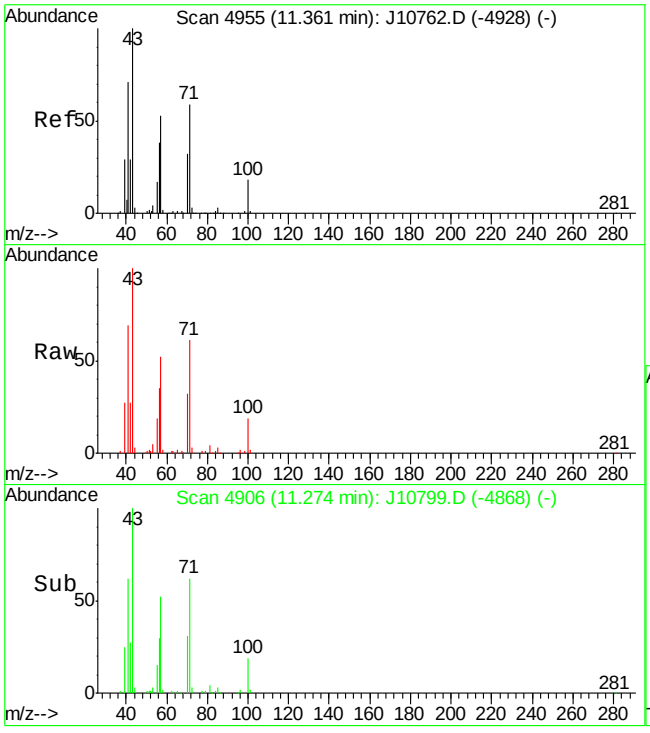


#41
2,2,4-TRIMETHYLPENTANE
Concen: 38.80 PPBV
RT: 11.03 min Scan# 4769
Delta R.T. -0.09 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion: 57 Resp: 4051414

Ion	Ratio	Lower	Upper
57	100		
56	36.6	14.1	54.1
99	6.4	0.0	29.1

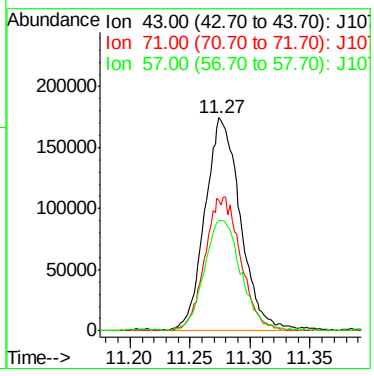


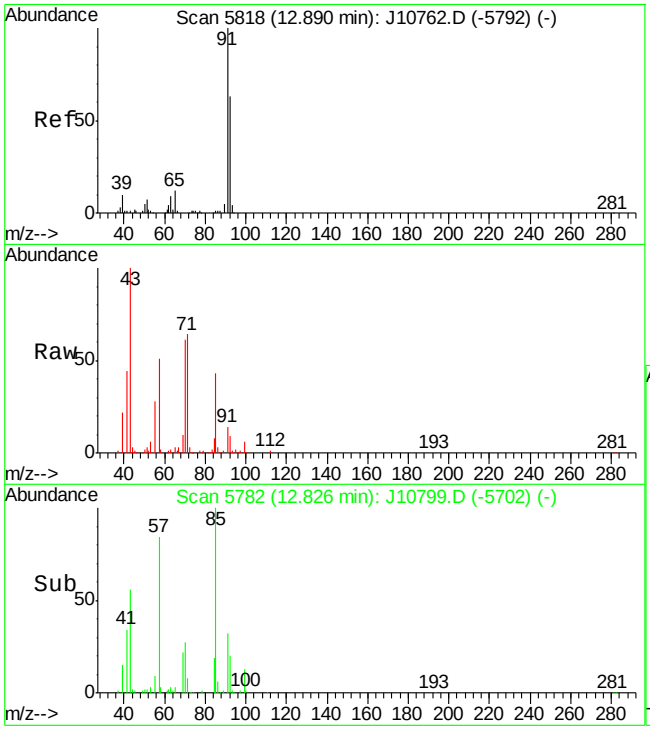


#43
HEPTANE
Concen: 10.90 PPBV m
RT: 11.27 min Scan# 4906
Delta R.T. -0.09 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion: 43 Resp: 359417

Ion	Ratio	Lower	Upper
43	100		
71	0.0	39.4	79.4#
57	0.0	32.7	72.7#

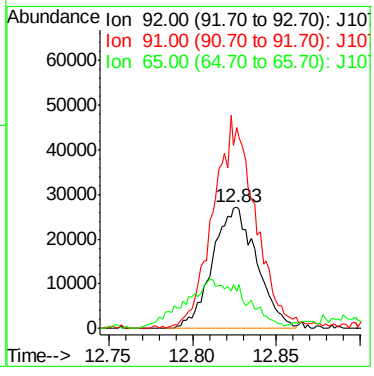


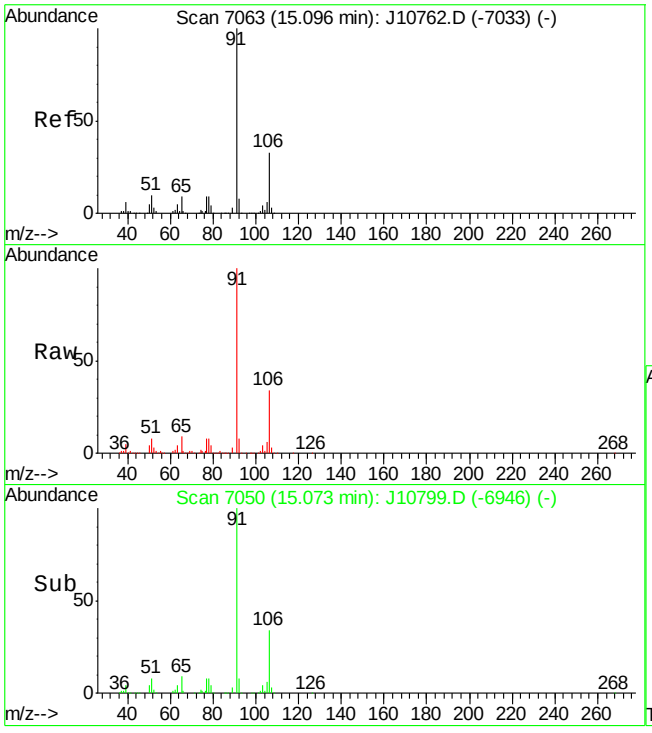


#46
TOLUENE
Concen: 1.09 PPBV
RT: 12.83 min Scan# 5782
Delta R.T. -0.06 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion: 92 Resp: 49704

Ion	Ratio	Lower	Upper
92	100		
91	168.6	145.3	185.3
65	55.7	0.0	39.7#

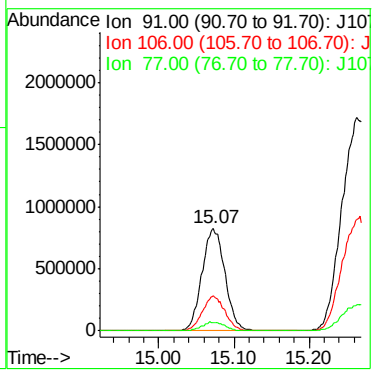


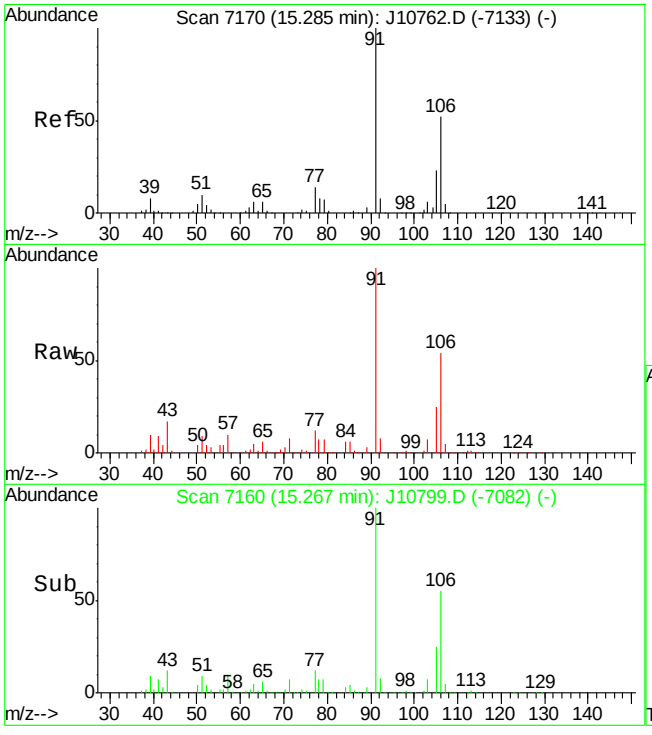


#55
ETHYLBENZENE
Concen: 12.60 PPBV
RT: 15.07 min Scan# 7050
Delta R.T. -0.02 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion: 91 Resp: 1749630

Ion	Ratio	Lower	Upper
91	100		
106	33.3	11.8	51.8
77	8.2	0.0	29.1

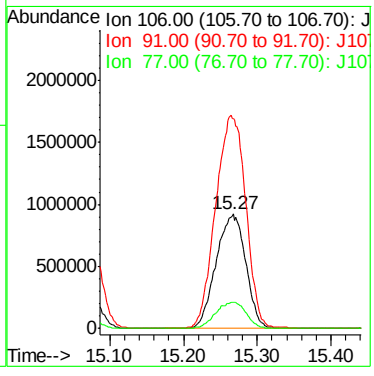


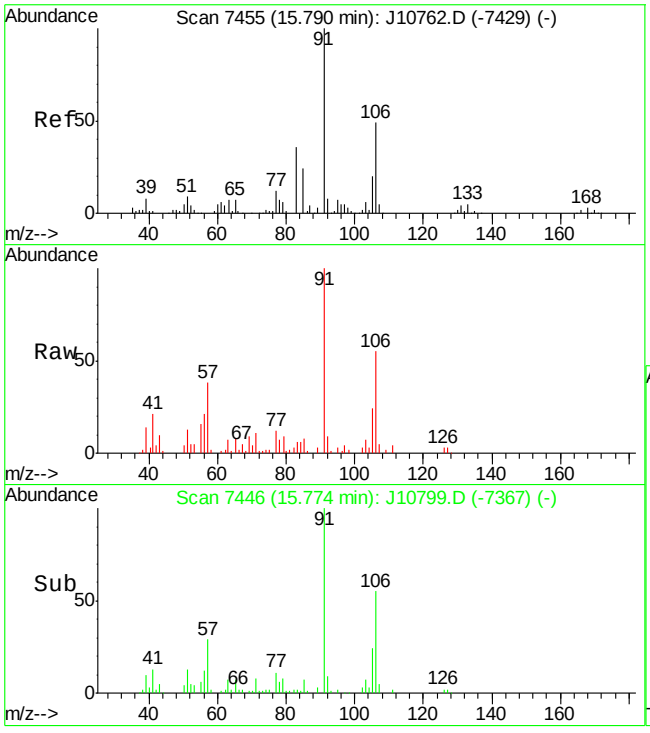


#56
m,p-XYLENE
Concen: 43.30 PPBV
RT: 15.27 min Scan# 7160
Delta R.T. -0.02 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion:106 Resp: 2573502

Ion	Ratio	Lower	Upper
106	100		
91	183.7	155.1	232.7
77	22.9	21.0	31.6

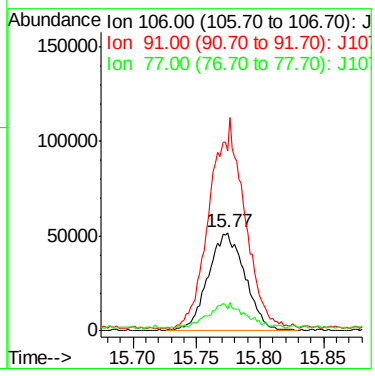


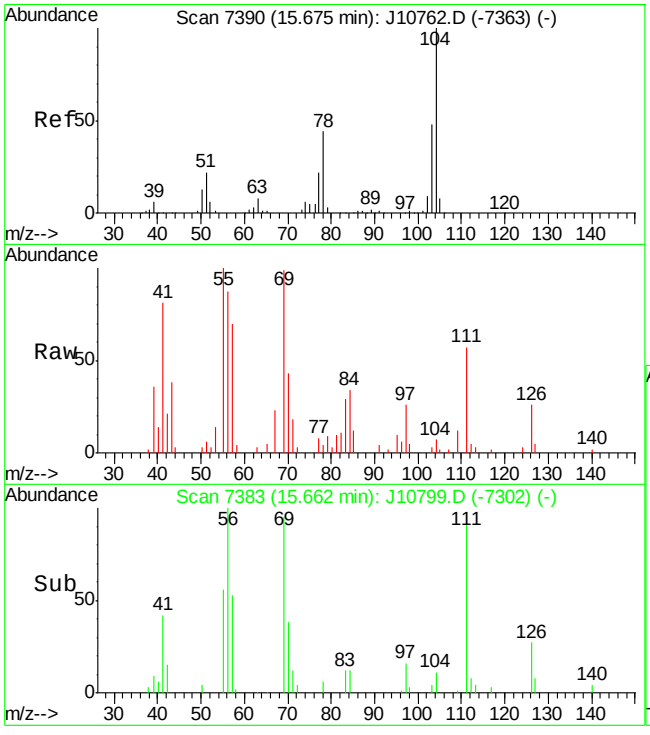


#57
o-XYLENE
Concen: 2.53 PPBV
RT: 15.77 min Scan# 7446
Delta R.T. -0.02 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion:106 Resp: 102630

Ion	Ratio	Lower	Upper
106	100		
91	208.2	186.9	226.9
77	30.4	6.5	46.5

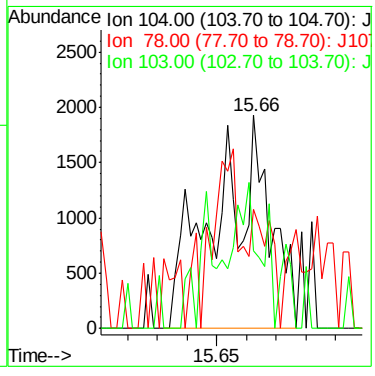


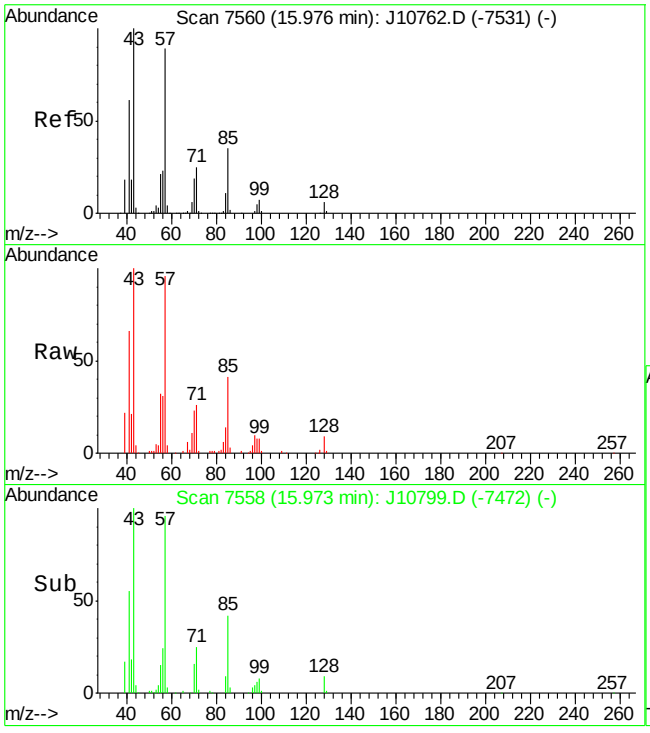


#58
STYRENE
Concen: 1.34 PPBV m
RT: 15.66 min Scan# 7383
Delta R.T. -0.01 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion:104 Resp: 2393

Ion	Ratio	Lower	Upper
104	100		
78	66.9	24.2	64.2#
103	42.2	27.1	67.1

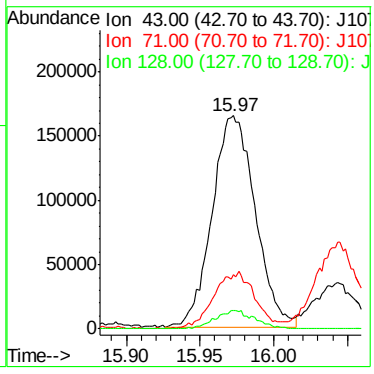


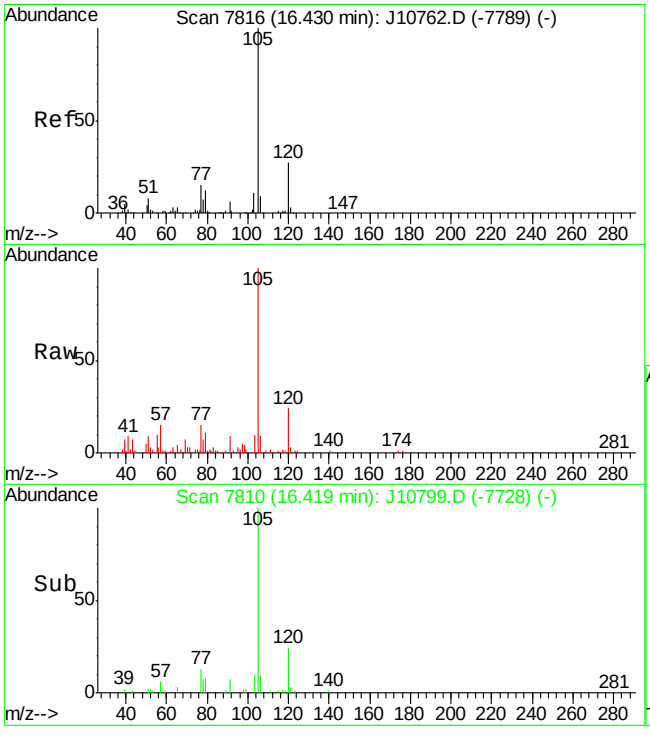


#59
NONANE
Concen: 6.27 PPBV
RT: 15.97 min Scan# 7558
Delta R.T. -0.00 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion: 43 Resp: 336771

Ion	Ratio	Lower	Upper
43	100		
71	25.7	5.1	45.1
128	7.9	0.0	26.7

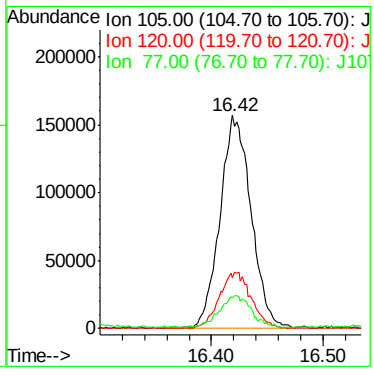


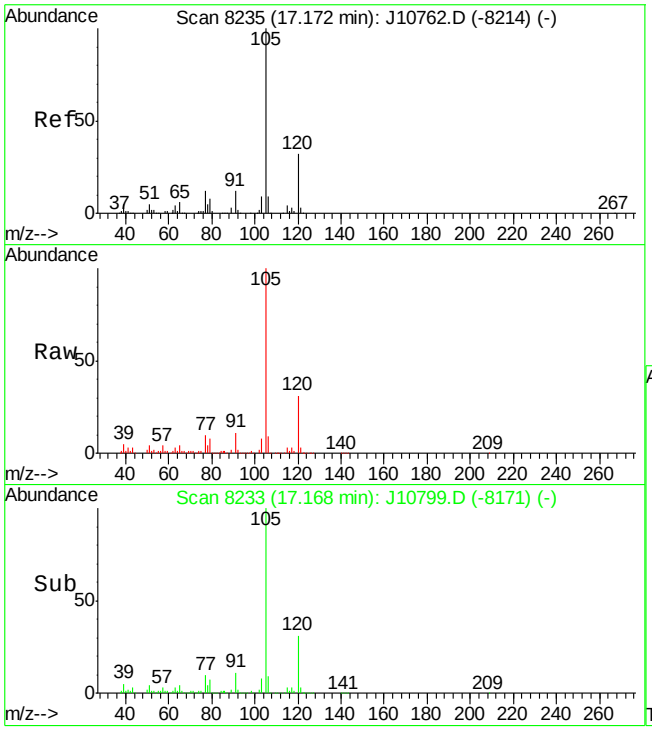


#63
ISOPROPYLBENZENE
Concen: 2.60 PPBV
RT: 16.42 min Scan# 7810
Delta R.T. -0.01 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion:105 Resp: 303311

Ion	Ratio	Lower	Upper
105	100		
120	27.1	6.6	46.6
77	15.8	0.0	35.9

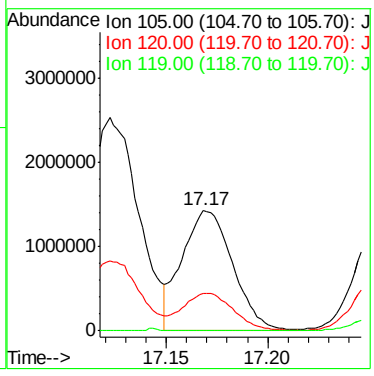


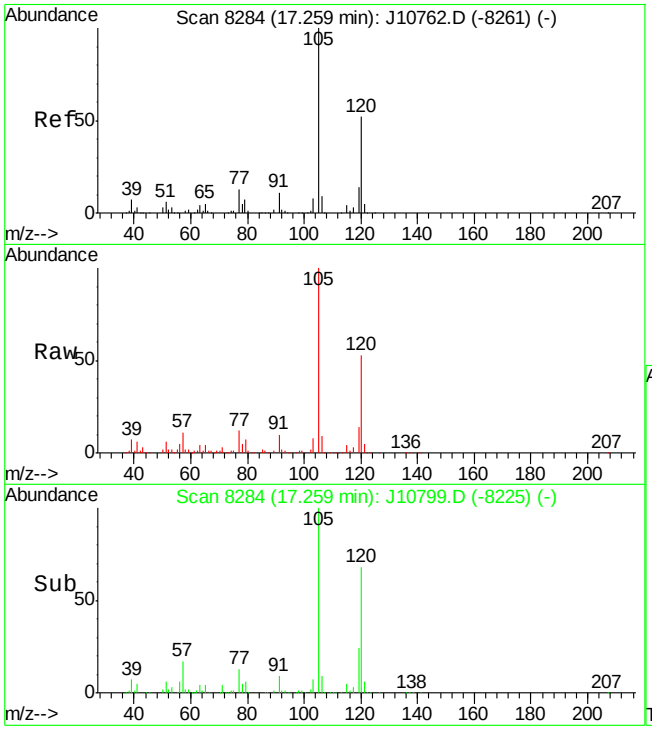


#65
4-ETHYLTOLUENE
Concen: 15.67 PPBV m
RT: 17.17 min Scan# 8233
Delta R.T. -0.00 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion:105 Resp: 2505844

Ion	Ratio	Lower	Upper
105	100		
120	62.5	11.0	51.0#
119	0.4	0.0	20.9

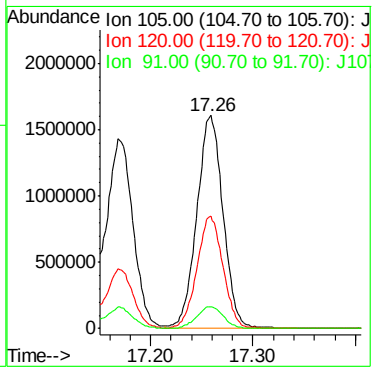


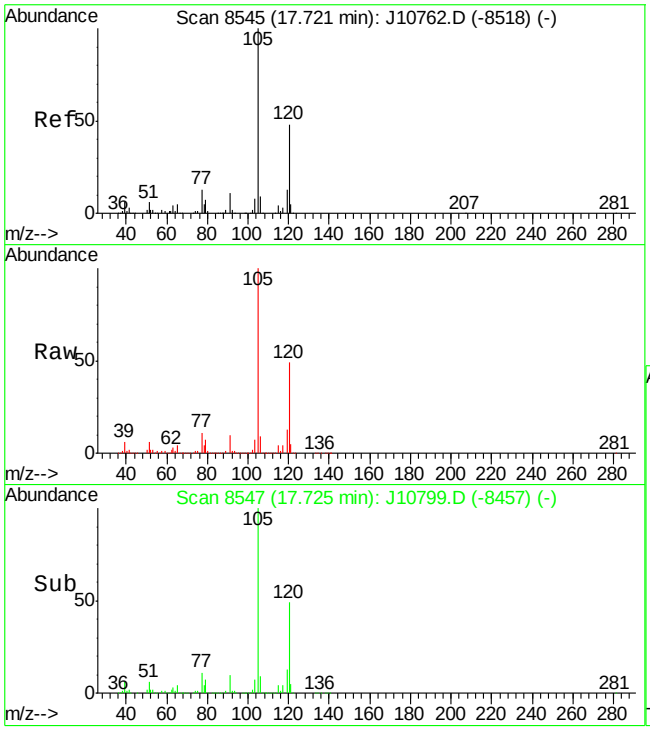


#66
1,3,5-TRIMETHYLBENZENE
Concen: 19.63 PPBV
RT: 17.26 min Scan# 8284
Delta R.T. 0.00 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion:105 Resp: 2852844

Ion	Ratio	Lower	Upper
105	100		
120	52.7	32.0	72.0
91	10.4	0.0	31.0

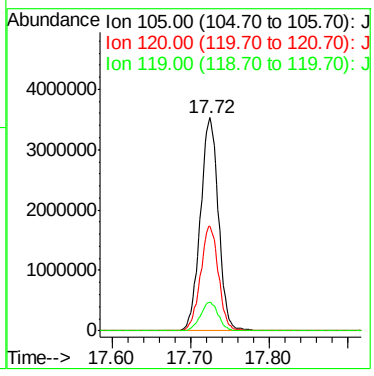




#67
1,2,4-TRIMETHYLBENZENE
Concen: 40.07 PPBV
RT: 17.72 min Scan# 8547
Delta R.T. 0.00 min
Lab File: J10799.D
Acq: 27 Jun 2007 4:23 pm

Tgt Ion:105 Resp: 5645404

Ion	Ratio	Lower	Upper
105	100		
120	48.9	27.6	67.6
119	13.4	0.0	33.1

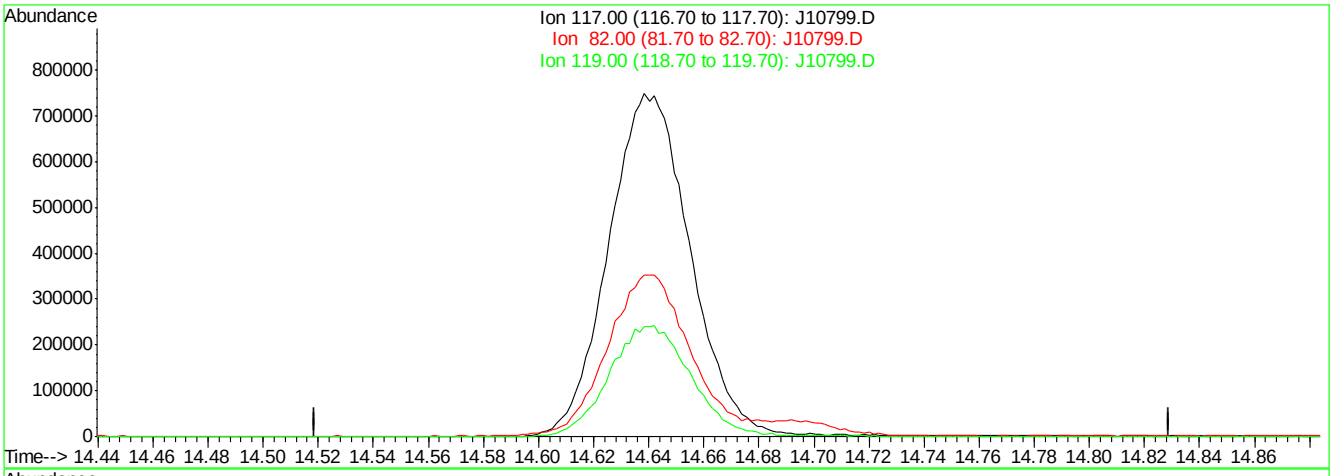


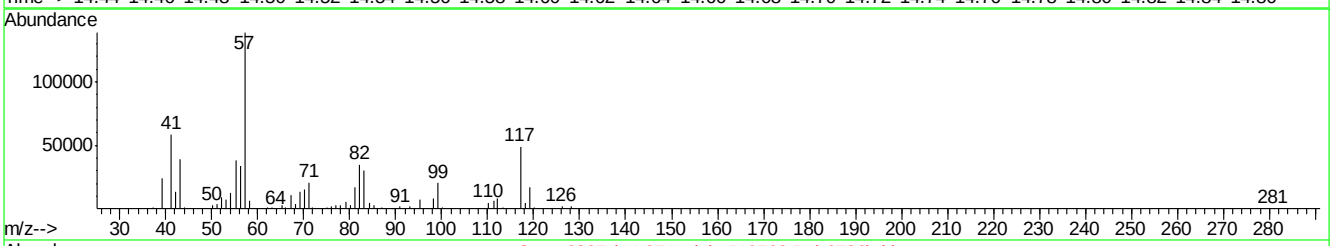
Quantitation Report (Qedit)

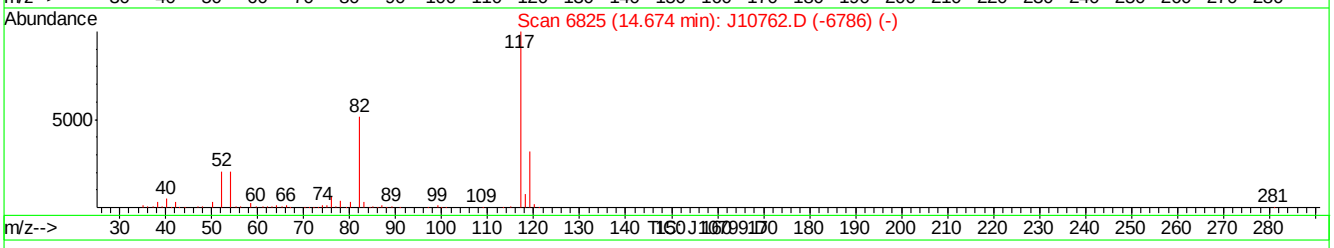
Data File : C:\MSDCHEM\1\DATA\J10799.D Vial: 3
Acq On : 27 Jun 2007 4:23 pm Operator: danat
Sample : m65576-1dup (M180) Inst : MSJ
Misc : MS13762, MSJ558,,,,,500 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 27 17:26:04 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:15:12 2007
Response via : Multiple Level Calibration







(49) CHLOROBENZENE-D5 (I)

14.67min 0.00PPBV

response 0

Ion	Exp%	Act%
117.00	100	0.00
82.00	0.00	0.00
119.00	0.00	0.00
0.00	0.00	0.00

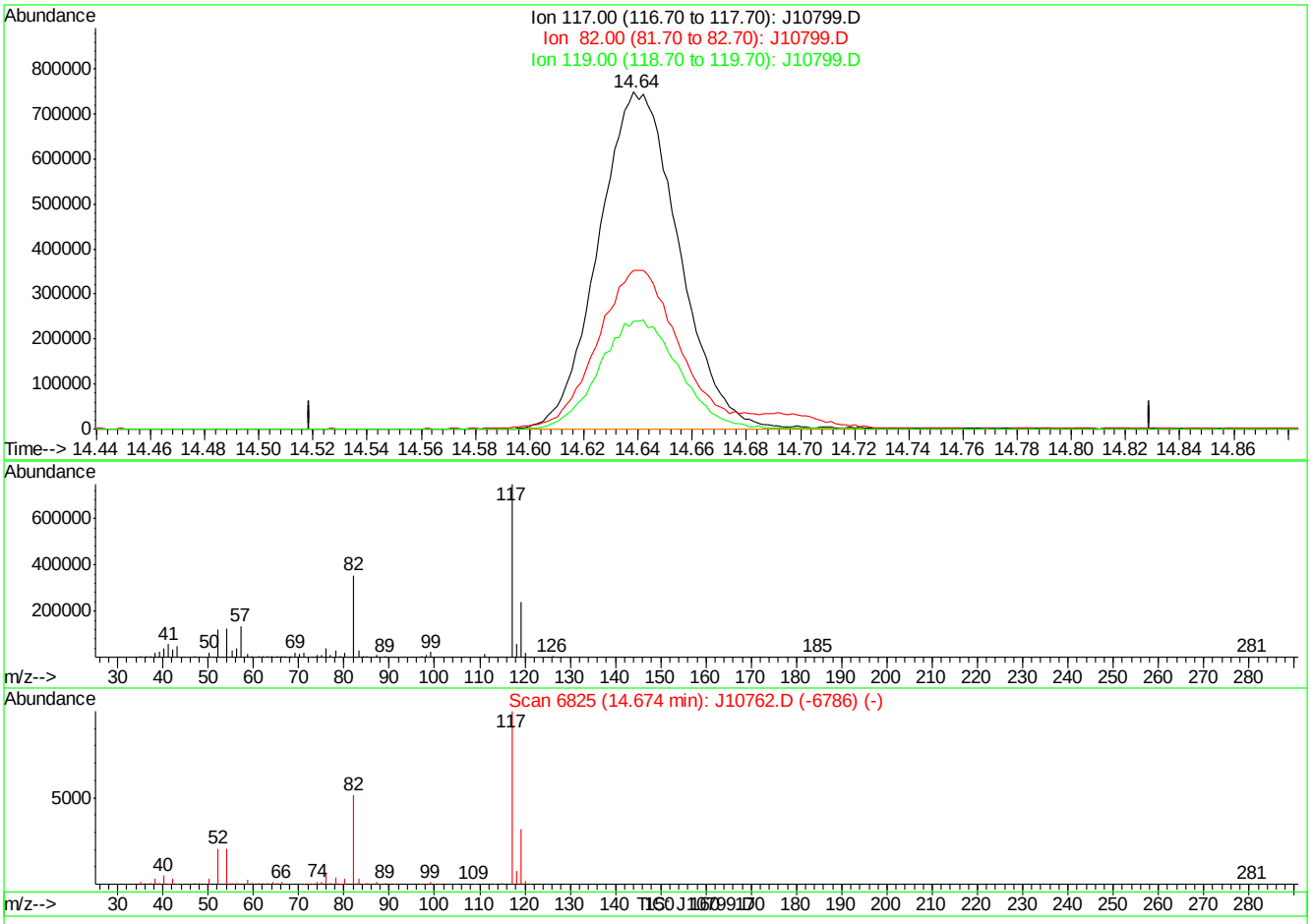
J10799.D J062507T.M Wed Jun 27 17:27:39 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10799.D Vial: 3
Acq On : 27 Jun 2007 4:23 pm Operator: danat
Sample : m65576-1dup (M180) Inst : MSJ
Misc : MS13762, MSJ558,,,,,500 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 27 17:26:04 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:15:12 2007
Response via : Multiple Level Calibration



(49) CHLOROBENZENE-D5 (I)

14.64min 10.00PPBV m

response 1546927

Ion	Exp%	Act%
117.00	100	100
82.00	0.00	0.00
119.00	0.00	0.00
0.00	0.00	0.00

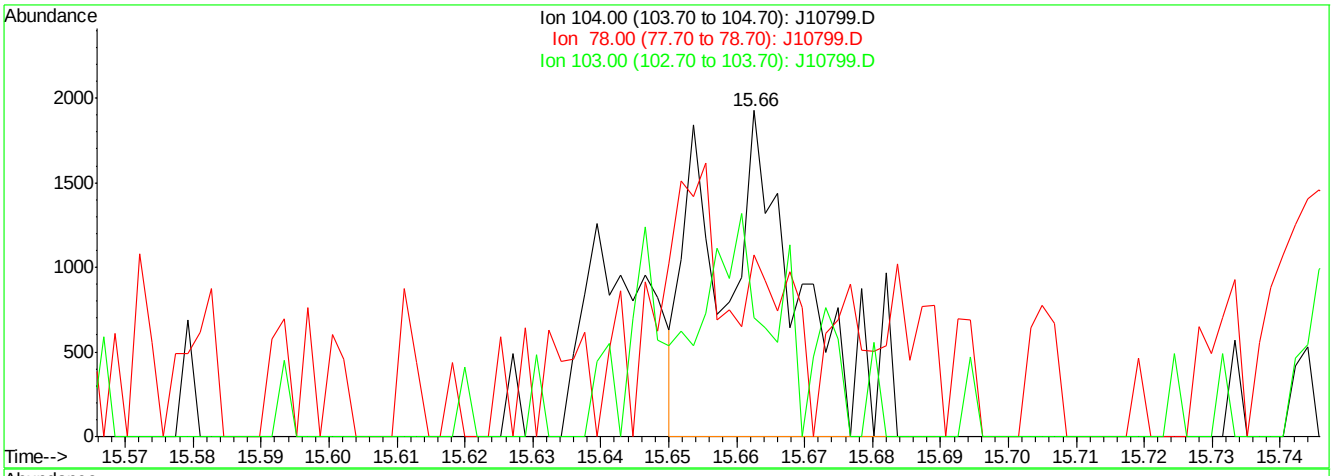
J10799.D J062507T.M Wed Jun 27 17:27:48 2007

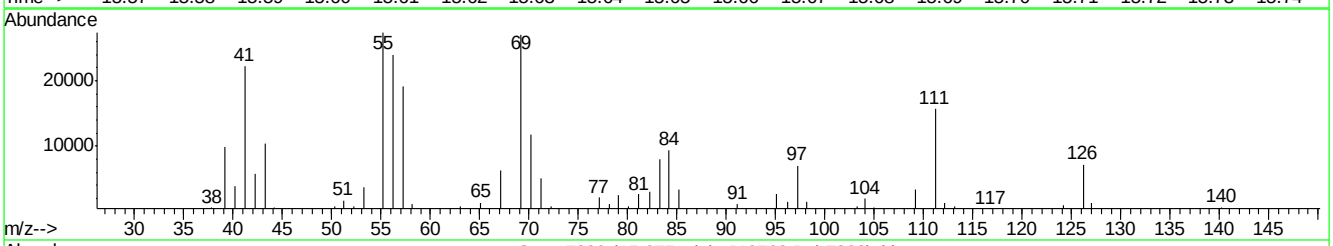
Quantitation Report (Qedit)

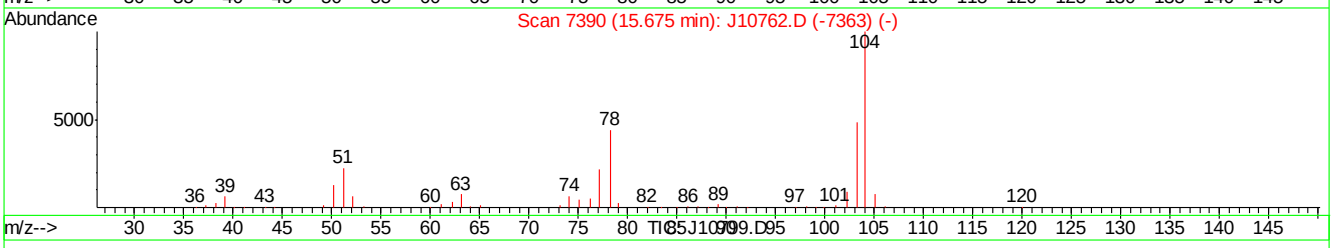
Data File : C:\MSDCHEM\1\DATA\J10799.D Vial: 3
Acq On : 27 Jun 2007 4:23 pm Operator: danat
Sample : m65576-1dup (M180) Inst : MSJ
Misc : MS13762, MSJ558,,,,,500 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 27 17:26:04 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:15:12 2007
Response via : Multiple Level Calibration







(58) STYRENE (m)

15.66min 1.33PPBV

response 1782

Ion	Exp%	Act%
104.00	100	100
78.00	44.20	89.79#
103.00	47.10	56.73
0.00	0.00	0.00

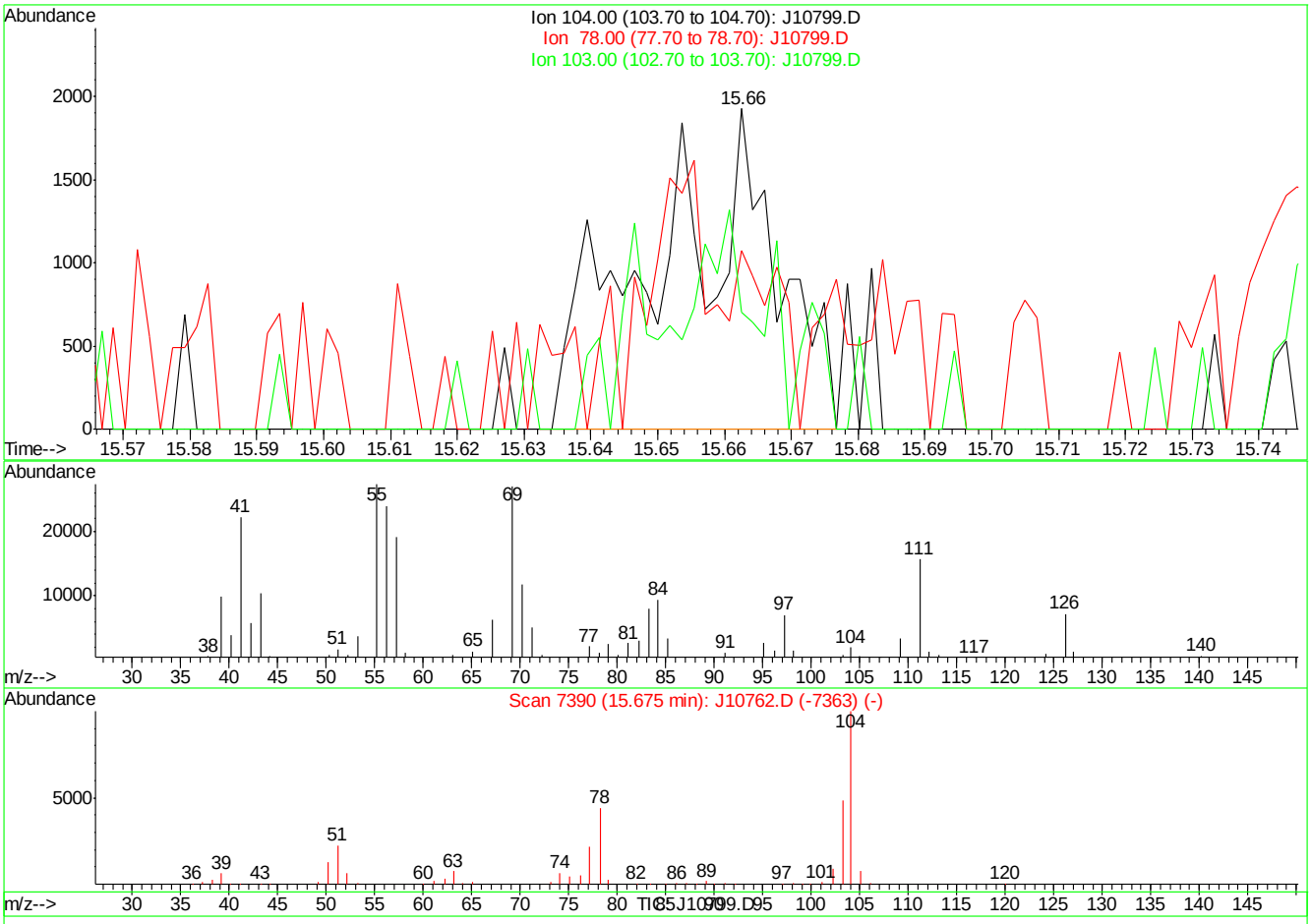
J10799.D J062507T.M Wed Jun 27 17:28:09 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10799.D Vial: 3
Acq On : 27 Jun 2007 4:23 pm Operator: danat
Sample : m65576-1dup (M180) Inst : MSJ
Misc : MS13762, MSJ558,,,,,500 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 27 17:26:04 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:15:12 2007
Response via : Multiple Level Calibration



(58) STYRENE (m)

15.66min 1.34PPBV m

response 2393

Ion	Exp%	Act%
104.00	100	100
78.00	44.20	66.86#
103.00	47.10	42.25
0.00	0.00	0.00

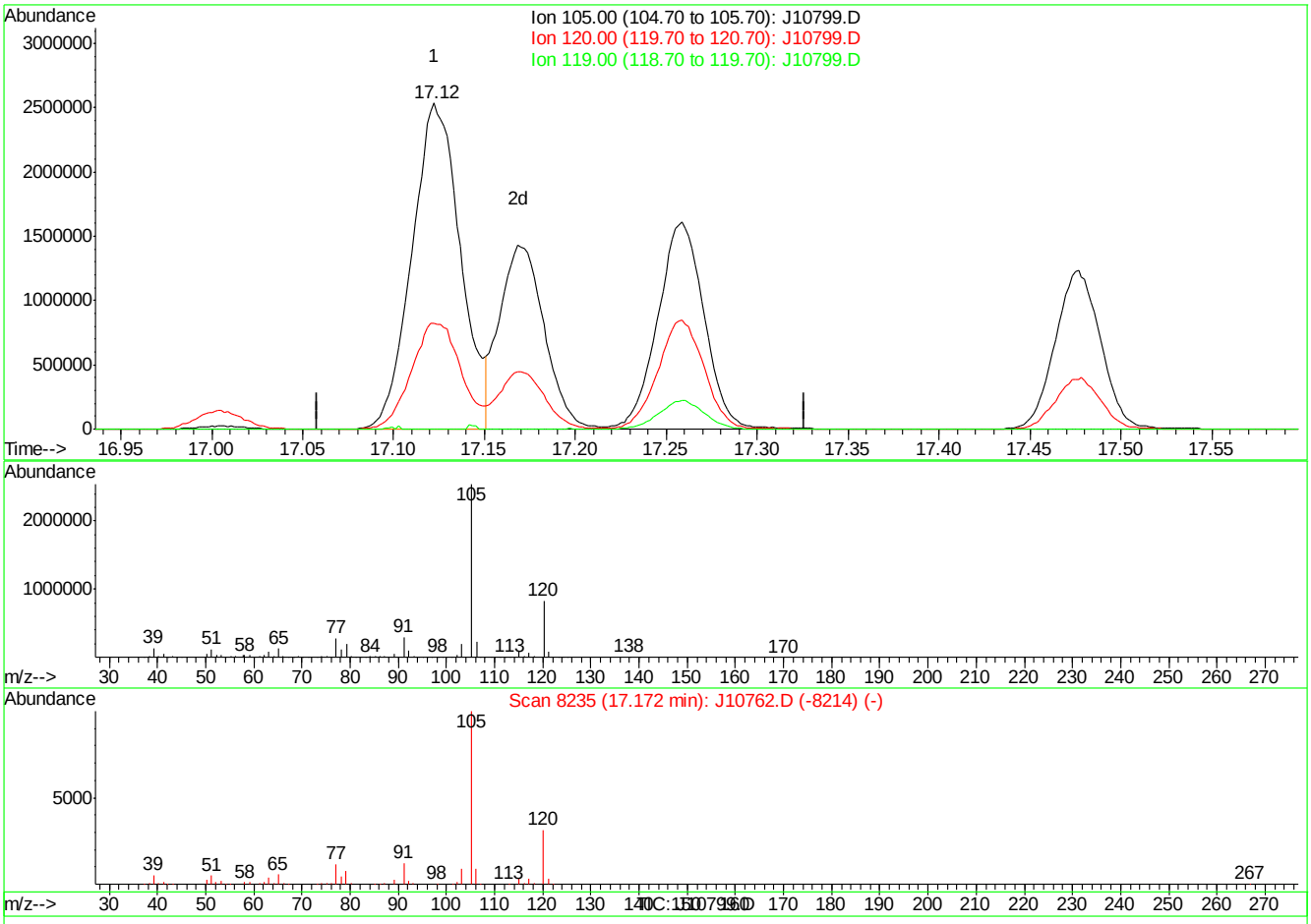
J10799.D J062507T.M Wed Jun 27 17:28:20 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10799.D Vial: 3
Acq On : 27 Jun 2007 4:23 pm Operator: danat
Sample : m65576-1dup (M180) Inst : MSJ
Misc : MS13762, MSJ558,,,,,500 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 27 17:26:04 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:15:12 2007
Response via : Multiple Level Calibration



(65) 4-ETHYLTOLUENE (m)

17.12min 28.22PPBV

response 4701956

Ion	Exp%	Act%
105.00	100	100
120.00	31.00	33.33
119.00	0.90	0.20
0.00	0.00	0.00

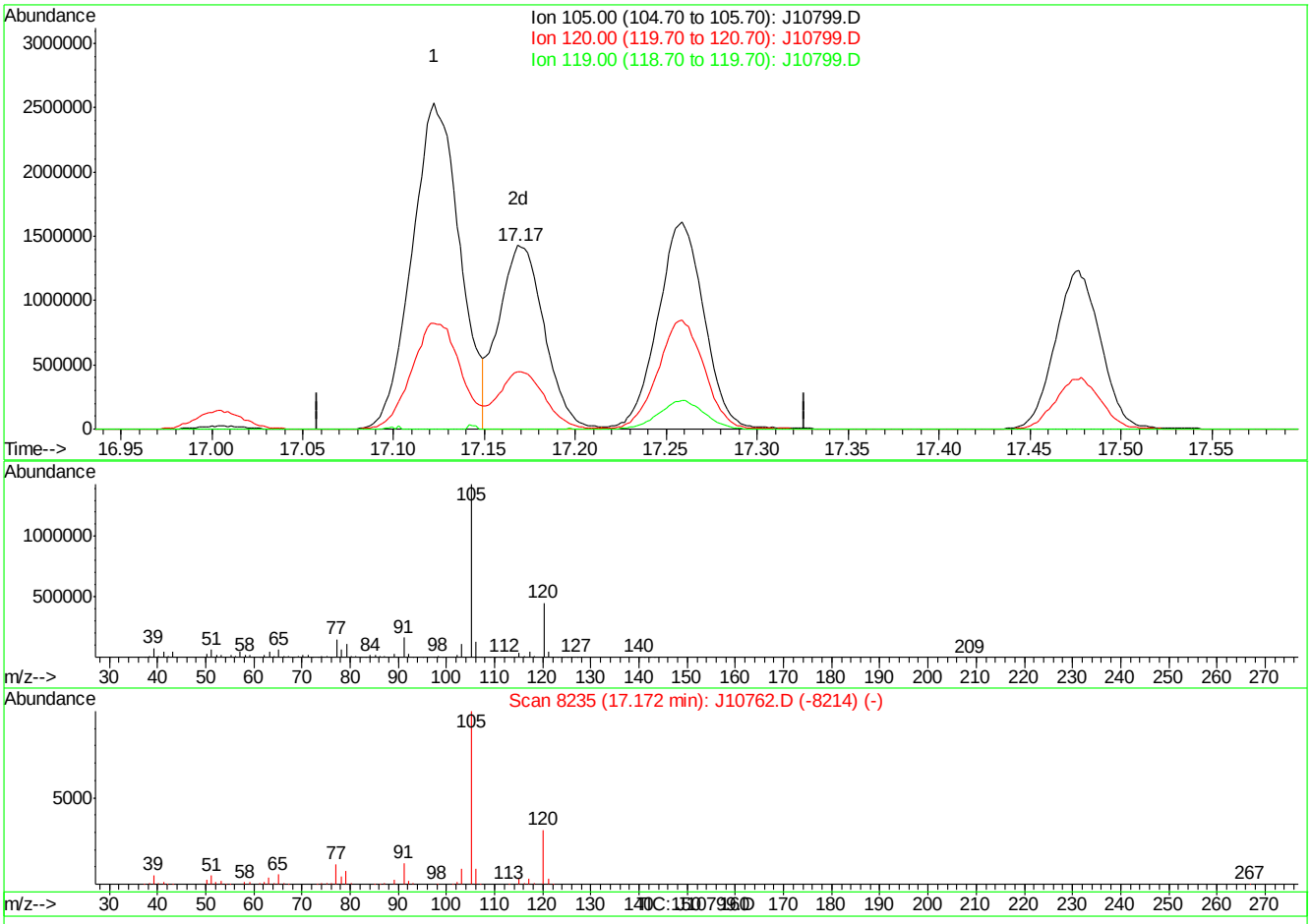
J10799.D J062507T.M Wed Jun 27 17:28:43 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10799.D Vial: 3
Acq On : 27 Jun 2007 4:23 pm Operator: danat
Sample : m65576-1dup (M180) Inst : MSJ
Misc : MS13762, MSJ558,,,,,500 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 27 17:26:04 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:15:12 2007
Response via : Multiple Level Calibration



(65) 4-ETHYLTOLUENE (m)

17.17min 15.67PPBV m

response 2505844

Ion	Exp%	Act%
105.00	100	100
120.00	31.00	62.54#
119.00	0.90	0.37
0.00	0.00	0.00

J10799.D J062507T.M Wed Jun 27 17:28:53 2007

Manual Integrations
APPROVED
(compounds with "m" flag)
Philip Bassignani
06/18/07 11:34

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10589a.D
Acq On : 7 Jun 2007 6:41 pm
Operator : danat
Sample : m65337-3 (m151)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 08 15:54:56 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	349729	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.43	114	1565972	10.00	PPBV	-0.01
49) CHLOROBENZENE-D5	14.66	117	1349596m	10.00	PPBV	-0.01

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	410657m	5.01	PPBV	-0.02

Spiked Amount 5.000 Range 51 - 142 Recovery = 100.20%

Target Compounds Qvalue

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

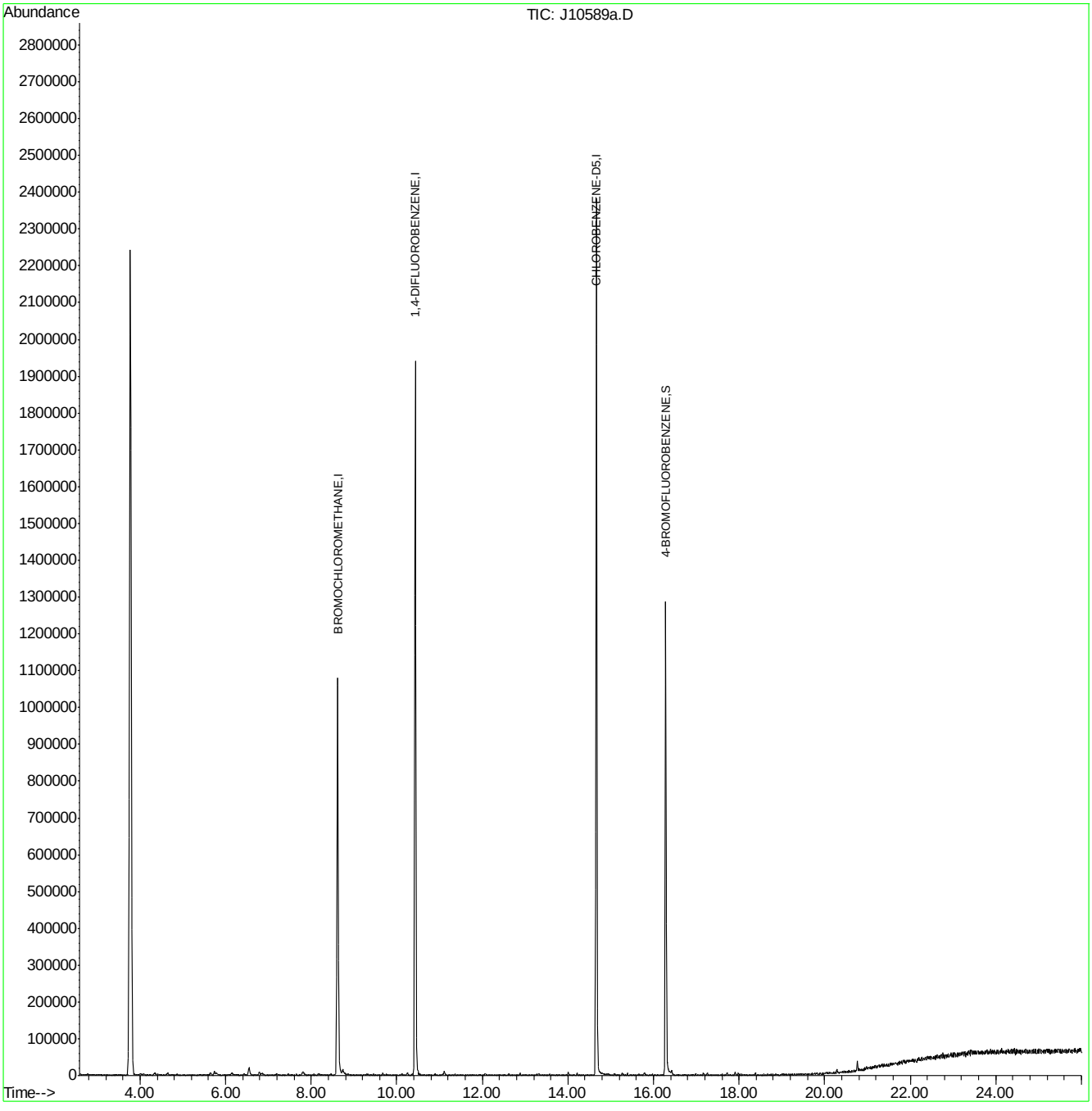
6.5.1

6

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10589a.D
Acq On : 7 Jun 2007 6:41 pm
Operator : danat
Sample : m65337-3 (m151)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 08 15:54:56 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration

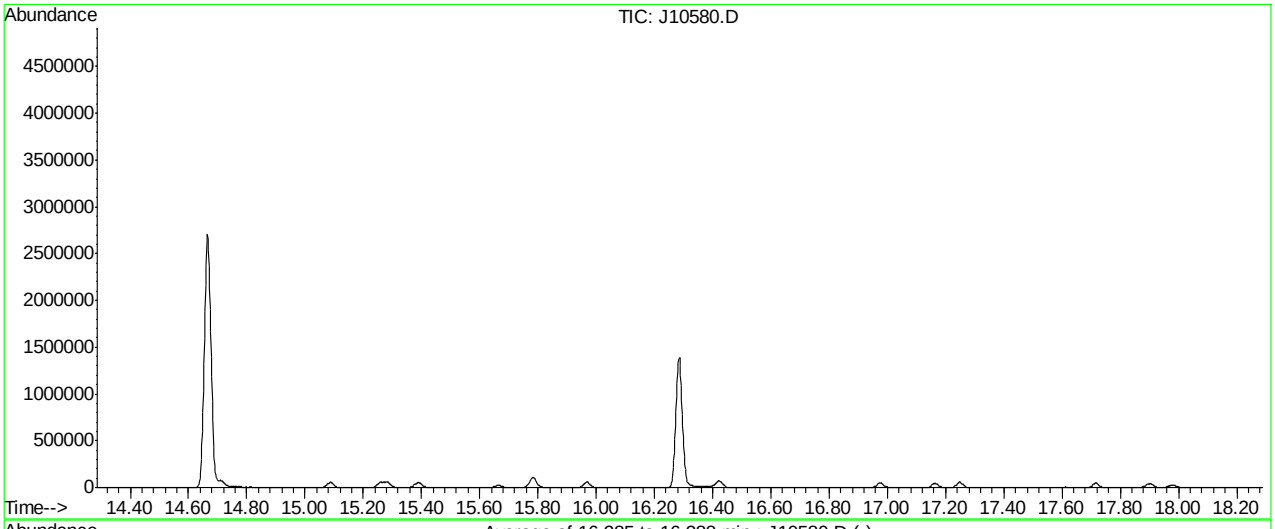


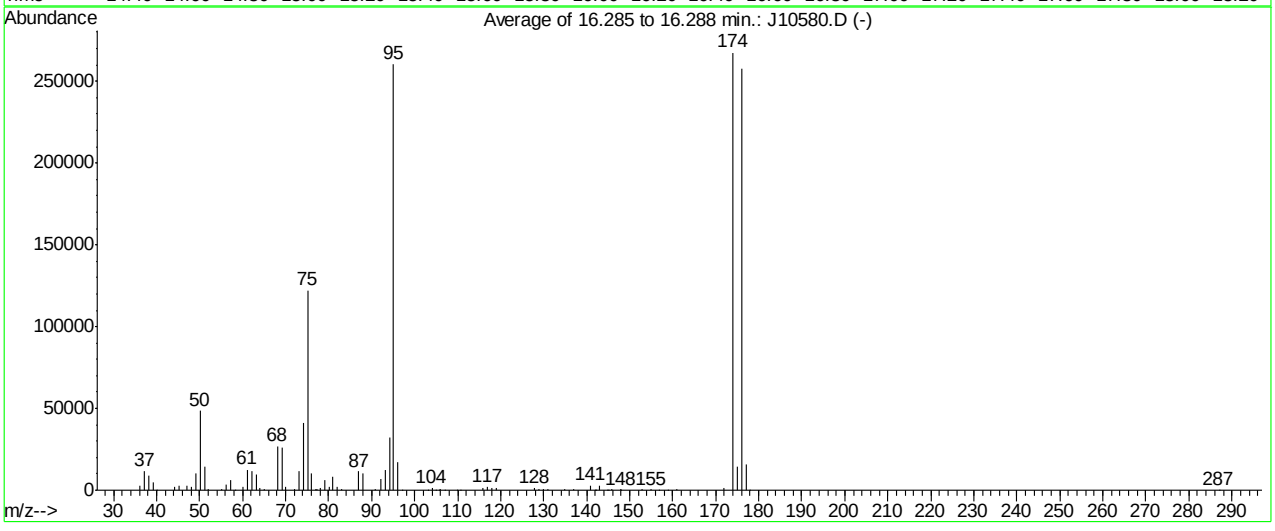
BFB

Data File : C:\MSDChem\1\data\J10580.D
Acq On : 7 Jun 2007 9:39 am
Sample : ic548-0.5 (m122)
Misc : MS13684, MSJ548,,,,,1
MS Integration Params: LSCINT.P

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

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





AutoFind: Scans 7734, 7735, 7736; Background Corrected with Scan 7710

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	18.6	48352	PASS
75	95	30	66	46.9	122221	PASS
95	95	100	100	100.0	260629	PASS
96	95	5	9	6.7	17365	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	102.7	267626	PASS
175	174	4	9	5.3	14306	PASS
176	174	93	101	96.4	257984	PASS
177	176	5	9	6.0	15568	PASS

J10580.D J060707T.M Thu Jun 07 16:48:01 2007

Average of 16.285 to 16.288 min.: J10580.D
ic548-0.5 (m122)
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.20	2608	51.15	14484	65.15	1022	77.95	1204
37.15	11709	52.10	699	68.10	26978	79.00	6421
38.15	9158	55.05	645	69.10	26045	80.05	1992
39.15	4484	56.10	3485	70.10	1830	81.00	8428
39.95	324	57.10	6430	72.15	1005	82.00	1995
44.10	2108	58.20	212	73.10	11782	83.10	563
45.10	2549	60.15	2335	74.10	40872	87.05	11359
47.05	2506	61.10	12416	75.10	122221	88.00	10249
48.15	1792	62.10	11618	76.10	10627	90.95	1022
49.15	10215	63.10	9352	77.05	891	92.05	6981
50.10	48352	64.05	1202	77.30	520	93.10	12161

Average of 16.285 to 16.288 min.: J10580.D
ic548-0.5 (m122)
Modified:subtracted

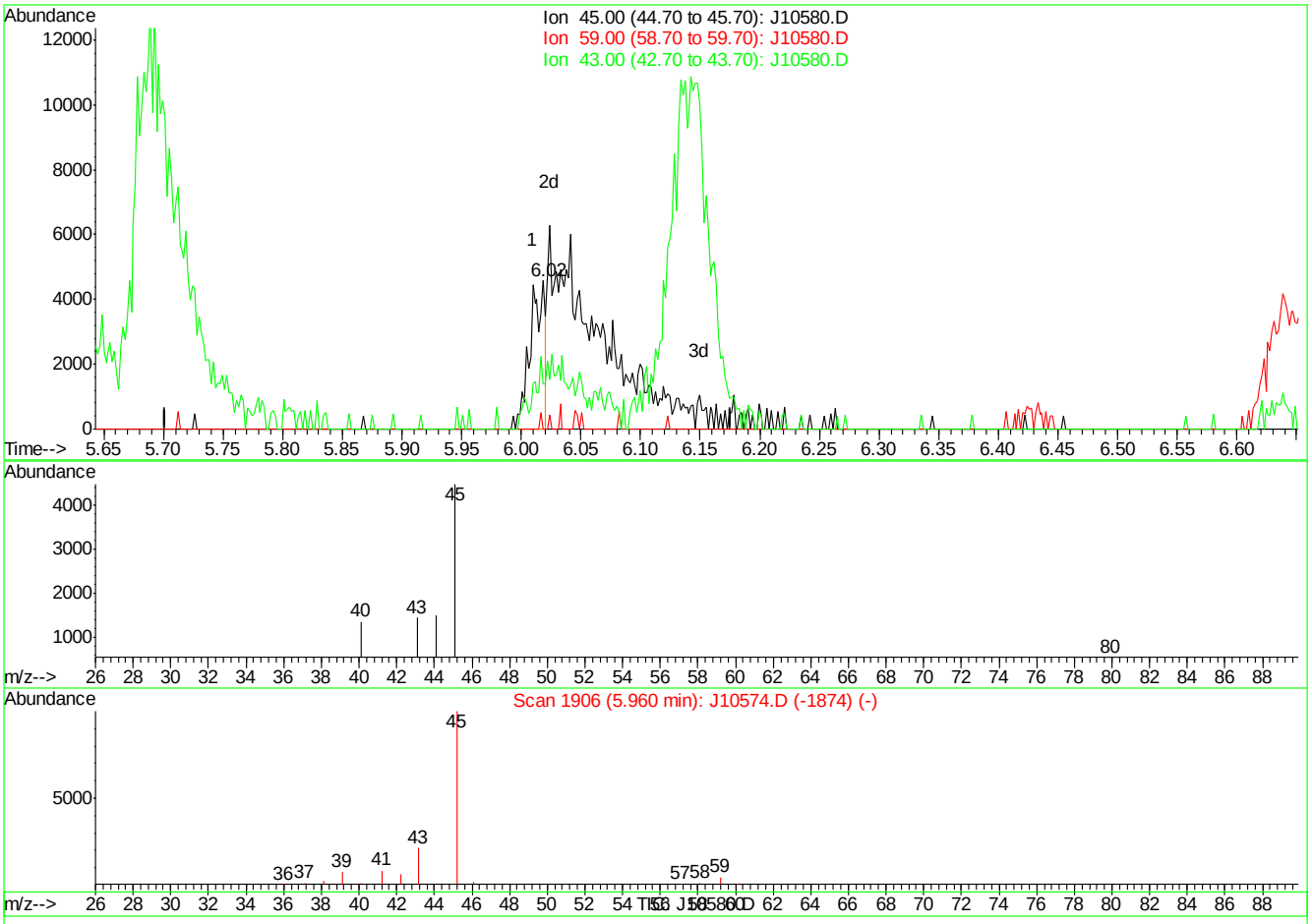
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
94.15	32104	110.70	174	141.00	3045	156.90	219
95.10	260629	115.95	1179	141.90	279	158.80	264
96.10	17365	117.00	1816	142.20	235	160.85	416
97.00	283	117.90	1249	143.00	2549	171.95	1539
103.10	147	119.00	1661	144.70	239	174.00	267626
104.00	1196	127.90	1274	145.00	348	175.00	14306
104.95	298	128.90	404	145.95	593	176.00	257984
105.70	220	129.95	886	147.80	274	177.00	15568
106.00	735	130.85	579	147.95	580	177.90	185
106.90	204	134.95	371	152.90	372	287.00	157
109.80	146	137.00	640	155.00	631		

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 10:11:17 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:11:07 2007
Response via : Multiple Level Calibration



(11) ISOPROPYL ALCOHOL (m)

6.01min 0.09PPBV

response 3923

Ion	Exp%	Act%
45.00	100	100
59.00	4.40	0.00
43.00	21.90	32.31
0.00	0.00	0.00

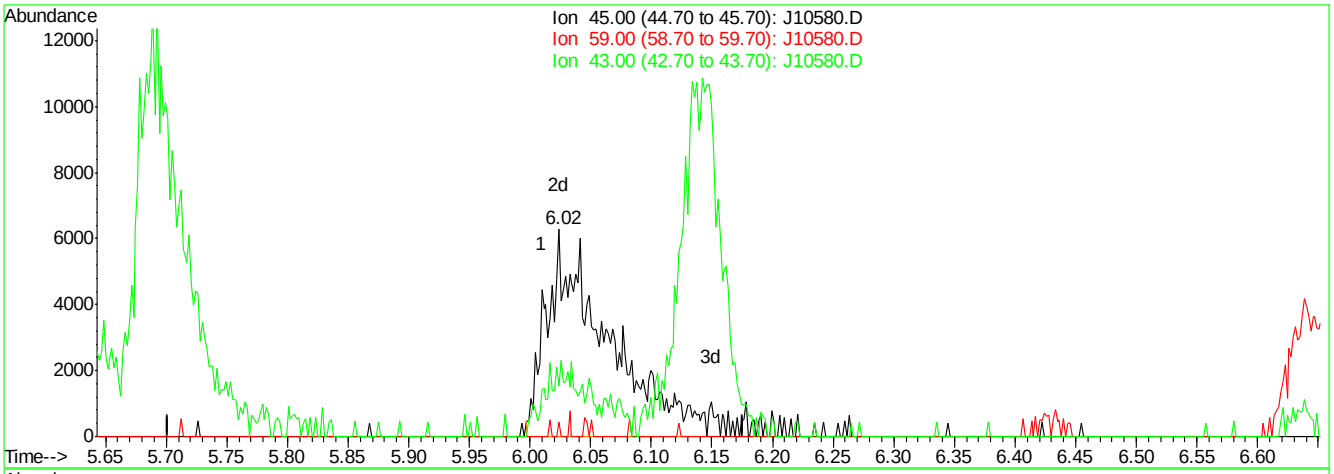
J10580.D J060707T.M Thu Jun 07 10:11:50 2007

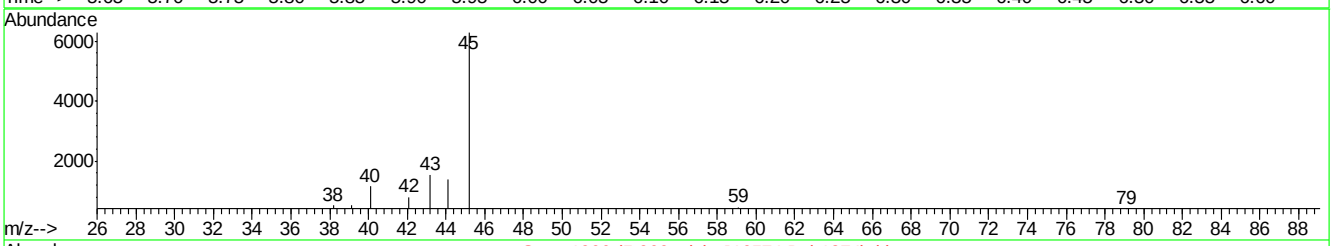
Quantitation Report (Qedit)

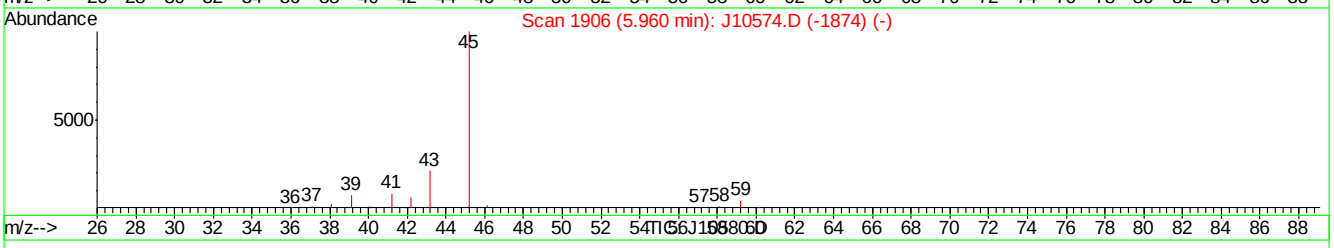
Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 10:11:17 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:11:07 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.02min 0.49PPBV m

response 21552

Ion	Exp%	Act%
45.00	100	100
59.00	4.40	7.28
43.00	21.90	24.31
0.00	0.00	0.00

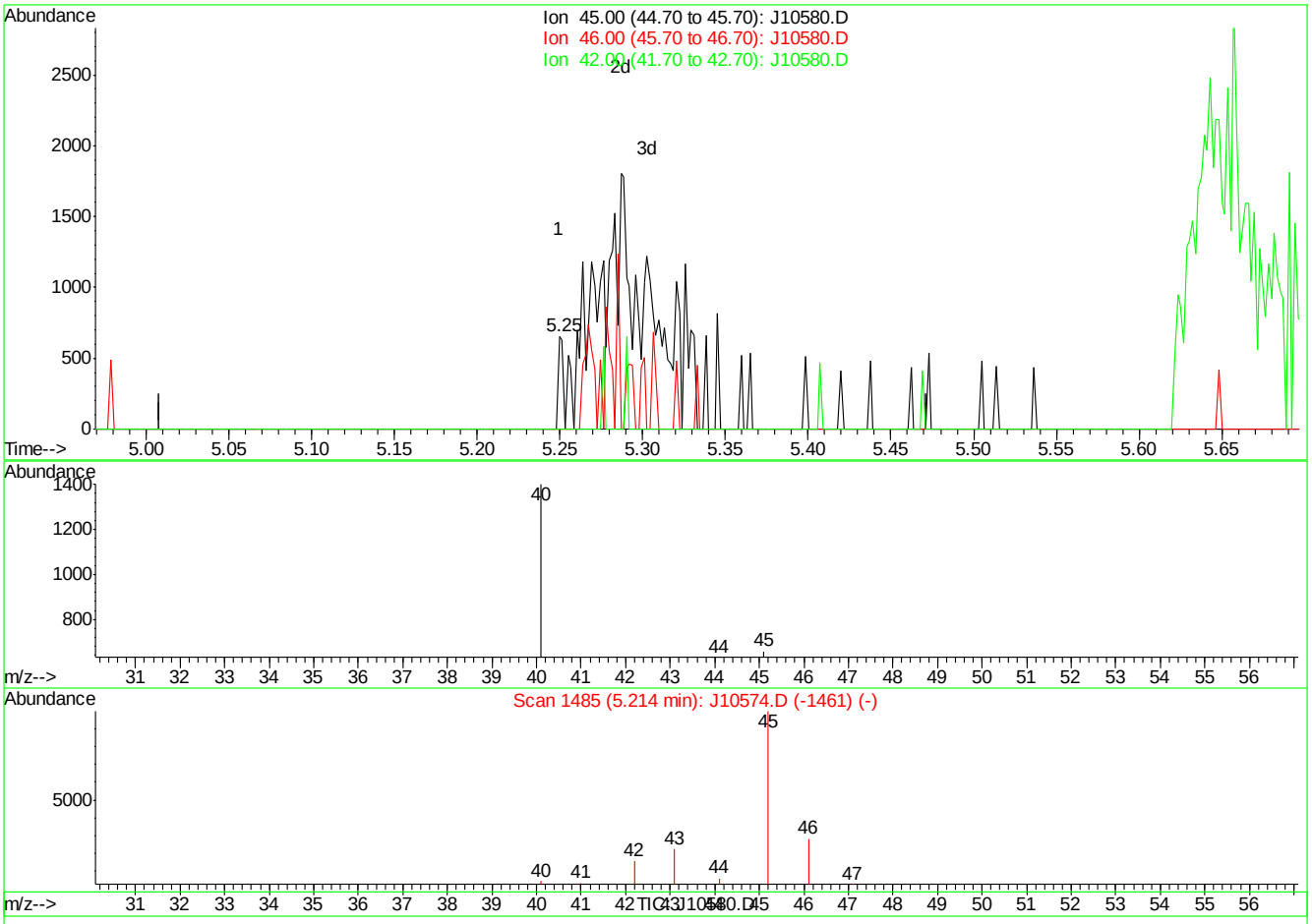
J10580.D J060707T.M Thu Jun 07 10:11:59 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 10:11:17 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:11:07 2007
Response via : Multiple Level Calibration



(16) ETHANOL (m)

5.25min 0.03PPBV

response 238

Ion	Exp%	Act%
45.00	100	100
46.00	30.00	142.86#
42.00	6.30	0.00
0.00	0.00	0.00

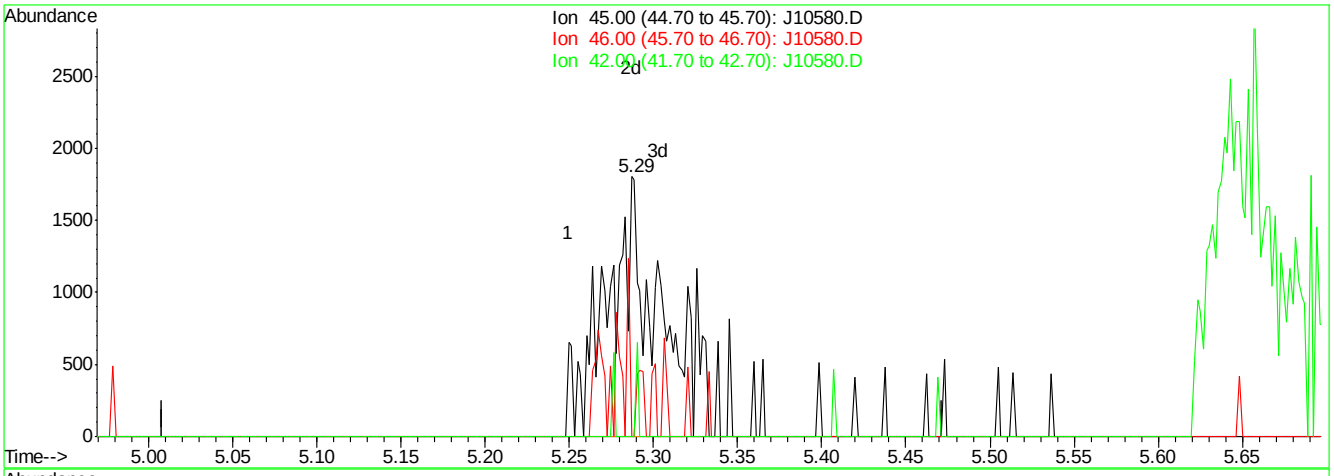
J10580.D J060707T.M Thu Jun 07 10:12:08 2007

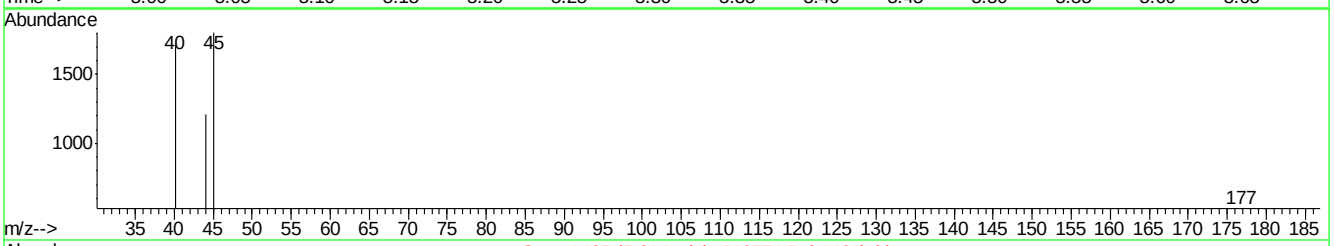
Quantitation Report (Qedit)

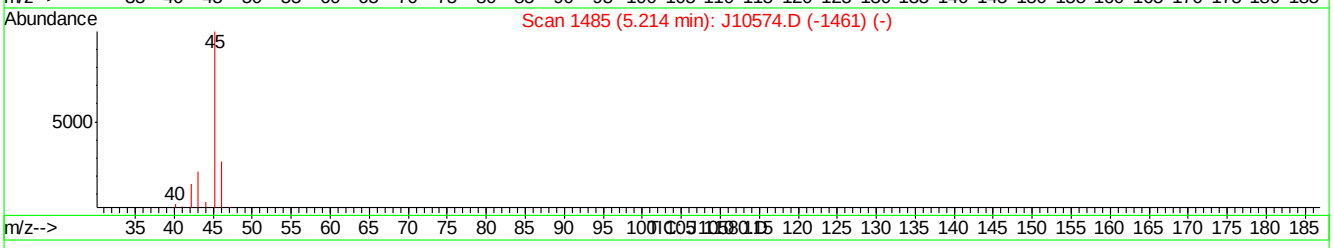
Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 10:11:17 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:11:07 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.29min 0.41PPBV m

response 3465

Ion	Exp%	Act%
45.00	100	100
46.00	30.00	9.81#
42.00	6.30	0.00
0.00	0.00	0.00

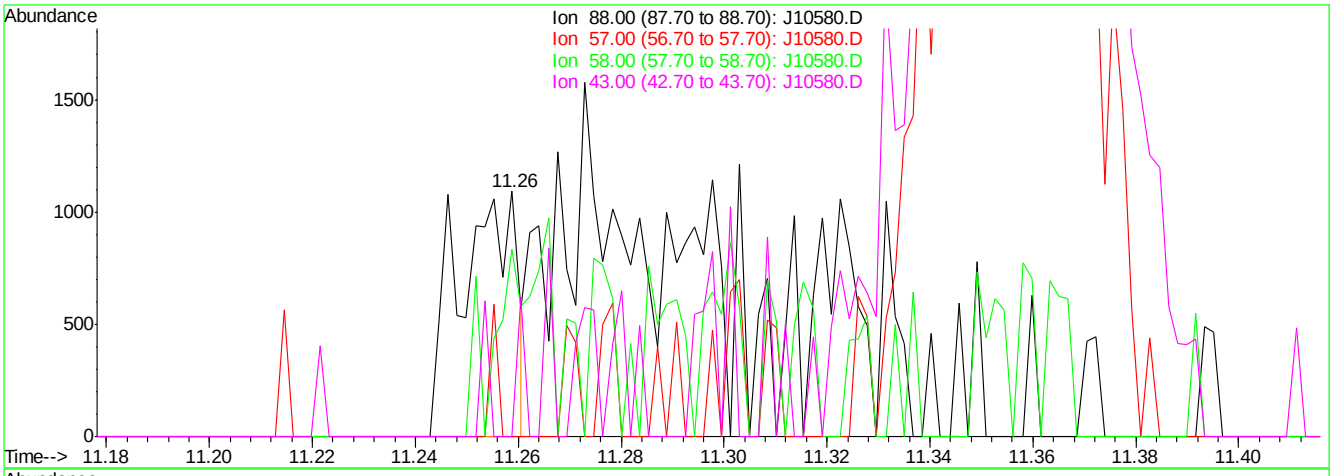
J10580.D J060707T.M Thu Jun 07 10:12:17 2007

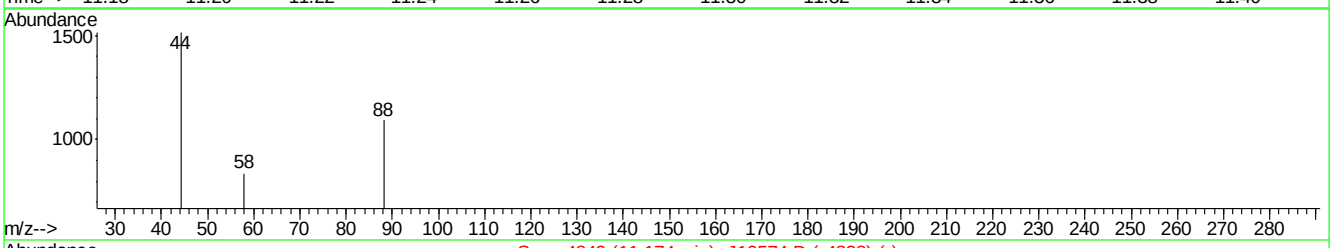
Quantitation Report (Qedit)

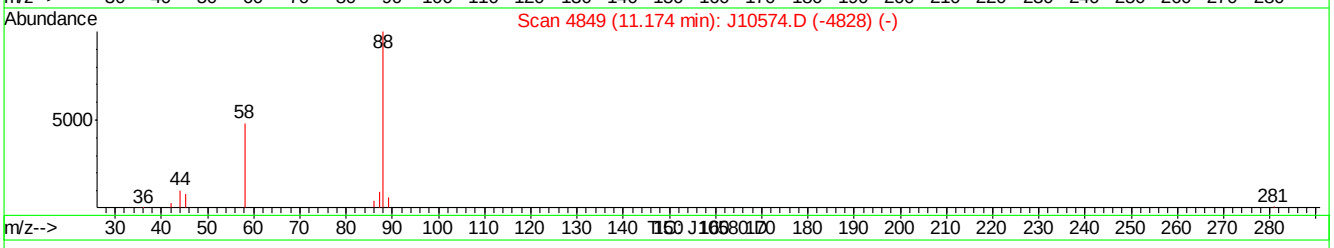
Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 10:11:17 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:11:07 2007
Response via : Multiple Level Calibration







(42) 1,4-DIOXANE (m)

11.26min 0.06PPBV

response 847

Ion	Exp%	Act%
88.00	100	100
57.00	23.80	0.00#
58.00	57.70	76.56
43.00	25.00	0.00#

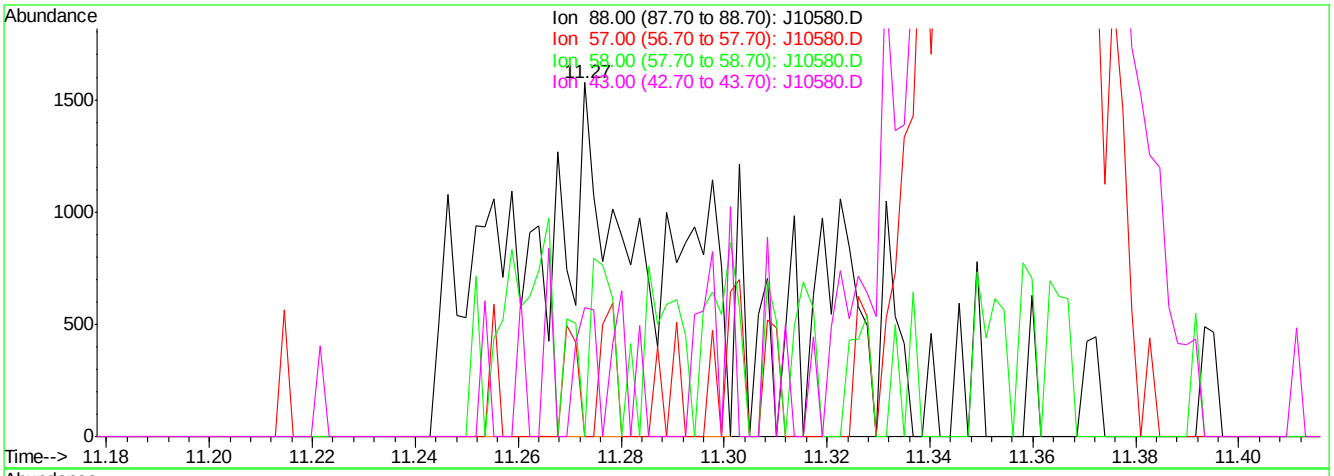
J10580.D J060707T.M Thu Jun 07 10:12:45 2007

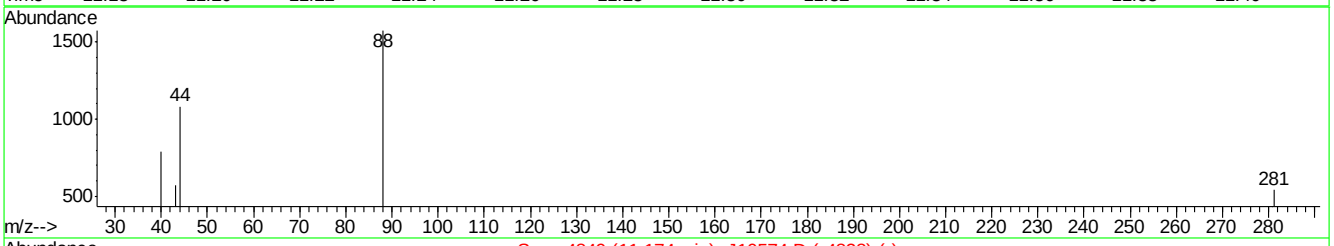
Quantitation Report (Qedit)

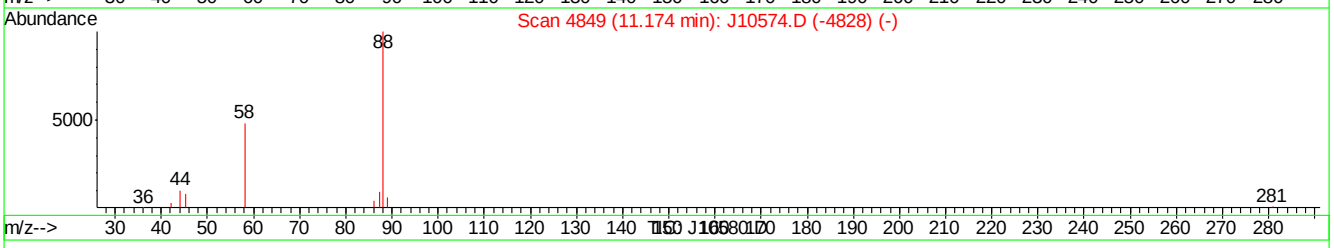
Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 10:11:17 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:11:07 2007
Response via : Multiple Level Calibration







(42) 1,4-DIOXANE (m)

11.27min 0.21PPBV m

response 2900

Ion	Exp%	Act%
88.00	100	100
57.00	23.80	0.00#
58.00	57.70	0.00#
43.00	25.00	36.29

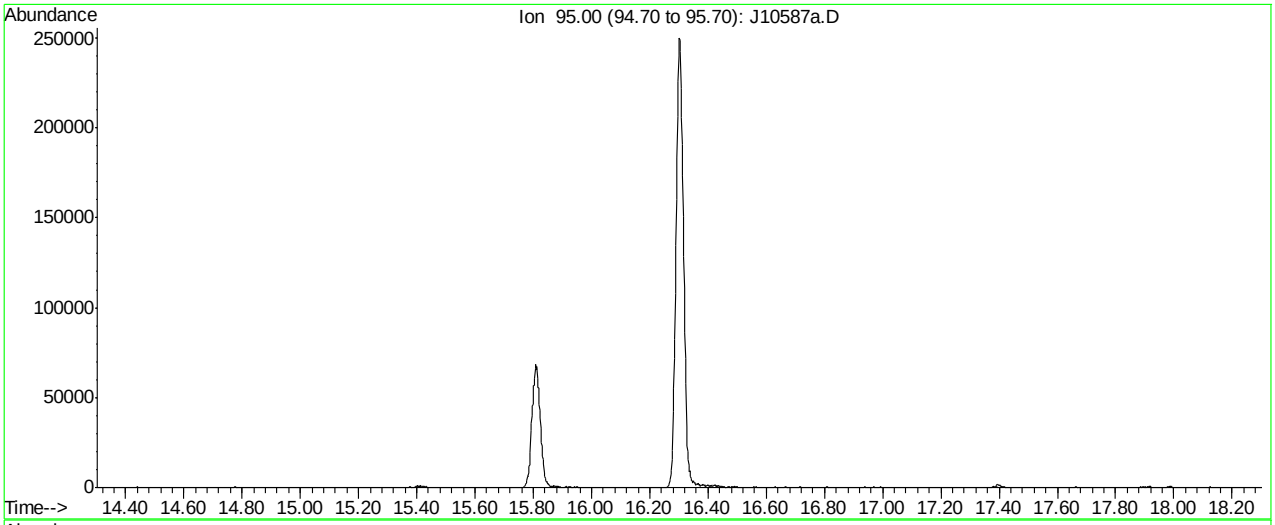
J10580.D J060707T.M Thu Jun 07 10:12:52 2007

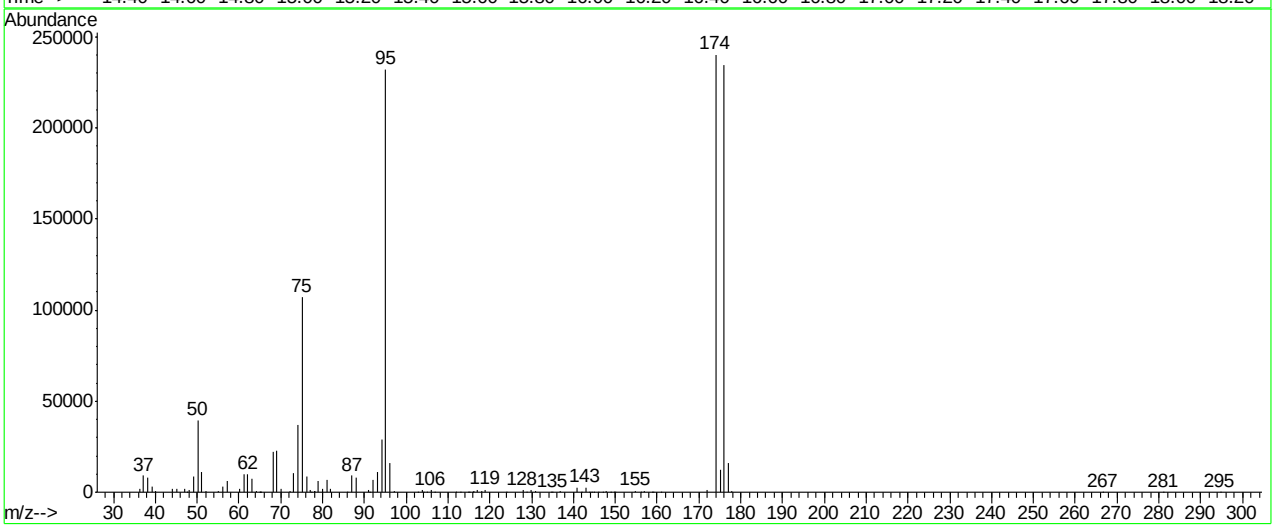
BFB

Data File : C:\MSDCHEM\1\DATA\J10587a.D
Acq On : 7 Jun 2007 4:48 pm
Sample : cc548-10 (m179)
Misc : MS13684, MSJ548,,,,,1
MS Integration Params: LSCINT.P

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

Method : C:\MSDCHEM\1\METHODS\J060707T.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 16.310 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	17.0	39509	PASS
75	95	30	66	46.1	107081	PASS
95	95	100	100	100.0	232049	PASS
96	95	5	9	6.8	15734	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	103.5	240270	PASS
175	174	4	9	5.1	12172	PASS
176	174	93	101	97.6	234552	PASS
177	176	5	9	6.7	15830	PASS

J10587a.D J060707T.M Fri Jun 08 15:35:19 2007

Average of 16.295 to 16.310 min.: J10587a.D
cc548-10 (m179)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.15	2089	50.10	39509	64.90	46	77.05	1236
37.15	9231	51.15	11405	65.00	69	77.30	72
38.15	8018	52.05	567	65.15	244	78.00	409
39.15	3373	55.10	636	68.10	22212	78.15	397
40.05	683	56.15	3134	69.10	23064	79.00	6146
44.15	1852	57.10	6160	70.10	1904	80.00	1847
45.10	1648	60.05	2042	72.15	848	81.00	6559
47.10	2073	61.10	9602	73.10	10207	81.95	1754
47.60	126	62.10	9858	74.10	36844	85.85	169
48.10	1133	63.10	7454	75.10	107081	87.05	8985
49.15	8539	64.10	877	76.10	8943	88.05	8310

Average of 16.295 to 16.310 min.: J10587a.D
cc548-10 (m179)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
91.00	1113	105.00	287	118.95	1492	142.95	2773
91.20	82	105.95	1147	123.85	93	143.70	51
92.10	6830	106.90	45	127.95	1129	144.20	49
93.10	10839	112.00	54	128.80	274	144.90	155
94.10	28694	112.90	46	129.90	1116	145.85	309
95.10	232049	114.90	54	130.95	382	147.10	45
96.10	15734	115.10	62	134.80	261	147.85	623
97.05	390	115.90	229	135.00	78	148.95	196
102.90	56	116.05	797	136.90	380	149.70	49
103.95	988	116.95	1402	140.95	2462	150.00	104
104.20	107	118.00	879	141.95	282	154.90	854

Average of 16.295 to 16.310 min.: J10587a.D
cc548-10 (m179)

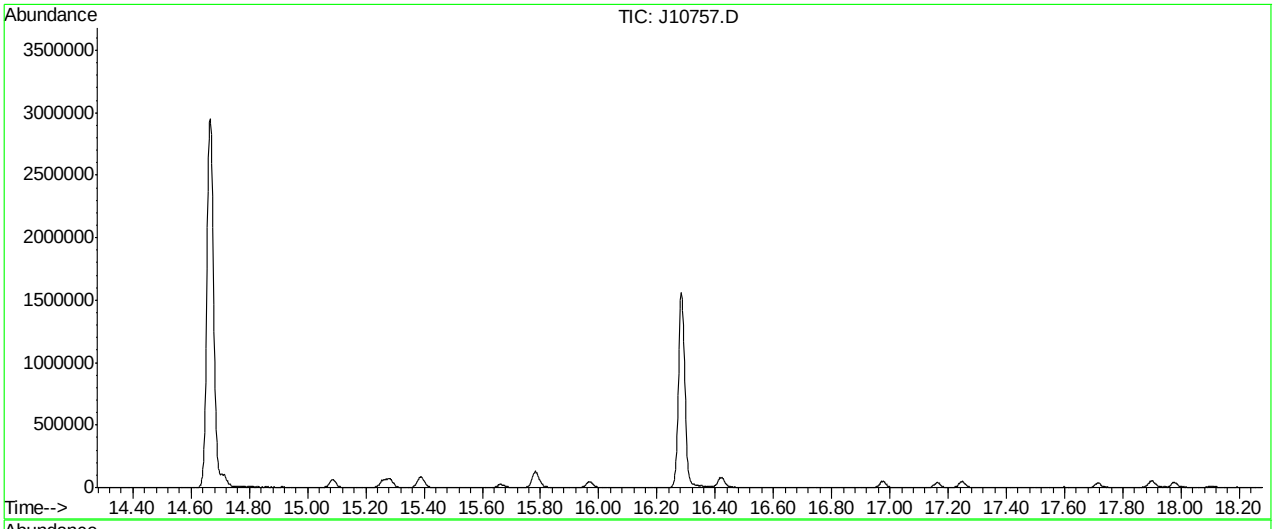
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
156.20	49	266.70	44				
156.90	359	281.10	45				
158.75	160	294.70	52				
158.95	119						
160.90	189						
171.95	970						
174.00	240270						
175.05	12172						
176.00	234552						
177.00	15830						
177.85	451						

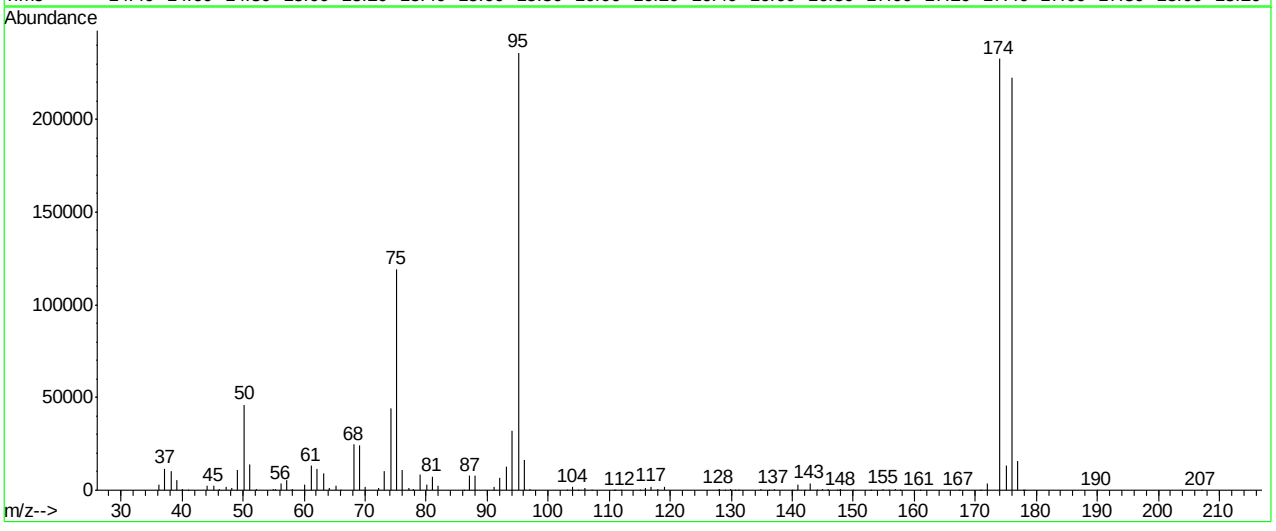
BFB

Data File : C:\MSDChem\1\data\J10757.D
Acq On : 25 Jun 2007 10:16 am
Sample : ic557-0.5 (m141)
Misc : MS13762, MSJ557,,,,,1
MS Integration Params: LSCINT.P

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

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.276 to 16.279 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	19.5	46130	PASS
75	95	30	66	50.5	119232	PASS
95	95	100	100	100.0	236096	PASS
96	95	5	9	6.8	16112	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	98.5	232533	PASS
175	174	4	9	5.8	13538	PASS
176	174	93	101	95.6	222378	PASS
177	176	5	9	7.1	15745	PASS

J10757.D J062507T.M Mon Jun 25 10:47:52 2007

Average of 16.276 to 16.279 min.: J10757.D
ic557-0.5 (m141)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.15	3215	49.15	11179	62.15	11782	75.10	119232
37.20	11738	50.20	46130	63.15	9383	76.10	10981
38.20	10410	51.15	14066	64.10	1451	77.15	1196
39.15	5396	52.10	916	65.15	2661	77.90	837
40.10	583	55.00	337	66.00	286	79.00	8396
41.00	153	55.25	682	68.10	24546	80.05	3027
44.10	2217	56.15	3477	69.10	24173	81.00	7443
45.15	2401	57.15	5600	70.05	1760	82.00	2167
46.15	482	58.10	412	72.15	1297	86.10	161
47.15	1847	60.15	2790	73.15	10549	87.10	7842
48.15	1478	61.15	13170	74.15	44104	88.05	7588

Average of 16.276 to 16.279 min.: J10757.D
ic557-0.5 (m141)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
91.05	1557	107.10	138	129.00	260	144.00	156
92.10	6870	110.80	151	129.95	703	144.90	639
93.10	12991	111.00	151	130.70	146	145.80	425
94.15	32266	111.90	153	131.10	215	147.30	138
95.10	236096	115.00	216	134.95	408	147.80	207
96.10	16112	115.90	936	136.10	180	147.95	386
97.05	537	116.95	2135	137.00	745	149.85	311
103.00	138	117.95	903	140.00	147	152.80	139
104.05	1558	119.00	1691	140.95	3332	154.95	800
104.90	232	127.90	216	142.10	248	155.90	167
105.95	1142	128.05	892	142.95	3800	156.95	610

Average of 16.276 to 16.279 min.: J10757.D
ic557-0.5 (m141)

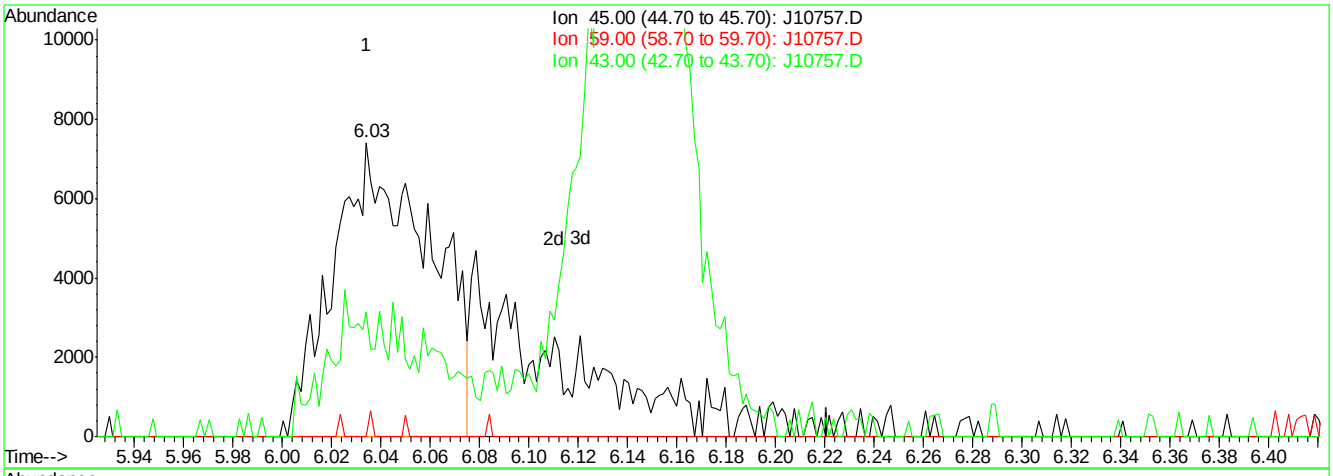
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
157.70	216	189.90	149				
160.90	252	207.00	144				
167.30	185						
170.90	169						
172.00	3719						
174.00	232533						
175.10	13538						
176.00	222378						
177.00	15745						
177.80	173						
178.10	138						

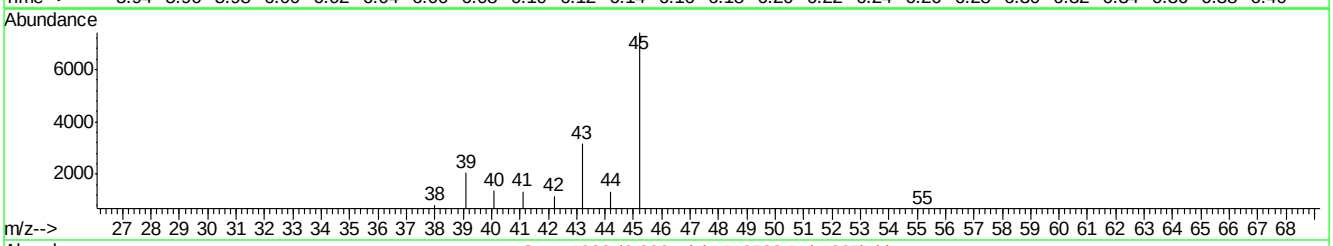
Quantitation Report (Qedit)

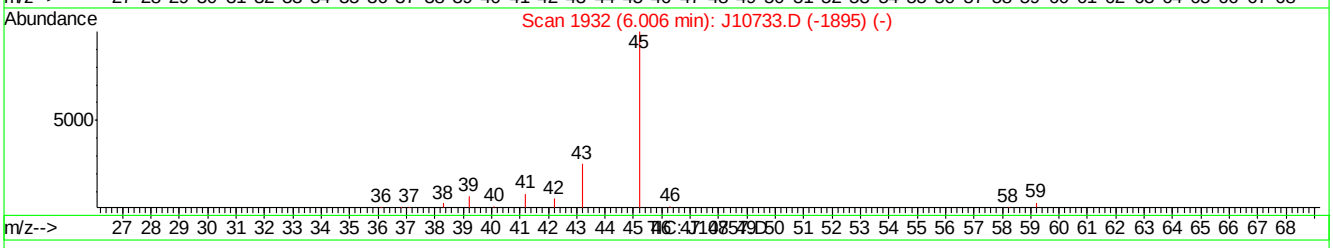
Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 10:46:29 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.03min 0.43PPBV

response 20053

Ion	Exp%	Act%
45.00	100	100
59.00	3.70	0.00
43.00	25.20	42.54
0.00	0.00	0.00

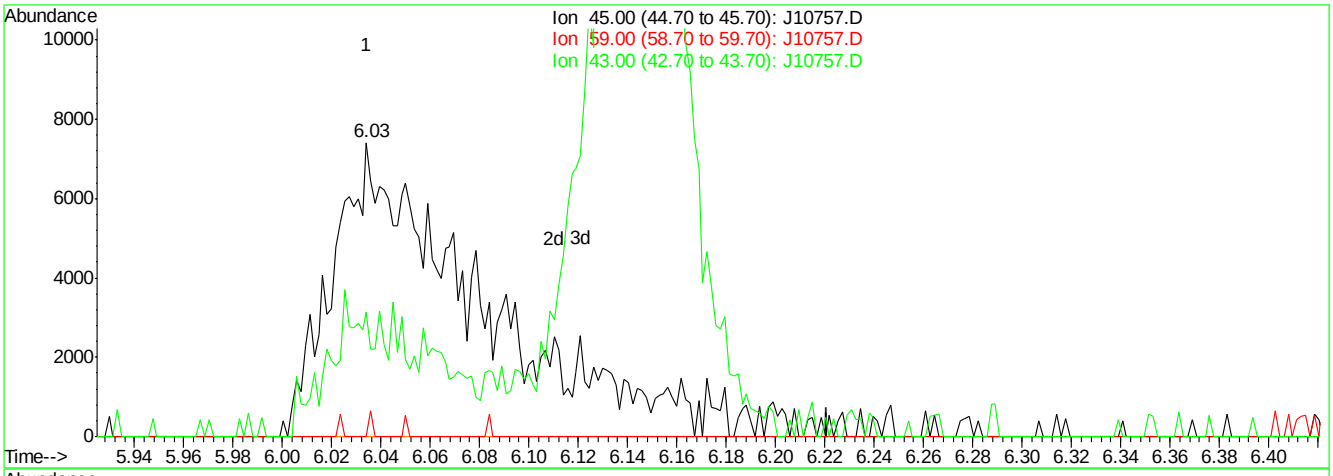
J10757.D J062507T.M Mon Jun 25 10:48:40 2007

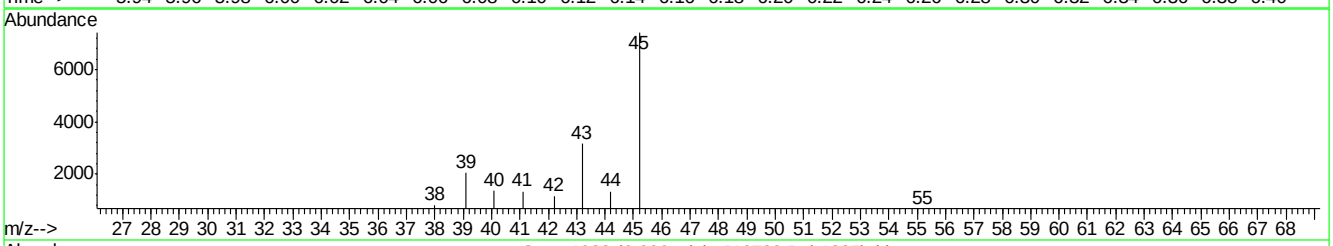
Quantitation Report (Qedit)

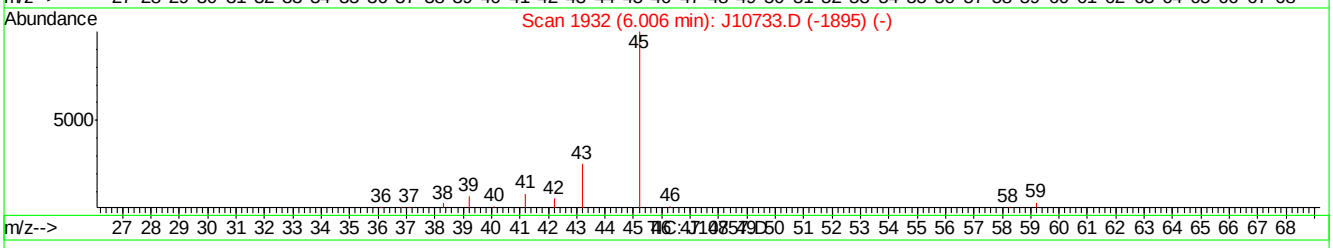
Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 10:46:29 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.03min 0.63PPBV m

response 29822

Ion	Exp%	Act%
45.00	100	100
59.00	3.70	0.00
43.00	25.20	42.54
0.00	0.00	0.00

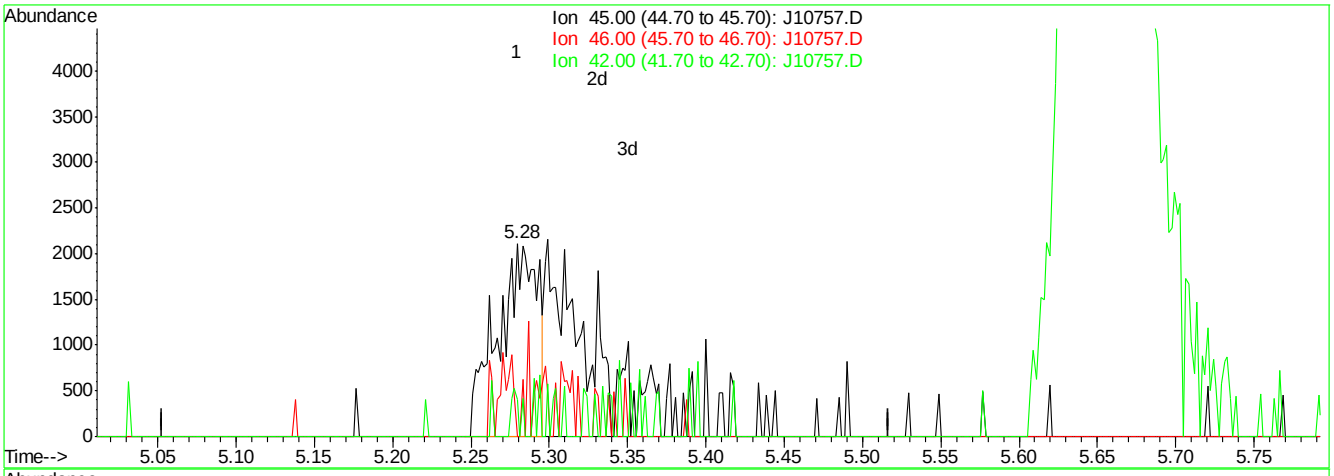
J10757.D J062507T.M Mon Jun 25 10:48:45 2007

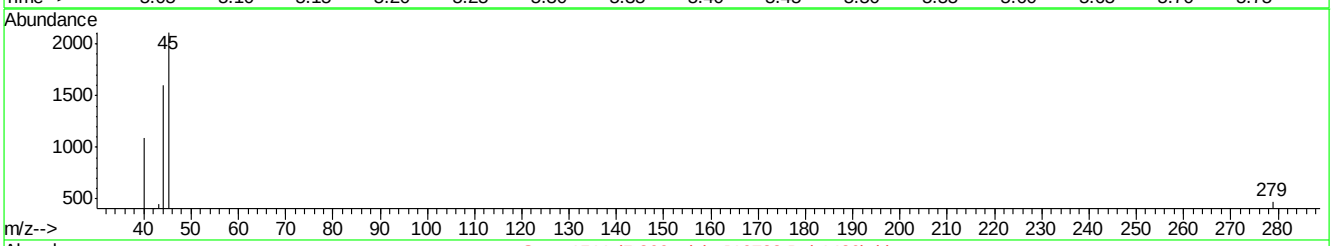
Quantitation Report (Qedit)

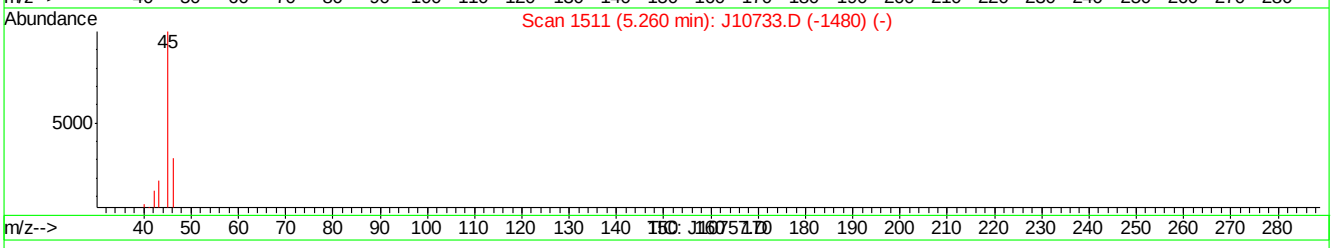
Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 10:46:29 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.28min 0.45PPBV

response 3685

Ion	Exp%	Act%
45.00	100	100
46.00	6.50	18.43
42.00	2.80	5.10
0.00	0.00	0.00

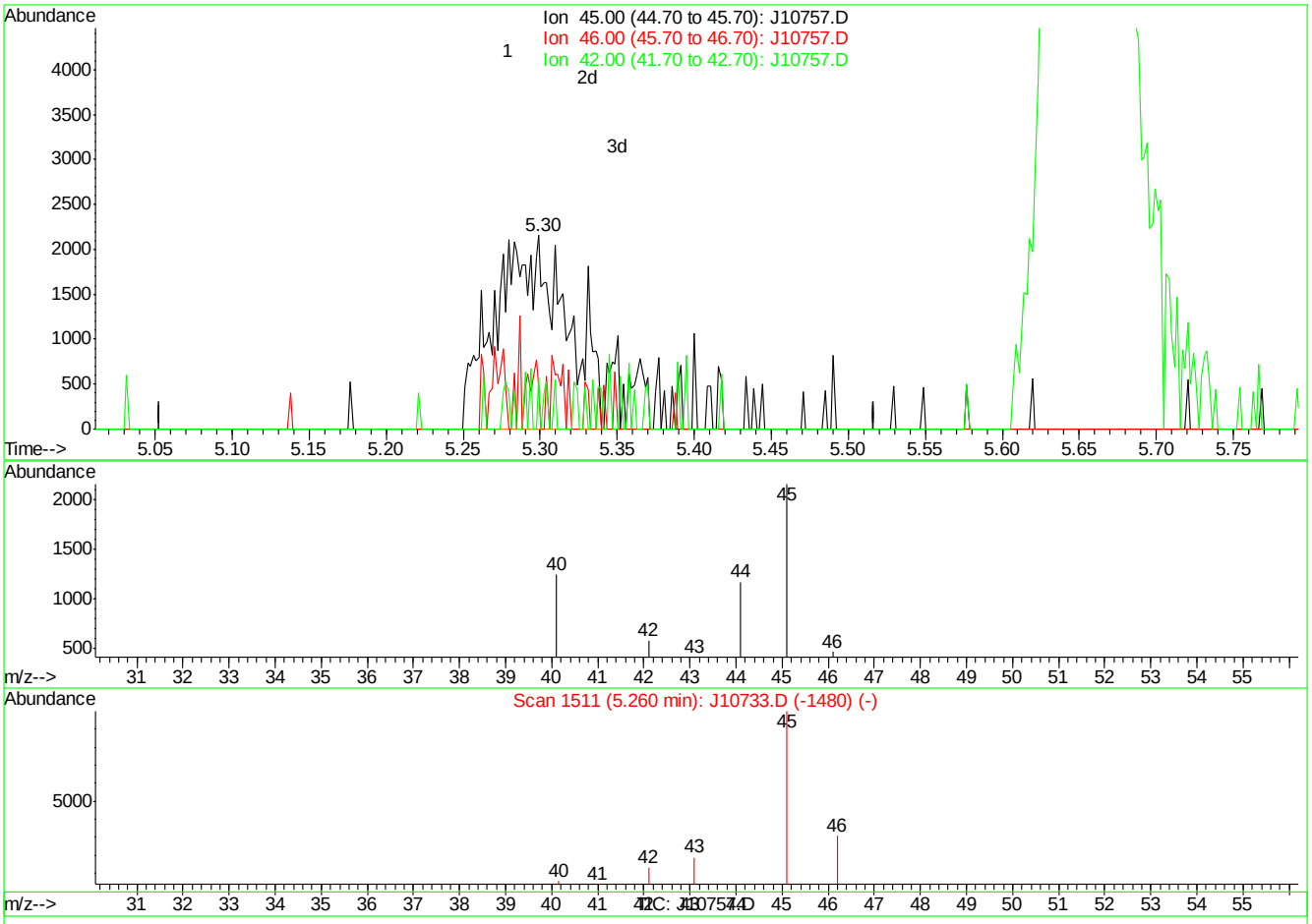
J10757.D J062507T.M Mon Jun 25 10:49:22 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 10:46:29 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration



(16) ETHANOL (m)

5.30min 0.89PPBV m

response 7283

Ion	Exp%	Act%
45.00	100	100
46.00	6.50	9.32
42.00	2.80	2.58
0.00	0.00	0.00

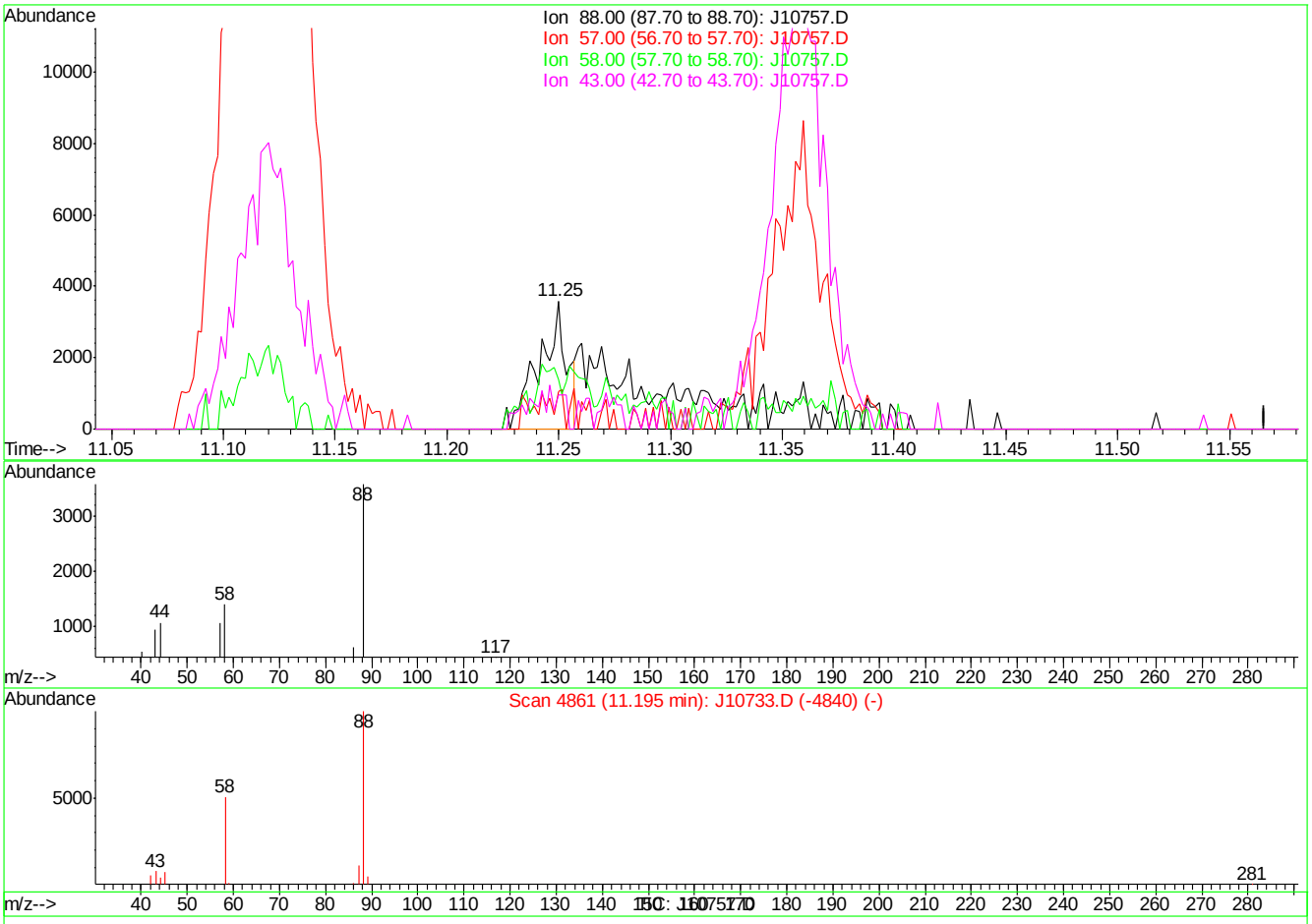
J10757.D J062507T.M Mon Jun 25 10:49:33 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 10:46:29 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration



(42) 1,4-DIOXANE (m)

11.25min 0.14PPBV

response 3047

Ion	Exp%	Act%
88.00	100	100
57.00	21.70	29.39
58.00	53.20	38.90
43.00	22.40	26.32

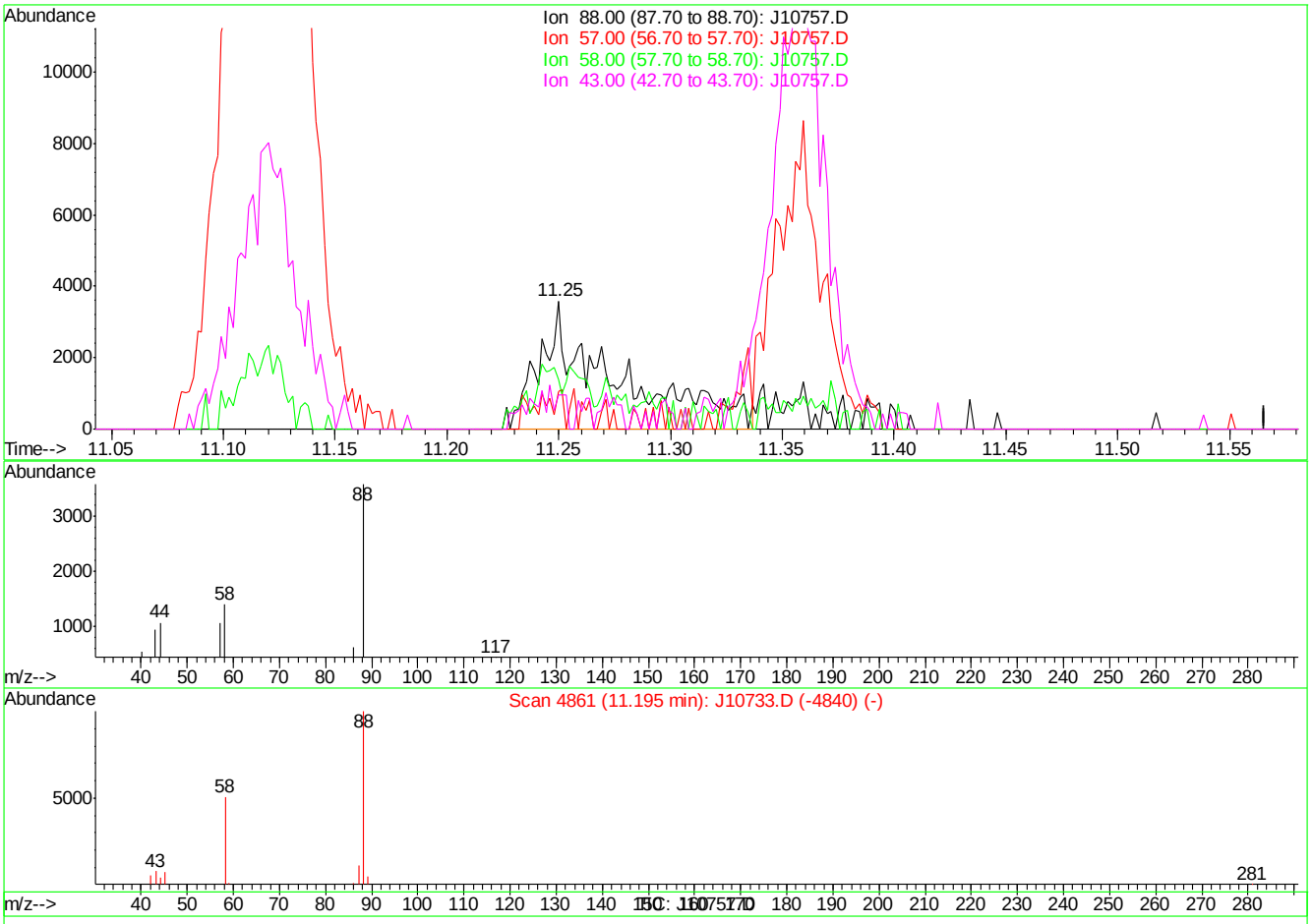
J10757.D J062507T.M Mon Jun 25 10:49:57 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 10:46:29 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration



(42) 1,4-DIOXANE (m)

11.25min 0.38PPBV m

response 8305

Ion	Exp%	Act%
88.00	100	100
57.00	21.70	29.39
58.00	53.20	38.90
43.00	22.40	26.32

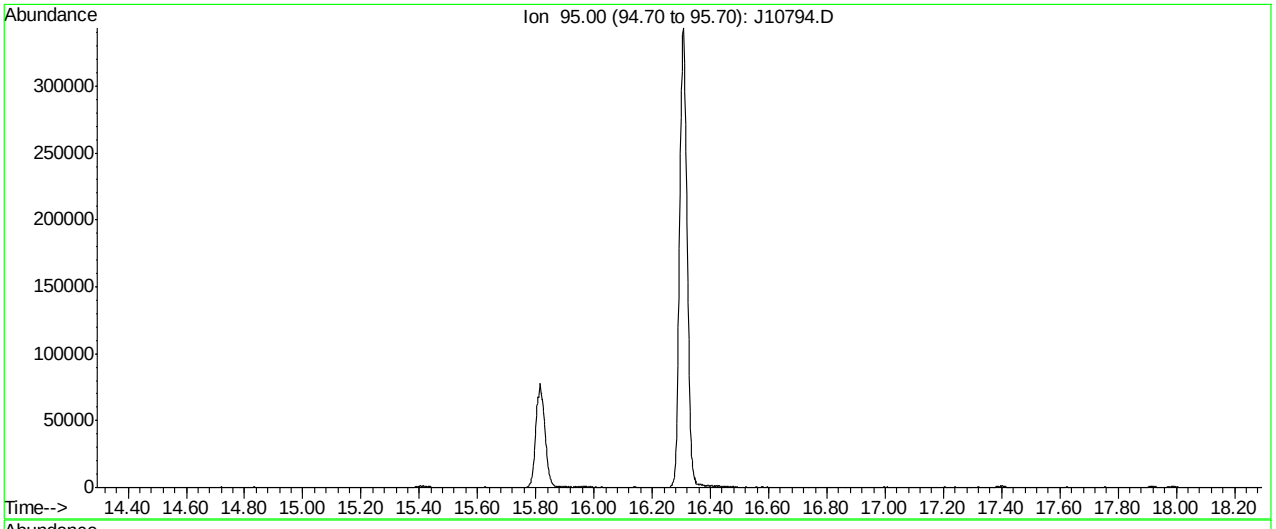
J10757.D J062507T.M Mon Jun 25 10:50:10 2007

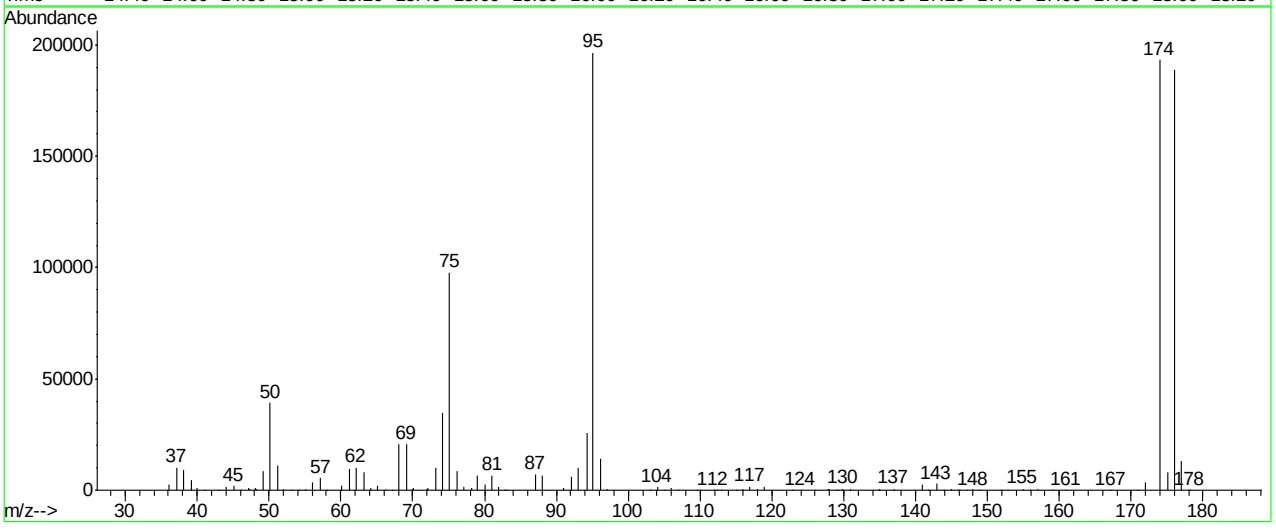
BFB

Data File : C:\MSDChem\1\data\J10794.D
Acq On : 27 Jun 2007 12:22 pm
Sample : CC557-10 (M080)
Misc : MS13762, MSJ558,,,,,1
MS Integration Params: LSCINT.P

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

Method : C:\MSDCHEM\1\METHODS\J062507T.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 16.300 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	19.9	39070	PASS
75	95	30	66	49.8	97970	PASS
95	95	100	100	100.0	196655	PASS
96	95	5	9	7.2	14138	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	98.3	193323	PASS
175	174	4	9	4.1	7988	PASS
176	174	93	101	97.8	189057	PASS
177	176	5	9	6.9	13057	PASS

J10794.D J062507T.M Wed Jun 27 13:33:30 2007

Average of 16.288 to 16.300 min.: J10794.D
CC557-10 (M080)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.15	2616	47.25	730	57.15	5360	68.10	20548
37.15	10160	48.05	1054	58.15	225	69.10	20816
38.15	9138	48.25	440	60.15	2190	70.00	611
39.15	4508	49.20	8672	61.15	9557	70.15	1088
40.05	806	50.15	39070	62.10	10265	71.90	68
41.00	54	51.15	10932	63.15	8278	72.00	376
43.00	106	52.05	665	64.10	1184	72.15	971
44.10	1719	53.10	190	65.10	2084	73.15	9893
45.10	2014	54.10	59	66.00	58	74.15	34784
46.00	59	55.15	600	66.25	141	75.10	97970
47.10	1108	56.10	3469	67.05	226	76.10	8798

Average of 16.288 to 16.300 min.: J10794.D
CC557-10 (M080)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
77.10	1499	92.05	6237	109.60	58	124.00	75
78.15	883	93.10	9873	110.00	50	126.00	53
79.00	6719	94.20	25866	111.90	60	127.80	306
80.05	2581	95.10	196655	112.30	50	127.95	484
81.05	6669	96.10	14138	112.95	184	128.95	209
82.00	1776	97.10	302	115.00	118	129.20	127
82.80	61	103.00	75	116.00	759	129.70	80
83.10	55	104.05	1357	116.95	1615	129.90	606
87.05	7202	105.00	263	118.00	703	130.95	282
88.05	6562	106.00	1175	118.95	1359	134.80	62
91.00	996	106.95	117	122.90	57	134.95	286

Average of 16.288 to 16.300 min.: J10794.D
CC557-10 (M080)

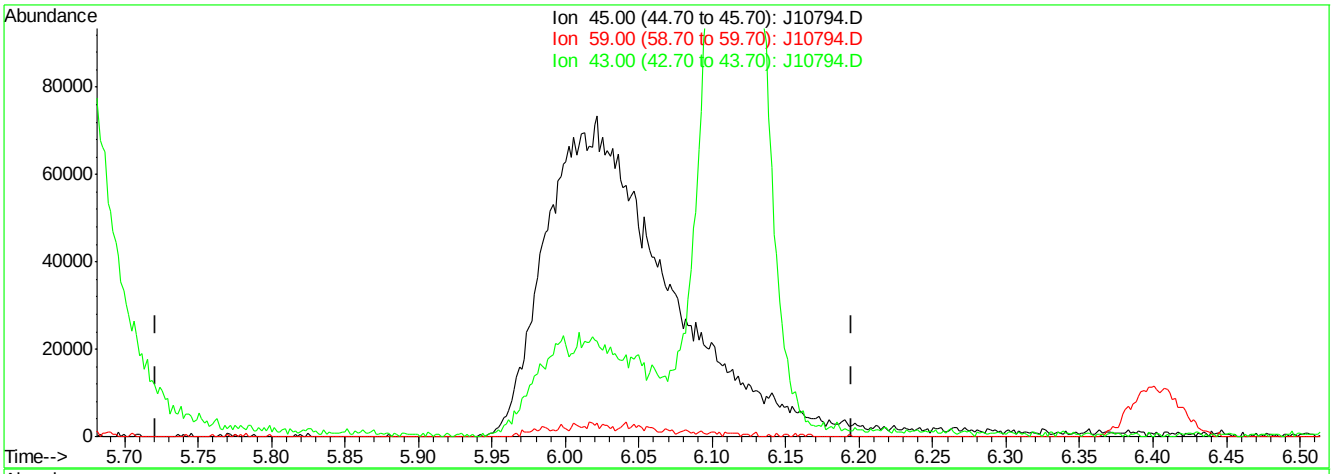
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
136.95	524	148.85	126	174.00	193323		
139.80	84	151.80	52	175.05	7988		
140.95	2396	152.80	97	176.00	189057		
141.75	173	154.90	517	177.00	13057		
142.95	2804	155.90	66	177.95	202		
143.90	162	157.00	417	178.20	56		
144.95	589	158.95	242				
145.85	185	160.95	236				
146.10	72	167.20	51				
147.10	91	170.90	61				
147.95	422	171.95	3624				

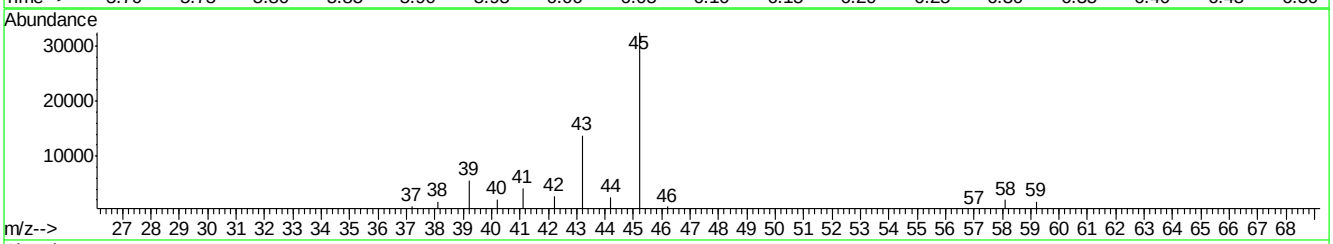
Quantitation Report (Qedit)

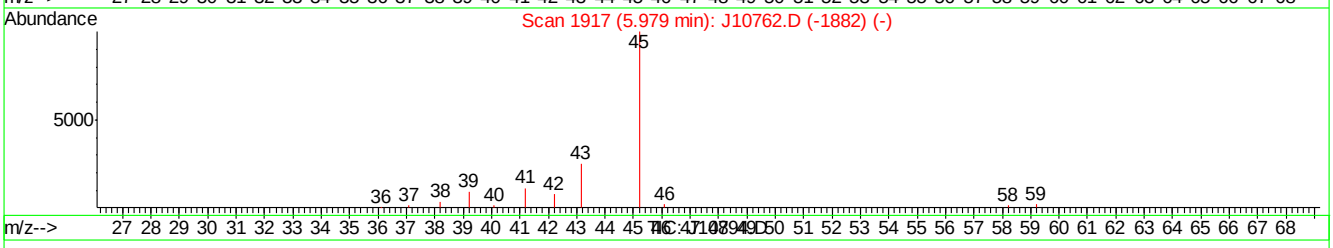
Data File : C:\MSDChem\1\data\J10794.D Vial: 1
Acq On : 27 Jun 2007 12:22 pm Operator: danat
Sample : CC557-10 (M080) Inst : MSJ
Misc : MS13762, MSJ558,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 27 13:32:31 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:15:12 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

5.98min 0.00PPBV

response 0

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

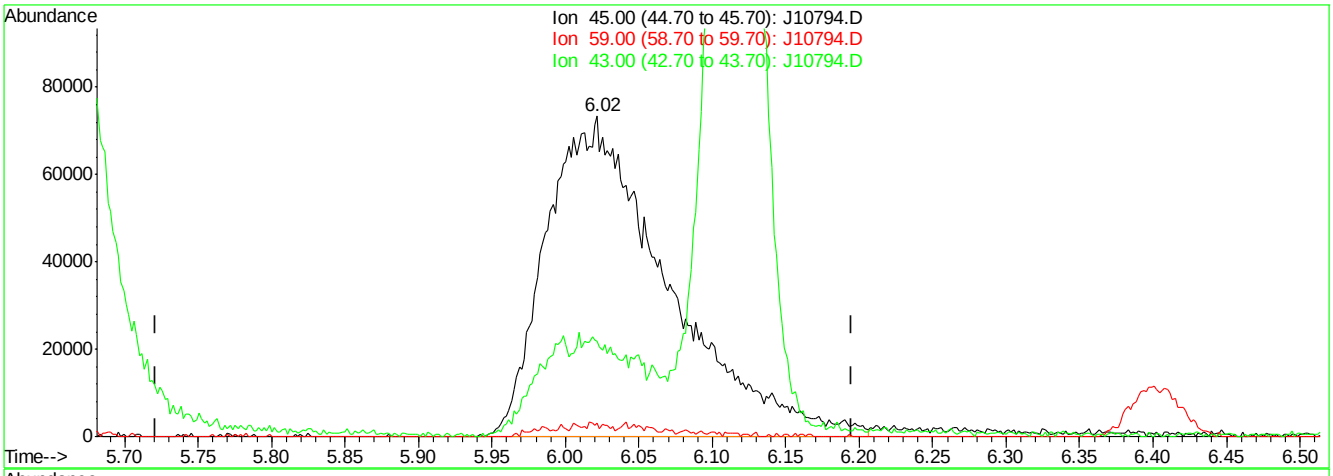
J10794.D J062507T.M Wed Jun 27 13:35:30 2007

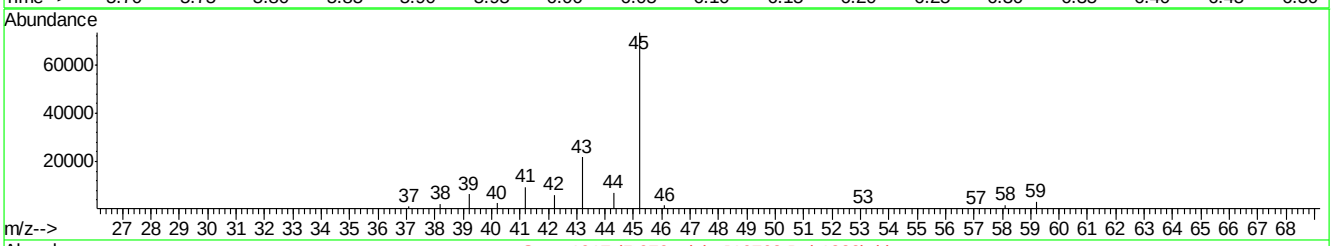
Quantitation Report (Qedit)

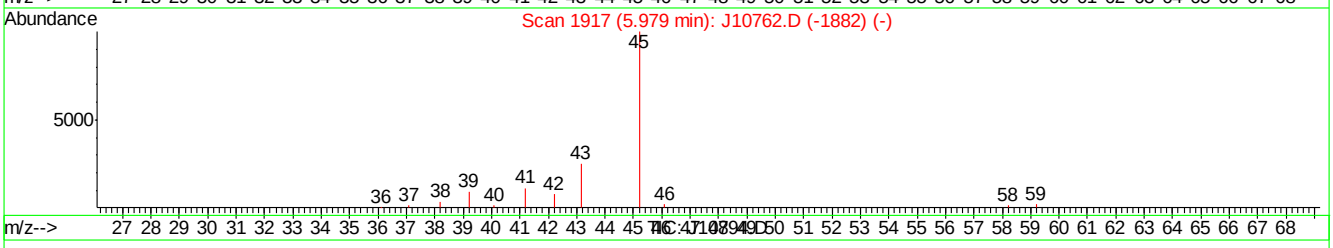
Data File : C:\MSDChem\1\data\J10794.D Vial: 1
Acq On : 27 Jun 2007 12:22 pm Operator: danat
Sample : CC557-10 (M080) Inst : MSJ
Misc : MS13762, MSJ558,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 27 13:32:31 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:15:12 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.02min 8.25PPBV m

response 419075

Ion	Exp%	Act%
45.00	100	100
59.00	2.20	4.07
43.00	25.50	29.59
0.00	0.00	0.00

J10794.D J062507T.M Wed Jun 27 13:35:37 2007

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
06/18/07 11:53

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10580.D
Acq On : 7 Jun 2007 9:39 am
Operator : danat
Sample : ic548-0.5 (m122)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 07 10:12:48 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 10:11:07 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	396095	10.00	PPBV	0.01
35) 1,4-DIFLUOROBENZENE	10.43	114	1783950	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1514383	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	419255	4.68	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 93.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	60407	0.43	PPBV	98
3) PROPYLENE	4.01	41	11607	0.46	PPBV	87
4) FREON 114	4.33	85	53606	0.43	PPBV	99
5) CHLOROMETHANE	4.24	50	14589	0.43	PPBV	86
6) VINYL CHLORIDE	4.45	62	16270	0.41	PPBV	95
7) 1,3-BUTADIENE	4.58	39	11535	0.42	PPBV	88
8) BROMOMETHANE	4.86	94	18396	0.43	PPBV #	14
9) CHLOROETHANE	5.04	64	8006	0.44	PPBV	76
10) TRICHLOROFLUOROMETHANE	5.80	101	59965	0.44	PPBV	99
11) ISOPROPYL ALCOHOL	6.02	45	21552m	0.49	PPBV	
12) ACETONE	5.69	43	30759	0.55	PPBV	99
13) PENTANE	6.14	42	16385	0.47	PPBV	96
14) 1,1-DICHLOROETHYLENE	6.43	96	16906	0.43	PPBV	94
15) CARBON DISULFIDE	6.85	76	54843	0.46	PPBV	96
16) ETHANOL	5.29	45	3465m	0.41	PPBV	
17) BROMOETHENE	5.38	106	16921	0.41	PPBV	98
18) METHYLENE CHLORIDE	6.56	84	64337	0.77	PPBV	99
19) 3-CHLOROPROPENE	6.67	39	12725	0.45	PPBV	92
20) FREON 113	6.79	151	43178	0.49	PPBV	96
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	16386	0.42	PPBV	100
22) TERTIARY BUTYL ALCOHOL	6.64	59	16240	0.35	PPBV #	64
23) METHYL TERTIARY BUTYL ETHE	7.77	73	32037	0.41	PPBV	86
24) TETRAHYDROFURAN	9.24	42	9279	0.40	PPBV	87
25) HEXANE	8.63	57	49085	0.87	PPBV	97
26) VINYL ACETATE	7.81	43	20838	0.41	PPBV #	83
27) 1,1-DICHLOROETHANE	7.65	63	28729	0.44	PPBV	99
28) METHYL ETHYL KETONE	8.11	43	19331	0.43	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.46	96	16659	0.45	PPBV	97
30) ETHYL ACETATE	8.71	43	19756	0.42	PPBV #	93
31) CHLOROFORM	8.74	83	44399	0.50	PPBV	98
32) 1,1,1-TRICHLOROETHANE	9.68	97	44320	0.46	PPBV	98
33) CARBON TETRACHLORIDE	10.26	117	50382	0.45	PPBV	100
34) 1,2-DICHLOROETHANE	9.45	62	20290	0.41	PPBV	98
36) BENZENE	10.12	78	39265	0.42	PPBV	98
37) CYCLOHEXANE	10.37	84	16933	0.40	PPBV	94
38) TRICHLOROETHYLENE	11.11	95	21534	0.44	PPBV	97
39) 1,2-DICHLOROPROPANE	10.89	63	12928	0.41	PPBV	99
40) BROMODICHLOROMETHANE	11.08	83	35202	0.45	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	56161	0.41	PPBV	97
42) 1,4-DIOXANE	11.27	88	2900m	0.21	PPBV	
43) HEPTANE	11.35	43	19404	0.44	PPBV	96

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10580.D
Acq On : 7 Jun 2007 9:39 am
Operator : danat
Sample : ic548-0.5 (m122)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 07 10:12:48 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 10:11:07 2007
Response via : Initial Calibration

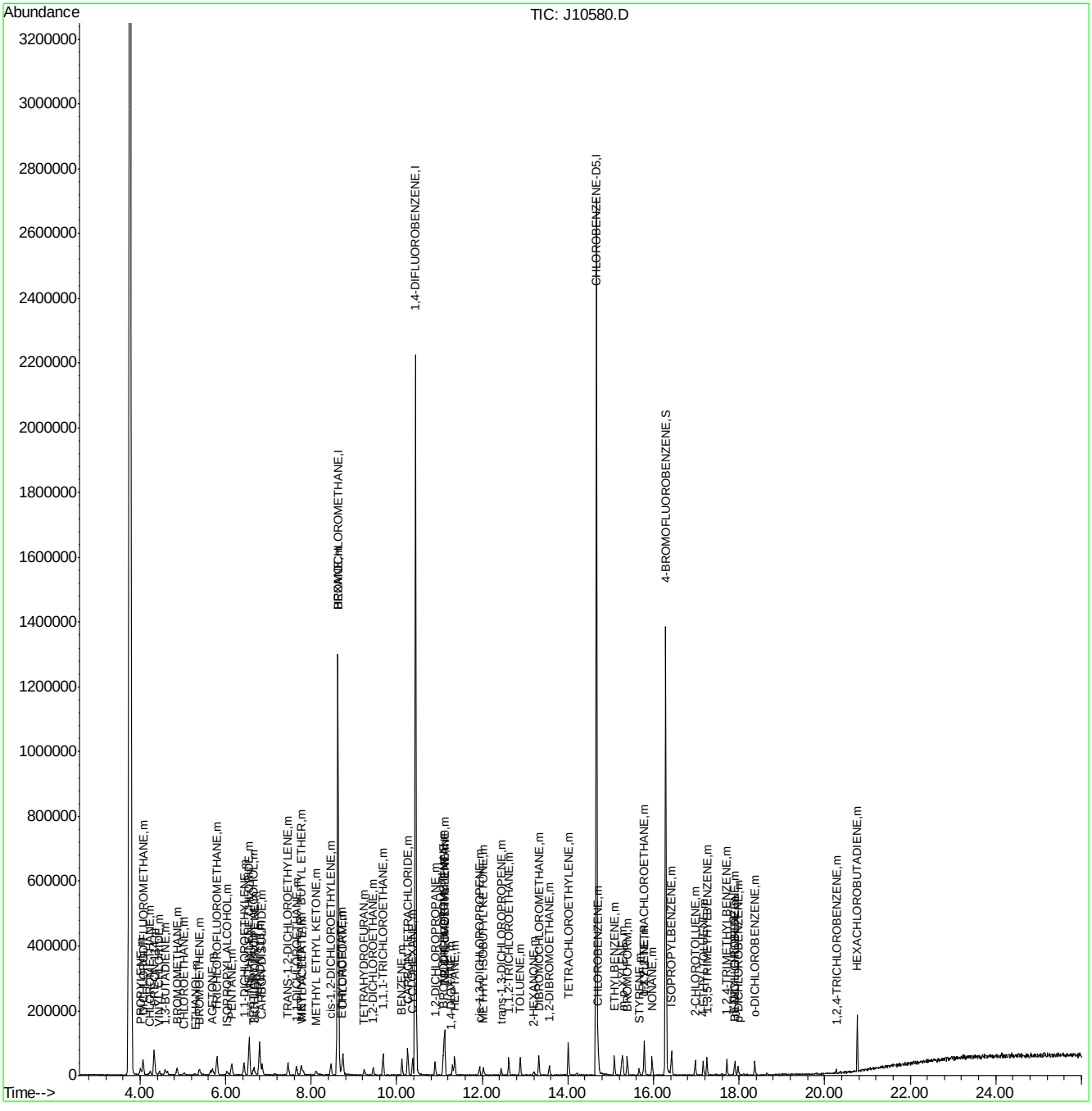
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.02	43	18426	0.42	PPBV	92
45) cis-1,3-DICHLOROPROPENE	11.93	75	13208	0.31	PPBV	95
46) TOLUENE	12.89	92	22951	0.38	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.44	75	10082	0.31	PPBV	97
48) 1,1,2-TRICHLOROETHANE	12.62	83	12944	0.40	PPBV	97
50) 2-HEXANONE	13.20	43	10402	0.34	PPBV	79
51) TETRACHLOROETHYLENE	14.01	164	23932	0.44	PPBV	99
52) DIBROMOCHLOROMETHANE	13.32	129	31097	0.42	PPBV	97
53) 1,2-DIBROMOETHANE	13.56	107	19552	0.37	PPBV	96
54) CHLOROBENZENE	14.71	112	31803	0.40	PPBV	96
55) ETHYLBENZENE	15.09	91	37919	0.34	PPBV	98
56) m,p-XYLENE	15.28	106	28253	0.63	PPBV	94
57) o-XYLENE	15.78	106	14688	0.33	PPBV	96
58) STYRENE	15.66	104	10930	0.22	PPBV	99
59) NONANE	15.97	43	16670	0.35	PPBV	95
60) BROMOFORM	15.39	173	26491	0.39	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	28502	0.43	PPBV	99
63) ISOPROPYLBENZENE	16.42	105	42565	0.33	PPBV	99
64) 2-CHLOROTOLUENE	16.98	91	27153	0.32	PPBV	97
65) 4-ETHYLTOLUENE	17.17	105	27863	0.29	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	29875	0.31	PPBV	97
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	23969	0.29	PPBV	97
68) m-DICHLOROBENZENE	17.90	146	15947	0.25	PPBV	97
69) BENZYL CHLORIDE	17.88	91	8017	0.19	PPBV	90
70) p-DICHLOROBENZENE	17.97	146	13154	0.23	PPBV	91
71) o-DICHLOROBENZENE	18.37	146	17358	0.30	PPBV	93
72) HEXACHLOROBUTADIENE	20.76	225	28251	0.54	PPBV	96
73) 1,2,4-TRICHLOROBENZENE	20.28	180	4430	0.19	PPBV	90

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10580.D
Acq On : 7 Jun 2007 9:39 am
Operator : danat
Sample : ic548-0.5 (m122)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 07 10:12:48 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 10:11:07 2007
Response via : Initial Calibration

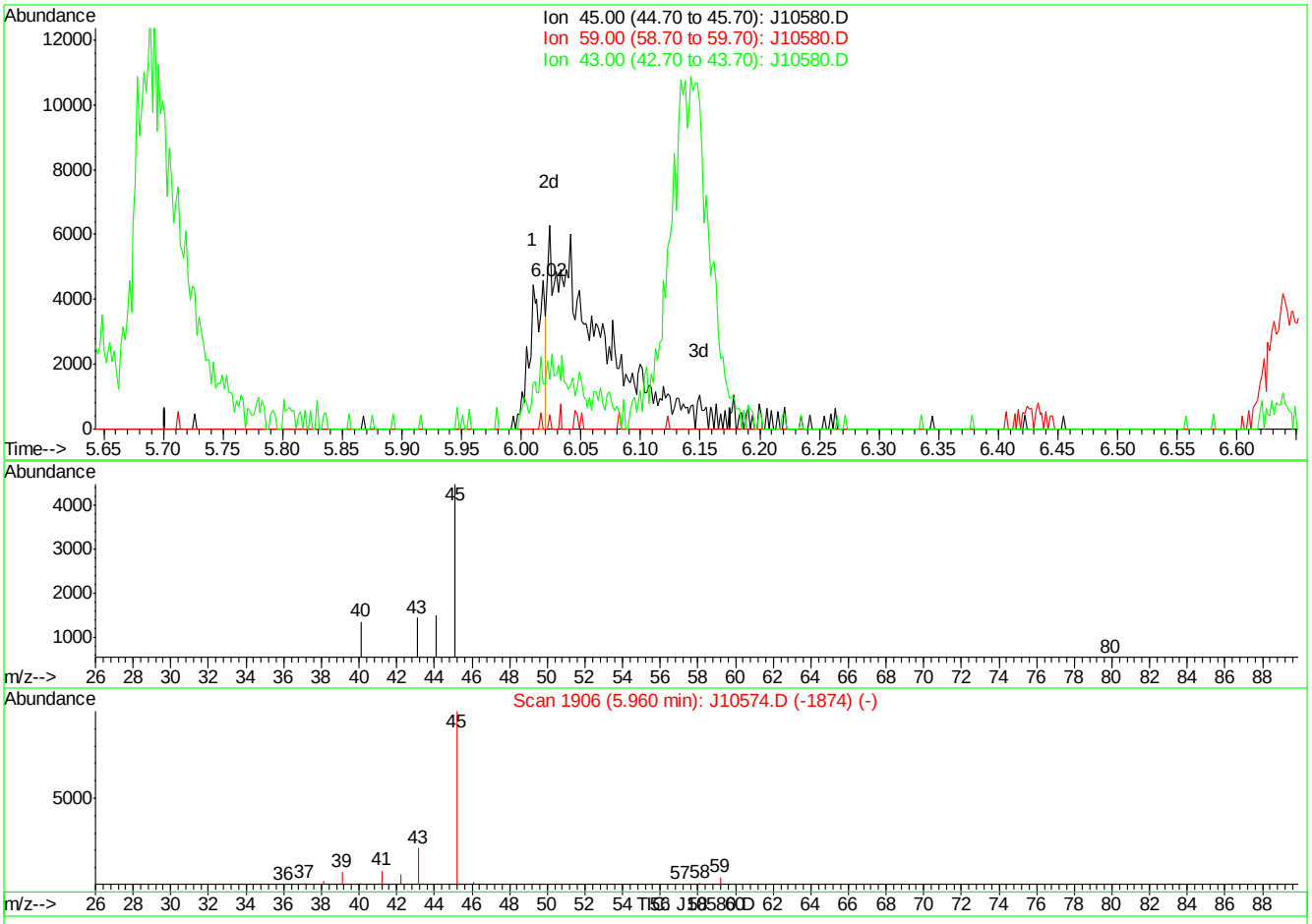


Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 10:11:17 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:11:07 2007
Response via : Multiple Level Calibration



(11) ISOPROPYL ALCOHOL (m)

6.01min 0.09PPBV

response 3923

Ion	Exp%	Act%
45.00	100	100
59.00	4.40	0.00
43.00	21.90	32.31
0.00	0.00	0.00

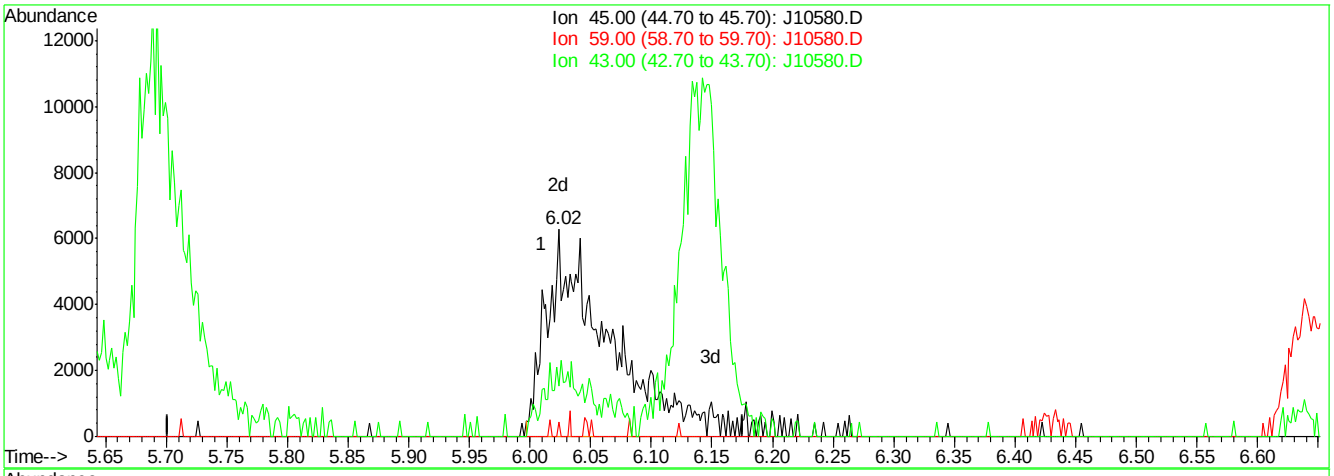
J10580.D J060707T.M Thu Jun 07 10:11:50 2007

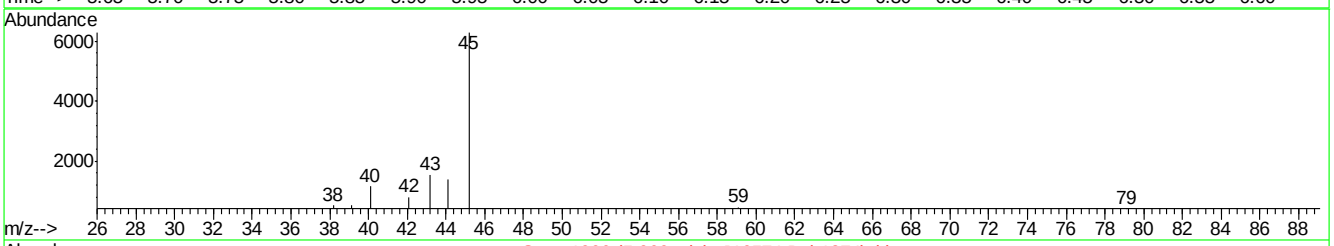
Quantitation Report (Qedit)

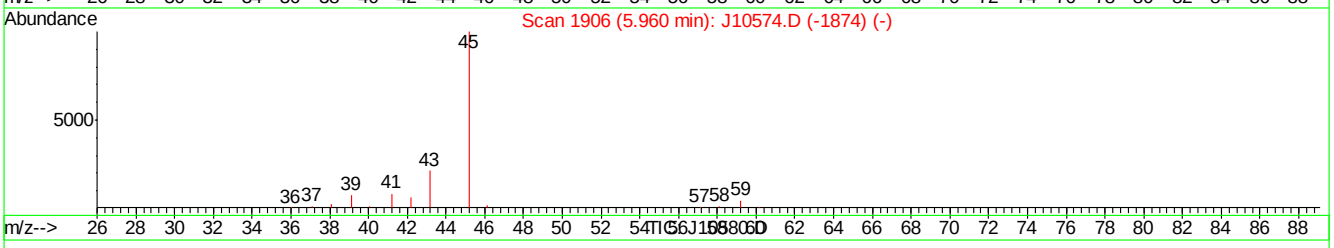
Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 10:11:17 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:11:07 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.02min 0.49PPBV m

response 21552

Ion	Exp%	Act%
45.00	100	100
59.00	4.40	7.28
43.00	21.90	24.31
0.00	0.00	0.00

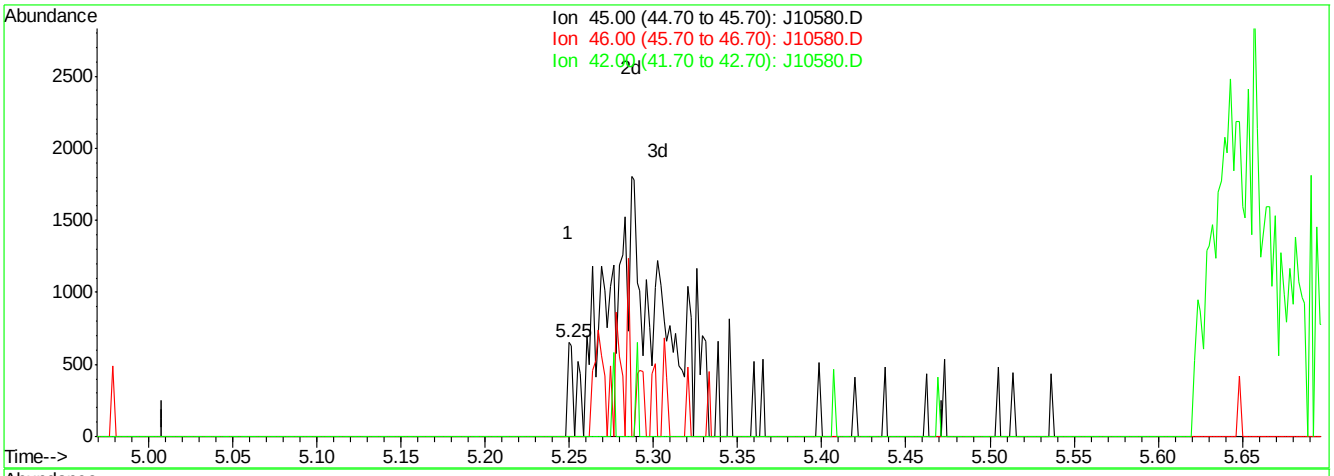
J10580.D J060707T.M Thu Jun 07 10:11:59 2007

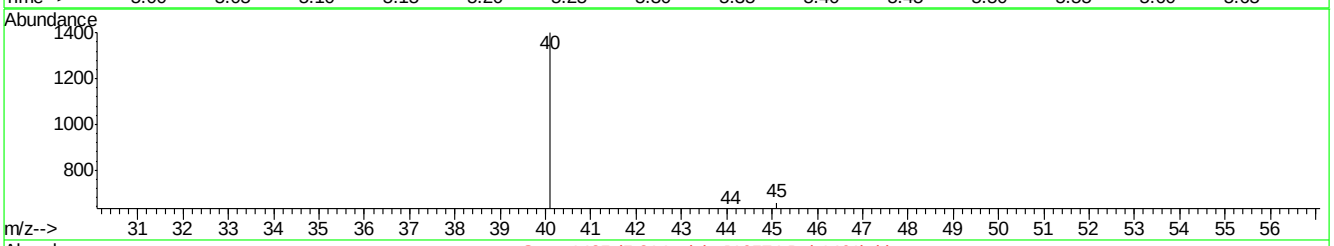
Quantitation Report (Qedit)

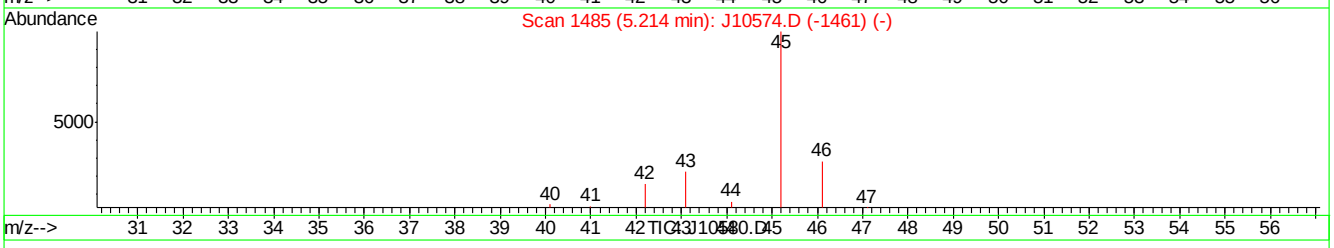
Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 10:11:17 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:11:07 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.25min 0.03PPBV

response 238

Ion	Exp%	Act%
45.00	100	100
46.00	30.00	142.86#
42.00	6.30	0.00
0.00	0.00	0.00

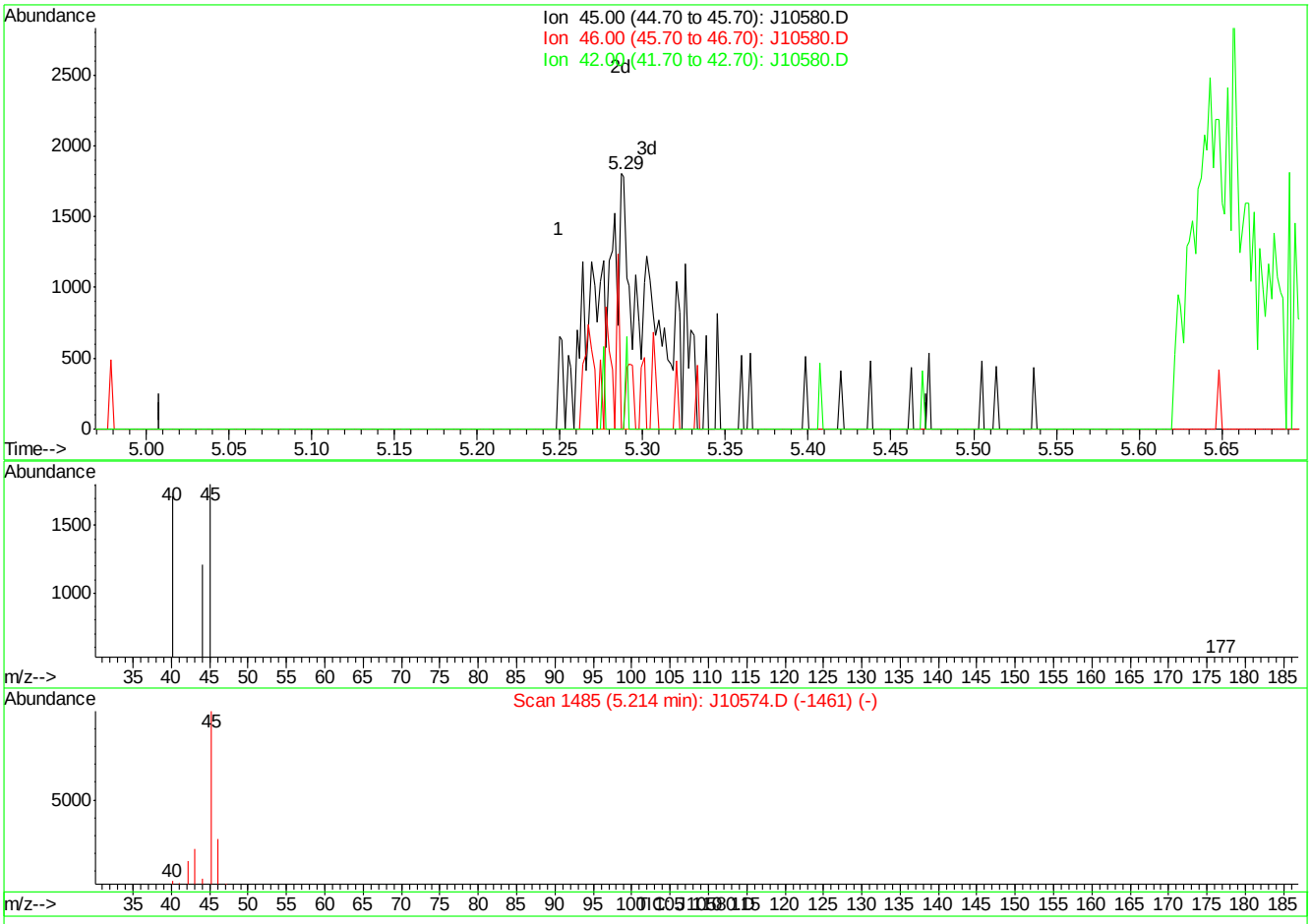
J10580.D J060707T.M Thu Jun 07 10:12:08 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 10:11:17 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:11:07 2007
Response via : Multiple Level Calibration



(16) ETHANOL (m)

5.29min 0.41PPBV m

response 3465

Ion	Exp%	Act%
45.00	100	100
46.00	30.00	9.81#
42.00	6.30	0.00
0.00	0.00	0.00

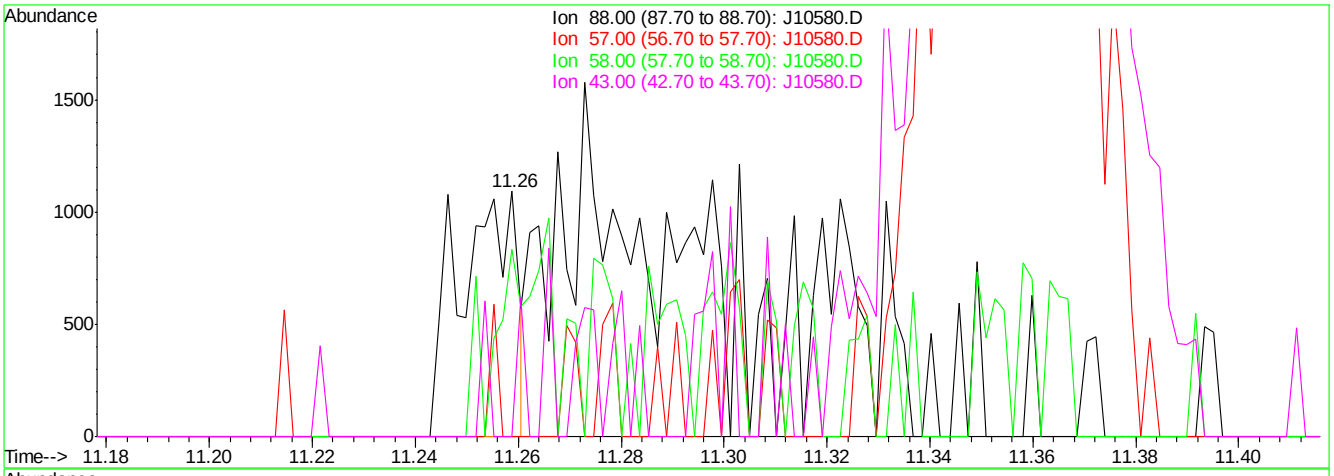
J10580.D J060707T.M Thu Jun 07 10:12:17 2007

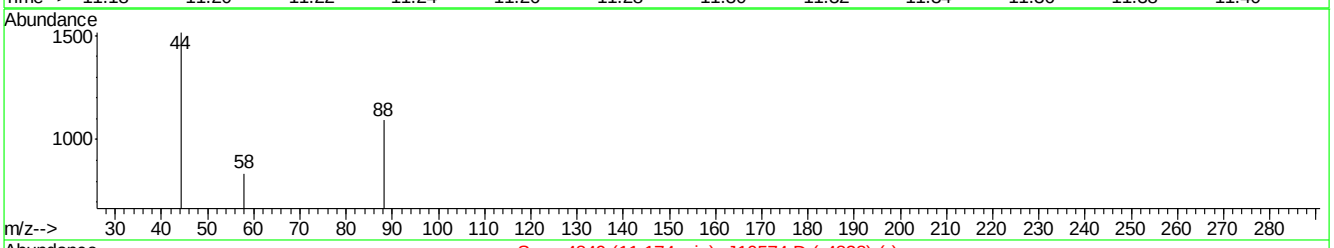
Quantitation Report (Qedit)

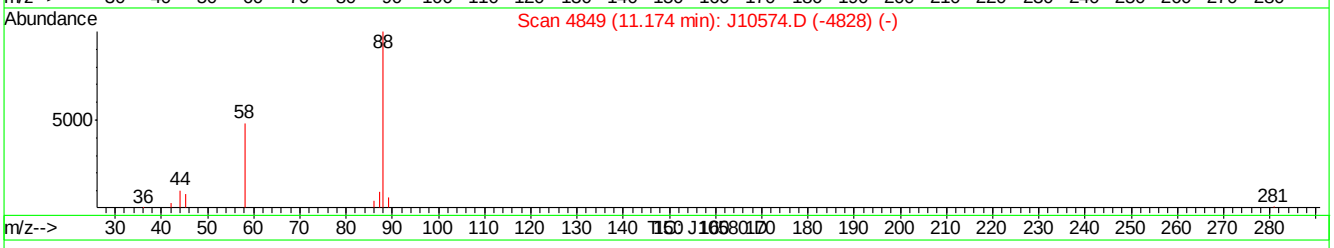
Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 10:11:17 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:11:07 2007
Response via : Multiple Level Calibration







(42) 1,4-DIOXANE (m)

11.26min 0.06PPBV

response 847

Ion	Exp%	Act%
88.00	100	100
57.00	23.80	0.00#
58.00	57.70	76.56
43.00	25.00	0.00#

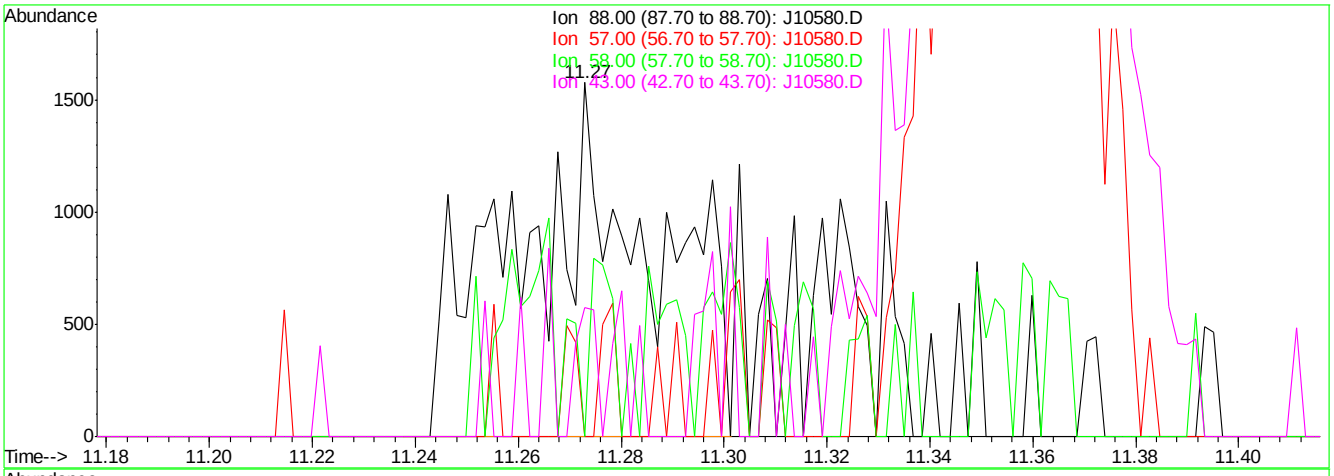
J10580.D J060707T.M Thu Jun 07 10:12:45 2007

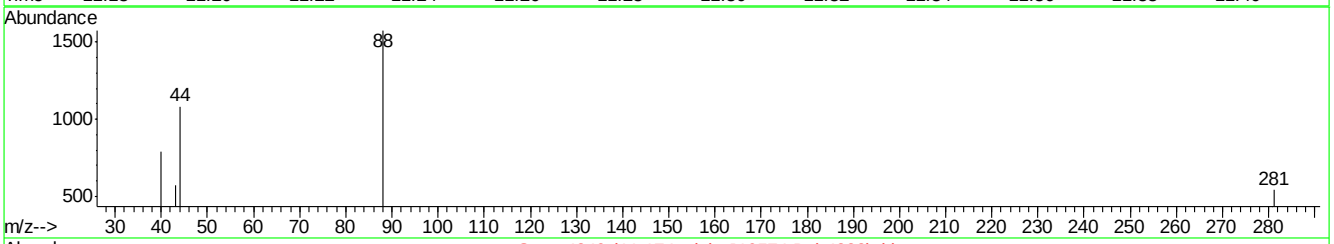
Quantitation Report (Qedit)

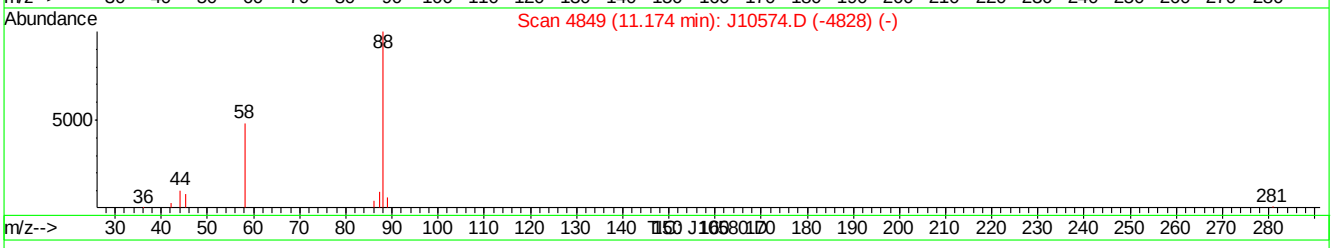
Data File : C:\MSDChem\1\data\J10580.D Vial: 1
Acq On : 7 Jun 2007 9:39 am Operator: danat
Sample : ic548-0.5 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 10:11:17 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:11:07 2007
Response via : Multiple Level Calibration







(42) 1,4-DIOXANE (m)

11.27min 0.21PPBV m

response 2900

Ion	Exp%	Act%
88.00	100	100
57.00	23.80	0.00#
58.00	57.70	0.00#
43.00	25.00	36.29

J10580.D J060707T.M Thu Jun 07 10:12:52 2007

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
06/18/07 11:53

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10581.D
Acq On : 7 Jun 2007 10:30 am
Operator : danat
Sample : ic548-0.2 (m122)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 07 11:10:56 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 10:13:39 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	370872	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.43	114	1637674	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1332043	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	337244	4.57	PPBV	-0.01

Spiked Amount 5.000 Range 51 - 142 Recovery = 91.40%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	26301	0.23	PPBV		99
3) PROPYLENE	4.00	41	4337	0.20	PPBV		78
4) FREON 114	4.32	85	25161	0.25	PPBV		98
5) CHLOROMETHANE	4.24	50	6635	0.24	PPBV		89
6) VINYL CHLORIDE	4.44	62	7048	0.23	PPBV	#	92
7) 1,3-BUTADIENE	4.58	39	4017	0.19	PPBV	#	80
8) BROMOMETHANE	4.86	94	8180	0.24	PPBV		95
9) CHLOROETHANE	5.03	64	2567m	0.17	PPBV		
10) TRICHLOROFLUOROMETHANE	5.79	101	27802	0.25	PPBV		98
11) ISOPROPYL ALCOHOL	6.07	45	6454	0.16	PPBV		94
12) ACETONE	5.72	43	11442	0.20	PPBV		89
13) PENTANE	6.13	42	6661m	0.22	PPBV		
14) 1,1-DICHLOROETHYLENE	6.43	96	6700	0.21	PPBV		98
15) CARBON DISULFIDE	6.85	76	25008	0.24	PPBV		99
17) BROMOETHENE	5.38	106	6565	0.21	PPBV	#	50
18) METHYLENE CHLORIDE	6.56	84	17087	0.14	PPBV		99
19) 3-CHLOROPROPENE	6.67	39	4014	0.17	PPBV	#	8
20) FREON 113	6.79	151	16014	0.20	PPBV		98
21) TRANS-1,2-DICHLOROETHYLENE	7.47	96	6465	0.21	PPBV		93
22) TERTIARY BUTYL ALCOHOL	6.71	59	5040m	0.17	PPBV		
23) METHYL TERTIARY BUTYL ETHE	7.79	73	10963	0.18	PPBV	#	78
25) HEXANE	8.63	57	10642	0.12	PPBV		91
27) 1,1-DICHLOROETHANE	7.66	63	10993	0.20	PPBV		98
28) METHYL ETHYL KETONE	8.13	43	6216	0.17	PPBV		77
29) cis-1,2-DICHLOROETHYLENE	8.45	96	5925	0.19	PPBV		96
30) ETHYL ACETATE	8.73	43	6979	0.19	PPBV	#	89
31) CHLOROFORM	8.74	83	16091	0.19	PPBV		98
32) 1,1,1-TRICHLOROETHANE	9.67	97	16531	0.20	PPBV		99
33) CARBON TETRACHLORIDE	10.25	117	18993	0.20	PPBV		98
34) 1,2-DICHLOROETHANE	9.45	62	8242	0.22	PPBV		90
36) BENZENE	10.12	78	13247	0.18	PPBV		80
37) CYCLOHEXANE	10.37	84	5355m	0.17	PPBV		
38) TRICHLOROETHYLENE	11.11	95	7512	0.19	PPBV		95
39) 1,2-DICHLOROPROPANE	10.89	63	4961	0.21	PPBV		90
40) BROMODICHLOROMETHANE	11.08	83	12876	0.20	PPBV		97
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	17682	0.17	PPBV		94
43) HEPTANE	11.35	43	5623	0.16	PPBV	#	80
44) METHYL ISOBUTYL KETONE	12.04	43	4679m	0.14	PPBV		
45) cis-1,3-DICHLOROPROPENE	11.93	75	4340	0.18	PPBV		95
46) TOLUENE	12.89	92	7157	0.17	PPBV	#	1
47) trans-1,3-DICHLOROPROPENE	12.43	75	3115	0.17	PPBV		90

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10581.D
Acq On : 7 Jun 2007 10:30 am
Operator : danat
Sample : ic548-0.2 (m122)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 07 11:10:56 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 10:13:39 2007
Response via : Initial Calibration

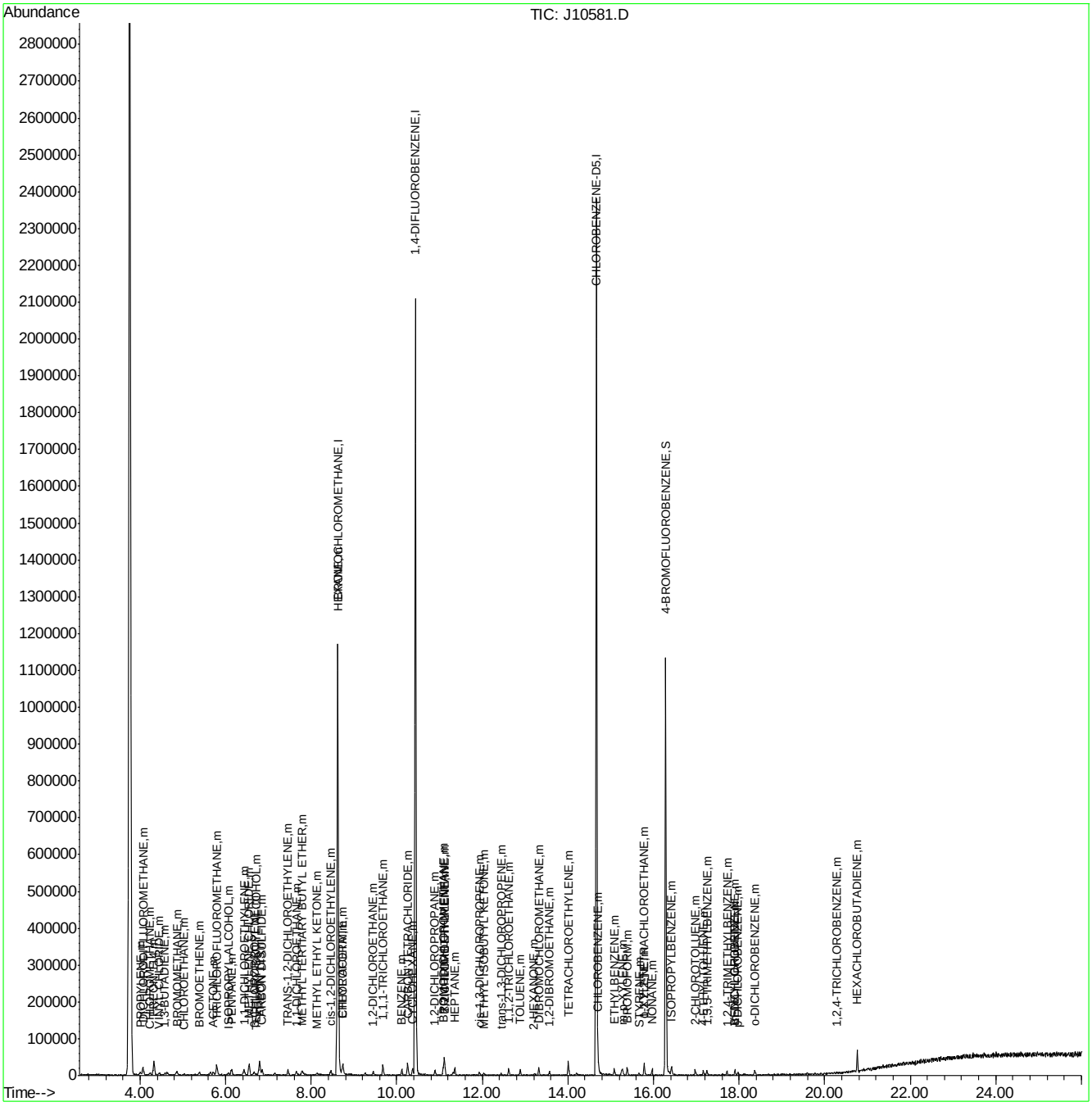
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,1,2-TRICHLOROETHANE	12.62	83	4933	0.21	PPBV		94
50) 2-HEXANONE	13.21	43	2044	0.11	PPBV	#	61
51) TETRACHLOROETHYLENE	14.01	164	8498	0.20	PPBV		92
52) DIBROMOCHLOROMETHANE	13.32	129	11152	0.20	PPBV		98
53) 1,2-DIBROMOETHANE	13.57	107	6718	0.20	PPBV	#	96
54) CHLOROBENZENE	14.71	112	11631	0.21	PPBV		98
55) ETHYLBENZENE	15.09	91	11213	0.17	PPBV		96
56) m,p-XYLENE	15.28	106	7928	0.32	PPBV	#	59
57) o-XYLENE	15.78	106	4076	0.16	PPBV		97
58) STYRENE	15.66	104	3323	0.17	PPBV	#	78
59) NONANE	15.97	43	4073	0.14	PPBV		87
60) BROMOFORM	15.38	173	8966	0.19	PPBV		95
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	9758	0.19	PPBV		97
63) ISOPROPYLBENZENE	16.42	105	12066	0.16	PPBV		95
64) 2-CHLOROTOLUENE	16.97	91	8633	0.18	PPBV		90
65) 4-ETHYLTOLUENE	17.16	105	7459	0.15	PPBV	#	76
66) 1,3,5-TRIMETHYLBENZENE	17.24	105	7625	0.15	PPBV		99
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	6645	0.16	PPBV		89
68) m-DICHLOROBENZENE	17.90	146	5239	0.19	PPBV		97
69) BENZYL CHLORIDE	17.89	91	2106m	0.15	PPBV		
70) p-DICHLOROBENZENE	17.98	146	4109	0.18	PPBV	#	35
71) o-DICHLOROBENZENE	18.36	146	5946	0.19	PPBV		97
72) HEXACHLOROBUTADIENE	20.76	225	10130	0.20	PPBV		97
73) 1,2,4-TRICHLOROBENZENE	20.28	180	1135	0.15	PPBV	#	88

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10581.D
Acq On : 7 Jun 2007 10:30 am
Operator : danat
Sample : ic548-0.2 (m122)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 07 11:10:56 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 10:13:39 2007
Response via : Initial Calibration



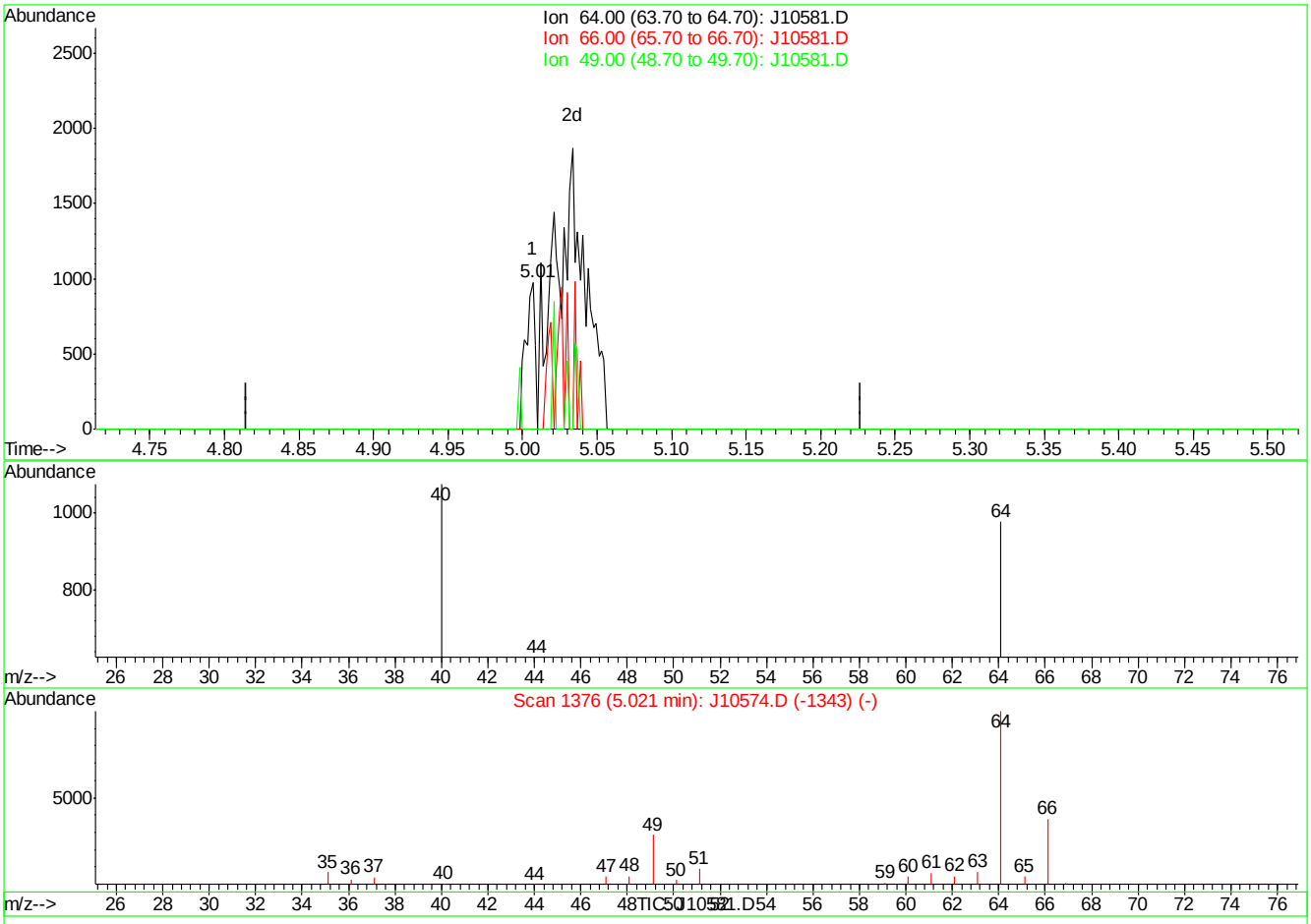
ACCUTEST Laboratories M65798

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:06:44 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:13:39 2007
Response via : Multiple Level Calibration



(9) CHLOROETHANE (m)

5.01min 0.03PPBV

response 428

Ion	Exp%	Act%
64.00	100	100
66.00	33.70	43.22
49.00	28.10	21.26
0.00	0.00	0.00

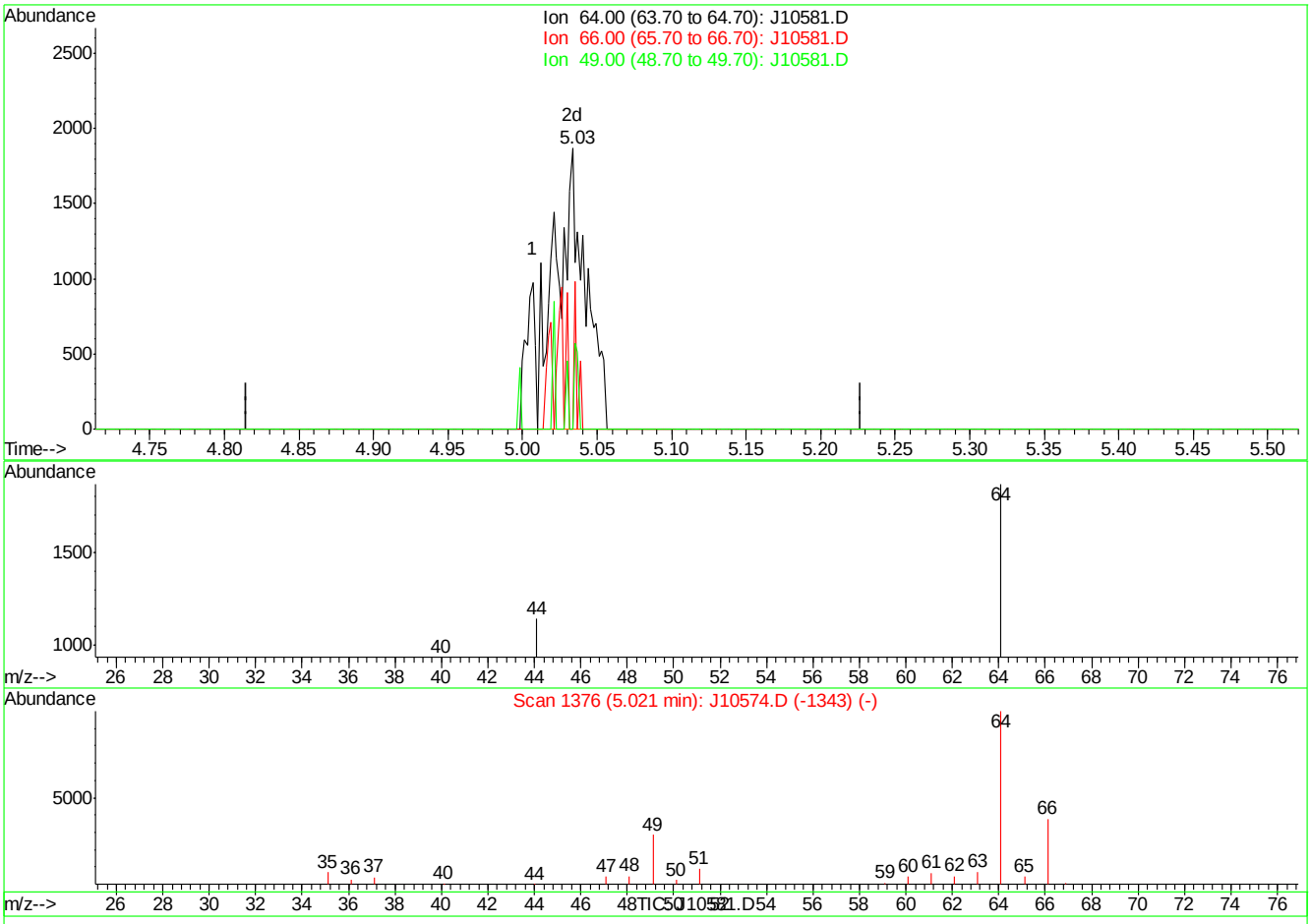
J10581.D J060707T.M Thu Jun 07 11:07:10 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:06:44 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:13:39 2007
Response via : Multiple Level Calibration



(9) CHLOROETHANE (m)

5.03min 0.17PPBV m

response 2567

Ion	Exp%	Act%
64.00	100	100
66.00	33.70	7.21#
49.00	28.10	3.54#
0.00	0.00	0.00

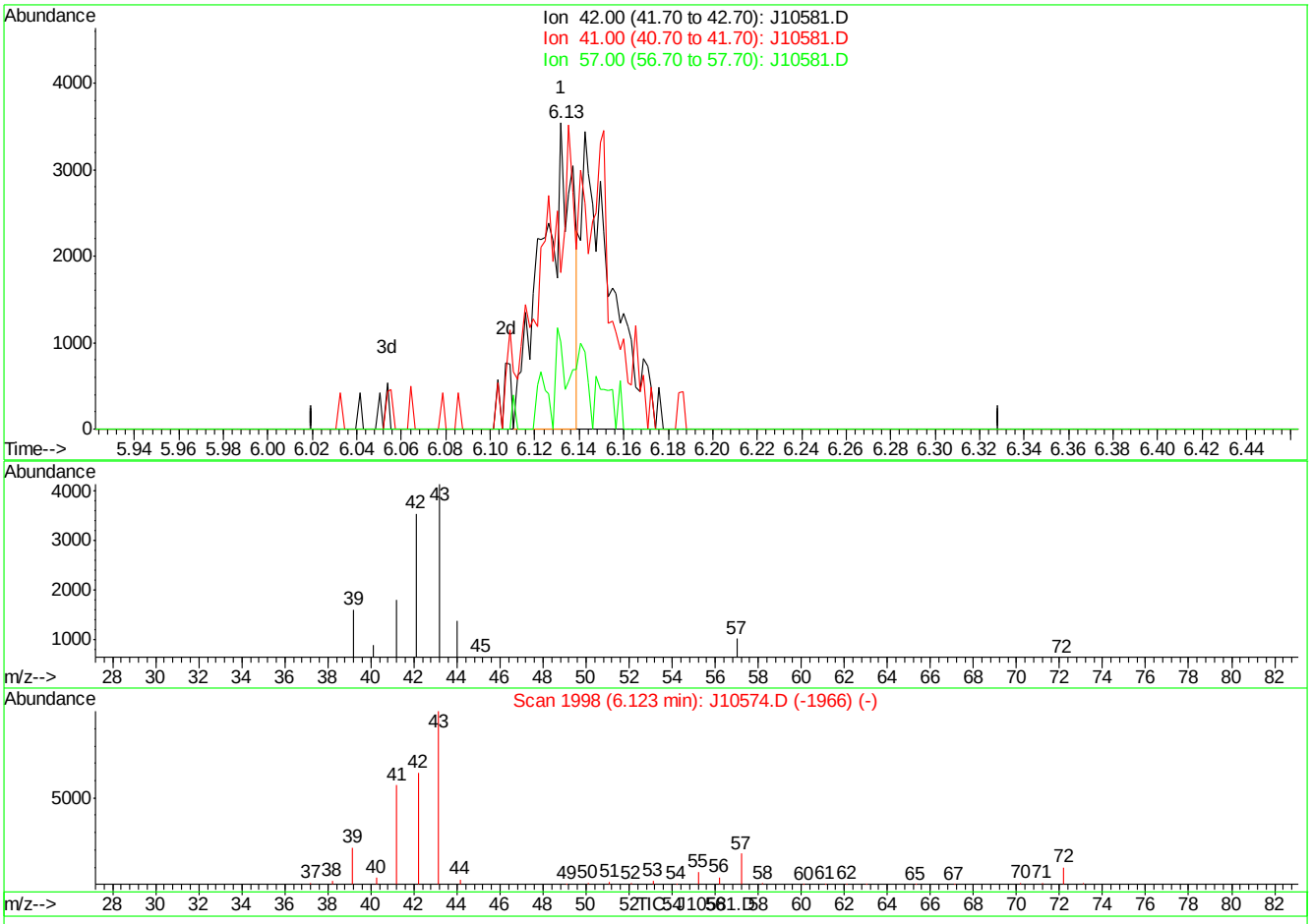
J10581.D J060707T.M Thu Jun 07 11:07:15 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:06:44 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:13:39 2007
Response via : Multiple Level Calibration



(13) PENTANE (m)

6.13min 0.11PPBV

response 3382

Ion	Exp%	Act%
42.00	100	100
41.00	93.90	195.15#
57.00	25.90	37.70
0.00	0.00	0.00

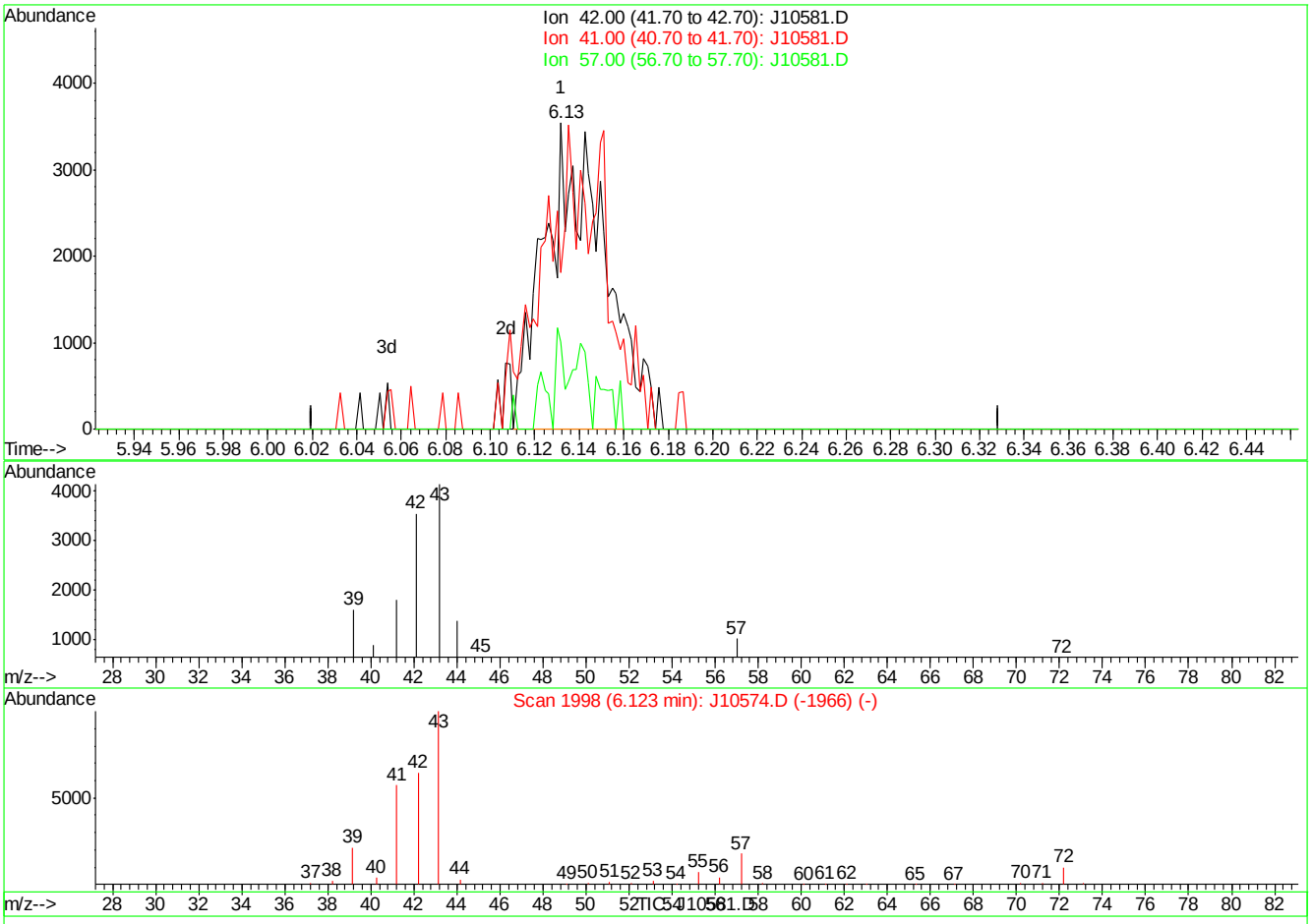
J10581.D J060707T.M Thu Jun 07 11:07:28 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:06:44 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:13:39 2007
Response via : Multiple Level Calibration



(13) PENTANE (m)

6.13min 0.22PPBV m

response 6661

Ion	Exp%	Act%
42.00	100	100
41.00	93.90	99.08
57.00	25.90	19.14
0.00	0.00	0.00

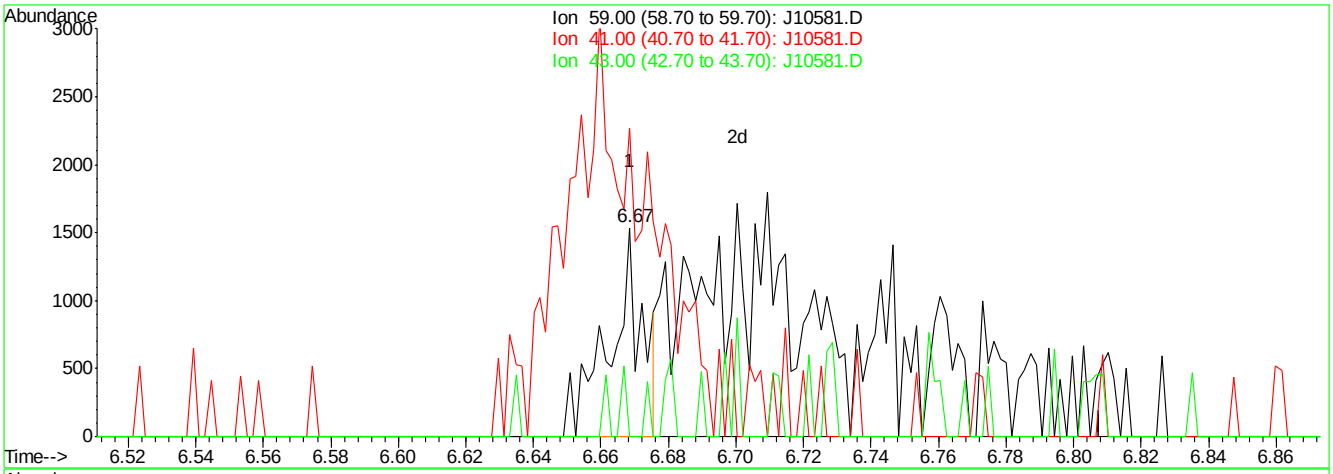
J10581.D J060707T.M Thu Jun 07 11:07:33 2007

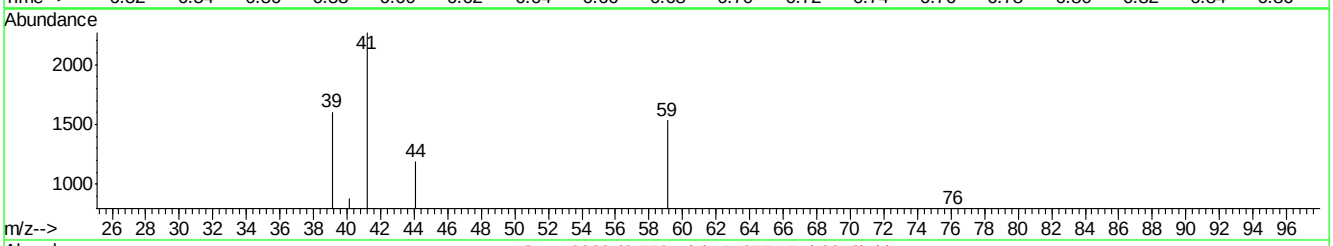
Quantitation Report (Qedit)

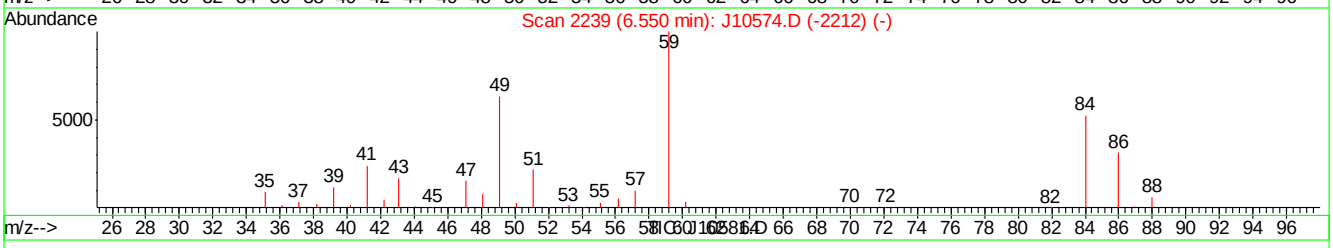
Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:06:44 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:13:39 2007
Response via : Multiple Level Calibration







(22) TERTIARY BUTYL ALCOHOL (m)

6.67min 0.03PPBV

response 1033

Ion	Exp%	Act%
59.00	100	100
41.00	21.50	499.61#
43.00	16.90	10.07
0.00	0.00	0.00

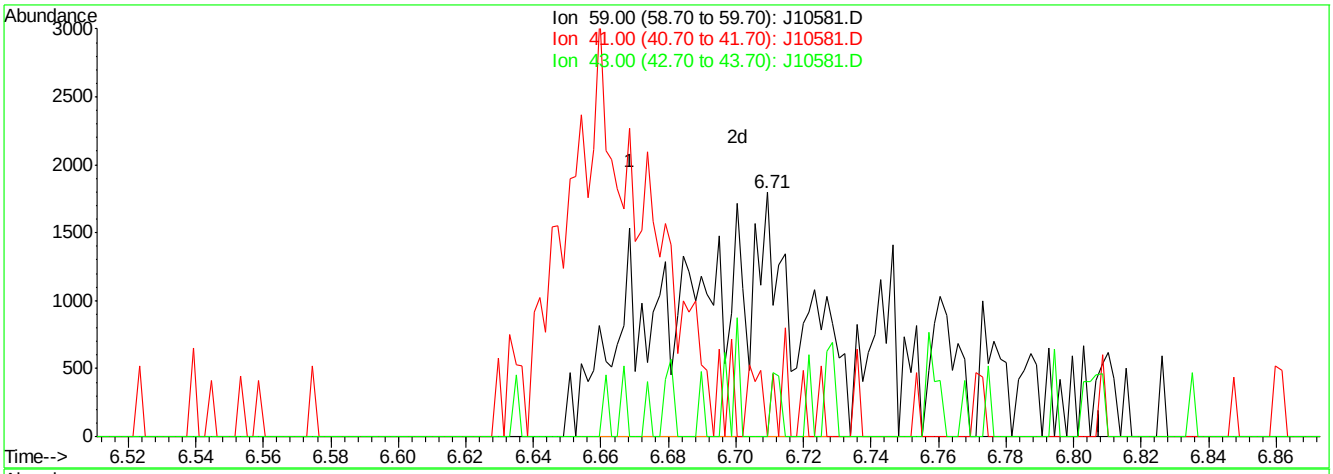
J10581.D J060707T.M Thu Jun 07 11:08:00 2007

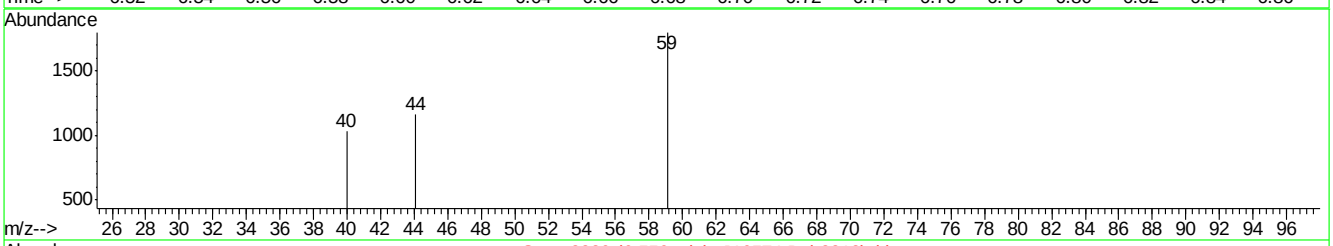
Quantitation Report (Qedit)

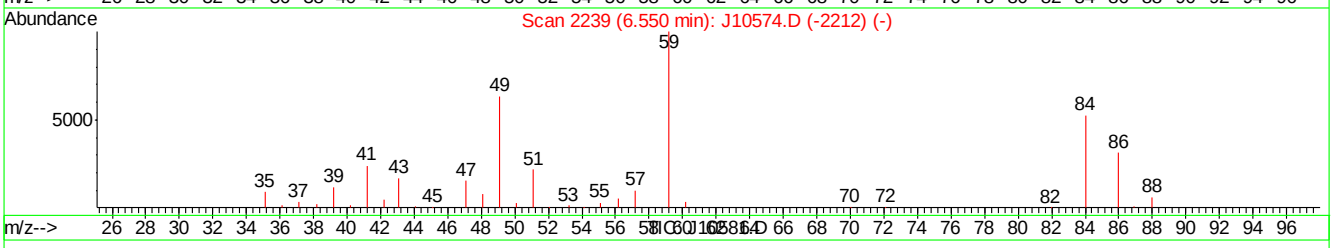
Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:06:44 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:13:39 2007
Response via : Multiple Level Calibration







(22) TERTIARY BUTYL ALCOHOL (m)

6.71min 0.17PPBV m

response 5040

Ion	Exp%	Act%
59.00	100	100
41.00	21.50	102.40#
43.00	16.90	2.06
0.00	0.00	0.00

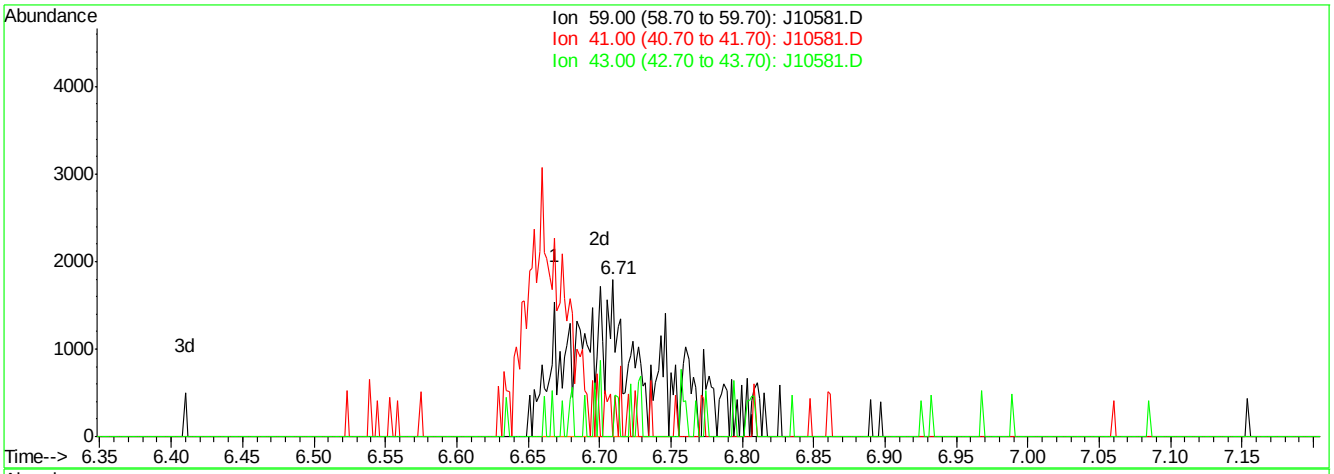
J10581.D J060707T.M Thu Jun 07 11:08:06 2007

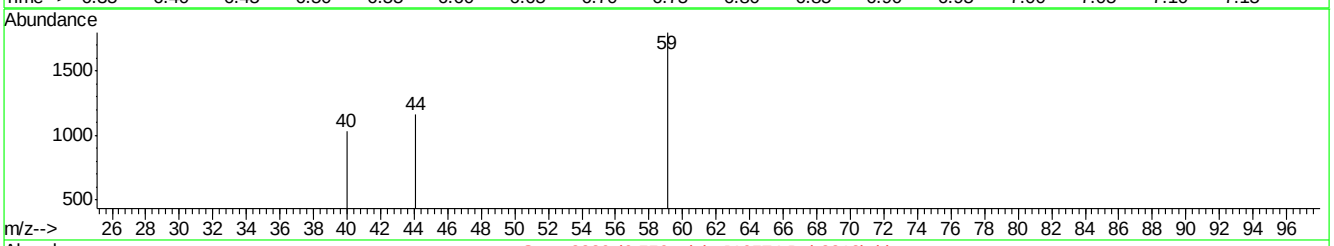
Quantitation Report (Qedit)

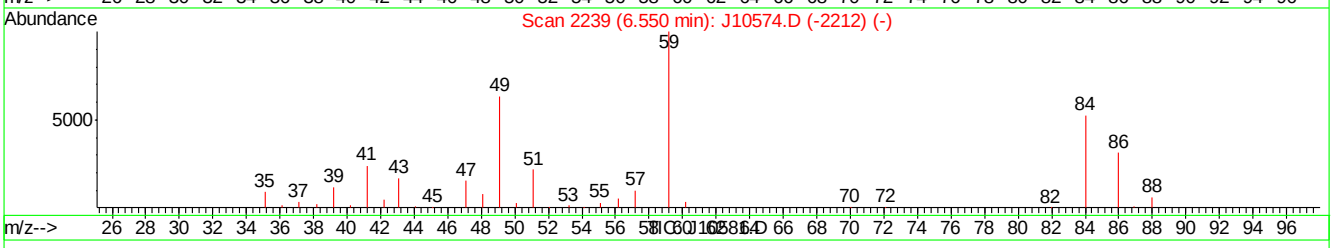
Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:06:44 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:13:39 2007
Response via : Multiple Level Calibration







(22) TERTIARY BUTYL ALCOHOL (m)

6.71min 0.17PPBV m

response 5040

Ion	Exp%	Act%
59.00	100	100
41.00	21.50	102.40#
43.00	16.90	2.06
0.00	0.00	0.00

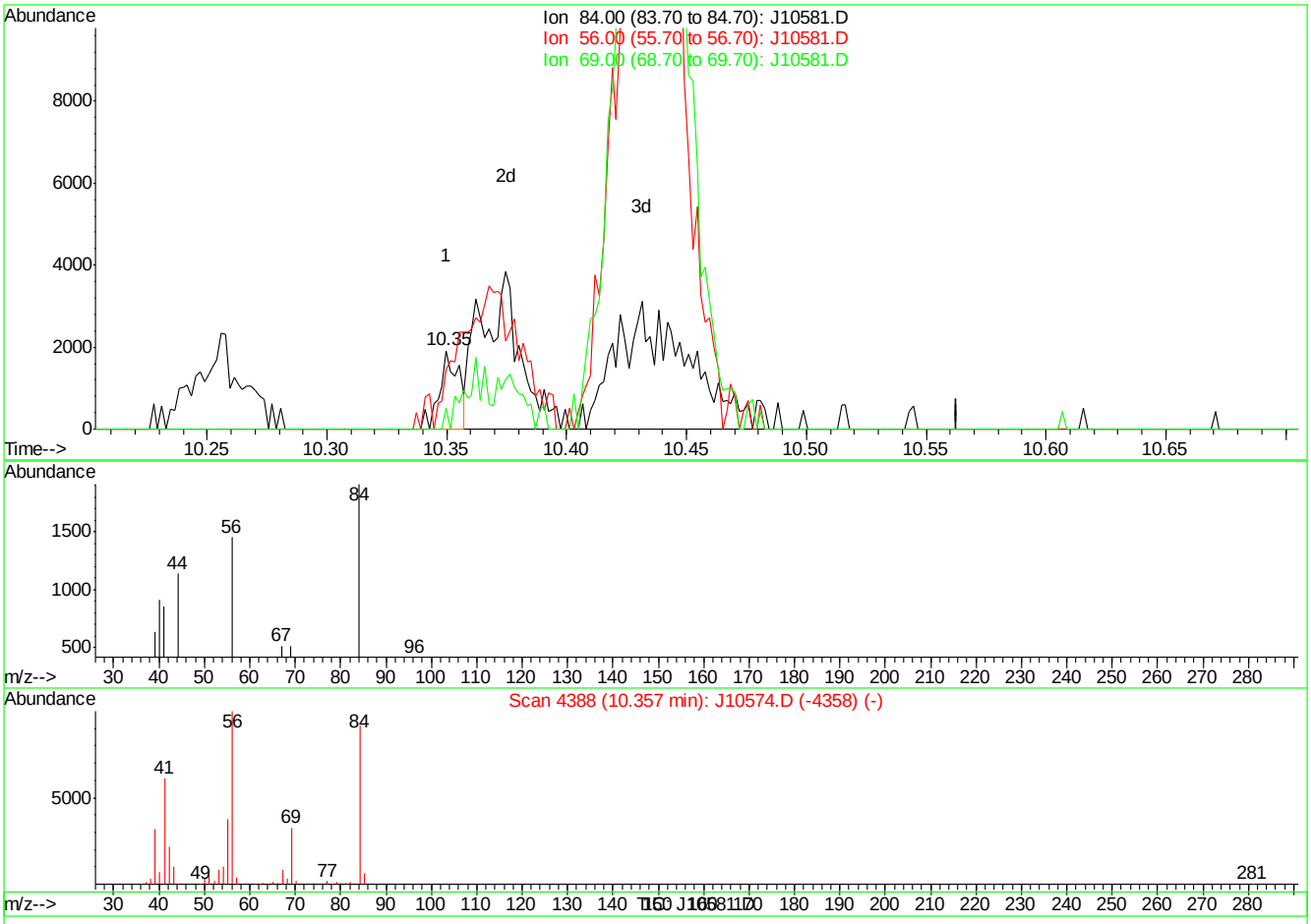
J10581.D J060707T.M Thu Jun 07 11:08:27 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:06:44 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:13:39 2007
Response via : Multiple Level Calibration



(37) CYCLOHEXANE (m)

10.35min 0.03PPBV

response 1054

Ion	Exp%	Act%
84.00	100	100
56.00	107.60	582.54#
69.00	35.30	91.84#
0.00	0.00	0.00

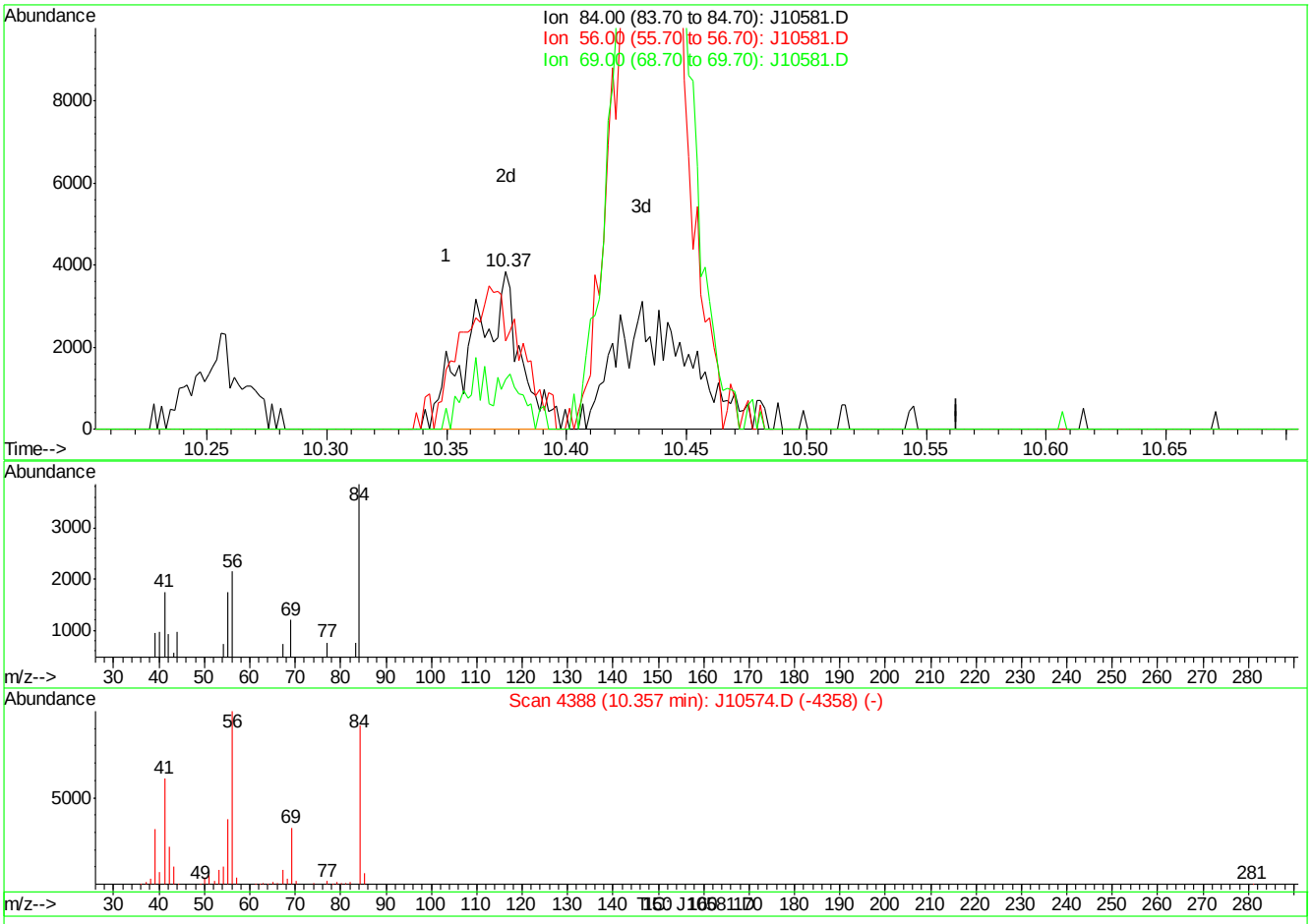
J10581.D J060707T.M Thu Jun 07 11:09:45 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:06:44 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:13:39 2007
Response via : Multiple Level Calibration



(37) CYCLOHEXANE (m)

10.37min 0.17PPBV m

response 5355

Ion	Exp%	Act%
84.00	100	100
56.00	107.60	114.66
69.00	35.30	18.08
0.00	0.00	0.00

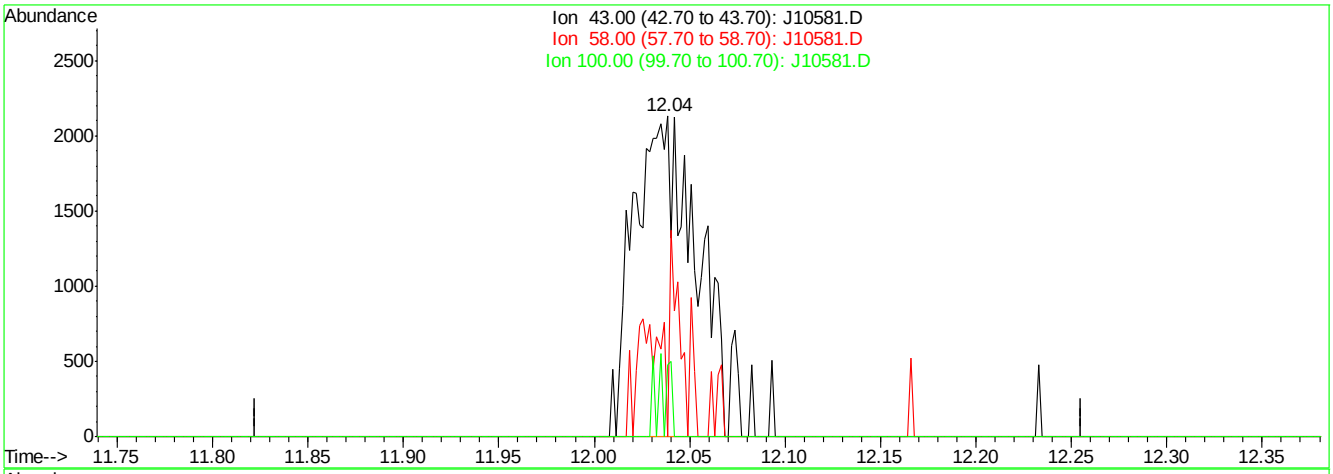
J10581.D J060707T.M Thu Jun 07 11:09:52 2007

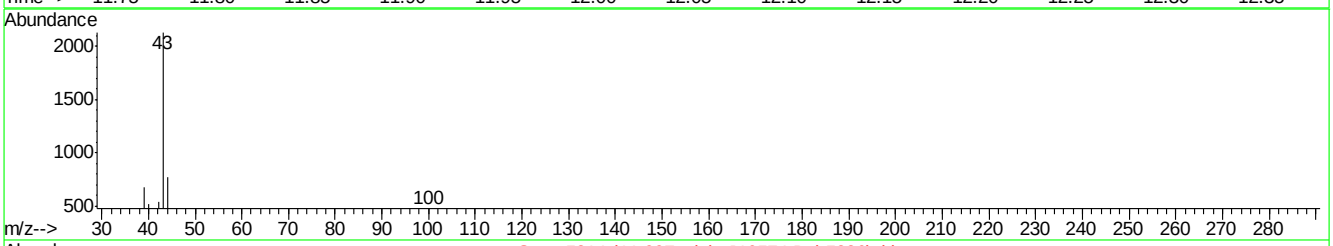
Quantitation Report (Qedit)

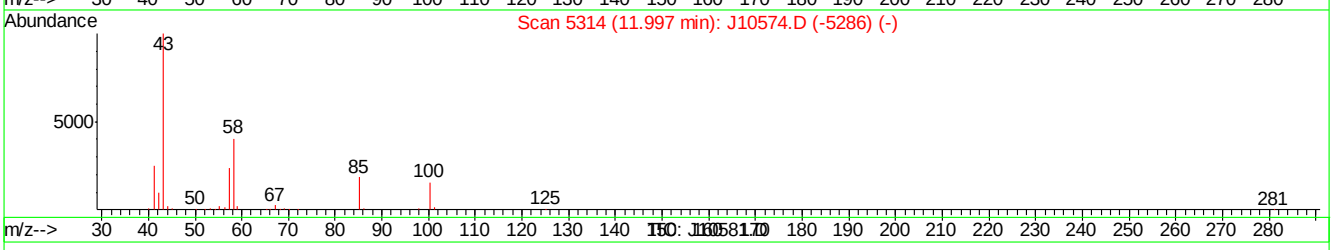
Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:06:44 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:13:39 2007
Response via : Multiple Level Calibration







(44) METHYL ISOBUTYL KETONE (m)

12.04min 0.15PPBV

response 4911

Ion	Exp%	Act%
43.00	100	100
58.00	39.10	12.28#
100.00	14.20	4.48
0.00	0.00	0.00

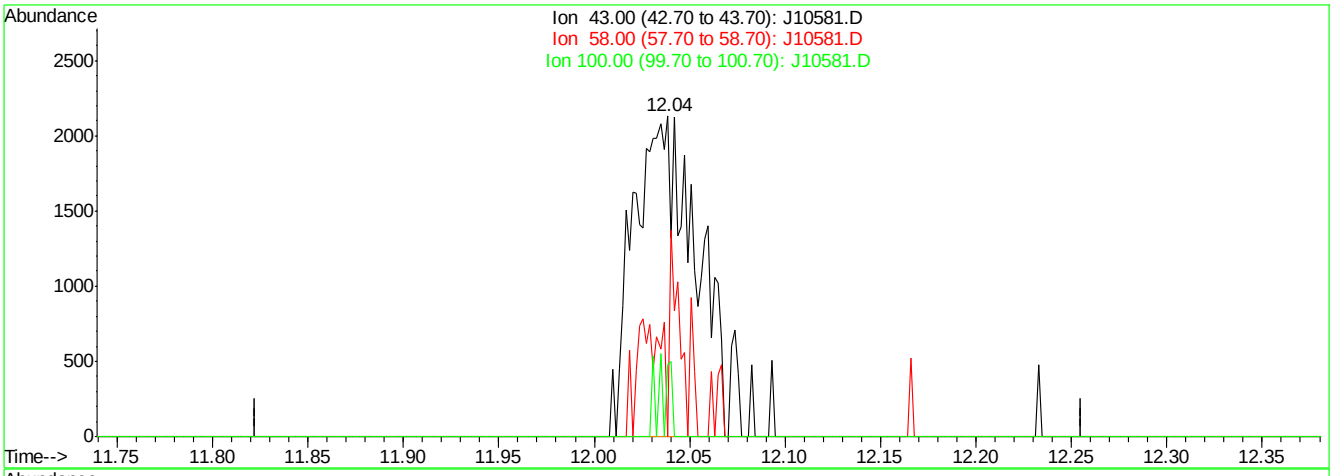
J10581.D J060707T.M Thu Jun 07 11:10:16 2007

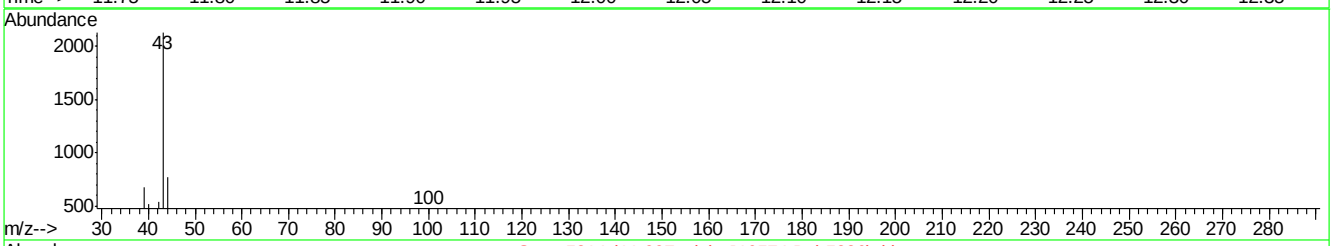
Quantitation Report (Qedit)

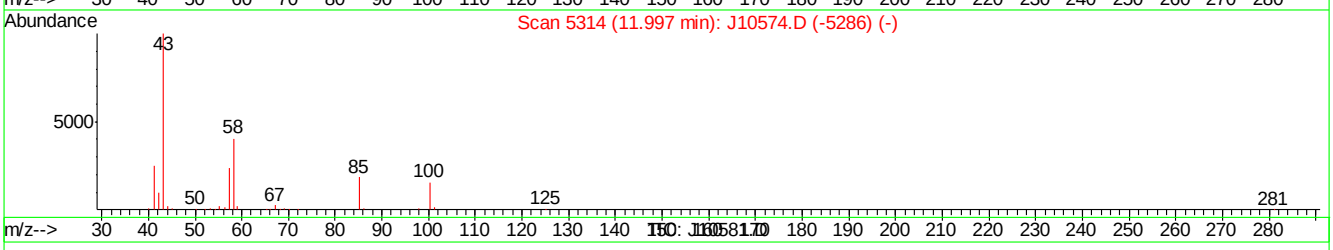
Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:06:44 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:13:39 2007
Response via : Multiple Level Calibration







(44) METHYL ISOBUTYL KETONE (m)

12.04min 0.14PPBV m

response 4679

Ion	Exp%	Act%
43.00	100	100
58.00	39.10	12.89#
100.00	14.20	4.70
0.00	0.00	0.00

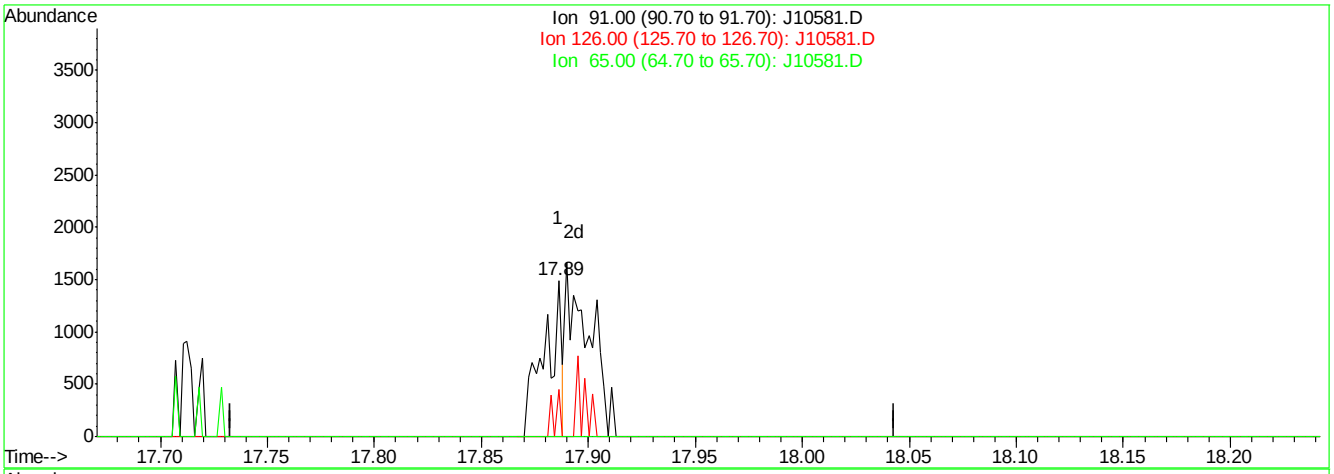
J10581.D J060707T.M Thu Jun 07 11:10:28 2007

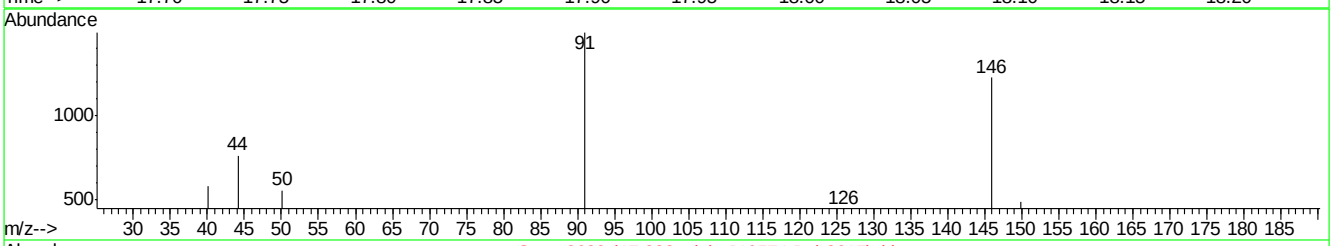
Quantitation Report (Qedit)

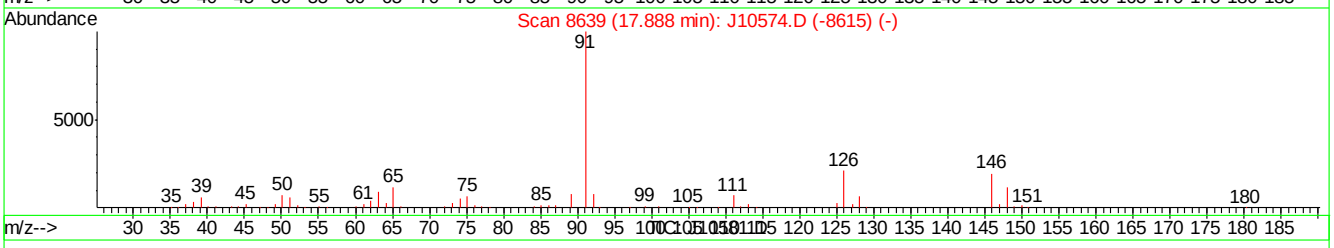
Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:06:44 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:13:39 2007
Response via : Multiple Level Calibration







(69) BENZYL CHLORIDE (m)

17.89min 0.06PPBV

response 823

Ion	Exp%	Act%
91.00	100	100
126.00	20.90	0.00#
65.00	11.30	0.00
0.00	0.00	0.00

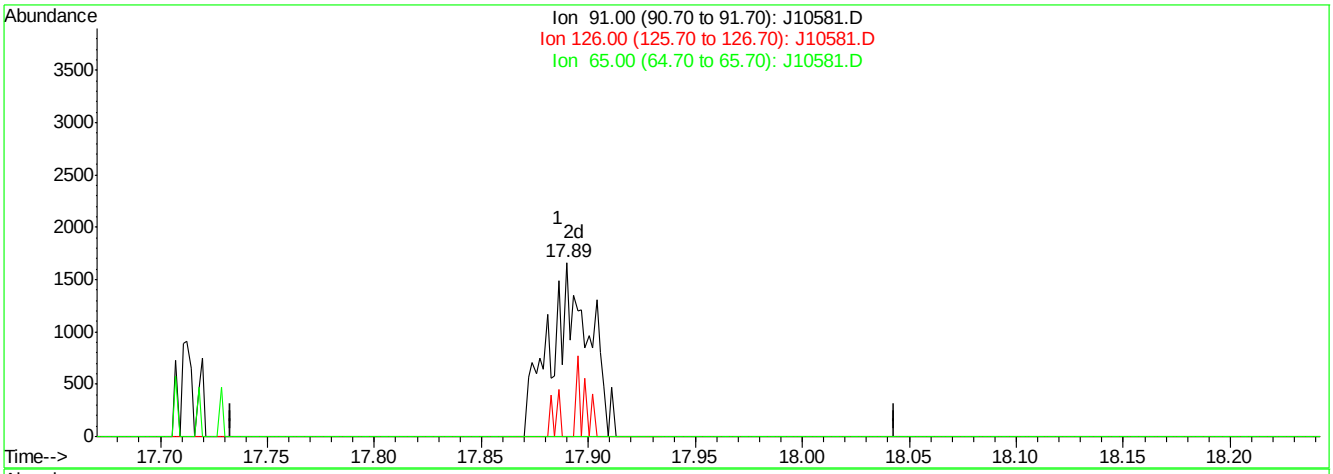
J10581.D J060707T.M Thu Jun 07 11:10:54 2007

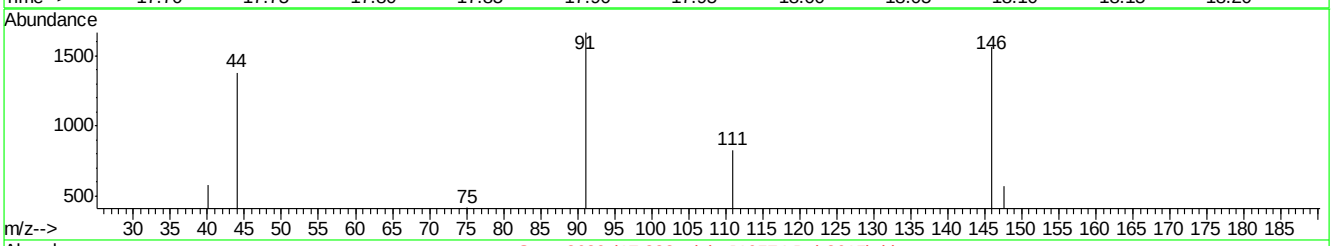
Quantitation Report (Qedit)

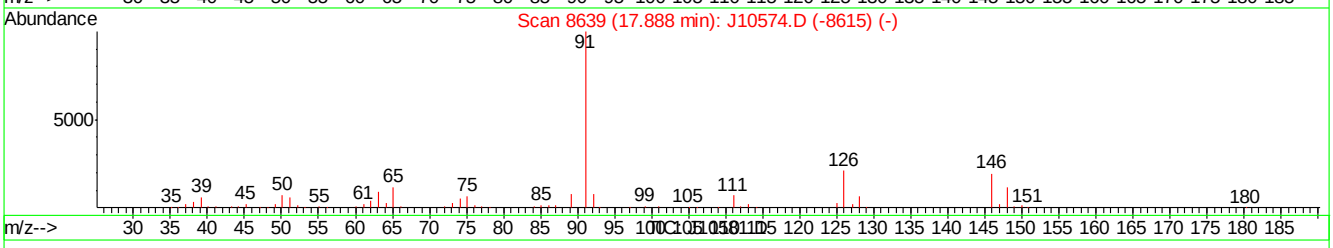
Data File : C:\MSDChem\1\data\J10581.D Vial: 1
Acq On : 7 Jun 2007 10:30 am Operator: danat
Sample : ic548-0.2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:06:44 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 10:13:39 2007
Response via : Multiple Level Calibration







(69) BENZYL CHLORIDE (m)

17.89min 0.15PPBV m

response 2106

Ion	Exp%	Act%
91.00	100	100
126.00	20.90	0.00#
65.00	11.30	0.00
0.00	0.00	0.00

J10581.D J060707T.M Thu Jun 07 11:10:59 2007

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 06/18/07 11:53

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10582.D
Acq On : 7 Jun 2007 11:22 am
Operator : danat
Sample : ic548-2 (m122)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 07 11:55:44 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 11:11:14 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.61	128	365236	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.43	114	1610084	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.66	117	1440404	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.28	95	432961	5.67	PPBV	-0.01
Spiked Amount 5.000	Range 51 - 142		Recovery = 113.40%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	260707	2.16	PPBV	100
3) PROPYLENE	4.00	41	42346	1.98	PPBV	96
4) FREON 114	4.32	85	241732	2.17	PPBV	98
5) CHLOROMETHANE	4.22	50	62302	2.09	PPBV	93
6) VINYL CHLORIDE	4.45	62	74622	2.31	PPBV	95
7) 1,3-BUTADIENE	4.58	39	51890	2.53	PPBV	91
8) BROMOMETHANE	4.85	94	82860	2.23	PPBV	98
9) CHLOROETHANE	5.02	64	36023	2.63	PPBV	97
10) TRICHLOROFLUOROMETHANE	5.78	101	272284	2.20	PPBV	99
11) ISOPROPYL ALCOHOL	5.95	45	80015	2.24	PPBV	79
12) ACETONE	5.66	43	105477	1.87	PPBV	98
13) PENTANE	6.13	42	61581	1.95	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.42	96	74662	2.33	PPBV	96
15) CARBON DISULFIDE	6.84	76	238732	2.13	PPBV	99
16) ETHANOL	5.22	45	13702m	2.14	PPBV	
17) BROMOETHENE	5.38	106	74025	2.33	PPBV	98
18) METHYLENE CHLORIDE	6.54	84	96161	0.95	PPBV	97
19) 3-CHLOROPROPENE	6.65	39	51645	2.39	PPBV	96
20) FREON 113	6.78	151	173284	2.19	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.45	96	73942	2.38	PPBV	98
22) TERTIARY BUTYL ALCOHOL	6.55	59	99468	3.63	PPBV	86
23) METHYL TERTIARY BUTYL ETHE	7.73	73	147380	2.61	PPBV	99
24) TETRAHYDROFURAN	9.19	42	46085	2.69	PPBV	97
25) HEXANE	8.62	57	86914	1.22	PPBV	95
26) VINYL ACETATE	7.79	43	80315	2.09	PPBV	93
27) 1,1-DICHLOROETHANE	7.65	63	133555	2.49	PPBV	100
28) METHYL ETHYL KETONE	8.07	43	93726	2.83	PPBV	95
29) cis-1,2-DICHLOROETHYLENE	8.45	96	73420	2.45	PPBV	99
30) ETHYL ACETATE	8.68	43	97857	2.76	PPBV #	96
31) CHLOROFORM	8.73	83	184824	2.29	PPBV	100
32) 1,1,1-TRICHLOROETHANE	9.67	97	207432	2.54	PPBV	99
33) CARBON TETRACHLORIDE	10.25	117	227560	2.44	PPBV	100
34) 1,2-DICHLOROETHANE	9.43	62	99121	2.54	PPBV	99
36) BENZENE	10.11	78	188505	2.77	PPBV	99
37) CYCLOHEXANE	10.36	84	80817	2.84	PPBV	100
38) TRICHLOROETHYLENE	11.10	95	97192	2.56	PPBV	99
39) 1,2-DICHLOROPROPANE	10.89	63	66058	2.77	PPBV	99
40) BROMODICHLOROMETHANE	11.08	83	169799	2.68	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.11	57	298152	3.17	PPBV	99
42) 1,4-DIOXANE	11.19	88	22957	4.39	PPBV	82
43) HEPTANE	11.35	43	95493	3.05	PPBV	96

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10582.D
Acq On : 7 Jun 2007 11:22 am
Operator : danat
Sample : ic548-2 (m122)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 07 11:55:44 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 11:11:14 2007
Response via : Initial Calibration

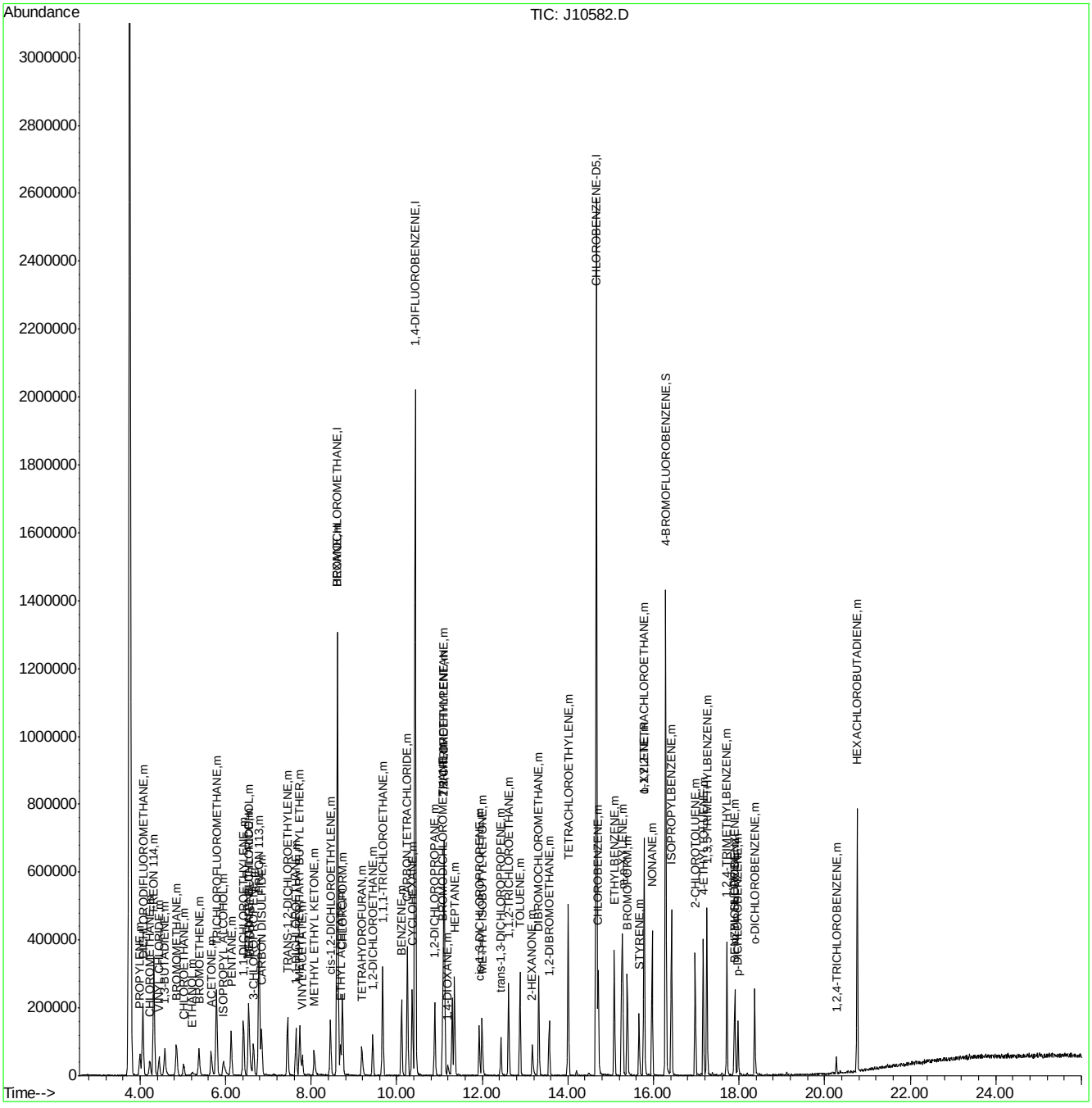
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.99	43	113090	4.02	PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.93	75	75255	3.33	PPBV	99
46) TOLUENE	12.88	92	117321	3.06	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.43	75	57249	3.42	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.61	83	68617	2.88	PPBV	98
50) 2-HEXANONE	13.17	43	69370	4.50	PPBV	95
51) TETRACHLOROETHYLENE	14.01	164	110465	2.42	PPBV	99
52) DIBROMOCHLOROMETHANE	13.32	129	158914	2.66	PPBV	98
53) 1,2-DIBROMOETHANE	13.57	107	100682	2.74	PPBV	97
54) CHLOROBENZENE	14.71	112	161472	2.62	PPBV	99
55) ETHYLBENZENE	15.09	91	239276	3.60	PPBV	99
56) m,p-XYLENE	15.27	106	195474	8.09	PPBV	92
57) o-XYLENE	15.78	106	100505	4.02	PPBV	97
58) STYRENE	15.66	104	81441	4.20	PPBV	99
59) NONANE	15.97	43	123957	4.61	PPBV	98
60) BROMOFORM	15.39	173	145409	2.94	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.78	83	168019	3.14	PPBV	100
63) ISOPROPYLBENZENE	16.42	105	302380	4.14	PPBV	99
64) 2-CHLOROTOLUENE	16.98	91	184489	3.75	PPBV	99
65) 4-ETHYLTOLUENE	17.16	105	210090	4.50	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	240588	4.91	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.71	105	184024	4.51	PPBV	99
68) m-DICHLOROBENZENE	17.90	146	94319	3.22	PPBV	100
69) BENZYL CHLORIDE	17.88	91	41500	3.12	PPBV	96
70) p-DICHLOROBENZENE	17.97	146	69504	2.94	PPBV	99
71) o-DICHLOROBENZENE	18.37	146	97628	3.00	PPBV	96
72) HEXACHLOROBUTADIENE	20.76	225	130536	2.41	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.28	180	14087	1.93	PPBV	95

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10582.D
Acq On : 7 Jun 2007 11:22 am
Operator : danat
Sample : ic548-2 (m122)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 07 11:55:44 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 11:11:14 2007
Response via : Initial Calibration

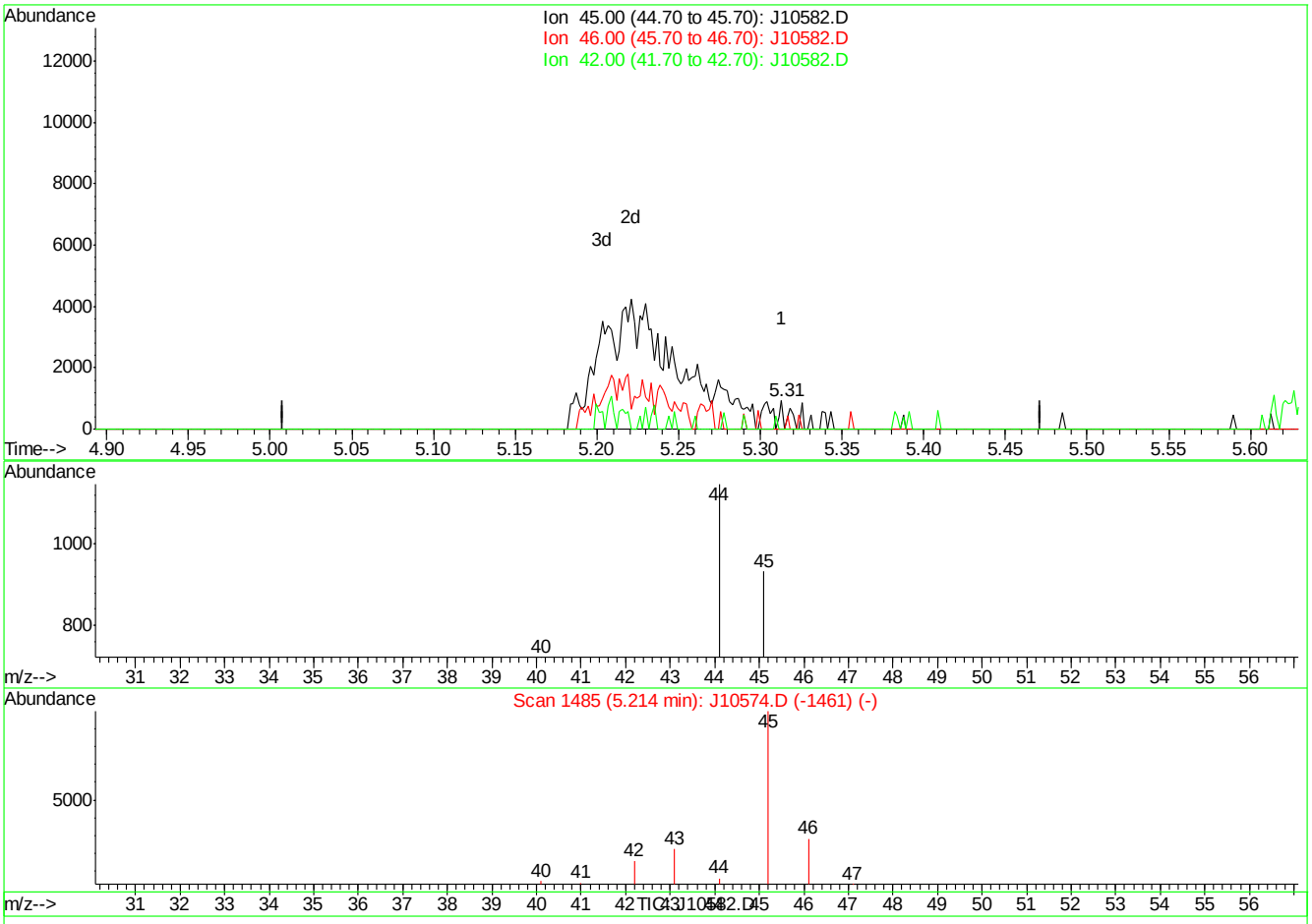


Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10582.D Vial: 1
Acq On : 7 Jun 2007 11:22 am Operator: danat
Sample : ic548-2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:54:12 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 11:54:37 2007
Response via : Multiple Level Calibration



(16) ETHANOL (m)

5.31min 0.06PPBV

response 404

Ion	Exp%	Act%
45.00	100	100
46.00	30.00	23.27
42.00	6.30	11.14
0.00	0.00	0.00

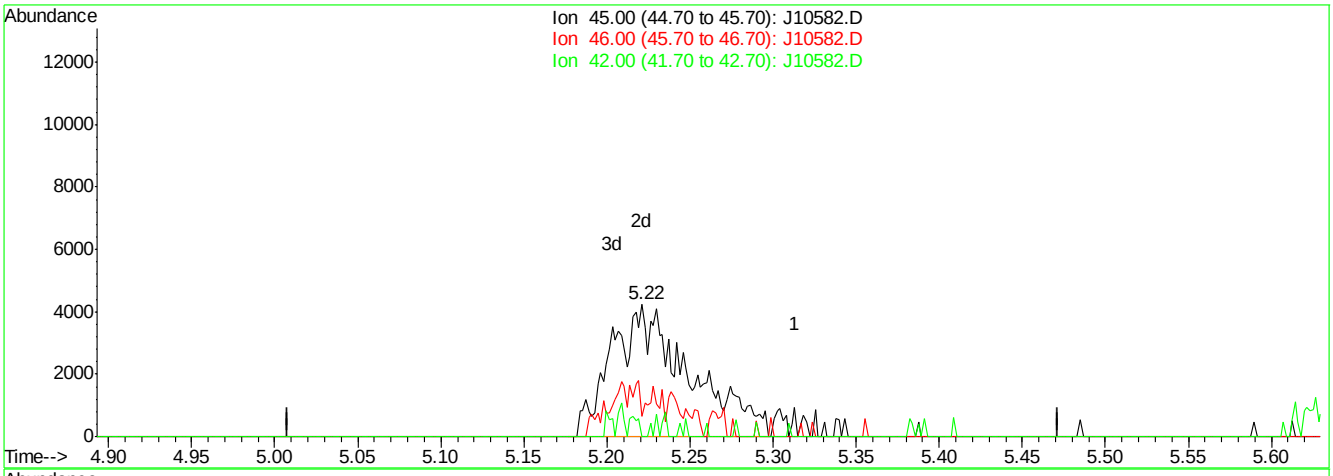
J10582.D J060707T.M Thu Jun 07 11:55:01 2007

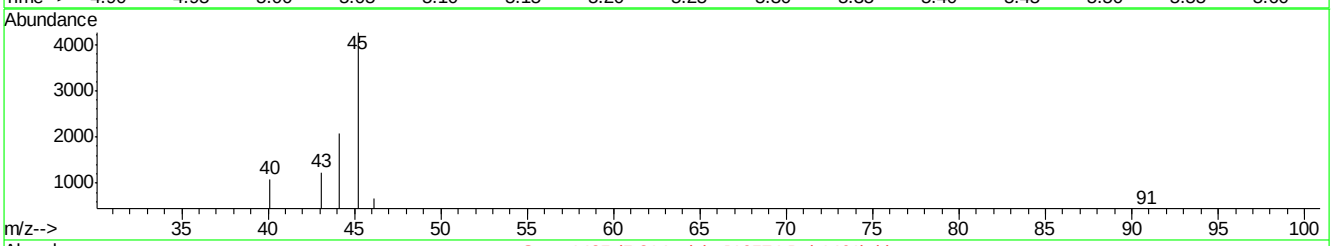
Quantitation Report (Qedit)

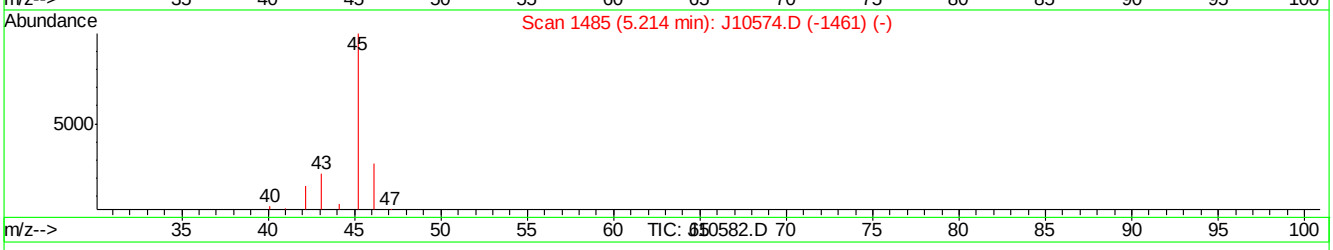
Data File : C:\MSDChem\1\data\J10582.D Vial: 1
Acq On : 7 Jun 2007 11:22 am Operator: danat
Sample : ic548-2 (m122) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 11:54:12 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 11:54:37 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.22min 2.14PPBV m

response 13702

Ion	Exp%	Act%
45.00	100	100
46.00	30.00	0.69#
42.00	6.30	0.33
0.00	0.00	0.00

J10582.D J060707T.M Thu Jun 07 11:55:07 2007

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10583.D
Acq On : 7 Jun 2007 12:16 pm
Operator : danat
Sample : ic548-5 (m109)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 13:36:11 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 11:55:59 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.60	128	382768	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.43	114	1702002	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1469534	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.29	95	432772	5.32	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 106.40%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	574861	4.43	PPBV	99
3) PROPYLENE	4.00	41	95473	4.27	PPBV	86
4) FREON 114	4.31	85	527468	4.39	PPBV	99
5) CHLOROMETHANE	4.22	50	138866	4.38	PPBV	100
6) VINYL CHLORIDE	4.44	62	160860	4.51	PPBV	100
7) 1,3-BUTADIENE	4.57	39	114982	4.91	PPBV	98
8) BROMOMETHANE	4.85	94	187462	4.64	PPBV	99
9) CHLOROETHANE	5.01	64	75837	4.78	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.78	101	586158	4.37	PPBV	100
11) ISOPROPYL ALCOHOL	5.93	45	170699	4.38	PPBV	88
12) ACETONE	5.65	43	185483	3.20	PPBV	98
13) PENTANE	6.12	42	139627	4.26	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.41	96	171035	4.82	PPBV	96
15) CARBON DISULFIDE	6.83	76	514549	4.29	PPBV	99
16) ETHANOL	5.20	45	29743	4.29	PPBV	94
17) BROMOETHENE	5.37	106	172775	4.92	PPBV	98
18) METHYLENE CHLORIDE	6.53	84	173474	1.98	PPBV	97
19) 3-CHLOROPROPENE	6.64	39	107493	4.46	PPBV	92
20) FREON 113	6.77	151	371412	4.34	PPBV	100
21) TRANS-1,2-DICHLOROETHYLENE	7.44	96	161098	4.66	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.53	59	228143	6.25	PPBV	93
23) METHYL TERTIARY BUTYL ETHE	7.72	73	323807	4.96	PPBV	100
24) TETRAHYDROFURAN	9.17	42	99605	4.73	PPBV	98
25) HEXANE	8.61	57	182043	2.80	PPBV	97
26) VINYL ACETATE	7.78	43	185035	4.49	PPBV	96
27) 1,1-DICHLOROETHANE	7.63	63	266094	4.38	PPBV	100
28) METHYL ETHYL KETONE	8.06	43	185377	4.69	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.44	96	150202	4.45	PPBV	99
30) ETHYL ACETATE	8.68	43	197243	4.72	PPBV #	86
31) CHLOROFORM	8.73	83	372646	4.21	PPBV	100
32) 1,1,1-TRICHLOROETHANE	9.67	97	400463	4.30	PPBV	100
33) CARBON TETRACHLORIDE	10.24	117	503654	4.80	PPBV	100
34) 1,2-DICHLOROETHANE	9.43	62	204505	4.59	PPBV	99
36) BENZENE	10.11	78	368280	4.54	PPBV	99
37) CYCLOHEXANE	10.36	84	190950	5.57	PPBV	100
38) TRICHLOROETHYLENE	11.10	95	204757	4.67	PPBV	98
39) 1,2-DICHLOROPROPANE	10.88	63	127912	4.50	PPBV	99
40) BROMODICHLOROMETHANE	11.07	83	344565	4.62	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.11	57	603884	5.08	PPBV	99
42) 1,4-DIOXANE	11.17	88	59612	6.75	PPBV	91
43) HEPTANE	11.35	43	192835	4.96	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10583.D
Acq On : 7 Jun 2007 12:16 pm
Operator : danat
Sample : ic548-5 (m109)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 13:36:11 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 11:55:59 2007
Response via : Initial Calibration

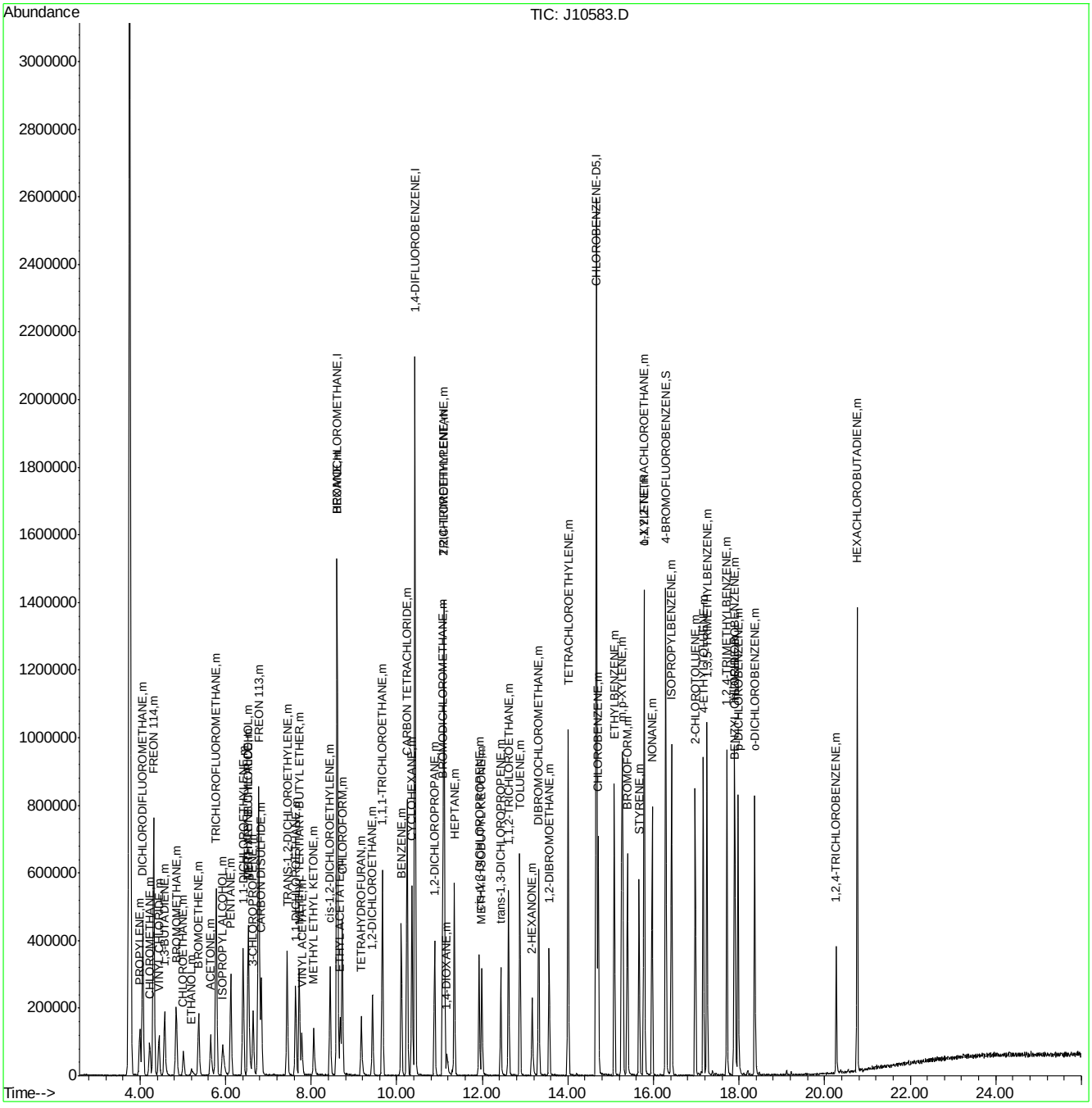
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.98	43	218338	5.49	PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.92	75	175907	6.03	PPBV	98
46) TOLUENE	12.88	92	255104	5.35	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.43	75	157847	7.21	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.61	83	138927	4.81	PPBV	99
50) 2-HEXANONE	13.16	43	174185	7.82	PPBV	97
51) TETRACHLOROETHYLENE	14.00	164	228679	4.58	PPBV	100
52) DIBROMOCHLOROMETHANE	13.32	129	333799	4.93	PPBV	100
53) 1,2-DIBROMOETHANE	13.56	107	239874	5.69	PPBV	100
54) CHLOROBENZENE	14.71	112	368404	5.31	PPBV	99
55) ETHYLBENZENE	15.08	91	566322	6.60	PPBV	100
56) m,p-XYLENE	15.26	106	452487	13.69	PPBV	94
57) o-XYLENE	15.78	106	230301	6.76	PPBV	98
58) STYRENE	15.66	104	266259	9.85	PPBV	99
59) NONANE	15.97	43	252411	6.41	PPBV	97
60) BROMOFORM	15.39	173	322596	5.53	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.78	83	335693	5.17	PPBV	99
63) ISOPROPYLBENZENE	16.42	105	647729	6.40	PPBV	99
64) 2-CHLOROTOLUENE	16.97	91	434688	6.71	PPBV	99
65) 4-ETHYLTOLUENE	17.17	105	541394	8.03	PPBV #	49
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	526828	7.09	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	468875	7.94	PPBV	99
68) m-DICHLOROBENZENE	17.90	146	358645	9.97	PPBV	99
69) BENZYL CHLORIDE	17.88	91	261110	16.20	PPBV	99
70) p-DICHLOROBENZENE	17.97	146	324420	11.64	PPBV	96
71) o-DICHLOROBENZENE	18.37	146	322389	8.32	PPBV	98
72) HEXACHLOROBUTADIENE	20.76	225	228202	3.86	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.27	180	108282	14.74	PPBV	100

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10583.D
Acq On : 7 Jun 2007 12:16 pm
Operator : danat
Sample : ic548-5 (m109)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 13:36:11 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 11:55:59 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10584.D
Acq On : 7 Jun 2007 2:01 pm
Operator : danat
Sample : icc548-10 (m109)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 14:29:00 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 13:36:34 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	335391	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1562152	10.00	PPBV	0.01
49) CHLOROBENZENE-D5	14.68	117	1446956	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.30	95	462083	5.68	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 113.60%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.08	85	1340777	12.14	PPBV	100
3) PROPYLENE	4.00	41	248996	13.20	PPBV	91
4) FREON 114	4.33	85	1187813	11.65	PPBV	100
5) CHLOROMETHANE	4.24	50	330104	12.27	PPBV	96
6) VINYL CHLORIDE	4.46	62	392314	12.88	PPBV	98
7) 1,3-BUTADIENE	4.59	39	266776	13.07	PPBV	99
8) BROMOMETHANE	4.86	94	423926	12.20	PPBV	99
9) CHLOROETHANE	5.03	64	164725	11.98	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.79	101	1293116	11.37	PPBV	99
11) ISOPROPYL ALCOHOL	5.99	45	470030	14.21	PPBV	94
12) ACETONE	5.66	43	462889	10.02	PPBV	99
13) PENTANE	6.13	42	304985	11.03	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.42	96	399051	12.96	PPBV	98
15) CARBON DISULFIDE	6.84	76	1170771	11.54	PPBV	99
16) ETHANOL	5.24	45	85682	14.80	PPBV	84
17) BROMOETHENE	5.39	106	409451	13.36	PPBV	99
18) METHYLENE CHLORIDE	6.54	84	360689	5.53	PPBV	99
19) 3-CHLOROPROPENE	6.66	39	250101	12.16	PPBV	98
20) FREON 113	6.79	151	806897	11.12	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.45	96	369889	12.42	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.58	59	630825	18.56	PPBV	96
23) METHYL TERTIARY BUTYL ETHE	7.73	73	898098	15.74	PPBV	100
24) TETRAHYDROFURAN	9.18	42	282078	15.58	PPBV	98
25) HEXANE	8.63	57	404600	7.97	PPBV	98
26) VINYL ACETATE	7.80	43	550071	15.78	PPBV	99
27) 1,1-DICHLOROETHANE	7.65	63	609128	11.81	PPBV	100
28) METHYL ETHYL KETONE	8.08	43	498942	14.64	PPBV	99
29) cis-1,2-DICHLOROETHYLENE	8.46	96	367159	12.77	PPBV	100
30) ETHYL ACETATE	8.70	43	549745	15.22	PPBV	100
31) CHLOROFORM	8.74	83	860299	11.54	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.68	97	924831	11.74	PPBV	100
33) CARBON TETRACHLORIDE	10.25	117	1146531	12.60	PPBV	100
34) 1,2-DICHLOROETHANE	9.45	62	530993	13.88	PPBV	99
36) BENZENE	10.12	78	968590	13.31	PPBV	99
37) CYCLOHEXANE	10.37	84	445342	13.76	PPBV	99
38) TRICHLOROETHYLENE	11.12	95	519715	13.13	PPBV	98
39) 1,2-DICHLOROPROPANE	10.90	63	340450	13.37	PPBV	99
40) BROMODICHLOROMETHANE	11.09	83	884277	13.16	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	1411975	12.89	PPBV	100
42) 1,4-DIOXANE	11.19	88	177880	19.65	PPBV	97
43) HEPTANE	11.36	43	485962	13.64	PPBV	100

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10584.D
Acq On : 7 Jun 2007 2:01 pm
Operator : danat
Sample : icc548-10 (m109)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 14:29:00 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 13:36:34 2007
Response via : Initial Calibration

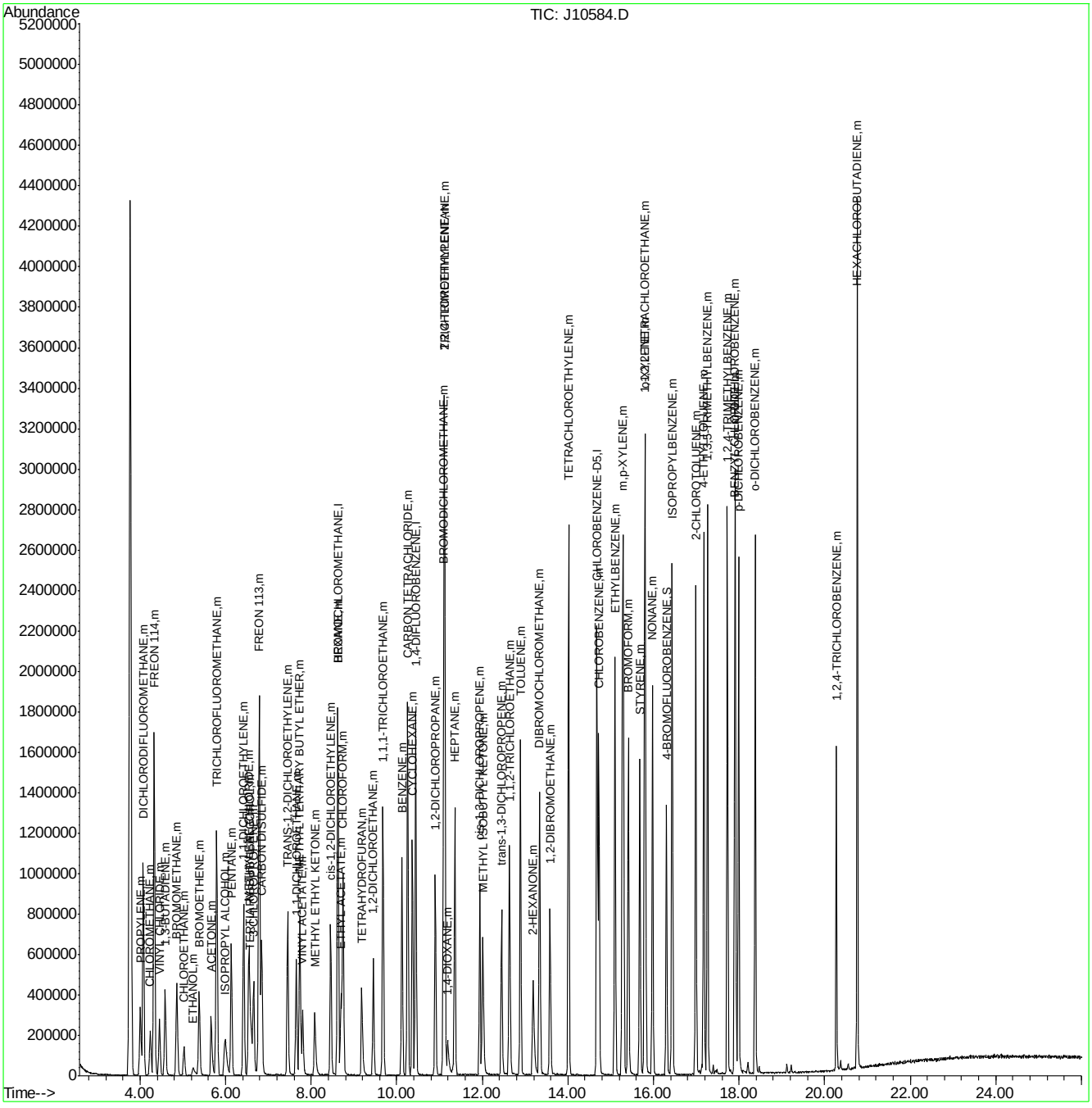
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	596743	15.96	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.94	75	535244	19.01	PPBV	99
46) TOLUENE	12.89	92	744598	16.73	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	510703	22.89	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.63	83	370056	14.10	PPBV	99
50) 2-HEXANONE	13.18	43	516135	20.62	PPBV	100
51) TETRACHLOROETHYLENE	14.02	164	646296	13.44	PPBV	99
52) DIBROMOCHLOROMETHANE	13.34	129	940184	14.16	PPBV	100
53) 1,2-DIBROMOETHANE	13.58	107	696290	16.23	PPBV	100
54) CHLOROBENZENE	14.72	112	1059744	15.27	PPBV	99
55) ETHYLBENZENE	15.10	91	1663004	18.22	PPBV	99
56) m,p-XYLENE	15.29	106	1331628	37.47	PPBV	94
57) o-XYLENE	15.79	106	683802	18.73	PPBV	100
58) STYRENE	15.68	104	888887	26.88	PPBV	99
59) NONANE	15.98	43	705273	17.00	PPBV	99
60) BROMOFORM	15.41	173	977549	16.58	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.81	83	926173	14.36	PPBV	100
63) ISOPROPYLBENZENE	16.44	105	1951452	18.31	PPBV	100
64) 2-CHLOROTOLUENE	16.99	91	1396454	20.16	PPBV	100
65) 4-ETHYLTOLUENE	17.18	105	1749104	22.87	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1607024	19.90	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	1522469	22.84	PPBV	100
68) m-DICHLOROBENZENE	17.91	146	1124834	25.43	PPBV	100
69) BENZYL CHLORIDE	17.89	91	954768	38.57	PPBV	99
70) p-DICHLOROBENZENE	17.99	146	1072539	29.33	PPBV	100
71) o-DICHLOROBENZENE	18.38	146	1066731	23.97	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	746113	13.60	PPBV	100
73) 1,2,4-TRICHLOROBENZENE	20.27	180	450556	41.88	PPBV	100

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10584.D
Acq On : 7 Jun 2007 2:01 pm
Operator : danat
Sample : icc548-10 (m109)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 14:29:00 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 13:36:34 2007
Response via : Initial Calibration



ACCUTEST Laboratories M65798

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 06/18/07 11:53

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10585.D
Acq On : 7 Jun 2007 2:55 pm
Operator : danat
Sample : ic548-20 (m109)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 15:59:11 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 14:29:16 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	371158	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.45	114	1632139	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.68	117	1523938	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.31	95	517501	5.88	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 117.60%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	2654998	20.84	PPBV	99
3) PROPYLENE	4.00	41	461436	20.78	PPBV	96
4) FREON 114	4.33	85	2461957	21.12	PPBV	98
5) CHLOROMETHANE	4.23	50	623255	20.02	PPBV	98
6) VINYL CHLORIDE	4.45	62	772314	21.66	PPBV	98
7) 1,3-BUTADIENE	4.58	39	540784	22.55	PPBV	97
8) BROMOMETHANE	4.85	94	898319	22.37	PPBV	99
9) CHLOROETHANE	5.02	64	379272	23.98	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.78	101	2773086	21.44	PPBV	100
11) ISOPROPYL ALCOHOL	6.01	45	944953m	23.81	PPBV	
12) ACETONE	5.65	43	917269	17.94	PPBV	100
13) PENTANE	6.12	42	617842	19.78	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.41	96	898984	24.91	PPBV	97
15) CARBON DISULFIDE	6.84	76	2419607	20.91	PPBV	99
16) ETHANOL	5.23	45	171611	23.91	PPBV	74
17) BROMOETHENE	5.38	106	913157	25.23	PPBV	99
18) METHYLENE CHLORIDE	6.54	84	833344	12.68	PPBV	97
19) 3-CHLOROPROPENE	6.65	39	692698	29.18	PPBV	90
20) FREON 113	6.78	151	1858262	22.64	PPBV	97
21) TRANS-1,2-DICHLOROETHYLENE	7.44	96	871227	25.21	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.60	59	1301937m	29.56	PPBV	
23) METHYL TERTIARY BUTYL ETHE	7.73	73	1848932	26.27	PPBV	99
24) TETRAHYDROFURAN	9.17	42	588515	25.77	PPBV	98
25) HEXANE	8.62	57	913450	16.95	PPBV	96
26) VINYL ACETATE	7.80	43	1171929	26.54	PPBV	98
27) 1,1-DICHLOROETHANE	7.65	63	1381252	23.35	PPBV	100
28) METHYL ETHYL KETONE	8.08	43	1040611	25.24	PPBV	98
29) cis-1,2-DICHLOROETHYLENE	8.45	96	839104	24.98	PPBV	99
30) ETHYL ACETATE	8.70	43	1155258	26.17	PPBV	100
31) CHLOROFORM	8.75	83	1854338	21.81	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.68	97	2134366	23.65	PPBV	99
33) CARBON TETRACHLORIDE	10.25	117	2542454	24.00	PPBV	99
34) 1,2-DICHLOROETHANE	9.46	62	1079562	23.67	PPBV	100
36) BENZENE	10.12	78	2099939	25.91	PPBV	100
37) CYCLOHEXANE	10.36	84	999766	27.50	PPBV	98
38) TRICHLOROETHYLENE	11.12	95	1051564	23.94	PPBV	98
39) 1,2-DICHLOROPROPANE	10.90	63	691249	24.35	PPBV	100
40) BROMODICHLOROMETHANE	11.10	83	1791169	24.00	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	3118326	25.76	PPBV	99
42) 1,4-DIOXANE	11.18	88	399502	34.03	PPBV	94
43) HEPTANE	11.36	43	1000352	25.05	PPBV	97

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10585.D
Acq On : 7 Jun 2007 2:55 pm
Operator : danat
Sample : ic548-20 (m109)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 15:59:11 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 14:29:16 2007
Response via : Initial Calibration

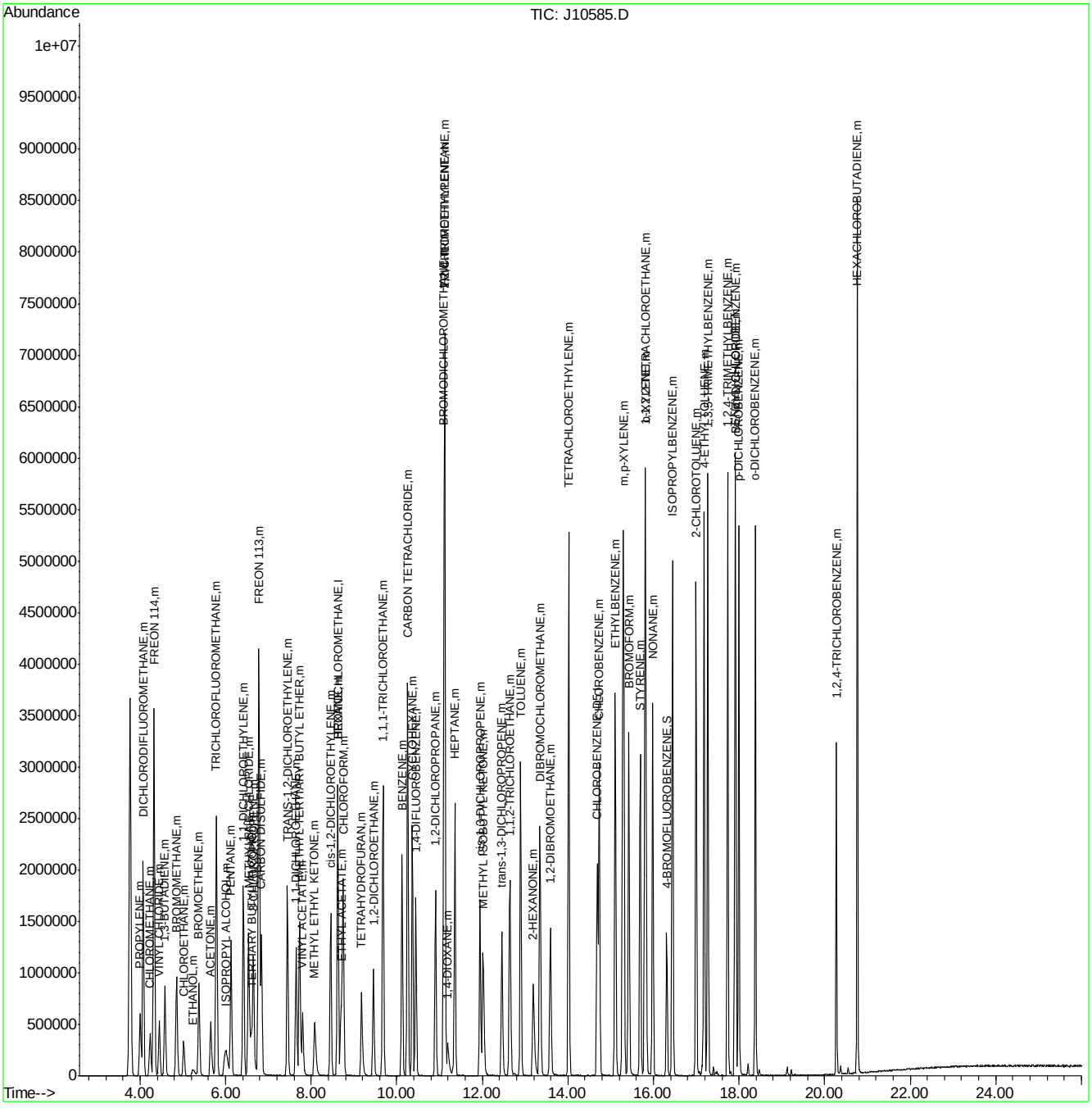
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.02	43	1266551	28.97	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.94	75	1109246	31.95	PPBV	99
46) TOLUENE	12.90	92	1527632	28.95	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.46	75	1085322	37.01	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.64	83	748631	25.23	PPBV	100
50) 2-HEXANONE	13.19	43	1079218	33.77	PPBV	98
51) TETRACHLOROETHYLENE	14.02	164	1351499	24.96	PPBV	100
52) DIBROMOCHLOROMETHANE	13.34	129	1940514	25.62	PPBV	100
53) 1,2-DIBROMOETHANE	13.59	107	1454896	28.63	PPBV	100
54) CHLOROBENZENE	14.73	112	2158961	26.72	PPBV	99
55) ETHYLBENZENE	15.10	91	3430834	30.65	PPBV	100
56) m,p-XYLENE	15.30	106	2777762	63.17	PPBV	98
57) o-XYLENE	15.80	106	1418743	31.41	PPBV	99
58) STYRENE	15.69	104	2016749	43.29	PPBV	100
59) NONANE	15.98	43	1427332	28.66	PPBV	99
60) BROMOFORM	15.42	173	2112670m	30.06	PPBV	
62) 1,1,2,2-TETRACHLOROETHANE	15.82	83	1951246	26.42	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	4108590	31.39	PPBV	99
64) 2-CHLOROTOLUENE	17.00	91	2940168	33.50	PPBV	99
65) 4-ETHYLTOLUENE	17.18	105	3904250	38.55	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.27	105	3523200	34.57	PPBV	100
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	3326863	37.70	PPBV	99
68) m-DICHLOROBENZENE	17.92	146	2404313	39.44	PPBV	100
69) BENZYL CHLORIDE	17.90	91	2000974	48.84	PPBV	99
70) p-DICHLOROBENZENE	17.99	146	2277219	42.65	PPBV	99
71) o-DICHLOROBENZENE	18.38	146	2224278	37.10	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	1457697	23.53	PPBV	100
73) 1,2,4-TRICHLOROBENZENE	20.27	180	897311	48.36	PPBV	100

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10585.D
Acq On : 7 Jun 2007 2:55 pm
Operator : danat
Sample : ic548-20 (m109)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 15:59:11 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 14:29:16 2007
Response via : Initial Calibration

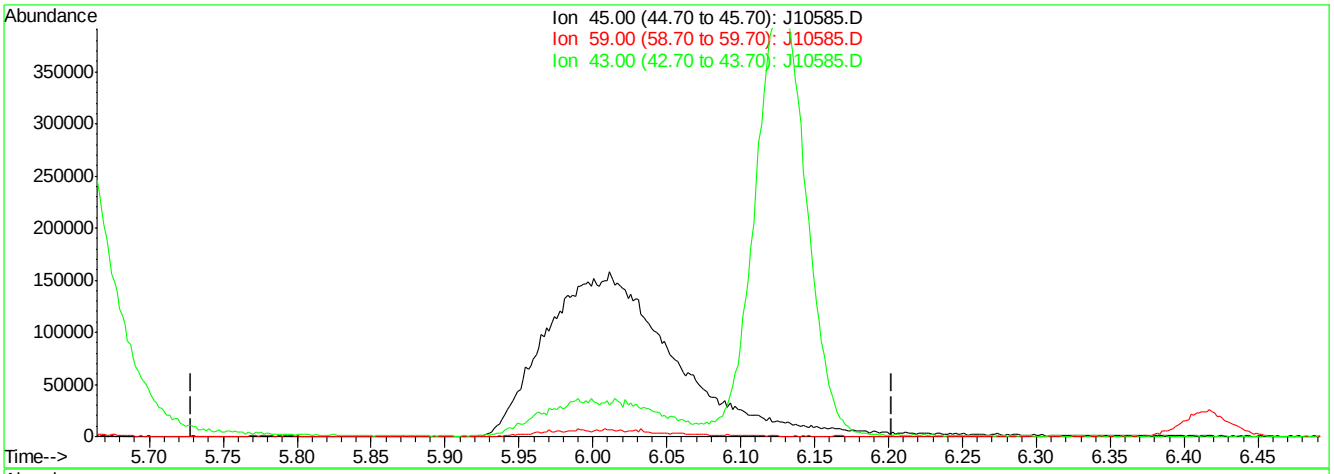


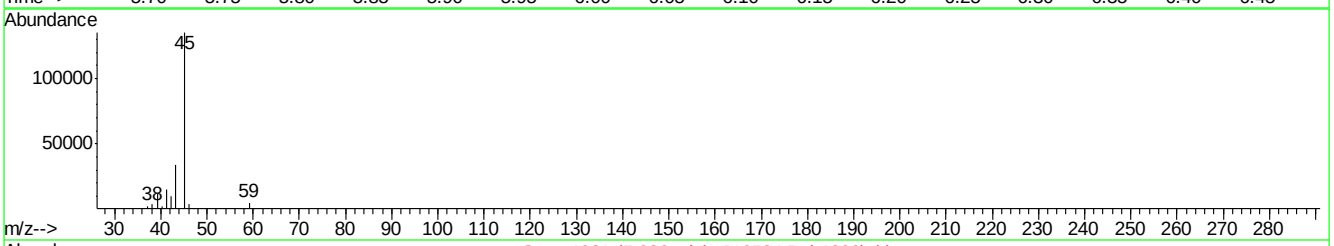
Quantitation Report (Qedit)

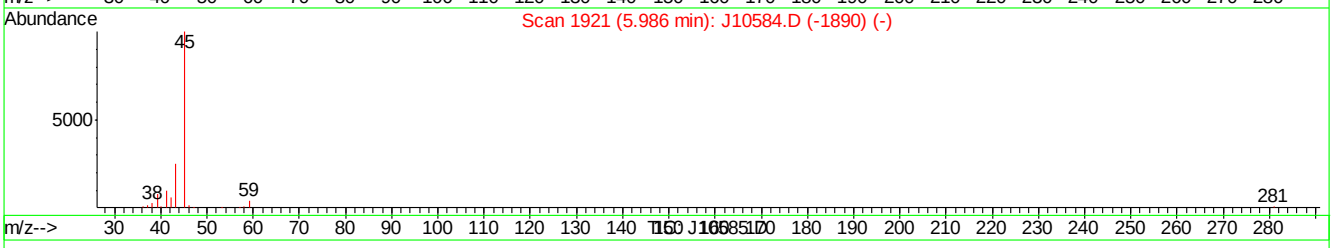
Data File : C:\MSDChem\1\data\J10585.D Vial: 2
Acq On : 7 Jun 2007 2:55 pm Operator: danat
Sample : ic548-20 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 15:57:21 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 14:29:16 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

5.99min 0.00PPBV

response 0

Ion	Exp%	Act%
45.00	100	0.00
59.00	4.00	0.00
43.00	24.90	0.00#
0.00	0.00	0.00

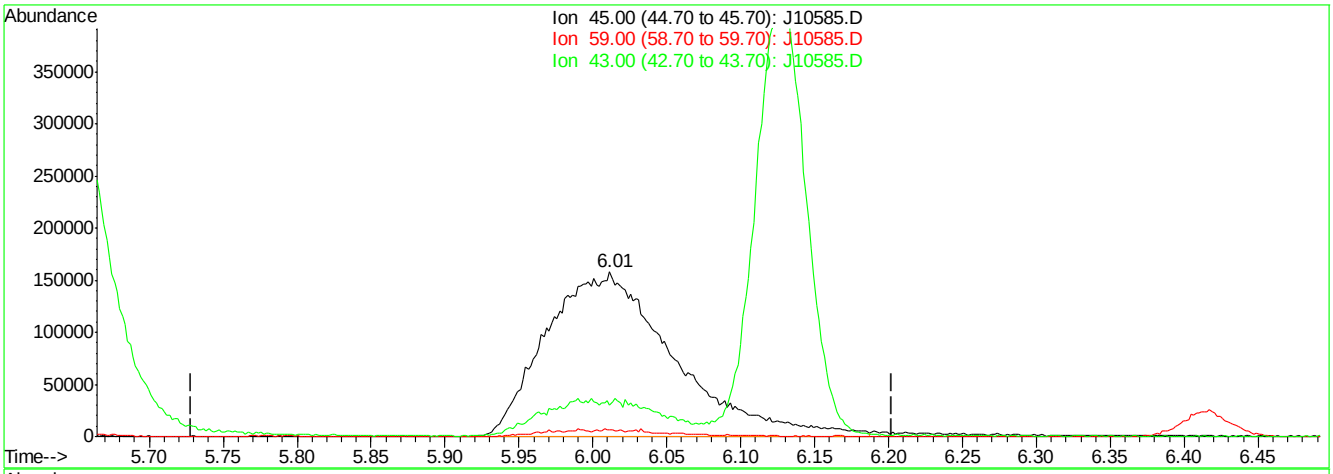
J10585.D J060707T.M Thu Jun 07 15:57:54 2007

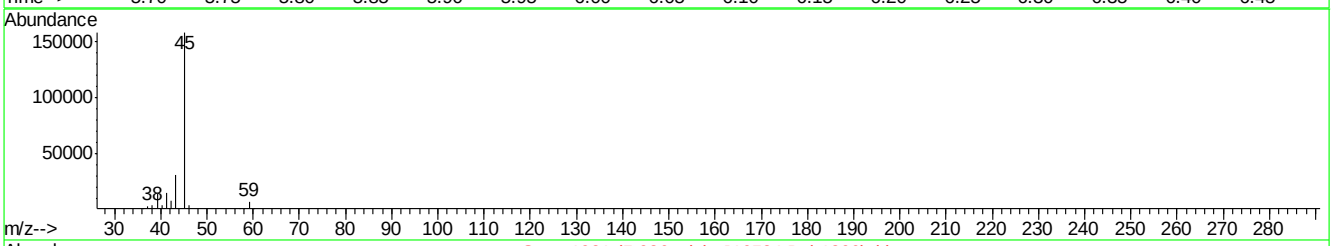
Quantitation Report (Qedit)

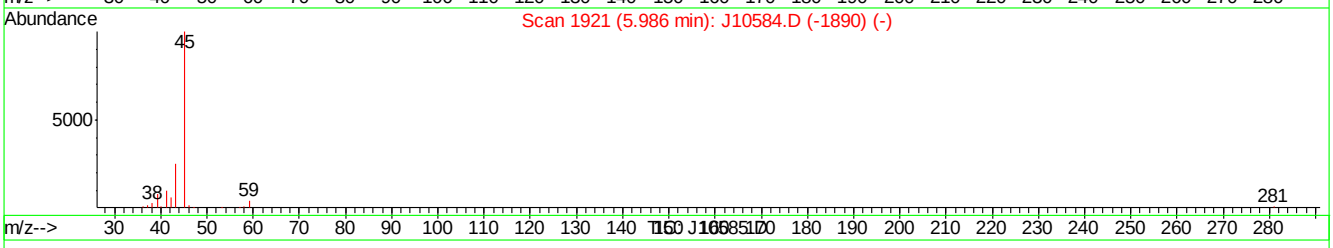
Data File : C:\MSDChem\1\data\J10585.D Vial: 2
Acq On : 7 Jun 2007 2:55 pm Operator: danat
Sample : ic548-20 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 15:57:21 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 14:29:16 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.01min 23.81PPBV m

response 944953

Ion	Exp%	Act%
45.00	100	100
59.00	4.00	4.26
43.00	24.90	19.21
0.00	0.00	0.00

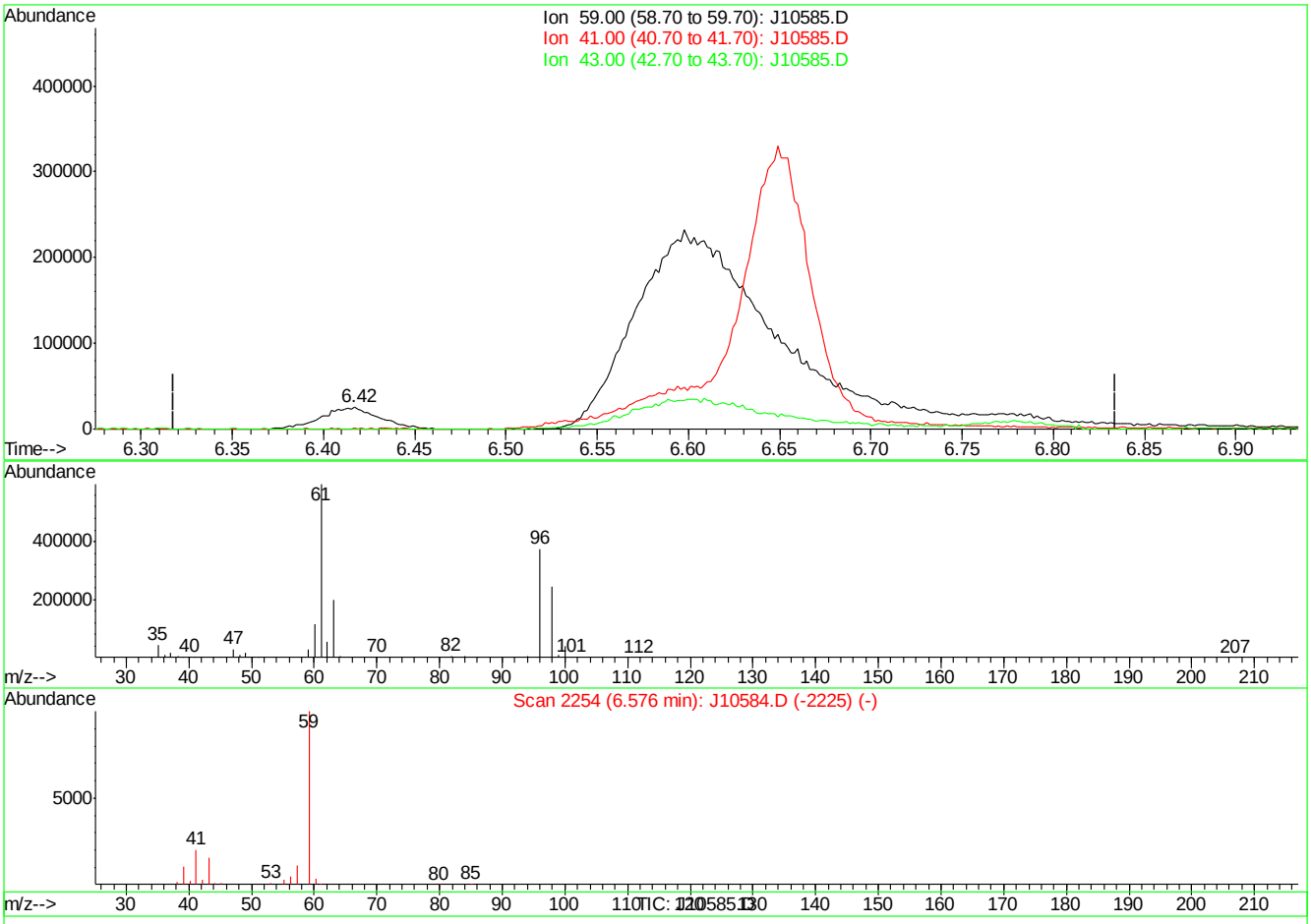
J10585.D J060707T.M Thu Jun 07 15:58:00 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10585.D Vial: 2
Acq On : 7 Jun 2007 2:55 pm Operator: danat
Sample : ic548-20 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 15:57:21 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 14:29:16 2007
Response via : Multiple Level Calibration



(22) TERTIARY BUTYL ALCOHOL (m)

6.42min 1.27PPBV

response 55937

Ion	Exp%	Act%
59.00	100	100
41.00	18.10	0.00
43.00	16.70	0.00
0.00	0.00	0.00

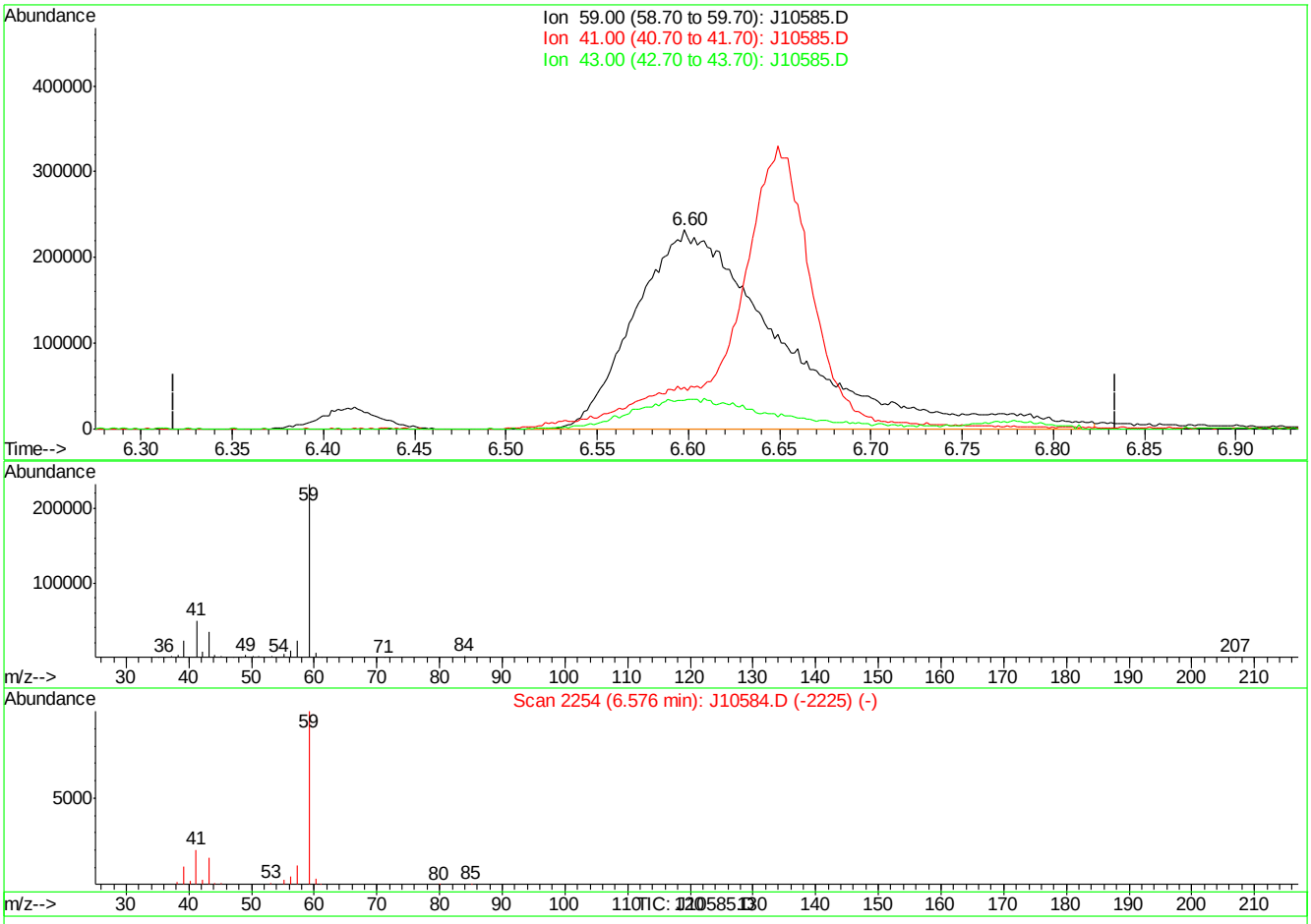
J10585.D J060707T.M Thu Jun 07 15:58:12 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10585.D Vial: 2
Acq On : 7 Jun 2007 2:55 pm Operator: danat
Sample : ic548-20 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 15:57:21 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 14:29:16 2007
Response via : Multiple Level Calibration



(22) TERTIARY BUTYL ALCOHOL (m)

6.60min 29.56PPBV m

response 1301937

Ion	Exp%	Act%
59.00	100	100
41.00	18.10	0.00
43.00	16.70	0.00
0.00	0.00	0.00

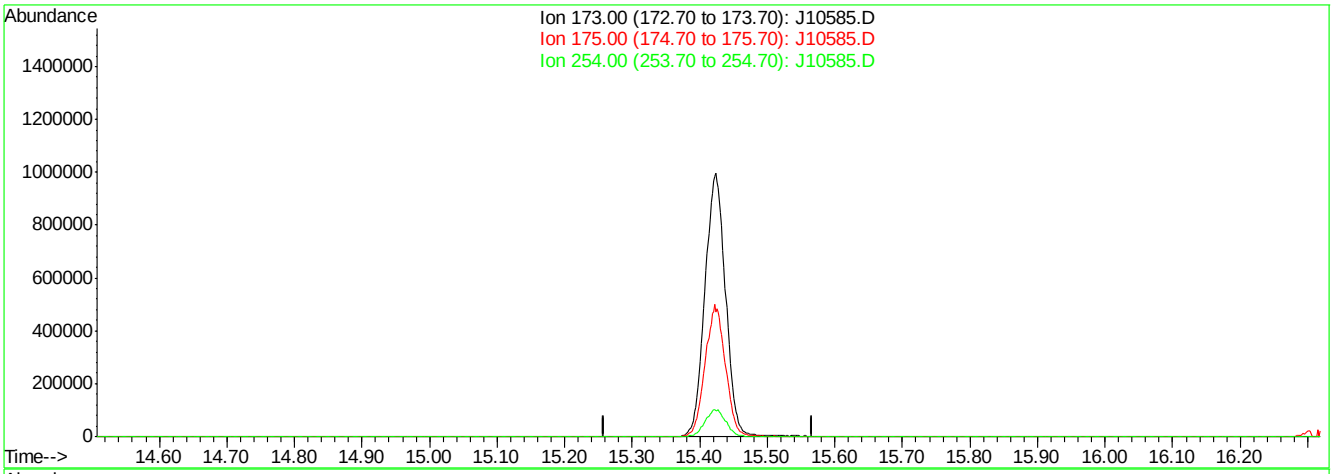
J10585.D J060707T.M Thu Jun 07 15:58:20 2007

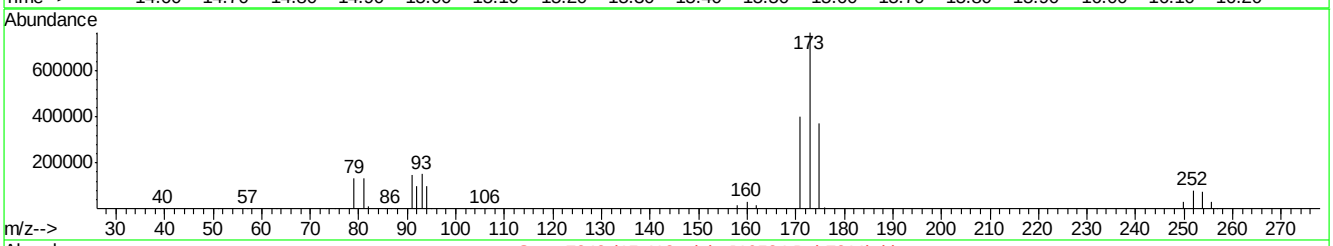
Quantitation Report (Qedit)

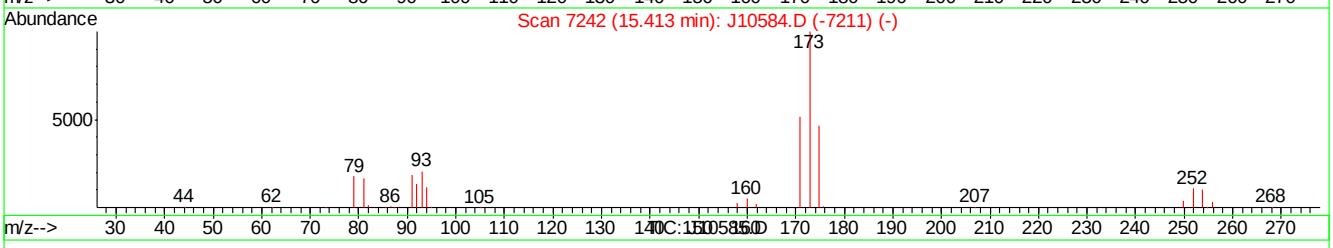
Data File : C:\MSDChem\1\data\J10585.D Vial: 2
Acq On : 7 Jun 2007 2:55 pm Operator: danat
Sample : ic548-20 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 15:57:21 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 14:29:16 2007
Response via : Multiple Level Calibration







(60) BROMOFORM (m)

15.41min 0.00PPBV

response 0

Ion	Exp%	Act%
173.00	100	0.00
175.00	48.90	0.00#
254.00	10.20	0.00
0.00	0.00	0.00

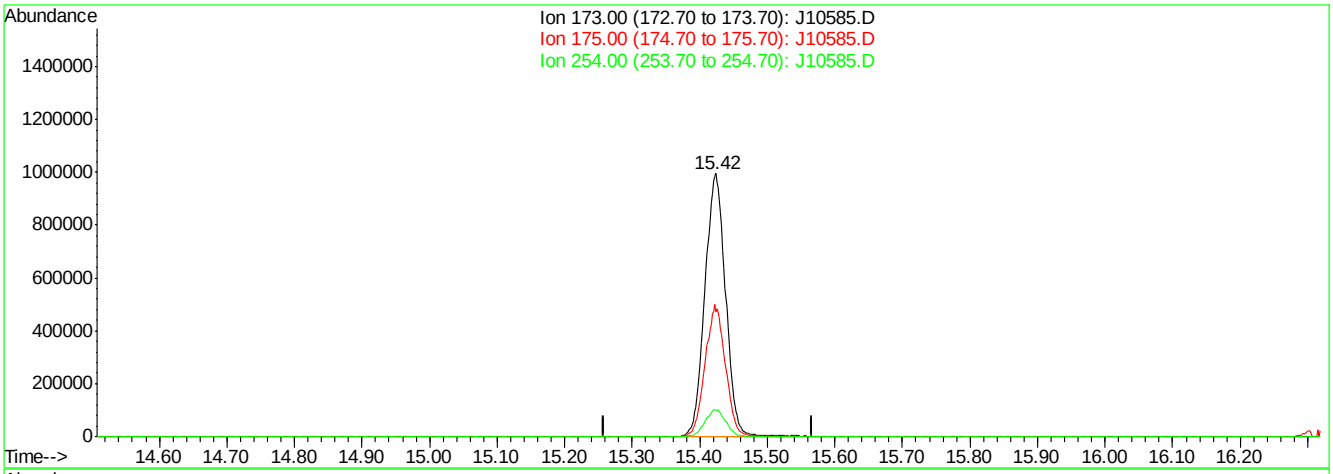
J10585.D J060707T.M Thu Jun 07 15:58:53 2007

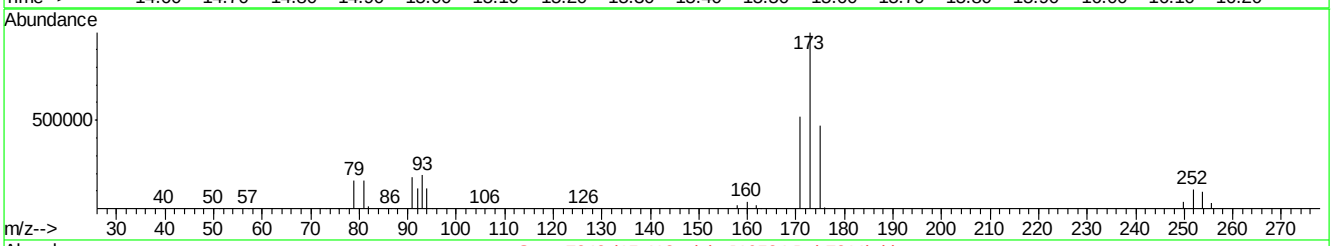
Quantitation Report (Qedit)

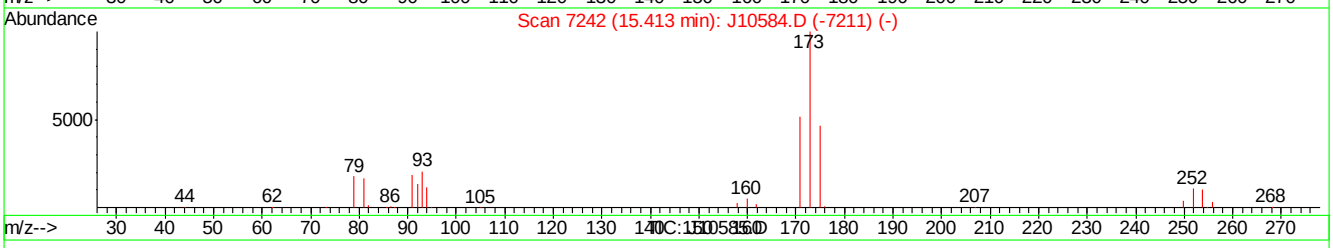
Data File : C:\MSDChem\1\data\J10585.D Vial: 2
Acq On : 7 Jun 2007 2:55 pm Operator: danat
Sample : ic548-20 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 15:57:21 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 14:29:16 2007
Response via : Multiple Level Calibration







(60) BROMOFORM (m)

15.42min 30.06PPBV m

response 2112670

Ion	Exp%	Act%
173.00	100	100
175.00	48.90	0.00#
254.00	10.20	0.00
0.00	0.00	0.00

J10585.D J060707T.M Thu Jun 07 15:58:59 2007

J10586.D

Manual Integrations APPROVED (compounds with "m" flag)

Philip Bassignani 06/18/07 11:53

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10586.D
Acq On : 7 Jun 2007 3:51 pm
Operator : danat
Sample : ic548-40 (m109)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 16:28:58 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:02:32 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	370314	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.45	114	1649653	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.68	117	1530293	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.31	95	520276	5.72	PPBV	0.01
Spiked Amount 5.000	Range 51 - 142		Recovery = 114.40%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.06	85	5506566	43.01	PPBV	99
3) PROPYLENE	3.99	41	953810	42.77	PPBV	97
4) FREON 114	4.32	85	5219925	44.46	PPBV	97
5) CHLOROMETHANE	4.22	50	1288539	41.48	PPBV	99
6) VINYL CHLORIDE	4.44	62	1615415	44.79	PPBV	98
7) 1,3-BUTADIENE	4.57	39	1127742	46.15	PPBV	95
8) BROMOMETHANE	4.85	94	1898818	46.48	PPBV	99
9) CHLOROETHANE	5.01	64	797515	48.91	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.77	101	5899376	45.18	PPBV	100
11) ISOPROPYL ALCOHOL	5.99	45	2099386m	51.38	PPBV	
12) ACETONE	5.64	43	2016142	40.21	PPBV	99
13) PENTANE	6.12	42	1276832	41.05	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.40	96	1931524	51.53	PPBV	93
15) CARBON DISULFIDE	6.83	76	4985551	42.86	PPBV	99
16) ETHANOL	5.21	45	382215	51.37	PPBV	71
17) BROMOETHENE	5.37	106	1964700	52.13	PPBV	99
18) METHYLENE CHLORIDE	6.53	84	1749905	43.15	PPBV	94
19) 3-CHLOROPROPENE	6.64	39	1269985	49.81	PPBV	95
20) FREON 113	6.77	151	4061818	48.53	PPBV	95
21) TRANS-1,2-DICHLOROETHYLENE	7.44	96	1879169	52.23	PPBV	94
22) TERTIARY BUTYL ALCOHOL	6.58	59	1741714	26.48	PPBV	96
23) METHYL TERTIARY BUTYL ETHE	7.72	73	4157607	56.26	PPBV	98
24) TETRAHYDROFURAN	9.16	42	1311481	54.42	PPBV	96
25) HEXANE	8.62	57	1884525	41.76	PPBV	95
26) VINYL ACETATE	7.79	43	2572486	54.81	PPBV	97
27) 1,1-DICHLOROETHANE	7.64	63	2953957	48.70	PPBV	99
28) METHYL ETHYL KETONE	8.07	43	2234297	52.05	PPBV	97
29) cis-1,2-DICHLOROETHYLENE	8.45	96	1879081	53.84	PPBV	96
30) ETHYL ACETATE	8.69	43	2446391	52.82	PPBV	99
31) CHLOROFORM	8.74	83	4018522	46.67	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.68	97	4653908	50.16	PPBV	99
33) CARBON TETRACHLORIDE	10.25	117	5533960	50.67	PPBV	99
34) 1,2-DICHLOROETHANE	9.45	62	2470131	52.67	PPBV	99
36) BENZENE	10.12	78	4837089	56.28	PPBV	100
37) CYCLOHEXANE	10.36	84	2139280	54.79	PPBV	96
38) TRICHLOROETHYLENE	11.12	95	2368140	51.64	PPBV	94
39) 1,2-DICHLOROPROPANE	10.90	63	1583943	53.27	PPBV	99
40) BROMODICHLOROMETHANE	11.10	83	4053697	52.01	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	6454898	50.34	PPBV	97
42) 1,4-DIOXANE	11.18	88	899668	43.79	PPBV	95
43) HEPTANE	11.36	43	2180959	51.85	PPBV	95

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10586.D
Acq On : 7 Jun 2007 3:51 pm
Operator : danat
Sample : ic548-40 (m109)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 16:28:58 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:02:32 2007
Response via : Initial Calibration

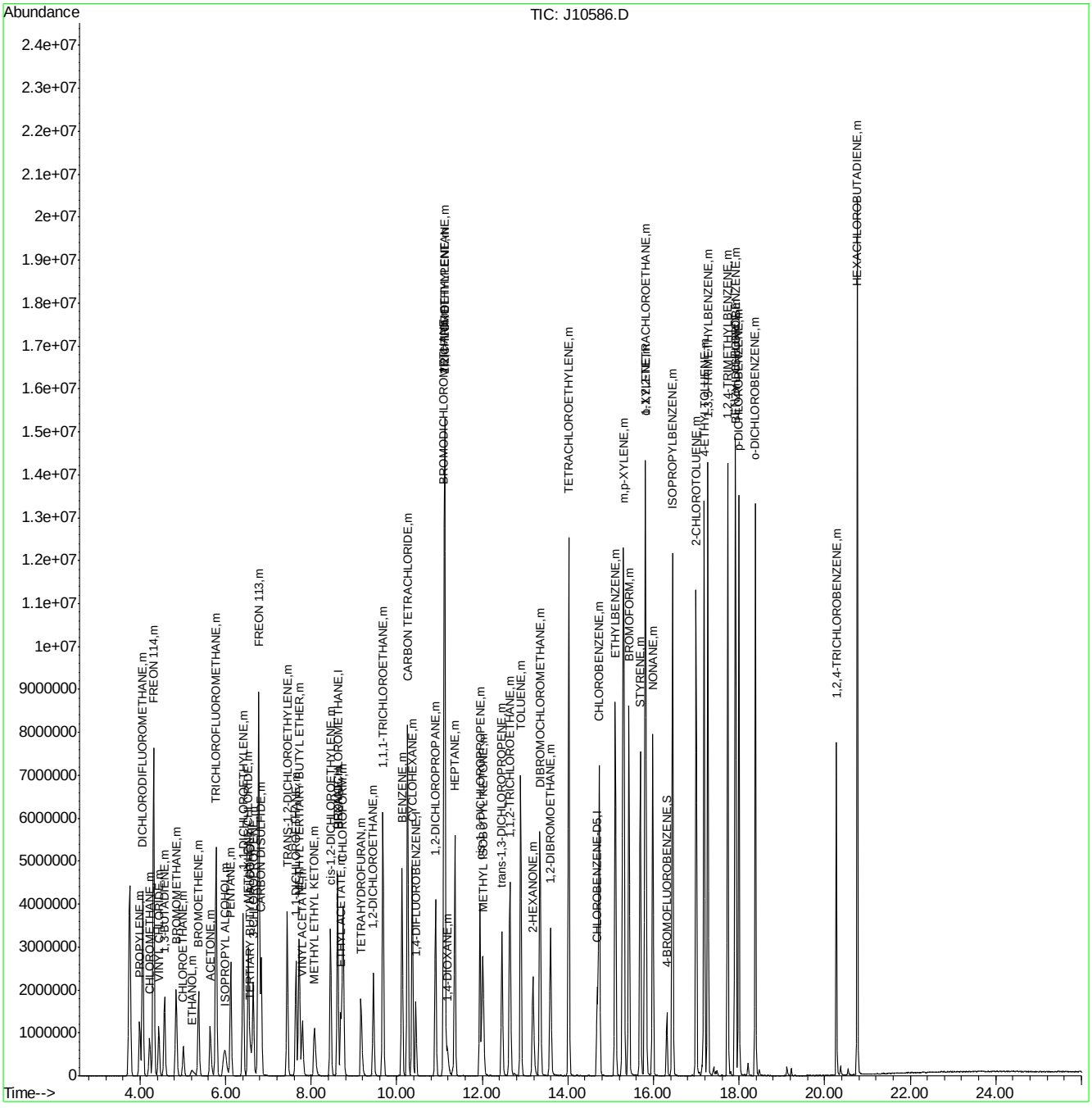
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	2898628	45.08	PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.95	75	2598251	45.77	PPBV	99
46) TOLUENE	12.90	92	3571070	45.73	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.46	75	2568983	39.15	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.64	83	1723872	55.08	PPBV	100
50) 2-HEXANONE	13.18	43	2488622	45.33	PPBV	96
51) TETRACHLOROETHYLENE	14.02	164	3258131	57.55	PPBV	100
52) DIBROMOCHLOROMETHANE	13.35	129	4525133	56.84	PPBV	99
53) 1,2-DIBROMOETHANE	13.59	107	3436834m	62.82	PPBV	
54) CHLOROBENZENE	14.73	112	5130003	59.88	PPBV	98
55) ETHYLBENZENE	15.11	91	8057233	46.15	PPBV	99
56) m,p-XYLENE	15.30	106	6516820	92.32	PPBV	100
57) o-XYLENE	15.80	106	3351720	46.45	PPBV	97
58) STYRENE	15.69	104	4879823	38.30	PPBV	99
59) NONANE	15.98	43	3099225	42.71	PPBV	96
60) BROMOFORM	15.43	173	5141913	48.14	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.82	83	4394440m	56.25	PPBV	
63) ISOPROPYLBENZENE	16.44	105	9696524	46.53	PPBV	99
64) 2-CHLOROTOLUENE	17.00	91	6886897	46.07	PPBV	97
65) 4-ETHYLTOLUENE	17.18	105	9352371	47.36	PPBV	97
66) 1,3,5-TRIMETHYLBENZENE	17.27	105	8402143	47.19	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.74	105	8116398	48.09	PPBV	98
68) m-DICHLOROBENZENE	17.92	146	5994958	48.84	PPBV	99
69) BENZYL CHLORIDE	17.90	91	5034226	41.95	PPBV	98
70) p-DICHLOROBENZENE	18.00	146	5672977	48.65	PPBV	99
71) o-DICHLOROBENZENE	18.38	146	5496964	48.31	PPBV	100
72) HEXACHLOROBUTADIENE	20.76	225	3552393	55.47	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	2163377	42.16	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10586.D
Acq On : 7 Jun 2007 3:51 pm
Operator : danat
Sample : ic548-40 (m109)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 16:28:58 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:02:32 2007
Response via : Initial Calibration

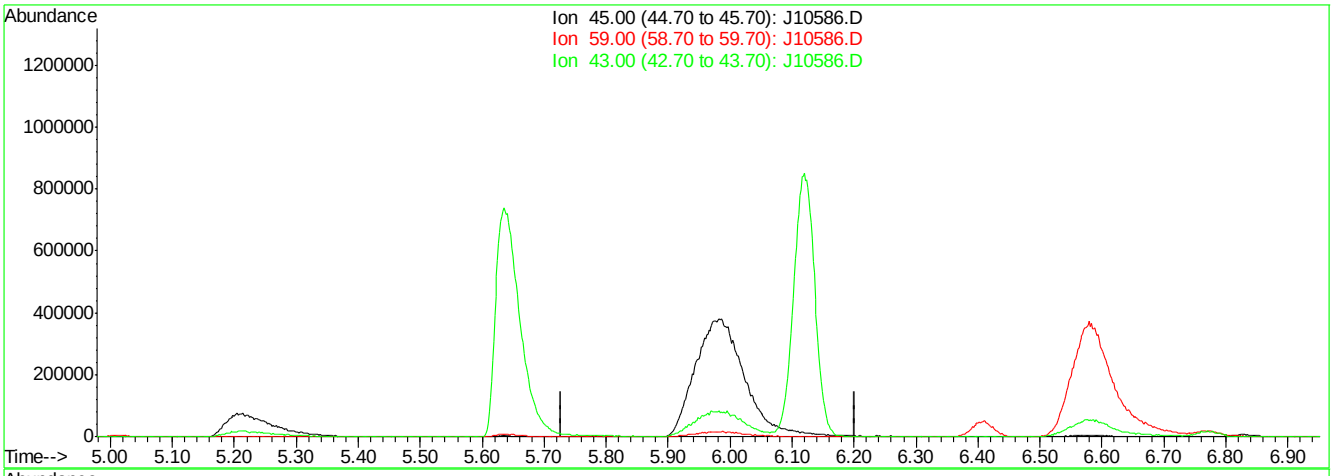


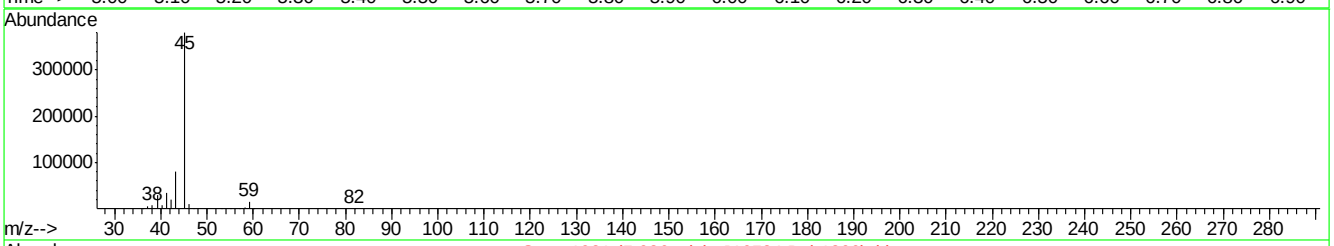
Quantitation Report (Qedit)

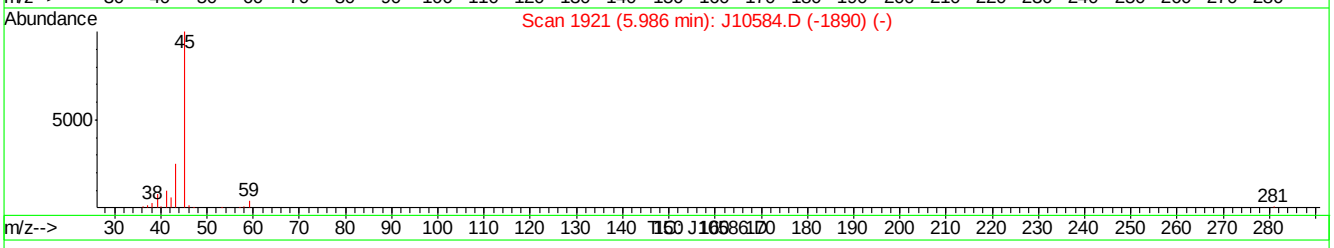
Data File : C:\MSDChem\1\data\J10586.D Vial: 2
Acq On : 7 Jun 2007 3:51 pm Operator: danat
Sample : ic548-40 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 16:27:22 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:02:32 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

5.99min 0.00PPBV

response 0

Ion	Exp%	Act%
45.00	100	0.00
59.00	4.00	0.00
43.00	24.90	0.00#
0.00	0.00	0.00

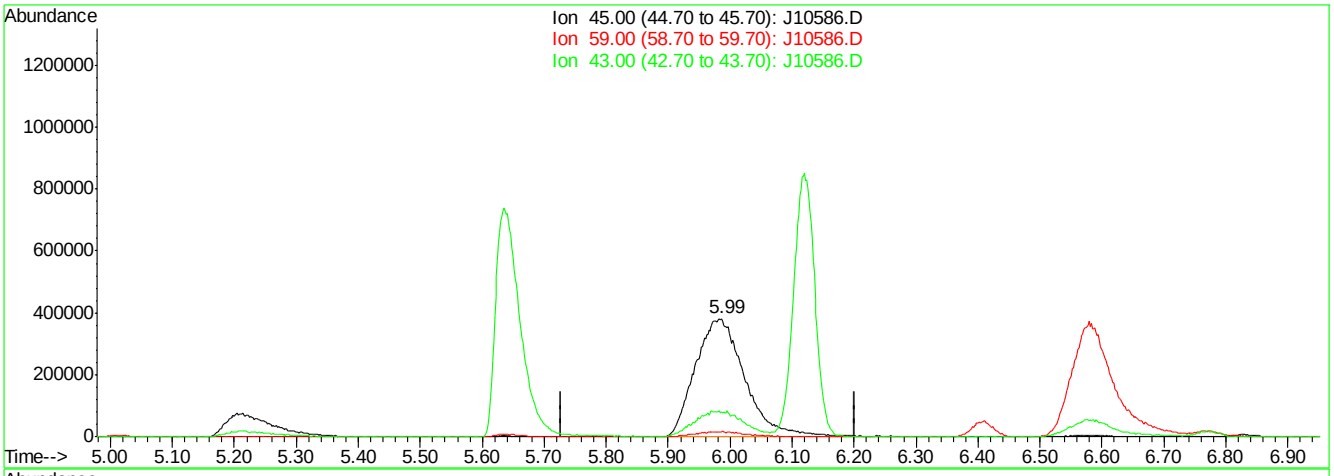
J10586.D J060707T.M Thu Jun 07 16:27:48 2007

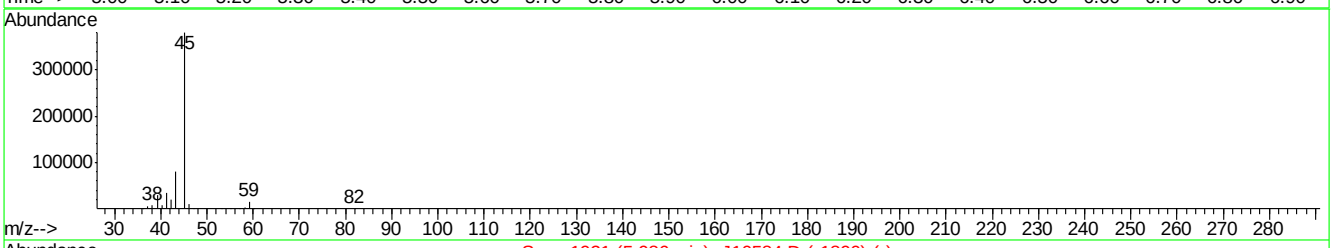
Quantitation Report (Qedit)

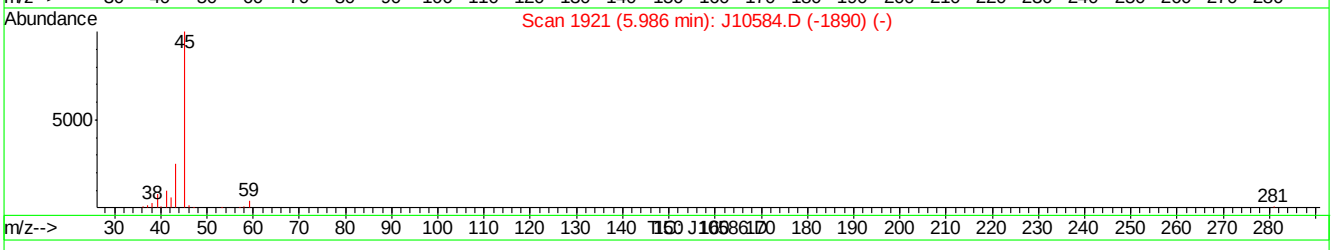
Data File : C:\MSDChem\1\data\J10586.D Vial: 2
Acq On : 7 Jun 2007 3:51 pm Operator: danat
Sample : ic548-40 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 16:27:22 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:02:32 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

5.99min 51.38PPBV m

response 2099386

Ion	Exp%	Act%
45.00	100	100
59.00	4.00	3.95
43.00	24.90	21.12
0.00	0.00	0.00

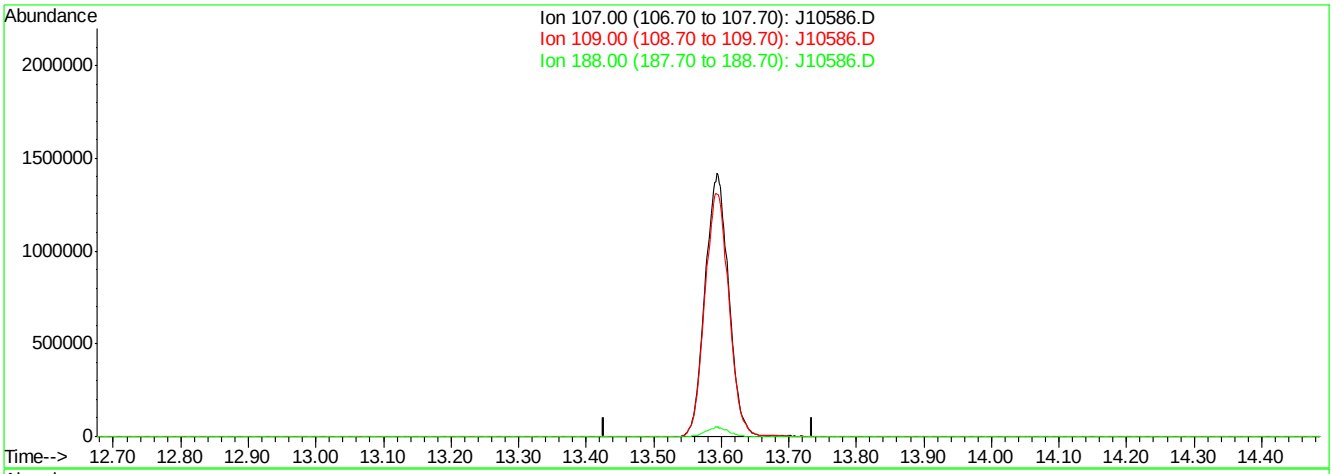
J10586.D J060707T.M Thu Jun 07 16:27:53 2007

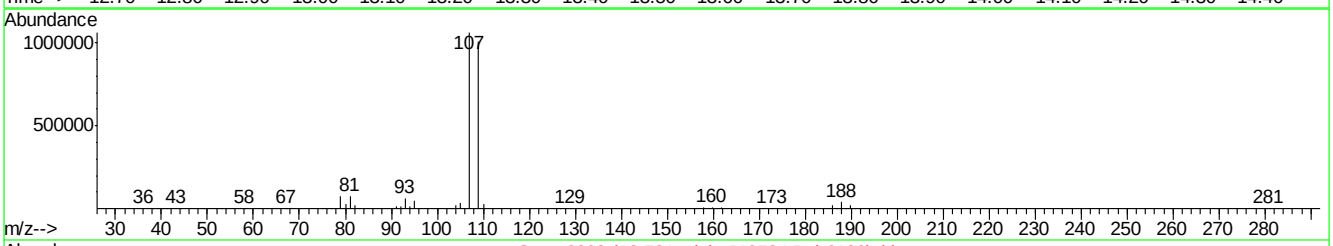
Quantitation Report (Qedit)

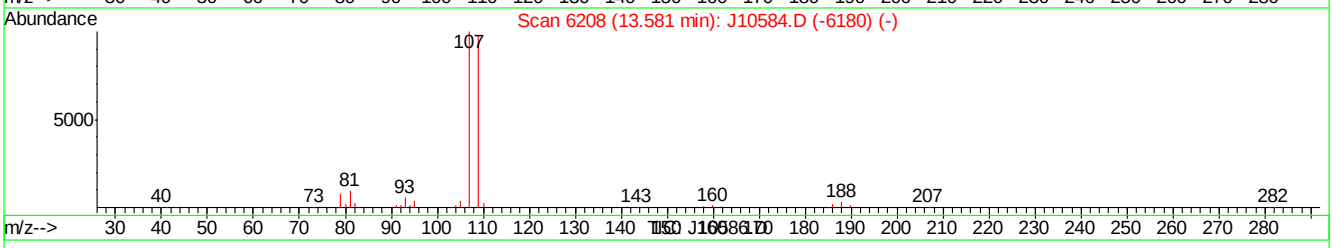
Data File : C:\MSDChem\1\data\J10586.D Vial: 2
Acq On : 7 Jun 2007 3:51 pm Operator: danat
Sample : ic548-40 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 16:27:22 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:02:32 2007
Response via : Multiple Level Calibration







(53) 1,2-DIBROMOETHANE (m)

13.58min 0.00PPBV

response 0

Ion	Exp%	Act%
107.00	100	0.00
109.00	94.40	0.00#
188.00	3.30	0.00
0.00	0.00	0.00

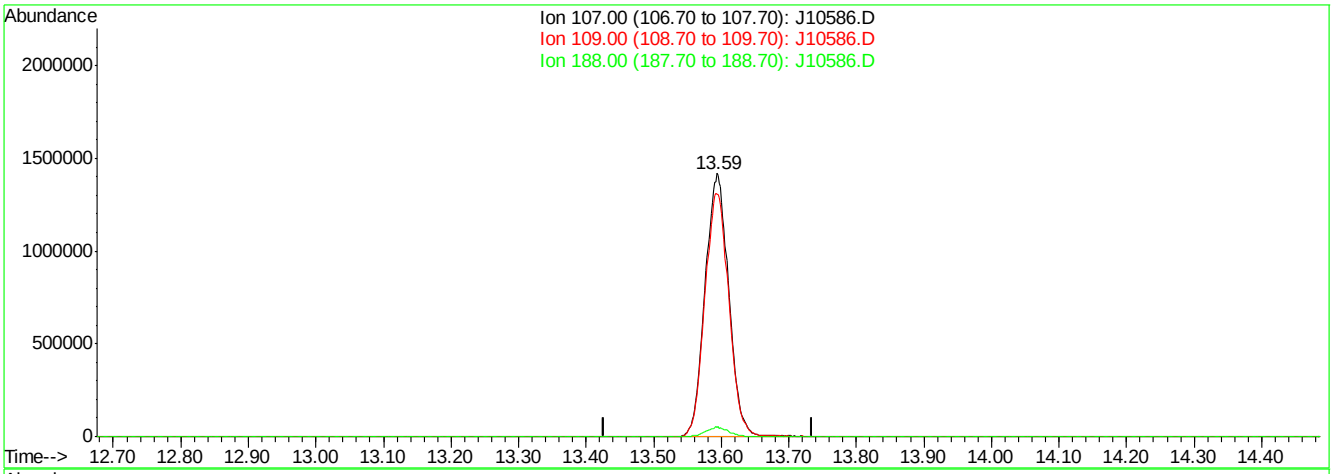
J10586.D J060707T.M Thu Jun 07 16:28:30 2007

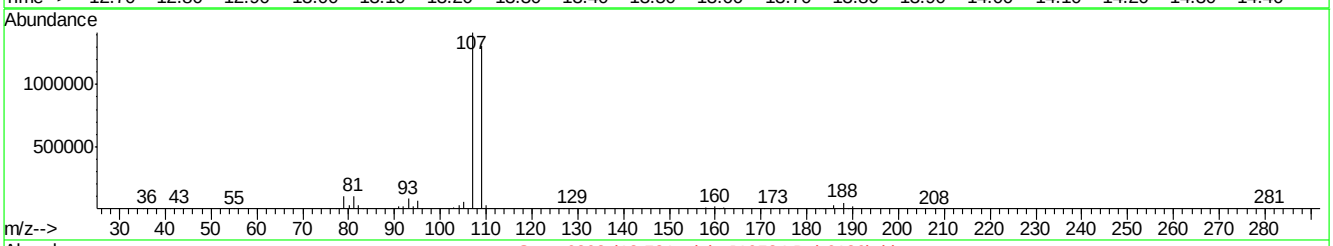
Quantitation Report (Qedit)

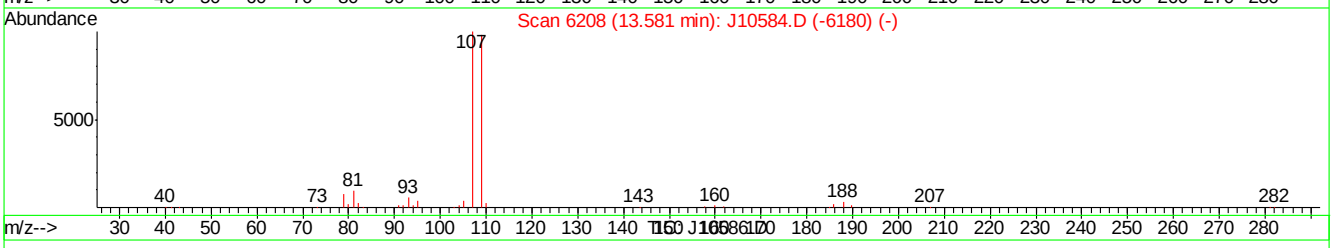
Data File : C:\MSDChem\1\data\J10586.D Vial: 2
Acq On : 7 Jun 2007 3:51 pm Operator: danat
Sample : ic548-40 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 16:27:22 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:02:32 2007
Response via : Multiple Level Calibration







(53) 1,2-DIBROMOETHANE (m)

13.59min 62.82PPBV m

response 3436834

Ion	Exp%	Act%
107.00	100	100
109.00	94.40	0.00#
188.00	3.30	0.00
0.00	0.00	0.00

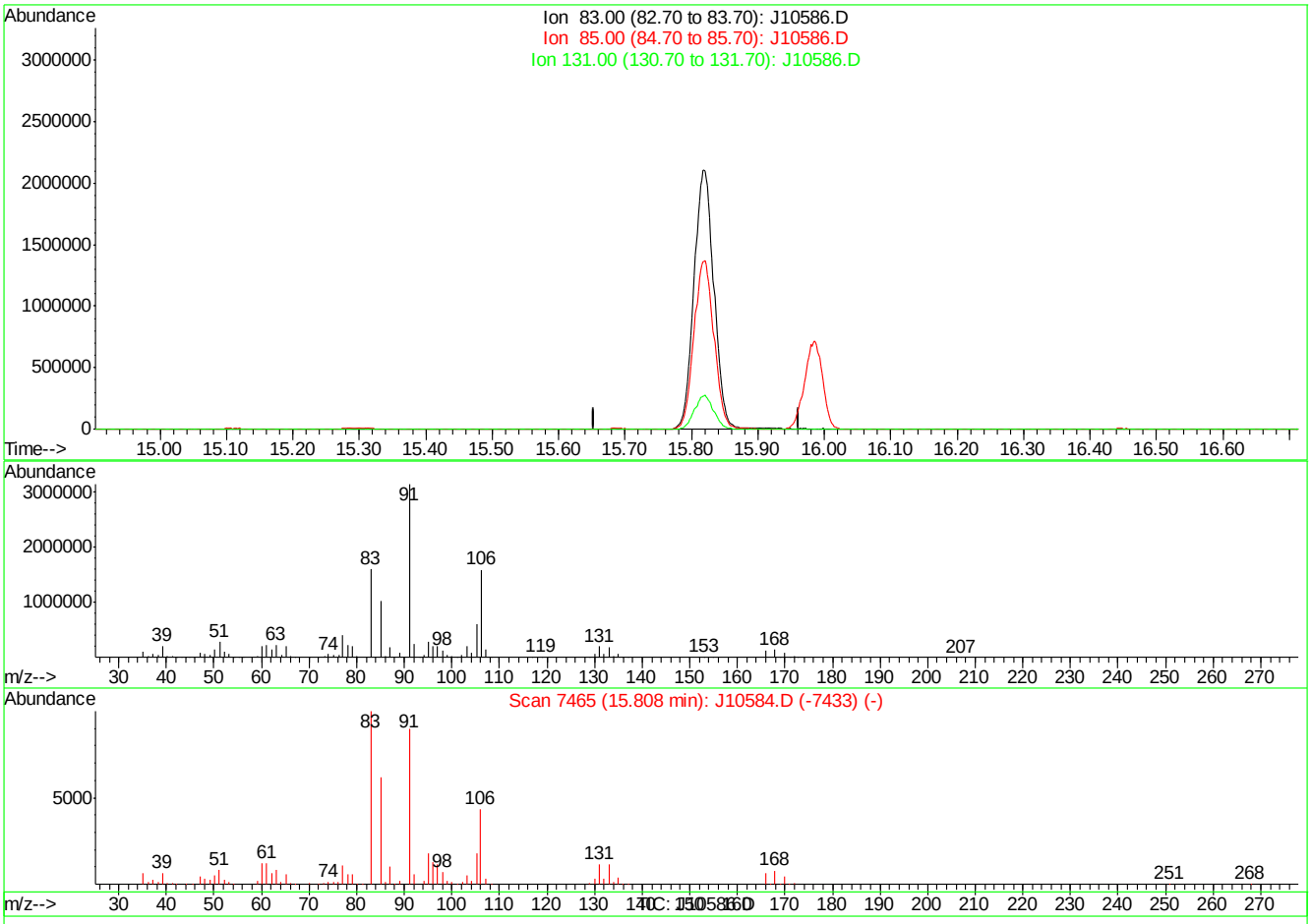
J10586.D J060707T.M Thu Jun 07 16:28:34 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10586.D Vial: 2
Acq On : 7 Jun 2007 3:51 pm Operator: danat
Sample : ic548-40 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 16:27:22 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:02:32 2007
Response via : Multiple Level Calibration



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

15.81min 0.00PPBV

response 0

Ion	Exp%	Act%
83.00	100	0.00
85.00	64.40	0.00#
131.00	11.80	0.00
0.00	0.00	0.00

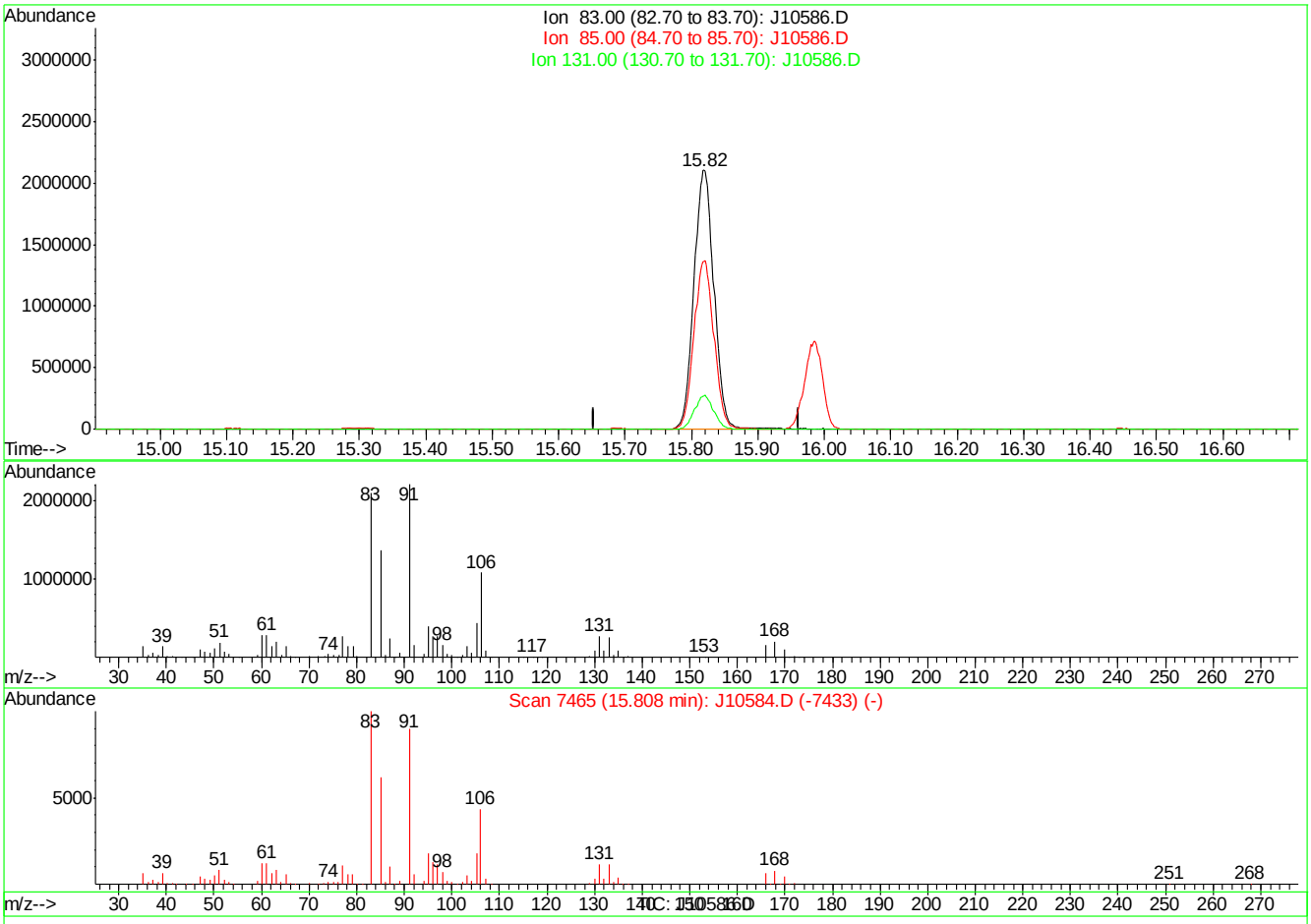
J10586.D J060707T.M Thu Jun 07 16:28:43 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10586.D Vial: 2
Acq On : 7 Jun 2007 3:51 pm Operator: danat
Sample : ic548-40 (m109) Inst : MSJ
Misc : MS13684, MSJ548,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 07 16:27:22 2007 Results File: J060707T.RES

Method : C:\MSDCHEM\1\METHODS\J060707T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 07 16:02:32 2007
Response via : Multiple Level Calibration



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

15.82min 56.25PPBV m

response 4394440

Ion	Exp%	Act%
83.00	100	100
85.00	64.40	0.00#
131.00	11.80	0.00
0.00	0.00	0.00

J10586.D J060707T.M Thu Jun 07 16:28:48 2007

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10587a.D
Acq On : 7 Jun 2007 4:48 pm
Operator : danat
Sample : cc548-10 (m179)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 08 14:25:38 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	350642	10.00	PPBV	0.01
35) 1,4-DIFLUOROBENZENE	10.45	114	1587599	10.00	PPBV	0.01
49) CHLOROBENZENE-D5	14.68	117	1421456	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.30	95	450609	5.22	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 104.40%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.08	85	1426547	11.64	PPBV	99
3) PROPYLENE	4.01	41	248562	11.66	PPBV	99
4) FREON 114	4.34	85	1259333	11.15	PPBV	97
5) CHLOROMETHANE	4.25	50	333857	11.29	PPBV	95
6) VINYL CHLORIDE	4.46	62	402842	11.60	PPBV	98
7) 1,3-BUTADIENE	4.59	39	257681	10.90	PPBV	95
8) BROMOMETHANE	4.87	94	471517	11.91	PPBV	99
9) CHLOROETHANE	5.04	64	178112	11.18	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.80	101	1379319	10.95	PPBV	100
11) ISOPROPYL ALCOHOL	6.00	45	454536	11.29	PPBV	96
12) ACETONE	5.68	43	394366	8.30	PPBV	98
13) PENTANE	6.15	42	315604	10.68	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.43	96	419509	11.35	PPBV	93
15) CARBON DISULFIDE	6.86	76	1189650	10.69	PPBV	98
16) ETHANOL	5.25	45	76176	10.32	PPBV	94
17) BROMOETHENE	5.39	106	463711	12.45	PPBV	99
18) METHYLENE CHLORIDE	6.56	84	381515	9.44	PPBV	95
19) 3-CHLOROPROPENE	6.67	39	269309	10.78	PPBV	98
20) FREON 113	6.80	151	859659	10.53	PPBV	97
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	394964	11.11	PPBV	96
22) TERTIARY BUTYL ALCOHOL	6.61	59	624900	9.47	PPBV	91
23) METHYL TERTIARY BUTYL ETHE	7.75	73	812344	10.97	PPBV	98
24) TETRAHYDROFURAN	9.20	42	245395	10.14	PPBV	99
25) HEXANE	8.64	57	418623	9.68	PPBV	96
26) VINYL ACETATE	7.81	43	480449	10.18	PPBV	98
27) 1,1-DICHLOROETHANE	7.67	63	611703	10.33	PPBV	100
28) METHYL ETHYL KETONE	8.09	43	460474	10.86	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.47	96	372588	10.74	PPBV	98
30) ETHYL ACETATE	8.71	43	474514	10.35	PPBV	100
31) CHLOROFORM	8.76	83	828580	9.93	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.69	97	929020	10.21	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	1176378	10.96	PPBV	99
34) 1,2-DICHLOROETHANE	9.46	62	461884	9.95	PPBV	99
36) BENZENE	10.13	78	886567	10.13	PPBV	99
37) CYCLOHEXANE	10.38	84	459986	11.63	PPBV	97
38) TRICHLOROETHYLENE	11.12	95	469670	10.22	PPBV	98
39) 1,2-DICHLOROPROPANE	10.91	63	296199	9.88	PPBV	99
40) BROMODICHLOROMETHANE	11.10	83	756495	9.67	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.13	57	1422990	11.12	PPBV	99
42) 1,4-DIOXANE	11.20	88	186147	9.91	PPBV	90
43) HEPTANE	11.37	43	435119	10.31	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10587a.D
Acq On : 7 Jun 2007 4:48 pm
Operator : danat
Sample : cc548-10 (m179)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 08 14:25:38 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration

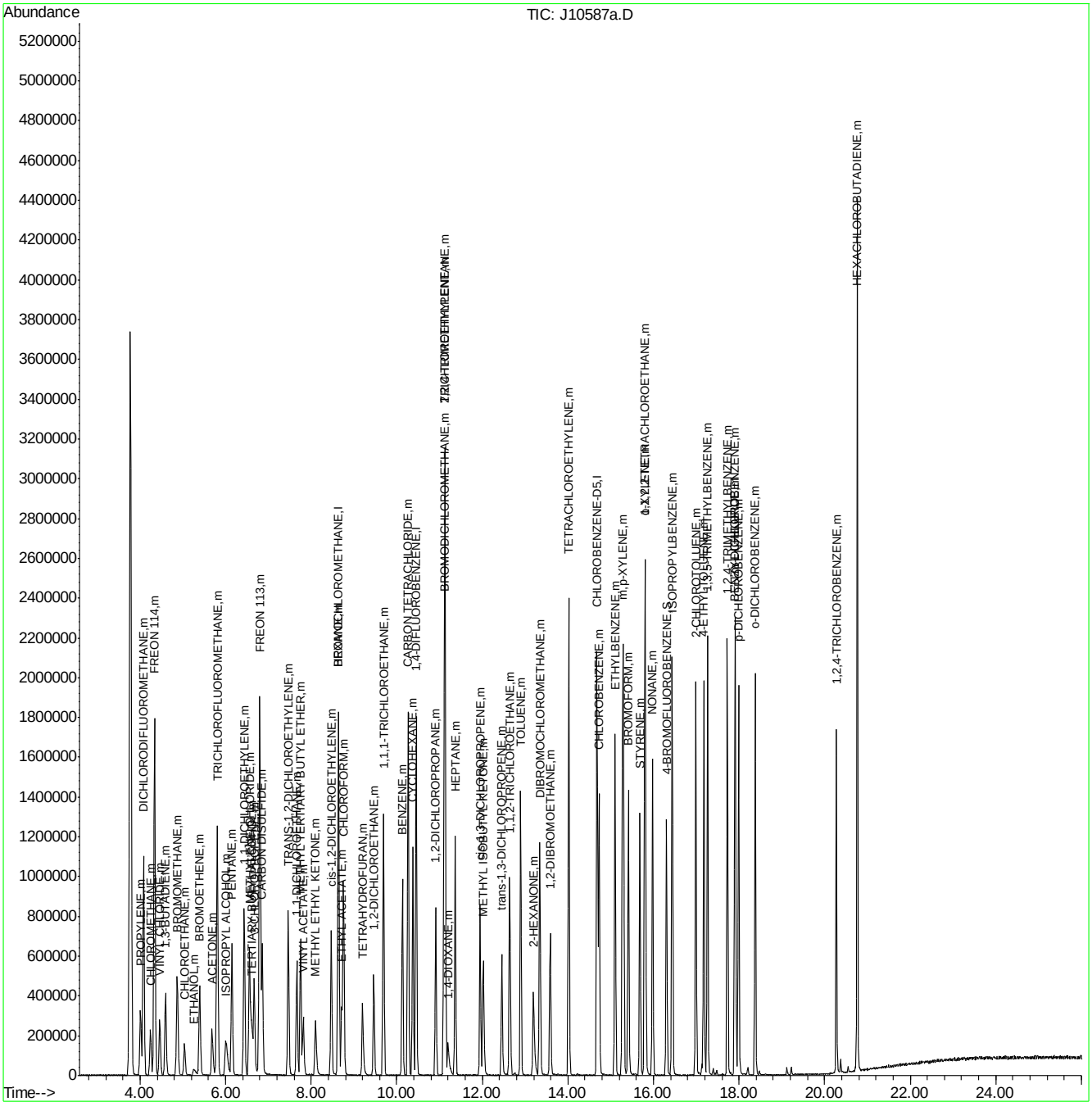
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.02	43	512900	8.29	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.95	75	483552	8.84	PPBV	97
46) TOLUENE	12.90	92	622578	8.27	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	382630	8.28	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.64	83	320127	10.09	PPBV	99
50) 2-HEXANONE	13.20	43	446755	8.77	PPBV	97
51) TETRACHLOROETHYLENE	14.02	164	583651	10.44	PPBV	99
52) DIBROMOCHLOROMETHANE	13.34	129	800412	10.21	PPBV	100
53) 1,2-DIBROMOETHANE	13.59	107	597096	8.57	PPBV	99
54) CHLOROBENZENE	14.73	112	892341	10.47	PPBV	100
55) ETHYLBENZENE	15.10	91	1366588	8.36	PPBV	100
56) m,p-XYLENE	15.29	106	1118411	16.94	PPBV	98
57) o-XYLENE	15.80	106	555234	8.23	PPBV	99
58) STYRENE	15.68	104	738273	9.16	PPBV	99
59) NONANE	15.98	43	568795	8.51	PPBV	99
60) BROMOFORM	15.41	173	807903	8.05	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.81	83	756785	9.86	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	1634872	8.38	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	1131519	8.22	PPBV	99
65) 4-ETHYLTOLUENE	17.18	105	1329590	7.49	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1280436	7.82	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	1200134	7.77	PPBV	100
68) m-DICHLOROBENZENE	17.91	146	872483	7.75	PPBV	100
69) BENZYL CHLORIDE	17.90	91	727079	9.05	PPBV	100
70) p-DICHLOROBENZENE	17.99	146	834408	7.85	PPBV	100
71) o-DICHLOROBENZENE	18.38	146	845184	8.03	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	750052	11.95	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	469259	12.03	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10587a.D
Acq On : 7 Jun 2007 4:48 pm
Operator : danat
Sample : cc548-10 (m179)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 08 14:25:38 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10587.D
Acq On : 7 Jun 2007 4:48 pm
Operator : danat
Sample : icv548-10 (m179)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 08 15:31:01 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	350642	10.00	PPBV	0.01
35) 1,4-DIFLUOROBENZENE	10.45	114	1587599	10.00	PPBV	0.01
49) CHLOROBENZENE-D5	14.68	117	1421456	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.30	95	450609	5.22	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 104.40%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.08	85	1426547	11.64	PPBV	99
3) PROPYLENE	4.01	41	248562	11.66	PPBV	99
4) FREON 114	4.34	85	1259333	11.15	PPBV	97
5) CHLOROMETHANE	4.25	50	333857	11.29	PPBV	95
6) VINYL CHLORIDE	4.46	62	402842	11.60	PPBV	98
7) 1,3-BUTADIENE	4.59	39	257681	10.90	PPBV	95
8) BROMOMETHANE	4.87	94	471517	11.91	PPBV	99
9) CHLOROETHANE	5.04	64	178112	11.18	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.80	101	1379319	10.95	PPBV	100
11) ISOPROPYL ALCOHOL	6.00	45	454536	11.29	PPBV	96
12) ACETONE	5.68	43	394366	8.30	PPBV	98
13) PENTANE	6.15	42	315604	10.68	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.43	96	419509	11.35	PPBV	93
15) CARBON DISULFIDE	6.86	76	1189650	10.69	PPBV	98
16) ETHANOL	5.25	45	76176	10.32	PPBV	94
17) BROMOETHENE	5.39	106	463711	12.45	PPBV	99
18) METHYLENE CHLORIDE	6.56	84	381515	9.44	PPBV	95
19) 3-CHLOROPROPENE	6.67	39	269309	10.78	PPBV	98
20) FREON 113	6.80	151	859659	10.53	PPBV	97
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	394964	11.11	PPBV	96
22) TERTIARY BUTYL ALCOHOL	6.61	59	624900	9.47	PPBV	91
23) METHYL TERTIARY BUTYL ETHE	7.75	73	812344	10.97	PPBV	98
24) TETRAHYDROFURAN	9.20	42	245395	10.14	PPBV	99
25) HEXANE	8.64	57	418623	9.68	PPBV	96
26) VINYL ACETATE	7.81	43	480449	10.18	PPBV	98
27) 1,1-DICHLOROETHANE	7.67	63	611703	10.33	PPBV	100
28) METHYL ETHYL KETONE	8.09	43	460474	10.86	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.47	96	372588	10.74	PPBV	98
30) ETHYL ACETATE	8.71	43	474514	10.35	PPBV	100
31) CHLOROFORM	8.76	83	828580	9.93	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.69	97	929020	10.21	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	1176378	10.96	PPBV	99
34) 1,2-DICHLOROETHANE	9.46	62	461884	9.95	PPBV	99
36) BENZENE	10.13	78	886567	10.13	PPBV	99
37) CYCLOHEXANE	10.38	84	459986	11.63	PPBV	97
38) TRICHLOROETHYLENE	11.12	95	469670	10.22	PPBV	98
39) 1,2-DICHLOROPROPANE	10.91	63	296199	9.88	PPBV	99
40) BROMODICHLOROMETHANE	11.10	83	756495	9.67	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.13	57	1422990	11.12	PPBV	99
42) 1,4-DIOXANE	11.20	88	186147	9.91	PPBV	90
43) HEPTANE	11.37	43	435119	10.31	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10587.D
Acq On : 7 Jun 2007 4:48 pm
Operator : danat
Sample : icv548-10 (m179)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 08 15:31:01 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration

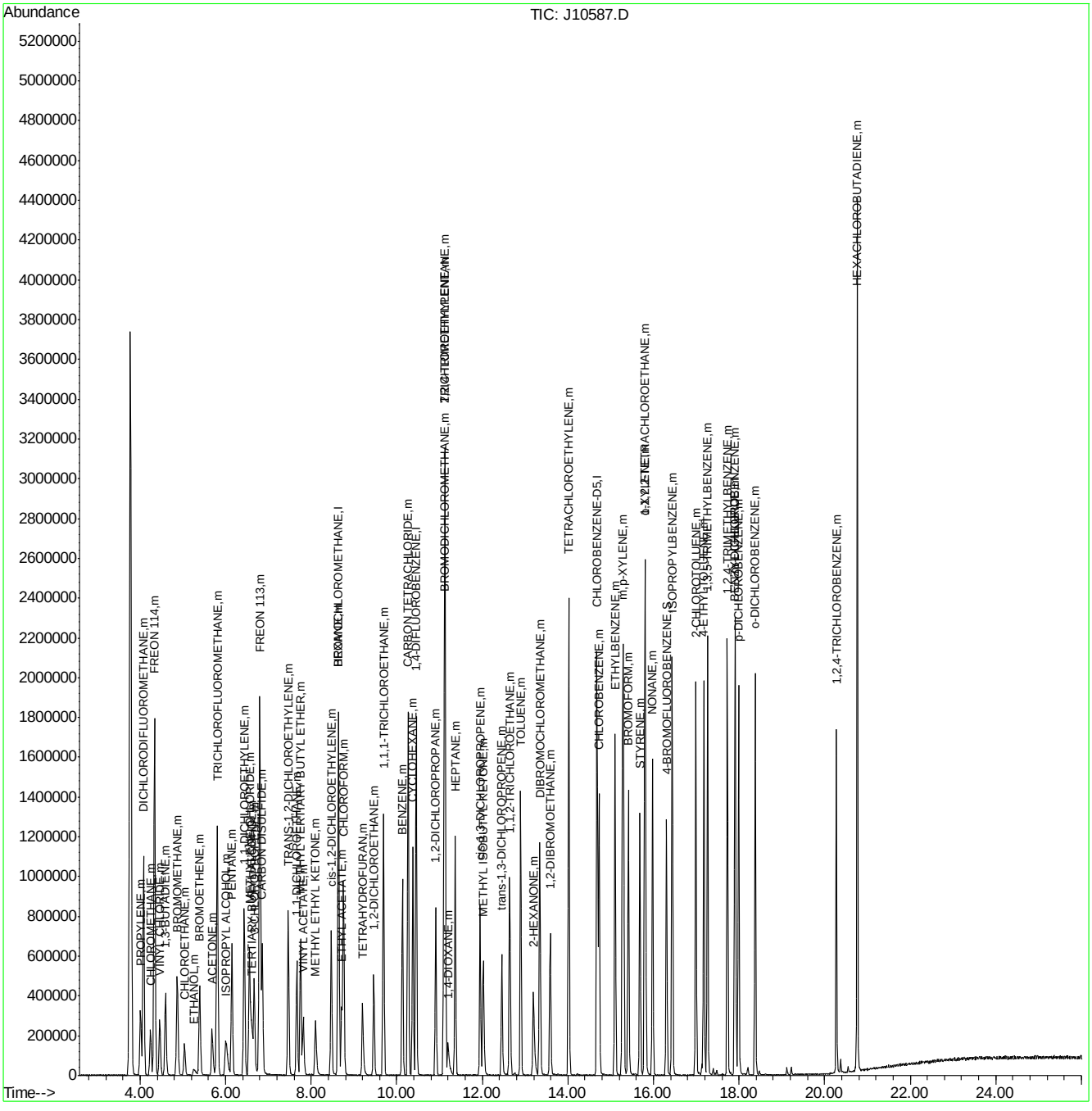
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.02	43	512900	8.29	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.95	75	483552	8.84	PPBV	97
46) TOLUENE	12.90	92	622578	8.27	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	382630	8.28	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.64	83	320127	10.09	PPBV	99
50) 2-HEXANONE	13.20	43	446755	8.77	PPBV	97
51) TETRACHLOROETHYLENE	14.02	164	583651	10.44	PPBV	99
52) DIBROMOCHLOROMETHANE	13.34	129	800412	10.21	PPBV	100
53) 1,2-DIBROMOETHANE	13.59	107	597096	8.57	PPBV	99
54) CHLOROBENZENE	14.73	112	892341	10.47	PPBV	100
55) ETHYLBENZENE	15.10	91	1366588	8.36	PPBV	100
56) m,p-XYLENE	15.29	106	1118411	16.94	PPBV	98
57) o-XYLENE	15.80	106	555234	8.23	PPBV	99
58) STYRENE	15.68	104	738273	9.16	PPBV	99
59) NONANE	15.98	43	568795	8.51	PPBV	99
60) BROMOFORM	15.41	173	807903	8.05	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.81	83	756785	9.86	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	1634872	8.38	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	1131519	8.22	PPBV	99
65) 4-ETHYLTOLUENE	17.18	105	1329590	7.49	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1280436	7.82	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	1200134	7.77	PPBV	100
68) m-DICHLOROBENZENE	17.91	146	872483	7.75	PPBV	100
69) BENZYL CHLORIDE	17.90	91	727079	9.05	PPBV	100
70) p-DICHLOROBENZENE	17.99	146	834408	7.85	PPBV	100
71) o-DICHLOROBENZENE	18.38	146	845184	8.03	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	750052	11.95	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	469259	12.03	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10587.D
Acq On : 7 Jun 2007 4:48 pm
Operator : danat
Sample : icv548-10 (m179)
Misc : MS13684, MSJ548,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 08 15:31:01 2007
Quant Method : C:\MSDCHEM\1\METHODS\J060707T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 07 16:30:04 2007
Response via : Initial Calibration



ACCUTEST Laboratories
M65798

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 06/27/07 12:10

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10757.D
Acq On : 25 Jun 2007 10:16 am
Operator : danat
Sample : ic557-0.5 (m141)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 10:50:06 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 10:46:18 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	419744	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1843308	10.00	PPBV	-0.02
49) CHLOROBENZENE-D5	14.67	117	1602957	10.00	PPBV	-0.01

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	442099	4.44	PPBV	-0.02

Spiked Amount 5.000 Range 51 - 142 Recovery = 88.80%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	102309	0.76	PPBV		99
3) PROPYLENE	4.01	41	13720	0.70	PPBV	#	76
4) FREON 114	4.33	85	83601	0.72	PPBV		96
5) CHLOROMETHANE	4.23	50	21406	0.78	PPBV		85
6) VINYL CHLORIDE	4.45	62	23346	0.73	PPBV		98
7) 1,3-BUTADIENE	4.59	39	16118	0.67	PPBV		88
8) BROMOMETHANE	4.86	94	27828	0.70	PPBV		98
9) CHLOROETHANE	5.04	64	11262	0.73	PPBV		95
10) TRICHLOROFLUOROMETHANE	5.79	101	104032	0.72	PPBV		98
11) ISOPROPYL ALCOHOL	6.03	45	29822m	0.63	PPBV		
12) ACETONE	5.68	43	111506	2.09	PPBV		72
13) PENTANE	6.14	42	40215	1.35	PPBV		97
14) 1,1-DICHLOROETHYLENE	6.43	96	25308	0.63	PPBV		98
15) CARBON DISULFIDE	6.85	76	81032	0.71	PPBV		91
16) ETHANOL	5.30	45	7283m	0.89	PPBV		
17) BROMOETHENE	5.40	106	23736	0.59	PPBV	#	96
18) METHYLENE CHLORIDE	6.55	84	75365	1.41	PPBV		93
19) 3-CHLOROPROPENE	6.66	39	20602	0.63	PPBV		92
20) FREON 113	6.80	151	66319	0.70	PPBV		89
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	23252	0.58	PPBV		89
22) TERTIARY BUTYL ALCOHOL	6.66	59	22222	0.41	PPBV	#	69
23) METHYL TERTIARY BUTYL ETHE	7.76	73	47501	0.55	PPBV		87
24) TETRAHYDROFURAN	9.23	42	11364	0.42	PPBV	#	69
25) HEXANE	8.64	57	37755	0.77	PPBV		92
26) VINYL ACETATE	7.80	43	31274	0.62	PPBV		88
27) 1,1-DICHLOROETHANE	7.65	63	43016	0.64	PPBV		99
28) METHYL ETHYL KETONE	8.11	43	32857	0.62	PPBV		97
29) cis-1,2-DICHLOROETHYLENE	8.46	96	22685	0.57	PPBV		100
30) ETHYL ACETATE	8.72	43	24265	0.43	PPBV	#	88
31) CHLOROFORM	8.74	83	62486	0.64	PPBV		98
32) 1,1,1-TRICHLOROETHANE	9.68	97	70129	0.63	PPBV		98
33) CARBON TETRACHLORIDE	10.26	117	85832	0.63	PPBV		99
34) 1,2-DICHLOROETHANE	9.45	62	34368	0.60	PPBV		96
36) BENZENE	10.12	78	48544	0.49	PPBV		99
37) CYCLOHEXANE	10.37	84	20025	0.42	PPBV		94
38) TRICHLOROETHYLENE	11.11	95	28199	0.55	PPBV		96
39) 1,2-DICHLOROPROPANE	10.90	63	16025	0.50	PPBV		92
40) BROMODICHLOROMETHANE	11.08	83	53524	0.59	PPBV		97
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	73323	0.48	PPBV		92
42) 1,4-DIOXANE	11.25	88	8305m	0.38	PPBV		
43) HEPTANE	11.36	43	20660	0.42	PPBV		93

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10757.D
Acq On : 25 Jun 2007 10:16 am
Operator : danat
Sample : ic557-0.5 (m141)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 10:50:06 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 10:46:18 2007
Response via : Initial Calibration

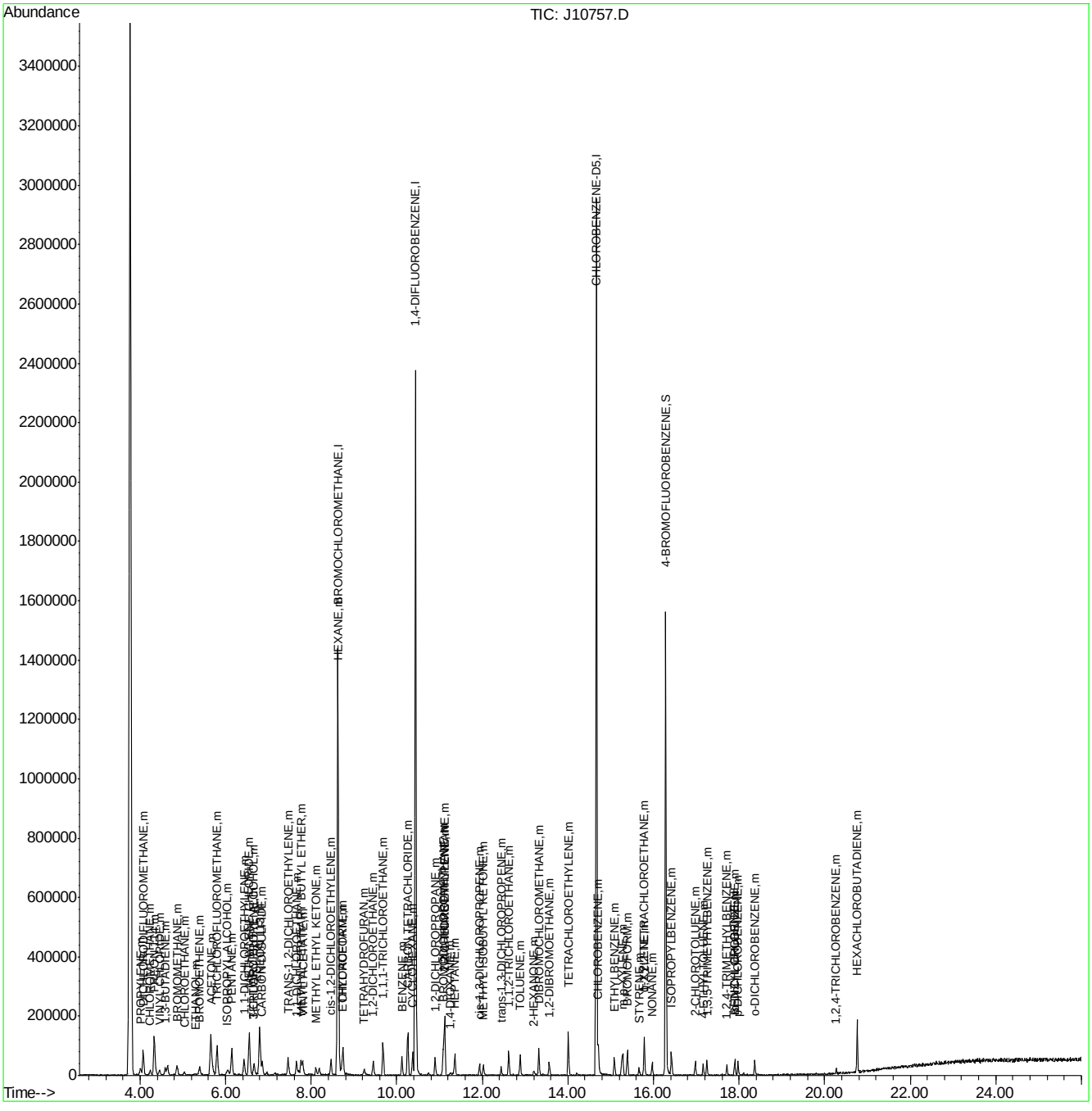
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.02	43	21762	0.37 PPBV #	46
45) cis-1,3-DICHLOROPROPENE	11.93	75	16819	0.34 PPBV	95
46) TOLUENE	12.88	92	27196	0.42 PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.44	75	13551	0.29 PPBV	97
48) 1,1,2-TRICHLOROETHANE	12.61	83	18083	0.54 PPBV	96
50) 2-HEXANONE	13.21	43	13855	0.29 PPBV #	56
51) TETRACHLOROETHYLENE	14.01	164	30571	0.48 PPBV	98
52) DIBROMOCHLOROMETHANE	13.32	129	46822	0.51 PPBV	98
53) 1,2-DIBROMOETHANE	13.57	107	28493	0.46 PPBV	98
54) CHLOROBENZENE	14.71	112	45000	0.47 PPBV	98
55) ETHYLBENZENE	15.09	91	39651	0.31 PPBV	99
56) m,p-XYLENE	15.28	106	32675	0.65 PPBV	93
57) o-XYLENE	15.78	106	13997	0.28 PPBV	98
58) STYRENE	15.67	104	11831	0.19 PPBV	97
59) NONANE	15.97	43	11796	0.24 PPBV	94
60) BROMOFORM	15.39	173	40987	0.46 PPBV	96
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	36584	0.47 PPBV	99
63) ISOPROPYLBENZENE	16.42	105	42030	0.26 PPBV	97
64) 2-CHLOROTOLUENE	16.97	91	25646	0.26 PPBV	97
65) 4-ETHYLTOLUENE	17.16	105	22196	0.19 PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	25579	0.21 PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.71	105	18107	0.20 PPBV	98
68) m-DICHLOROBENZENE	17.90	146	21337	0.29 PPBV	98
69) BENZYL CHLORIDE	17.89	91	5781	0.11 PPBV	79
70) p-DICHLOROBENZENE	17.97	146	15820	0.25 PPBV	83
71) o-DICHLOROBENZENE	18.37	146	20468	0.31 PPBV	98
72) HEXACHLOROBUTADIENE	20.76	225	28822	0.40 PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.28	180	5779	0.29 PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10757.D
Acq On : 25 Jun 2007 10:16 am
Operator : danat
Sample : ic557-0.5 (m141)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 10:50:06 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 10:46:18 2007
Response via : Initial Calibration

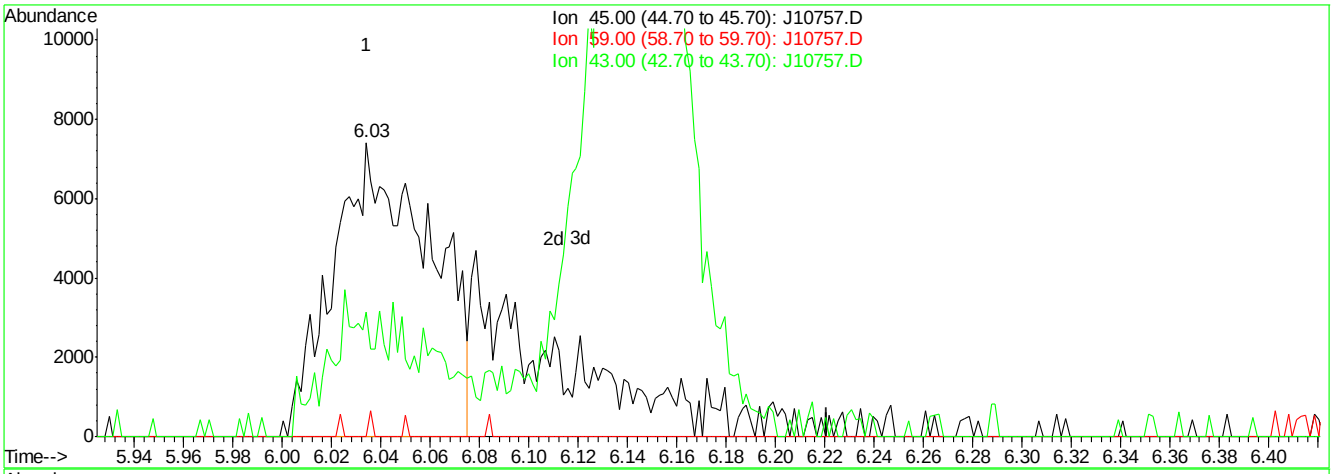


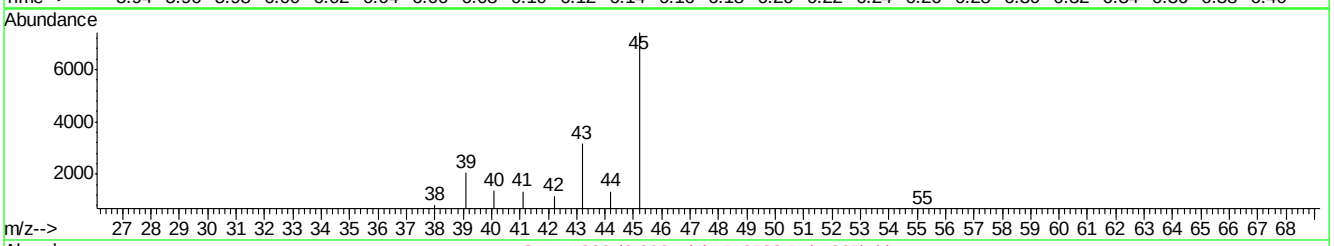
Quantitation Report (Qedit)

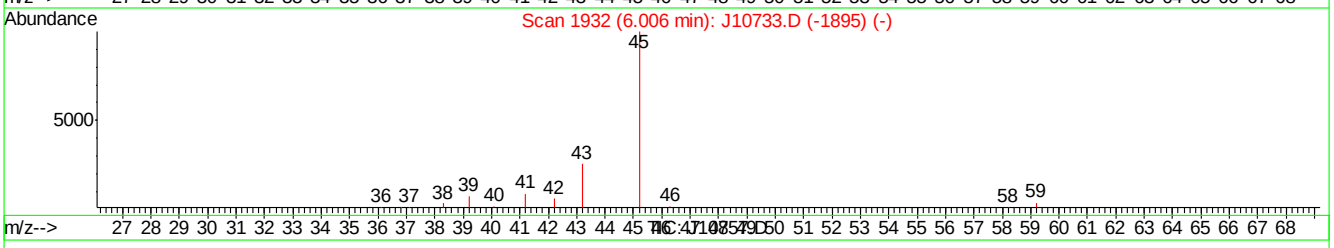
Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 10:46:29 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.03min 0.43PPBV

response 20053

Ion	Exp%	Act%
45.00	100	100
59.00	3.70	0.00
43.00	25.20	42.54
0.00	0.00	0.00

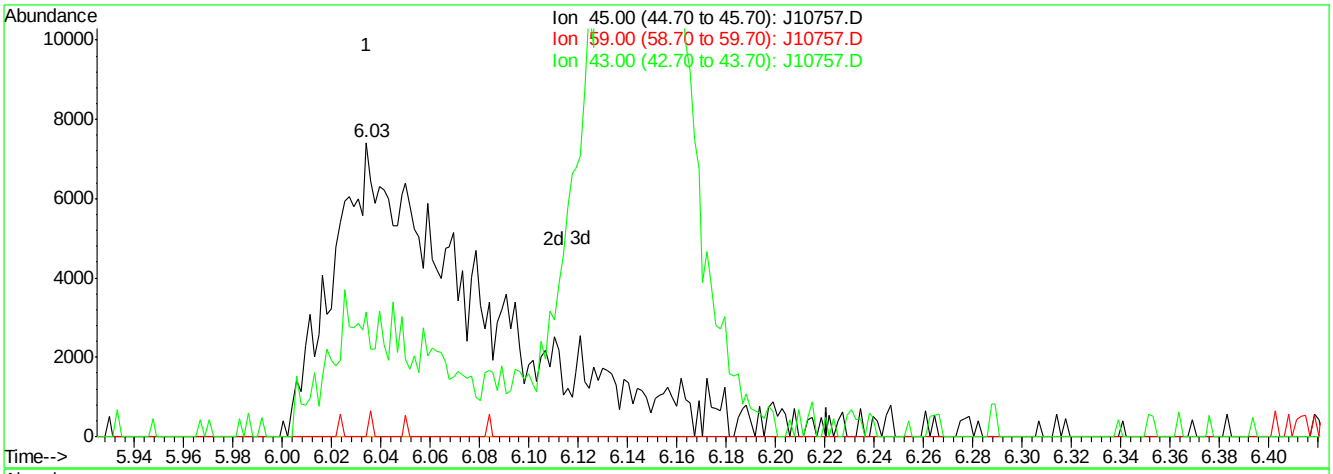
J10757.D J062507T.M Mon Jun 25 10:48:40 2007

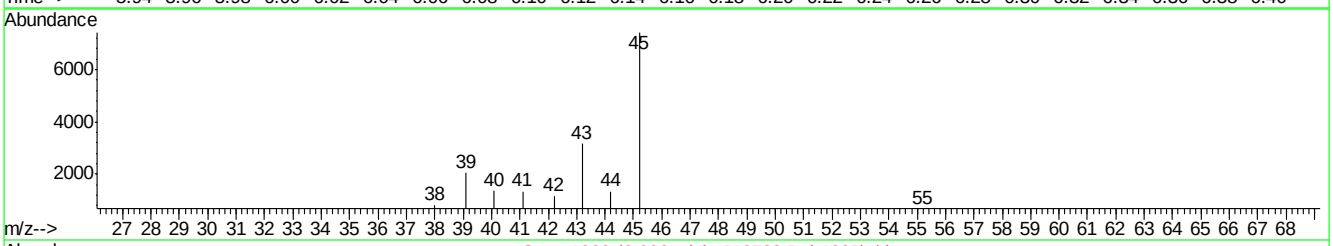
Quantitation Report (Qedit)

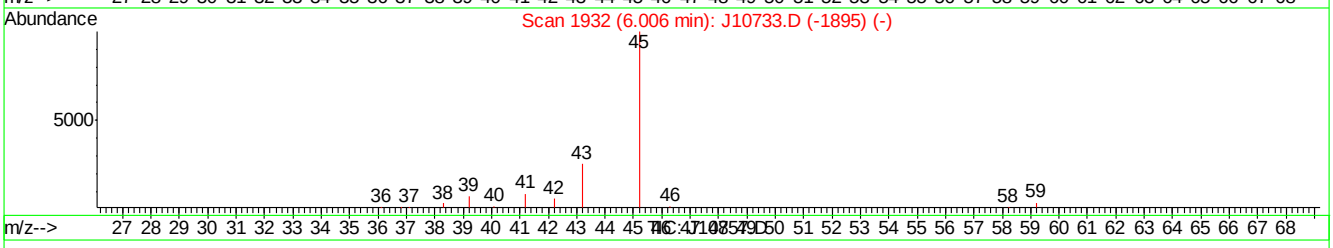
Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 10:46:29 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.03min 0.63PPBV m

response 29822

Ion	Exp%	Act%
45.00	100	100
59.00	3.70	0.00
43.00	25.20	42.54
0.00	0.00	0.00

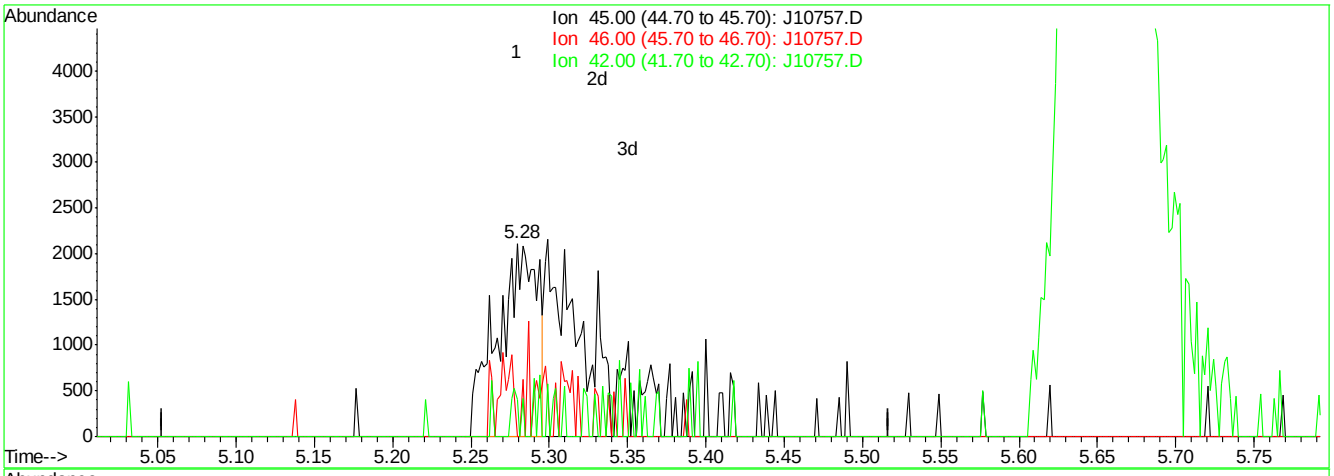
J10757.D J062507T.M Mon Jun 25 10:48:45 2007

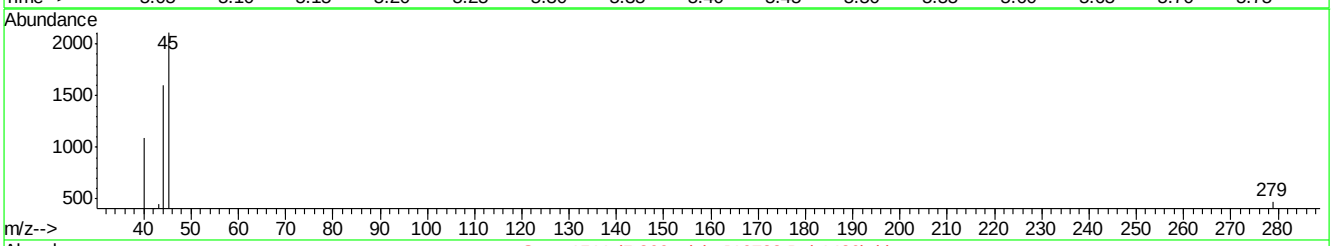
Quantitation Report (Qedit)

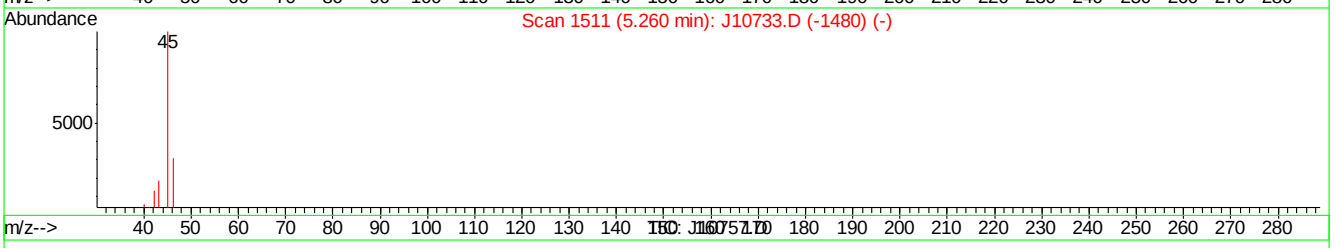
Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 10:46:29 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.28min 0.45PPBV

response 3685

Ion	Exp%	Act%
45.00	100	100
46.00	6.50	18.43
42.00	2.80	5.10
0.00	0.00	0.00

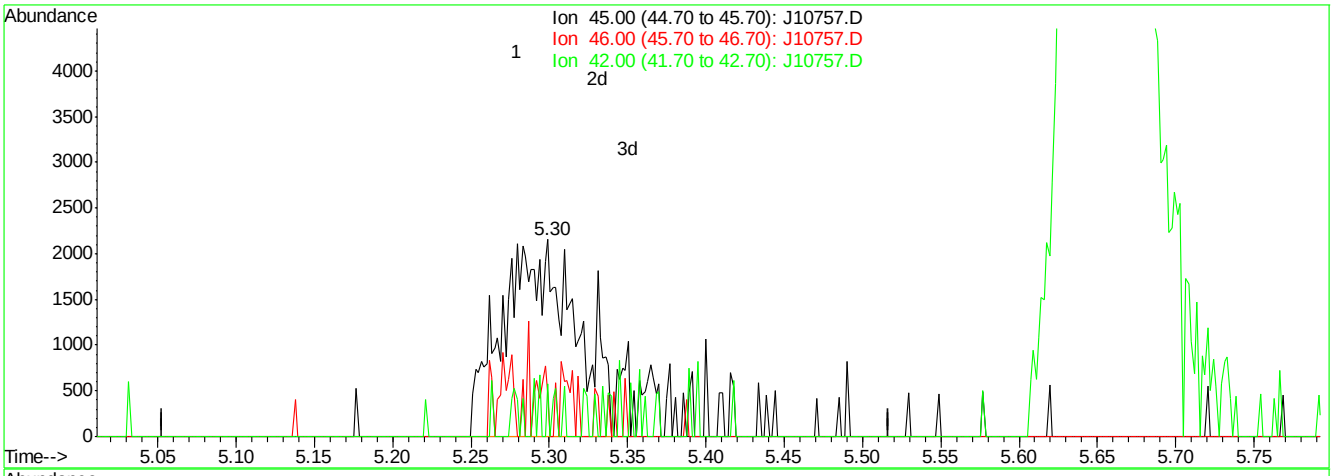
J10757.D J062507T.M Mon Jun 25 10:49:22 2007

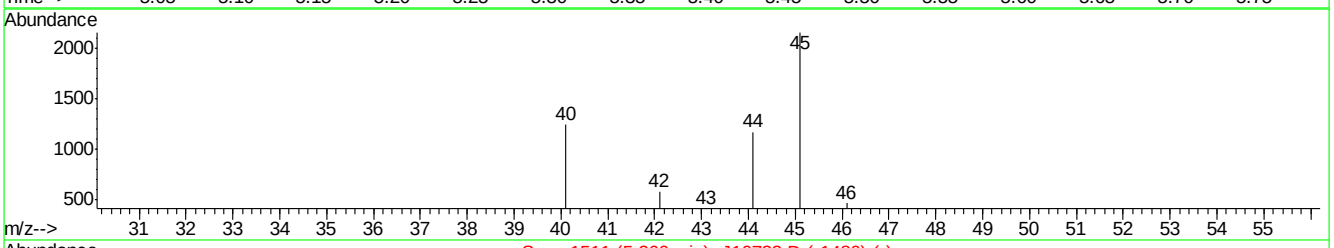
Quantitation Report (Qedit)

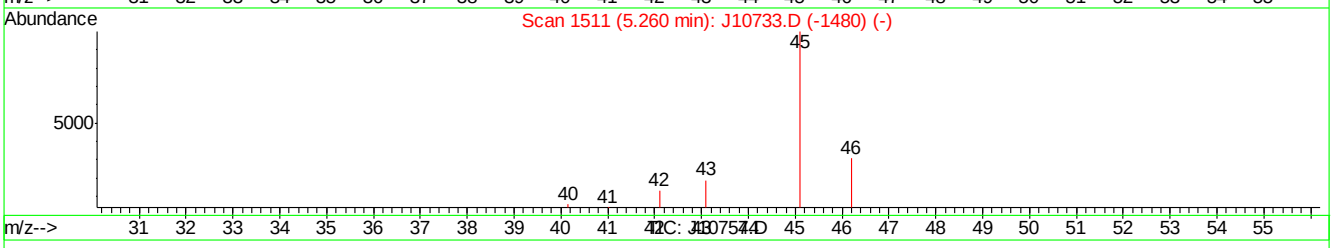
Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 10:46:29 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.30min 0.89PPBV m

response 7283

Ion	Exp%	Act%
45.00	100	100
46.00	6.50	9.32
42.00	2.80	2.58
0.00	0.00	0.00

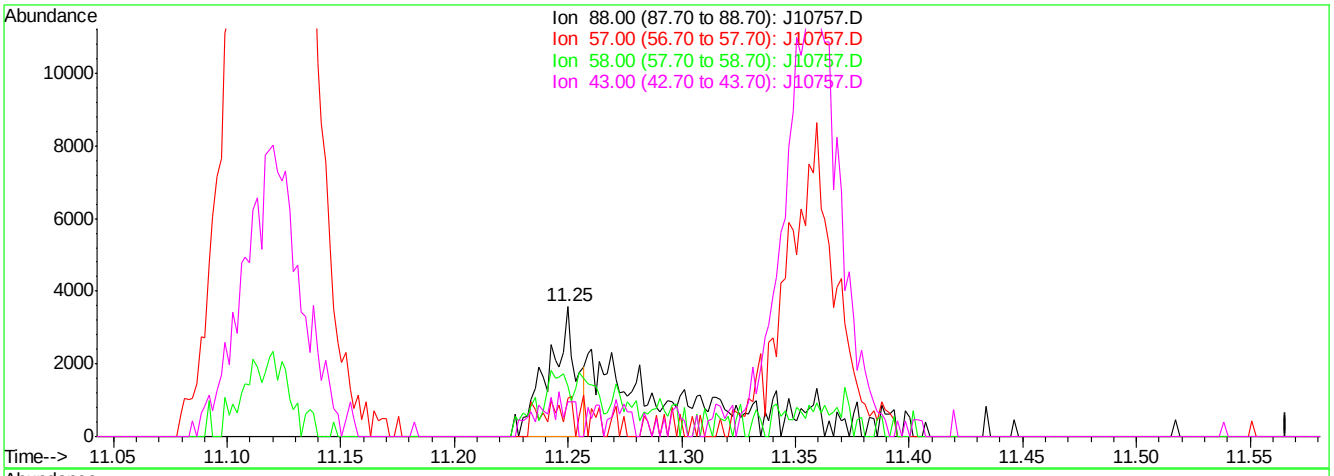
J10757.D J062507T.M Mon Jun 25 10:49:33 2007

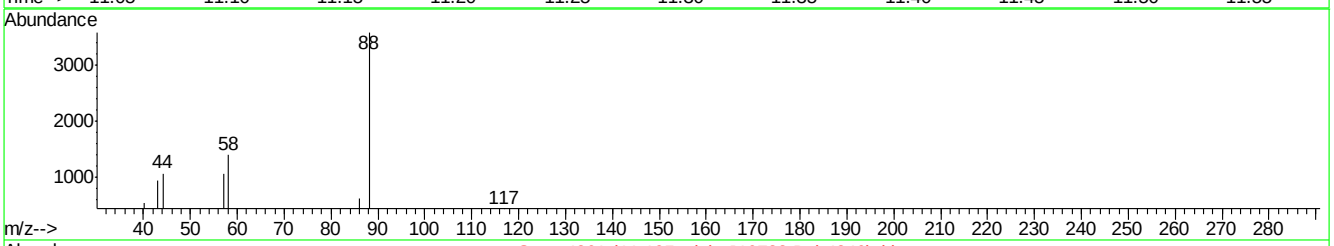
Quantitation Report (Qedit)

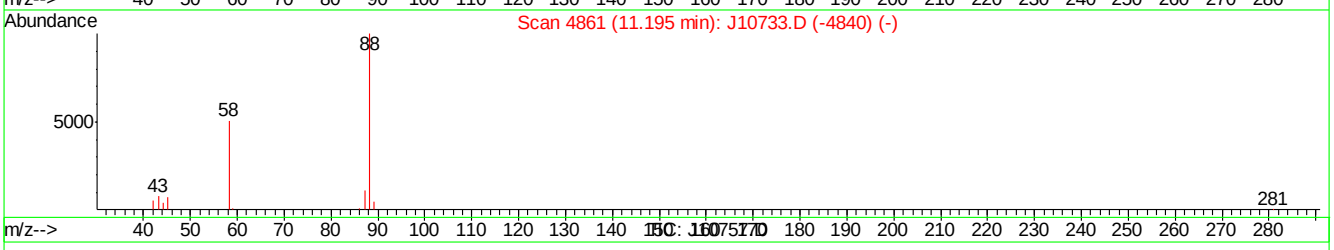
Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 10:46:29 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration







(42) 1,4-DIOXANE (m)

11.25min 0.14PPBV

response 3047

Ion	Exp%	Act%
88.00	100	100
57.00	21.70	29.39
58.00	53.20	38.90
43.00	22.40	26.32

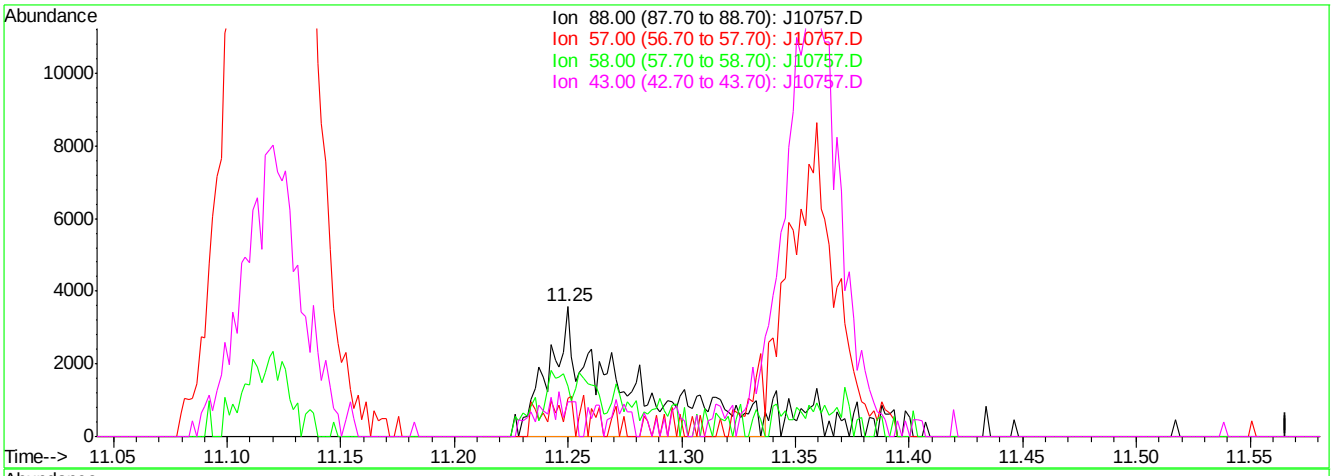
J10757.D J062507T.M Mon Jun 25 10:49:57 2007

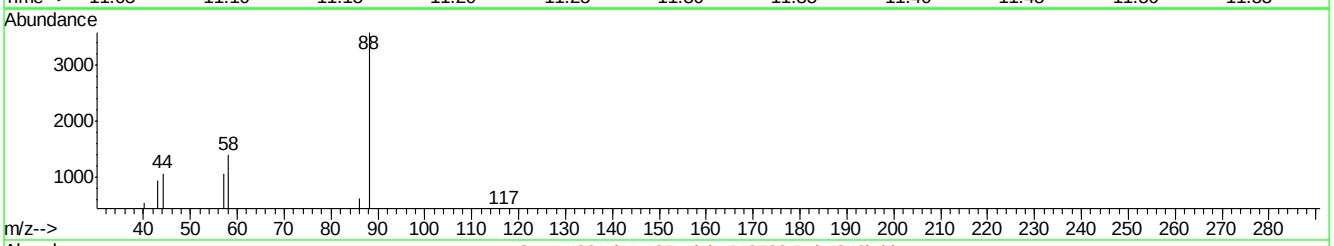
Quantitation Report (Qedit)

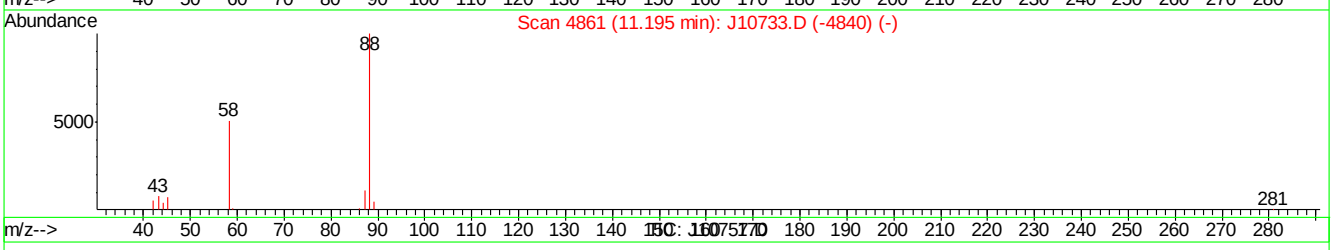
Data File : C:\MSDChem\1\data\J10757.D Vial: 2
Acq On : 25 Jun 2007 10:16 am Operator: danat
Sample : ic557-0.5 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 10:46:29 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration







(42) 1,4-DIOXANE (m)

11.25min 0.38PPBV m

response 8305

Ion	Exp%	Act%
88.00	100	100
57.00	21.70	29.39
58.00	53.20	38.90
43.00	22.40	26.32

J10757.D J062507T.M Mon Jun 25 10:50:10 2007

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 06/27/07 12:10

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10758.D
Acq On : 25 Jun 2007 11:05 am
Operator : danat
Sample : ic557-0.2 (m141)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 11:53:11 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 10:46:18 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	410191	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.43	114	1809825	10.00	PPBV	-0.02
49) CHLOROBENZENE-D5	14.66	117	1513108	10.00	PPBV	-0.01

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	380172	4.05	PPBV	-0.02

Spiked Amount 5.000 Range 51 - 142 Recovery = 81.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	29029	0.22	PPBV	98
3) PROPYLENE	4.00	41	3157	0.16	PPBV #	74
4) FREON 114	4.33	85	25549	0.23	PPBV	94
5) CHLOROMETHANE	4.24	50	6469	0.24	PPBV	97
6) VINYL CHLORIDE	4.46	62	6708	0.21	PPBV	78
7) 1,3-BUTADIENE	4.59	39	3392m	0.14	PPBV	
8) BROMOMETHANE	4.86	94	6369	0.16	PPBV	80
9) CHLOROETHANE	5.03	64	2370	0.16	PPBV #	66
10) TRICHLOROFLUOROMETHANE	5.80	101	30665	0.22	PPBV	95
12) ACETONE	5.70	43	19927	0.38	PPBV	65
13) PENTANE	6.15	42	6321m	0.22	PPBV	
14) 1,1-DICHLOROETHYLENE	6.43	96	5731	0.15	PPBV #	79
15) CARBON DISULFIDE	6.85	76	23212	0.21	PPBV	95
17) BROMOETHENE	5.39	106	6298	0.16	PPBV #	93
18) METHYLENE CHLORIDE	6.55	84	26751	0.51	PPBV	91
19) 3-CHLOROPROPENE	6.66	39	3855	0.12	PPBV #	82
20) FREON 113	6.80	151	18939	0.21	PPBV	93
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	6122	0.16	PPBV	89
23) METHYL TERTIARY BUTYL ETHE	7.79	73	9918	0.12	PPBV	94
25) HEXANE	8.64	57	9490	0.20	PPBV	83
27) 1,1-DICHLOROETHANE	7.66	63	11274	0.17	PPBV	95
28) METHYL ETHYL KETONE	8.14	43	8365m	0.16	PPBV	
29) cis-1,2-DICHLOROETHYLENE	8.46	96	5752	0.15	PPBV	92
31) CHLOROFORM	8.74	83	17762	0.19	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.68	97	18709	0.17	PPBV	96
33) CARBON TETRACHLORIDE	10.26	117	23996	0.18	PPBV	98
34) 1,2-DICHLOROETHANE	9.44	62	8641	0.15	PPBV	97
36) BENZENE	10.12	78	11068	0.11	PPBV	96
38) TRICHLOROETHYLENE	11.11	95	7095	0.14	PPBV	92
39) 1,2-DICHLOROPROPANE	10.89	63	4538	0.14	PPBV	92
40) BROMODICHLOROMETHANE	11.09	83	14504	0.16	PPBV	100
48) 1,1,2-TRICHLOROETHANE	12.62	83	5154	0.16	PPBV	94
51) TETRACHLOROETHYLENE	14.00	164	7339	0.12	PPBV	97
52) DIBROMOCHLOROMETHANE	13.32	129	12348	0.14	PPBV	96
53) 1,2-DIBROMOETHANE	13.56	107	6887	0.12	PPBV #	94
54) CHLOROBENZENE	14.71	112	11911	0.13	PPBV	98
56) m,p-XYLENE	15.28	106	5280m	0.11	PPBV	
60) BROMOFORM	15.39	173	10150	0.12	PPBV	93
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	8023	0.11	PPBV	86
72) HEXACHLOROBUTADIENE	20.76	225	6658	0.10	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10758.D
Acq On : 25 Jun 2007 11:05 am
Operator : danat
Sample : ic557-0.2 (m141)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 11:53:11 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 10:46:18 2007
Response via : Initial Calibration

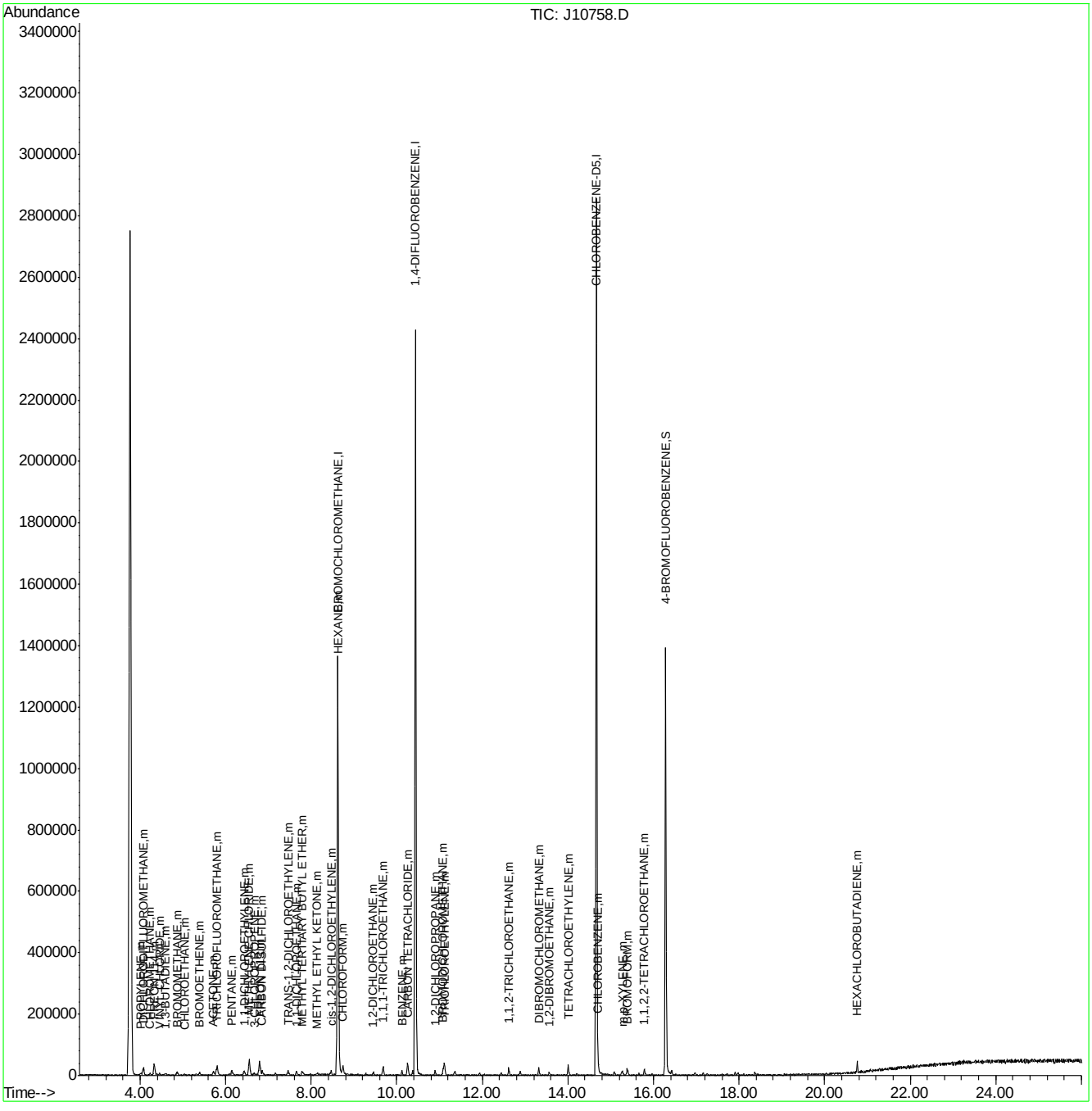
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10758.D
Acq On : 25 Jun 2007 11:05 am
Operator : danat
Sample : ic557-0.2 (m141)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 11:53:11 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 10:46:18 2007
Response via : Initial Calibration



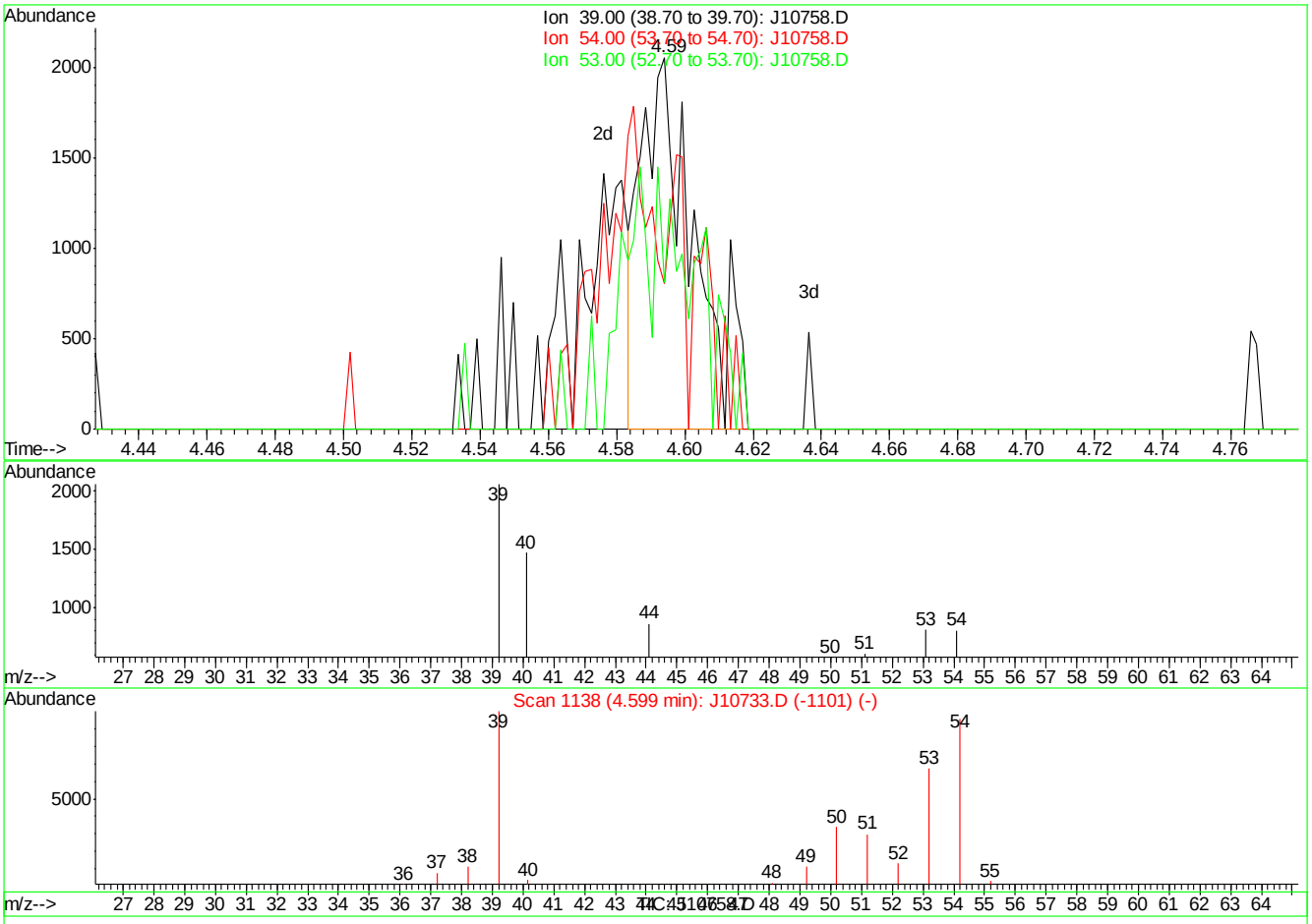
ACCUTEST Laboratories M65798

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10758.D Vial: 2
Acq On : 25 Jun 2007 11:05 am Operator: danat
Sample : ic557-0.2 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 11:48:28 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration



(7) 1,3-BUTADIENE (m)

4.59min 0.10PPBV

response 2273

Ion	Exp%	Act%
39.00	100	100
54.00	93.50	101.54
53.00	66.30	88.65#
0.00	0.00	0.00

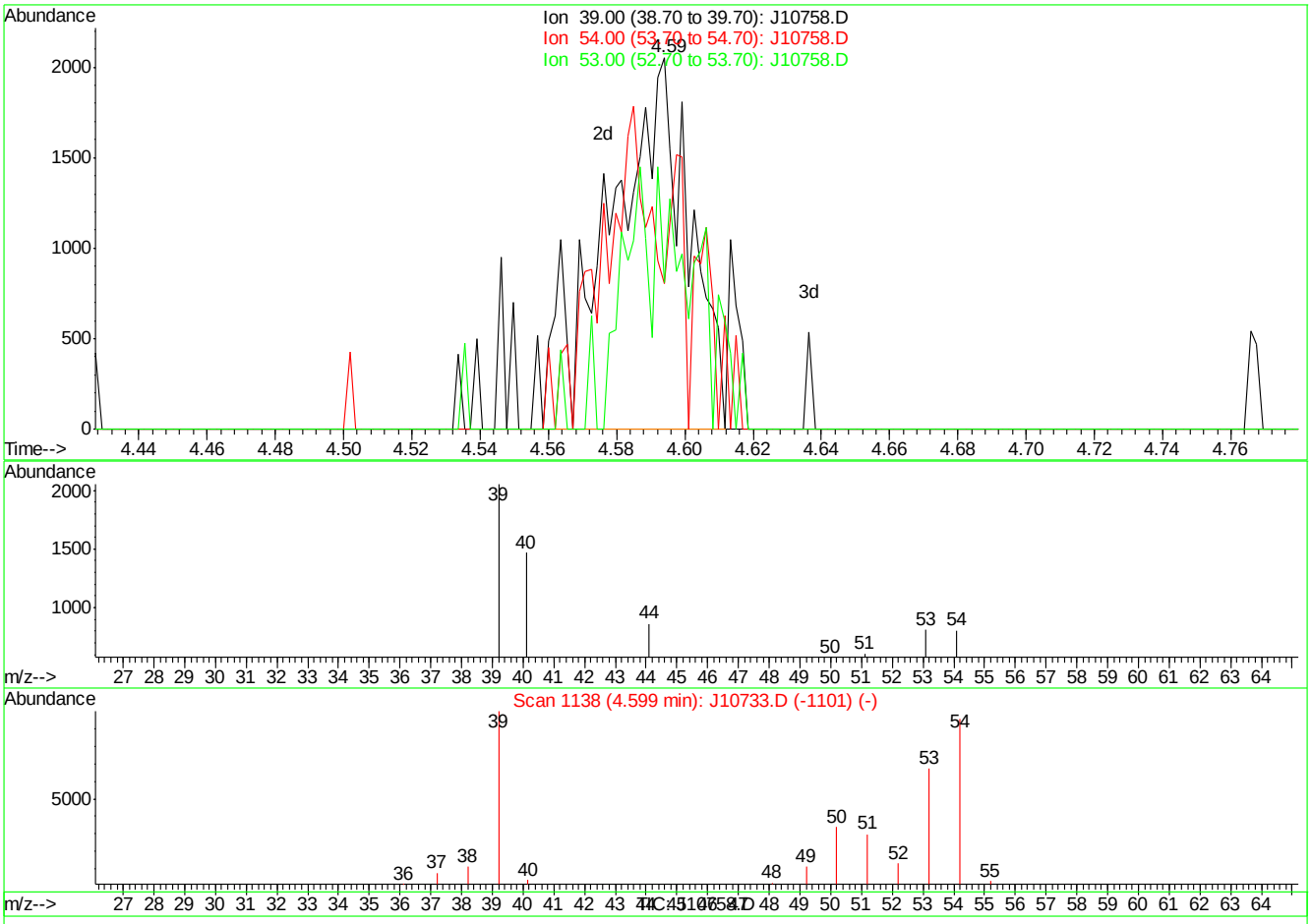
J10758.D J062507T.M Mon Jun 25 11:49:01 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10758.D Vial: 2
Acq On : 25 Jun 2007 11:05 am Operator: danat
Sample : ic557-0.2 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 11:48:28 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration



(7) 1,3-BUTADIENE (m)

4.59min 0.14PPBV m

response 3392

Ion	Exp%	Act%
39.00	100	100
54.00	93.50	68.04#
53.00	66.30	59.40
0.00	0.00	0.00

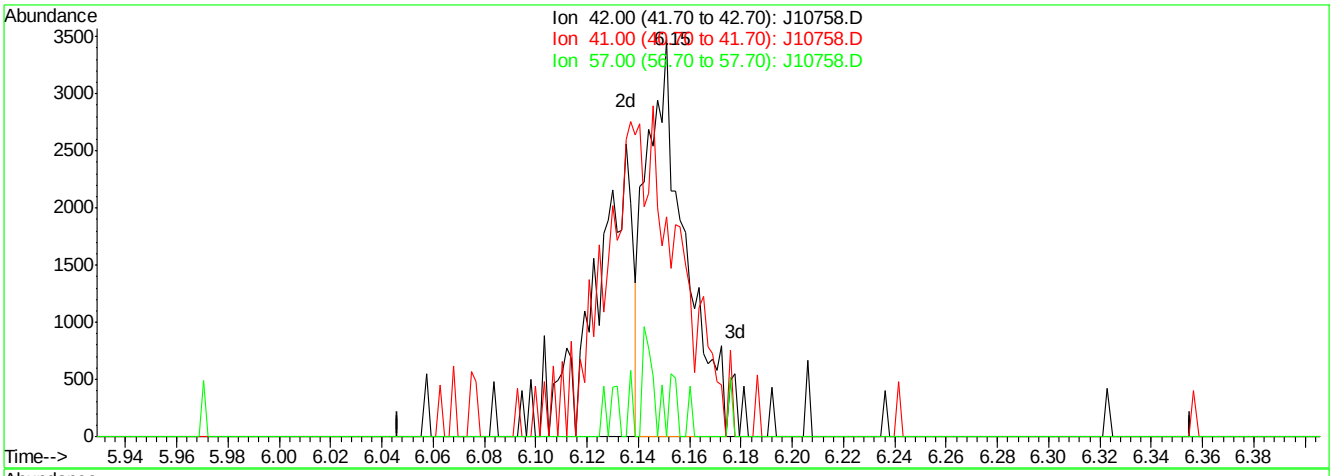
J10758.D J062507T.M Mon Jun 25 11:49:09 2007

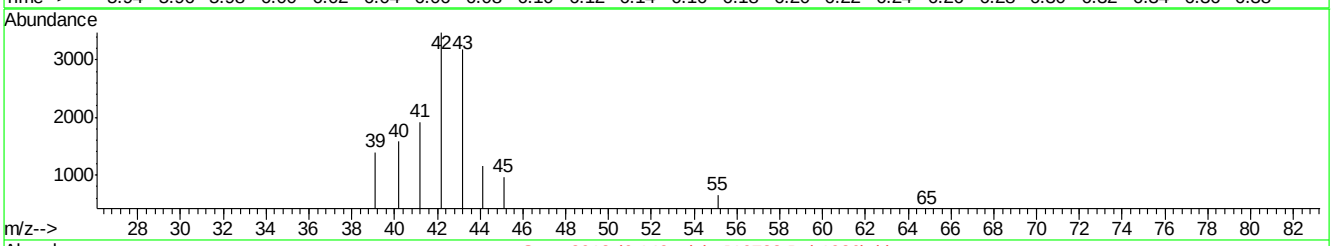
Quantitation Report (Qedit)

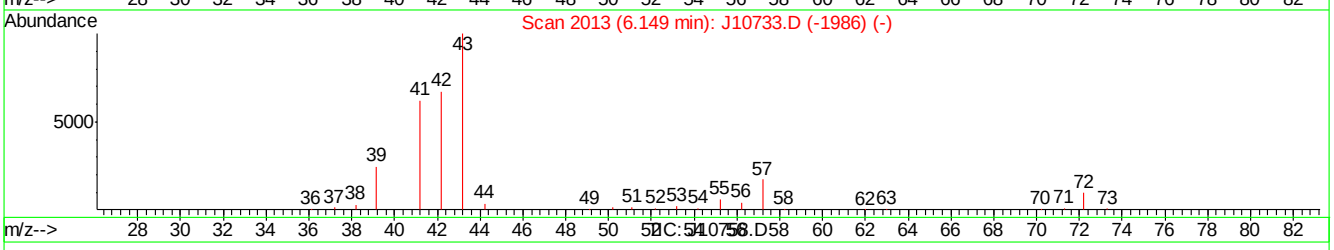
Data File : C:\MSDChem\1\data\J10758.D Vial: 2
Acq On : 25 Jun 2007 11:05 am Operator: danat
Sample : ic557-0.2 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 11:48:28 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration







(13) PENTANE (m)

6.15min 0.12PPBV

response 3605

Ion	Exp%	Act%
42.00	100	100
41.00	98.50	159.72#
57.00	25.90	12.40
0.00	0.00	0.00

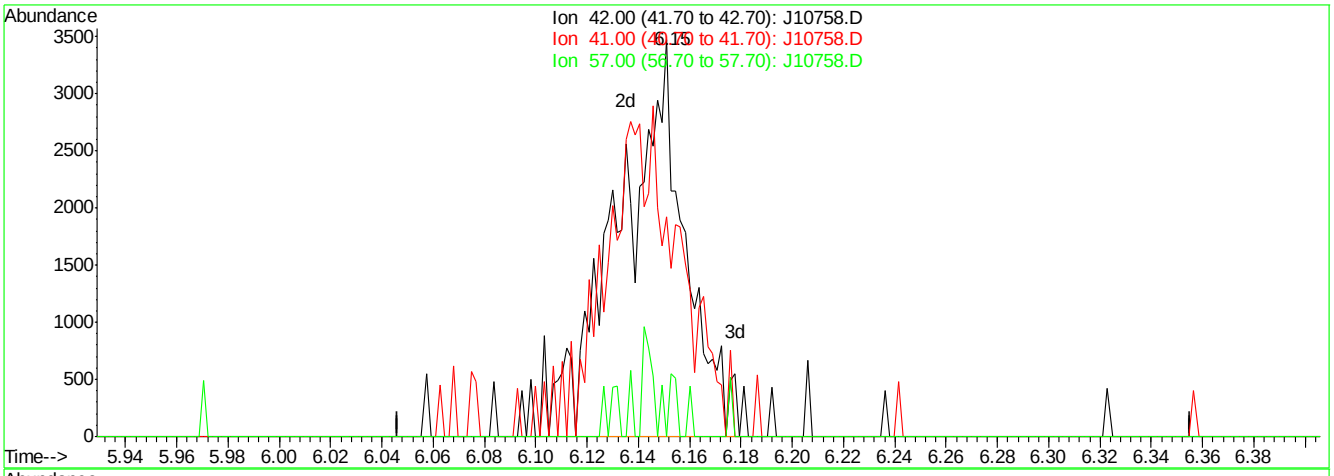
J10758.D J062507T.M Mon Jun 25 11:49:31 2007

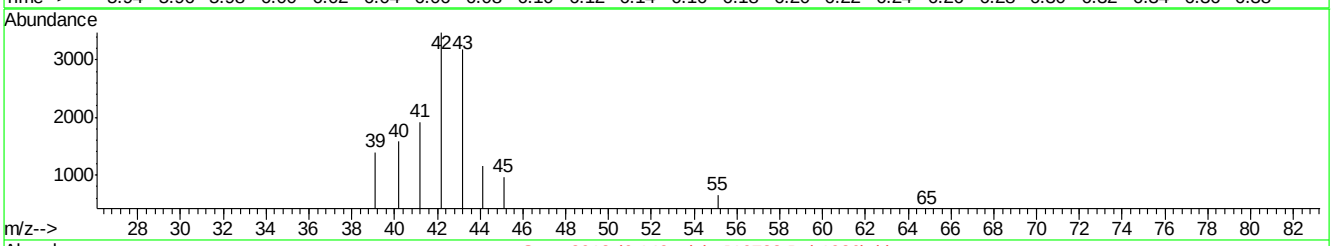
Quantitation Report (Qedit)

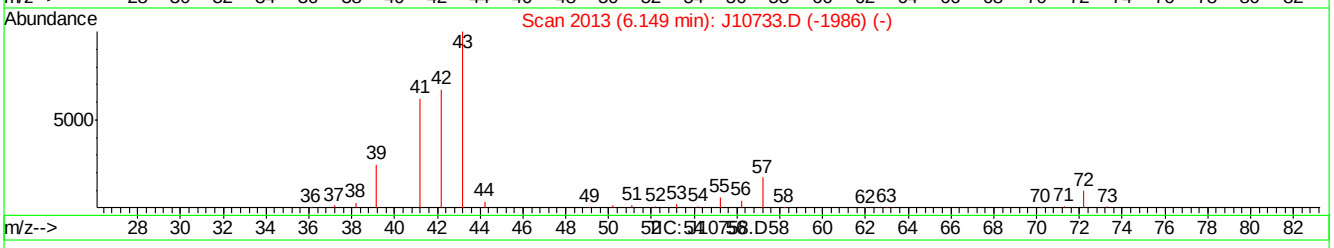
Data File : C:\MSDChem\1\data\J10758.D Vial: 2
Acq On : 25 Jun 2007 11:05 am Operator: danat
Sample : ic557-0.2 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 11:48:28 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration







(13) PENTANE (m)

6.15min 0.22PPBV m

response 6321

Ion	Exp%	Act%
42.00	100	100
41.00	98.50	91.09
57.00	25.90	7.07
0.00	0.00	0.00

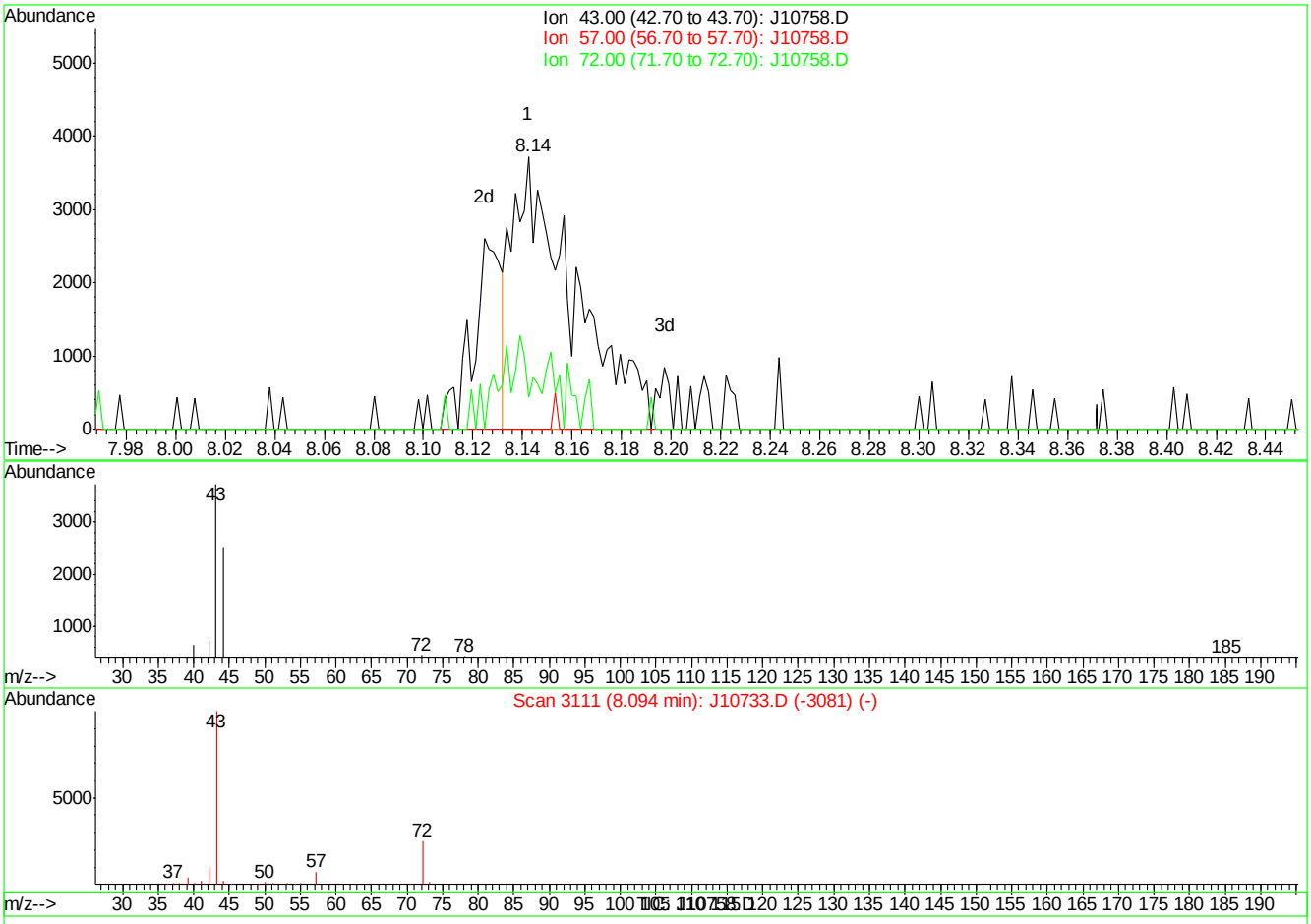
J10758.D J062507T.M Mon Jun 25 11:49:39 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10758.D Vial: 2
Acq On : 25 Jun 2007 11:05 am Operator: danat
Sample : ic557-0.2 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 11:48:28 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration



(28) METHYL ETHYL KETONE (m)

8.14min 0.12PPBV

response 6487

Ion	Exp%	Act%
43.00	100	100
57.00	7.50	0.00
72.00	24.80	11.87
0.00	0.00	0.00

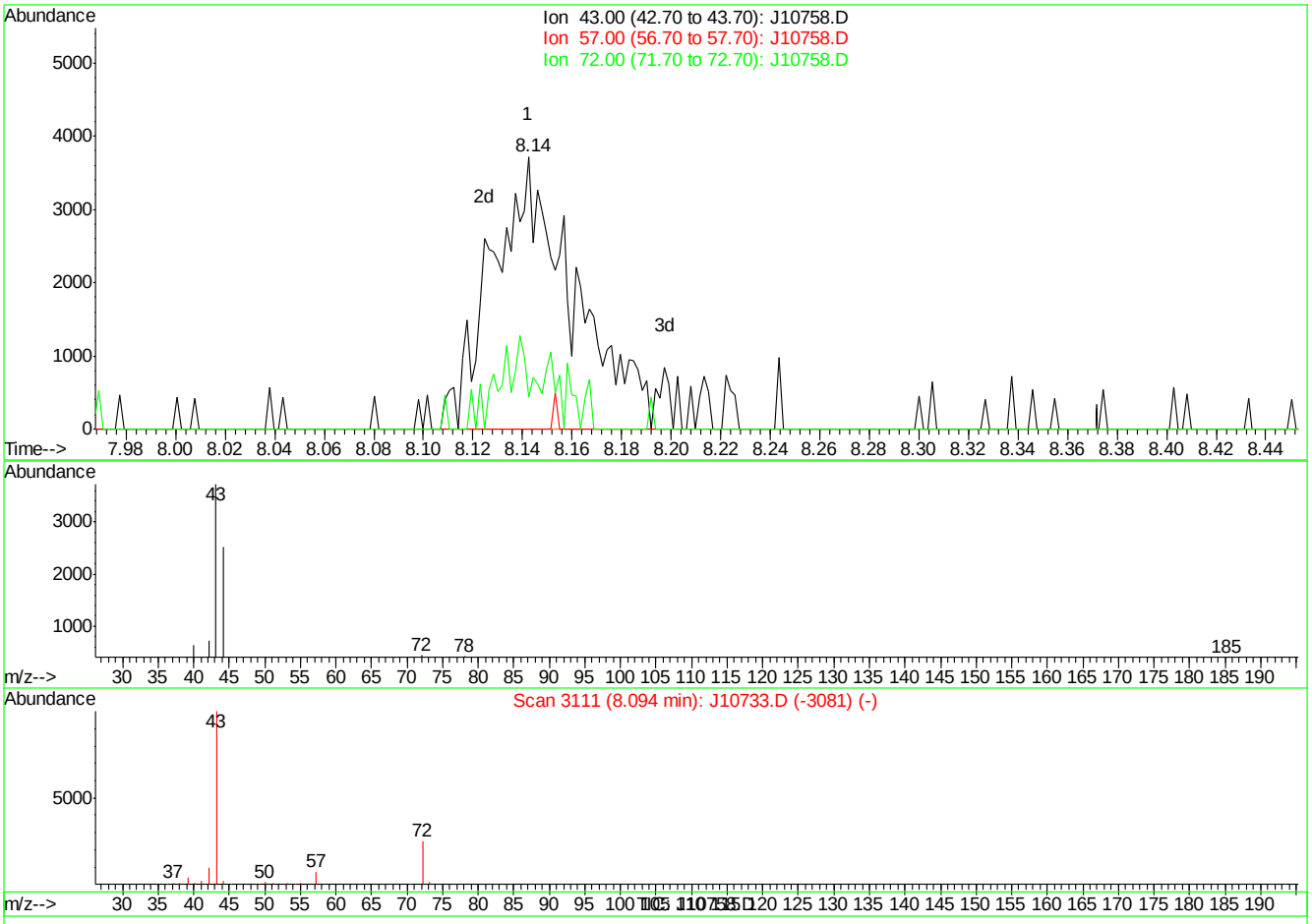
J10758.D J062507T.M Mon Jun 25 11:50:19 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10758.D Vial: 2
Acq On : 25 Jun 2007 11:05 am Operator: danat
Sample : ic557-0.2 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 11:48:28 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration



(28) METHYL ETHYL KETONE (m)

8.14min 0.16PPBV m

response 8365

Ion	Exp%	Act%
43.00	100	100
57.00	7.50	0.00
72.00	24.80	11.87
0.00	0.00	0.00

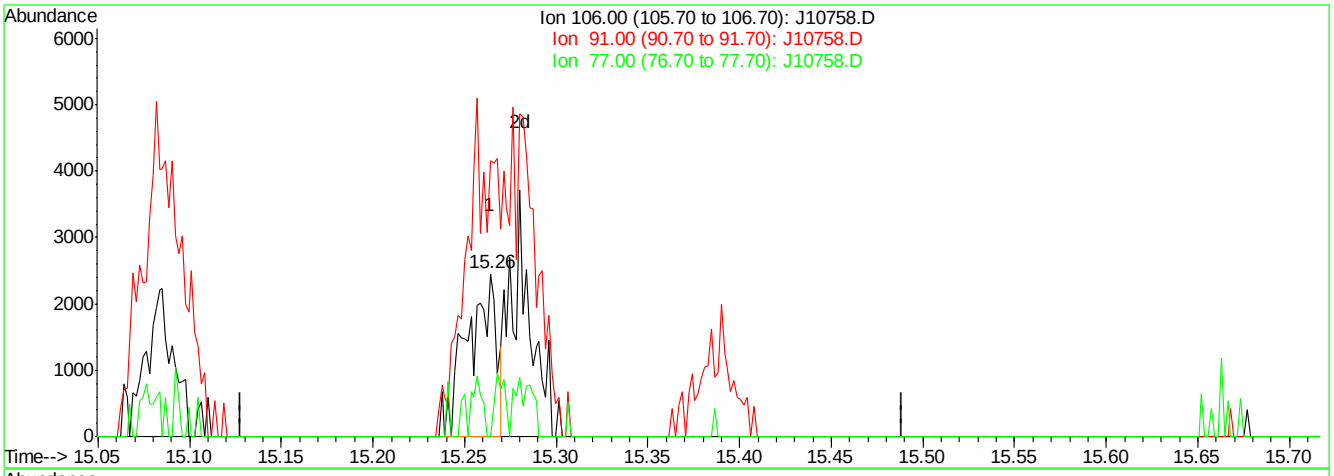
J10758.D J062507T.M Mon Jun 25 11:50:25 2007

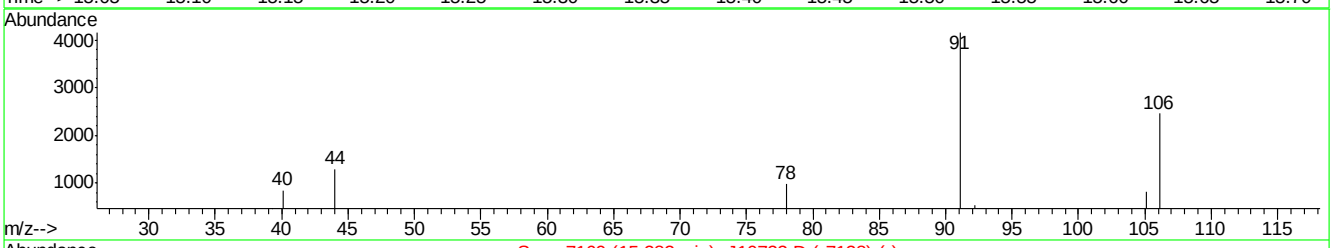
Quantitation Report (Qedit)

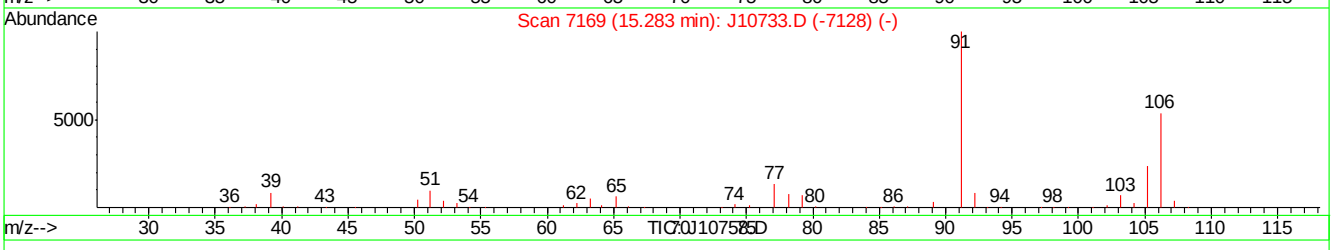
Data File : C:\MSDChem\1\data\J10758.D Vial: 2
Acq On : 25 Jun 2007 11:05 am Operator: danat
Sample : ic557-0.2 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 11:48:28 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration







(56) m,p-XYLENE (m)

15.26min 0.06PPBV

response 2674

Ion	Exp%	Act%
106.00	100	100
91.00	186.60	169.16
77.00	24.80	0.00#
0.00	0.00	0.00

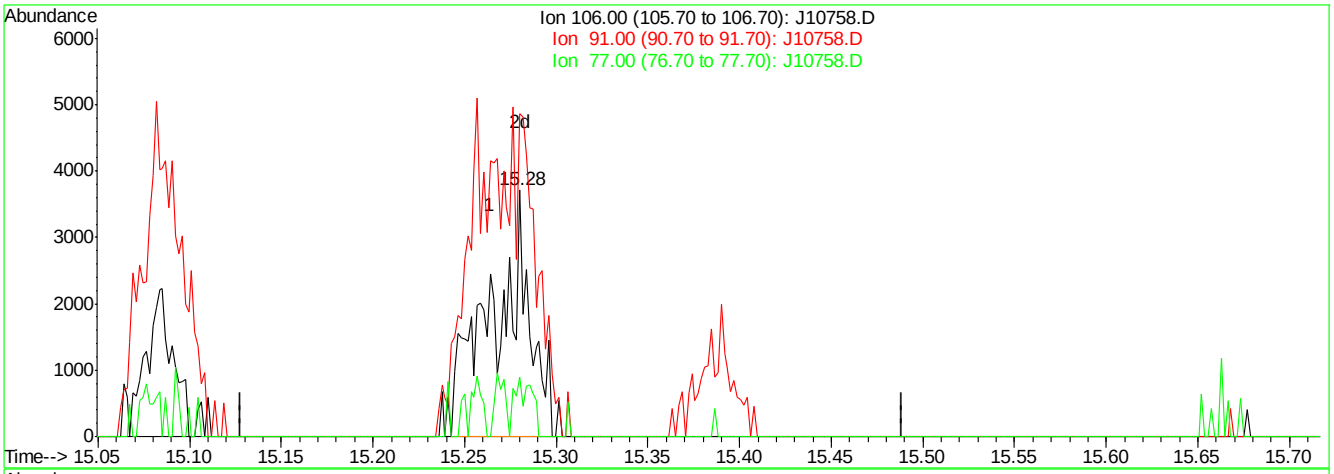
J10758.D J062507T.M Mon Jun 25 11:52:03 2007

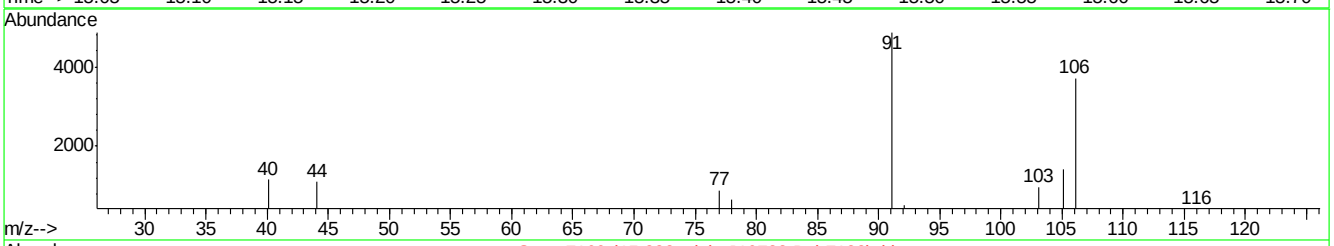
Quantitation Report (Qedit)

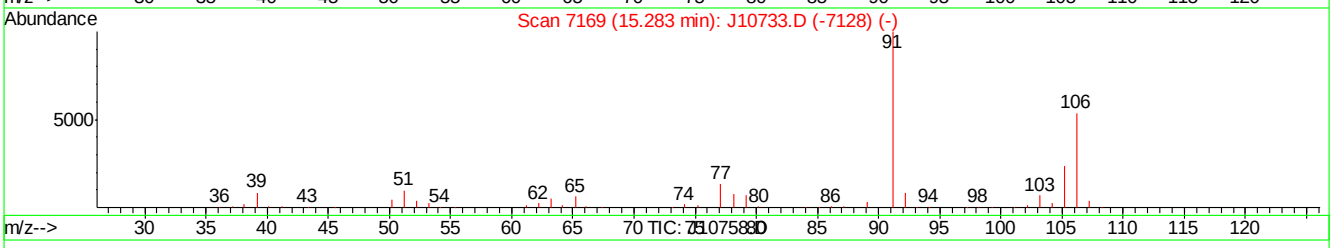
Data File : C:\MSDChem\1\data\J10758.D Vial: 2
Acq On : 25 Jun 2007 11:05 am Operator: danat
Sample : ic557-0.2 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 11:48:28 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration







(56) m,p-XYLENE (m)

15.28min 0.11PPBV m

response 5280

Ion	Exp%	Act%
106.00	100	100
91.00	186.60	130.78#
77.00	24.80	24.02
0.00	0.00	0.00

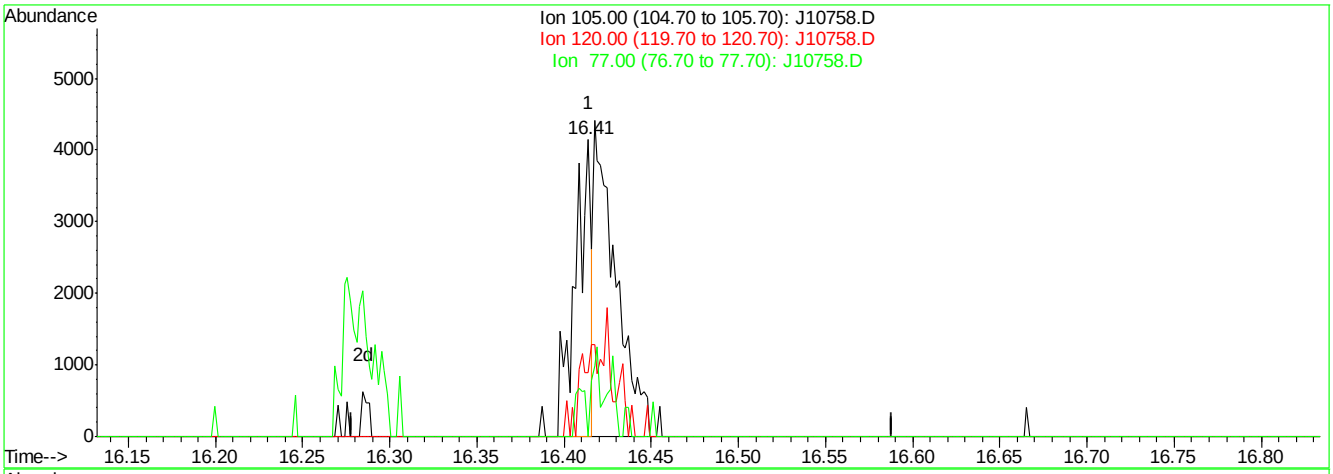
J10758.D J062507T.M Mon Jun 25 11:52:13 2007

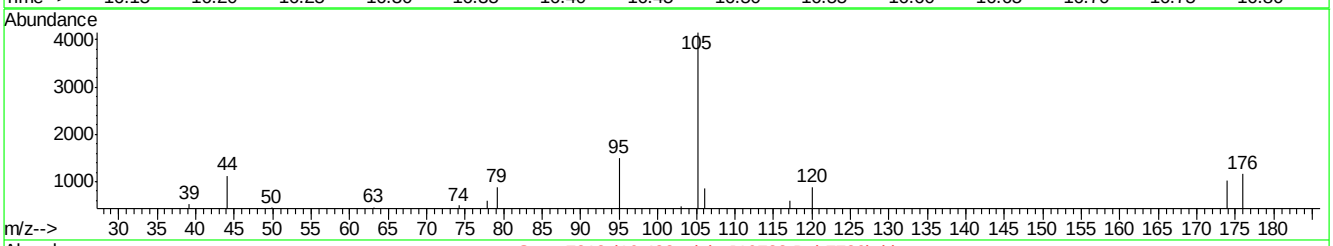
Quantitation Report (Qedit)

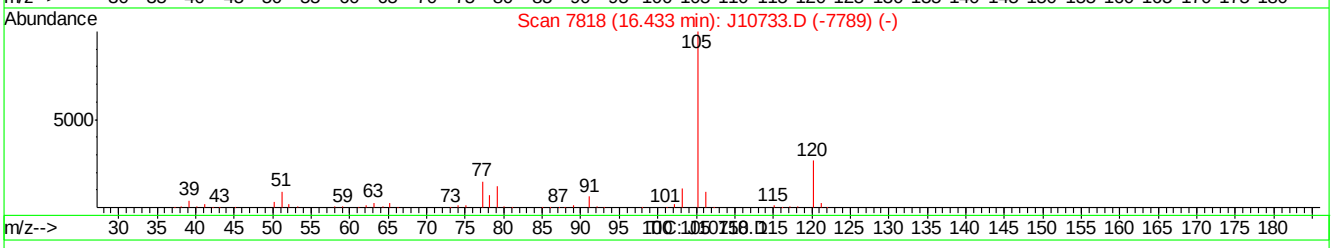
Data File : C:\MSDChem\1\data\J10758.D Vial: 2
Acq On : 25 Jun 2007 11:05 am Operator: danat
Sample : ic557-0.2 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 11:48:28 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration







(63) ISOPROPYLBENZENE (m)

16.41min 0.02PPBV

response 2618

Ion	Exp%	Act%
105.00	100	100
120.00	26.40	67.19#
77.00	15.20	41.14#
0.00	0.00	0.00

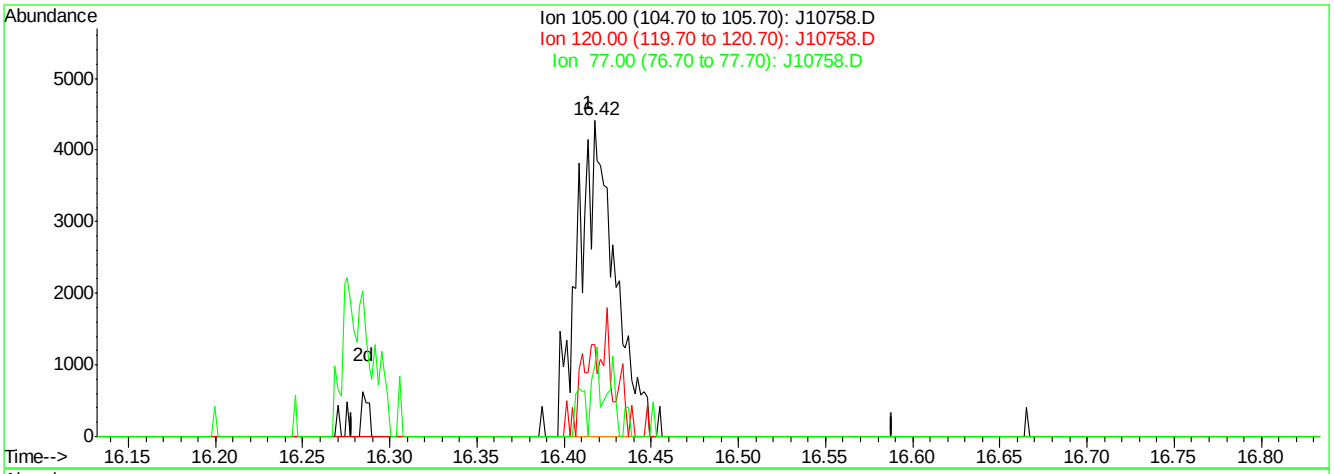
J10758.D J062507T.M Mon Jun 25 11:52:30 2007

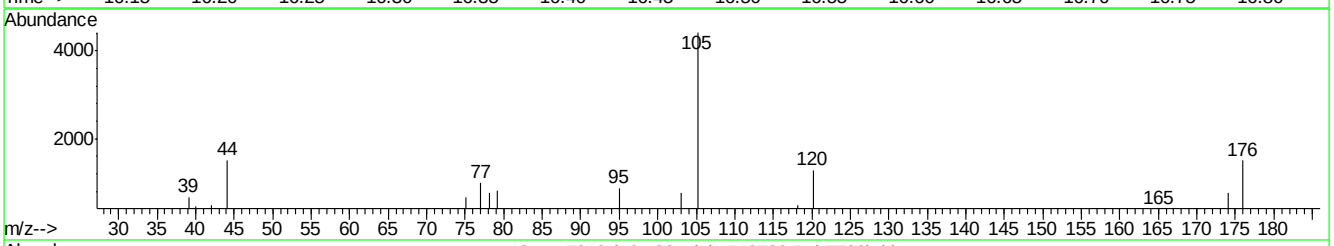
Quantitation Report (Qedit)

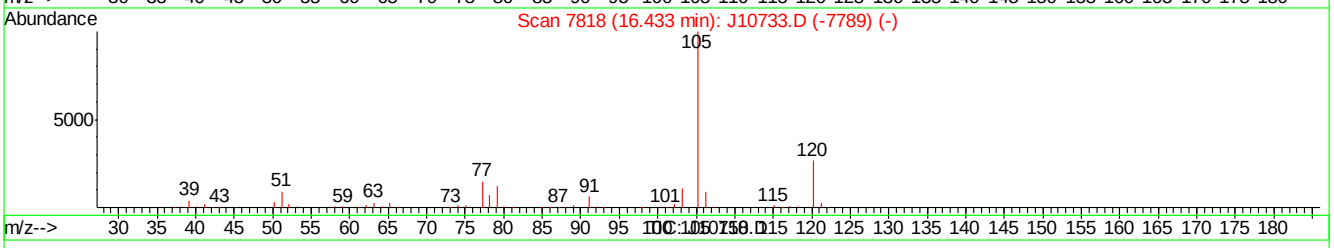
Data File : C:\MSDChem\1\data\J10758.D Vial: 2
Acq On : 25 Jun 2007 11:05 am Operator: danat
Sample : ic557-0.2 (m141) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 11:48:28 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration







(63) ISOPROPYLBENZENE (m)

16.42min 0.04PPBV m

response 6411

Ion	Exp%	Act%
105.00	100	100
120.00	26.40	27.44
77.00	15.20	16.80
0.00	0.00	0.00

J10758.D J062507T.M Mon Jun 25 11:52:36 2007

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 06/27/07 12:10

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10760.D
Acq On : 25 Jun 2007 12:42 pm
Operator : danat
Sample : ic557-40 (m172)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 13:10:57 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 10:46:18 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.64	128	426129	10.00	PPBV	0.01
35) 1,4-DIFLUOROBENZENE	10.47	114	1871381	10.00	PPBV	0.01
49) CHLOROBENZENE-D5	14.70	117	1859953	10.00	PPBV	0.02
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.32	95	679558	5.88	PPBV	0.02
Spiked Amount 5.000	Range 51 - 142		Recovery	= 117.60%		
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	5739971	42.20	PPBV	99
3) PROPYLENE	4.00	41	955600	47.72	PPBV	93
4) FREON 114	4.33	85	4966854	42.19	PPBV	97
5) CHLOROMETHANE	4.24	50	1220597	44.04	PPBV	99
6) VINYL CHLORIDE	4.45	62	1464351	45.11	PPBV	98
7) 1,3-BUTADIENE	4.59	39	1162057	47.30	PPBV	94
8) BROMOMETHANE	4.86	94	1640422	40.56	PPBV	99
9) CHLOROETHANE	5.03	64	698034	44.59	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.80	101	5977808	40.70	PPBV	99
11) ISOPROPYL ALCOHOL	6.03	45	1811520	37.99	PPBV	97
12) ACETONE	5.66	43	1904223	35.22	PPBV	97
13) PENTANE	6.14	42	1286210	42.48	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.43	96	1672764	40.98	PPBV	92
15) CARBON DISULFIDE	6.85	76	4604238	39.80	PPBV	98
16) ETHANOL	5.23	45	304782	36.89	PPBV	58
17) BROMOETHENE	5.39	106	1704216	41.98	PPBV	99
18) METHYLENE CHLORIDE	6.55	84	1497231	27.58	PPBV	93
19) 3-CHLOROPROPENE	6.67	39	1661734	49.78	PPBV #	23
20) FREON 113	6.80	151	3767248	39.44	PPBV	95
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	1665867	41.18	PPBV	96
22) TERTIARY BUTYL ALCOHOL	6.65	59	2401432m	44.15	PPBV	
23) METHYL TERTIARY BUTYL ETHE	7.74	73	3541877	40.52	PPBV	97
24) TETRAHYDROFURAN	9.18	42	1109159	40.85	PPBV	94
25) HEXANE	8.64	57	1799281	36.17	PPBV	98
26) VINYL ACETATE	7.82	43	2302424	45.10	PPBV	98
27) 1,1-DICHLOROETHANE	7.67	63	2807935	40.98	PPBV	99
28) METHYL ETHYL KETONE	8.10	43	2086384	38.64	PPBV	99
29) cis-1,2-DICHLOROETHYLENE	8.47	96	1664593	41.24	PPBV	98
30) ETHYL ACETATE	8.72	43	2333918	40.76	PPBV	99
31) CHLOROFORM	8.77	83	3866989	38.83	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.70	97	4719110	41.73	PPBV	99
33) CARBON TETRACHLORIDE	10.27	117	5697392	41.34	PPBV	99
34) 1,2-DICHLOROETHANE	9.48	62	2374213	40.99	PPBV	100
36) BENZENE	10.14	78	4200205	41.45	PPBV	99
37) CYCLOHEXANE	10.38	84	1948520	39.92	PPBV	97
38) TRICHLOROETHYLENE	11.14	95	2235741	42.70	PPBV	99
39) 1,2-DICHLOROPROPANE	10.93	63	1414430	43.39	PPBV	99
40) BROMODICHLOROMETHANE	11.12	83	3891184	42.50	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.14	57	6933394	44.65	PPBV	99
42) 1,4-DIOXANE	11.20	88	746308	34.04	PPBV	91
43) HEPTANE	11.38	43	2196584	44.45	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10760.D
Acq On : 25 Jun 2007 12:42 pm
Operator : danat
Sample : ic557-40 (m172)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 13:10:57 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 10:46:18 2007
Response via : Initial Calibration

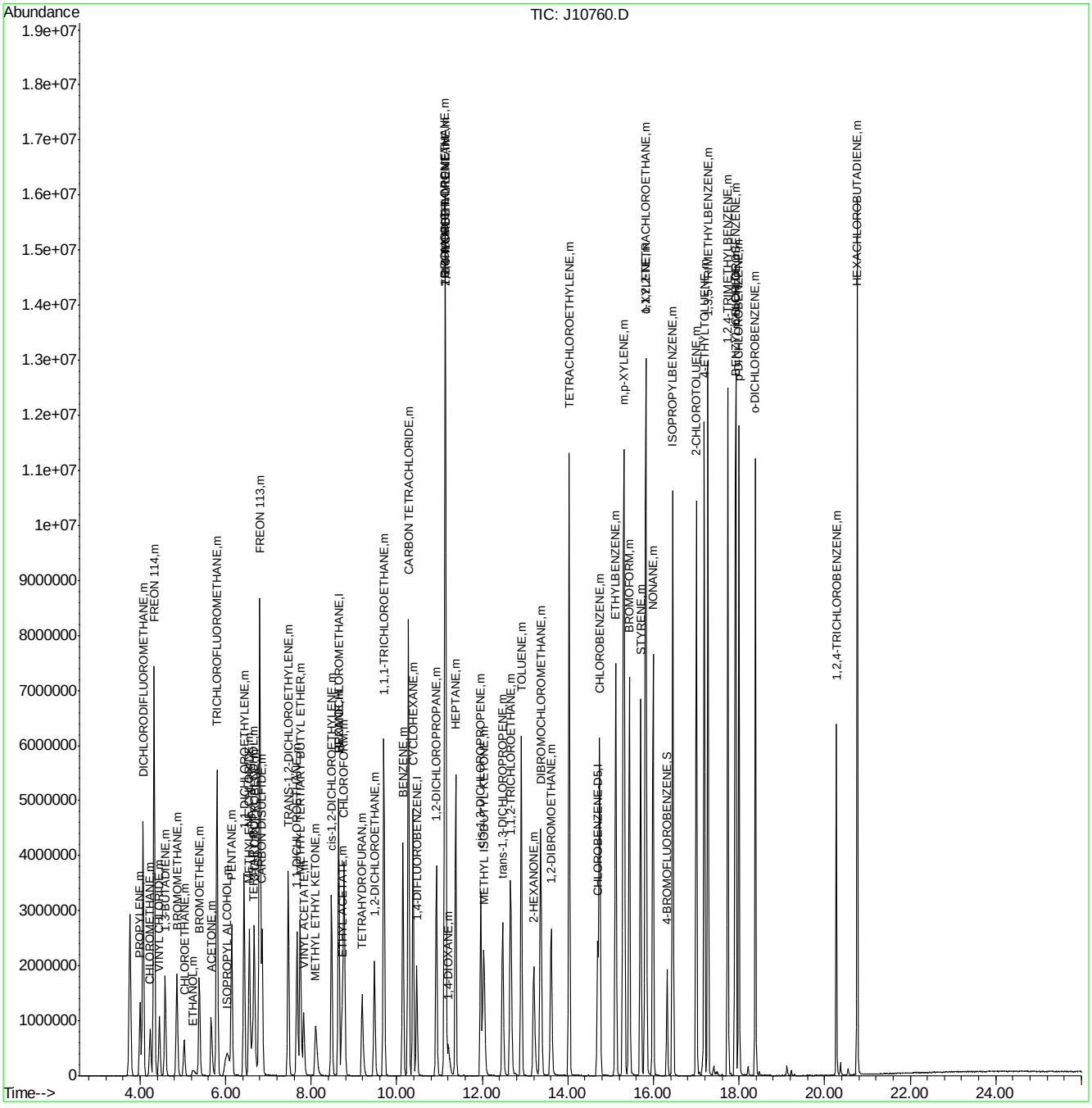
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	12.03	43	2669104	45.25	PPBV		98
45) cis-1,3-DICHLOROPROPENE	11.96	75	2235612	44.72	PPBV		97
46) TOLUENE	12.91	92	3175409	48.29	PPBV		99
47) trans-1,3-DICHLOROPROPENE	12.47	75	2268217	47.63	PPBV	#	76
48) 1,1,2-TRICHLOROETHANE	12.66	83	1472943	43.09	PPBV		97
50) 2-HEXANONE	13.20	43	2332082	42.00	PPBV		99
51) TETRACHLOROETHYLENE	14.03	164	2890901	39.09	PPBV		99
52) DIBROMOCHLOROMETHANE	13.36	129	3987536	37.67	PPBV		99
53) 1,2-DIBROMOETHANE	13.61	107	2895955	40.29	PPBV	#	6
54) CHLOROBENZENE	14.74	112	4522404	40.79	PPBV		99
55) ETHYLBENZENE	15.12	91	7044248	47.82	PPBV		100
56) m,p-XYLENE	15.31	106	5905076	100.96	PPBV		96
57) o-XYLENE	15.81	106	3011361	51.64	PPBV		98
58) STYRENE	15.70	104	4310775	58.26	PPBV		99
59) NONANE	15.99	43	3096489	55.12	PPBV		99
60) BROMOFORM	15.44	173	4408132	42.63	PPBV	#	40
62) 1,1,2,2-TETRACHLOROETHANE	15.83	83	3780908	42.27	PPBV		99
63) ISOPROPYLBENZENE	16.45	105	8599144	45.89	PPBV		99
64) 2-CHLOROTOLUENE	17.00	91	6102056	52.38	PPBV		99
65) 4-ETHYLTOLUENE	17.19	105	8351961	63.23	PPBV	#	99
66) 1,3,5-TRIMETHYLBENZENE	17.27	105	7391045	53.25	PPBV		99
67) 1,2,4-TRIMETHYLBENZENE	17.74	105	6983401	65.68	PPBV		99
68) m-DICHLOROBENZENE	17.92	146	5039073	59.60	PPBV		99
69) BENZYL CHLORIDE	17.90	91	4193954	68.65	PPBV		99
70) p-DICHLOROBENZENE	18.00	146	4795481	64.33	PPBV		99
71) o-DICHLOROBENZENE	18.38	146	4426002	57.56	PPBV		99
72) HEXACHLOROBUTADIENE	20.76	225	2729766	32.86	PPBV		99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	1696482	72.33	PPBV		99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10760.D
Acq On : 25 Jun 2007 12:42 pm
Operator : danat
Sample : ic557-40 (m172)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 13:10:57 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 10:46:18 2007
Response via : Initial Calibration



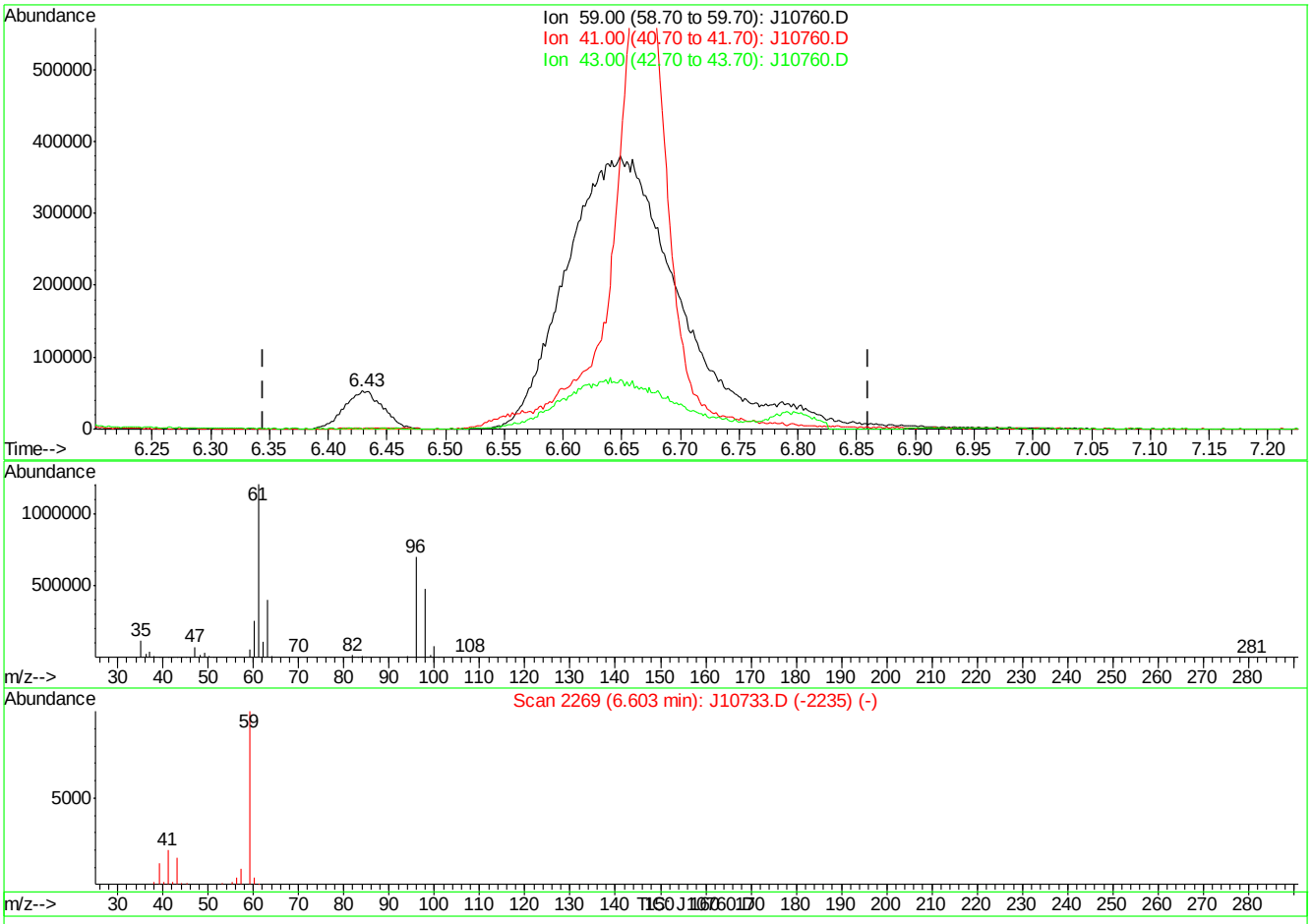
ACCUTEST Laboratories M65798

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10760.D Vial: 3
Acq On : 25 Jun 2007 12:42 pm Operator: danat
Sample : ic557-40 (m172) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 13:09:34 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration



(22) TERTIARY BUTYL ALCOHOL (m)

6.43min 2.24PPBV

response 121781

Ion	Exp%	Act%
59.00	100	100
41.00	17.20	0.00
43.00	16.40	0.00
0.00	0.00	0.00

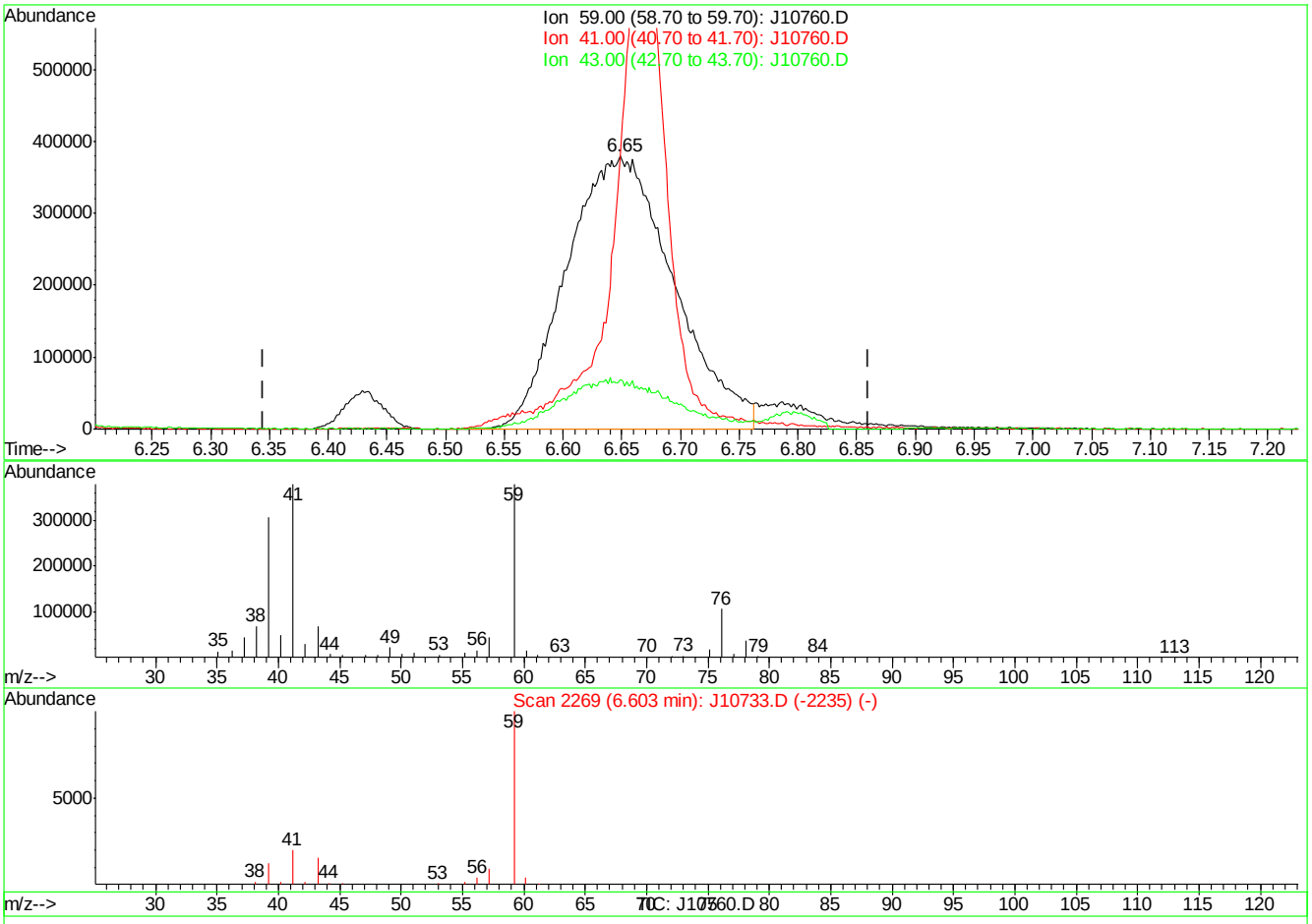
J10760.D J062507T.M Mon Jun 25 13:10:10 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10760.D Vial: 3
Acq On : 25 Jun 2007 12:42 pm Operator: danat
Sample : ic557-40 (m172) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 13:09:34 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 10:46:18 2007
Response via : Multiple Level Calibration



(22) TERTIARY BUTYL ALCOHOL (m)

6.65min 44.15PPBV m

response 2401432

Ion	Exp%	Act%
59.00	100	100
41.00	17.20	0.00
43.00	16.40	0.00
0.00	0.00	0.00

J10760.D J062507T.M Mon Jun 25 13:10:18 2007

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10761.D
Acq On : 25 Jun 2007 1:59 pm
Operator : danat
Sample : ic557-20 (m172)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 14:27:27 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 10:46:18 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	454420	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.45	114	2027697	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.68	117	1910580	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.31	95	662038	5.58	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 111.60%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	2927277	20.18	PPBV	100
3) PROPYLENE	4.00	41	485428	22.73	PPBV	93
4) FREON 114	4.33	85	2729549	21.74	PPBV	96
5) CHLOROMETHANE	4.23	50	661157	22.37	PPBV	98
6) VINYL CHLORIDE	4.45	62	805928	23.28	PPBV	98
7) 1,3-BUTADIENE	4.58	39	621452	23.72	PPBV	97
8) BROMOMETHANE	4.86	94	936595	21.71	PPBV	99
9) CHLOROETHANE	5.03	64	385888	23.11	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.79	101	3182836	20.32	PPBV	99
11) ISOPROPYL ALCOHOL	6.00	45	1053347	20.71	PPBV	95
12) ACETONE	5.65	43	1038354	18.01	PPBV	98
13) PENTANE	6.13	42	691724	21.43	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.42	96	928608	21.33	PPBV	95
15) CARBON DISULFIDE	6.85	76	2511530	20.36	PPBV	99
16) ETHANOL	5.24	45	172527	19.58	PPBV #	46
17) BROMOETHENE	5.38	106	956978	22.10	PPBV	100
18) METHYLENE CHLORIDE	6.55	84	804777	13.90	PPBV	96
19) 3-CHLOROPROPENE	6.66	39	716147	20.12	PPBV	99
20) FREON 113	6.79	151	2023707	19.87	PPBV	95
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	869836	20.16	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.60	59	1384528	23.87	PPBV	86
23) METHYL TERTIARY BUTYL ETHE	7.74	73	1995957	21.41	PPBV	98
24) TETRAHYDROFURAN	9.18	42	596364	20.60	PPBV	95
25) HEXANE	8.64	57	948254	17.88	PPBV	99
26) VINYL ACETATE	7.81	43	1266802	23.27	PPBV	99
27) 1,1-DICHLOROETHANE	7.66	63	1448874	19.83	PPBV	99
28) METHYL ETHYL KETONE	8.09	43	1139241	19.79	PPBV	99
29) cis-1,2-DICHLOROETHYLENE	8.47	96	826762	19.21	PPBV	97
30) ETHYL ACETATE	8.70	43	1244197	20.37	PPBV	99
31) CHLOROFORM	8.76	83	1951286	18.37	PPBV	100
32) 1,1,1-TRICHLOROETHANE	9.69	97	2275823	18.87	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	2866212	19.50	PPBV	99
34) 1,2-DICHLOROETHANE	9.47	62	1217727	19.72	PPBV	99
36) BENZENE	10.13	78	2122452	19.33	PPBV	99
37) CYCLOHEXANE	10.38	84	1013712	19.17	PPBV	98
38) TRICHLOROETHYLENE	11.13	95	1098311	19.36	PPBV	100
39) 1,2-DICHLOROPROPANE	10.91	63	687089	19.45	PPBV	98
40) BROMODICHLOROMETHANE	11.10	83	1920622	19.36	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.13	57	3324777	19.76	PPBV	99
42) 1,4-DIOXANE	11.18	88	389131	16.38	PPBV	95
43) HEPTANE	11.37	43	1067203	19.93	PPBV	97

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10761.D
Acq On : 25 Jun 2007 1:59 pm
Operator : danat
Sample : ic557-20 (m172)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 14:27:27 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 10:46:18 2007
Response via : Initial Calibration

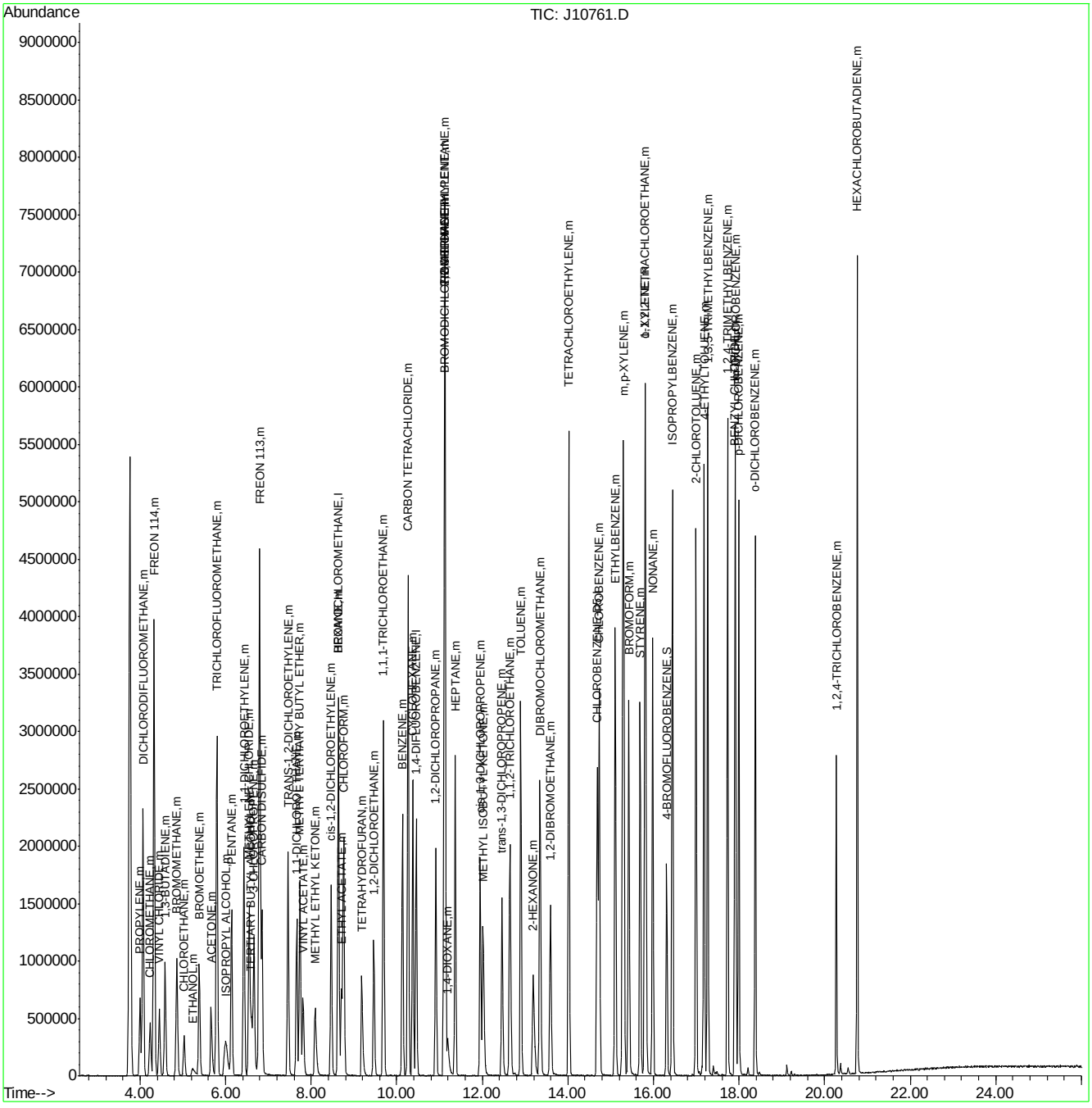
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	1328709	20.79	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.95	75	1134927	20.95	PPBV	99
46) TOLUENE	12.90	92	1555485	21.83	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.46	75	1116511	21.64	PPBV	100
48) 1,1,2-TRICHLOROETHANE	12.64	83	735367	19.85	PPBV	98
50) 2-HEXANONE	13.19	43	1101114	19.31	PPBV	98
51) TETRACHLOROETHYLENE	14.02	164	1376071	18.11	PPBV	99
52) DIBROMOCHLOROMETHANE	13.35	129	2009603	18.48	PPBV	100
53) 1,2-DIBROMOETHANE	13.59	107	1441605	19.53	PPBV	100
54) CHLOROBENZENE	14.73	112	2241251	19.68	PPBV	98
55) ETHYLBENZENE	15.10	91	3467143	22.91	PPBV	100
56) m,p-XYLENE	15.30	106	2845107	47.36	PPBV	93
57) o-XYLENE	15.80	106	1426570	23.82	PPBV	100
58) STYRENE	15.69	104	2007810	26.42	PPBV	99
59) NONANE	15.98	43	1460417	25.31	PPBV	99
60) BROMOFORM	15.42	173	2078269	19.57	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.81	83	1775445	19.32	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	4107649	21.34	PPBV	100
64) 2-CHLOROTOLUENE	16.99	91	2835921	23.70	PPBV	99
65) 4-ETHYLTOLUENE	17.18	105	3806406	28.05	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.27	105	3387077	23.76	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	3099470	28.38	PPBV	99
68) m-DICHLOROBENZENE	17.92	146	2170042	24.99	PPBV	99
69) BENZYL CHLORIDE	17.90	91	1751353	27.91	PPBV	99
70) p-DICHLOROBENZENE	17.99	146	2074835	27.10	PPBV	100
71) o-DICHLOROBENZENE	18.38	146	1882975	23.84	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	1234888	14.47	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	751691	31.20	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10761.D
Acq On : 25 Jun 2007 1:59 pm
Operator : danat
Sample : ic557-20 (m172)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 14:27:27 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 10:46:18 2007
Response via : Initial Calibration



ACCUTEST Laboratories
M65798

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 06/27/07 12:10

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10762.D
Acq On : 25 Jun 2007 2:46 pm
Operator : danat
Sample : icc557-10 (m172)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 15:23:25 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 14:28:31 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	435479	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.45	114	1969866	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1764652m	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.30	95	583931	5.34	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 106.80%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	1350686	8.27	PPBV	100
3) PROPYLENE	4.00	41	220095	9.48	PPBV	93
4) FREON 114	4.32	85	1173284	8.28	PPBV	96
5) CHLOROMETHANE	4.23	50	287355	8.12	PPBV	96
6) VINYL CHLORIDE	4.45	62	345667	8.64	PPBV	98
7) 1,3-BUTADIENE	4.58	39	258505	9.32	PPBV	99
8) BROMOMETHANE	4.86	94	404909	9.08	PPBV	99
9) CHLOROETHANE	5.03	64	167579	9.27	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.79	101	1401103	8.20	PPBV	99
11) ISOPROPYL ALCOHOL	5.98	45	463083	8.76	PPBV	99
12) ACETONE	5.66	43	444757	4.08	PPBV	99
13) PENTANE	6.13	42	301926	6.60	PPBV	100
14) 1,1-DICHLOROETHYLENE	6.42	96	406910	9.56	PPBV	94
15) CARBON DISULFIDE	6.85	76	1127717	8.52	PPBV	99
16) ETHANOL	5.23	45	73337	7.06	PPBV #	42
17) BROMOETHENE	5.38	106	414946	9.65	PPBV	99
18) METHYLENE CHLORIDE	6.55	84	373389	3.98	PPBV	95
19) 3-CHLOROPROPENE	6.66	39	285284	8.15	PPBV	97
20) FREON 113	6.79	151	871991	8.09	PPBV	93
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	386503	9.37	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.57	59	624283	10.78	PPBV	93
23) METHYL TERTIARY BUTYL ETHE	7.73	73	852899	10.11	PPBV	98
24) TETRAHYDROFURAN	9.18	42	249443	9.30	PPBV	96
25) HEXANE	8.63	57	408666	7.43	PPBV	97
26) VINYL ACETATE	7.81	43	503064	8.18	PPBV	98
27) 1,1-DICHLOROETHANE	7.66	63	608748	8.39	PPBV	99
28) METHYL ETHYL KETONE	8.08	43	483306	8.77	PPBV	97
29) cis-1,2-DICHLOROETHYLENE	8.46	96	354210	8.87	PPBV	98
30) ETHYL ACETATE	8.70	43	520452	9.21	PPBV	94
31) CHLOROFORM	8.75	83	841439	8.09	PPBV	100
32) 1,1,1-TRICHLOROETHANE	9.68	97	994473	8.38	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	1282101	8.72	PPBV	100
34) 1,2-DICHLOROETHANE	9.45	62	499568	8.46	PPBV	99
36) BENZENE	10.12	78	875102	9.27	PPBV	99
37) CYCLOHEXANE	10.37	84	442296	9.26	PPBV	96
38) TRICHLOROETHYLENE	11.12	95	474105	8.98	PPBV	98
39) 1,2-DICHLOROPROPANE	10.90	63	286039	8.83	PPBV	99
40) BROMODICHLOROMETHANE	11.09	83	805575	8.28	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	1388095	9.93	PPBV	100
42) 1,4-DIOXANE	11.18	88	159421	8.50	PPBV	94
43) HEPTANE	11.36	43	447455	10.32	PPBV	97

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10762.D
Acq On : 25 Jun 2007 2:46 pm
Operator : danat
Sample : icc557-10 (m172)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 15:23:25 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 14:28:31 2007
Response via : Initial Calibration

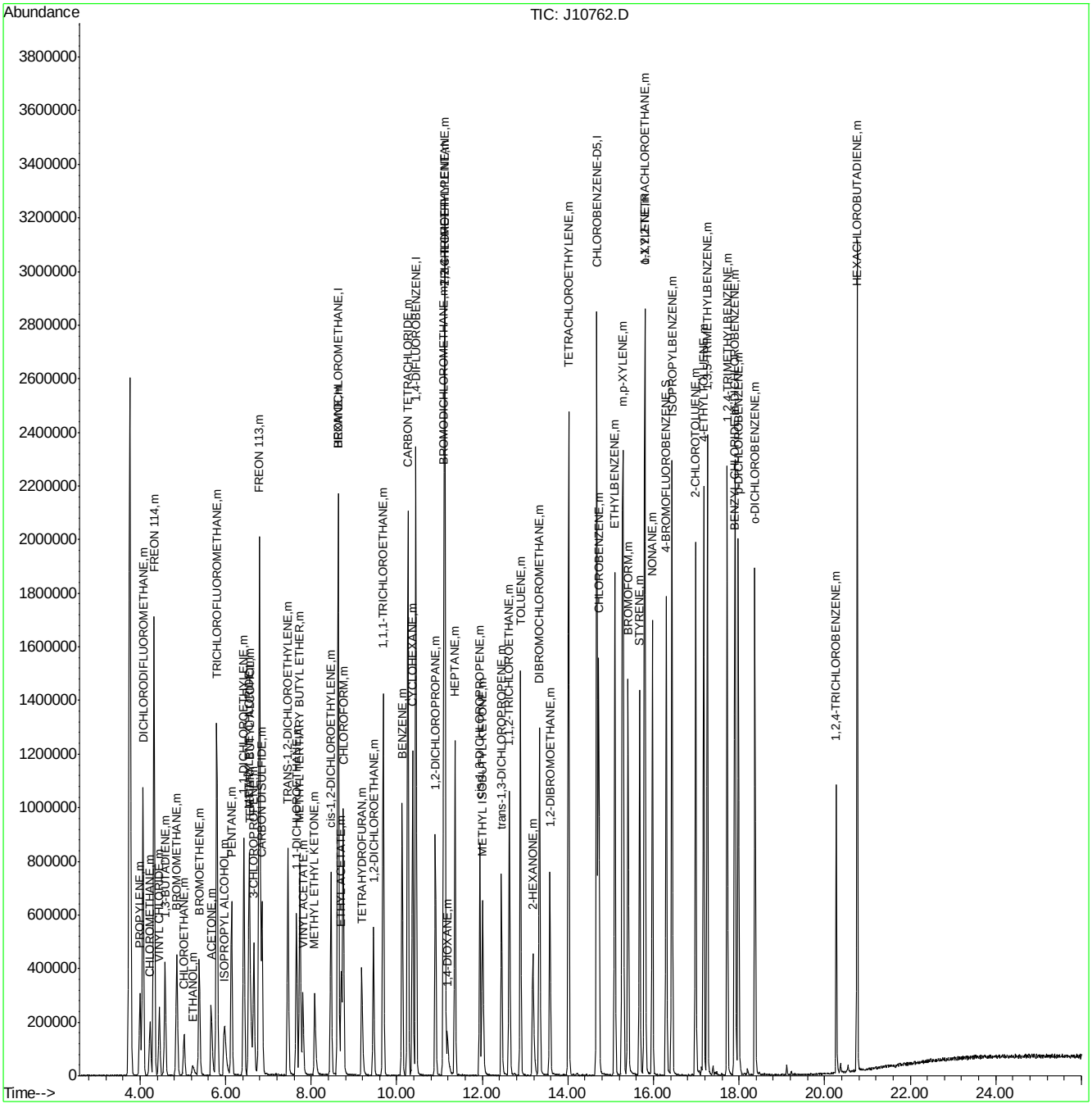
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.00	43	539564	8.93	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.94	75	453130	10.63	PPBV	99
46) TOLUENE	12.89	92	629342	10.15	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	434192	10.90	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.63	83	309691	8.77	PPBV	97
50) 2-HEXANONE	13.18	43	450763	9.89	PPBV	97
51) TETRACHLOROETHYLENE	14.01	164	560515	9.26	PPBV	99
52) DIBROMOCHLOROMETHANE	13.33	129	826906	9.12	PPBV	100
53) 1,2-DIBROMOETHANE	13.58	107	580229	9.75	PPBV	99
54) CHLOROBENZENE	14.72	112	916519	9.67	PPBV	97
55) ETHYLBENZENE	15.10	91	1404295	12.30	PPBV	99
56) m,p-XYLENE	15.29	106	1155267	24.70	PPBV	95
57) o-XYLENE	15.79	106	579875	12.87	PPBV	100
58) STYRENE	15.67	104	742923	12.75	PPBV	99
59) NONANE	15.98	43	587305	10.56	PPBV	98
60) BROMOFORM	15.40	173	821936	9.39	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.80	83	708231	9.47	PPBV	98
63) ISOPROPYLBENZENE	16.43	105	1632690	12.47	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	1106798	12.37	PPBV	99
65) 4-ETHYLTOLUENE	17.17	105	1373761	12.34	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1296793	12.68	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	1176217	12.92	PPBV	100
68) m-DICHLOROBENZENE	17.91	146	852323	11.72	PPBV	99
69) BENZYL CHLORIDE	17.89	91	682120	10.60	PPBV	99
70) p-DICHLOROBENZENE	17.99	146	824827	12.60	PPBV	99
71) o-DICHLOROBENZENE	18.37	146	740112	11.41	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	521974	9.32	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	292550	10.01	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10762.D
Acq On : 25 Jun 2007 2:46 pm
Operator : danat
Sample : icc557-10 (m172)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 15:23:25 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 14:28:31 2007
Response via : Initial Calibration



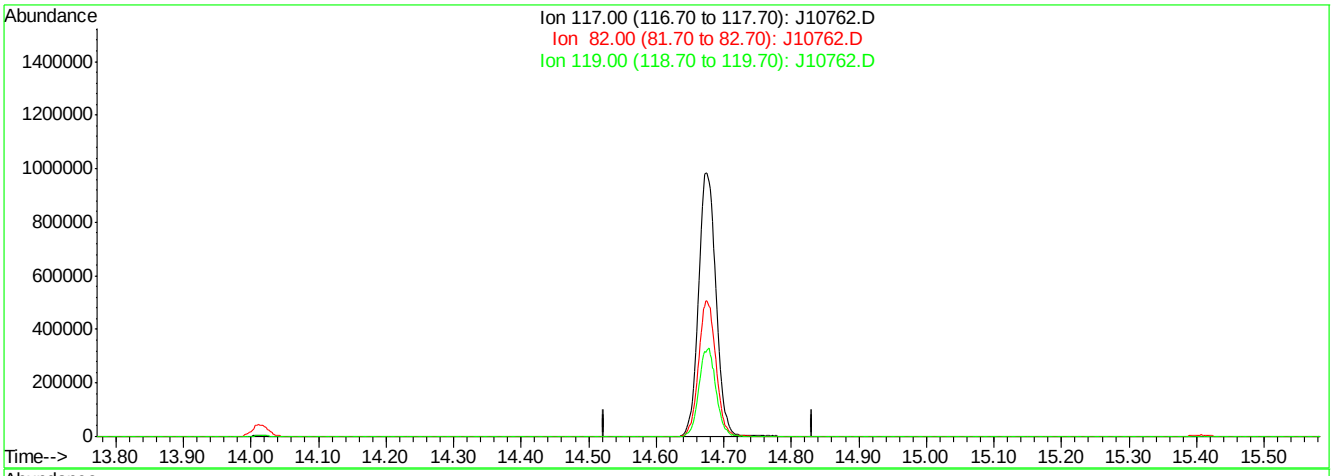
ACCUTEST Laboratories M65798

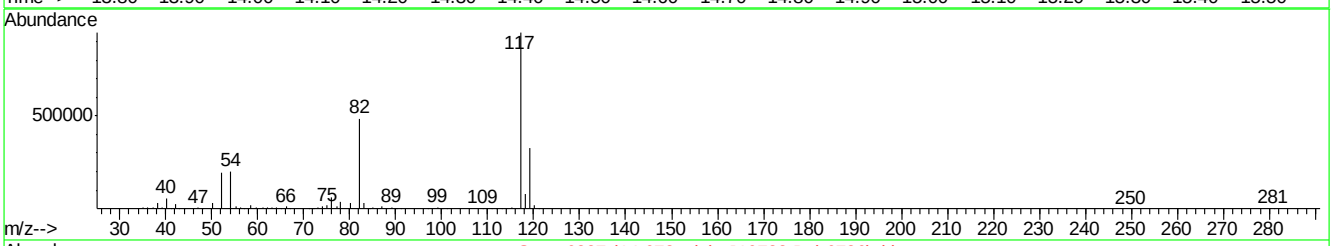
Quantitation Report (Qedit)

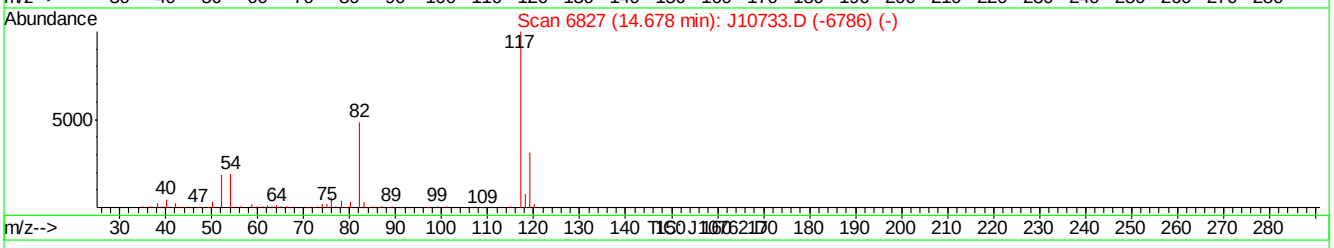
Data File : C:\MSDChem\1\data\J10762.D Vial: 3
Acq On : 25 Jun 2007 2:46 pm Operator: danat
Sample : icc557-10 (m172) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 15:22:12 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 14:28:31 2007
Response via : Multiple Level Calibration







(49) CHLOROBENZENE-D5 (I)

14.68min 0.00PPBV

response 0

Ion	Exp%	Act%
117.00	100	0.00
82.00	0.00	0.00
119.00	0.00	0.00
0.00	0.00	0.00

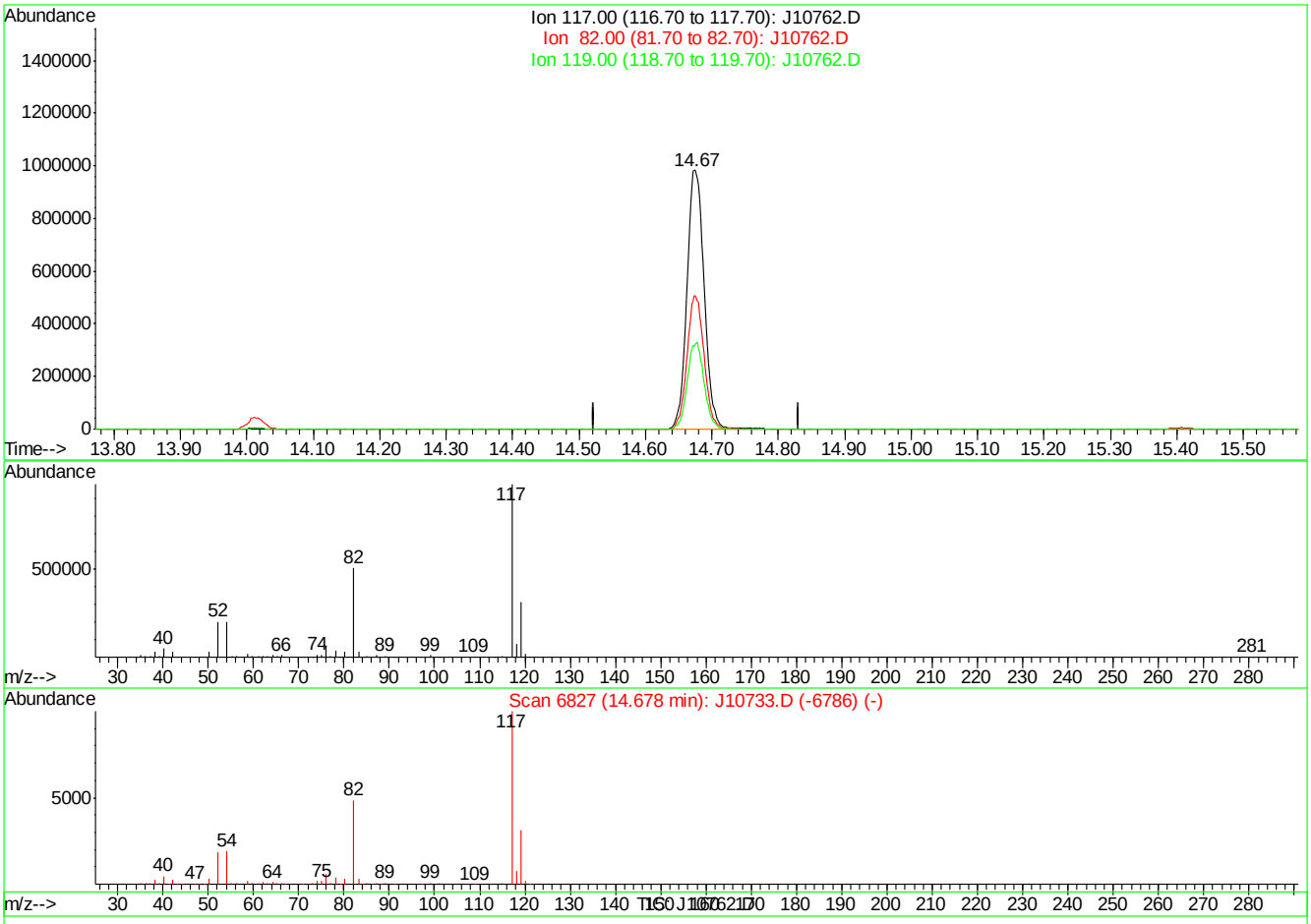
J10762.D J062507T.M Mon Jun 25 15:23:01 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10762.D Vial: 3
Acq On : 25 Jun 2007 2:46 pm Operator: danat
Sample : icc557-10 (m172) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 15:22:12 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 14:28:31 2007
Response via : Multiple Level Calibration



(49) CHLOROBENZENE-D5 (I)

14.67min 10.00PPBV m

response 1764652

Ion	Exp%	Act%
117.00	100	100
82.00	0.00	0.00
119.00	0.00	0.00
0.00	0.00	0.00

J10762.D J062507T.M Mon Jun 25 15:23:09 2007

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 06/27/07 12:10

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10763.D
Acq On : 25 Jun 2007 3:34 pm
Operator : danat
Sample : ic557-5 (m172)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 16:23:30 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 15:23:46 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	438436	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	2029733	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1791020m	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	561280	4.99	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 99.80%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	714628	4.50	PPBV	99
3) PROPYLENE	4.00	41	109425	4.73	PPBV	88
4) FREON 114	4.33	85	605475	4.40	PPBV	99
5) CHLOROMETHANE	4.24	50	149527	4.36	PPBV	89
6) VINYL CHLORIDE	4.46	62	175522	4.48	PPBV	98
7) 1,3-BUTADIENE	4.58	39	130541	4.74	PPBV	96
8) BROMOMETHANE	4.87	94	201359	4.57	PPBV	99
9) CHLOROETHANE	5.04	64	80518	4.49	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.80	101	720999	4.35	PPBV	99
11) ISOPROPYL ALCOHOL	5.97	45	183646	3.56	PPBV	86
12) ACETONE	5.68	43	208176	2.15	PPBV	98
13) PENTANE	6.14	42	152624	3.56	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.43	96	195225	4.60	PPBV	99
15) CARBON DISULFIDE	6.85	76	570240	4.41	PPBV	99
16) ETHANOL	5.26	45	29722	3.07	PPBV #	55
17) BROMOETHENE	5.39	106	199831	4.65	PPBV	100
18) METHYLENE CHLORIDE	6.55	84	188528	2.27	PPBV	99
19) 3-CHLOROPROPENE	6.66	39	139750	4.12	PPBV	98
20) FREON 113	6.80	151	428888	4.11	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	181599	4.43	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.57	59	222333	3.74	PPBV	98
23) METHYL TERTIARY BUTYL ETHE	7.75	73	364983	4.29	PPBV	98
24) TETRAHYDROFURAN	9.19	42	105474	3.97	PPBV	97
25) HEXANE	8.63	57	195078	3.71	PPBV	98
26) VINYL ACETATE	7.81	43	232109	3.93	PPBV	98
27) 1,1-DICHLOROETHANE	7.66	63	301919	4.27	PPBV	99
28) METHYL ETHYL KETONE	8.09	43	209889	3.88	PPBV	97
29) cis-1,2-DICHLOROETHYLENE	8.46	96	163543	4.16	PPBV	99
30) ETHYL ACETATE	8.70	43	228503	4.10	PPBV	98
31) CHLOROFORM	8.74	83	406387	4.03	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.68	97	471322	4.08	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	596154	4.13	PPBV	99
34) 1,2-DICHLOROETHANE	9.46	62	243904	4.23	PPBV	99
36) BENZENE	10.12	78	408870	4.27	PPBV	99
37) CYCLOHEXANE	10.37	84	203247	4.21	PPBV	99
38) TRICHLOROETHYLENE	11.11	95	221572	4.16	PPBV	99
39) 1,2-DICHLOROPROPANE	10.90	63	137660	4.22	PPBV	100
40) BROMODICHLOROMETHANE	11.09	83	386392	3.99	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	629580	4.38	PPBV	99
42) 1,4-DIOXANE	11.20	88	57106	3.07	PPBV	98
43) HEPTANE	11.36	43	204281	4.54	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10763.D
Acq On : 25 Jun 2007 3:34 pm
Operator : danat
Sample : ic557-5 (m172)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 16:23:30 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 15:23:46 2007
Response via : Initial Calibration

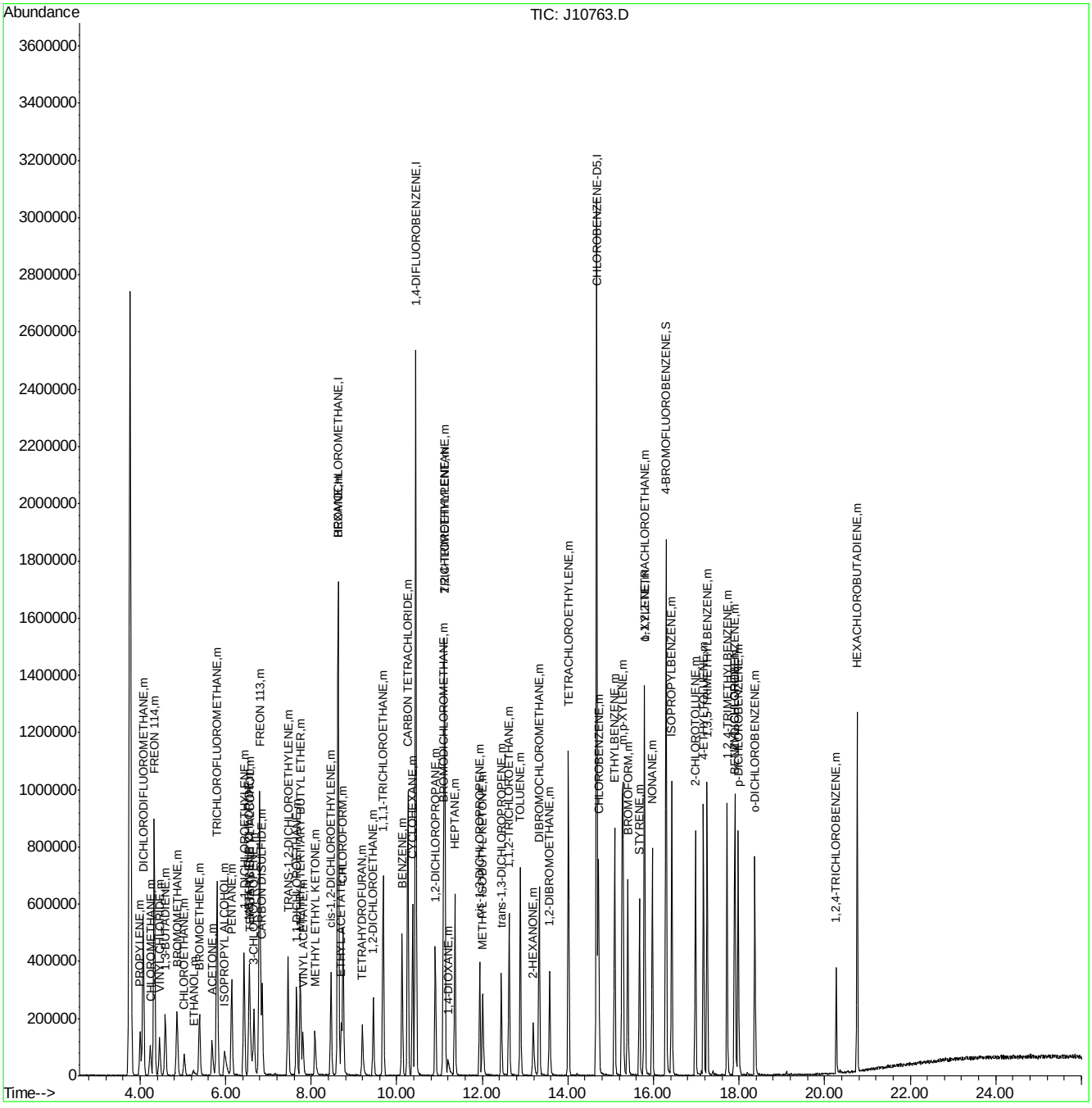
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	211276	3.49	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.94	75	196043	4.41	PPBV	98
46) TOLUENE	12.89	92	283875	4.43	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.44	75	185278	4.43	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.63	83	146101	4.12	PPBV	99
50) 2-HEXANONE	13.19	43	164292	3.56	PPBV	100
51) TETRACHLOROETHYLENE	14.01	164	253693	4.19	PPBV	99
52) DIBROMOCHLOROMETHANE	13.33	129	376233	4.16	PPBV	99
53) 1,2-DIBROMOETHANE	13.57	107	258481	4.30	PPBV	100
54) CHLOROBENZENE	14.72	112	415160	4.34	PPBV	99
55) ETHYLBENZENE	15.09	91	602996	4.97	PPBV	100
56) m,p-XYLENE	15.27	106	500168	10.06	PPBV	95
57) o-XYLENE	15.78	106	244731	5.06	PPBV	98
58) STYRENE	15.67	104	288962	4.63	PPBV	99
59) NONANE	15.97	43	249331	4.36	PPBV	99
60) BROMOFORM	15.40	173	354581	4.04	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.80	83	310190	4.13	PPBV	99
63) ISOPROPYLBENZENE	16.43	105	674847	4.84	PPBV	99
64) 2-CHLOROTOLUENE	16.98	91	448533	4.71	PPBV	99
65) 4-ETHYLTOLUENE	17.17	105	539487	4.56	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	524025	4.79	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	456188	4.67	PPBV	99
68) m-DICHLOROBENZENE	17.90	146	360966	4.73	PPBV	100
69) BENZYL CHLORIDE	17.89	91	254307	3.84	PPBV	99
70) p-DICHLOROBENZENE	17.98	146	343837	4.92	PPBV	100
71) o-DICHLOROBENZENE	18.37	146	304207	4.49	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	206655	3.69	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.27	180	101637	3.43	PPBV	100

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10763.D
Acq On : 25 Jun 2007 3:34 pm
Operator : danat
Sample : ic557-5 (m172)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 16:23:30 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 15:23:46 2007
Response via : Initial Calibration



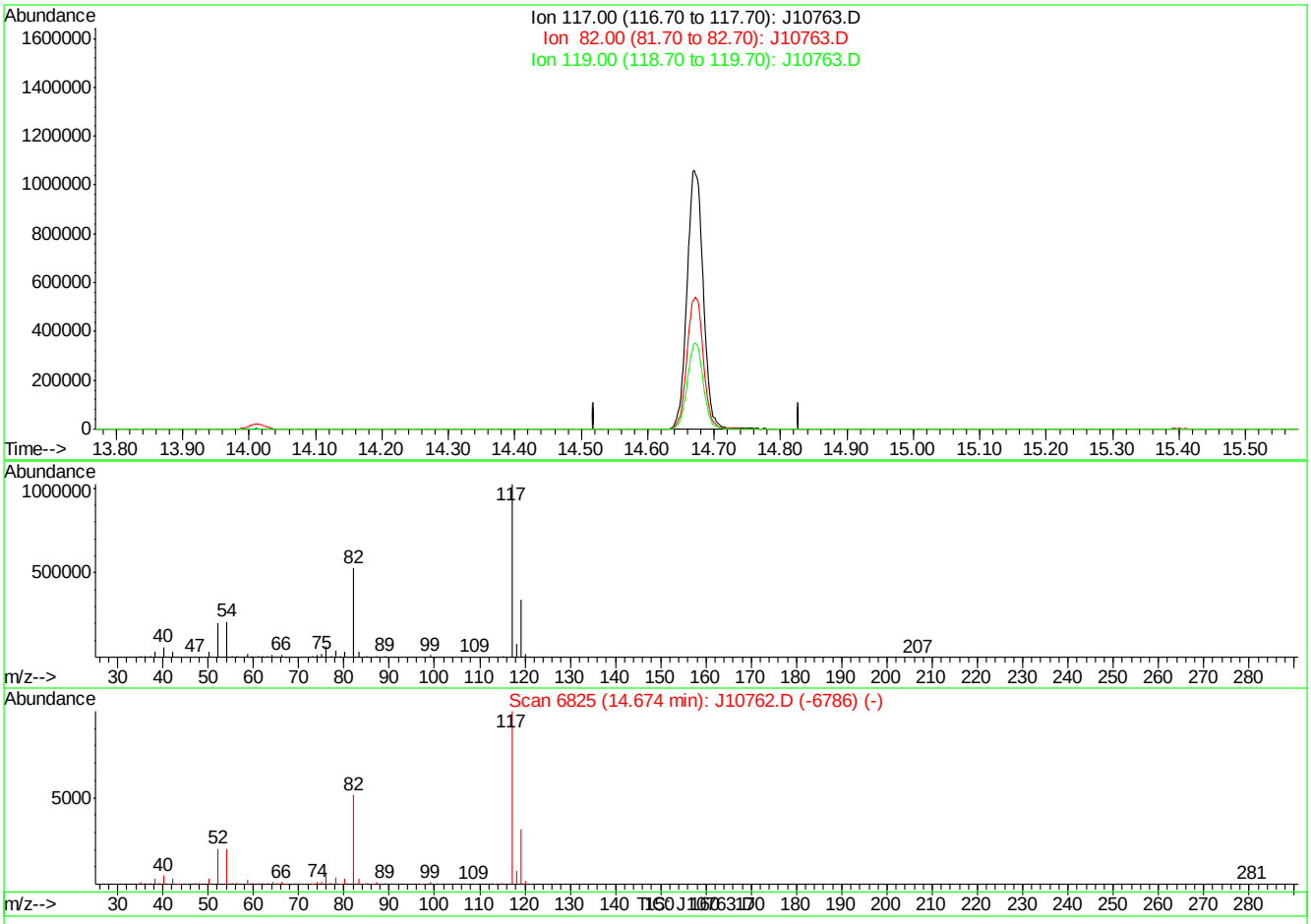
ACCUTEST Laboratories M65798

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10763.D Vial: 3
Acq On : 25 Jun 2007 3:34 pm Operator: danat
Sample : ic557-5 (m172) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 16:22:09 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 15:23:46 2007
Response via : Multiple Level Calibration



(49) CHLOROBENZENE-D5 (I)

14.67min 0.00PPBV

response 0

Ion	Exp%	Act%
117.00	100	0.00
82.00	0.00	0.00
119.00	0.00	0.00
0.00	0.00	0.00

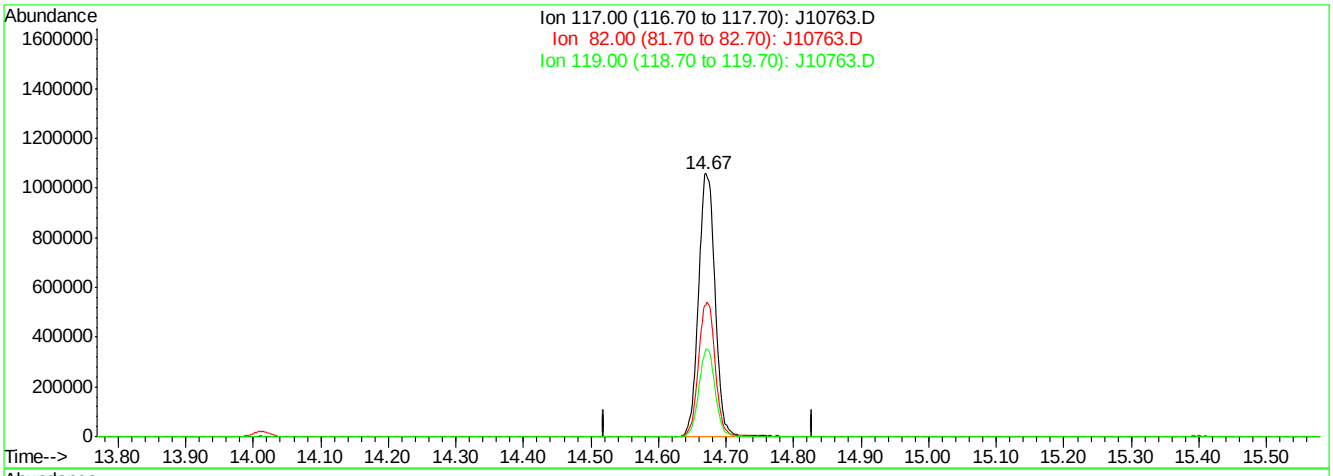
J10763.D J062507T.M Mon Jun 25 16:23:06 2007

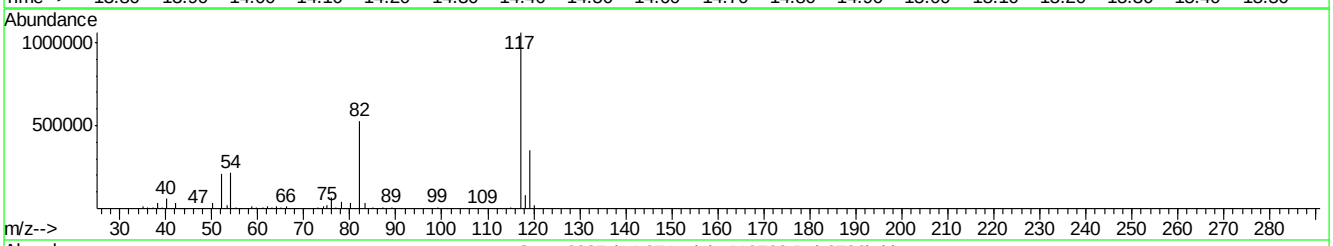
Quantitation Report (Qedit)

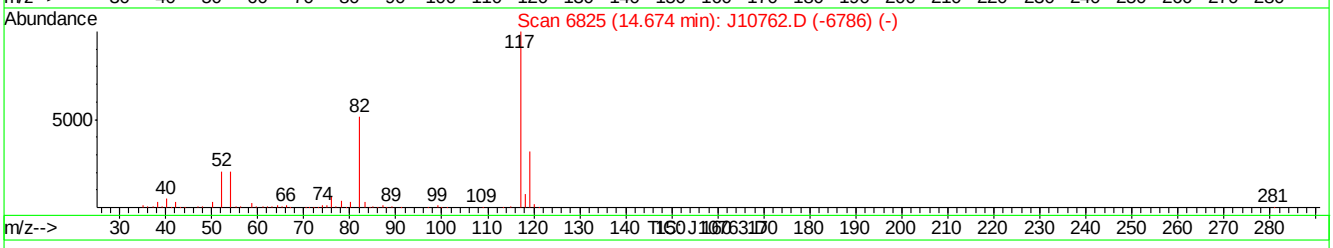
Data File : C:\MSDChem\1\data\J10763.D Vial: 3
Acq On : 25 Jun 2007 3:34 pm Operator: danat
Sample : ic557-5 (m172) Inst : MSJ
Misc : MS13762, MSJ557,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 25 16:22:09 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 15:23:46 2007
Response via : Multiple Level Calibration







(49) CHLOROBENZENE-D5 (I)

14.67min 10.00PPBV m

response 1791020

Ion	Exp%	Act%
117.00	100	100
82.00	0.00	0.00
119.00	0.00	0.00
0.00	0.00	0.00

J10763.D J062507T.M Mon Jun 25 16:23:12 2007

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10765.D
Acq On : 25 Jun 2007 5:14 pm
Operator : danat
Sample : ic557-2 (m140)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 18:15:00 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 17:37:45 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	416388	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1921784	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1702630	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	556279	5.17	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 103.40%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	296329	2.00	PPBV	99
3) PROPYLENE	4.00	41	43986	2.02	PPBV	84
4) FREON 114	4.33	85	269733	2.09	PPBV	99
5) CHLOROMETHANE	4.24	50	66645	2.08	PPBV	90
6) VINYL CHLORIDE	4.45	62	76463	2.08	PPBV	95
7) 1,3-BUTADIENE	4.59	39	53443	2.05	PPBV	92
8) BROMOMETHANE	4.86	94	89596	2.15	PPBV	100
9) CHLOROETHANE	5.03	64	37742	2.21	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.79	101	330975	2.12	PPBV	99
11) ISOPROPYL ALCOHOL	5.97	45	104703	2.22	PPBV	95
12) ACETONE	5.67	43	132381	2.45	PPBV	98
13) PENTANE	6.14	42	66618	2.11	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.43	96	78982	1.99	PPBV	98
15) CARBON DISULFIDE	6.85	76	243014	2.02	PPBV	97
16) ETHANOL	5.25	45	15706	2.19	PPBV	85
17) BROMOETHENE	5.38	106	79593	1.98	PPBV	99
18) METHYLENE CHLORIDE	6.55	84	185654	4.10	PPBV	97
19) 3-CHLOROPROPENE	6.66	39	64079	2.04	PPBV	96
20) FREON 113	6.79	151	210410	2.16	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	78765	2.05	PPBV	98
22) TERTIARY BUTYL ALCOHOL	6.59	59	86293	1.66	PPBV #	57
23) METHYL TERTIARY BUTYL ETHE	7.74	73	165977	2.09	PPBV	95
24) TETRAHYDROFURAN	9.20	42	47795	1.98	PPBV	97
25) HEXANE	8.63	57	102346	2.12	PPBV	93
26) VINYL ACETATE	7.80	43	98463	1.86	PPBV	93
27) 1,1-DICHLOROETHANE	7.66	63	151812	2.27	PPBV	99
28) METHYL ETHYL KETONE	8.09	43	112098	2.22	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.46	96	76910	2.10	PPBV	98
30) ETHYL ACETATE	8.70	43	114716	2.20	PPBV	96
31) CHLOROFORM	8.74	83	203922	2.17	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.68	97	247067	2.27	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	289524	2.15	PPBV	99
34) 1,2-DICHLOROETHANE	9.45	62	118636	2.19	PPBV	99
36) BENZENE	10.12	78	197180	2.19	PPBV	100
37) CYCLOHEXANE	10.37	84	80360	1.84	PPBV	99
38) TRICHLOROETHYLENE	11.11	95	107542	2.16	PPBV	96
39) 1,2-DICHLOROPROPANE	10.90	63	65755	2.16	PPBV	96
40) BROMODICHLOROMETHANE	11.08	83	189190	2.12	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	304219	2.24	PPBV	97
42) 1,4-DIOXANE	11.20	88	38214	2.28	PPBV	84
43) HEPTANE	11.35	43	98303	2.29	PPBV	96

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10765.D
Acq On : 25 Jun 2007 5:14 pm
Operator : danat
Sample : ic557-2 (m140)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 18:15:00 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 17:37:45 2007
Response via : Initial Calibration

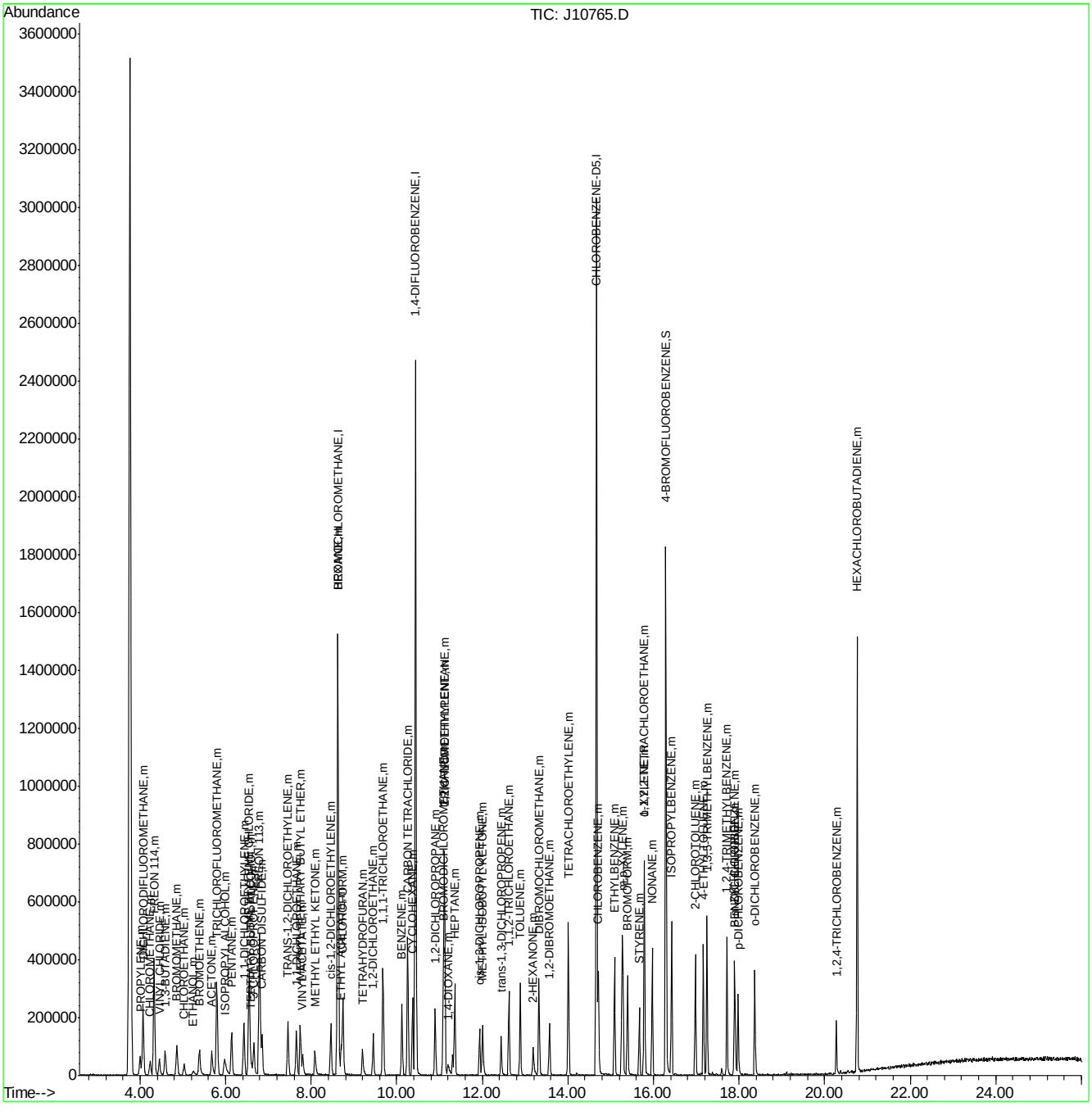
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.00	43	114732	2.11	PPBV	96
45) cis-1,3-DICHLOROPROPENE	11.94	75	78476	2.34	PPBV	98
46) TOLUENE	12.88	92	121156	2.03	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.44	75	66797	2.34	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.62	83	69047	2.10	PPBV	99
50) 2-HEXANONE	13.19	43	78875	1.92	PPBV	91
51) TETRACHLOROETHYLENE	14.01	164	117794	2.09	PPBV	99
52) DIBROMOCHLOROMETHANE	13.32	129	178391	2.12	PPBV	99
53) 1,2-DIBROMOETHANE	13.57	107	113120	2.02	PPBV	100
54) CHLOROBENZENE	14.71	112	187368	2.09	PPBV	99
55) ETHYLBENZENE	15.09	91	250836	2.31	PPBV	99
56) m,p-XYLENE	15.28	106	214227	4.79	PPBV	89
57) o-XYLENE	15.78	106	108566	2.47	PPBV	97
58) STYRENE	15.67	104	98160	2.29	PPBV	99
59) NONANE	15.97	43	129292	2.91	PPBV	97
60) BROMOFORM	15.40	173	171039	2.10	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	177617	2.46	PPBV	97
63) ISOPROPYLBENZENE	16.42	105	322513	2.54	PPBV	98
64) 2-CHLOROTOLUENE	16.98	91	204342	2.54	PPBV	100
65) 4-ETHYLTOLUENE	17.16	105	236988	2.58	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	266609	2.72	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	215214	2.68	PPBV	100
68) m-DICHLOROBENZENE	17.90	146	143005	2.57	PPBV	99
69) BENZYL CHLORIDE	17.89	91	78599	2.83	PPBV	97
70) p-DICHLOROBENZENE	17.98	146	117186	2.42	PPBV	100
71) o-DICHLOROBENZENE	18.37	146	141509	2.74	PPBV	100
72) HEXACHLOROBUTADIENE	20.76	225	252852	4.77	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	49876	2.97	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10765.D
Acq On : 25 Jun 2007 5:14 pm
Operator : danat
Sample : ic557-2 (m140)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 18:15:00 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 17:37:45 2007
Response via : Initial Calibration



ACCUTEST Laboratories M65798

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10768.D
Acq On : 26 Jun 2007 11:20 am
Operator : danat
Sample : icv557-10 (M080)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 26 11:51:48 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:16:44 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	405778	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.45	114	1774169	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.68	117	1608427	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.30	95	541254	5.33	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 106.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	1522377	10.54	PPBV	100
3) PROPYLENE	4.00	41	243219	11.44	PPBV	97
4) FREON 114	4.33	85	1185220	9.42	PPBV	99
5) CHLOROMETHANE	4.24	50	311223	9.95	PPBV	97
6) VINYL CHLORIDE	4.46	62	351902	9.81	PPBV	100
7) 1,3-BUTADIENE	4.59	39	261957	10.32	PPBV	94
8) BROMOMETHANE	4.86	94	401363	9.86	PPBV	99
9) CHLOROETHANE	5.04	64	162806	9.80	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.80	101	1451070	9.56	PPBV	100
11) ISOPROPYL ALCOHOL	5.98	45	415024	9.02	PPBV	99
12) ACETONE	5.67	43	413182	8.82	PPBV	97
13) PENTANE	6.14	42	308718	10.10	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.43	96	366272	9.46	PPBV	96
15) CARBON DISULFIDE	6.86	76	1095507	9.33	PPBV	99
16) ETHANOL	5.24	45	69861	9.66	PPBV #	63
17) BROMOETHENE	5.39	106	388340	9.89	PPBV	99
18) METHYLENE CHLORIDE	6.56	84	332134	8.51	PPBV	97
19) 3-CHLOROPROPENE	6.67	39	295219	9.65	PPBV	96
20) FREON 113	6.80	151	829450	8.73	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	355774	9.51	PPBV	96
22) TERTIARY BUTYL ALCOHOL	6.58	59	573470	11.34	PPBV	95
23) METHYL TERTIARY BUTYL ETHE	7.75	73	752569	9.72	PPBV	98
24) TETRAHYDROFURAN	9.19	42	230424	9.80	PPBV	96
25) HEXANE	8.64	57	388541	8.26	PPBV	97
26) VINYL ACETATE	7.81	43	444920	8.62	PPBV	97
27) 1,1-DICHLOROETHANE	7.66	63	607417	9.30	PPBV	99
28) METHYL ETHYL KETONE	8.08	43	459121	9.34	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.47	96	333938	9.37	PPBV	98
30) ETHYL ACETATE	8.70	43	483427	9.52	PPBV	96
31) CHLOROFORM	8.75	83	848036	9.26	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.69	97	1000451	9.43	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	1328522	10.12	PPBV	100
34) 1,2-DICHLOROETHANE	9.46	62	503150	9.53	PPBV	99
36) BENZENE	10.13	78	826238	9.95	PPBV	99
37) CYCLOHEXANE	10.37	84	430955	10.71	PPBV	99
38) TRICHLOROETHYLENE	11.12	95	480147	10.46	PPBV	99
39) 1,2-DICHLOROPROPANE	10.91	63	282235	10.04	PPBV	98
40) BROMODICHLOROMETHANE	11.10	83	800209	9.69	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	1446517	11.52	PPBV	99
42) 1,4-DIOXANE	11.19	88	154868	10.03	PPBV	94
43) HEPTANE	11.36	43	449238	11.33	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10768.D
Acq On : 26 Jun 2007 11:20 am
Operator : danat
Sample : icv557-10 (M080)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 26 11:51:48 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:16:44 2007
Response via : Initial Calibration

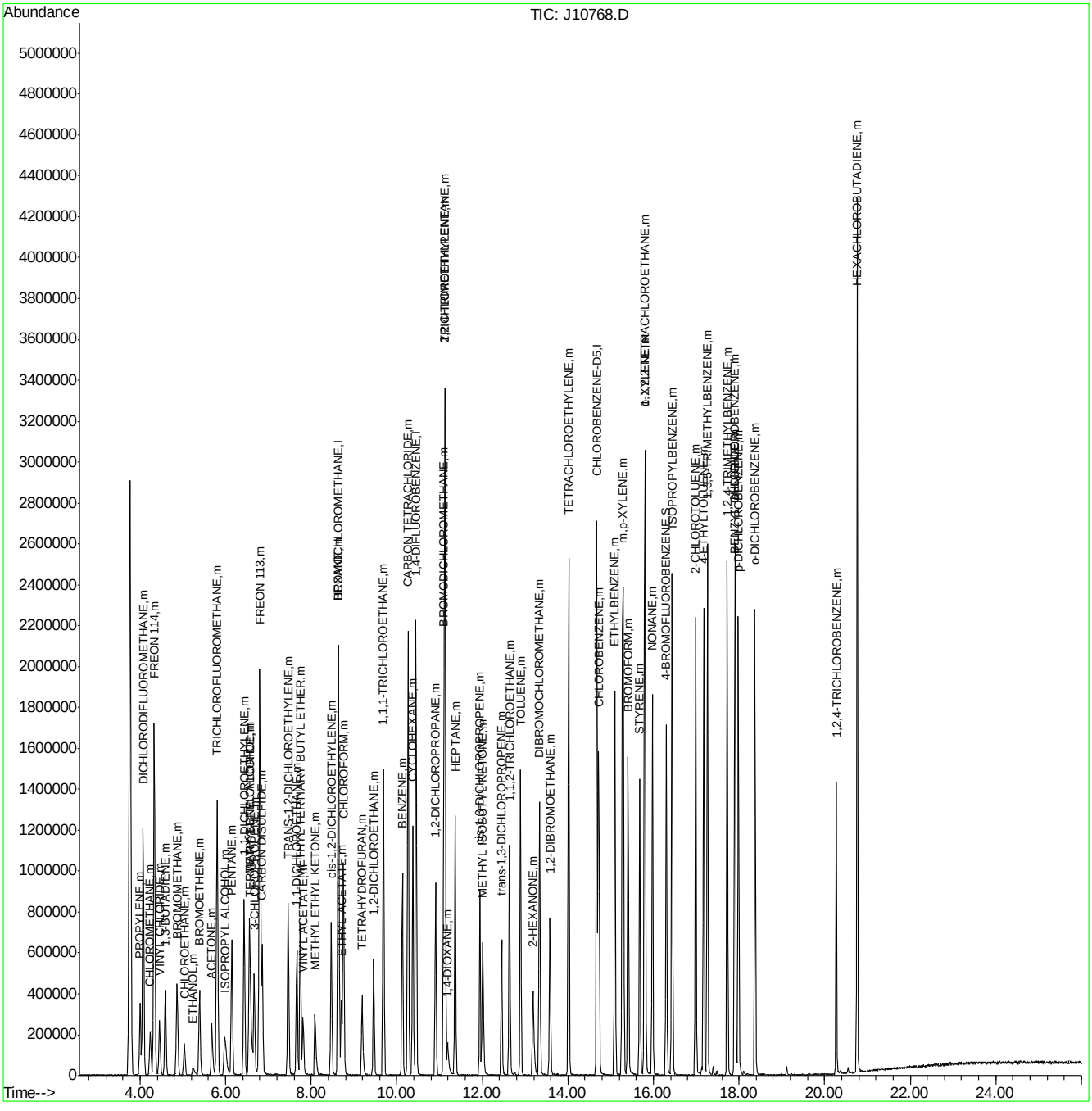
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	525462	10.45	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.94	75	449981	9.40	PPBV	98
46) TOLUENE	12.89	92	607046	11.02	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	363600	8.70	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.63	83	311357	10.26	PPBV	100
50) 2-HEXANONE	13.18	43	414964	10.71	PPBV	98
51) TETRACHLOROETHYLENE	14.01	164	566785	10.63	PPBV	99
52) DIBROMOCHLOROMETHANE	13.33	129	821977	10.32	PPBV	99
53) 1,2-DIBROMOETHANE	13.58	107	567087	10.73	PPBV	100
54) CHLOROBENZENE	14.72	112	903059	10.67	PPBV	99
55) ETHYLBENZENE	15.09	91	1383062	9.77	PPBV	99
56) m,p-XYLENE	15.29	106	1169778	19.85	PPBV	100
57) o-XYLENE	15.79	106	586073	9.86	PPBV	96
58) STYRENE	15.68	104	745560	9.22	PPBV	100
59) NONANE	15.97	43	633071	10.45	PPBV	99
60) BROMOFORM	15.41	173	849663	11.05	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.80	83	805776	11.83	PPBV	99
63) ISOPROPYLBENZENE	16.43	105	1742787	10.23	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	1212518	10.23	PPBV	99
65) 4-ETHYLTOLUENE	17.17	105	1406510	9.08	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1418178	9.99	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	1305298	9.95	PPBV	99
68) m-DICHLOROBENZENE	17.91	146	968226	10.22	PPBV	100
69) BENZYL CHLORIDE	17.89	91	741920	10.06	PPBV	100
70) p-DICHLOROBENZENE	17.99	146	905666	10.08	PPBV	99
71) o-DICHLOROBENZENE	18.37	146	889468	10.66	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	713152	14.41	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	368773	11.59	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10768.D
Acq On : 26 Jun 2007 11:20 am
Operator : danat
Sample : icv557-10 (M080)
Misc : MS13762, MSJ557,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 26 11:51:48 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:16:44 2007
Response via : Initial Calibration



ACCUTEST Laboratories M65798

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
06/29/07 09:54

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10794.D
Acq On : 27 Jun 2007 12:22 pm
Operator : danat
Sample : cc557-10 (M080)
Misc : MS13762, MSJ558,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:36:26 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:15:12 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.60	128	448217	10.00	PPBV	-0.02
35) 1,4-DIFLUOROBENZENE	10.43	114	1993423	10.00	PPBV	-0.01
49) CHLOROBENZENE-D5	14.68	117	1807896	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.31	95	624288	5.47	PPBV	0.01

Spiked Amount 5.000 Range 51 - 142 Recovery = 109.40%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	1491765	9.35	PPBV	99
3) PROPYLENE	4.00	41	238327	10.15	PPBV	98
4) FREON 114	4.32	85	1230912	8.85	PPBV	100
5) CHLOROMETHANE	4.23	50	312870	9.06	PPBV	95
6) VINYL CHLORIDE	4.45	62	357327	9.02	PPBV	98
7) 1,3-BUTADIENE	4.58	39	269930	9.63	PPBV	96
8) BROMOMETHANE	4.85	94	415721	9.25	PPBV	99
9) CHLOROETHANE	5.01	64	171182	9.33	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.77	101	1493290	8.91	PPBV	100
11) ISOPROPYL ALCOHOL	6.02	45	419075m	8.25	PPBV	
12) ACETONE	5.65	43	446952	8.63	PPBV	98
13) PENTANE	6.11	42	345225	10.22	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.40	96	381027	8.91	PPBV	97
15) CARBON DISULFIDE	6.83	76	1127798	8.69	PPBV	99
16) ETHANOL	5.26	45	62506	7.85	PPBV #	45
17) BROMOETHENE	5.37	106	408197	9.41	PPBV	99
18) METHYLENE CHLORIDE	6.52	84	349073	8.04	PPBV	97
19) 3-CHLOROPROPENE	6.64	39	381514	11.29	PPBV	87
20) FREON 113	6.77	151	870601	8.30	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.43	96	373533	9.04	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.62	59	521794	9.34	PPBV #	1
23) METHYL TERTIARY BUTYL ETHE	7.72	73	781106	9.13	PPBV	98
24) TETRAHYDROFURAN	9.17	42	243275	9.37	PPBV	96
25) HEXANE	8.61	57	418843	8.06	PPBV	98
26) VINYL ACETATE	7.79	43	496151	8.70	PPBV	98
27) 1,1-DICHLOROETHANE	7.63	63	643174	8.92	PPBV	100
28) METHYL ETHYL KETONE	8.07	43	480650	8.86	PPBV	98
29) cis-1,2-DICHLOROETHYLENE	8.44	96	352749	8.96	PPBV	97
30) ETHYL ACETATE	8.69	43	520756	9.28	PPBV	97
31) CHLOROFORM	8.73	83	914440	9.04	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.67	97	1027535	8.77	PPBV	98
33) CARBON TETRACHLORIDE	10.24	117	1368375	9.43	PPBV	100
34) 1,2-DICHLOROETHANE	9.44	62	532235	9.13	PPBV	99
36) BENZENE	10.11	78	875028	9.38	PPBV	100
37) CYCLOHEXANE	10.35	84	441923	9.77	PPBV	99
38) TRICHLOROETHYLENE	11.11	95	513599	9.96	PPBV	99
39) 1,2-DICHLOROPROPANE	10.90	63	302573	9.58	PPBV	99
40) BROMODICHLOROMETHANE	11.09	83	858039	9.25	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.11	57	1502406	10.65	PPBV	98
42) 1,4-DIOXANE	11.19	88	160115	9.23	PPBV	91
43) HEPTANE	11.35	43	479897	10.77	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10794.D
Acq On : 27 Jun 2007 12:22 pm
Operator : danat
Sample : cc557-10 (M080)
Misc : MS13762, MSJ558,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:36:26 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:15:12 2007
Response via : Initial Calibration

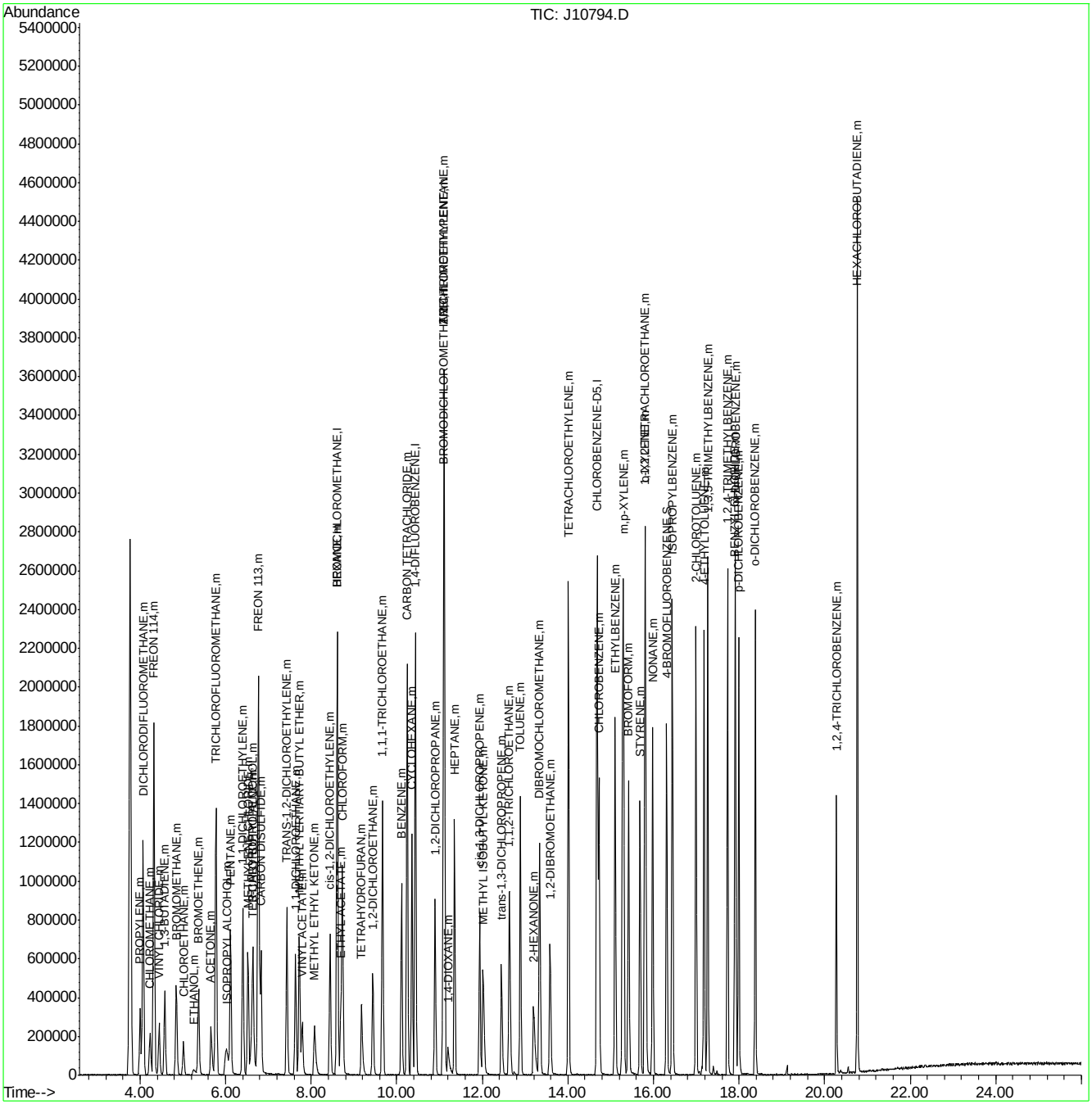
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	543429	9.62	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.94	75	467602	8.77	PPBV	98
46) TOLUENE	12.89	92	646811	10.45	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	377663	7.40	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.63	83	331583	9.72	PPBV	100
50) 2-HEXANONE	13.20	43	412930	9.48	PPBV	98
51) TETRACHLOROETHYLENE	14.01	164	599549	10.01	PPBV	99
52) DIBROMOCHLOROMETHANE	13.34	129	881504	9.85	PPBV	100
53) 1,2-DIBROMOETHANE	13.58	107	605353	10.19	PPBV	99
54) CHLOROBENZENE	14.73	112	975128	10.25	PPBV	99
55) ETHYLBENZENE	15.10	91	1494695	9.42	PPBV	99
56) m,p-XYLENE	15.29	106	1257977	19.06	PPBV	98
57) o-XYLENE	15.80	106	632636	9.50	PPBV	98
58) STYRENE	15.68	104	793216	8.79	PPBV	100
59) NONANE	15.98	43	679685	10.03	PPBV	99
60) BROMOFORM	15.42	173	907898	10.50	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.81	83	852879	11.14	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	1858669	9.75	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	1298453	9.79	PPBV	99
65) 4-ETHYLTOLUENE	17.18	105	1521114	8.79	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.27	105	1497022	9.45	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	1385029	9.47	PPBV	99
68) m-DICHLOROBENZENE	17.92	146	1012776	9.60	PPBV	100
69) BENZYL CHLORIDE	17.90	91	745817	9.22	PPBV	100
70) p-DICHLOROBENZENE	17.99	146	932970	9.35	PPBV	99
71) o-DICHLOROBENZENE	18.38	146	921354	9.93	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	747153	13.49	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.28	180	372516	10.59	PPBV	100

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10794.D
Acq On : 27 Jun 2007 12:22 pm
Operator : danat
Sample : cc557-10 (M080)
Misc : MS13762, MSJ558,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 13:36:26 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062507T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jun 25 18:15:12 2007
Response via : Initial Calibration



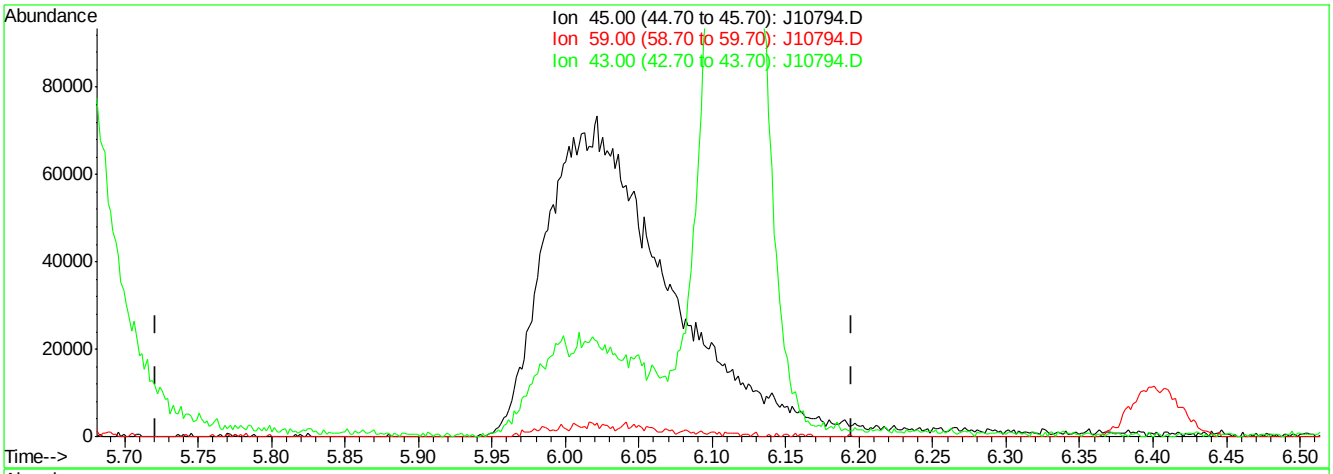
ACCUTEST Laboratories
M65798

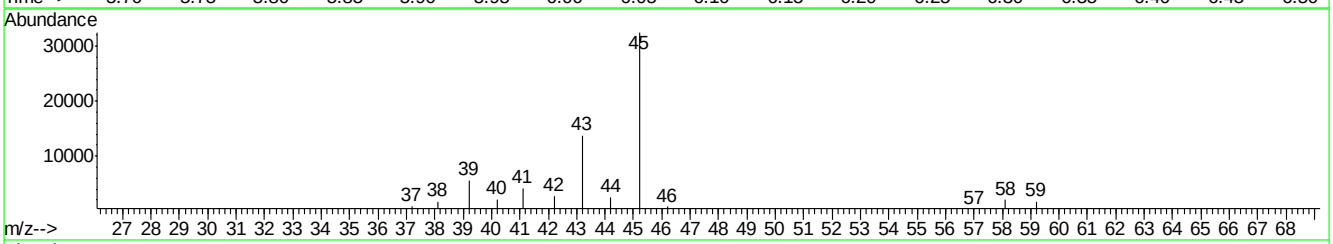
Quantitation Report (Qedit)

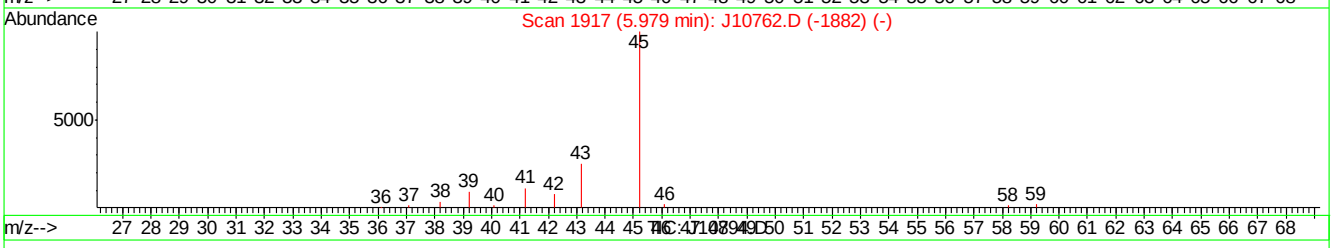
Data File : C:\MSDChem\1\data\J10794.D Vial: 1
Acq On : 27 Jun 2007 12:22 pm Operator: danat
Sample : CC557-10 (M080) Inst : MSJ
Misc : MS13762, MSJ558,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 27 13:32:31 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:15:12 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

5.98min 0.00PPBV

response 0

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

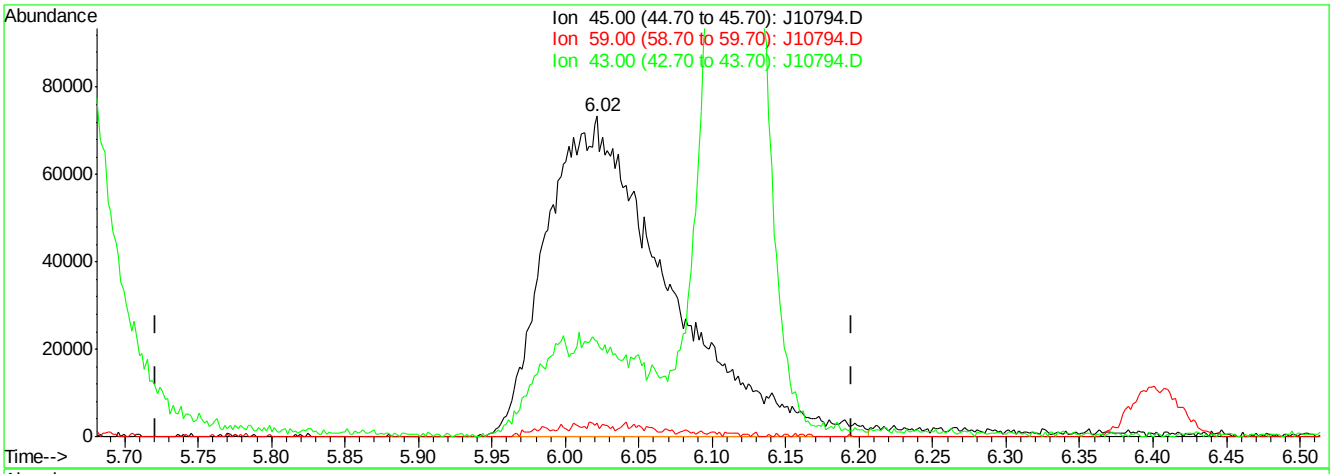
J10794.D J062507T.M Wed Jun 27 13:35:30 2007

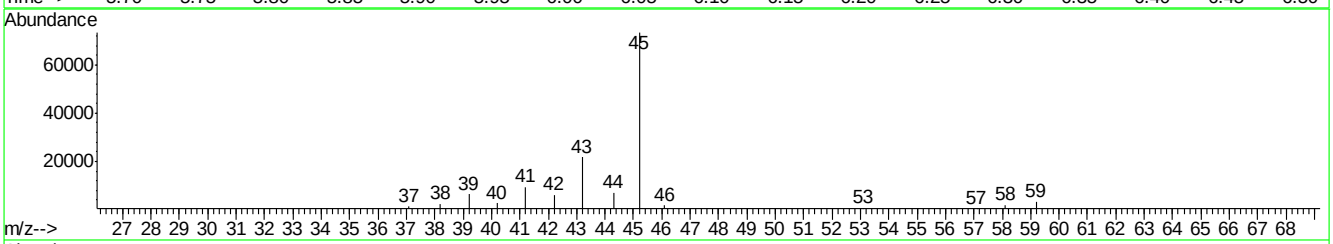
Quantitation Report (Qedit)

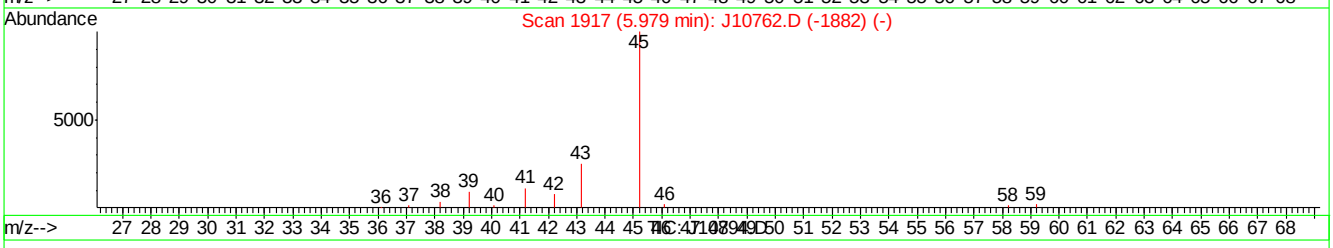
Data File : C:\MSDChem\1\data\J10794.D Vial: 1
Acq On : 27 Jun 2007 12:22 pm Operator: danat
Sample : CC557-10 (M080) Inst : MSJ
Misc : MS13762, MSJ558,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 27 13:32:31 2007 Results File: J062507T.RES

Method : C:\MSDCHEM\1\METHODS\J062507T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Jun 25 18:15:12 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.02min 8.25PPBV m

response 419075

Ion	Exp%	Act%
45.00	100	100
59.00	2.20	4.07
43.00	25.50	29.59
0.00	0.00	0.00

J10794.D J062507T.M Wed Jun 27 13:35:37 2007

Standard Lot #	
Calib STD 1	MSA349
Calib STD 2	MSA350
ICV	MSA353
Inter/Surr STD	MSA218
BS/BSD	MSA353

File ID	
Tune File 1	J10580
Tune File 2	J10587A
Initial Cal.	6/7/07
ID FILE	J060707T.M
Instrument ID	J
ICAL:	J10587
Column Type:	RTX-1
Sequence Verified By:	DT 6/8/07

Date:	6/7/2007
Analyst:	DANAT
Batch ID:	msj548
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	6/18/2007 4:20:00 PM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
J10580	IC548-0.5	m122	MSA350	VTO15STD	1		1		
J10581	IC548-0.2	m122	MSA350	VTO15STD	1		1		
J10582	IC548-2	m122	MSA350	VTO15STD	1		1		
J10583	IC548-5	m109	MSA349	VTO15STD	2		1		
J10584	ICC548-10	m109	MSA349	VTO15STD	2		1		
J10585	IC548-20	m109	MSA349	VTO15STD	2		1		
J10586	IC548-40	m109	MSA349	VTO15STD	2		1		
J10587	ICV548-10	m179	MSA353	VTO15STD	3		1		
J10587a	CC548-100	m179	MSA353	VTO15STD	3		1		
J10587b	BS	m179	MSA353	VTO15STD	3		1		
J10588	BLANK	m151		VTO15STD	4		1		
J10589	MB	m151		VTO15STD	4		1		
J10590	M65248-1	m027	MS13707	VTO15STD	5		1		
J10591	M65248-1DUP	m027	MS13707	VTO15STD	5		1		
J10592	M65284-1	m044	MS13707	VTO15STD	6		1		
J10593	M65285-1	m061	MS13707	VTO15STD	7		1		
J10594	M65325-1	m100	MS13707	VTO15STD	8		1000		Re-run @ 20x , too dilute.
J10595	M65235-2	m064	MS13754	VTO15STD	9		1000		Re-run @ 10x , too dilute.
J10596	SCC	m018		VTO15STD	10		1		
J10597	SCC	m125		VTO15STD	11		1		
J10598	SCC	m139		VTO15STD	12		1		
J10599	SCC	m165		VTO15STD	13		1		
J10600	SCC	m148		VTO15STD	14		1		
J10601	M65235-3	M191	MS13715	VTO15STD	5		1000		Re-run @ 10,000x , over calibration.
J10602	M65235-4	M195	MS13715	VTO15STD	6		1000		Re-run @ 10,000x , over calibration.
J10603	M65235-5	m203	MS13715	VTO15STD	7		1000		Re-run @ 10x , too dilute.
J10604	M65235-6	m204	MS13715	VTO15STD	8		1000		Re-run @ 10x , too dilute.
J10605	M65235-7	m206	MS13715	VTO15STD	9		1000		Re-run @ 10x , too dilute.
J10606	M65235-1	m100	MS13699	VTO15STD	3		20		

Standard Lot #	
Calib STD 1	MSA362
Calib STD 2	MSA363,MSA357
ICV	MSA361,MSA366
Inter/Surr STD	MSA218
BS/BSD	MSA366

File ID	
Tune File 1	J10755
Tune File 2	J10768A
Initial Cal.	6/25/07
ID FILE	J062507T.M
Instrument ID	J
ICAL:	J10768
Column Type:	RTX-1
Sequence Verified By:	DT 6/26/07

Date:	6/25/2007
Analyst:	DANAT
Batch ID:	msj557
Matrix:	AIR
Approved By:	PHILIPB
Date Approved:	6/27/2007 2:47:28 PM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
J10755	CC552-10	m045	MSA361	VTO15STD	1		1	NA	
J10756	CC552-10	m045	MSA361	VTO15STD	1		1	NA	
J10757	IC557-0.5	m141	MSA363	VTO15STD	2		1	NA	
J10758	IC557-0.2	m141	MSA363	VTO15STD	2		1	NA	
J10759	IC557-2	m141	MSA363	VTO15STD	2		1	NA	Re-run , vinyl acetate missing
J10760	IC557-40	m172	MSA362	VTO15STD	3		1	NA	
J10761	IC557-20	m172	MSA362	VTO15STD	3		1	NA	
J10762	ICC557-10	m172	MSA362	VTO15STD	3		1	NA	
J10763	IC557-5	m172	MSA362	VTO15STD	3		1	NA	
J10764	IC557-2	m141	MSA363	VTO15STD	2		1	NA	Re-run using different standard, vinyl acetate missing.
J10765	IC557-2	m140	MSA357	VTO15STD	2		1	NA	ok
J10766	ICV557-10	m045	MSA361	VTO15STD	1		1	NA	Fails, re-run using different standard. STD Ddegraded
J10767	ICV557-10	m080	MSA366	VTO15STD	1		1	NA	Fails high , re-run
J10768	ICV557-10	m080	MSA366	VTO15STD	1		1	NA	ok
J10768a	CC557-10	m080	MSA366	VTO15STD	1		1	NA	
J10768b	BS	m080	MSA366	VTO15STD	1		1	NA	
J10769	MB	m050	NA	VTO15STD	5		1	NA	
J10770	SCC	m078	NA	VTO15STD	7		1	NA	
J10771	SCC	m094	NA	VTO15STD	9		1	NA	
J10772	SCC	m040	NA	VTO15STD	11		1	NA	
J10773	M65503-1	m132	MS13762	VTO15STD	2		1200	MC119	Re-run @ 6,000x , over calibration.
J10774	M65503-2	m160	MS13762	VTO15STD	3		1200	MC102	Re-run @ 20x , too dilute.
J10775	M65503-1	m132	MS13762	VTO15STD	2		6000	MC119	
J10776	M65503-2	m092	MS13762	VTO15STD	3		20	MC102	
J10777	M65503-1DUP	m132	MS13762	VTO15STD	2		1200	MS119	
J10778	M65530-1	m162	MS13762	VTO15STD	1		1	NA	
J10779	FCB082	m199	NA	VTO15STD	4		1	MC082	
J10780	FCB083	m199	NA	VTO15STD	5		1	MC061	
J10781	FCB084	m201	NA	VTO15STD	6		1	MC001	
J10782	FCB085	m184	NA	VTO15STD	7		1	MC084	
J10783	FCB086	m205	NA	VTO15STD	8		1	MC032	
J10784	SCC	m072	NA	VTO15STD	9		1	NA	
J10785	SCC	m065	NA	VTO15STD	10		1	NA	

J10786	SCC	m019	NA	VTO15STD	11		1	NA	
J10787	M65793-1	m159	MS13828	VTO15STD	12		1	MC112	
J10788	M65794-1	m024	MS13828	VTO15STD	13		1	MC117	Re-run@ 20x , over calibration.
J10789	M65795-1	m165	MS13828	VTO15STD	14		1	MC106	Do not report, possible carry over
J10790	SCC	m188	NA	VTO15STD	4		1	NA	
J10791	M65794-1	m024	MS13828	VTO15STD	13		20	MC117	
J10792	M65795-1	m165	MS13828	VTO15STD	14		1	MC106	

Standard Lot #	
Calib STD 1	MSA366
Calib STD 2	NA
ICV	NA
Inter/Surr STD	MSA218
BS/BSD	MSA366

File ID	
Tune File 1	J10794
Tune File 2	NA
Initial Cal.	6/25/07
ID FILE	J062507T.M
Instrument ID	J
ICAL:	
Column Type:	RTX-1
Sequence Verified By:	DT 6/28/07

Date:	6/27/2007
Analyst:	DANAT
Batch ID:	msj558
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	6/29/2007 9:53:53 AM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
J10793	CC557-10	m080	MSA366		1		1		fail rr
J10794	CC557-10	m080	MSA366		1		1		ok
J10794a	BS	m080	MSA366		1		1		
J10795	BLANK	m012			2				
J10796	MB	m012			2		1		
J10797	M65576-1	m180	MS13762	VTO15STD	3		500		Re-run @ 2,000x , over calibration.
J10798	M65576-1	m180	MS13762	VTO15STD	3		2000		
J10799	M65576-1DUP	m180	MS13762	VTO15STD	3		500		
J10800	M65796-1	m018	MS13828	VTO15STD	4		1		
J10801	M65796-2	m031	MS13828	VTO15STD	5		1		Re-run @ 1x , internal standard fails high.
J10802	M65797-1	m048	MS13828	VTO15STD	6		1		
J10803	M65797-2	m039	MS13828	VTO15STD	7		1		
J10804	M65798-1	m151	MS13828	VTO15STD	8		1		
J10805	M65803-1	m125	MS13836	VTO15STD	9		1		
J10806	M65803-2	m035	MS13836	VTO15STD	10		1		Re-run @ 1x , internal standard fails low.
J10807	M65721-1	m090	MS13836	VTO15STD	11		20		Re-run @ 200x , over calibration.
J10808	M65796-2	m031	MS13828	VTO15STD	5		1		