New England ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

06/27/07

Technical Report for

GEI Consultants, Inc.

Indoor & Outdoor Air Samples Tufts St., Somerville MA

045162

Accutest Job Number: M65607

Sampling Date: 06/14/07

Report to:

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

ATTN: Raymond Siegener, Ph.D.

Total number of pages in report: **480**

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

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
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: M65607-1: 045162-12-14KNOW1 6
3.2: M65607-2: 045162-12-14KNOWB 7
Section 4: Misc. Forms **8**
4.1: Chain of Custody 9
4.2: Summa Canister and Flow Controller Log 11
4.3: Sample Tracking Chronicle 12
Section 5: GC/MS Volatiles - QC Data Summaries **13**
5.1: Method Blank Summary 14
5.2: Blank Spike Summary 18
5.3: Duplicate Summary 22
5.4: Summa Cleaning Certification 24
5.5: Instrument Performance Checks (BFB) 26
5.6: Internal Standard Area Summaries 34
5.7: Initial Calibration RT/ISTD Area Summaries 38
5.8: Surrogate Recovery Summaries 94
5.9: Initial and Continuing Calibration Summaries 95
Section 6: GC/MS Volatiles - Raw Data **127**
6.1: Samples 128
6.2: Method Blanks 143
6.3: Blank Spikes 153
6.4: Duplicates 171
6.5: Summa Cleaning Certifications 194
6.6: Instrument Performance Checks (BFB) 199
6.7: Initial and Continuing Calibarations 238
6.8: Instrument Run Logs 474

Accutest Laboratories

Sample Summary

GEI Consultants, Inc.

Job No: M65607

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

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
M65607-1	06/14/07	19:41	TAD	06/18/07	AIR	Air	045162-12-14KNOW1
M65607-2	06/14/07	19:42	TAD	06/18/07	AIR	Air	045162-12-14KNOWB

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	GEI Consultants, Inc.	**Job No**	M65607
Site:	Indoor & Outdoor Air Samples Tufts St., Somerville MA	**Report Date**	6/27/2007 2:57:55 PM

2 Sample(s) were collected on 06/14/2007 and were received at Accutest on 06/18/2007. These Samples received an Accutest job number of M65607. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method TO-15

Matrix AIR **Batch ID:** MSJ555

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M65230-1RDUP were used as the QC samples indicated.
- RPD(s) for Duplicate for Tetrachloroethylene are outside control limits for sample M65230-1RDUP. High RPD due to possible matrix interference and/or sample non-homogeneity.

Matrix AIR **Batch ID:** MSJ556

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M65607-2DUP were used as the QC samples indicated.
- RPD(s) for Duplicate for 1,2-Dichloroethane, Carbon tetrachloride, Tetrachloroethylene are outside control limits for sample M65607-2DUP. High RPD due to sample levels below reporting limit.

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(M65607).

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-12-14KNOW1		
Lab Sample ID:	M65607-1	**Date Sampled:**	06/14/07
Matrix:	AIR - Air Summa ID: M026	**Date Received:**	06/18/07
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	J10725.D	1	06/21/07	DFT	n/a	n/a	MSJ555
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

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

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

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

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

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-12-14KNOWB		
Lab Sample ID:	M65607-2	**Date Sampled:**	06/14/07
Matrix:	AIR - Air Summa ID: M157	**Date Received:**	06/18/07
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	J10751.D	1	06/23/07	DFT	n/a	n/a	MSJ556
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	64.52	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
56-23-5	153.8	Carbon tetrachloride	0.099	0.20	ppbv	J	0.62	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	0.099	0.20	ppbv	J	0.40	0.81	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.15	0.20	ppbv	J	1.0	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	91%		57-139%

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

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

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

CHAIN OF CUSTODY

ACCUTEST Laboratories

Air Sampling Field Data Sheet

FED-EX Tracking #: | Bottle Order Control #: | Lab Quote #: | Lab Job #: M65607

Client / Reporting Information

Company Name	GEI
Address	400 Unicorn Park Dr
City	Woburn
State	MA
Zip	01801
Project Contact	Mark Ensign
E-mail	Mensign@GEIconsultants.com
Phone #	781-721-4000
Fax #	781-721-4073
Sampler(s) Name(s)	Tom Daigle
Project Name:	50 Tufts St
Street	50 Tufts St
City	Somerville
State	MA
Project #	045162
Client Purchase Order #	

Weather Parameters

Temperature (Fahrenheit) Start:	63.3
Temperature (Fahrenheit) Stop:	54.5
Temperature Maximum:	
Temperature Minimum:	
Atmospheric Pressure (inches of Hg) Start:	30.18
Atmospheric Pressure (inches of Hg) Stop:	30.17
Atmospheric Pressure Maximum:	
Atmospheric Pressure Minimum:	
Other weather comment:	Cloudy, cool

Requested Analysis

Lab Sample #	Field ID / Point of Collection	Air Type: Indoor(I) Soil Vap(SV) Ambient(A)	Sampling Equipment Info: Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Start Sampling Information: Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Stop Sampling Information: Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Standard TO-15 Reporting List.	MA DEP-APH.
-1	045162-12-14KNOW1	I	M026	6	MFC055	6-14-07	1545	30	73.3	TAD	6-14-07	1941	5	72.6	TAD		
-2	045162-12-14KNOW3	I	M157	6	MC114	6-14-07	1546	30	71.6	TAD	6-14-07	1942	6	70.9	TAD		

Turnaround Time / Business days!

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

Approved By: _____

Date: _____

Data Deliverable Information

Comm A
Comm B
Full T1
Other:

Comments / Remarks

See attached list

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

Relinquished by Laboratory:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 GEI lab	6-14-07 1430	1 Tom Daigle	2 Tom Daigle	6-14-07 2030	2 GEI lab
3 GEI lab	6-15-07 1400	3 B. Carlson	4 B. Carlson	6-15-07 1400	4 R.T
5		5			

Custody Seal #

SM013-01 (07/07/06)

M65607: 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: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA
Received: 06/18/07

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
M026	6	29.4	06/13/07	PB	CP428	Q3729.D	M65607-1	06/21/07	DFT	3.5			1
M157	6	29.4	05/21/07	PB	CP414	Q3531.D	M65607-2	06/21/07	DFT	4			1

FLOW CONTROLLERS

Shipping					Receiving		
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min
MC055	06/04/07	PB	20	4	06/21/07	DFT	21.4
MC114	06/04/07	PB	20	4	06/21/07	DFT	21

Accutest Bottle Order(s):
PB/5-21-07/GEI/TUFTS ST.
PB/6-13-07/GEI/TUFTS ST.
PB/6-4-07/GEI/TUFTS ST.

Prep Date	Room Temp(F)	Bar Pres "Hg
05/21/07	70	29.92
06/13/07	70	29.92

Internal Sample Tracking Chronicle

GEI Consultants, Inc.

Job No: M65607

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

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M65607-1	Collected: 14-JUN-07 19:41 By: TAD		Received: 18-JUN-07 By: RS			
045162-12-14KNOW1						
M65607-1	TO-15	21-JUN-07 20:51	DFT			VTO15STD
M65607-2	Collected: 14-JUN-07 19:42 By: TAD		Received: 18-JUN-07 By: RS			
045162-12-14KNOWB						
M65607-2	TO-15	23-JUN-07 04:39	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: M65607
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
MSJ555-MB	J10718.D	1	06/21/07	DFT	n/a	n/a	MSJ555

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

M65607-1

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	100%	57-139%

Method Blank Summary

Job Number: M65607
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
MSJ556-MB	J10740.D	1	06/22/07	DFT	n/a	n/a	MSJ556

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

M65607-2

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

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	88%	57-139%

Method Blank Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

MSQ186-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	86%	57-139%

Method Blank Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ198-MB	Q3633.D	1	06/06/07	PB	n/a	n/a	MSQ198

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

MSQ198-SCC

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

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	85%	57-139%

Blank Spike Summary

Job Number: M65607
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
MSJ555-BS	J10716A.D	1	06/21/07	DFT	n/a	n/a	MSJ555

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

M65607-1

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	10.3	103	70-130
56-23-5	Carbon tetrachloride	10	10.4	104	70-130
75-34-3	1,1-Dichloroethane	10	10.5	105	70-130
75-35-4	1,1-Dichloroethylene	10	9.6	96	70-130
107-06-2	1,2-Dichloroethane	10	11.1	111	70-130
156-60-5	trans-1,2-Dichloroethylene	10	9.9	99	70-130
156-59-2	cis-1,2-Dichloroethylene	10	10.3	103	70-130
71-55-6	1,1,1-Trichloroethane	10	10.6	106	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	9.5	95	70-130
79-00-5	1,1,2-Trichloroethane	10	9.9	99	70-130
127-18-4	Tetrachloroethylene	10	9.7	97	70-130
79-01-6	Trichloroethylene	10	10.3	103	70-130
75-01-4	Vinyl chloride	10	10.4	104	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	118%	57-139%

Blank Spike Summary

Job Number: M65607
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
MSJ556-BS	J10737B.D	1	06/22/07	DFT	n/a	n/a	MSJ556

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

M65607-2

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	12.6	126	70-130
56-23-5	Carbon tetrachloride	10	11.4	114	70-130
75-34-3	1,1-Dichloroethane	10	10.6	106	70-130
75-35-4	1,1-Dichloroethylene	10	11.2	112	70-130
107-06-2	1,2-Dichloroethane	10	10.1	101	70-130
156-60-5	trans-1,2-Dichloroethylene	10	11.0	110	70-130
156-59-2	cis-1,2-Dichloroethylene	10	10.1	101	70-130
71-55-6	1,1,1-Trichloroethane	10	11.0	110	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	9.8	98	70-130
79-00-5	1,1,2-Trichloroethane	10	10.3	103	70-130
127-18-4	Tetrachloroethylene	10	10.0	100	70-130
79-01-6	Trichloroethylene	10	10.4	104	70-130
75-01-4	Vinyl chloride	10	12.8	128	70-130

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

Blank Spike Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

MSQ186-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	10.1	101	70-130
56-23-5	Carbon tetrachloride	10	10.3	103	70-130
75-34-3	1,1-Dichloroethane	10	9.2	92	70-130
75-35-4	1,1-Dichloroethylene	10	8.7	87	70-130
107-06-2	1,2-Dichloroethane	10	10.2	102	70-130
156-60-5	trans-1,2-Dichloroethylene	10	9.8	98	70-130
156-59-2	cis-1,2-Dichloroethylene	10	9.1	91	70-130
71-55-6	1,1,1-Trichloroethane	10	10.0	100	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	8.1	81	70-130
79-00-5	1,1,2-Trichloroethane	10	8.1	81	70-130
127-18-4	Tetrachloroethylene	10	11.0	110	70-130
79-01-6	Trichloroethylene	10	8.8	88	70-130
75-01-4	Vinyl chloride	10	10.2	102	70-130

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

Blank Spike Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ198-BS	Q3632A.D	1	06/06/07	PB	n/a	n/a	MSQ198

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

MSQ198-SCC

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

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

Duplicate Summary

Job Number: M65607
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
M65230-1RDUP	J10721.D	1	06/21/07	DFT	n/a	n/a	MSJ555
M65230-1R	J10719.D	1	06/21/07	DFT	n/a	n/a	MSJ555

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

M65607-1

CAS No.	Compound	M65230-1R ppbv	Q	DUP ppbv	Q	RPD	Limits
75-00-3	Chloroethane	ND		ND		nc	25
56-23-5	Carbon tetrachloride	0.13	J	0.12	J	8	25
75-34-3	1,1-Dichloroethane	ND		ND		nc	25
75-35-4	1,1-Dichloroethylene	ND		ND		nc	25
107-06-2	1,2-Dichloroethane	ND		ND		nc	25
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	25
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	25
71-55-6	1,1,1-Trichloroethane	0.10	J	0.095	J	5	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	1.5		1.0		40* [a]	25
79-01-6	Trichloroethylene	0.16	J	0.13	J	21	25
75-01-4	Vinyl chloride	ND		ND		nc	25

CAS No.	Surrogate Recoveries	DUP	M65230-1R	Limits
460-00-4	4-Bromofluorobenzene	98%	97%	57-139%

(a) High RPD due to possible matrix interference and/or sample non-homogeneity.

Duplicate Summary

Job Number: M65607
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
M65607-2DUP	J10752.D	1	06/23/07	DFT	n/a	n/a	MSJ556
M65607-2	J10751.D	1	06/23/07	DFT	n/a	n/a	MSJ556

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

M65607-2

CAS No.	Compound	M65607-2 ppbv	Q	DUP ppbv	Q	RPD	Limits
75-00-3	Chloroethane	ND		ND		nc	25
56-23-5	Carbon tetrachloride	0.099	J	0.13	J	27* [a]	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	0.099	J	ND		200* [a]	25
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	25
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	25
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	25
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	25
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	25
127-18-4	Tetrachloroethylene	0.15	J	0.23		42* [a]	25
79-01-6	Trichloroethylene	ND		ND		nc	25
75-01-4	Vinyl chloride	ND		ND		nc	25

CAS No.	Surrogate Recoveries	DUP	M65607-2	Limits
460-00-4	4-Bromofluorobenzene	82%	91%	57-139%

(a) High RPD due to sample levels below reporting limit.

Summa Cleaning Certification

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ186-SCC	Q3409.D	1	05/16/07	PB	n/a	n/a	MSQ186

The QC reported here (Summa M157) applies to the following samples: **Method:** TO-15

Batch CP414 cleaned 05/14/07: M65607-2(M157)

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	82%	57-139%

Summa Cleaning Certification

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ198-SCC	Q3633A.D	1	06/06/07	PB	n/a	n/a	MSQ198

The QC reported here (Summa M026) applies to the following samples: **Method:** TO-15

Batch CP428 cleaned 06/05/07: M65607-1(M026)

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

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	85%	57-139%

Instrument Performance Check (BFB)

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSJ552-BFB
Lab File ID: J10644.D
Instrument ID: GCMSJ
Injection Date: 06/14/07
Injection Time: 12:15

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	27324	17.5		Pass
75	30.0 - 66.0% of mass 95	73264	46.8		Pass
95	Base peak, 100% relative abundance	156390	100.0		Pass
96	5.0 - 9.0% of mass 95	10795	6.9		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	167689	107.2		Pass
175	4.0 - 9.0% of mass 174	10736	6.9	(6.4) [a]	Pass
176	93.0 - 101.0% of mass 174	162433	103.9	(96.9) [a]	Pass
177	5.0 - 9.0% of mass 176	10525	6.7	(6.5) [b]	Pass

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSJ552-IC552	J10644.D	06/14/07	12:15	00:00	Initial cal 0.5
MSJ552-IC552	J10645.D	06/14/07	13:04	00:49	Initial cal 0.2
MSJ552-IC552	J10646.D	06/14/07	14:11	01:56	Initial cal 2
MSJ552-IC552	J10647.D	06/14/07	14:58	02:43	Initial cal 5
MSJ552-ICC552	J10648.D	06/14/07	15:47	03:32	Initial cal 10
MSJ552-IC552	J10649.D	06/14/07	16:34	04:19	Initial cal 20
MSJ552-IC552	J10650.D	06/14/07	17:23	05:08	Initial cal 40
MSJ552-ICV552	J10653.D	06/15/07	10:26	22:11	Initial cal verification 10

Instrument Performance Check (BFB)

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSJ555-BFB
Lab File ID: J10716.D
Instrument ID: GCMSJ
Injection Date: 06/21/07
Injection Time: 12:37

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	35241	18.9		Pass
75	30.0 - 66.0% of mass 95	93497	50.2		Pass
95	Base peak, 100% relative abundance	186138	100.0		Pass
96	5.0 - 9.0% of mass 95	12824	6.9		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	190683	102.4		Pass
175	4.0 - 9.0% of mass 174	8148	4.4	(4.3) [a]	Pass
176	93.0 - 101.0% of mass 174	184206	99.0	(96.6) [a]	Pass
177	5.0 - 9.0% of mass 176	12911	6.9	(7.0) [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
MSJ555-BS	J10716A.D	06/21/07	12:37	00:00	Blank Spike
MSJ555-CC552	J10716.D	06/21/07	12:37	00:00	Continuing cal 10
MSJ555-MB	J10718.D	06/21/07	14:16	01:39	Method Blank
M65230-1R	J10719.D	06/21/07	15:05	02:28	(used for QC only; not part of job M65607)
ZZZZZZ	J10720.D	06/21/07	15:54	03:17	(unrelated sample)
M65230-1RDUP	J10721.D	06/21/07	17:33	04:56	Duplicate
ZZZZZZ	J10722.D	06/21/07	18:20	05:43	(unrelated sample)
ZZZZZZ	J10723.D	06/21/07	19:10	06:33	(unrelated sample)
ZZZZZZ	J10724.D	06/21/07	20:01	07:24	(unrelated sample)
M65607-1	J10725.D	06/21/07	20:51	08:14	045162-12-14KNOW1

Instrument Performance Check (BFB)

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSJ556-BFB
Lab File ID: J10728.D
Instrument ID: GCMSJ
Injection Date: 06/22/07
Injection Time: 09:26

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	59480	19.4		Pass
75	30.0 - 66.0% of mass 95	151658	49.4		Pass
95	Base peak, 100% relative abundance	306880	100.0		Pass
96	5.0 - 9.0% of mass 95	20376	6.6		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	318656	103.8		Pass
175	4.0 - 9.0% of mass 174	18645	6.1	(5.9) [a]	Pass
176	93.0 - 101.0% of mass 174	309397	100.8	(97.1) [a]	Pass
177	5.0 - 9.0% of mass 176	20154	6.6	(6.5) [b]	Pass

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSJ556-IC556	J10728.D	06/22/07	09:26	00:00	Initial cal 0.5
MSJ556-IC556	J10729.D	06/22/07	10:16	00:50	Initial cal 0.2
MSJ556-IC556	J10731.D	06/22/07	11:55	02:29	Initial cal 40
MSJ556-IC556	J10732.D	06/22/07	12:44	03:18	Initial cal 20
MSJ556-ICC556	J10733.D	06/22/07	13:31	04:05	Initial cal 10
MSJ556-IC556	J10734.D	06/22/07	14:21	04:55	Initial cal 5
MSJ556-IC556	J10736.D	06/22/07	16:24	06:58	Initial cal 2
MSJ556-ICV556	J10737.D	06/22/07	17:13	07:47	Initial cal verification 10

Instrument Performance Check (BFB)

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSJ556-BFB
Lab File ID: J10737A.D
Instrument ID: GCMSJ
Injection Date: 06/22/07
Injection Time: 17:13

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	42528	19.0		Pass
75	30.0 - 66.0% of mass 95	111533	49.8		Pass
95	Base peak, 100% relative abundance	223936	100.0		Pass
96	5.0 - 9.0% of mass 95	15347	6.9		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	234048	104.5		Pass
175	4.0 - 9.0% of mass 174	13928	6.2	(6.0) [a]	Pass
176	93.0 - 101.0% of mass 174	222656	99.4	(95.1) [a]	Pass
177	5.0 - 9.0% of mass 176	14792	6.6	(6.6) [b]	Pass

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSJ556-CC556	J10737A.D	06/22/07	17:13	00:00	Continuing cal 10
MSJ556-BS	J10737B.D	06/22/07	17:13	00:00	Blank Spike
MSJ556-MB	J10740.D	06/22/07	19:46	02:33	Method Blank
MSJ556-SCC	J10740A.D	06/22/07	19:46	02:33	Summa Cleaning Certification
MSJ556-SCC	J10741.D	06/22/07	20:35	03:22	Summa Cleaning Certification
MSJ556-SCC	J10742.D	06/22/07	21:24	04:11	Summa Cleaning Certification
MSJ556-SCC	J10743.D	06/22/07	22:11	04:58	Summa Cleaning Certification
MSJ556-SCC	J10744.D	06/22/07	23:00	05:47	Summa Cleaning Certification
MSJ556-SCC	J10745.D	06/22/07	23:49	06:36	Summa Cleaning Certification
MSJ556-SCC	J10747.D	06/23/07	01:26	08:13	Summa Cleaning Certification
MSJ556-SCC	J10748.D	06/23/07	02:15	09:02	Summa Cleaning Certification
MSJ556-SCC	J10750.D	06/23/07	03:52	10:39	Summa Cleaning Certification
M65607-2	J10751.D	06/23/07	04:39	11:26	045162-12-14KNOWB
M65607-2DUP	J10752.D	06/23/07	05:27	12:14	Duplicate
ZZZZZZ	J10753.D	06/23/07	06:15	13:02	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

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

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

Instrument Performance Check (BFB)

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSQ186-CC185	Q3396.D	05/16/07	12:25	00:00	Continuing cal 10
MSQ186-BS	Q3396A.D	05/16/07	12:25	00:00	Blank Spike
MSQ186-SCC	Q3398A.D	05/16/07	14:30	02:05	Summa Cleaning Certification
MSQ186-MB	Q3398.D	05/16/07	14:30	02:05	Method Blank
ZZZZZZ	Q3399.D	05/16/07	15:51	03:26	(unrelated sample)
MSQ186-SCC	Q3400.D	05/16/07	16:34	04:09	Summa Cleaning Certification
MSQ186-SCC	Q3401.D	05/16/07	17:27	05:02	Summa Cleaning Certification
M64698-2RDUP	Q3402.D	05/16/07	18:08	05:43	Duplicate
M64698-2R	Q3403.D	05/16/07	18:50	06:25	(used for QC only; not part of job M65607)
ZZZZZZ	Q3404.D	05/16/07	19:31	07:06	(unrelated sample)
ZZZZZZ	Q3406.D	05/16/07	20:55	08:30	(unrelated sample)
MSQ186-SCC	Q3408.D	05/16/07	22:19	09:54	Summa Cleaning Certification
MSQ186-SCC	Q3409.D	05/16/07	23:02	10:37	Summa Cleaning Certification
MSQ186-SCC	Q3410.D	05/16/07	23:44	11:19	Summa Cleaning Certification
MSQ186-SCC	Q3411.D	05/17/07	00:26	12:01	Summa Cleaning Certification

Instrument Performance Check (BFB)

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

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

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

Instrument Performance Check (BFB)

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	23450	28.4		Pass
75	30.0 - 66.0% of mass 95	48933	59.3		Pass
95	Base peak, 100% relative abundance	82477	100.0		Pass
96	5.0 - 9.0% of mass 95	6092	7.4		Pass
173	Less than 2.0% of mass 174	635	0.77	(0.94) [a]	Pass
174	50.0 - 120.0% of mass 95	67576	81.9		Pass
175	4.0 - 9.0% of mass 174	5327	6.5	(7.9) [a]	Pass
176	93.0 - 101.0% of mass 174	64944	78.7	(96.1) [a]	Pass
177	5.0 - 9.0% of mass 176	4930	6.0	(7.6) [b]	Pass

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSQ198-CC197	Q3632.D	06/06/07	15:26	00:00	Continuing cal 10
MSQ198-BS	Q3632A.D	06/06/07	15:26	00:00	Blank Spike
MSQ198-MB	Q3633.D	06/06/07	16:10	00:44	Method Blank
MSQ198-SCC	Q3633A.D	06/06/07	16:10	00:44	Summa Cleaning Certification
M65072-1	Q3635.D	06/06/07	17:36	02:10	(used for QC only; not part of job M65607)
M65072-1DUP	Q3636.D	06/06/07	18:18	02:52	Duplicate
ZZZZZZ	Q3637.D	06/06/07	19:00	03:34	(unrelated sample)
ZZZZZZ	Q3638.D	06/06/07	19:42	04:16	(unrelated sample)
ZZZZZZ	Q3639.D	06/06/07	20:24	04:58	(unrelated sample)
ZZZZZZ	Q3640.D	06/06/07	21:06	05:40	(unrelated sample)
ZZZZZZ	Q3641.D	06/06/07	21:48	06:22	(unrelated sample)
MSQ198-SCC	Q3642.D	06/06/07	22:29	07:03	Summa Cleaning Certification
ZZZZZZ	Q3644.D	06/07/07	09:21	17:55	(unrelated sample)
ZZZZZZ	Q3645.D	06/07/07	10:18	18:52	(unrelated sample)

Volatile Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Check Std:	MSJ555-CC552	**Injection Date:**	06/21/07
Lab File ID:	J10716.D	**Injection Time:**	12:37
Instrument ID:	GCMSJ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	310271	8.63	1254436	10.45	1130075	14.68
Upper Limit [a]	434379	8.96	1756210	10.78	1582105	15.01
Lower Limit [b]	186163	8.30	752662	10.12	678045	14.35

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSJ555-BS	310271	8.63	1254436	10.45	1130075	14.68
MSJ555-MB	348826	8.63	1504208	10.44	1321639	14.67
M65230-1R	283840	8.63	1115053	10.44	959566	14.68
ZZZZZZ	302313	8.63	1142786	10.44	1012074	14.67
M65230-1RDUP	333514	8.63	1373499	10.44	1204255	14.68
ZZZZZZ	274341	8.63	1082729	10.44	928386	14.67
ZZZZZZ	283485	8.63	1054024	10.44	858821	14.67
ZZZZZZ	329983	8.65	1172098	10.46	968231	14.67
M65607-1	311522	8.63	1162595	10.44	951739	14.67

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

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

Volatile Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Check Std:	MSJ556-CC556	**Injection Date:**	06/22/07
Lab File ID:	J10737A.D	**Injection Time:**	17:13
Instrument ID:	GCMSJ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	320244	8.64	1347074	10.45	1210672	14.68
Upper Limit [a]	448342	8.97	1885904	10.78	1694941	15.01
Lower Limit [b]	192146	8.31	808244	10.12	726403	14.35

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSJ556-BS	320244	8.64	1347074	10.45	1210672	14.68
MSJ556-MB	309814	8.63	1237988	10.44	1037522	14.67
MSJ556-SCC	309814	8.63	1237988	10.44	1037522	14.67
MSJ556-SCC	340983	8.63	1392220	10.44	1217060	14.67
MSJ556-SCC	348805	8.62	1450268	10.43	1244889	14.66
MSJ556-SCC	311401	8.63	1199704	10.44	997314	14.67
MSJ556-SCC	345969	8.63	1435737	10.44	1258559	14.67
MSJ556-SCC	349658	8.63	1441702	10.44	1243455	14.67
MSJ556-SCC	326532	8.63	1256544	10.44	1077231	14.67
MSJ556-SCC	299184	8.63	1119863	10.44	918976	14.67
MSJ556-SCC	333796	8.62	1258080	10.43	1045531	14.66
M65607-2	375162	8.62	1571746	10.44	1372039	14.67
M65607-2DUP	300047	8.63	1082647	10.44	911273	14.67
ZZZZZZ	324945	8.63	1285765	10.44	1086392	14.67

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

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

Volatile Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

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

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

Volatile Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
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	
MSJ552-IC552	J10644.D	06/14/07 12:15	DFT	0.5	GCMSJ	TO-15	Reporting this level
MSJ552-IC552	J10645.D	06/14/07 13:04	DFT	0.2	GCMSJ	TO-15	
MSJ552-IC552	J10646.D	06/14/07 14:11	DFT	2	GCMSJ	TO-15	
MSJ552-IC552	J10647.D	06/14/07 14:58	DFT	5	GCMSJ	TO-15	
MSJ552-ICC552	J10648.D	06/14/07 15:47	DFT	10	GCMSJ	TO-15	
MSJ552-IC552	J10649.D	06/14/07 16:34	DFT	20	GCMSJ	TO-15	
MSJ552-IC552	J10650.D	06/14/07 17:23	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.71	8.62	0.662	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	14.66	1.050	ok	1.050	0.990-1.110
Bromomethane	4.87	8.62	0.565	ok	0.564	0.504-0.624
Bromoethene	5.40	8.62	0.626	ok	0.625	0.565-0.685
Benzyl Chloride	17.88	14.66	1.220	ok	1.219	1.159-1.279
Carbon disulfide	6.86	8.62	0.796	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	6.67	8.62	0.774	ok	0.772	0.712-0.832
2-Chlorotoluene	16.97	14.66	1.158	ok	1.157	1.097-1.217
Carbon tetrachloride	10.25	8.62	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	8.62	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	14.66	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	10.44	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.24	10.44	1.077	ok	1.072	1.012-1.132
Dichlorodifluoromethane	4.08	8.62	0.473	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
cis-1,3-Dichloropropene	11.93	10.44	1.143	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	17.98	14.66	1.226	ok	1.226	1.166-1.286
trans-1,3-Dichloropropene	12.44	10.44	1.192	ok	1.192	1.132-1.252
Ethanol	5.28	8.62	0.613	ok	0.607	0.547-0.667
Ethylbenzene	15.09	14.66	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	14.66	1.171	ok	1.170	1.110-1.230
Freon 113	6.80	8.62	0.789	ok	0.788	0.728-0.848
Freon 114	4.34	8.62	0.503	ok	0.502	0.442-0.562
Heptane	11.36	10.44	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.66	1.416	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: M65607
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	
MSJ552-IC552	J10644.D	06/14/07 12:15	DFT	0.5	GCMSJ	TO-15	Reporting this level
MSJ552-IC552	J10645.D	06/14/07 13:04	DFT	0.2	GCMSJ	TO-15	
MSJ552-IC552	J10646.D	06/14/07 14:11	DFT	2	GCMSJ	TO-15	
MSJ552-IC552	J10647.D	06/14/07 14:58	DFT	5	GCMSJ	TO-15	
MSJ552-ICC552	J10648.D	06/14/07 15:47	DFT	10	GCMSJ	TO-15	
MSJ552-IC552	J10649.D	06/14/07 16:34	DFT	20	GCMSJ	TO-15	
MSJ552-IC552	J10650.D	06/14/07 17:23	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	14.66	0.900	ok	0.898	0.838-0.958
Isopropylbenzene	16.42	14.66	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	6.01	8.62	0.697	ok	0.693	0.633-0.753
Methylene chloride	6.56	8.62	0.761	ok	0.760	0.700-0.820
Methyl ethyl ketone	8.12	8.62	0.942	ok	0.939	0.879-0.999
Methyl Isobutyl Ketone	12.02	10.44	1.151	ok	1.149	1.089-1.209
Methyl Tert Butyl Ether	7.78	8.62	0.903	ok	0.899	0.839-0.959
Nonane	15.97	14.66	1.089	ok	1.089	1.029-1.149
Pentane	6.15	8.62	0.713	ok	0.712	0.652-0.772
Propylene	4.01	8.62	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	9.68	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	12.61	10.44	1.208	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.27	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	17.24	14.66	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	6.62	8.62	0.768	ok	0.763	0.703-0.823
Tetrachloroethylene	14.01	14.66	0.956	ok	0.955	0.895-1.015
Tetrahydrofuran	9.24	8.62	1.072	ok	1.066	1.006-1.126
Toluene	12.89	10.44	1.235	ok	1.234	1.174-1.294
Trichloroethylene	11.12	10.44	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.80	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
Vinyl Acetate	7.82	8.62	0.907	ok	0.905	0.845-0.965
m,p-Xylene	15.28	14.66	1.042	ok	1.042	0.982-1.102
o-Xylene	15.78	14.66	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.63	8.30-8.96	328772	ok	293155	175893-410417
1,4-Difluorobenzene	10.44	ok	10.44	10.11-10.77	1299333	ok	1195297	717178-1673416
Chlorobenzene-D5	14.66	ok	14.67	14.34-15.00	1030498	ok	1020806	612484-1429128

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
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	
MSJ552-IC552	J10644.D	06/14/07 12:15	DFT	0.5	GCMSJ	TO-15	
MSJ552-IC552	J10645.D	06/14/07 13:04	DFT	0.2	GCMSJ	TO-15	Reporting this level
MSJ552-IC552	J10646.D	06/14/07 14:11	DFT	2	GCMSJ	TO-15	
MSJ552-IC552	J10647.D	06/14/07 14:58	DFT	5	GCMSJ	TO-15	
MSJ552-ICC552	J10648.D	06/14/07 15:47	DFT	10	GCMSJ	TO-15	
MSJ552-IC552	J10649.D	06/14/07 16:34	DFT	20	GCMSJ	TO-15	
MSJ552-IC552	J10650.D	06/14/07 17:23	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
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	0.625	0.565-0.685
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	5.04	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	6.65	8.62	0.771	ok	0.772	0.712-0.832
2-Chlorotoluene	16.97	14.66	1.158	ok	1.157	1.097-1.217
Carbon tetrachloride	10.25	8.62	1.189	ok	1.189	1.129-1.249
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	6.42	8.62	0.745	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	9.45	8.62	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.90	10.43	1.045	ok	1.044	0.984-1.104
Dichlorodifluoromethane	4.07	8.62	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.32	14.66	0.909	ok	0.909	0.849-0.969
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	11.93	10.43	1.144	ok	1.143	1.083-1.203
trans-1,3-Dichloropropene	12.44	10.43	1.193	ok	1.192	1.132-1.252
Ethylbenzene	15.09	14.66	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.73	8.62	1.013	ok	1.009	0.949-1.069
Freon 113	6.79	8.62	0.788	ok	0.788	0.728-0.848
Freon 114	4.33	8.62	0.502	ok	0.502	0.442-0.562
Heptane	11.36	10.43	1.089	ok	1.088	1.028-1.148
Hexane	8.64	8.62	1.002	ok	1.001	0.941-1.061
Isopropylbenzene	16.42	14.66	1.120	ok	1.120	1.060-1.180
Methylene chloride	6.55	8.62	0.760	ok	0.760	0.700-0.820
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	0.899	0.839-0.959
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
1,1,1-Trichloroethane	9.67	8.62	1.122	ok	1.123	1.063-1.183
1,1,2,2-Tetrachloroethane	15.79	14.66	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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
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	
MSJ552-IC552	J10644.D	06/14/07 12:15	DFT	0.5	GCMSJ	TO-15	
MSJ552-IC552	J10645.D	06/14/07 13:04	DFT	0.2	GCMSJ	TO-15	Reporting this level
MSJ552-IC552	J10646.D	06/14/07 14:11	DFT	2	GCMSJ	TO-15	
MSJ552-IC552	J10647.D	06/14/07 14:58	DFT	5	GCMSJ	TO-15	
MSJ552-ICC552	J10648.D	06/14/07 15:47	DFT	10	GCMSJ	TO-15	
MSJ552-IC552	J10649.D	06/14/07 16:34	DFT	20	GCMSJ	TO-15	
MSJ552-IC552	J10650.D	06/14/07 17:23	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2,2,4-Trimethylpentane	11.12	10.43	1.066	ok	1.065	1.005-1.125
Tetrachloroethylene	14.01	14.66	0.956	ok	0.955	0.895-1.015
Toluene	12.89	10.43	1.236	ok	1.234	1.174-1.294
Trichloroethylene	11.11	10.43	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.79	8.62	0.672	ok	0.672	0.612-0.732
Vinyl chloride	4.45	8.62	0.516	ok	0.516	0.456-0.576
m,p-Xylene	15.26	14.66	1.041	ok	1.042	0.982-1.102

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.63	8.30-8.96	288795	ok	293155	175893-410417
1,4-Difluorobenzene	10.43	ok	10.44	10.11-10.77	1161747	ok	1195297	717178-1673416
Chlorobenzene-D5	14.66	ok	14.67	14.34-15.00	936380	ok	1020806	612484-1429128

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
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	
MSJ552-IC552	J10644.D	06/14/07 12:15	DFT	0.5	GCMSJ	TO-15	
MSJ552-IC552	J10645.D	06/14/07 13:04	DFT	0.2	GCMSJ	TO-15	
MSJ552-IC552	J10646.D	06/14/07 14:11	DFT	2	GCMSJ	TO-15	Reporting this level
MSJ552-IC552	J10647.D	06/14/07 14:58	DFT	5	GCMSJ	TO-15	
MSJ552-ICC552	J10648.D	06/14/07 15:47	DFT	10	GCMSJ	TO-15	
MSJ552-IC552	J10649.D	06/14/07 16:34	DFT	20	GCMSJ	TO-15	
MSJ552-IC552	J10650.D	06/14/07 17:23	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.67	8.62	0.658	ok	0.657	0.597-0.717
1,3-Butadiene	4.59	8.62	0.532	ok	0.532	0.472-0.592
Benzene	10.12	10.44	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.09	10.44	1.062	ok	1.062	1.002-1.122
Bromoform	15.39	14.67	1.049	ok	1.050	0.990-1.110
Bromomethane	4.87	8.62	0.565	ok	0.564	0.504-0.624
Bromoethene	5.39	8.62	0.625	ok	0.625	0.565-0.685
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	5.03	8.62	0.584	ok	0.583	0.523-0.643
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.23	8.62	0.491	ok	0.491	0.431-0.551
3-Chloropropene	6.66	8.62	0.773	ok	0.772	0.712-0.832
2-Chlorotoluene	16.98	14.67	1.157	ok	1.157	1.097-1.217
Carbon tetrachloride	10.25	8.62	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	8.62	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	9.44	8.62	1.095	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.89	10.44	1.043	ok	1.044	0.984-1.104
1,4-Dioxane	11.20	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	11.93	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	17.98	14.67	1.226	ok	1.226	1.166-1.286
trans-1,3-Dichloropropene	12.44	10.44	1.192	ok	1.192	1.132-1.252
Ethanol	5.24	8.62	0.608	ok	0.607	0.547-0.667
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.70	8.62	1.009	ok	1.009	0.949-1.069
4-Ethyltoluene	17.17	14.67	1.170	ok	1.170	1.110-1.230
Freon 113	6.80	8.62	0.789	ok	0.788	0.728-0.848
Freon 114	4.33	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	8.63	8.62	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
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	
MSJ552-IC552	J10644.D	06/14/07 12:15	DFT	0.5	GCMSJ	TO-15	
MSJ552-IC552	J10645.D	06/14/07 13:04	DFT	0.2	GCMSJ	TO-15	
MSJ552-IC552	J10646.D	06/14/07 14:11	DFT	2	GCMSJ	TO-15	Reporting this level
MSJ552-IC552	J10647.D	06/14/07 14:58	DFT	5	GCMSJ	TO-15	
MSJ552-ICC552	J10648.D	06/14/07 15:47	DFT	10	GCMSJ	TO-15	
MSJ552-IC552	J10649.D	06/14/07 16:34	DFT	20	GCMSJ	TO-15	
MSJ552-IC552	J10650.D	06/14/07 17:23	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	14.67	0.898	ok	0.898	0.838-0.958
Isopropylbenzene	16.42	14.67	1.119	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.95	8.62	0.690	ok	0.693	0.633-0.753
Methylene chloride	6.55	8.62	0.760	ok	0.760	0.700-0.820
Methyl ethyl ketone	8.08	8.62	0.937	ok	0.939	0.879-0.999
Methyl Isobutyl Ketone	12.00	10.44	1.149	ok	1.149	1.089-1.209
Methyl Tert Butyl Ether	7.74	8.62	0.898	ok	0.899	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	0.712	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	15.78	14.67	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.62	10.44	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.27	14.67	1.382	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.72	14.67	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.25	14.67	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.12	10.44	1.065	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.56	8.62	0.761	ok	0.763	0.703-0.823
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.19	8.62	1.066	ok	1.066	1.006-1.126
Toluene	12.89	10.44	1.235	ok	1.234	1.174-1.294
Trichloroethylene	11.11	10.44	1.064	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.80	8.62	0.673	ok	0.672	0.612-0.732
Vinyl chloride	4.45	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	285081	ok	293155	175893-410417
1,4-Difluorobenzene	10.44	ok	10.44	10.11-10.77	1131211	ok	1195297	717178-1673416
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	964799	ok	1020806	612484-1429128

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
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	
MSJ552-IC552	J10644.D	06/14/07 12:15	DFT	0.5	GCMSJ	TO-15	
MSJ552-IC552	J10645.D	06/14/07 13:04	DFT	0.2	GCMSJ	TO-15	
MSJ552-IC552	J10646.D	06/14/07 14:11	DFT	2	GCMSJ	TO-15	
MSJ552-IC552	J10647.D	06/14/07 14:58	DFT	5	GCMSJ	TO-15	Reporting this level
MSJ552-ICC552	J10648.D	06/14/07 15:47	DFT	10	GCMSJ	TO-15	
MSJ552-IC552	J10649.D	06/14/07 16:34	DFT	20	GCMSJ	TO-15	
MSJ552-IC552	J10650.D	06/14/07 17:23	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.67	8.62	0.658	ok	0.657	0.597-0.717
1,3-Butadiene	4.59	8.62	0.532	ok	0.532	0.472-0.592
Benzene	10.12	10.44	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.09	10.44	1.062	ok	1.062	1.002-1.122
Bromoform	15.39	14.67	1.049	ok	1.050	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	0.625	0.565-0.685
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	4.23	8.62	0.491	ok	0.491	0.431-0.551
3-Chloropropene	6.66	8.62	0.773	ok	0.772	0.712-0.832
2-Chlorotoluene	16.98	14.67	1.157	ok	1.157	1.097-1.217
Carbon tetrachloride	10.25	8.62	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	7.65	8.62	0.887	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.62	0.746	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.57	14.67	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.62	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.90	10.44	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.18	10.44	1.071	ok	1.072	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	18.36	14.67	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.98	14.67	1.226	ok	1.226	1.166-1.286
trans-1,3-Dichloropropene	12.44	10.44	1.192	ok	1.192	1.132-1.252
Ethanol	5.22	8.62	0.606	ok	0.607	0.547-0.667
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.69	8.62	1.008	ok	1.009	0.949-1.069
4-Ethyltoluene	17.16	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	11.36	10.44	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.67	1.415	ok	1.415	1.355-1.475
Hexane	8.63	8.62	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
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	
MSJ552-IC552	J10644.D	06/14/07 12:15	DFT	0.5	GCMSJ	TO-15	
MSJ552-IC552	J10645.D	06/14/07 13:04	DFT	0.2	GCMSJ	TO-15	
MSJ552-IC552	J10646.D	06/14/07 14:11	DFT	2	GCMSJ	TO-15	
MSJ552-IC552	J10647.D	06/14/07 14:58	DFT	5	GCMSJ	TO-15	Reporting this level
MSJ552-ICC552	J10648.D	06/14/07 15:47	DFT	10	GCMSJ	TO-15	
MSJ552-IC552	J10649.D	06/14/07 16:34	DFT	20	GCMSJ	TO-15	
MSJ552-IC552	J10650.D	06/14/07 17:23	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	14.67	0.898	ok	0.898	0.838-0.958
Isopropylbenzene	16.42	14.67	1.119	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.94	8.62	0.689	ok	0.693	0.633-0.753
Methylene chloride	6.55	8.62	0.760	ok	0.760	0.700-0.820
Methyl ethyl ketone	8.08	8.62	0.937	ok	0.939	0.879-0.999
Methyl Isobutyl Ketone	11.99	10.44	1.148	ok	1.149	1.089-1.209
Methyl Tert Butyl Ether	7.74	8.62	0.898	ok	0.899	0.839-0.959
Nonane	15.97	14.67	1.089	ok	1.089	1.029-1.149
Pentane	6.14	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	1.382	1.322-1.442
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	6.55	8.62	0.760	ok	0.763	0.703-0.823
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.19	8.62	1.066	ok	1.066	1.006-1.126
Toluene	12.89	10.44	1.235	ok	1.234	1.174-1.294
Trichloroethylene	11.11	10.44	1.064	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.79	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	222530	ok	293155	175893-410417
1,4-Difluorobenzene	10.44	ok	10.44	10.11-10.77	907413	ok	1195297	717178-1673416
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	747153	ok	1020806	612484-1429128

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
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	
MSJ552-IC552	J10644.D	06/14/07 12:15	DFT	0.5	GCMSJ	TO-15	
MSJ552-IC552	J10645.D	06/14/07 13:04	DFT	0.2	GCMSJ	TO-15	
MSJ552-IC552	J10646.D	06/14/07 14:11	DFT	2	GCMSJ	TO-15	
MSJ552-IC552	J10647.D	06/14/07 14:58	DFT	5	GCMSJ	TO-15	
MSJ552-ICC552	J10648.D	06/14/07 15:47	DFT	10	GCMSJ	TO-15	Reporting this level
MSJ552-IC552	J10649.D	06/14/07 16:34	DFT	20	GCMSJ	TO-15	
MSJ552-IC552	J10650.D	06/14/07 17:23	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.67	8.63	0.657	ok	0.657	0.597-0.717
1,3-Butadiene	4.59	8.63	0.532	ok	0.532	0.472-0.592
Benzene	10.13	10.44	0.970	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	0.625	0.565-0.685
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	4.24	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	13.58	14.67	0.926	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.63	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.90	10.44	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.18	10.44	1.071	ok	1.072	1.012-1.132
Dichlorodifluoromethane	4.08	8.63	0.473	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	8.47	8.63	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	14.67	1.221	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.37	14.67	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.98	14.67	1.226	ok	1.226	1.166-1.286
trans-1,3-Dichloropropene	12.44	10.44	1.192	ok	1.192	1.132-1.252
Ethanol	5.23	8.63	0.606	ok	0.607	0.547-0.667
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.69	8.63	1.007	ok	1.009	0.949-1.069
4-Ethyltoluene	17.17	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	8.64	8.63	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
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	
MSJ552-IC552	J10644.D	06/14/07 12:15	DFT	0.5	GCMSJ	TO-15	
MSJ552-IC552	J10645.D	06/14/07 13:04	DFT	0.2	GCMSJ	TO-15	
MSJ552-IC552	J10646.D	06/14/07 14:11	DFT	2	GCMSJ	TO-15	
MSJ552-IC552	J10647.D	06/14/07 14:58	DFT	5	GCMSJ	TO-15	
MSJ552-ICC552	J10648.D	06/14/07 15:47	DFT	10	GCMSJ	TO-15	Reporting this level
MSJ552-IC552	J10649.D	06/14/07 16:34	DFT	20	GCMSJ	TO-15	
MSJ552-IC552	J10650.D	06/14/07 17:23	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	14.67	0.898	ok	0.898	0.838-0.958
Isopropylbenzene	16.43	14.67	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.96	8.63	0.691	ok	0.693	0.633-0.753
Methylene chloride	6.55	8.63	0.759	ok	0.760	0.700-0.820
Methyl ethyl ketone	8.08	8.63	0.936	ok	0.939	0.879-0.999
Methyl Isobutyl Ketone	12.00	10.44	1.149	ok	1.149	1.089-1.209
Methyl Tert Butyl Ether	7.74	8.63	0.897	ok	0.899	0.839-0.959
Nonane	15.97	14.67	1.089	ok	1.089	1.029-1.149
Pentane	6.14	8.63	0.711	ok	0.712	0.652-0.772
Propylene	4.00	8.63	0.463	ok	0.464	0.404-0.524
Styrene	15.68	14.67	1.069	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	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.72	14.67	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.26	14.67	1.177	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.12	10.44	1.065	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.56	8.63	0.760	ok	0.763	0.703-0.823
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.18	8.63	1.064	ok	1.066	1.006-1.126
Toluene	12.89	10.44	1.235	ok	1.234	1.174-1.294
Trichloroethylene	11.12	10.44	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.80	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	15.29	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	296067	ok	293155	175893-410417
1,4-Difluorobenzene	10.44	ok	10.44	10.11-10.77	1252480	ok	1195297	717178-1673416
Chlorobenzene-D5	14.67	ok	14.67	14.34-15.00	1093045	ok	1020806	612484-1429128

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
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	
MSJ552-IC552	J10644.D	06/14/07 12:15	DFT	0.5	GCMSJ	TO-15	
MSJ552-IC552	J10645.D	06/14/07 13:04	DFT	0.2	GCMSJ	TO-15	
MSJ552-IC552	J10646.D	06/14/07 14:11	DFT	2	GCMSJ	TO-15	
MSJ552-IC552	J10647.D	06/14/07 14:58	DFT	5	GCMSJ	TO-15	
MSJ552-ICC552	J10648.D	06/14/07 15:47	DFT	10	GCMSJ	TO-15	
MSJ552-IC552	J10649.D	06/14/07 16:34	DFT	20	GCMSJ	TO-15	Reporting this level
MSJ552-IC552	J10650.D	06/14/07 17:23	DFT	40	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.65	8.63	0.655	ok	0.657	0.597-0.717
1,3-Butadiene	4.59	8.63	0.532	ok	0.532	0.472-0.592
Benzene	10.13	10.45	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.10	10.45	1.062	ok	1.062	1.002-1.122
Bromoform	15.41	14.68	1.050	ok	1.050	0.990-1.110
Bromomethane	4.86	8.63	0.563	ok	0.564	0.504-0.624
Bromoethene	5.39	8.63	0.625	ok	0.625	0.565-0.685
Benzyl Chloride	17.89	14.68	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.63	0.794	ok	0.794	0.734-0.854
Chlorobenzene	14.73	14.68	1.003	ok	1.003	0.943-1.063
Chloroethane	5.03	8.63	0.583	ok	0.583	0.523-0.643
Chloroform	8.75	8.63	1.014	ok	1.014	0.954-1.074
Chloromethane	4.23	8.63	0.490	ok	0.491	0.431-0.551
3-Chloropropene	6.66	8.63	0.772	ok	0.772	0.712-0.832
2-Chlorotoluene	16.99	14.68	1.157	ok	1.157	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	6.43	8.63	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.59	14.68	0.926	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.63	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.91	10.45	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.18	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	13.34	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	17.91	14.68	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.38	14.68	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.99	14.68	1.225	ok	1.226	1.166-1.286
trans-1,3-Dichloropropene	12.45	10.45	1.191	ok	1.192	1.132-1.252
Ethanol	5.21	8.63	0.604	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	8.63	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	11.36	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	8.63	8.63	1.000	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
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	
MSJ552-IC552	J10644.D	06/14/07 12:15	DFT	0.5	GCMSJ	TO-15	
MSJ552-IC552	J10645.D	06/14/07 13:04	DFT	0.2	GCMSJ	TO-15	
MSJ552-IC552	J10646.D	06/14/07 14:11	DFT	2	GCMSJ	TO-15	
MSJ552-IC552	J10647.D	06/14/07 14:58	DFT	5	GCMSJ	TO-15	
MSJ552-ICC552	J10648.D	06/14/07 15:47	DFT	10	GCMSJ	TO-15	
MSJ552-IC552	J10649.D	06/14/07 16:34	DFT	20	GCMSJ	TO-15	Reporting this level
MSJ552-IC552	J10650.D	06/14/07 17:23	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	0.898	0.838-0.958
Isopropylbenzene	16.44	14.68	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.97	8.63	0.692	ok	0.693	0.633-0.753
Methylene chloride	6.55	8.63	0.759	ok	0.760	0.700-0.820
Methyl ethyl ketone	8.08	8.63	0.936	ok	0.939	0.879-0.999
Methyl Isobutyl Ketone	12.01	10.45	1.149	ok	1.149	1.089-1.209
Methyl Tert Butyl Ether	7.73	8.63	0.896	ok	0.899	0.839-0.959
Nonane	15.98	14.68	1.089	ok	1.089	1.029-1.149
Pentane	6.14	8.63	0.711	ok	0.712	0.652-0.772
Propylene	4.00	8.63	0.463	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	9.69	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	1.382	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	11.13	10.45	1.065	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.57	8.63	0.761	ok	0.763	0.703-0.823
Tetrachloroethylene	14.02	14.68	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.18	8.63	1.064	ok	1.066	1.006-1.126
Toluene	12.89	10.45	1.233	ok	1.234	1.174-1.294
Trichloroethylene	11.12	10.45	1.064	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.80	8.63	0.672	ok	0.672	0.612-0.732
Vinyl chloride	4.45	8.63	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.81	8.63	0.905	ok	0.905	0.845-0.965
m,p-Xylene	15.29	14.68	1.042	ok	1.042	0.982-1.102
o-Xylene	15.80	14.68	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.63	8.30-8.96	322389	ok	293155	175893-410417
1,4-Difluorobenzene	10.45	ok	10.44	10.11-10.77	1363691	ok	1195297	717178-1673416
Chlorobenzene-D5	14.68	ok	14.67	14.34-15.00	1232423	ok	1020806	612484-1429128

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
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	
MSJ552-IC552	J10644.D	06/14/07 12:15	DFT	0.5	GCMSJ	TO-15	
MSJ552-IC552	J10645.D	06/14/07 13:04	DFT	0.2	GCMSJ	TO-15	
MSJ552-IC552	J10646.D	06/14/07 14:11	DFT	2	GCMSJ	TO-15	
MSJ552-IC552	J10647.D	06/14/07 14:58	DFT	5	GCMSJ	TO-15	
MSJ552-ICC552	J10648.D	06/14/07 15:47	DFT	10	GCMSJ	TO-15	
MSJ552-IC552	J10649.D	06/14/07 16:34	DFT	20	GCMSJ	TO-15	
MSJ552-IC552	J10650.D	06/14/07 17:23	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	5.66	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	14.69	1.051	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	0.625	0.565-0.685
Benzyl Chloride	17.91	14.69	1.219	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	14.69	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	4.23	8.64	0.490	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	14.69	1.157	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	13.60	14.69	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	10.92	10.47	1.043	ok	1.044	0.984-1.104
1,4-Dioxane	11.19	10.47	1.069	ok	1.072	1.012-1.132
Dichlorodifluoromethane	4.07	8.64	0.471	ok	0.472	0.412-0.532
Dibromochloromethane	13.36	14.69	0.909	ok	0.909	0.849-0.969
trans-1,2-Dichloroethylene	7.47	8.64	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.47	8.64	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.96	10.47	1.142	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.92	14.69	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.38	14.69	1.251	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.00	14.69	1.225	ok	1.226	1.166-1.286
trans-1,3-Dichloropropene	12.47	10.47	1.191	ok	1.192	1.132-1.252
Ethanol	5.22	8.64	0.604	ok	0.607	0.547-0.667
Ethylbenzene	15.12	14.69	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	14.69	1.170	ok	1.170	1.110-1.230
Freon 113	6.80	8.64	0.787	ok	0.788	0.728-0.848
Freon 114	4.33	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	14.69	1.413	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: M65607
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	
MSJ552-IC552	J10644.D	06/14/07 12:15	DFT	0.5	GCMSJ	TO-15	
MSJ552-IC552	J10645.D	06/14/07 13:04	DFT	0.2	GCMSJ	TO-15	
MSJ552-IC552	J10646.D	06/14/07 14:11	DFT	2	GCMSJ	TO-15	
MSJ552-IC552	J10647.D	06/14/07 14:58	DFT	5	GCMSJ	TO-15	
MSJ552-ICC552	J10648.D	06/14/07 15:47	DFT	10	GCMSJ	TO-15	
MSJ552-IC552	J10649.D	06/14/07 16:34	DFT	20	GCMSJ	TO-15	
MSJ552-IC552	J10650.D	06/14/07 17:23	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	13.19	14.69	0.898	ok	0.898	0.838-0.958
Isopropylbenzene	16.45	14.69	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	6.03	8.64	0.698	ok	0.693	0.633-0.753
Methylene chloride	6.56	8.64	0.759	ok	0.760	0.700-0.820
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	1.149	1.089-1.209
Methyl Tert Butyl Ether	7.74	8.64	0.896	ok	0.899	0.839-0.959
Nonane	15.99	14.69	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	14.69	1.069	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	14.69	1.078	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	20.28	14.69	1.381	ok	1.382	1.322-1.442
1,2,4-Trimethylbenzene	17.74	14.69	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.27	14.69	1.176	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	6.63	8.64	0.767	ok	0.763	0.703-0.823
Tetrachloroethylene	14.03	14.69	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.19	8.64	1.064	ok	1.066	1.006-1.126
Toluene	12.91	10.47	1.233	ok	1.234	1.174-1.294
Trichloroethylene	11.14	10.47	1.064	ok	1.065	1.005-1.125
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	14.69	1.042	ok	1.042	0.982-1.102
o-Xylene	15.81	14.69	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.64	ok	8.63	8.30-8.96	308454	ok	293155	175893-410417
1,4-Difluorobenzene	10.47	ok	10.44	10.11-10.77	1251204	ok	1195297	717178-1673416
Chlorobenzene-D5	14.69	ok	14.67	14.34-15.00	1141346	ok	1020806	612484-1429128

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	Reporting this level
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	
MSJ556-IC556	J10736.D	06/22/07 16:24	DFT	2	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	0.659	0.599-0.719
1,3-Butadiene	4.60	8.62	0.534	ok	0.532	0.472-0.592
Benzene	10.12	10.44	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.09	10.44	1.062	ok	1.062	1.002-1.122
Bromoform	15.39	14.67	1.049	ok	1.050	0.990-1.110
Bromomethane	4.87	8.62	0.565	ok	0.564	0.504-0.624
Bromoethene	5.39	8.62	0.625	ok	0.625	0.565-0.685
Benzyl Chloride	17.89	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.86	8.62	0.796	ok	0.795	0.735-0.855
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	4.25	8.62	0.493	ok	0.492	0.432-0.552
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	10.38	10.44	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	13.57	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	11.27	10.44	1.080	ok	1.073	1.013-1.133
Dichlorodifluoromethane	4.08	8.62	0.473	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	17.97	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	5.31	8.62	0.616	ok	0.610	0.550-0.670
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.73	8.62	1.013	ok	1.009	0.949-1.069
4-Ethyltoluene	17.17	14.67	1.170	ok	1.171	1.111-1.231
Freon 113	6.80	8.62	0.789	ok	0.788	0.728-0.848
Freon 114	4.34	8.62	0.503	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	1.414	1.354-1.474
Hexane	8.64	8.62	1.002	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	Reporting this level
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	
MSJ556-IC556	J10736.D	06/22/07 16:24	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.22	14.67	0.901	ok	0.899	0.839-0.959
Isopropylbenzene	16.42	14.67	1.119	ok	1.119	1.059-1.179
Isopropyl Alcohol	6.08	8.62	0.705	ok	0.698	0.638-0.758
Methylene chloride	6.55	8.62	0.760	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.12	8.62	0.942	ok	0.940	0.880-1.000
Methyl Isobutyl Ketone	12.03	10.44	1.152	ok	1.150	1.090-1.210
Methyl Tert Butyl Ether	7.78	8.62	0.903	ok	0.899	0.839-0.959
Nonane	15.97	14.67	1.089	ok	1.088	1.028-1.148
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
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	1.122	1.062-1.182
1,1,2,2-Tetrachloroethane	15.79	14.67	1.076	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.62	10.44	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.28	14.67	1.382	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.72	14.67	1.208	ok	1.207	1.147-1.267
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	6.67	8.62	0.774	ok	0.767	0.707-0.827
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.25	8.62	1.073	ok	1.066	1.006-1.126
Toluene	12.89	10.44	1.235	ok	1.234	1.174-1.294
Trichloroethylene	11.12	10.44	1.065	ok	1.064	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
Vinyl Acetate	7.82	8.62	0.907	ok	0.906	0.846-0.966
m,p-Xylene	15.27	14.67	1.041	ok	1.041	0.981-1.101
o-Xylene	15.78	14.67	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.63	8.30-8.96	407073	ok	371806	223084-520528
1,4-Difluorobenzene	10.44	ok	10.45	10.12-10.78	1800368	ok	1591757	955054-2228460
Chlorobenzene-D5	14.67	ok	14.68	14.35-15.01	1560130	ok	1368229	820937-1915521

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	Reporting this level
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	
MSJ556-IC556	J10736.D	06/22/07 16:24	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.75	8.63	0.666	ok	0.659	0.599-0.719
Benzene	10.12	10.44	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.09	10.44	1.062	ok	1.062	1.002-1.122
Bromoform	15.39	14.67	1.049	ok	1.050	0.990-1.110
Bromomethane	4.88	8.63	0.565	ok	0.564	0.504-0.624
Bromoethene	5.40	8.63	0.626	ok	0.625	0.565-0.685
Carbon disulfide	6.86	8.63	0.795	ok	0.795	0.735-0.855
Chlorobenzene	14.71	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	8.74	8.63	1.013	ok	1.014	0.954-1.074
Chloromethane	4.25	8.63	0.492	ok	0.492	0.432-0.552
Carbon tetrachloride	10.26	8.63	1.189	ok	1.189	1.129-1.249
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
Dichlorodifluoromethane	4.08	8.63	0.473	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	7.47	8.63	0.866	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.46	8.63	0.980	ok	0.981	0.921-1.041
Ethyl Acetate	8.64	8.63	1.001	ok	1.009	0.949-1.069
Freon 113	6.80	8.63	0.788	ok	0.788	0.728-0.848
Freon 114	4.34	8.63	0.503	ok	0.502	0.442-0.562
Hexachlorobutadiene	20.76	14.67	1.415	ok	1.414	1.354-1.474
Hexane	8.63	8.63	1.000	ok	1.001	0.941-1.061
Methylene chloride	6.56	8.63	0.760	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.17	8.63	0.947	ok	0.940	0.880-1.000
Methyl Tert Butyl Ether	7.81	8.63	0.905	ok	0.899	0.839-0.959
Pentane	6.15	8.63	0.713	ok	0.712	0.652-0.772
1,1,1-Trichloroethane	9.68	8.63	1.122	ok	1.122	1.062-1.182
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
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
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	5.81	8.63	0.673	ok	0.672	0.612-0.732
Vinyl chloride	4.46	8.63	0.517	ok	0.516	0.456-0.576
Vinyl Acetate	7.84	8.63	0.908	ok	0.906	0.846-0.966
m,p-Xylene	15.28	14.67	1.042	ok	1.041	0.981-1.101

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	Reporting this level
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	
MSJ556-IC556	J10736.D	06/22/07 16:24	DFT	2	GCMSJ	TO-15	

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	376183	ok	371806	223084-520528
1,4-Difluorobenzene	10.44	ok	10.45	10.12-10.78	1706067	ok	1591757	955054-2228460
Chlorobenzene-D5	14.67	ok	14.68	14.35-15.01	1365497	ok	1368229	820937-1915521

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	Reporting this level
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	
MSJ556-IC556	J10736.D	06/22/07 16:24	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	0.659	0.599-0.719
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	15.45	14.70	1.051	ok	1.050	0.990-1.110
Bromomethane	4.86	8.64	0.562	ok	0.564	0.504-0.624
Bromoethene	5.38	8.64	0.623	ok	0.625	0.565-0.685
Benzyl Chloride	17.91	14.70	1.218	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.64	0.793	ok	0.795	0.735-0.855
Chlorobenzene	14.75	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	8.76	8.64	1.014	ok	1.014	0.954-1.074
Chloromethane	4.24	8.64	0.491	ok	0.492	0.432-0.552
3-Chloropropene	6.66	8.64	0.771	ok	0.772	0.712-0.832
2-Chlorotoluene	17.01	14.70	1.157	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	11.22	10.47	1.072	ok	1.073	1.013-1.133
Dichlorodifluoromethane	4.07	8.64	0.471	ok	0.472	0.412-0.532
Dibromochloromethane	13.37	14.70	0.910	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	11.97	10.47	1.143	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.92	14.70	1.219	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.39	14.70	1.251	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	12.48	10.47	1.192	ok	1.192	1.132-1.252
Ethanol	5.25	8.64	0.608	ok	0.610	0.550-0.670
Ethylbenzene	15.12	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.73	8.64	1.010	ok	1.009	0.949-1.069
4-Ethyltoluene	17.19	14.70	1.169	ok	1.171	1.111-1.231
Freon 113	6.79	8.64	0.786	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	1.414	1.354-1.474
Hexane	8.64	8.64	1.000	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	Reporting this level
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	
MSJ556-IC556	J10736.D	06/22/07 16:24	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.22	14.70	0.899	ok	0.899	0.839-0.959
Isopropylbenzene	16.46	14.70	1.120	ok	1.119	1.059-1.179
Isopropyl Alcohol	6.08	8.64	0.704	ok	0.698	0.638-0.758
Methylene chloride	6.55	8.64	0.758	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.11	8.64	0.939	ok	0.940	0.880-1.000
Methyl Isobutyl Ketone	12.04	10.47	1.150	ok	1.150	1.090-1.210
Methyl Tert Butyl Ether	7.74	8.64	0.896	ok	0.899	0.839-0.959
Nonane	15.99	14.70	1.088	ok	1.088	1.028-1.148
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	9.69	8.64	1.122	ok	1.122	1.062-1.182
1,1,2,2-Tetrachloroethane	15.84	14.70	1.078	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.67	10.47	1.210	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	1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.28	14.70	1.176	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	6.68	8.64	0.773	ok	0.767	0.707-0.827
Tetrachloroethylene	14.03	14.70	0.954	ok	0.955	0.895-1.015
Tetrahydrofuran	9.19	8.64	1.064	ok	1.066	1.006-1.126
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	5.79	8.64	0.670	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	0.906	0.846-0.966
m,p-Xylene	15.31	14.70	1.041	ok	1.041	0.981-1.101
o-Xylene	15.82	14.70	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.64	ok	8.63	8.30-8.96	344414	ok	371806	223084-520528
1,4-Difluorobenzene	10.47	ok	10.45	10.12-10.78	1429822	ok	1591757	955054-2228460
Chlorobenzene-D5	14.70	ok	14.68	14.35-15.01	1373956	ok	1368229	820937-1915521

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	Reporting this level
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	
MSJ556-IC556	J10736.D	06/22/07 16:24	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.67	8.64	0.656	ok	0.659	0.599-0.719
1,3-Butadiene	4.60	8.64	0.532	ok	0.532	0.472-0.592
Benzene	10.14	10.46	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.11	10.46	1.062	ok	1.062	1.002-1.122
Bromoform	15.42	14.69	1.050	ok	1.050	0.990-1.110
Bromomethane	4.87	8.64	0.564	ok	0.564	0.504-0.624
Bromoethene	5.39	8.64	0.624	ok	0.625	0.565-0.685
Benzyl Chloride	17.90	14.69	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.86	8.64	0.794	ok	0.795	0.735-0.855
Chlorobenzene	14.73	14.69	1.003	ok	1.003	0.943-1.063
Chloroethane	5.04	8.64	0.583	ok	0.583	0.523-0.643
Chloroform	8.76	8.64	1.014	ok	1.014	0.954-1.074
Chloromethane	4.24	8.64	0.491	ok	0.492	0.432-0.552
3-Chloropropene	6.67	8.64	0.772	ok	0.772	0.712-0.832
2-Chlorotoluene	16.99	14.69	1.157	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	10.46	0.992	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	6.44	8.64	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.59	14.69	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.47	8.64	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.92	10.46	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.20	10.46	1.071	ok	1.073	1.013-1.133
Dichlorodifluoromethane	4.08	8.64	0.472	ok	0.472	0.412-0.532
Dibromochloromethane	13.35	14.69	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	11.95	10.46	1.142	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.92	14.69	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.38	14.69	1.251	ok	1.252	1.192-1.312
p-Dichlorobenzene	17.99	14.69	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.46	10.46	1.191	ok	1.192	1.132-1.252
Ethanol	5.25	8.64	0.608	ok	0.610	0.550-0.670
Ethylbenzene	15.11	14.69	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.71	8.64	1.008	ok	1.009	0.949-1.069
4-Ethyltoluene	17.27	14.69	1.176	ok	1.171	1.111-1.231
Freon 113	6.80	8.64	0.787	ok	0.788	0.728-0.848
Freon 114	4.34	8.64	0.502	ok	0.502	0.442-0.562
Heptane	11.37	10.46	1.087	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.69	1.413	ok	1.414	1.354-1.474
Hexane	8.64	8.64	1.000	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	Reporting this level
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	
MSJ556-IC556	J10736.D	06/22/07 16:24	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	14.69	0.899	ok	0.899	0.839-0.959
Isopropylbenzene	16.44	14.69	1.119	ok	1.119	1.059-1.179
Isopropyl Alcohol	6.03	8.64	0.698	ok	0.698	0.638-0.758
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	0.940	0.880-1.000
Methyl Isobutyl Ketone	12.03	10.46	1.150	ok	1.150	1.090-1.210
Methyl Tert Butyl Ether	7.74	8.64	0.896	ok	0.899	0.839-0.959
Nonane	15.98	14.69	1.088	ok	1.088	1.028-1.148
Pentane	6.15	8.64	0.712	ok	0.712	0.652-0.772
Propylene	4.01	8.64	0.464	ok	0.464	0.404-0.524
Styrene	15.69	14.69	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.69	8.64	1.122	ok	1.122	1.062-1.182
1,1,2,2-Tetrachloroethane	15.82	14.69	1.077	ok	1.077	1.017-1.137
1,1,2-Trichloroethane	12.65	10.46	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.27	14.69	1.380	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.73	14.69	1.207	ok	1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.27	14.69	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.13	10.46	1.064	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.63	8.64	0.767	ok	0.767	0.707-0.827
Tetrachloroethylene	14.02	14.69	0.954	ok	0.955	0.895-1.015
Tetrahydrofuran	9.19	8.64	1.064	ok	1.066	1.006-1.126
Toluene	12.90	10.46	1.233	ok	1.234	1.174-1.294
Trichloroethylene	11.13	10.46	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	4.46	8.64	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.82	8.64	0.905	ok	0.906	0.846-0.966
m,p-Xylene	15.29	14.69	1.041	ok	1.041	0.981-1.101
o-Xylene	15.80	14.69	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.64	ok	8.63	8.30-8.96	347194	ok	371806	223084-520528
1,4-Difluorobenzene	10.46	ok	10.45	10.12-10.78	1342564	ok	1591757	955054-2228460
Chlorobenzene-D5	14.69	ok	14.68	14.35-15.01	1160072	ok	1368229	820937-1915521

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	Reporting this level
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	
MSJ556-IC556	J10736.D	06/22/07 16:24	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.67	8.63	0.657	ok	0.659	0.599-0.719
1,3-Butadiene	4.60	8.63	0.533	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	15.41	14.68	1.050	ok	1.050	0.990-1.110
Bromomethane	4.87	8.63	0.564	ok	0.564	0.504-0.624
Bromoethene	5.40	8.63	0.626	ok	0.625	0.565-0.685
Benzyl Chloride	17.89	14.68	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.86	8.63	0.795	ok	0.795	0.735-0.855
Chlorobenzene	14.72	14.68	1.003	ok	1.003	0.943-1.063
Chloroethane	5.04	8.63	0.584	ok	0.583	0.523-0.643
Chloroform	8.75	8.63	1.014	ok	1.014	0.954-1.074
Chloromethane	4.24	8.63	0.491	ok	0.492	0.432-0.552
3-Chloropropene	6.67	8.63	0.773	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	10.37	10.45	0.992	ok	0.993	0.933-1.053
1,1-Dichloroethane	7.67	8.63	0.889	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.44	8.63	0.746	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.58	14.68	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.63	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.91	10.45	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.19	10.45	1.071	ok	1.073	1.013-1.133
Dichlorodifluoromethane	4.08	8.63	0.473	ok	0.472	0.412-0.532
Dibromochloromethane	13.34	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	17.91	14.68	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.37	14.68	1.251	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	10.45	1.191	ok	1.192	1.132-1.252
Ethanol	5.26	8.63	0.610	ok	0.610	0.550-0.670
Ethylbenzene	15.10	14.68	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.71	8.63	1.009	ok	1.009	0.949-1.069
4-Ethyltoluene	17.17	14.68	1.170	ok	1.171	1.111-1.231
Freon 113	6.80	8.63	0.788	ok	0.788	0.728-0.848
Freon 114	4.34	8.63	0.503	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	1.414	1.354-1.474
Hexane	8.64	8.63	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	Reporting this level
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	
MSJ556-IC556	J10736.D	06/22/07 16:24	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	16.43	14.68	1.119	ok	1.119	1.059-1.179
Isopropyl Alcohol	6.01	8.63	0.696	ok	0.698	0.638-0.758
Methylene chloride	6.56	8.63	0.760	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.09	8.63	0.937	ok	0.940	0.880-1.000
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	0.899	0.839-0.959
Nonane	15.98	14.68	1.089	ok	1.088	1.028-1.148
Pentane	6.15	8.63	0.713	ok	0.712	0.652-0.772
Propylene	4.01	8.63	0.465	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	9.69	8.63	1.123	ok	1.122	1.062-1.182
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	17.72	14.68	1.207	ok	1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.26	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	0.767	0.707-0.827
Tetrachloroethylene	14.02	14.68	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.19	8.63	1.065	ok	1.066	1.006-1.126
Toluene	12.90	10.45	1.234	ok	1.234	1.174-1.294
Trichloroethylene	11.12	10.45	1.064	ok	1.064	1.004-1.124
Trichlorofluoromethane	5.81	8.63	0.673	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	0.906	0.846-0.966
m,p-Xylene	15.28	14.68	1.041	ok	1.041	0.981-1.101
o-Xylene	15.80	14.68	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.63	8.30-8.96	393924	ok	371806	223084-520528
1,4-Difluorobenzene	10.45	ok	10.45	10.12-10.78	1684327	ok	1591757	955054-2228460
Chlorobenzene-D5	14.68	ok	14.68	14.35-15.01	1430596	ok	1368229	820937-1915521

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	Reporting this level
MSJ556-IC556	J10736.D	06/22/07 16:24	DFT	2	GCMSJ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.67	8.62	0.658	ok	0.659	0.599-0.719
1,3-Butadiene	4.59	8.62	0.532	ok	0.532	0.472-0.592
Benzene	10.12	10.44	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.09	10.44	1.062	ok	1.062	1.002-1.122
Bromoform	15.40	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	5.39	8.62	0.625	ok	0.625	0.565-0.685
Benzyl Chloride	17.89	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.62	0.795	ok	0.795	0.735-0.855
Chlorobenzene	14.72	14.67	1.003	ok	1.003	0.943-1.063
Chloroethane	5.03	8.62	0.584	ok	0.583	0.523-0.643
Chloroform	8.74	8.62	1.014	ok	1.014	0.954-1.074
Chloromethane	4.24	8.62	0.492	ok	0.492	0.432-0.552
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	13.58	14.67	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	10.44	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	4.07	8.62	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	7.45	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	17.90	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	12.44	10.44	1.192	ok	1.192	1.132-1.252
Ethanol	5.25	8.62	0.609	ok	0.610	0.550-0.670
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.70	8.62	1.009	ok	1.009	0.949-1.069
4-Ethyltoluene	17.17	14.67	1.170	ok	1.171	1.111-1.231
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	11.36	10.44	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.67	1.415	ok	1.414	1.354-1.474
Hexane	8.63	8.62	1.001	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	Reporting this level
MSJ556-IC556	J10736.D	06/22/07 16:24	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	1.119	1.059-1.179
Isopropyl Alcohol	5.97	8.62	0.693	ok	0.698	0.638-0.758
Methylene chloride	6.55	8.62	0.760	ok	0.759	0.699-0.819
Methyl ethyl ketone	8.08	8.62	0.937	ok	0.940	0.880-1.000
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	0.899	0.839-0.959
Nonane	15.97	14.67	1.089	ok	1.088	1.028-1.148
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	1.122	1.062-1.182
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	1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.25	14.67	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.12	10.44	1.065	ok	1.065	1.005-1.125
Tertiary Butyl Alcohol	6.56	8.62	0.761	ok	0.767	0.707-0.827
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.19	8.62	1.066	ok	1.066	1.006-1.126
Toluene	12.89	10.44	1.235	ok	1.234	1.174-1.294
Trichloroethylene	11.11	10.44	1.064	ok	1.064	1.004-1.124
Trichlorofluoromethane	5.80	8.62	0.673	ok	0.672	0.612-0.732
Vinyl chloride	4.45	8.62	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.80	8.62	0.905	ok	0.906	0.846-0.966
m,p-Xylene	15.27	14.67	1.041	ok	1.041	0.981-1.101
o-Xylene	15.78	14.67	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.63	8.30-8.96	369647	ok	371806	223084-520528
1,4-Difluorobenzene	10.44	ok	10.45	10.12-10.78	1607025	ok	1591757	955054-2228460
Chlorobenzene-D5	14.67	ok	14.68	14.35-15.01	1336832	ok	1368229	820937-1915521

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	
MSJ556-IC556	J10736.D	06/22/07 16:24	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	5.68	8.62	0.659	ok	0.659	0.599-0.719
1,3-Butadiene	4.58	8.62	0.531	ok	0.532	0.472-0.592
Benzene	10.12	10.44	0.969	ok	0.969	0.909-1.029
Bromodichloromethane	11.09	10.44	1.062	ok	1.062	1.002-1.122
Bromoform	15.39	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	5.39	8.62	0.625	ok	0.625	0.565-0.685
Benzyl Chloride	17.89	14.67	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.62	0.795	ok	0.795	0.735-0.855
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	0.492	0.432-0.552
3-Chloropropene	6.67	8.62	0.774	ok	0.772	0.712-0.832
2-Chlorotoluene	16.98	14.67	1.157	ok	1.157	1.097-1.217
Carbon tetrachloride	10.26	8.62	1.190	ok	1.189	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	6.42	8.62	0.745	ok	0.745	0.685-0.805
1,2-Dibromoethane	13.57	14.67	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.45	8.62	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.90	10.44	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.21	10.44	1.074	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	0.909	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	17.97	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	5.26	8.62	0.610	ok	0.610	0.550-0.670
Ethylbenzene	15.09	14.67	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.70	8.62	1.009	ok	1.009	0.949-1.069
4-Ethyltoluene	17.17	14.67	1.170	ok	1.171	1.111-1.231
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	11.36	10.44	1.088	ok	1.088	1.028-1.148
Hexachlorobutadiene	20.76	14.67	1.415	ok	1.414	1.354-1.474
Hexane	8.64	8.62	1.002	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
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	
MSJ556-IC556	J10728.D	06/22/07 09:26	DFT	0.5	GCMSJ	TO-15	
MSJ556-IC556	J10729.D	06/22/07 10:16	DFT	0.2	GCMSJ	TO-15	
MSJ556-IC556	J10731.D	06/22/07 11:55	DFT	40	GCMSJ	TO-15	
MSJ556-IC556	J10732.D	06/22/07 12:44	DFT	20	GCMSJ	TO-15	
MSJ556-ICC556	J10733.D	06/22/07 13:31	DFT	10	GCMSJ	TO-15	
MSJ556-IC556	J10734.D	06/22/07 14:21	DFT	5	GCMSJ	TO-15	
MSJ556-IC556	J10736.D	06/22/07 16:24	DFT	2	GCMSJ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.18	14.67	0.898	ok	0.899	0.839-0.959
Isopropylbenzene	16.42	14.67	1.119	ok	1.119	1.059-1.179
Isopropyl Alcohol	5.98	8.62	0.694	ok	0.698	0.638-0.758
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	0.940	0.880-1.000
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	0.899	0.839-0.959
Nonane	15.97	14.67	1.089	ok	1.088	1.028-1.148
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	15.66	14.67	1.067	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.68	8.62	1.123	ok	1.122	1.062-1.182
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	17.71	14.67	1.207	ok	1.207	1.147-1.267
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	6.58	8.62	0.763	ok	0.767	0.707-0.827
Tetrachloroethylene	14.01	14.67	0.955	ok	0.955	0.895-1.015
Tetrahydrofuran	9.19	8.62	1.066	ok	1.066	1.006-1.126
Toluene	12.88	10.44	1.234	ok	1.234	1.174-1.294
Trichloroethylene	11.12	10.44	1.065	ok	1.064	1.004-1.124
Trichlorofluoromethane	5.80	8.62	0.673	ok	0.672	0.612-0.732
Vinyl chloride	4.45	8.62	0.516	ok	0.516	0.456-0.576
Vinyl Acetate	7.80	8.62	0.905	ok	0.906	0.846-0.966
m,p-Xylene	15.28	14.67	1.042	ok	1.041	0.981-1.101
o-Xylene	15.78	14.67	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.62	ok	8.63	8.30-8.96	364210	ok	371806	223084-520528
1,4-Difluorobenzene	10.44	ok	10.45	10.12-10.78	1572129	ok	1591757	955054-2228460
Chlorobenzene-D5	14.67	ok	14.68	14.35-15.01	1350522	ok	1368229	820937-1915521

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M65607
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

Volatile Surrogate Recovery Summary

Job Number: M65607
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
M65607-1	J10725.D	90.0
M65607-2	J10751.D	91.0
M65230-1RDUP	J10721.D	98.0
M65607-2DUP	J10752.D	82.0
MSJ555-BS	J10716A.D	118.0
MSJ555-MB	J10718.D	100.0
MSJ556-BS	J10737B.D	108.0
MSJ556-MB	J10740.D	88.0
MSQ186-SCC	Q3409.D	82.0
MSQ198-SCC	Q3633A.D	85.0
MSQ186-BS	Q3396A.D	105.0
MSQ186-MB	Q3398.D	86.0
MSQ198-BS	Q3632A.D	108.0
MSQ198-MB	Q3633.D	85.0

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

Initial Calibration Summary

Job Number: M65607 **Sample:** MSJ552-ICC552
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10648.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Response Factor Report MSJ

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 15 09:22:40 2007
Response via : Initial Calibration

Calibration Files
40 =J10650.D 20 =J10649.D 10 =J10648.D 5 =J10647.D
2 =J10646.D .5 =J10644.D .2 =J10645.D 4 =J10094.D

Compound	40	20	10	5	2	.5	.2	4	Avg	%RSD
1) I BROMOCHLOROMETHANE	----------ISTD----------									
2) DICHLORODIFL	3.832	3.747	3.973	5.496	4.267	3.843	4.310		4.210	14.44
3) PROPYLENE	0.645	0.618	0.635	0.819	0.593	0.548	0.541		0.628	14.79
4) FREON 114	3.504	3.281	3.609	4.632	4.014	3.720	3.817		3.797	11.47
5) CHLOROMETHAN	0.857	0.821	0.889	1.187	0.940	0.945	0.871		0.930	13.08
6) VINYL CHLORI	1.072	1.010	1.044	1.341	1.120	0.970	0.842		1.057	14.50
7) 1,3-BUTADIEN	0.754	0.695	0.741	0.902	0.711	0.590	0.485		0.697	18.86
8) BROMOMETHANE	1.258	1.168	1.250	1.600	1.338	1.276	1.186		1.297	11.21
9) CHLOROETHANE	0.518	0.477	0.502	0.627	0.545	0.519	0.365		0.508	15.53
10) TRICHLOROFLU	4.026	3.693	4.058	5.138	4.570	4.102	4.441		4.290	11.00
11) ISOPROPYL AL	1.331	1.059	1.028	1.133	1.261	1.805			1.270	22.61
12) ACETONE	1.276	1.112	1.068	1.310	1.547	1.256			1.262	13.43
13) PENTANE	0.869	0.795	0.869	1.090	0.943	0.893	0.842		0.900	10.56
14) 1,1-DICHLORO	1.302	1.162	1.206	1.457	1.249	1.184	1.011		1.225	11.18
15) CARBON DISUL	3.374	3.190	3.473	4.421	3.781	3.447	3.669		3.622	11.08
16) ETHANOL	0.243	0.186	0.176	0.204	0.244	0.357			0.235	28.16
17) BROMOETHENE	1.320	1.192	1.243	1.473	1.156	1.156	0.957		1.214	13.15
18) METHYLENE CH	1.113	1.010	1.055	1.337	1.784	2.277	2.585		1.594	39.77
----- Linear regression ----- Coefficient = 0.9957										
Response Ratio = 0.05019 + 1.07701 *A										
19) 3-CHLOROPROP	1.026	0.762	0.733	0.849	0.814	0.960	0.559		0.815	18.85
20) FREON 113	2.794	2.504	2.619	3.311	3.015	2.856	2.903		2.858	9.24
21) TRANS-1,2-DI	1.275	1.125	1.139	1.359	1.231	1.130	1.007		1.181	9.84
22) TERTIARY BUT	1.881	1.440	1.383	1.466	1.535	1.628			1.556	11.61
23) METHYL TERTI	2.627	2.227	1.981	2.224	2.196	1.839	1.394		2.070	18.63
24) TETRAHYDROFU	0.817	0.711	0.622	0.658	0.631	0.416			0.642	20.58
25) HEXANE	1.281	1.126	1.162	1.365	1.446	1.390	1.471		1.320	10.24
26) VINYL ACETAT	1.636	1.375	1.184	1.313	1.305	1.188			1.334	12.47
27) 1,1-DICHLORO	1.980	1.749	1.782	2.156	2.136	1.991	1.728		1.932	9.34
28) METHYL ETHYL	1.469	1.301	1.198	1.359	1.464	1.040	1.101		1.276	13.28
29) cis-1,2-DICH	1.277	1.084	1.053	1.234	1.162	1.125	0.959		1.128	9.64
30) ETHYL ACETAT	1.592	1.388	1.313	1.450	1.547	1.155	1.218		1.380	11.79
31) CHLOROFORM	2.724	2.421	2.453	2.990	2.918	2.613	2.309		2.632	9.80
32) 1,1,1-TRICHL	3.268	2.871	2.908	3.436	3.428	3.204	2.665		3.111	9.62
33) CARBON TETRA	3.897	3.503	3.660	4.498	4.059	3.595	3.343		3.794	10.33
34) 1,2-DICHLORO	1.647	1.425	1.354	1.606	1.567	1.442	1.156		1.457	11.66
35) I 1,4-DIFLUOROBENZENE	----------ISTD----------									
36) BENZENE	0.804	0.659	0.618	0.716	0.728	0.681	0.502		0.672	14.18
37) CYCLOHEXANE	0.370	0.317	0.319	0.384	0.311	0.238	0.174		0.302	24.41
38) TRICHLOROETH	0.389	0.332	0.323	0.406	0.401	0.322	0.260		0.348	15.47
39) 1,2-DICHLORO	0.256	0.207	0.192	0.235	0.249	0.214	0.162		0.216	15.44
40) BROMODICHLOR	0.670	0.559	0.532	0.667	0.683	0.589	0.533		0.605	11.08
41) 2,2,4-TRIMET	1.106	0.997	1.021	1.181	1.154	0.874	0.534		0.981	22.75
42) 1,4-DIOXANE	0.166	0.122	0.112	0.110	0.145	0.178			0.139	20.68

Initial Calibration Summary

Job Number: M65607 **Sample:** MSJ552-ICC552
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10648.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
43) HEPTANE      0.363 0.309 0.301 0.351 0.345 0.258 0.171       0.300  22.44
44) METHYL ISOBU 0.463 0.371 0.325 0.351 0.401 0.213             0.354  23.61
45) cis-1,3-DICH 0.415 0.332 0.284 0.317 0.273 0.217 0.141       0.283  30.82
         ----- Quadratic regression -----                Coefficient =  0.9997
              Response Ratio = 0.00333 + 0.24818 *A + 0.04143 *A^2

46) TOLUENE      0.584 0.455 0.407 0.466 0.435 0.310 0.211       0.410  29.15
47) trans-1,3-DI 0.412 0.321 0.266 0.282 0.246 0.176 0.121       0.261  36.32
         ----- Quadratic regression -----                Coefficient =  0.9999
              Response Ratio = 0.00076 + 0.22915 *A + 0.04557 *A^2

48) 1,1,2-TRICHL 0.270 0.221 0.206 0.252 0.261 0.217 0.187       0.231  13.32

49) I   CHLOROBENZENE-D5      ----------------ISTD---------------------
50) 2-HEXANONE   0.481 0.365 0.313 0.349 0.344 0.198             0.342  26.73
51) TETRACHLOROE 0.578 0.461 0.433 0.543 0.529 0.463 0.397       0.487  13.37
52) DIBROMOCHLOR 0.792 0.653 0.614 0.796 0.778 0.659 0.566       0.694  13.50
53) 1,2-DIBROMOE 0.589 0.478 0.430 0.540 0.528 0.457 0.325       0.478  18.06
54) CHLOROBENZEN 0.903 0.731 0.684 0.868 0.880 0.768 0.642       0.782  13.16
55) ETHYLBENZENE 1.350 1.088 0.987 1.155 1.032 0.683 0.458       0.965  31.13
         ----- Quadratic regression -----                Coefficient =  0.9994
              Response Ratio = 0.02619 + 0.84446 *A + 0.12413 *A^2

56) m,p-XYLENE   0.559 0.443 0.411 0.502 0.470 0.299 0.172       0.408  32.31
         ----- Quadratic regression -----                Coefficient =  0.9990
              Response Ratio = 0.03506 + 0.33852 *A + 0.02685 *A^2

57) o-XYLENE     0.569 0.448 0.406 0.490 0.464 0.287 0.146       0.401  35.32
         ----- Quadratic regression -----                Coefficient =  0.9992
              Response Ratio = 0.01548 + 0.33639 *A + 0.05681 *A^2

58) STYRENE      0.843 0.639 0.543 0.542 0.498 0.277 0.163       0.501  44.92
         ----- Quadratic regression -----                Coefficient =  0.9999
              Response Ratio = 0.00227 + 0.44286 *A + 0.09972 *A^2

59) NONANE       0.521 0.434 0.416 0.486 0.510 0.299 0.136       0.400  34.60
            ----- Linear regression -----  Coefficient =  0.9921
              Response Ratio = -0.03574 + 0.51235 *A

60) BROMOFORM    0.870 0.675 0.606 0.737 0.764 0.608 0.467       0.675  19.34
61) 4-BROMOFLUOR 0.694 0.685 0.644 0.504 0.611 0.571 0.477       0.598  14.21
62) 1,1,2,2-TETR 0.708 0.577 0.536 0.652 0.810 0.626 0.439       0.621  19.33
63) ISOPROPYLBEN 1.616 1.288 1.169 1.311 1.358 0.824 0.522       1.155  31.73
         ----- Quadratic regression -----                Coefficient =  0.9995
              Response Ratio = 0.03645 + 0.97698 *A + 0.15688 *A^2

64) 2-CHLOROTOLU 1.138 0.902 0.787 0.853 0.881 0.547 0.347       0.779  33.12
         ----- Quadratic regression -----                Coefficient =  0.9997
              Response Ratio = 0.01645 + 0.66717 *A + 0.11641 *A^2

65) 4-ETHYLTOLUE 1.561 1.178 0.999 1.032 1.088 0.543             1.067  30.75
         ----- Quadratic regression -----                Coefficient =  0.9998
              Response Ratio = 0.03198 + 0.78436 *A + 0.19206 *A^2

66) 1,3,5-TRIMET 1.376 1.079 0.941 1.008 1.170 0.583             1.026  25.78
67) 1,2,4-TRIMET 1.311 1.001 0.833 0.871 0.977 0.444             0.906  31.14
         ----- Quadratic regression -----                Coefficient =  0.9998
              Response Ratio = 0.02674 + 0.67141 *A + 0.15827 *A^2

68) m-DICHLOROBE 0.988 0.747 0.635 0.769 0.849 0.600             0.765  18.62
```

Initial Calibration Summary

Job Number: M65607 **Sample:** MSJ552-ICC552
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10648.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
69) BENZYL CHLOR 0.849 0.598 0.481 0.506 0.486 0.307            0.538  33.34
         ----- Quadratic regression -----                Coefficient =  0.9998
              Response Ratio = 0.02008 + 0.34157 *A + 0.12557 *A^2

70) p-DICHLOROBE 0.961 0.725 0.613 0.716 0.730 0.526            0.712  20.51
71) o-DICHLOROBE 0.882 0.648 0.555 0.631 0.756 0.558            0.672  18.83
72) HEXACHLOROBU 0.558 0.431 0.369 0.454 1.172 0.914            0.650  49.44
         ----- Quadratic regression -----                Coefficient =  0.9962
              Response Ratio = 0.09939 + 0.22073 *A + 0.07814 *A^2

73) 1,2,4-TRICHL 0.386 0.281 0.210 0.207 0.477 0.350            0.319  33.24
         ----- Quadratic regression -----                Coefficient =  0.9987
              Response Ratio = 0.02821 + 0.14191 *A + 0.05934 *A^2

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

          J061407T.M        Sat Jun 16 14:10:33 2007
```

Initial Calibration Verification

Job Number: M65607 **Sample:** MSJ552-ICV552
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10653.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\J10653.D Vial: 4
Acq On : 15 Jun 2007 10:26 am Operator: danat
Sample : icv552-10 (m057) Inst : MSJ
Misc : MS13724, MSJ552,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 15 09:22:40 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	92	0.00	8.62
2	m	DICHLORODIFLUOROMETHANE	4.210	4.428	-5.2	102	0.00	4.07
3	m	PROPYLENE	0.628	0.725	-15.4	105	0.00	4.00
4	m	FREON 114	3.797	3.900	-2.7	99	0.00	4.32
5	m	CHLOROMETHANE	0.930	0.963	-3.5	99	0.00	4.23
6	m	VINYL CHLORIDE	1.057	1.164	-10.1	102	0.00	4.45
7	m	1,3-BUTADIENE	0.697	0.787	-12.9	97	0.00	4.58
8	m	BROMOMETHANE	1.297	1.362	-5.0	100	0.00	4.86
9	m	CHLOROETHANE	0.508	0.541	-6.5	99	0.00	5.03
10	m	TRICHLOROFLUOROMETHANE	4.290	4.418	-3.0	100	0.00	5.79
11	m	ISOPROPYL ALCOHOL	1.270	1.230	3.1	110	-0.01	5.95
12	m	ACETONE	1.262	1.135	10.1	97	0.00	5.66
13	m	PENTANE	0.900	0.954	-6.0	101	0.00	6.14
14	m	1,1-DICHLOROETHYLENE	1.225	1.268	-3.5	96	0.00	6.43
15	m	CARBON DISULFIDE	3.622	3.600	0.6	95	0.00	6.85
16	m	ETHANOL	0.235	0.201	14.5	105	-0.02	5.21
17	m	BROMOETHENE	1.214	1.349	-11.1	100	0.00	5.39
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	9.767	2.3	96	0.00	6.54
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	0.815	0.843	-3.4	106	0.00	6.66
20	m	FREON 113	2.858	2.764	3.3	97	0.00	6.79
21	m	TRANS-1,2-DICHLOROETHYLEN	1.181	1.228	-4.0	99	0.00	7.46
22	m	TERTIARY BUTYL ALCOHOL	1.556	1.671	-7.4	111	-0.01	6.54
23	m	METHYL TERTIARY BUTYL ETH	2.070	2.198	-6.2	102	0.00	7.73
24	m	TETRAHYDROFURAN	0.642	0.698	-8.7	103	0.00	9.18
25	m	HEXANE	1.320	1.198	9.2	95	0.00	8.63
26	m	VINYL ACETATE	1.334	1.313	1.6	102	0.00	7.80
27	m	1,1-DICHLOROETHANE	1.932	1.904	1.4	98	0.00	7.66
28	m	METHYL ETHYL KETONE	1.276	1.258	1.4	96	0.00	8.07
29	m	cis-1,2-DICHLOROETHYLENE	1.128	1.146	-1.6	100	0.00	8.46
30	m	ETHYL ACETATE	1.380	1.305	5.4	91	0.00	8.69
31	m	CHLOROFORM	2.632	2.652	-0.8	99	0.00	8.74
32	m	1,1,1-TRICHLOROETHANE	3.111	3.132	-0.7	99	0.00	9.68
33	m	CARBON TETRACHLORIDE	3.794	3.994	-5.3	100	0.00	10.26
34	m	1,2-DICHLOROETHANE	1.457	1.516	-4.0	103	0.00	9.45
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	90	0.00	10.44
36	m	BENZENE	0.672	0.698	-3.9	102	0.00	10.12
37	m	CYCLOHEXANE	0.302	0.347	-14.9	98	0.00	10.37

Initial Calibration Verification

Job Number: M65607 **Sample:** MSJ552-ICV552
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10653.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

38	m	TRICHLOROETHYLENE	0.348	0.363	-4.3	102	0.00	11.12
39	m	1,2-DICHLOROPROPANE	0.216	0.225	-4.2	106	0.00	10.90
40	m	BROMODICHLOROMETHANE	0.605	0.587	3.0	100	0.00	11.09
41	m	2,2,4-TRIMETHYLPENTANE	0.981	1.138	-16.0	101	0.00	11.12
42	m	1,4-DIOXANE	0.139	0.122	12.2	99	0.00	11.17
43	m	HEPTANE	0.300	0.326	-8.7	98	0.00	11.36
44	m	METHYL ISOBUTYL KETONE	0.354	0.362	-2.3	101	-0.01	11.99
		----------	True	Calc.	% Drift	----------		
45	m	cis-1,3-DICHLOROPROPENE	10.000	11.591	-15.9	110	0.00	11.94
		----------	AvgRF	CCRF	% Dev	----------		
46	m	TOLUENE	0.410	0.474	-15.6	105	0.00	12.89
		----------	True	Calc.	% Drift	----------		
47	m	trans-1,3-DICHLOROPROPENE	10.000	9.516	4.8	88	0.00	12.44
		----------	AvgRF	CCRF	% Dev	----------		
48	m	1,1,2-TRICHLOROETHANE	0.231	0.240	-3.9	106	0.00	12.62
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	91	0.00	14.67
50	m	2-HEXANONE	0.342	0.316	7.6	92	0.00	13.17
51	m	TETRACHLOROETHYLENE	0.487	0.509	-4.5	106	0.00	14.01
52	m	DIBROMOCHLOROMETHANE	0.694	0.700	-0.9	103	0.00	13.33
53	m	1,2-DIBROMOETHANE	0.478	0.487	-1.9	103	0.00	13.57
54	m	CHLOROBENZENE	0.685	0.774	-13.0	103	0.00	14.72
		----------	True	Calc.	% Drift	----------		
55	m	ETHYLBENZENE	10.000	11.394	-13.9	106	0.00	15.09
56	m	m,p-XYLENE	20.000	23.224	-16.1	107	-0.01	15.27
57	m	o-XYLENE	10.000	11.658	-16.6	108	0.00	15.79
58	m	STYRENE	10.000	10.880	-8.8	101	0.00	15.67
59	m	NONANE	10.000	10.236	-2.4	107	0.00	15.97
		----------	AvgRF	CCRF	% Dev	----------		
60	m	BROMOFORM	0.675	0.695	-3.0	104	0.00	15.40
61	S	4-BROMOFLUOROBENZENE	0.523	0.624	-19.3	88	0.00	16.29
62	m	1,1,2,2-TETRACHLOROETHANE	0.621	0.629	-1.3	106	0.00	15.80
		----------	True	Calc.	% Drift	----------		
63	m	ISOPROPYLBENZENE	10.000	11.578	-15.8	107	0.00	16.43
64	m	2-CHLOROTOLUENE	10.000	11.400	-14.0	107	0.00	16.98
65	m	4-ETHYLTOLUENE	10.000	10.724	-7.2	99	0.00	17.17
		----------	AvgRF	CCRF	% Dev	----------		
66	m	1,3,5-TRIMETHYLBENZENE	1.026	1.093	-6.5	105	0.00	17.26
		----------	True	Calc.	% Drift	----------		
67	m	1,2,4-TRIMETHYLBENZENE	10.000	11.389	-13.9	108	0.00	17.72
		----------	AvgRF	CCRF	% Dev	----------		
68	m	m-DICHLOROBENZENE	0.765	0.695	9.2	99	0.00	17.90
		----------	True	Calc.	% Drift	----------		
69	m	BENZYL CHLORIDE	10.000	9.941	0.6	91	0.00	17.89
		----------	AvgRF	CCRF	% Dev	----------		
70	m	p-DICHLOROBENZENE	0.712	0.629	11.7	93	0.00	17.98
71	m	o-DICHLOROBENZENE	0.672	0.654	2.7	107	0.00	18.37

Initial Calibration Verification

Job Number: M65607 **Sample:** MSJ552-ICV552
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10653.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
            ----------------------- True    Calc.   % Drift  ------------
72 m   HEXACHLOROBUTADIENE        10.000  12.813    -28.1  125   0.00   20.76
73 m   1,2,4-TRICHLOROBENZENE     10.000   9.480      5.2   93   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
    J10648.D   J061407T.M       Sat Jun 16 14:09:55 2007
```

Continuing Calibration Summary

Job Number: M65607 **Sample:** MSJ555-CC552
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10716.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\J10716.D Vial: 1
Acq On : 21 Jun 2007 12:37 pm Operator: danat
Sample : cc552-10 (m045) Inst : MSJ
Misc : MS13762, MSJ555,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 15 09:22:40 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	0.00	8.63
2	m	DICHLORODIFLUOROMETHANE	4.210	4.200	0.2	111	0.00	4.07
3	m	PROPYLENE	0.628	0.678	-8.0	112	0.00	4.00
4	m	FREON 114	3.797	3.723	1.9	108	0.00	4.33
5	m	CHLOROMETHANE	0.930	0.916	1.5	108	0.00	4.24
6	m	VINYL CHLORIDE	1.057	1.097	-3.8	110	0.00	4.46
7	m	1,3-BUTADIENE	0.697	0.814	-16.8	115	0.00	4.59
8	m	BROMOMETHANE	1.297	1.245	4.0	104	0.00	4.87
9	m	CHLOROETHANE	0.508	0.525	-3.3	110	0.00	5.04
10	m	TRICHLOROFLUOROMETHANE	4.290	4.429	-3.2	114	0.00	5.80
11	m	ISOPROPYL ALCOHOL	1.270	0.603	52.5#	61	0.02	5.98
12	m	ACETONE	1.262	1.185	6.1	116	0.00	5.67
13	m	PENTANE	0.900	0.979	-8.8	118	0.00	6.14
14	m	1,1-DICHLOROETHYLENE	1.225	1.169	4.6	102	0.00	6.43
15	m	CARBON DISULFIDE	3.622	3.355	7.4	101	0.00	6.85
16	m	ETHANOL	0.235	0.085	63.8#	51	0.01	5.24
17	m	BROMOETHENE	1.214	1.244	-2.5	105	0.00	5.39
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	9.423	5.8	106	0.00	6.55
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	0.815	1.026	-25.9	147	0.00	6.66
20	m	FREON 113	2.858	2.591	9.3	104	0.00	6.80
21	m	TRANS-1,2-DICHLOROETHYLEN	1.181	1.172	0.8	108	0.00	7.46
22	m	TERTIARY BUTYL ALCOHOL	1.556	0.855	45.1#	65	0.02	6.58
23	m	METHYL TERTIARY BUTYL ETH	2.070	2.313	-11.7	122	0.00	7.74
24	m	TETRAHYDROFURAN	0.642	0.651	-1.4	110	0.00	9.19
25	m	HEXANE	1.320	1.261	4.5	114	0.00	8.64
26	m	VINYL ACETATE	1.334	1.450	-8.7	128	0.00	7.81
27	m	1,1-DICHLOROETHANE	1.932	2.028	-5.0	119	0.00	7.66
28	m	METHYL ETHYL KETONE	1.276	1.206	5.5	105	0.00	8.09
29	m	cis-1,2-DICHLOROETHYLENE	1.128	1.164	-3.2	116	0.00	8.47
30	m	ETHYL ACETATE	1.380	1.364	1.2	109	0.01	8.70
31	m	CHLOROFORM	2.632	2.754	-4.6	118	0.00	8.75
32	m	1,1,1-TRICHLOROETHANE	3.111	3.312	-6.5	119	0.00	9.69
33	m	CARBON TETRACHLORIDE	3.794	3.948	-4.1	113	0.00	10.26
34	m	1,2-DICHLOROETHANE	1.457	1.618	-11.1	125	0.00	9.46
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	100	0.00	10.45
36	m	BENZENE	0.672	0.707	-5.2	115	0.00	10.13
37	m	CYCLOHEXANE	0.302	0.339	-12.3	107	0.00	10.37

Continuing Calibration Summary

Job Number: M65607 **Sample:** MSJ555-CC552
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10716.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

38	m	TRICHLOROETHYLENE	0.348	0.359	-3.2	111	0.00	11.12
39	m	1,2-DICHLOROPROPANE	0.216	0.233	-7.9	122	0.00	10.91
40	m	BROMODICHLOROMETHANE	0.605	0.599	1.0	113	0.00	11.10
41	m	2,2,4-TRIMETHYLPENTANE	0.981	1.192	-21.5	117	0.00	11.13
42	m	1,4-DIOXANE	0.139	0.049	64.7#	44	0.03	11.21
43	m	HEPTANE	0.300	0.359	-19.7	120	0.00	11.36
44	m	METHYL ISOBUTYL KETONE	0.354	0.327	7.6	101	0.01	12.01
		----------	True	Calc.	% Drift	----------		
45	m	cis-1,3-DICHLOROPROPENE	10.000	11.244	-12.4	118	0.00	11.94
		----------	AvgRF	CCRF	% Dev	----------		
46	m	TOLUENE	0.410	0.480	-17.1	118	0.00	12.89
		----------	True	Calc.	% Drift	----------		
47	m	trans-1,3-DICHLOROPROPENE	10.000	9.954	0.5	103	0.00	12.45
		----------	AvgRF	CCRF	% Dev	----------		
48	m	1,1,2-TRICHLOROETHANE	0.231	0.229	0.9	112	0.00	12.63
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	103	0.00	14.68
50	m	2-HEXANONE	0.342	0.255	25.4	84	0.01	13.19
51	m	TETRACHLOROETHYLENE	0.487	0.473	2.9	113	0.00	14.02
52	m	DIBROMOCHLOROMETHANE	0.694	0.659	5.0	111	0.00	13.33
53	m	1,2-DIBROMOETHANE	0.478	0.462	3.3	111	0.00	13.58
54	m	CHLOROBENZENE	0.685	0.735	-7.3	111	0.00	14.72
		----------	True	Calc.	% Drift	----------		
55	m	ETHYLBENZENE	10.000	11.335	-13.4	120	0.00	15.10
56	m	m,p-XYLENE	20.000	22.616	-13.1	118	0.00	15.29
57	m	o-XYLENE	10.000	11.463	-14.6	121	0.00	15.79
58	m	STYRENE	10.000	11.334	-13.3	120	0.00	15.68
59	m	NONANE	10.000	10.781	-7.8	128	0.00	15.98
		----------	AvgRF	CCRF	% Dev	----------		
60	m	BROMOFORM	0.675	0.645	4.4	110	0.00	15.41
61	S	4-BROMOFLUOROBENZENE	0.523	0.708	-35.4#	114	0.00	16.30
62	m	1,1,2,2-TETRACHLOROETHANE	0.621	0.590	5.0	114	0.00	15.80
		----------	True	Calc.	% Drift	----------		
63	m	ISOPROPYLBENZENE	10.000	11.609	-16.1	122	0.00	16.44
64	m	2-CHLOROTOLUENE	10.000	11.754	-17.5	126	0.00	16.99
65	m	4-ETHYLTOLUENE	10.000	10.997	-10.0	117	0.00	17.18
		----------	AvgRF	CCRF	% Dev	----------		
66	m	1,3,5-TRIMETHYLBENZENE	1.026	1.109	-8.1	122	0.00	17.26
		----------	True	Calc.	% Drift	----------		
67	m	1,2,4-TRIMETHYLBENZENE	10.000	11.562	-15.6	126	0.00	17.72
		----------	AvgRF	CCRF	% Dev	----------		
68	m	m-DICHLOROBENZENE	0.765	0.713	6.8	116	0.00	17.91
		----------	True	Calc.	% Drift	----------		
69	m	BENZYL CHLORIDE	10.000	9.524	4.8	99	0.00	17.89
		----------	AvgRF	CCRF	% Dev	----------		
70	m	p-DICHLOROBENZENE	0.712	0.647	9.1	109	0.00	17.99
71	m	o-DICHLOROBENZENE	0.672	0.632	6.0	118	0.00	18.37

Continuing Calibration Summary

Job Number: M65607 **Sample:** MSJ555-CC552
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10716.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

		True	Calc.	% Drift			
72 m	HEXACHLOROBUTADIENE	10.000	8.128	18.7	93	0.00	20.76
73 m	1,2,4-TRICHLOROBENZENE	10.000	6.571	34.3#	72	0.00	20.27

		AvgRF	CCRF	% Dev			
74 m	NAPHTHALENE	0.000	0.001	0.0	0#	0.00	20.40

(8.6 %) 6 of 70 compounds'%D > 30

(#) = Out of Range SPCC's out = 0 CCC's out = 0
J10648.D J061407T.M Fri Jun 22 09:44:03 2007

Initial Calibration Summary

Job Number: M65607 **Sample:** MSJ556-ICC556
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10733.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Response Factor Report MSJ

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration

Calibration Files
40 =J10731.D 20 =J10732.D 10 =J10733.D 5 =J10734.D
2 =J10736.D .5 =J10728.D .2 =J10729.D 4 =J10094.D

Compound	40	20	10	5	2	.5	.2	4	Avg	%RSD
1) I BROMOCHLOROMETHANE	----------ISTD----------									
2) DICHLORODIFL	3.603	2.732	2.618	2.667	3.570	3.876	3.279		3.192	16.20
3) PROPYLENE	0.587	0.409	0.398	0.405	0.513	0.507			0.470	16.45
4) FREON 114	3.149	2.450	2.071	2.323	3.085	3.434	2.828		2.763	17.96
5) CHLOROMETHAN	0.756	0.539	0.469	0.531	0.731	0.835	0.692		0.650	21.11
6) VINYL CHLORI	0.933	0.702	0.595	0.678	0.885	0.887	0.653		0.762	17.82
7) 1,3-BUTADIEN	0.712	0.528	0.443	0.501	0.657	0.617			0.577	17.77
8) BROMOMETHANE	1.079	0.871	0.746	0.856	0.997	1.191	0.905		0.949	15.85
9) CHLOROETHANE	0.451	0.332	0.274	0.339	0.419	0.459	0.298		0.367	20.35
10) TRICHLOROFLU	3.841	3.148	2.675	3.073	3.812	4.211	3.363		3.446	15.47
11) ISOPROPYL AL	1.270	0.957	0.835	0.895	1.014	1.743			1.119	30.45
----- Quadratic regression ----- Coefficient = 0.9999										
Response Ratio = 0.07697 + 0.59742 *A + 0.16314 *A^2										
12) ACETONE	1.270	0.914	0.800	0.975	1.449	1.873	1.601		1.269	31.19
----- Quadratic regression ----- Coefficient = 0.9989										
Response Ratio = 0.10238 + 0.52414 *A + 0.17942 *A^2										
13) PENTANE	0.820	0.651	0.572	0.641	0.748	0.848	0.694		0.710	14.11
14) 1,1-DICHLORO	1.116	0.992	0.820	0.901	0.990	1.027	0.860		0.958	10.74
15) CARBON DISUL	2.979	2.677	2.236	2.507	2.875	3.086	2.642		2.714	10.76
16) ETHANOL	0.209	0.167	0.136	0.153	0.215	0.284			0.194	27.93
17) BROMOETHENE	1.137	0.959	0.802	0.926	0.998	1.075	0.772		0.953	14.02
18) METHYLENE CH	0.982	0.856	0.691	0.793	1.826	1.814	1.955		1.274	44.07
----- Quadratic regression ----- Coefficient = 0.9966										
Response Ratio = 0.08642 + 0.61080 *A + 0.08789 *A^2										
19) 3-CHLOROPROP	1.051	0.840	0.572	0.614	0.765	0.857			0.783	22.42
20) FREON 113	2.457	2.277	1.892	2.045	2.318	2.624	2.077		2.241	11.34
21) TRANS-1,2-DI	1.116	1.037	0.830	0.903	0.955	1.050	0.754		0.949	13.61
22) TERTIARY BUT	1.756	1.492	1.136	1.272	1.024	0.979			1.277	23.45
23) METHYL TERTI	2.513	2.332	1.911	2.055	1.971	2.171	1.405		2.051	17.25
24) TETRAHYDROFU	0.773	0.739	0.570	0.598	0.594	0.548			0.637	14.83
25) HEXANE	1.188	1.164	0.985	1.019	1.219	1.375	1.221		1.167	11.30
26) VINYL ACETAT	1.627	1.424	1.143	1.130	0.869	1.254	0.939		1.198	22.12
27) 1,1-DICHLORO	1.850	1.626	1.295	1.392	1.664	1.978	1.449		1.608	15.44
28) METHYL ETHYL	1.496	1.381	1.104	1.161	1.239	1.440	1.047		1.267	13.75
29) cis-1,2-DICH	1.113	1.095	0.853	0.888	0.941	1.005	0.736		0.947	14.27
30) ETHYL ACETAT	1.619	1.593	1.231	1.250	1.311	1.512	0.890		1.344	19.08
31) CHLOROFORM	2.574	2.554	2.023	2.104	2.411	2.650	2.044		2.337	11.66
32) 1,1,1-TRICHL	3.089	2.871	2.178	2.411	2.874	3.014	2.138		2.654	15.12
33) CARBON TETRA	3.697	3.355	2.866	3.158	3.380	3.382	2.803		3.235	9.77
34) 1,2-DICHLORO	1.605	1.453	1.143	1.285	1.423	1.529	1.077		1.359	14.51
35) I 1,4-DIFLUOROBENZENE	----------ISTD----------									
36) BENZENE	0.686	0.652	0.468	0.495	0.546	0.571	0.374		0.541	19.89

Initial Calibration Summary

Job Number: M65607 **Sample:** MSJ556-ICC556
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10733.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
37) CYCLOHEXANE  0.311 0.315 0.241 0.250 0.244 0.205             0.261  16.52
38) TRICHLOROETH 0.345 0.327 0.252 0.270 0.282 0.290 0.193       0.280  17.94
39) 1,2-DICHLORO 0.220 0.194 0.145 0.160 0.179 0.185 0.137       0.174  16.83
40) BROMODICHLOR 0.610 0.559 0.420 0.458 0.495 0.520 0.363       0.489  17.11
41) 2,2,4-TRIMET 0.973 0.977 0.702 0.734 0.823 0.769             0.830  14.43
42) 1,4-DIOXANE  0.141 0.139 0.097 0.096 0.081 0.149             0.117  24.95
43) HEPTANE      0.322 0.298 0.223 0.235 0.257 0.249             0.264  14.52
44) METHYL ISOBU 0.428 0.389 0.273 0.289 0.238 0.274             0.315  23.88
45) cis-1,3-DICH 0.363 0.325 0.237 0.246 0.245 0.187             0.267  24.09
46) TOLUENE      0.491 0.452 0.330 0.343 0.355 0.297 0.191       0.351  28.15
47) trans-1,3-DI 0.366 0.320 0.229 0.230 0.224 0.157             0.254  29.60
48) 1,1,2-TRICHL 0.236 0.212 0.158 0.171 0.184 0.189 0.128       0.183  19.27

49) I   CHLOROBENZENE-D5      ----------------ISTD---------------------
50) 2-HEXANONE   0.395 0.385 0.267 0.297 0.207 0.239             0.299  25.85
51) TETRACHLOROE 0.478 0.472 0.351 0.380 0.383 0.392 0.327       0.398  14.45
52) DIBROMOCHLOR 0.682 0.704 0.508 0.550 0.545 0.578 0.417       0.569  17.38
53) 1,2-DIBROMOE 0.496 0.487 0.354 0.381 0.388 0.369 0.230       0.386  23.16
54) CHLOROBENZEN 0.707 0.695 0.526 0.562 0.592 0.626 0.465       0.596  14.70
55) ETHYLBENZENE 1.074 1.038 0.774 0.805 0.813 0.666 0.374       0.792  29.71
56) m,p-XYLENE   0.411 0.412 0.306 0.307 0.330 0.285 0.151       0.314  28.09
57) o-XYLENE     0.422 0.415 0.308 0.314 0.317 0.285 0.134       0.314  30.62
            ----- Linear regression -----  Coefficient =  0.9958
              Response Ratio = -0.03666 + 0.42734 *A

58) STYRENE      0.550 0.519 0.354 0.333 0.372 0.259             0.398  28.45
59) NONANE       0.359 0.333 0.241 0.255 0.316 0.309             0.302  15.07
60) BROMOFORM    0.734 0.710 0.507 0.521 0.527 0.527 0.366       0.556  22.85
61) 4-BROMOFLUOR 0.674 0.655 0.606 0.585 0.641 0.626 0.561       0.621   6.39
62) 1,1,2,2-TETR 0.586 0.566 0.405 0.437 0.489 0.563 0.321       0.481  20.50
63) ISOPROPYLBEN 1.258 1.209 0.879 0.885 0.898 0.917             1.007  17.48
64) 2-CHLOROTOLU 0.813 0.705 0.522 0.541 0.618 0.559             0.626  18.03
65) 4-ETHYLTOLUE 0.975 0.849 0.575 0.582 0.676 0.605             0.710  23.27
66) 1,3,5-TRIMET 0.957 0.861 0.626 0.627 0.685 0.722             0.746  18.03
67) 1,2,4-TRIMET 0.766 0.662 0.468 0.474 0.548 0.512             0.572  20.76
68) m-DICHLOROBE 0.563 0.481 0.352 0.372 0.487 0.473             0.455  17.38
69) BENZYL CHLOR 0.498 0.397 0.284 0.280 0.292 0.220             0.328  30.71
         ----- Quadratic regression -----                Coefficient =  0.9992
              Response Ratio = -0.00961 + 0.27514 *A + 0.05657 *A^2

70) p-DICHLOROBE 0.508 0.428 0.317 0.343 0.434 0.375             0.401  17.42
71) o-DICHLOROBE 0.515 0.412 0.308 0.336 0.444 0.466             0.413  19.12
72) HEXACHLOROBU 0.289 0.284 0.218 0.255 0.565 0.820 0.696       0.447  54.55
         ----- Quadratic regression -----                Coefficient =  0.9945
              Response Ratio = 0.02451 + 0.22595 *A + 0.01448 *A^2

73) 1,2,4-TRICHL 0.106 0.101 0.071 0.076 0.185 0.216             0.126  47.67
         ----- Quadratic regression -----                Coefficient =  0.9933
              Response Ratio = 0.00709 + 0.07524 *A + 0.00751 *A^2

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

          J062207T.M        Mon Jun 25 09:25:04 2007
```

Continuing Calibration Summary

Job Number: M65607 **Sample:** MSJ556-CC556
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10737A.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

```
Data File : C:\MSDCHEM\1\DATA\J10737A.D                    Vial: 3
Acq On    : 22 Jun 2007   5:13 pm                     Operator: danat
Sample    : cc556-10 (m045)                           Inst    : MSJ
Misc      : MS13762, MSJ556,,,,,1                     Multiplr: 1.00
MS Integration Params: LSCINT.P

Method       : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title        :  TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update  : Fri Jun 22 17:13:57 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	81	0.00	8.64
2	m	DICHLORODIFLUOROMETHANE	3.192	3.909	-22.5	121	0.00	4.09
3	m	PROPYLENE	0.470	0.608	-29.4	124	0.00	4.02
4	m	FREON 114	2.763	3.414	-23.6	134	0.00	4.34
5	m	CHLOROMETHANE	0.650	0.819	-26.0	142	0.00	4.25
6	m	VINYL CHLORIDE	0.762	0.977	-28.2	134	0.00	4.47
7	m	1,3-BUTADIENE	0.577	0.739	-28.1	136	0.00	4.60
8	m	BROMOMETHANE	0.949	1.129	-19.0	123	0.00	4.87
9	m	CHLOROETHANE	0.367	0.463	-26.2	137	0.00	5.04
10	m	TRICHLOROFLUOROMETHANE	3.446	4.154	-20.5	126	0.00	5.81
		----------	True	Calc.	% Drift	----------		
11	m	ISOPROPYL ALCOHOL	10.000	12.134	-21.3	101	0.00	6.01
12	m	ACETONE	10.000	12.599	-26.0	106	0.01	5.69
		----------	AvgRF	CCRF	% Dev	----------		
13	m	PENTANE	0.710	0.858	-20.8	122	0.00	6.16
14	m	1,1-DICHLOROETHYLENE	0.958	1.073	-12.0	106	0.00	6.44
15	m	CARBON DISULFIDE	2.714	3.016	-11.1	110	0.00	6.86
16	m	ETHANOL	0.194	0.157	19.1	94	0.02	5.28
17	m	BROMOETHENE	0.953	1.139	-19.5	115	0.00	5.40
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	11.872	-18.7	110	0.00	6.56
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	0.783	0.916	-17.0	130	0.00	6.68
20	m	FREON 113	2.241	2.378	-6.1	102	0.00	6.80
21	m	TRANS-1,2-DICHLOROETHYLEN	0.949	1.043	-9.9	102	0.00	7.47
22	m	TERTIARY BUTYL ALCOHOL	1.277	1.361	-6.6	97	0.00	6.61
23	m	METHYL TERTIARY BUTYL ETH	2.051	2.071	-1.0	88	0.01	7.75
24	m	TETRAHYDROFURAN	0.637	0.607	4.7	86	0.01	9.20
25	m	HEXANE	1.167	1.098	5.9	91	0.00	8.64
26	m	VINYL ACETATE	1.198	1.202	-0.3	85	0.00	7.82
27	m	1,1-DICHLOROETHANE	1.608	1.708	-6.2	107	0.00	7.67
28	m	METHYL ETHYL KETONE	1.267	1.167	7.9	86	0.00	8.10
29	m	cis-1,2-DICHLOROETHYLENE	0.947	0.955	-0.8	91	0.00	8.47
30	m	ETHYL ACETATE	1.344	1.259	6.3	83	0.00	8.72
31	m	CHLOROFORM	2.337	2.395	-2.5	96	0.00	8.76
32	m	1,1,1-TRICHLOROETHANE	2.654	2.916	-9.9	109	0.00	9.69
33	m	CARBON TETRACHLORIDE	3.235	3.672	-13.5	104	0.00	10.27
34	m	1,2-DICHLOROETHANE	1.359	1.373	-1.0	98	0.00	9.47

Continuing Calibration Summary

Job Number: M65607 **Sample:** MSJ556-CC556
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10737A.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	80	0.00	10.45
36	m	BENZENE	0.541	0.551	-1.8	94	0.00	10.14
37	m	CYCLOHEXANE	0.261	0.289	-10.7	96	0.00	10.38
38	m	TRICHLOROETHYLENE	0.280	0.291	-3.9	92	0.00	11.13
39	m	1,2-DICHLOROPROPANE	0.174	0.180	-3.4	99	0.00	10.91
40	m	BROMODICHLOROMETHANE	0.489	0.506	-3.5	96	0.00	11.10
41	m	2,2,4-TRIMETHYLPENTANE	0.830	0.965	-16.3	110	0.00	11.13
42	m	1,4-DIOXANE	0.117	0.085	27.4	70	0.01	11.21
43	m	HEPTANE	0.264	0.287	-8.7	103	0.00	11.37
44	m	METHYL ISOBUTYL KETONE	0.315	0.289	8.3	85	0.00	12.02
45	m	cis-1,3-DICHLOROPROPENE	0.267	0.280	-4.9	95	0.00	11.95
46	m	TOLUENE	0.351	0.392	-11.7	95	0.00	12.90
47	m	trans-1,3-DICHLOROPROPENE	0.254	0.215	15.4	75	0.00	12.45
48	m	1,1,2-TRICHLOROETHANE	0.183	0.189	-3.3	95	0.00	12.64
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	85	0.00	14.68
50	m	2-HEXANONE	0.299	0.225	24.7	71	0.01	13.20
51	m	TETRACHLOROETHYLENE	0.398	0.400	-0.5	96	0.00	14.02
52	m	DIBROMOCHLOROMETHANE	0.569	0.567	0.4	94	0.00	13.34
53	m	1,2-DIBROMOETHANE	0.386	0.377	2.3	90	0.00	13.59
54	m	CHLOROBENZENE	0.522	0.600	-14.9	96	0.00	14.72
55	m	ETHYLBENZENE	0.792	0.943	-19.1	103	0.00	15.10
56	m	m,p-XYLENE	0.314	0.386	-22.9	107	0.01	15.29
		----------	True	Calc.	% Drift	----------		
57	m	o-XYLENE	10.000	9.971	0.3	107	0.00	15.80
		----------	AvgRF	CCRF	% Dev	----------		
58	m	STYRENE	0.398	0.471	-18.3	113	0.00	15.68
59	m	NONANE	0.302	0.413	-36.8#	145	0.00	15.98
60	m	BROMOFORM	0.556	0.542	2.5	90	0.00	15.41
61	S	4-BROMOFLUOROBENZENE	0.543	0.671	-23.6	94	0.00	16.30
62	m	1,1,2,2-TETRACHLOROETHANE	0.481	0.471	2.1	98	0.00	15.81
63	m	ISOPROPYLBENZENE	1.007	1.142	-13.4	110	0.00	16.44
64	m	2-CHLOROTOLUENE	0.626	0.769	-22.8	125	0.00	16.99
65	m	4-ETHYLTOLUENE	0.710	0.883	-24.4	130	0.00	17.18
66	m	1,3,5-TRIMETHYLBENZENE	0.746	0.901	-20.8	122	0.00	17.26
67	m	1,2,4-TRIMETHYLBENZENE	0.572	0.782	-36.7#	141	0.00	17.73
68	m	m-DICHLOROBENZENE	0.455	0.493	-8.4	118	0.00	17.91
		----------	True	Calc.	% Drift	----------		
69	m	BENZYL CHLORIDE	10.000	9.782	2.2	93	0.00	17.89
		----------	AvgRF	CCRF	% Dev	----------		
70	m	p-DICHLOROBENZENE	0.401	0.428	-6.7	114	0.00	17.99
71	m	o-DICHLOROBENZENE	0.413	0.449	-8.7	124	0.00	18.37
		----------	True	Calc.	% Drift	----------		
72	m	HEXACHLOROBUTADIENE	10.000	11.630	-16.3	119	0.00	20.76
73	m	1,2,4-TRICHLOROBENZENE	10.000	11.626	-16.3	124	0.00	20.27
		----------	AvgRF	CCRF	% Dev	----------		
74	m	NAPHTHALENE	0.000	0.000	0.0	0#	0.00	20.40

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

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Continuing Calibration Summary

Job Number: M65607 **Sample:** MSJ556-CC556
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10737A.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

J10733.D J062207T.M Mon Jun 25 09:29:42 2007

Initial Calibration Verification

Job Number: M65607 **Sample:** MSJ556-ICV556
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10737.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\J10737.D Vial: 3
Acq On : 22 Jun 2007 5:13 pm Operator: danat
Sample : icv556-10 (m045) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 17:13:57 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	81	0.00	8.64
2	m	DICHLORODIFLUOROMETHANE	3.192	3.909	-22.5	121	0.00	4.09
3	m	PROPYLENE	0.470	0.608	-29.4	124	0.00	4.02
4	m	FREON 114	2.763	3.414	-23.6	134	0.00	4.34
5	m	CHLOROMETHANE	0.650	0.819	-26.0	142	0.00	4.25
6	m	VINYL CHLORIDE	0.762	0.977	-28.2	134	0.00	4.47
7	m	1,3-BUTADIENE	0.577	0.739	-28.1	136	0.00	4.60
8	m	BROMOMETHANE	0.949	1.129	-19.0	123	0.00	4.87
9	m	CHLOROETHANE	0.367	0.463	-26.2	137	0.00	5.04
10	m	TRICHLOROFLUOROMETHANE	3.446	4.154	-20.5	126	0.00	5.81
		----------	True	Calc.	% Drift	----------		
11	m	ISOPROPYL ALCOHOL	10.000	12.134	-21.3	101	0.00	6.01
12	m	ACETONE	10.000	12.599	-26.0	106	0.01	5.69
		----------	AvgRF	CCRF	% Dev	----------		
13	m	PENTANE	0.710	0.858	-20.8	122	0.00	6.16
14	m	1,1-DICHLOROETHYLENE	0.958	1.073	-12.0	106	0.00	6.44
15	m	CARBON DISULFIDE	2.714	3.016	-11.1	110	0.00	6.86
16	m	ETHANOL	0.194	0.157	19.1	94	0.02	5.28
17	m	BROMOETHENE	0.953	1.139	-19.5	115	0.00	5.40
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	11.872	-18.7	110	0.00	6.56
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	0.783	0.916	-17.0	130	0.00	6.68
20	m	FREON 113	2.241	2.378	-6.1	102	0.00	6.80
21	m	TRANS-1,2-DICHLOROETHYLEN	0.949	1.043	-9.9	102	0.00	7.47
22	m	TERTIARY BUTYL ALCOHOL	1.277	1.361	-6.6	97	0.00	6.61
23	m	METHYL TERTIARY BUTYL ETH	2.051	2.071	-1.0	88	0.01	7.75
24	m	TETRAHYDROFURAN	0.637	0.607	4.7	86	0.01	9.20
25	m	HEXANE	1.167	1.098	5.9	91	0.00	8.64
26	m	VINYL ACETATE	1.198	1.202	-0.3	85	0.00	7.82
27	m	1,1-DICHLOROETHANE	1.608	1.708	-6.2	107	0.00	7.67
28	m	METHYL ETHYL KETONE	1.267	1.167	7.9	86	0.00	8.10
29	m	cis-1,2-DICHLOROETHYLENE	0.947	0.955	-0.8	91	0.00	8.47
30	m	ETHYL ACETATE	1.344	1.259	6.3	83	0.00	8.72
31	m	CHLOROFORM	2.337	2.395	-2.5	96	0.00	8.76
32	m	1,1,1-TRICHLOROETHANE	2.654	2.916	-9.9	109	0.00	9.69
33	m	CARBON TETRACHLORIDE	3.235	3.672	-13.5	104	0.00	10.27
34	m	1,2-DICHLOROETHANE	1.359	1.373	-1.0	98	0.00	9.47

Initial Calibration Verification

Job Number: M65607 **Sample:** MSJ556-ICV556
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10737.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	80	0.00	10.45
36	m	BENZENE	0.541	0.551	-1.8	94	0.00	10.14
37	m	CYCLOHEXANE	0.261	0.289	-10.7	96	0.00	10.38
38	m	TRICHLOROETHYLENE	0.280	0.291	-3.9	92	0.00	11.13
39	m	1,2-DICHLOROPROPANE	0.174	0.180	-3.4	99	0.00	10.91
40	m	BROMODICHLOROMETHANE	0.489	0.506	-3.5	96	0.00	11.10
41	m	2,2,4-TRIMETHYLPENTANE	0.830	0.965	-16.3	110	0.00	11.13
42	m	1,4-DIOXANE	0.117	0.085	27.4	70	0.01	11.21
43	m	HEPTANE	0.264	0.287	-8.7	103	0.00	11.37
44	m	METHYL ISOBUTYL KETONE	0.315	0.289	8.3	85	0.00	12.02
45	m	cis-1,3-DICHLOROPROPENE	0.267	0.280	-4.9	95	0.00	11.95
46	m	TOLUENE	0.351	0.392	-11.7	95	0.00	12.90
47	m	trans-1,3-DICHLOROPROPENE	0.254	0.215	15.4	75	0.00	12.45
48	m	1,1,2-TRICHLOROETHANE	0.183	0.189	-3.3	95	0.00	12.64
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	85	0.00	14.68
50	m	2-HEXANONE	0.299	0.225	24.7	71	0.01	13.20
51	m	TETRACHLOROETHYLENE	0.398	0.400	-0.5	96	0.00	14.02
52	m	DIBROMOCHLOROMETHANE	0.569	0.567	0.4	94	0.00	13.34
53	m	1,2-DIBROMOETHANE	0.386	0.377	2.3	90	0.00	13.59
54	m	CHLOROBENZENE	0.522	0.600	-14.9	96	0.00	14.72
55	m	ETHYLBENZENE	0.792	0.943	-19.1	103	0.00	15.10
56	m	m,p-XYLENE	0.314	0.386	-22.9	107	0.01	15.29
		----------	True	Calc.	% Drift	----------		
57	m	o-XYLENE	10.000	9.971	0.3	107	0.00	15.80
		----------	AvgRF	CCRF	% Dev	----------		
58	m	STYRENE	0.398	0.471	-18.3	113	0.00	15.68
59	m	NONANE	0.302	0.413	-36.8#	145	0.00	15.98
60	m	BROMOFORM	0.556	0.542	2.5	90	0.00	15.41
61	S	4-BROMOFLUOROBENZENE	0.543	0.671	-23.6	94	0.00	16.30
62	m	1,1,2,2-TETRACHLOROETHANE	0.481	0.471	2.1	98	0.00	15.81
63	m	ISOPROPYLBENZENE	1.007	1.142	-13.4	110	0.00	16.44
64	m	2-CHLOROTOLUENE	0.626	0.769	-22.8	125	0.00	16.99
65	m	4-ETHYLTOLUENE	0.710	0.883	-24.4	130	0.00	17.18
66	m	1,3,5-TRIMETHYLBENZENE	0.746	0.901	-20.8	122	0.00	17.26
67	m	1,2,4-TRIMETHYLBENZENE	0.572	0.782	-36.7#	141	0.00	17.73
68	m	m-DICHLOROBENZENE	0.455	0.493	-8.4	118	0.00	17.91
		----------	True	Calc.	% Drift	----------		
69	m	BENZYL CHLORIDE	10.000	9.782	2.2	93	0.00	17.89
		----------	AvgRF	CCRF	% Dev	----------		
70	m	p-DICHLOROBENZENE	0.401	0.428	-6.7	114	0.00	17.99
71	m	o-DICHLOROBENZENE	0.413	0.449	-8.7	124	0.00	18.37
		----------	True	Calc.	% Drift	----------		
72	m	HEXACHLOROBUTADIENE	10.000	11.630	-16.3	119	0.00	20.76
73	m	1,2,4-TRICHLOROBENZENE	10.000	11.626	-16.3	124	0.00	20.27
		----------	AvgRF	CCRF	% Dev	----------		
74	m	NAPHTHALENE		----------NA----------				

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

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Initial Calibration Verification

Job Number: M65607 **Sample:** MSJ556-ICV556
Account: GEI GEI Consultants, Inc. **Lab FileID:** J10737.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

J10733.D J062207T.M Mon Jun 25 09:26:01 2007

Initial Calibration Summary

Job Number: M65607 **Sample:** MSQ185-ICC185
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3393.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Response Factor Report MAMSQ

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

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

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

Initial Calibration Summary

Job Number: M65607 **Sample:** MSQ185-ICC185
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3393.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

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

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

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

Initial Calibration Verification

Job Number: M65607 **Sample:** MSQ185-ICV185
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3395.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

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

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

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	RT Window
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	118	0.00	8.22- 8.63
2	m	DICHLORODIFLUOROMETHAN	8.349	8.318	0.4	115	0.00	3.39- 3.80
3	m	PROPYLENE	2.958	3.027	-2.3	115	0.00	3.31- 3.72
4	m	FREON 114	8.475	8.740	-3.1	115	0.00	3.65- 4.06
5	m	CHLOROMETHANE	3.727	3.841	-3.1	114	0.00	3.55- 3.96
6	m	VINYL CHLORIDE	3.084	3.193	-3.5	115	0.00	3.77- 4.19
7	m	1,3-BUTADIENE	3.149	3.086	2.0	115	0.00	3.91- 4.32
		----------	True	Calc.	% Drift	----------		
8	m	BROMOMETHANE	10.000	11.420	-14.2	115	0.00	4.19- 4.60
		----------	AvgRF	CCRF	% Dev	----------		
9	m	CHLOROETHANE	1.309	1.344	-2.7	111	0.00	4.36- 4.78
10	m	TRICHLOROFLUOROMETHANE	9.183	8.892	3.2	112	0.00	5.18- 5.59
11	m	ISOPROPYL ALCOHOL	5.867	4.847	17.4	105	0.00	5.20- 5.68
12	m	ACETONE	5.219	4.981	4.6	114	0.00	4.98- 5.39
13	m	PENTANE	2.842	2.408	15.3	105	0.00	5.61- 5.92
14	m	1,1-DICHLOROETHYLENE	2.451	2.416	1.4	113	0.00	5.86- 6.27
15	m	CARBON DISULFIDE	5.942	4.885	17.8	95	0.00	6.32- 6.73
16	m	ETHANOL	1.201	1.078	10.2	106	0.00	4.44- 4.90
		----------	True	Calc.	% Drift	----------		
17	m	BROMOETHENE	10.000	11.683	-16.8	114	0.00	4.73- 5.14
18	m	METHYLENE CHLORIDE	10.000	10.398	-4.0	103	0.00	6.04- 6.34
19	m	3-CHLOROPROPENE	10.000	7.807	21.9	89	0.00	6.11- 6.53
		----------	AvgRF	CCRF	% Dev	----------		
20	m	FREON 113	4.327	4.235	2.1	101	0.00	6.26- 6.67
21	m	TRANS-1,2-DICHLOROETHY	2.123	1.971	7.2	99	0.00	6.98- 7.39
22	m	TERTIARY BUTYL ALCOHOL	5.232	4.931	5.8	108	0.00	5.83- 6.35
23	m	METHYL TERTIARY BUTYL	4.887	4.566	6.6	103	0.00	7.24- 7.65
24	m	TETRAHYDROFURAN	3.014	2.499	17.1	104	0.00	8.81- 9.10
25	m	HEXANE	3.289	2.640	19.7	113	0.00	8.25- 8.66
26	m	VINYL ACETATE	5.409	4.004	26.0	97	0.00	7.36- 7.71
27	m	1,1-DICHLOROETHANE	4.284	3.674	14.2	97	0.00	7.18- 7.60
28	m	METHYL ETHYL KETONE	5.984	5.883	1.7	120	0.00	7.55- 8.03
29	m	cis-1,2-DICHLOROETHYLE	1.613	1.436	11.0	126	0.00	8.04- 8.45
30	m	ETHYL ACETATE	9.780	7.884	19.4	104	0.00	8.25- 8.67
31	m	CHLOROFORM	4.536	3.958	12.7	116	0.00	8.35- 8.76
32	m	1,1,1-TRICHLOROETHANE	4.569	4.524	1.0	122	0.00	9.34- 9.76
33	m	CARBON TETRACHLORIDE	5.011	5.116	-2.1	124	0.00	9.95-10.36
34	m	1,2-DICHLOROETHANE	3.659	3.579	2.2	116	0.00	9.09- 9.50

Initial Calibration Verification

Job Number: M65607 **Sample:** MSQ185-ICV185
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3395.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

Continuing Calibration Summary

Job Number: M65607 **Sample:** MSQ186-CC185
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3396.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

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

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

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	RT Window
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	107	0.00	8.22- 8.63
2	m	DICHLORODIFLUOROMETHAN	8.349	8.250	1.2	103	0.00	3.38- 3.80
3	m	PROPYLENE	2.958	3.120	-5.5	107	0.00	3.31- 3.72
4	m	FREON 114	8.475	8.698	-2.6	104	0.00	3.65- 4.06
5	m	CHLOROMETHANE	3.727	3.955	-6.1	106	0.00	3.55- 3.96
6	m	VINYL CHLORIDE	3.084	3.158	-2.4	103	0.00	3.77- 4.18
7	m	1,3-BUTADIENE	3.149	3.280	-4.2	110	0.00	3.91- 4.32
		----------	True	Calc.	% Drift	----------		
8	m	BROMOMETHANE	10.000	10.972	-9.7	101	0.00	4.19- 4.60
		----------	AvgRF	CCRF	% Dev	----------		
9	m	CHLOROETHANE	1.309	1.320	-0.8	99	0.00	4.36- 4.78
10	m	TRICHLOROFLUOROMETHANE	9.183	7.856	14.5	90	0.00	5.18- 5.59
11	m	ISOPROPYL ALCOHOL	5.867	4.104	30.0	81	0.00	5.20- 5.68
12	m	ACETONE	5.219	4.251	18.5	88	0.00	4.98- 5.39
13	m	PENTANE	2.842	2.090	26.5	82	0.00	5.61- 5.92
14	m	1,1-DICHLOROETHYLENE	2.451	2.126	13.3	90	0.00	5.86- 6.27
15	m	CARBON DISULFIDE	5.942	5.259	11.5	92	0.00	6.31- 6.73
16	m	ETHANOL	1.201	1.147	4.5	102	0.00	4.43- 4.90
		----------	True	Calc.	% Drift	----------		
17	m	BROMOETHENE	10.000	10.528	-5.3	94	0.00	4.73- 5.14
18	m	METHYLENE CHLORIDE	10.000	9.182	8.2	83	0.00	6.04- 6.34
19	m	3-CHLOROPROPENE	10.000	8.790	12.1	90	0.00	6.11- 6.53
		----------	AvgRF	CCRF	% Dev	----------		
20	m	FREON 113	4.327	4.499	-4.0	97	0.00	6.26- 6.67
21	m	TRANS-1,2-DICHLOROETHY	2.123	2.089	1.6	95	0.00	6.97- 7.38
22	m	TERTIARY BUTYL ALCOHOL	5.232	4.415	15.6	87	0.00	5.83- 6.34
23	m	METHYL TERTIARY BUTYL	4.887	4.826	1.2	98	0.00	7.23- 7.65
24	m	TETRAHYDROFURAN	3.014	3.035	-0.7	114	0.00	8.81- 9.10
25	m	HEXANE	3.289	3.104	5.6	120	0.00	8.25- 8.66
26	m	VINYL ACETATE	5.409	4.404	18.6	96	0.00	7.36- 7.71
27	m	1,1-DICHLOROETHANE	4.284	3.956	7.7	95	0.00	7.18- 7.60
28	m	METHYL ETHYL KETONE	5.984	6.318	-5.6	117	0.00	7.55- 8.03
29	m	cis-1,2-DICHLOROETHYLE	1.613	1.472	8.7	117	0.00	8.04- 8.46
30	m	ETHYL ACETATE	9.780	10.164	-3.9	121	0.00	8.25- 8.67
31	m	CHLOROFORM	4.536	4.329	4.6	114	0.00	8.35- 8.76
32	m	1,1,1-TRICHLOROETHANE	4.569	4.590	-0.5	112	0.00	9.34- 9.75
33	m	CARBON TETRACHLORIDE	5.011	5.158	-2.9	113	0.00	9.95-10.36
34	m	1,2-DICHLOROETHANE	3.659	3.737	-2.1	110	0.00	9.09- 9.50

Continuing Calibration Summary

Job Number: M65607 **Sample:** MSQ186-CC185
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3396.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

Initial Calibration Summary

Job Number: M65607 **Sample:** MSQ197-ICC197
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3625.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Response Factor Report MAMSQ

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

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

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

Initial Calibration Summary

Job Number: M65607 **Sample:** MSQ197-ICC197
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3625.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

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

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

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

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

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

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

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

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

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

Initial Calibration Summary

Job Number: M65607 **Sample:** MSQ197-ICC197
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3625.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

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

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

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

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

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

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

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

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

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

Initial Calibration Verification

Job Number: M65607 **Sample:** MSQ197-ICV197
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3631.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

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

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

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

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

Initial Calibration Verification

Job Number: M65607 **Sample:** MSQ197-ICV197
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3631.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

			True	Calc.	% Drift			
38	m	TRICHLOROETHYLENE	10.000	10.773	-7.7	144	0.00	10.90-11.21

			AvgRF	CCRF	% Dev			
39	m	1,2-DICHLOROPROPANE	0.365	0.364	0.3	132	0.00	10.62-11.03
40	m	BROMODICHLOROMETHANE	1.335	1.316	1.4	132	0.00	10.86-11.17
41	m	2,2,4-TRIMETHYLPENTANE	1.483	1.652	-11.4	156	0.00	10.87-11.29

			True	Calc.	% Drift			
42	m	1,4-DIOXANE	10.000	11.876	-18.8	151	0.00	10.79-11.31

			AvgRF	CCRF	% Dev			
43	m	HEPTANE	0.636	0.684	-7.5	148	0.00	11.17-11.48
44	m	METHYL ISOBUTYL KETONE	1.023	1.164	-13.8	139	0.00	11.71-12.14
45	m	cis-1,3-DICHLOROPROPEN	0.629	0.734	-16.7	140	0.00	11.69-12.11

			True	Calc.	% Drift			
46	m	TOLUENE	10.000	10.914	-9.1	145	0.00	12.68-13.09
47	m	trans-1,3-DICHLOROPROP	10.000	8.249	17.5	120	0.00	12.26-12.57

			AvgRF	CCRF	% Dev			
48	m	1,1,2-TRICHLOROETHANE	0.346	0.427	-23.4	149	0.00	12.42-12.78
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	124	0.00	14.54-14.85
50	m	2-HEXANONE	1.011	1.244	-23.0	150	0.00	12.92-13.32
51	m	TETRACHLOROETHYLENE	0.728	0.776	-6.6	148	0.00	13.83-14.24
52	m	DIBROMOCHLOROMETHANE	1.541	1.654	-7.3	140	-0.01	13.14-13.50
53	m	1,2-DIBROMOETHANE	0.971	1.105	-13.8	145	0.00	13.42-13.73
54	m	CHLOROBENZENE	1.148	1.231	-7.2	143	0.00	14.59-14.90
55	m	ETHYLBENZENE	1.937	2.097	-8.3	132	0.00	14.95-15.31

			True	Calc.	% Drift			
56	m	m,p-XYLENE	20.000	22.573	-12.9	134	0.00	15.15-15.51
57	m	o-XYLENE	10.000	10.822	-8.2	136	0.00	15.65-16.01
58	m	STYRENE	10.000	8.997	10.0	133	0.00	15.55-15.86

			AvgRF	CCRF	% Dev			
59	m	NONANE	1.301	1.542	-18.5	131	0.00	15.88-16.19

			True	Calc.	% Drift			
60	m	BROMOFORM	10.000	11.480	-14.8	141	-0.01	15.27-15.58

			AvgRF	CCRF	% Dev			
61	S	4-BROMOFLUOROBENZENE	1.052	1.119	-6.4	107	0.00	16.18-16.49
62	m	1,1,2,2-TETRACHLOROETH	1.188	1.580	-33.0#	145	0.00	15.67-15.98

			True	Calc.	% Drift			
63	m	ISOPROPYLBENZENE	10.000	10.275	-2.8	145	0.00	16.33-16.64
64	m	2-CHLOROTOLUENE	10.000	9.833	1.7	118	0.00	16.83-17.24
65	m	4-ETHYLTOLUENE	10.000	8.898	11.0	114	0.00	17.09-17.36
66	m	1,3,5-TRIMETHYLBENZENE	10.000	9.450	5.5	141	0.00	17.18-17.44
67	m	1,2,4-TRIMETHYLBENZENE	10.000	9.369	6.3	106	0.00	17.62-17.93
68	m	m-DICHLOROBENZENE	10.000	10.051	-0.5	109	0.00	17.79-18.12
69	m	BENZYL CHLORIDE	10.000	10.015	-0.2	115	0.00	17.78-18.09
70	m	p-DICHLOROBENZENE	10.000	9.835	1.6	110	0.00	17.92-18.15
71	m	o-DICHLOROBENZENE	10.000	10.314	-3.1	151	0.00	18.26-18.57
72	m	HEXACHLOROBUTADIENE	10.000	15.354	-53.5#	227	0.00	20.61-21.02
73	m	1,2,4-TRICHLOROBENZENE	10.000	16.714	-67.1#	200	0.00	20.12-20.53

Initial Calibration Verification

Job Number: M65607 **Sample:** MSQ197-ICV197
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3631.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
            ----------------------- AvgRF   CCRF     % Dev   -------------
74 m   NAPHTHALENE                          ----------NA----------
75     2-METHYLNAPHTHALENE                  ----------NA----------
76     1-METHYLNAPHTHALENE                  ----------NA----------
-------------------------------------------------------------------------
-------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    Q3625.D    Q060507T.m       Wed Jun 06 15:10:33 2007   RPT1
```

Continuing Calibration Summary

Job Number: M65607 **Sample:** MSQ198-CC197
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3632.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Evaluate Continuing Calibration Report

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

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

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

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

Continuing Calibration Summary

Job Number: M65607 **Sample:** MSQ198-CC197
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3632.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

			True	Calc.	% Drift			
38	m	TRICHLOROETHYLENE	10.000	10.405	-4.0	140	0.00	10.90-11.21

			AvgRF	CCRF	% Dev			
39	m	1,2-DICHLOROPROPANE	0.365	0.348	4.7	128	0.00	10.62-11.03
40	m	BROMODICHLOROMETHANE	1.335	1.306	2.2	133	0.00	10.86-11.17
41	m	2,2,4-TRIMETHYLPENTANE	1.483	1.544	-4.1	148	0.00	10.87-11.29

			True	Calc.	% Drift			
42	m	1,4-DIOXANE	10.000	11.189	-11.9	142	0.00	10.78-11.31

			AvgRF	CCRF	% Dev			
43	m	HEPTANE	0.636	0.636	0.0	139	0.00	11.17-11.48
44	m	METHYL ISOBUTYL KETONE	1.023	1.077	-5.3	130	0.00	11.70-12.13
45	m	cis-1,3-DICHLOROPROPEN	0.629	0.689	-9.5	133	0.00	11.70-12.11

			True	Calc.	% Drift			
46	m	TOLUENE	10.000	10.197	-2.0	136	0.00	12.68-13.09
47	m	trans-1,3-DICHLOROPROP	10.000	7.948	20.5	117	0.00	12.26-12.57

			AvgRF	CCRF	% Dev			
48	m	1,1,2-TRICHLOROETHANE	0.346	0.402	-16.2	142	0.00	12.42-12.78
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	126	0.00	14.54-14.85
50	m	2-HEXANONE	1.011	1.123	-11.1	138	0.00	12.91-13.32
51	m	TETRACHLOROETHYLENE	0.728	0.798	-9.6	154	0.00	13.83-14.24
52	m	DIBROMOCHLOROMETHANE	1.541	1.658	-7.6	143	0.00	13.14-13.50
53	m	1,2-DIBROMOETHANE	0.971	1.105	-13.8	148	0.00	13.42-13.73
54	m	CHLOROBENZENE	1.148	1.167	-1.7	138	0.00	14.59-14.90
55	m	ETHYLBENZENE	1.937	1.965	-1.4	126	0.00	14.95-15.31

			True	Calc.	% Drift			
56	m	m,p-XYLENE	20.000	21.935	-9.7	132	0.00	15.14-15.50
57	m	o-XYLENE	10.000	10.061	-0.6	127	0.00	15.65-16.01
58	m	STYRENE	10.000	8.353	16.5	123	0.00	15.55-15.86

			AvgRF	CCRF	% Dev			
59	m	NONANE	1.301	1.407	-8.1	122	0.00	15.88-16.19

			True	Calc.	% Drift			
60	m	BROMOFORM	10.000	10.997	-10.0	136	0.00	15.27-15.58

			AvgRF	CCRF	% Dev			
61	S	4-BROMOFLUOROBENZENE	1.052	1.133	-7.7	110	0.00	16.18-16.49
62	m	1,1,2,2-TETRACHLOROETH	1.188	1.444	-21.5	135	0.00	15.66-15.97

			True	Calc.	% Drift			
63	m	ISOPROPYLBENZENE	10.000	9.819	1.8	140	0.00	16.33-16.64
64	m	2-CHLOROTOLUENE	10.000	9.363	6.4	114	0.00	16.83-17.24
65	m	4-ETHYLTOLUENE	10.000	8.510	14.9	110	0.00	17.09-17.36
66	m	1,3,5-TRIMETHYLBENZENE	10.000	9.179	8.2	138	0.00	17.18-17.44
67	m	1,2,4-TRIMETHYLBENZENE	10.000	9.140	8.6	105	0.00	17.62-17.93
68	m	m-DICHLOROBENZENE	10.000	9.984	0.2	110	0.00	17.79-18.12
69	m	BENZYL CHLORIDE	10.000	9.799	2.0	114	0.00	17.78-18.09
70	m	p-DICHLOROBENZENE	10.000	9.834	1.7	112	0.00	17.91-18.15
71	m	o-DICHLOROBENZENE	10.000	8.480	15.2	122	0.00	18.26-18.57
72	m	HEXACHLOROBUTADIENE	10.000	15.632	-56.3#	237	0.00	20.61-21.02
73	m	1,2,4-TRICHLOROBENZENE	10.000	13.725	-37.2#	157	0.00	20.12-20.53

Continuing Calibration Summary

Job Number: M65607 **Sample:** MSQ198-CC197
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q3632.D
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

```
            ----------------------- AvgRF   CCRF     % Dev   -------------
74 m   NAPHTHALENE                          ----------NA----------
75     2-METHYLNAPHTHALENE                  ----------NA----------
76     1-METHYLNAPHTHALENE                  ----------NA----------
-------------------------------------------------------------------------
-------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    Q3625.D    Q060507T.m       Wed Jun 06 16:17:34 2007   RPT1
```

GC/MS Volatiles

Raw Data

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
06/22/07 14:27

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10725.D
Acq On : 21 Jun 2007 8:51 pm
Operator : danat
Sample : m65607-1 (m026)
Misc : MS13799, MSJ555,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 22 10:19:09 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 15 09:22:40 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	311522	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1162595	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	951739m	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	256355	4.50	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 90.00%

Target Compounds	Qvalue

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

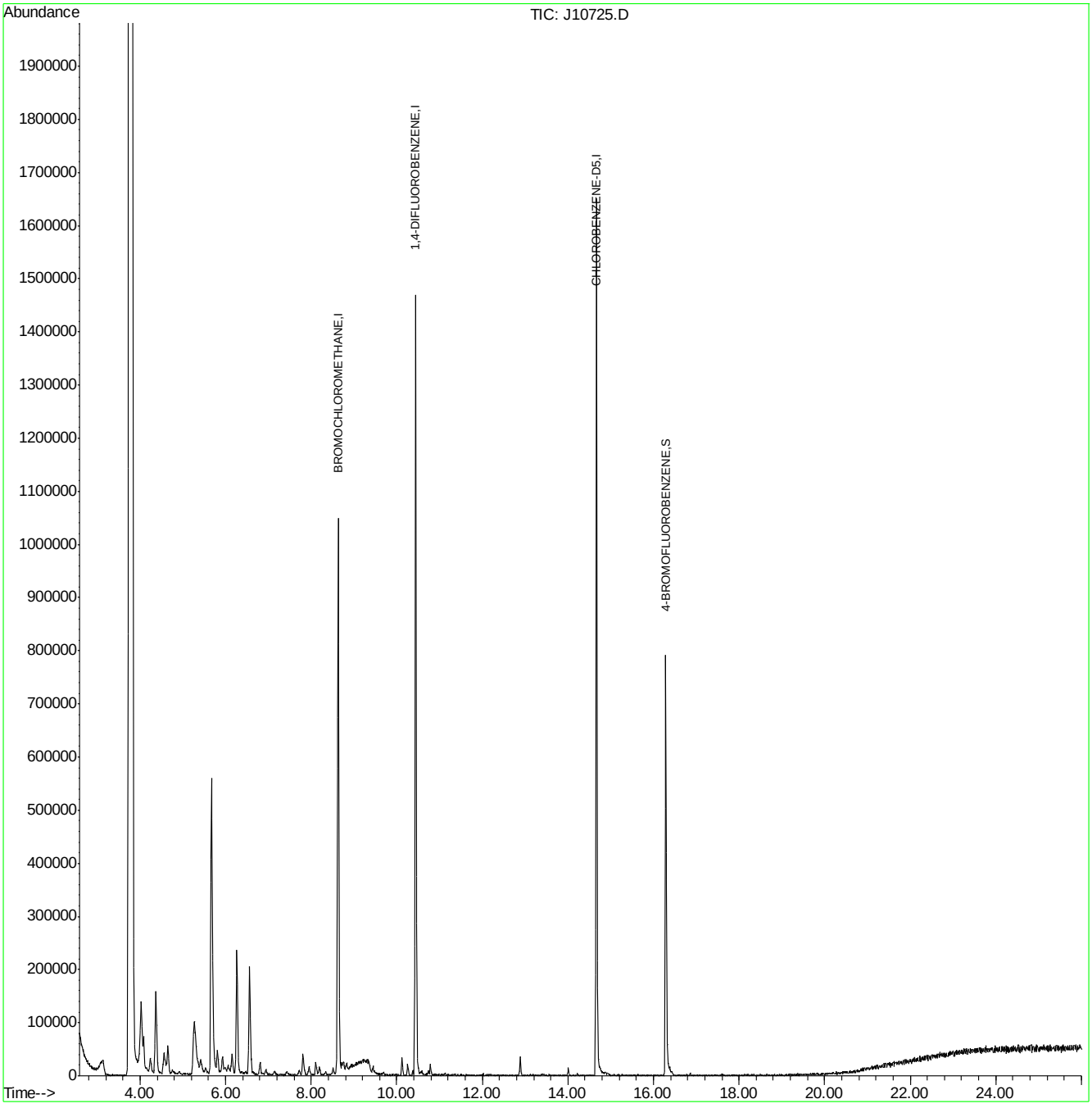
6.1.1

6

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10725.D
Acq On : 21 Jun 2007 8:51 pm
Operator : danat
Sample : m65607-1 (m026)
Misc : MS13799, MSJ555,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 22 10:19:09 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 15 09:22:40 2007
Response via : Initial Calibration

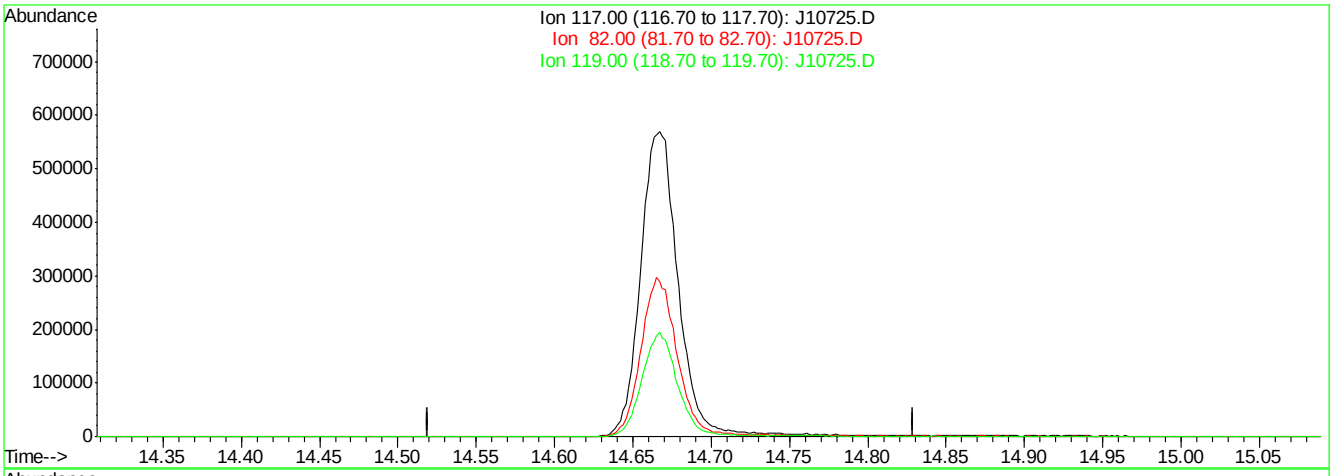


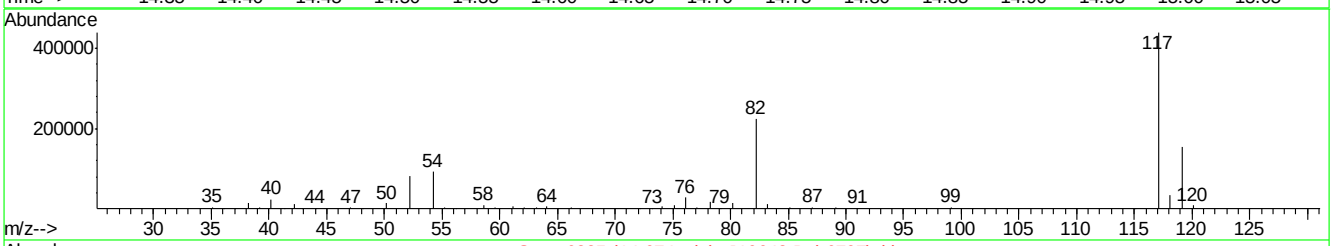
Quantitation Report (Qedit)

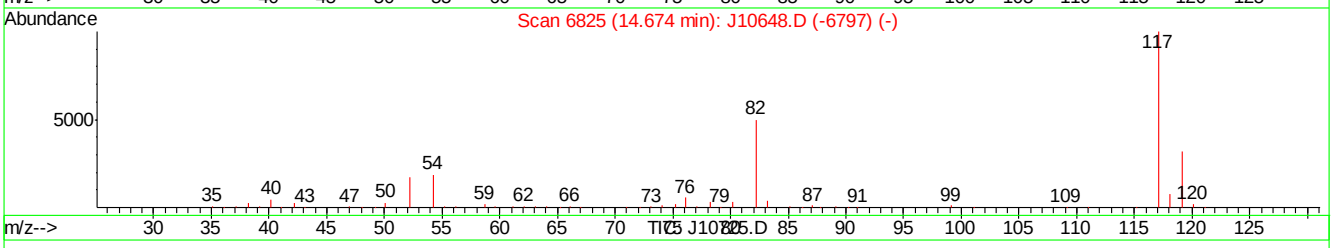
Data File : C:\MSDChem\1\data\J10725.D Vial: 8
Acq On : 21 Jun 2007 8:51 pm Operator: danat
Sample : m65607-1 (m026) Inst : MSJ
Misc : MS13799, MSJ555,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 08:07:31 2007 Results File: J061407T.RES

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 15 09:22:40 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	49.60	0.00#
119.00	32.40	0.00#
0.00	0.00	0.00

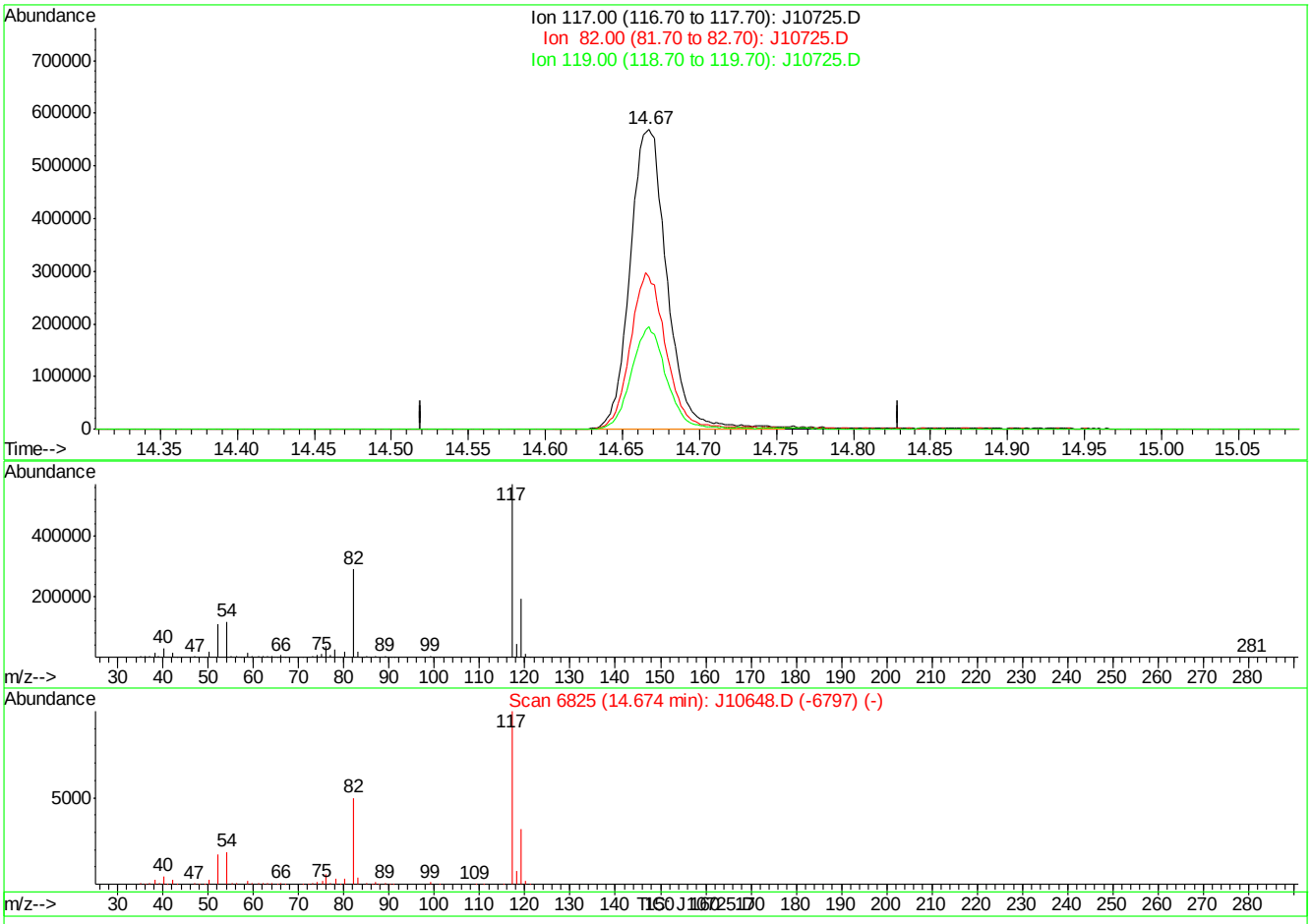
J10725.D J061407T.M Fri Jun 22 10:18:43 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10725.D Vial: 8
Acq On : 21 Jun 2007 8:51 pm Operator: danat
Sample : m65607-1 (m026) Inst : MSJ
Misc : MS13799, MSJ555,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 08:07:31 2007 Results File: J061407T.RES

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 15 09:22:40 2007
Response via : Multiple Level Calibration



(49) CHLOROBENZENE-D5 (I)

14.67min 10.00PPBV m

response 951739

Ion	Exp%	Act%
117.00	100	100
82.00	49.60	0.00#
119.00	32.40	0.00#
0.00	0.00	0.00

J10725.D J061407T.M Fri Jun 22 10:18:52 2007

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10751.D
Acq On : 23 Jun 2007 4:39 am
Operator : danat
Sample : m65607-2 (m157)
Misc : MS13799, MSJ556,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 25 09:35:40 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	375162	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1571746	10.00	PPBV	-0.02
49) CHLOROBENZENE-D5	14.67	117	1372039	10.00	PPBV	-0.01

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	387030	4.54	PPBV	-0.02

Spiked Amount 5.000 Range 51 - 142 Recovery = 90.80%

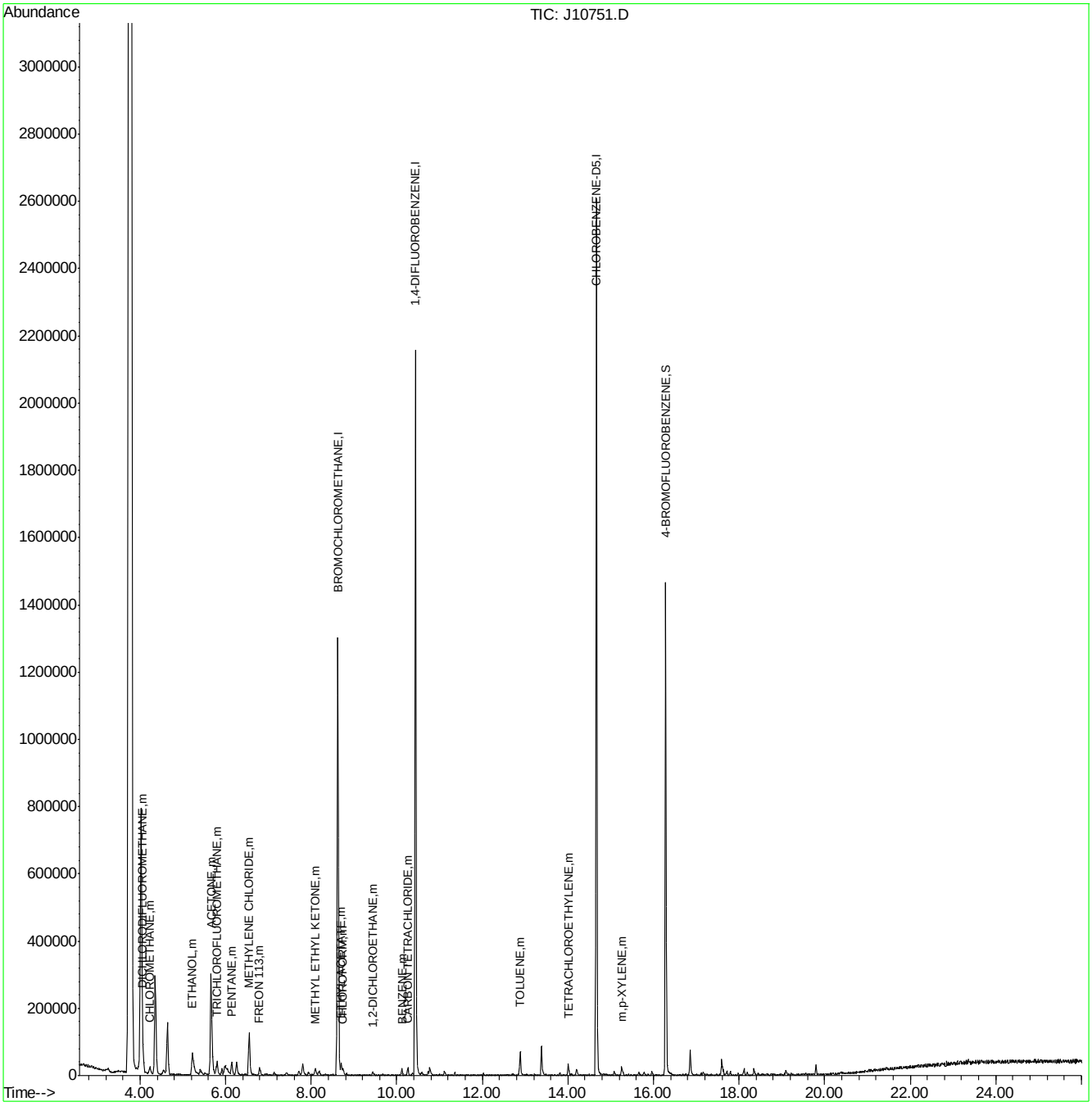
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	74832	0.62	PPBV	99
5) CHLOROMETHANE	4.23	50	25353	1.04	PPBV	95
10) TRICHLOROFLUOROMETHANE	5.80	101	40340	0.31	PPBV	96
12) ACETONE	5.66	43	402129	12.85	PPBV	97
13) PENTANE	6.14	42	16589	0.62	PPBV	95
16) ETHANOL	5.22	45	107972	14.84	PPBV #	36
18) METHYLENE CHLORIDE	6.55	84	63067	1.31	PPBV	93
20) FREON 113	6.79	151	9333	0.11	PPBV	93
28) METHYL ETHYL KETONE	8.09	43	28342	0.60	PPBV	94
30) ETHYL ACETATE	8.70	43	35183	0.70	PPBV #	90
31) CHLOROFORM	8.74	83	11152	0.13	PPBV	96
33) CARBON TETRACHLORIDE	10.26	117	12042	0.10	PPBV	99
34) 1,2-DICHLOROETHANE	9.45	62	5036	0.10	PPBV	75
36) BENZENE	10.12	78	17700	0.21	PPBV	96
46) TOLUENE	12.88	92	28080	0.51	PPBV	92
51) TETRACHLOROETHYLENE	14.01	164	8259	0.15	PPBV	94
56) m,p-XYLENE	15.26	106	8821	0.20	PPBV	90

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

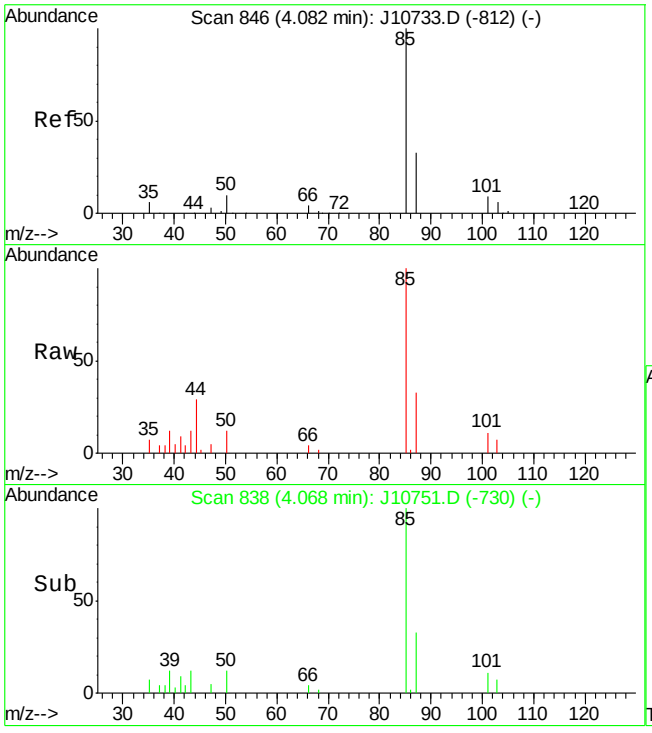
Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10751.D
Acq On : 23 Jun 2007 4:39 am
Operator : danat
Sample : m65607-2 (m157)
Misc : MS13799, MSJ556,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 25 09:35:40 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration



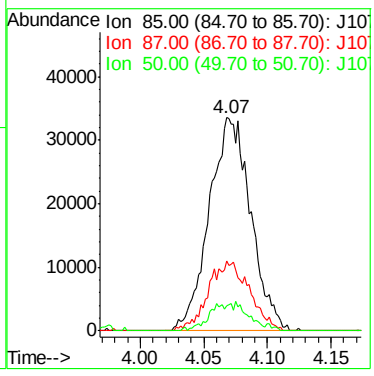
J062207T.M Mon Jun 25 09:35:51 2007 Page: 2

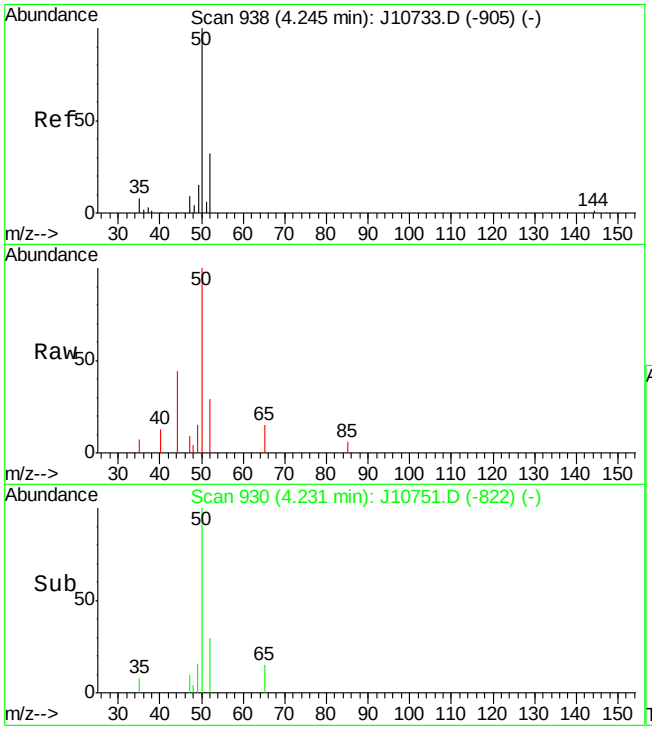


#2
DICHLORODIFLUOROMETHANE
Concen: 0.62 PPBV
RT: 4.07 min Scan# 838
Delta R.T. -0.01 min
Lab File: J10751.D
Acq: 23 Jun 2007 4:39 am

Tgt Ion: 85 Resp: 74832

Ion	Ratio	Lower	Upper
85	100		
87	32.3	12.5	52.5
50	12.4	0.0	31.1

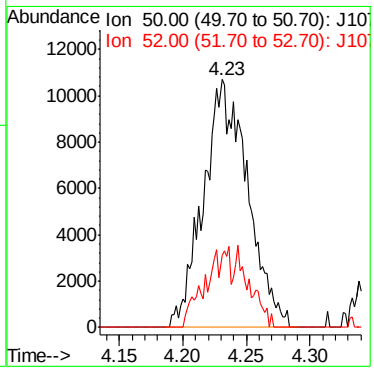


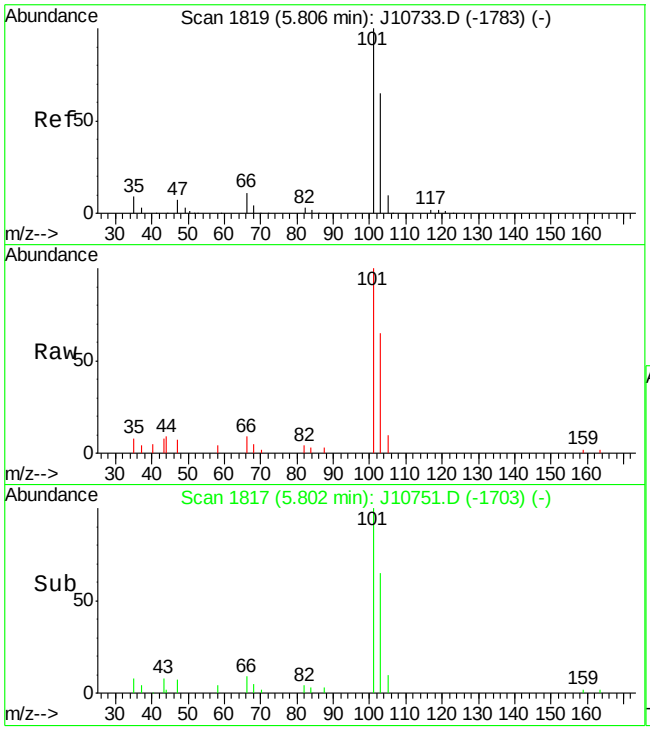


#5
CHLOROMETHANE
Concen: 1.04 PPBV
RT: 4.23 min Scan# 930
Delta R.T. -0.01 min
Lab File: J10751.D
Acq: 23 Jun 2007 4:39 am

Tgt Ion: 50 Resp: 25353

Ion	Ratio	Lower	Upper
50	100		
52	29.1	11.7	51.7

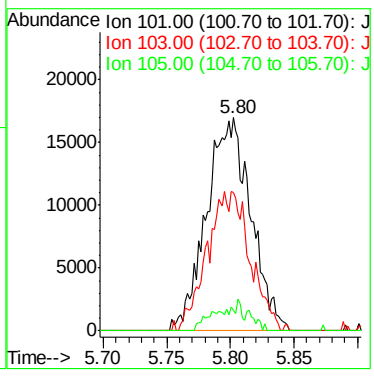


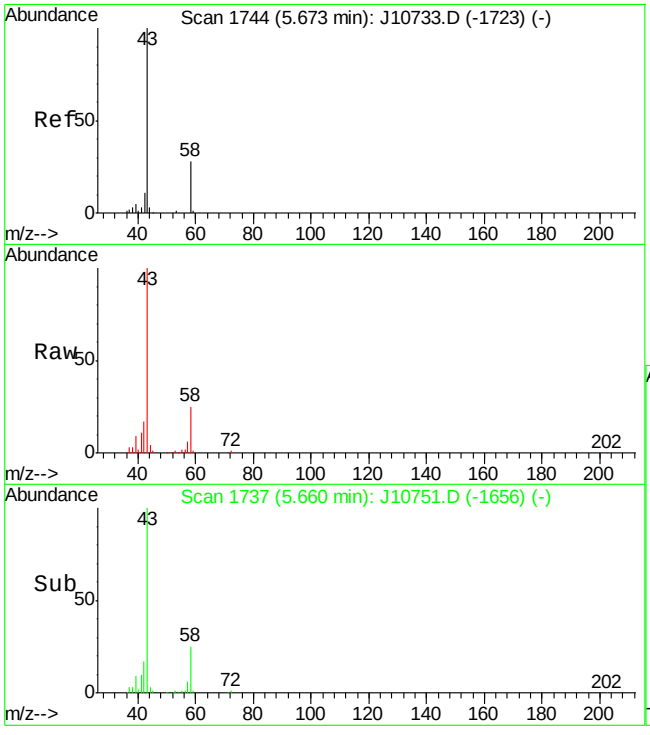


#10
TRICHLOROFLUOROMETHANE
Concen: 0.31 PPBV
RT: 5.80 min Scan# 1817
Delta R.T. -0.00 min
Lab File: J10751.D
Acq: 23 Jun 2007 4:39 am

Tgt Ion:101 Resp: 40340

Ion	Ratio	Lower	Upper
101	100		
103	63.9	45.8	85.8
105	5.1	0.0	30.5

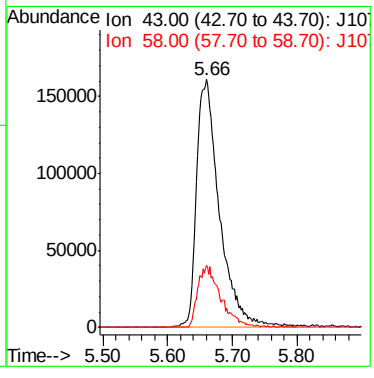


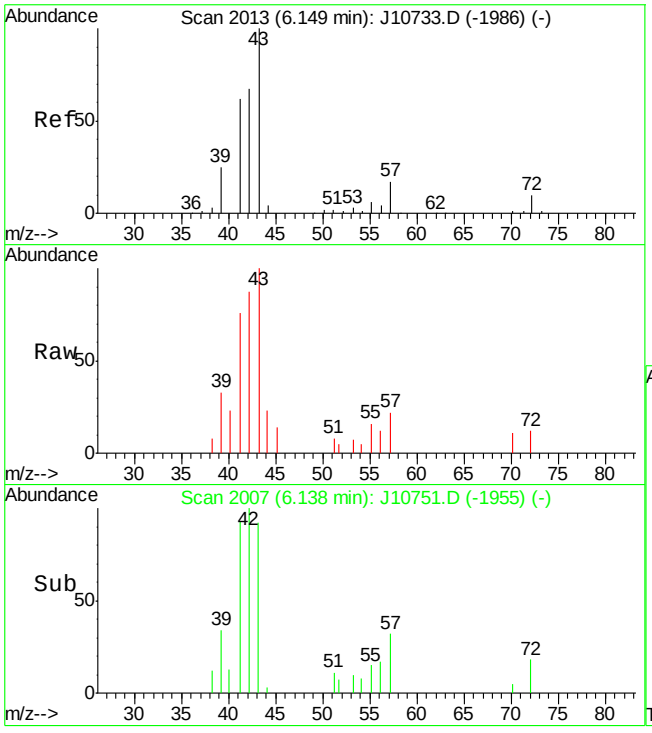


#12
ACETONE
Concen: 12.85 PPBV
RT: 5.66 min Scan# 1737
Delta R.T. -0.01 min
Lab File: J10751.D
Acq: 23 Jun 2007 4:39 am

Tgt Ion: 43 Resp: 402129

Ion	Ratio	Lower	Upper
43	100		
58	24.8	6.6	46.6

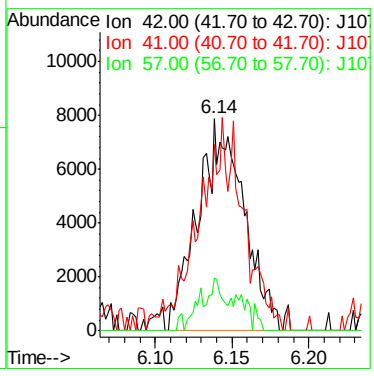


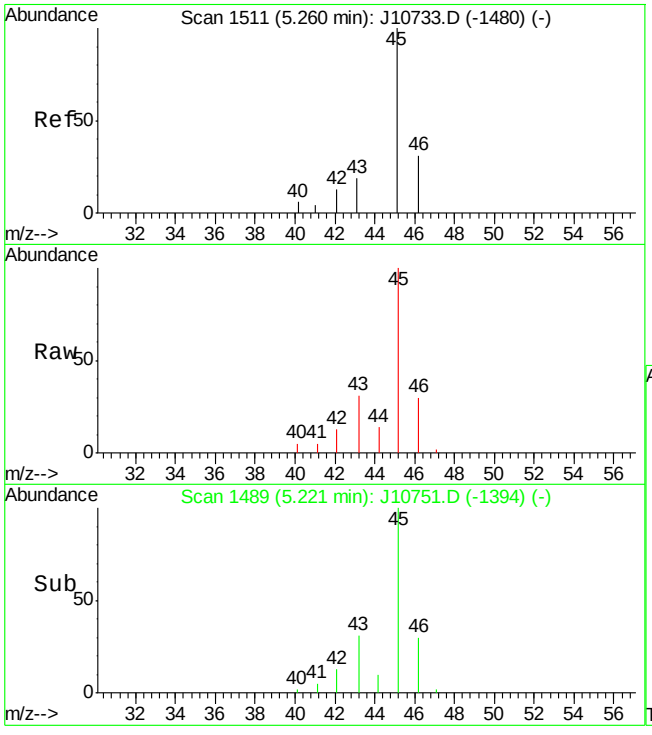


#13
PENTANE
Concen: 0.62 PPBV
RT: 6.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: J10751.D
Acq: 23 Jun 2007 4:39 am

Tgt Ion: 42 Resp: 16589

Ion	Ratio	Lower	Upper
42	100		
41	95.3	78.5	118.5
57	19.1	5.9	45.9

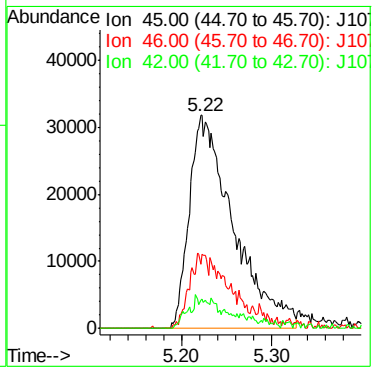


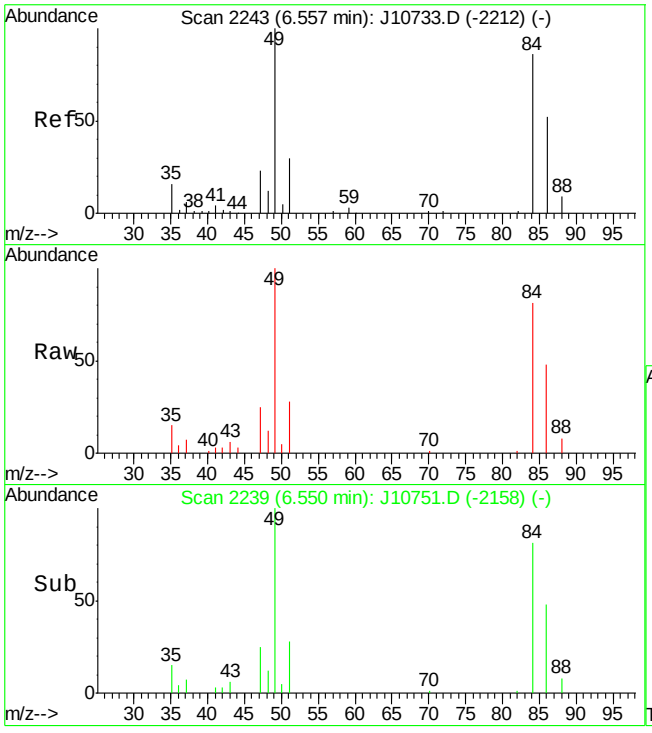


#16
ETHANOL
Concen: 14.84 PPBV
RT: 5.22 min Scan# 1489
Delta R.T. -0.04 min
Lab File: J10751.D
Acq: 23 Jun 2007 4:39 am

Tgt Ion: 45 Resp: 107972

Ion	Ratio	Lower	Upper
45	100		
46	33.3	0.0	26.5#
42	13.1	0.0	22.8

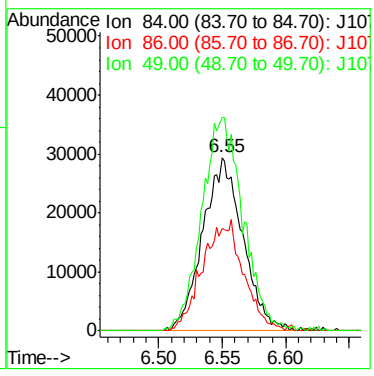


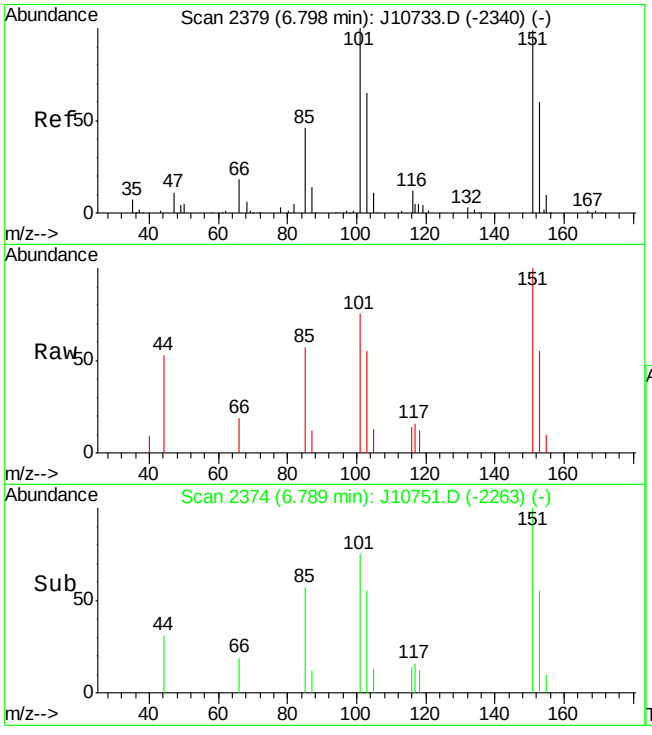


#18
METHYLENE CHLORIDE
Concen: 1.31 PPBV
RT: 6.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: J10751.D
Acq: 23 Jun 2007 4:39 am

Tgt Ion: 84 Resp: 63067

Ion	Ratio	Lower	Upper
84	100		
86	65.4	45.0	85.0
49	127.0	0.0	315.4

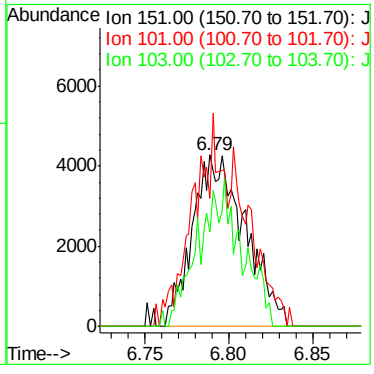


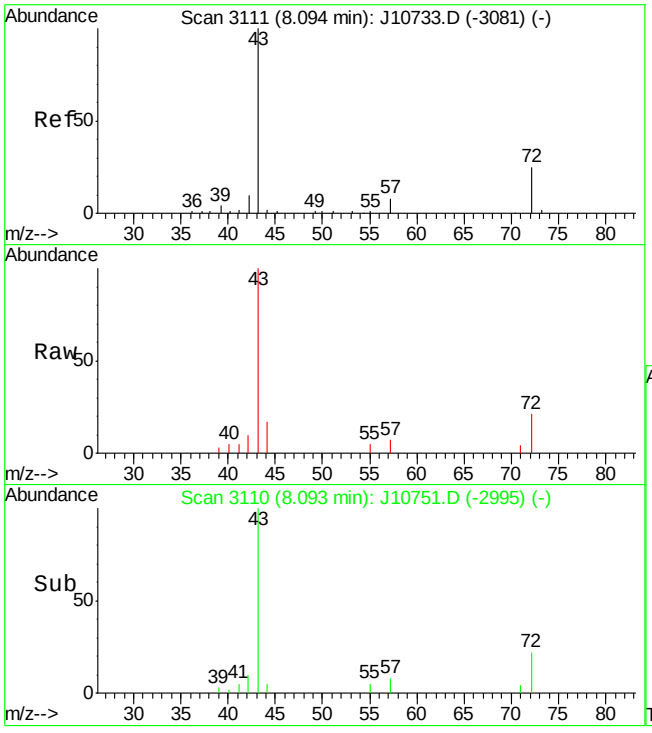


#20
FREON 113
Concen: 0.11 PPBV
RT: 6.79 min Scan# 2374
Delta R.T. -0.01 min
Lab File: J10751.D
Acq: 23 Jun 2007 4:39 am

Tgt Ion:151 Resp: 9333

Ion	Ratio	Lower	Upper
151	100		
101	113.8	84.4	124.4
103	70.9	48.4	88.4

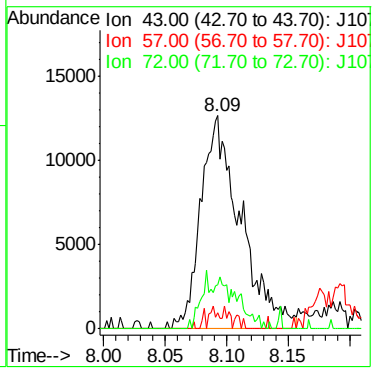


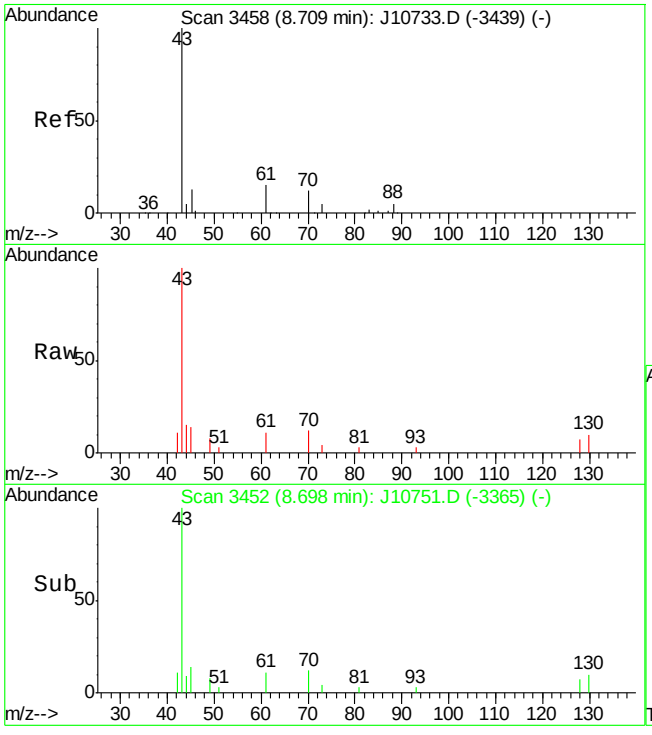


#28
METHYL ETHYL KETONE
Concen: 0.60 PPBV
RT: 8.09 min Scan# 3110
Delta R.T. -0.00 min
Lab File: J10751.D
Acq: 23 Jun 2007 4:39 am

Tgt Ion: 43 Resp: 28342

Ion	Ratio	Lower	Upper
43	100		
57	7.4	0.0	27.5
72	20.7	4.8	44.8

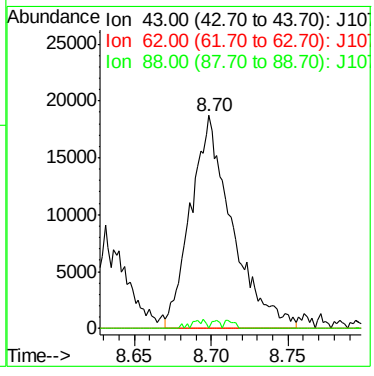


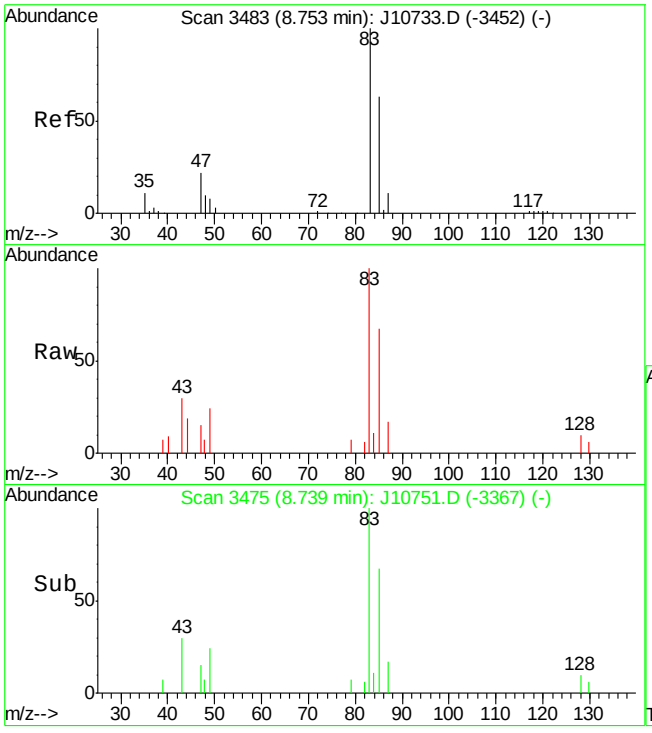


#30
ETHYL ACETATE
Concen: 0.70 PPBV
RT: 8.70 min Scan# 3452
Delta R.T. -0.01 min
Lab File: J10751.D
Acq: 23 Jun 2007 4:39 am

Tgt Ion: 43 Resp: 35183

Ion	Ratio	Lower	Upper
43	100		
62	0.0	0.0	20.2
88	1.4	0.0	24.7

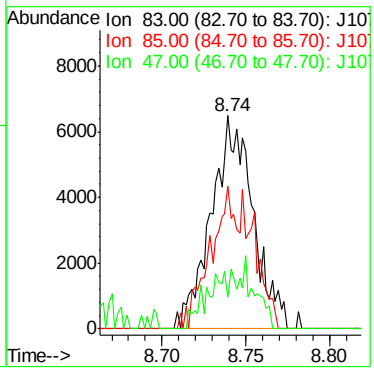


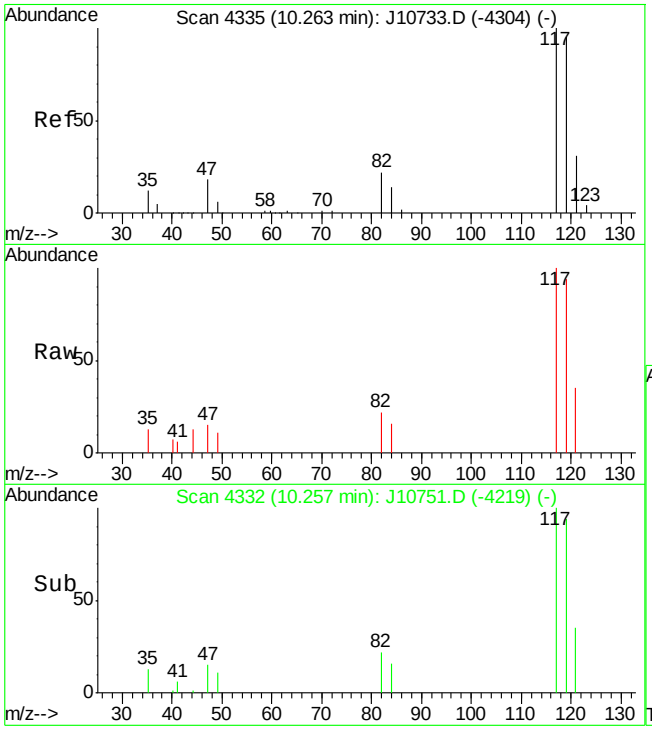


#31
CHLOROFORM
Concen: 0.13 PPBV
RT: 8.74 min Scan# 3475
Delta R.T. -0.01 min
Lab File: J10751.D
Acq: 23 Jun 2007 4:39 am

Tgt Ion: 83 Resp: 11152

Ion	Ratio	Lower	Upper
83	100		
85	65.9	45.3	85.3
47	30.0	3.2	43.2

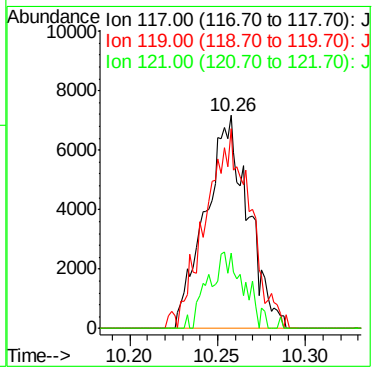


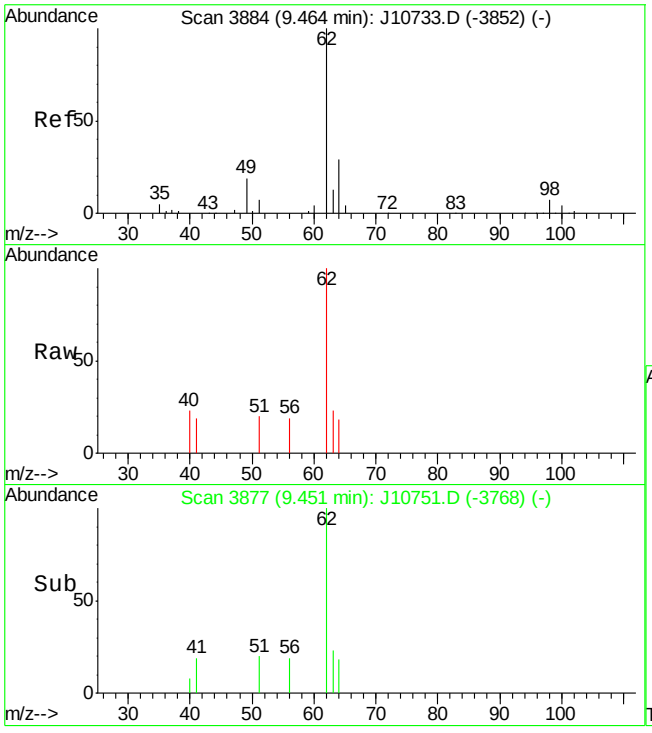


#33
CARBON TETRACHLORIDE
Concen: 0.10 PPBV
RT: 10.26 min Scan# 4332
Delta R.T. -0.01 min
Lab File: J10751.D
Acq: 23 Jun 2007 4:39 am

Tgt Ion:117 Resp: 12042

Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.2	117.2
121	29.9	11.1	51.1

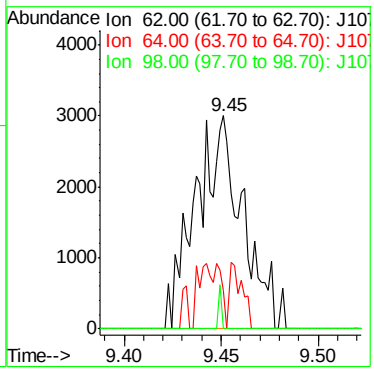


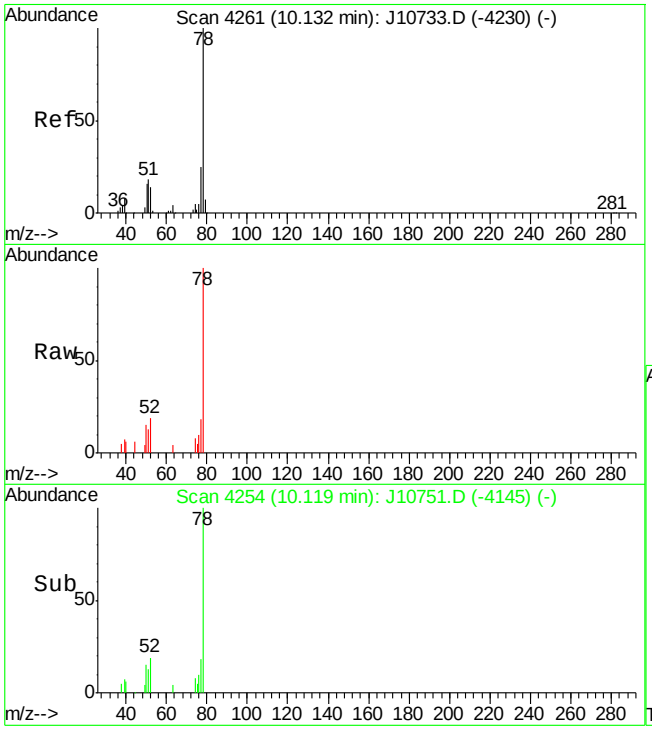


#34
1,2-DICHLOROETHANE
Concen: 0.10 PPBV
RT: 9.45 min Scan# 3877
Delta R.T. -0.01 min
Lab File: J10751.D
Acq: 23 Jun 2007 4:39 am

Tgt Ion: 62 Resp: 5036

Ion	Ratio	Lower	Upper
62	100		
64	17.2	12.5	52.5
98	1.3	0.0	26.9

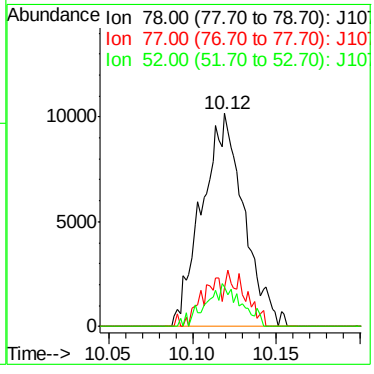


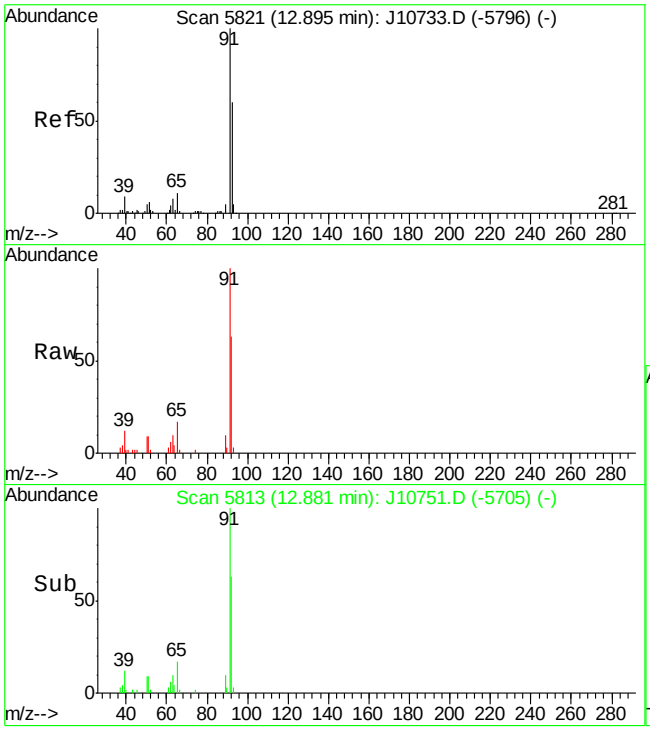


#36
BENZENE
Concen: 0.21 PPBV
RT: 10.12 min Scan# 4254
Delta R.T. -0.01 min
Lab File: J10751.D
Acq: 23 Jun 2007 4:39 am

Tgt Ion: 78 Resp: 17700

Ion	Ratio	Lower	Upper
78	100		
77	22.9	4.4	44.4
52	16.7	0.0	34.7

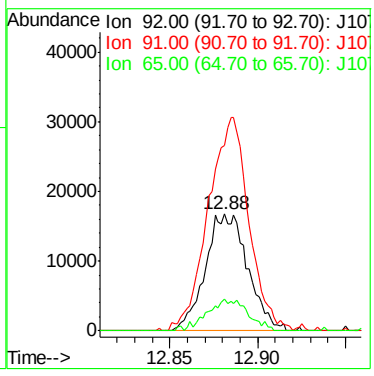


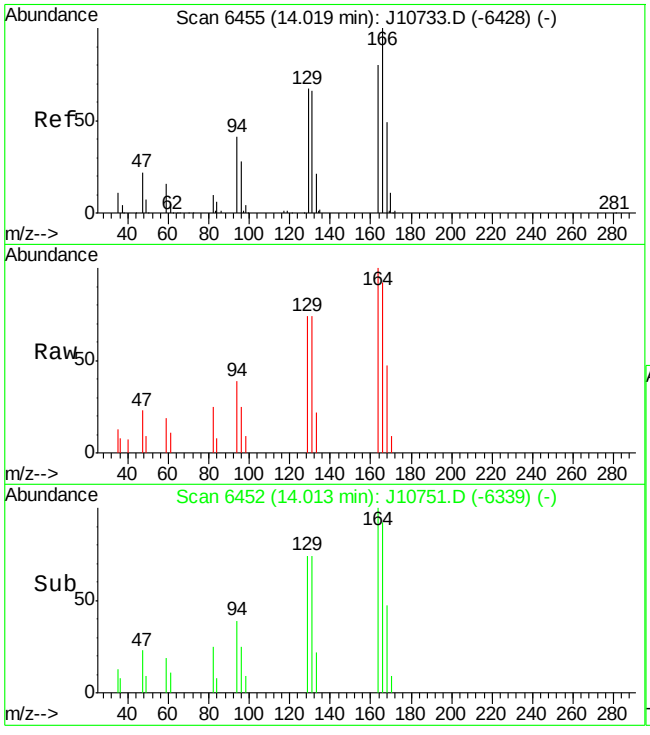


#46
TOLUENE
Concen: 0.51 PPBV
RT: 12.88 min Scan# 5813
Delta R.T. -0.01 min
Lab File: J10751.D
Acq: 23 Jun 2007 4:39 am

Tgt Ion: 92 Resp: 28080

Ion	Ratio	Lower	Upper
92	100		
91	175.7	146.2	186.2
65	26.1	0.0	38.9

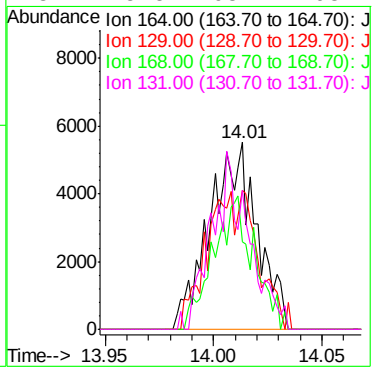


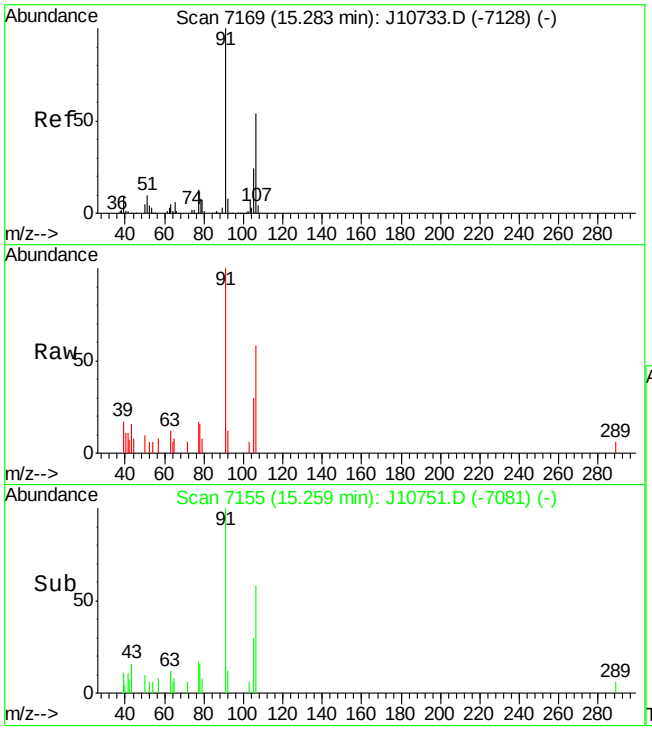


#51
TETRACHLOROETHYLENE
Concen: 0.15 PPBV
RT: 14.01 min Scan# 6452
Delta R.T. -0.01 min
Lab File: J10751.D
Acq: 23 Jun 2007 4:39 am

Tgt Ion:164 Resp: 8259

Ion	Ratio	Lower	Upper
164	100		
129	79.8	67.5	107.5
168	61.7	42.1	82.1
131	75.5	63.4	103.4

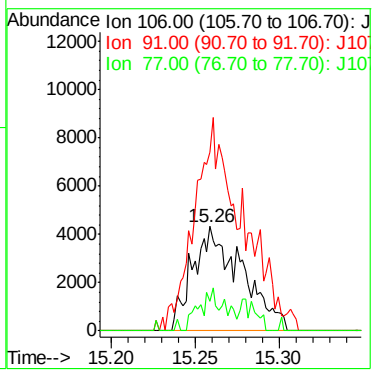




#56
m,p-XYLENE
Concen: 0.20 PPBV
RT: 15.26 min Scan# 7155
Delta R.T. -0.02 min
Lab File: J10751.D
Acq: 23 Jun 2007 4:39 am

Tgt Ion:106 Resp: 8821

Ion	Ratio	Lower	Upper
106	100		
91	171.0	149.3	223.9
77	28.3	19.8	29.8



Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10718.D
Acq On : 21 Jun 2007 2:16 pm
Operator : danat
Sample : mb (m171)
Misc : MS13762, MSJ555,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 10:03:41 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 15 09:22:40 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	348826	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1504208	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1321639	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	394786	5.00	PPBV	-0.01

Spiked Amount 5.000 Range 51 - 142 Recovery = 100.00%

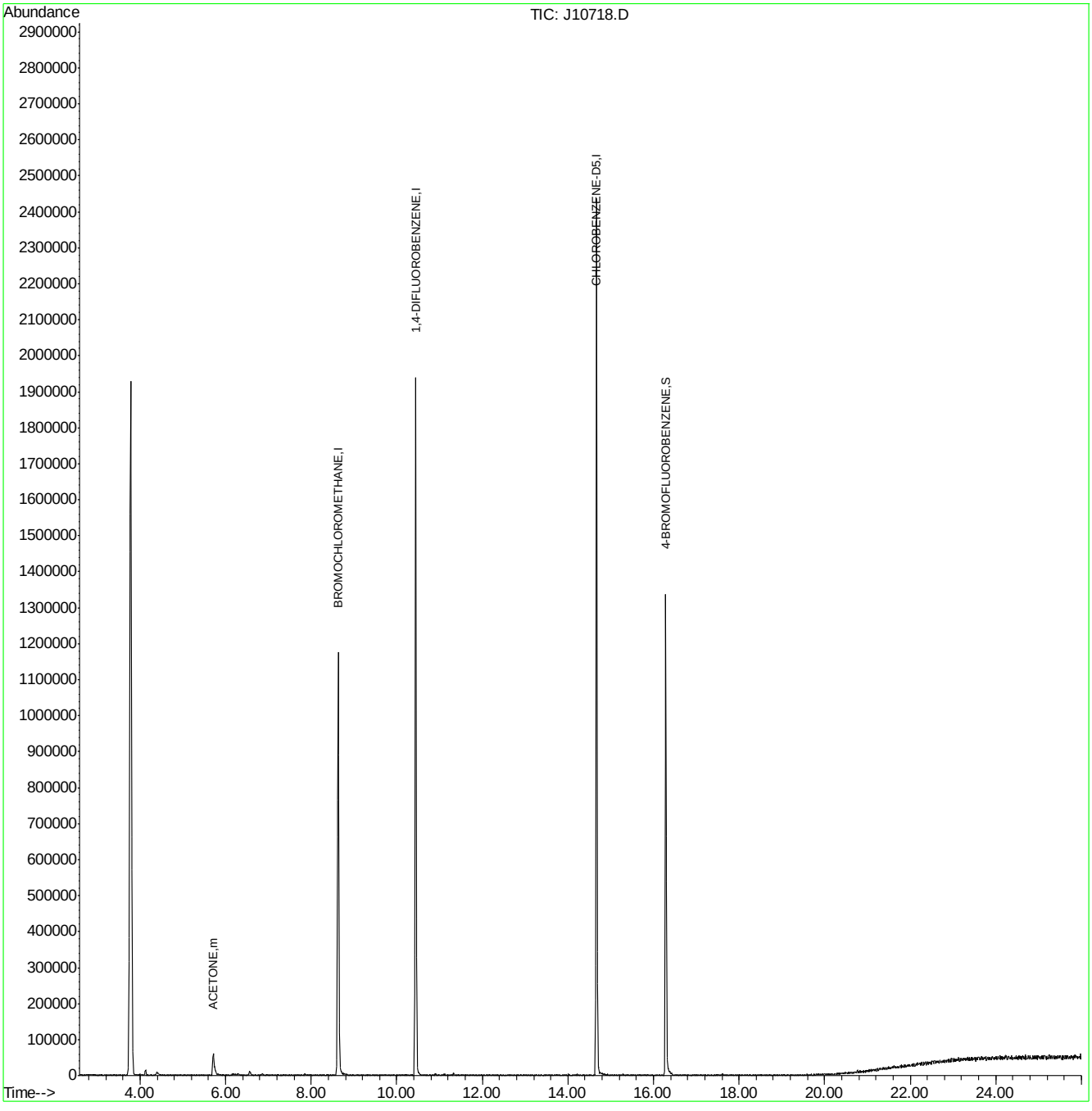
Target Compounds						Qvalue
12) ACETONE	5.71	43	117721	2.68	PPBV	95

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10718.D
Acq On : 21 Jun 2007 2:16 pm
Operator : danat
Sample : mb (m171)
Misc : MS13762, MSJ555,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 10:03:41 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 15 09:22:40 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10740.D
Acq On : 22 Jun 2007 7:46 pm
Operator : danat
Sample : mb (m098)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 25 09:31:25 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	309814	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1237988	10.00	PPBV	-0.01
49) CHLOROBENZENE-D5	14.67	117	1037522	10.00	PPBV	-0.01

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.28	95	283425	4.40	PPBV	-0.02

Spiked Amount 5.000 Range 51 - 142 Recovery = 88.00%

Target Compounds	Qvalue

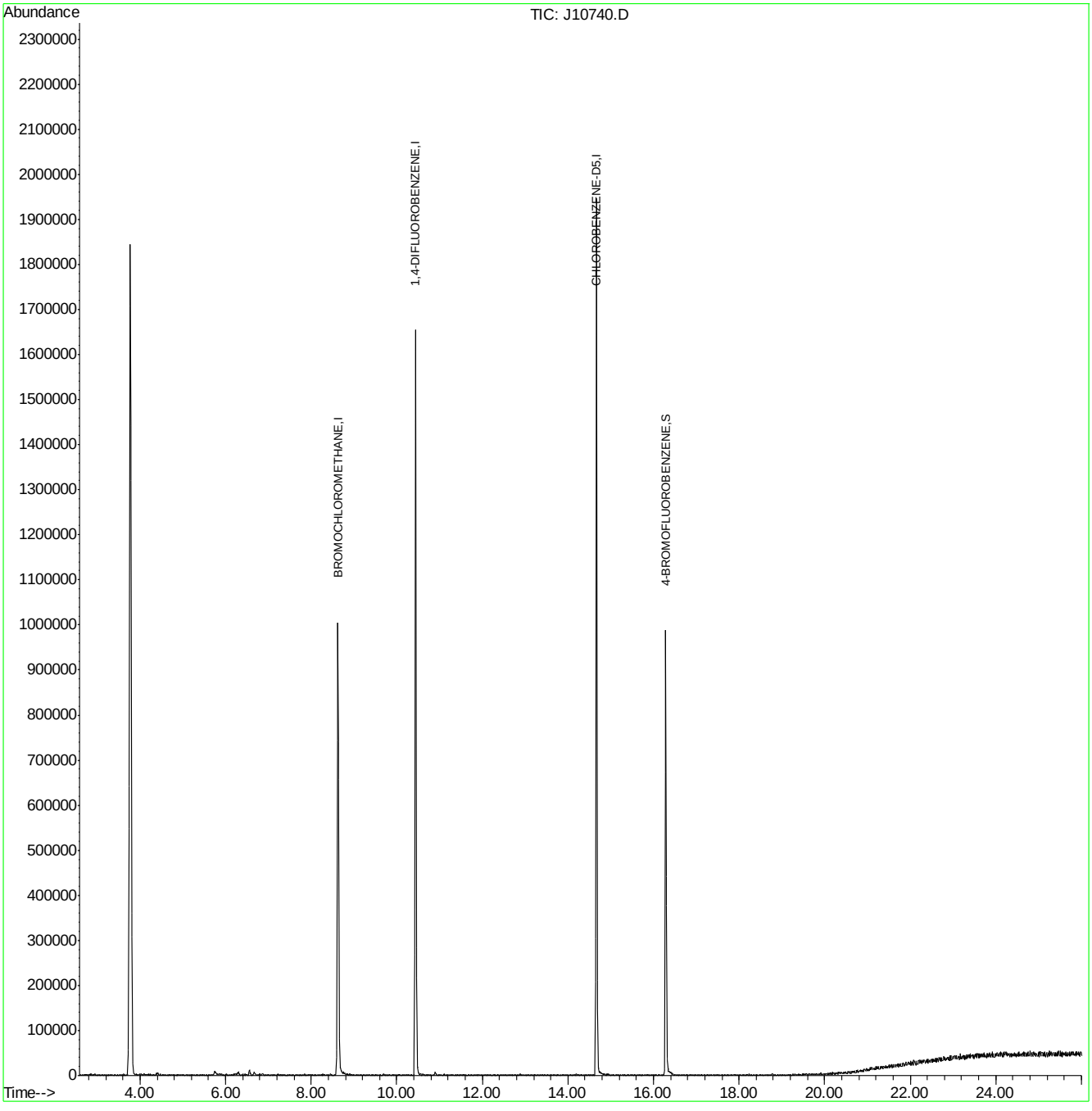
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ACCUTEST Laboratories M65607

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10740.D
Acq On : 22 Jun 2007 7:46 pm
Operator : danat
Sample : mb (m098)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 25 09:31:25 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

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

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

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

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.334	95	156471	4.32	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 86.40%

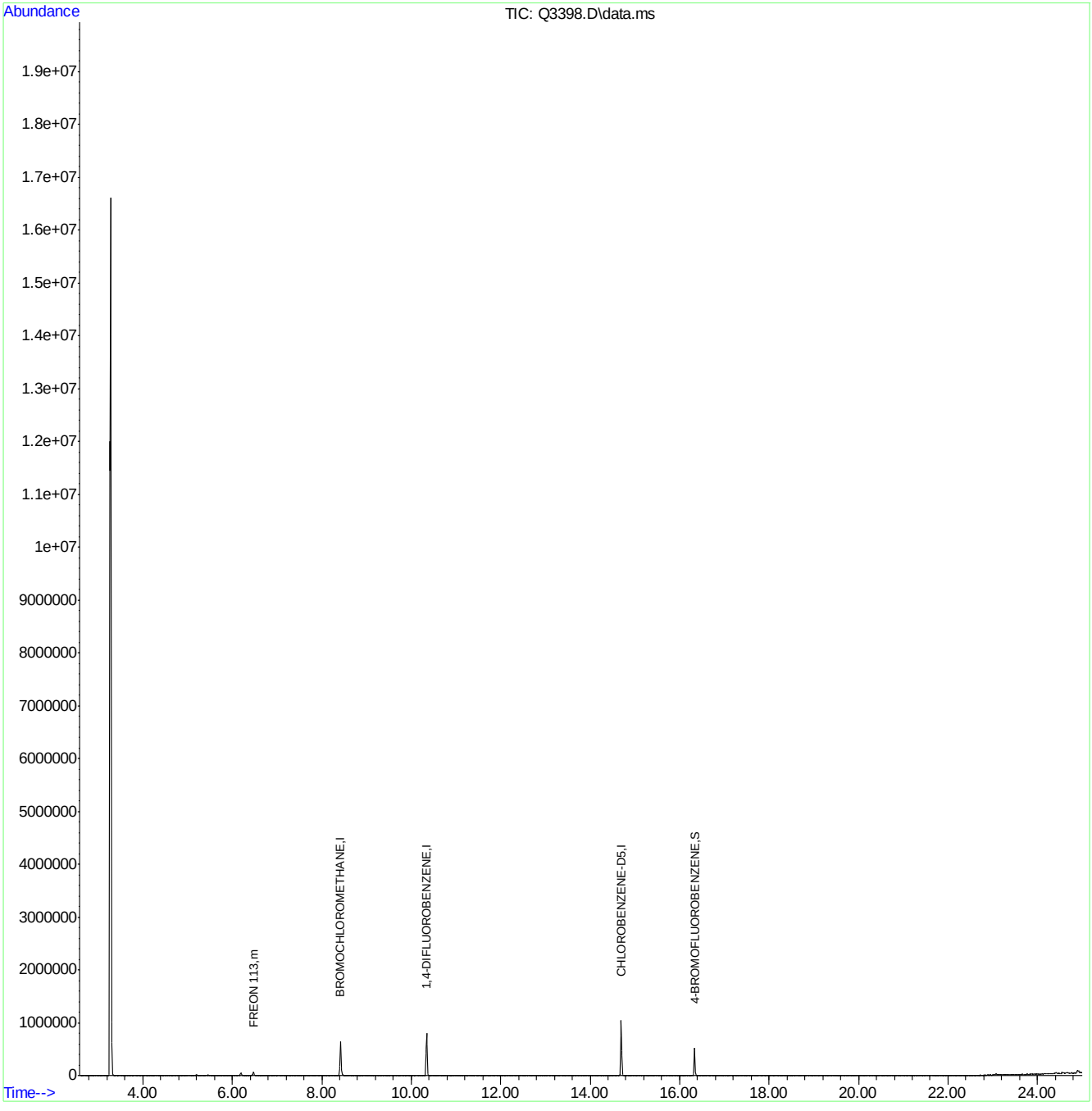
Target Compounds						Qvalue
20) FREON 113	6.472	151	19648	0.45	PPBV #	100

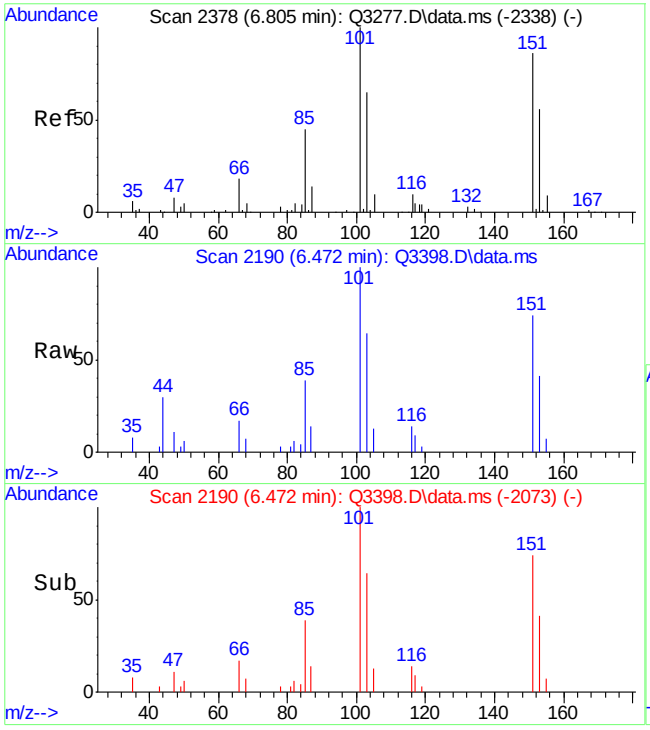
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

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

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

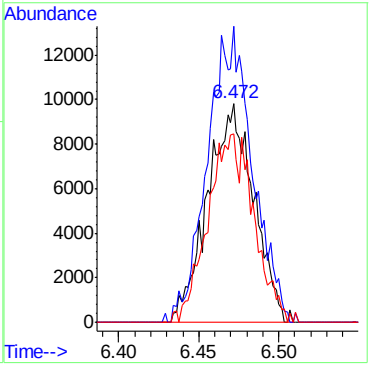




#20
FREON 113
Concen: 0.45 PPBV
RT: 6.472 min Scan# 2190
Delta R.T. 0.002 min
Lab File: Q3398.D
Acq: 16 May 2007 2:30 pm

Tgt Ion:151 Resp: 19648

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



6.2.3

6

Quantitation Report (QT Reviewed)

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

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

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

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.334	95	73899	4.23	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 84.60%

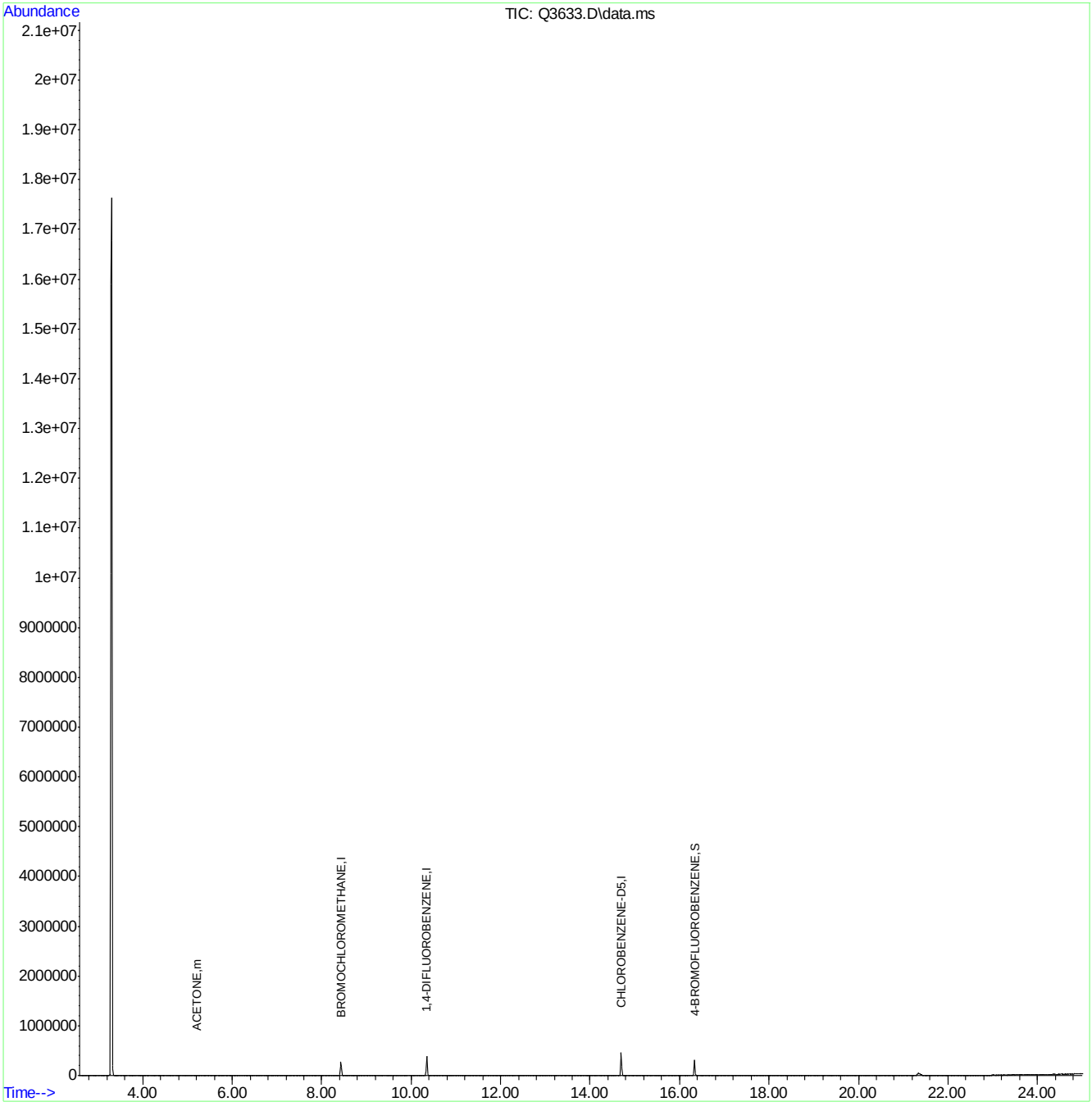
Target Compounds						Qvalue
12) ACETONE	5.221	43	6446	0.26	PPBV	94

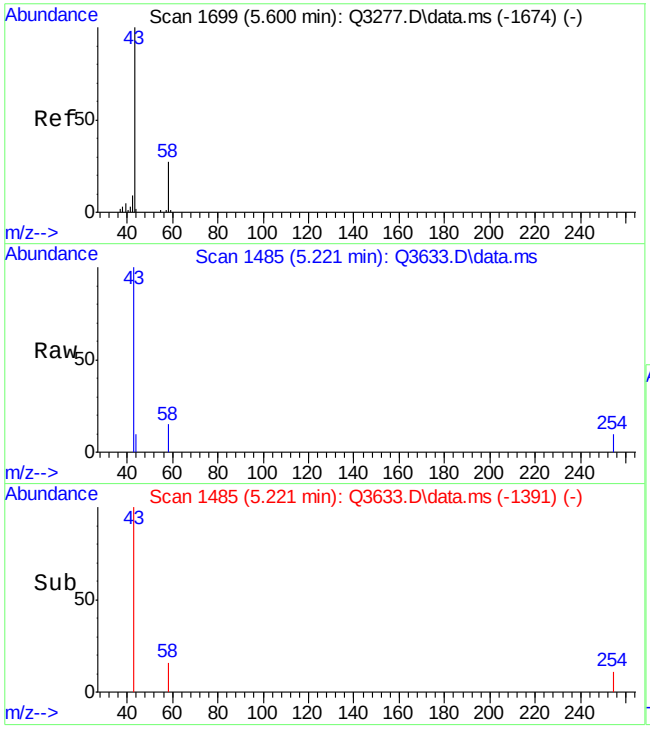
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

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

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

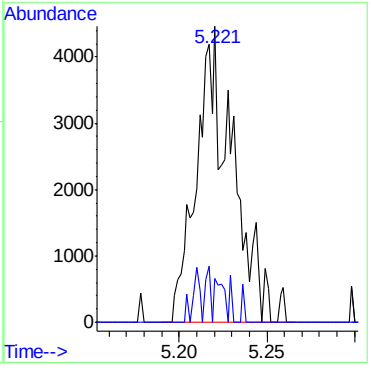




#12
ACETONE
Concen: 0.26 PPBV
RT: 5.221 min Scan# 1485
Delta R.T. 0.012 min
Lab File: Q3633.D
Acq: 6 Jun 2007 4:10 pm

Tgt Ion: 43 Resp: 6446

Ion	Ratio	Lower	Upper
43	100		
58	6.0	0.0	20.3



6.2.4

6

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10716A.D
Acq On : 21 Jun 2007 12:37 pm
Operator : danat
Sample : bs (m045)
Misc : MS13762, MSJ555,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 21 13:06:30 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 15 09:22:40 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	310271	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.45	114	1254436	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.68	117	1130075	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.30	95	400144	5.92	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 118.40%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	1303075	9.98	PPBV	99
3) PROPYLENE	4.00	41	210209	10.78	PPBV	97
4) FREON 114	4.33	85	1154986	9.80	PPBV	98
5) CHLOROMETHANE	4.24	50	284249	9.85	PPBV	97
6) VINYL CHLORIDE	4.46	62	340484	10.38	PPBV	99
7) 1,3-BUTADIENE	4.59	39	252642	11.68	PPBV	96
8) BROMOMETHANE	4.87	94	386187	9.60	PPBV	99
9) CHLOROETHANE	5.04	64	163043	10.35	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.80	101	1374111	10.32	PPBV	100
11) ISOPROPYL ALCOHOL	5.98	45	187161	4.75	PPBV	96
12) ACETONE	5.67	43	367769	9.40	PPBV	97
13) PENTANE	6.14	42	303637	10.87	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.43	96	362854	9.55	PPBV	90
15) CARBON DISULFIDE	6.85	76	1041016	9.26	PPBV	97
16) ETHANOL	5.24	45	26338	3.61	PPBV	93
17) BROMOETHENE	5.39	106	385938	10.25	PPBV	98
18) METHYLENE CHLORIDE	6.55	84	330446	9.42	PPBV	95
19) 3-CHLOROPROPENE	6.66	39	318481	12.60	PPBV	91
20) FREON 113	6.80	151	803969	9.07	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	363594	9.92	PPBV	94
22) TERTIARY BUTYL ALCOHOL	6.58	59	265333	5.50	PPBV #	79
23) METHYL TERTIARY BUTYL ETHE	7.74	73	717776	11.18	PPBV	98
24) TETRAHYDROFURAN	9.19	42	201932	10.13	PPBV	96
25) HEXANE	8.64	57	391396	9.56	PPBV	95
26) VINYL ACETATE	7.81	43	449969	10.88	PPBV	97
27) 1,1-DICHLOROETHANE	7.66	63	629360	10.50	PPBV	100
28) METHYL ETHYL KETONE	8.09	43	374038	9.45	PPBV	93
29) cis-1,2-DICHLOROETHYLENE	8.47	96	361046	10.32	PPBV	95
30) ETHYL ACETATE	8.70	43	423291	9.88	PPBV	100
31) CHLOROFORM	8.75	83	854570	10.46	PPBV	98
32) 1,1,1-TRICHLOROETHANE	9.69	97	1027767	10.65	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	1225010	10.41	PPBV	100
34) 1,2-DICHLOROETHANE	9.46	62	502152	11.11	PPBV	99
36) BENZENE	10.13	78	887491	10.52	PPBV	99
37) CYCLOHEXANE	10.37	84	425413	11.24	PPBV	98
38) TRICHLOROETHYLENE	11.12	95	450077	10.32	PPBV	97
39) 1,2-DICHLOROPROPANE	10.91	63	292458	10.77	PPBV	98
40) BROMODICHLOROMETHANE	11.10	83	751102	9.90	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.13	57	1494864	12.15	PPBV	99
42) 1,4-DIOXANE	11.21	88	61302	3.52	PPBV	96
43) HEPTANE	11.36	43	450600	11.99	PPBV	95

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10716A.D
Acq On : 21 Jun 2007 12:37 pm
Operator : danat
Sample : bs (m045)
Misc : MS13762, MSJ555,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 21 13:06:30 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 15 09:22:40 2007
Response via : Initial Calibration

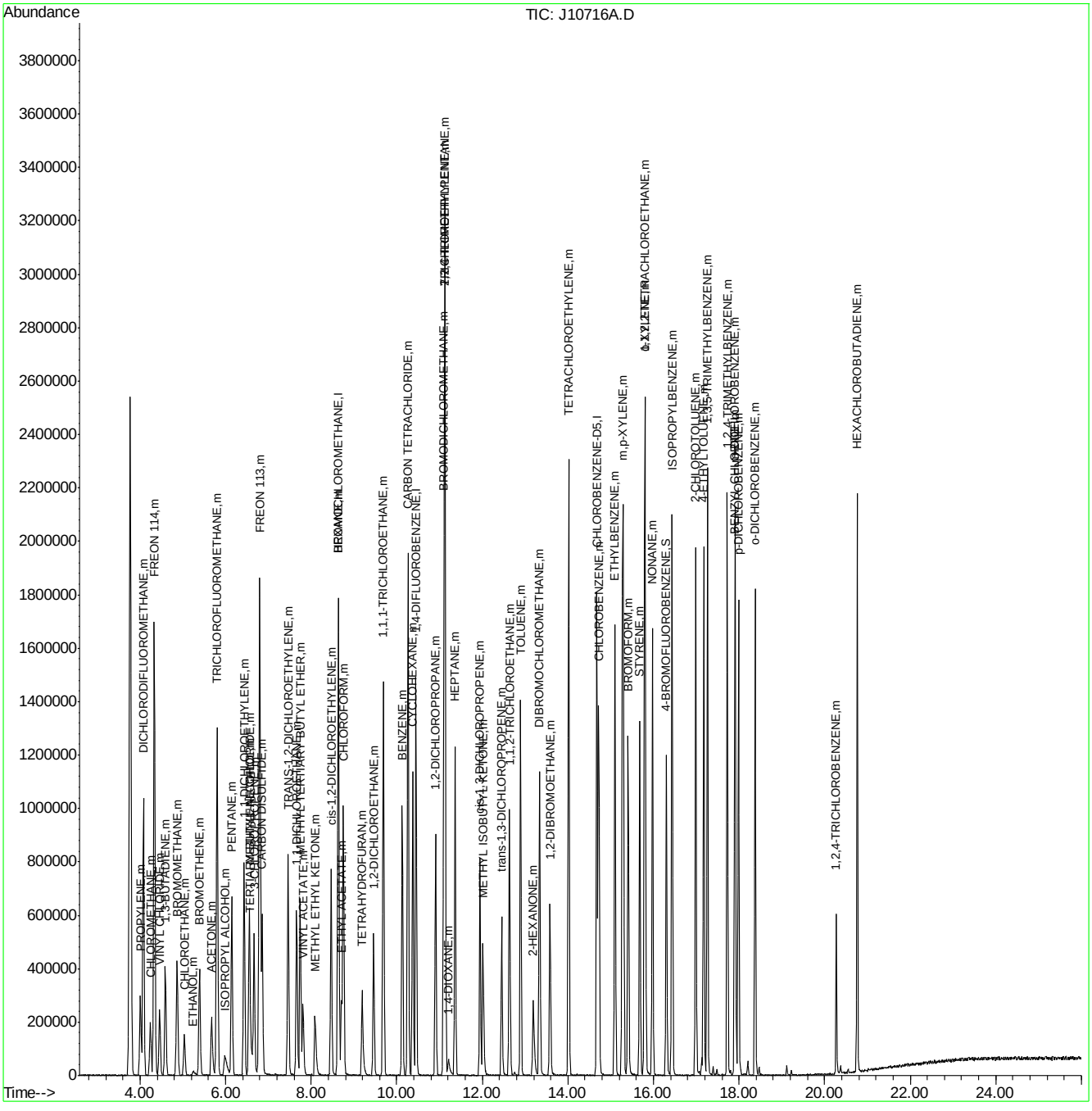
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	410652	9.25	PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.94	75	419947	11.24	PPBV	95
46) TOLUENE	12.89	92	602511	11.72	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	343707	9.95	PPBV	96
48) 1,1,2-TRICHLOROETHANE	12.63	83	287247	9.93	PPBV	98
50) 2-HEXANONE	13.19	43	288548	7.47	PPBV	97
51) TETRACHLOROETHYLENE	14.02	164	534401	9.72	PPBV	98
52) DIBROMOCHLOROMETHANE	13.33	129	744340	9.49	PPBV	100
53) 1,2-DIBROMOETHANE	13.58	107	522378	9.66	PPBV	100
54) CHLOROBENZENE	14.72	112	830241	9.39	PPBV	98
55) ETHYLBENZENE	15.10	91	1291537	11.34	PPBV	99
56) m,p-XYLENE	15.29	106	1059966	22.62	PPBV	97
57) o-XYLENE	15.79	106	537629	11.46	PPBV	97
58) STYRENE	15.68	104	714580	11.33	PPBV	99
59) NONANE	15.98	43	583835	10.78	PPBV	98
60) BROMOFORM	15.41	173	729332	9.56	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.80	83	666291	9.49	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	1561886	11.61	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	1086501	11.75	PPBV	98
65) 4-ETHYLTOLUENE	17.18	105	1273427	11.00	PPBV	97
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1253028	10.81	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	1146521	11.56	PPBV	99
68) m-DICHLOROBENZENE	17.91	146	806124	9.33	PPBV	98
69) BENZYL CHLORIDE	17.89	91	519026	9.52	PPBV	98
70) p-DICHLOROBENZENE	17.99	146	731546	9.09	PPBV	99
71) o-DICHLOROBENZENE	18.37	146	713910	9.41	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	373415	8.13	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	166211	6.57	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10716A.D
Acq On : 21 Jun 2007 12:37 pm
Operator : danat
Sample : bs (m045)
Misc : MS13762, MSJ555,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 21 13:06:30 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 15 09:22:40 2007
Response via : Initial Calibration



ACCUTEST Laboratories M65607

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10737b.D
Acq On : 22 Jun 2007 5:13 pm
Operator : danat
Sample : bs (m045)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 22 17:40:10 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.64	128	320244	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.45	114	1347074	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.68	117	1210672	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.30	95	406390	5.41	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 108.20%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.09	85	1251942	12.25	PPBV	99
3) PROPYLENE	4.02	41	194637	12.93	PPBV	93
4) FREON 114	4.34	85	1093229	12.36	PPBV	96
5) CHLOROMETHANE	4.25	50	262287	12.59	PPBV	99
6) VINYL CHLORIDE	4.47	62	312911	12.83	PPBV	98
7) 1,3-BUTADIENE	4.60	39	236530	12.81	PPBV	94
8) BROMOMETHANE	4.87	94	361701	11.90	PPBV	99
9) CHLOROETHANE	5.04	64	148362	12.61	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.81	101	1330289	12.05	PPBV	100
11) ISOPROPYL ALCOHOL	6.01	45	333715	12.13	PPBV	95
12) ACETONE	5.69	43	335470	12.60	PPBV	96
13) PENTANE	6.16	42	274849	12.08	PPBV	97
14) 1,1-DICHLOROETHYLENE	6.44	96	343576	11.20	PPBV	91
15) CARBON DISULFIDE	6.86	76	966004	11.11	PPBV	97
16) ETHANOL	5.28	45	50201	8.08	PPBV	87
17) BROMOETHENE	5.40	106	364685	11.95	PPBV	98
18) METHYLENE CHLORIDE	6.56	84	299567	11.87	PPBV	94
19) 3-CHLOROPROPENE	6.68	39	293420	11.70	PPBV	93
20) FREON 113	6.80	151	761595	10.61	PPBV	94
21) TRANS-1,2-DICHLOROETHYLENE	7.47	96	333890	10.98	PPBV	94
22) TERTIARY BUTYL ALCOHOL	6.61	59	435912	10.66	PPBV	97
23) METHYL TERTIARY BUTYL ETHE	7.75	73	663201	10.10	PPBV	97
24) TETRAHYDROFURAN	9.20	42	194258	9.52	PPBV	96
25) HEXANE	8.64	57	351657	9.41	PPBV	97
26) VINYL ACETATE	7.82	43	384790	10.03	PPBV	97
27) 1,1-DICHLOROETHANE	7.67	63	546865	10.62	PPBV	99
28) METHYL ETHYL KETONE	8.10	43	373680	9.21	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.47	96	305720	10.08	PPBV	95
30) ETHYL ACETATE	8.72	43	403226	9.37	PPBV	99
31) CHLOROFORM	8.76	83	767126	10.25	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.69	97	933714	10.99	PPBV	99
33) CARBON TETRACHLORIDE	10.27	117	1175776	11.35	PPBV	99
34) 1,2-DICHLOROETHANE	9.47	62	439607	10.10	PPBV	100
36) BENZENE	10.14	78	742618	10.18	PPBV	99
37) CYCLOHEXANE	10.38	84	389244	11.08	PPBV	98
38) TRICHLOROETHYLENE	11.13	95	392127	10.40	PPBV	98
39) 1,2-DICHLOROPROPANE	10.91	63	242018	10.31	PPBV	98
40) BROMODICHLOROMETHANE	11.10	83	681405	10.34	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.13	57	1300525	11.64	PPBV	100
42) 1,4-DIOXANE	11.21	88	114575	7.26	PPBV	92
43) HEPTANE	11.37	43	386979	10.88	PPBV	97

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10737b.D
Acq On : 22 Jun 2007 5:13 pm
Operator : danat
Sample : bs (m045)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 22 17:40:10 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration

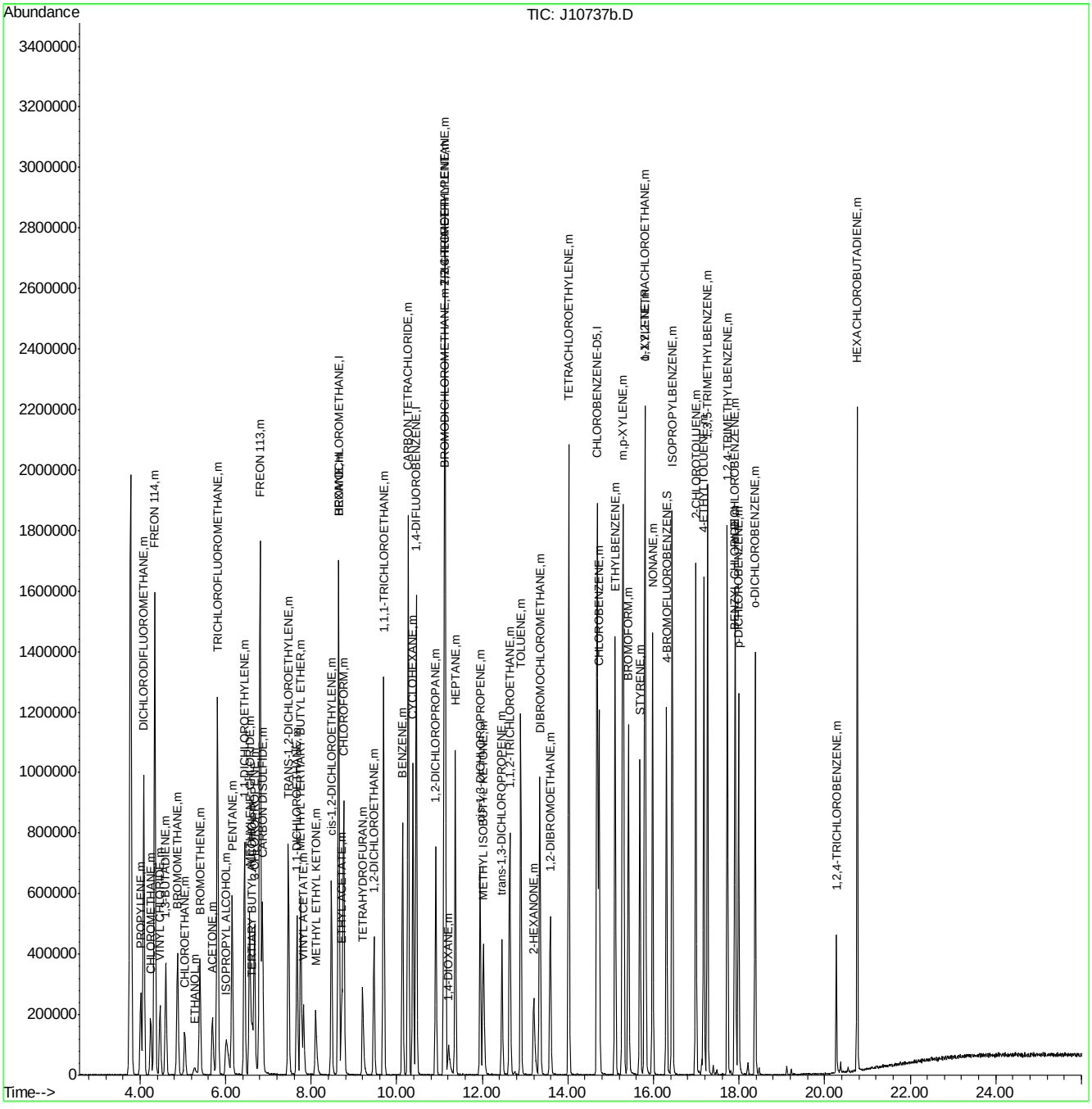
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.02	43	388757	9.16	PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.95	75	377142	10.48	PPBV	98
46) TOLUENE	12.90	92	527518	11.14	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.45	75	290004	8.46	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.64	83	254527	10.34	PPBV	98
50) 2-HEXANONE	13.20	43	272464	7.54	PPBV	97
51) TETRACHLOROETHYLENE	14.02	164	483746	10.05	PPBV	99
52) DIBROMOCHLOROMETHANE	13.34	129	685920	9.96	PPBV	100
53) 1,2-DIBROMOETHANE	13.59	107	455838	9.74	PPBV	100
54) CHLOROBENZENE	14.72	112	726133	10.06	PPBV	97
55) ETHYLBENZENE	15.10	91	1141753	11.91	PPBV	99
56) m,p-XYLENE	15.29	106	934942	24.56	PPBV	94
57) o-XYLENE	15.80	106	471461	9.97	PPBV	98
58) STYRENE	15.68	104	570335	11.84	PPBV	99
59) NONANE	15.98	43	499989	13.67	PPBV	99
60) BROMOFORM	15.41	173	655834	9.74	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.81	83	569812	9.79	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	1382160	11.33	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	931470	12.28	PPBV	99
65) 4-ETHYLTOLUENE	17.18	105	1068948	12.43	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1091265	12.08	PPBV	100
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	946715	13.68	PPBV	99
68) m-DICHLOROBENZENE	17.91	146	596500	10.84	PPBV	100
69) BENZYL CHLORIDE	17.89	91	379757	9.78	PPBV	100
70) p-DICHLOROBENZENE	17.99	146	518003	10.68	PPBV	99
71) o-DICHLOROBENZENE	18.37	146	543920	10.87	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	371513	11.63	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	126764	11.63	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10737b.D
Acq On : 22 Jun 2007 5:13 pm
Operator : danat
Sample : bs (m045)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 22 17:40:10 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration



ACCUTEST Laboratories M65607

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

Quantitation Report (QT Reviewed)

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

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

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

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.336	95	210260	5.23	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 104.60%

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

Quantitation Report (QT Reviewed)

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

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

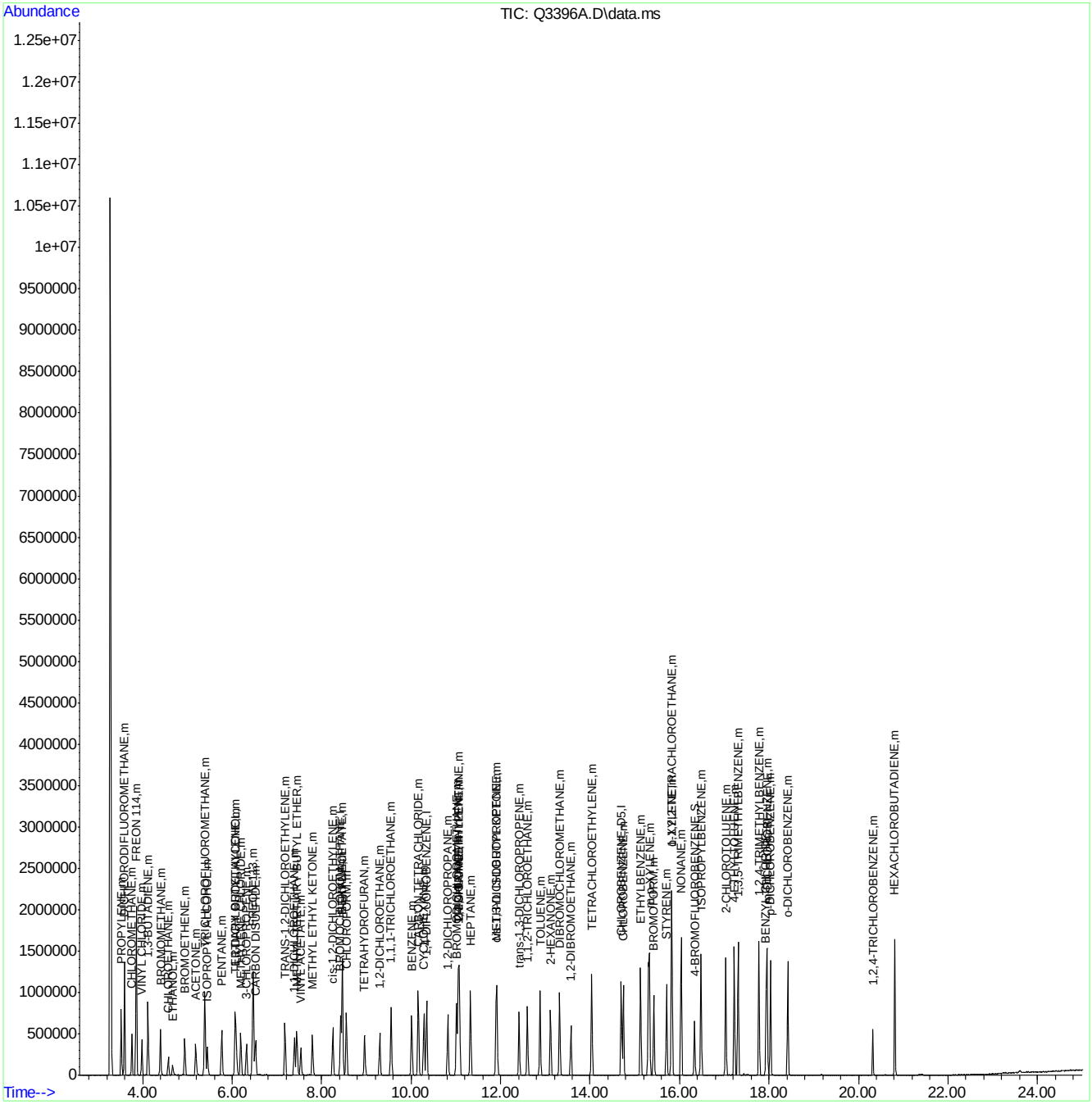
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.917	43	690684	9.05	PPBV		91
45) cis-1,3-DICHLOROPROPENE	11.895	75	293113	8.70	PPBV		89
46) TOLUENE	12.880	92	314175	8.94	PPBV		96
47) trans-1,3-DICHLOROPROPENE	12.410	75	307965	10.63	PPBV	#	99
48) 1,1,2-TRICHLOROETHANE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

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

Quantitation Report (QT Reviewed)

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

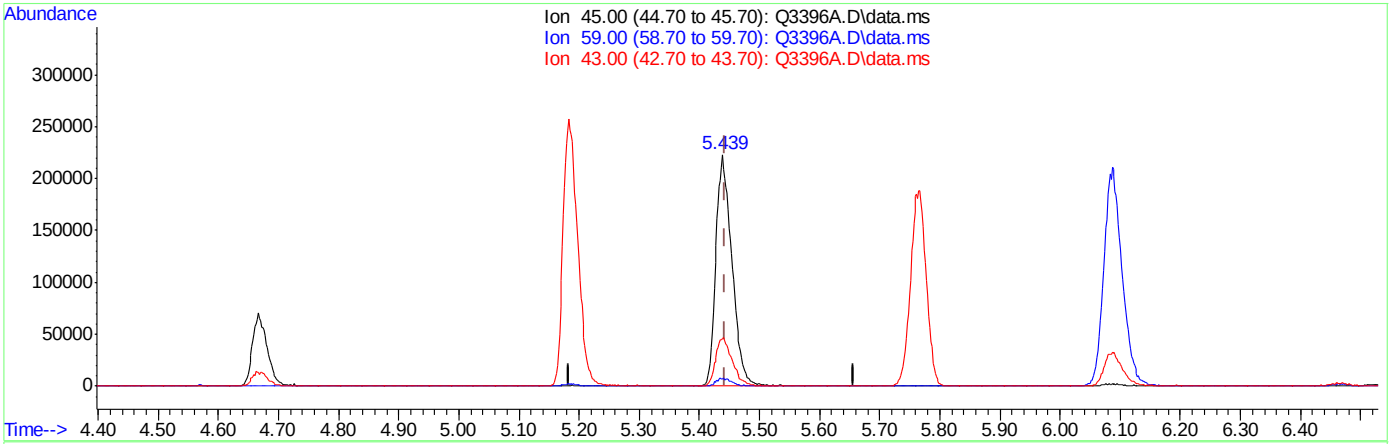
Quant Time: May 16 13:32:06 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

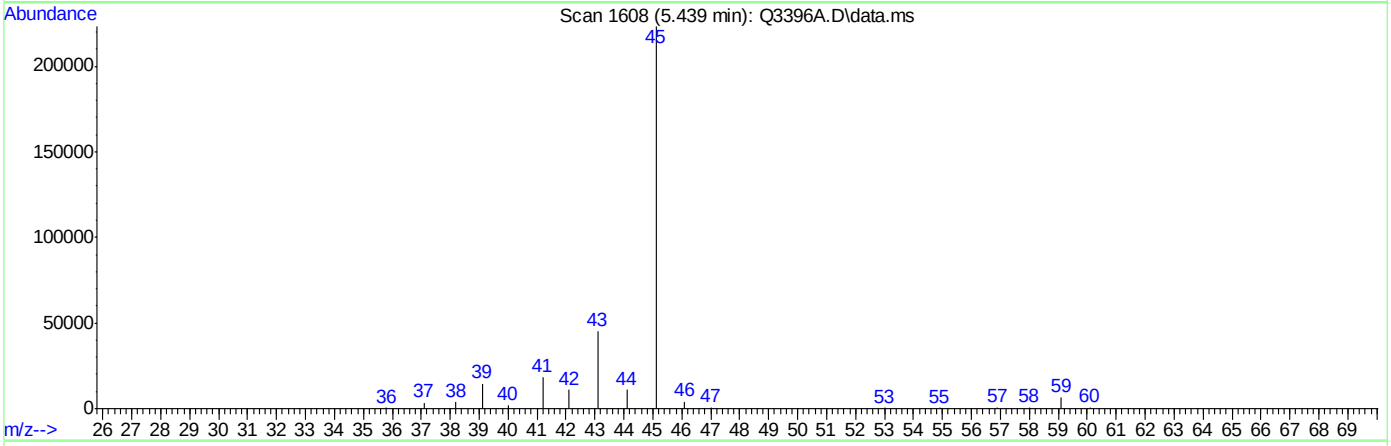


Quantitation Report (Qedit)

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

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



TIC: Q3396A.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.439min (-0.004) 6.93PPBV

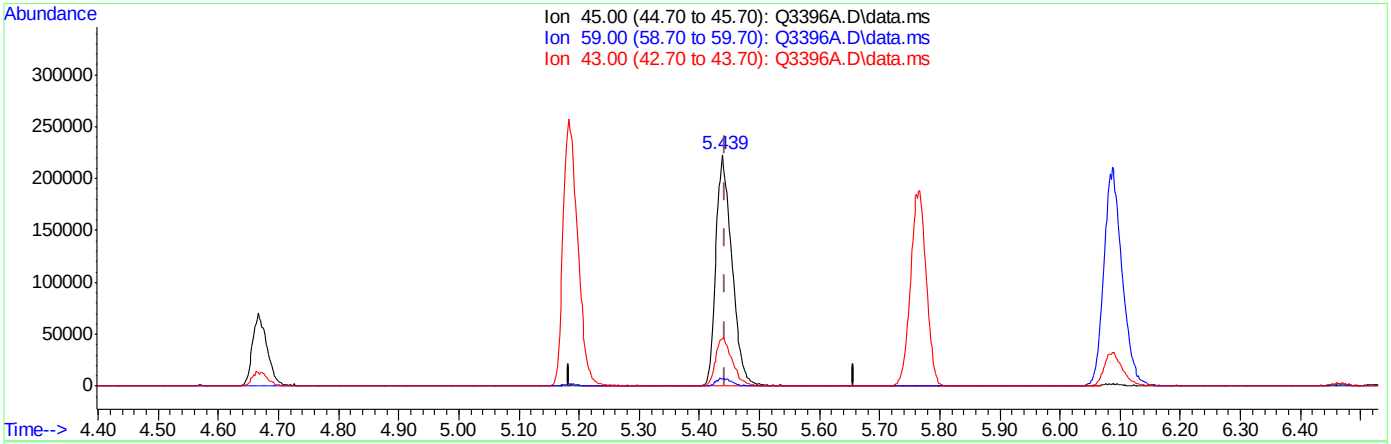
response 412460

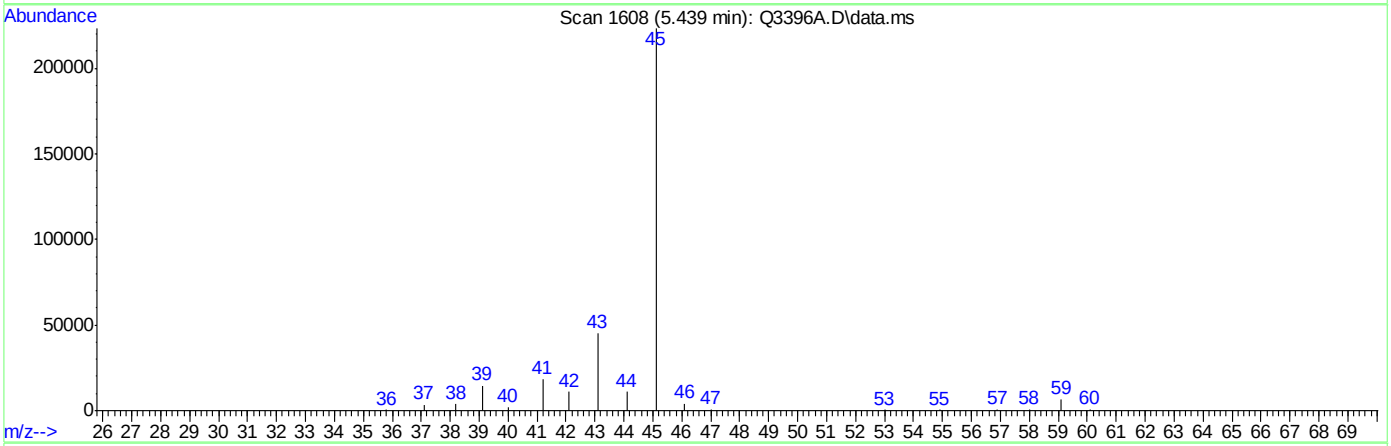
Ion	Exp%	Act%
45.00	100	100
59.00	2.80	3.09
43.00	22.80	20.29
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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



TIC: Q3396A.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.439min (-0.004) 7.00PPBV m

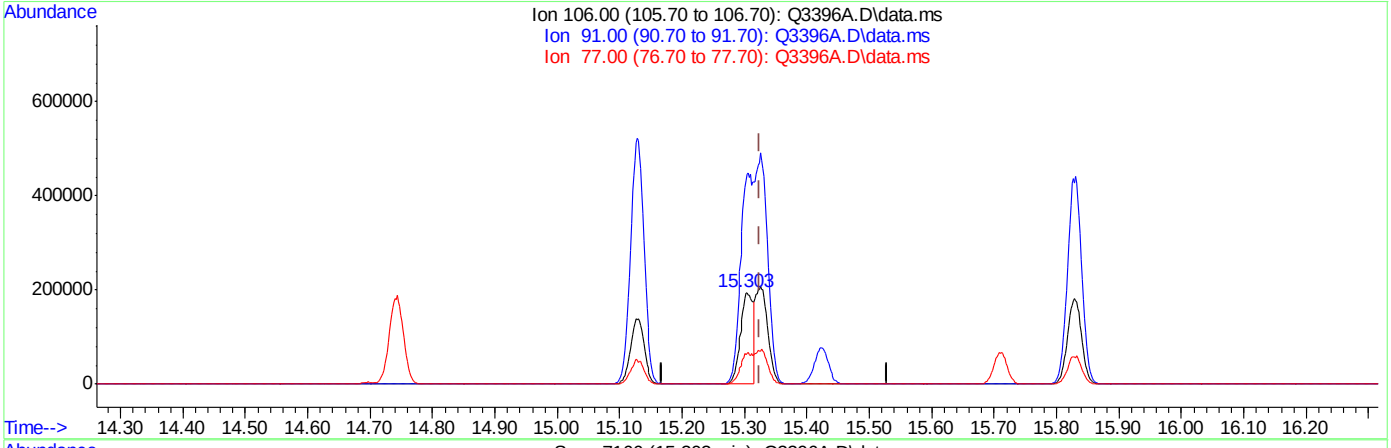
response 416548

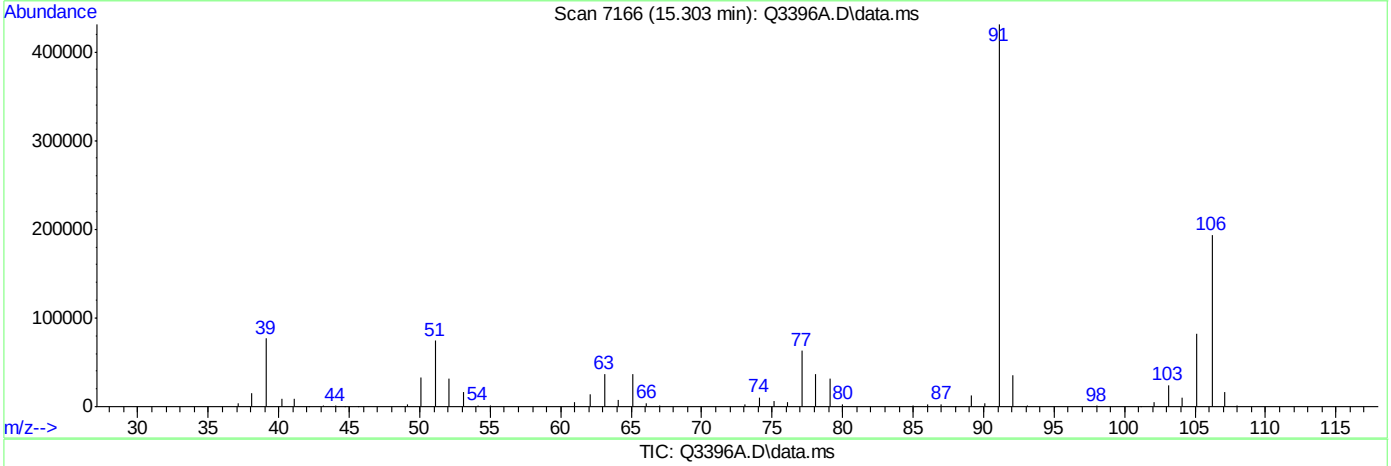
Ion	Exp%	Act%
45.00	100	100
59.00	2.80	3.09
43.00	22.80	20.29
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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



TIC: Q3396A.D\data.ms

(56) m,p-XYLENE (m)

15.303min (-0.021) 8.75PPBV

response 280032

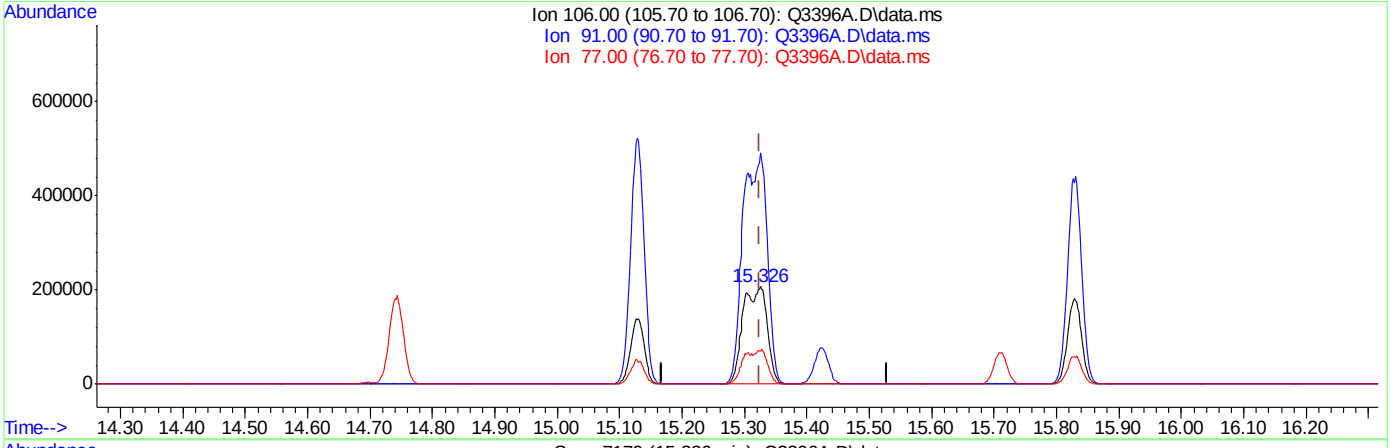
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	222.17
77.00	30.60	32.39
0.00	0.00	0.00

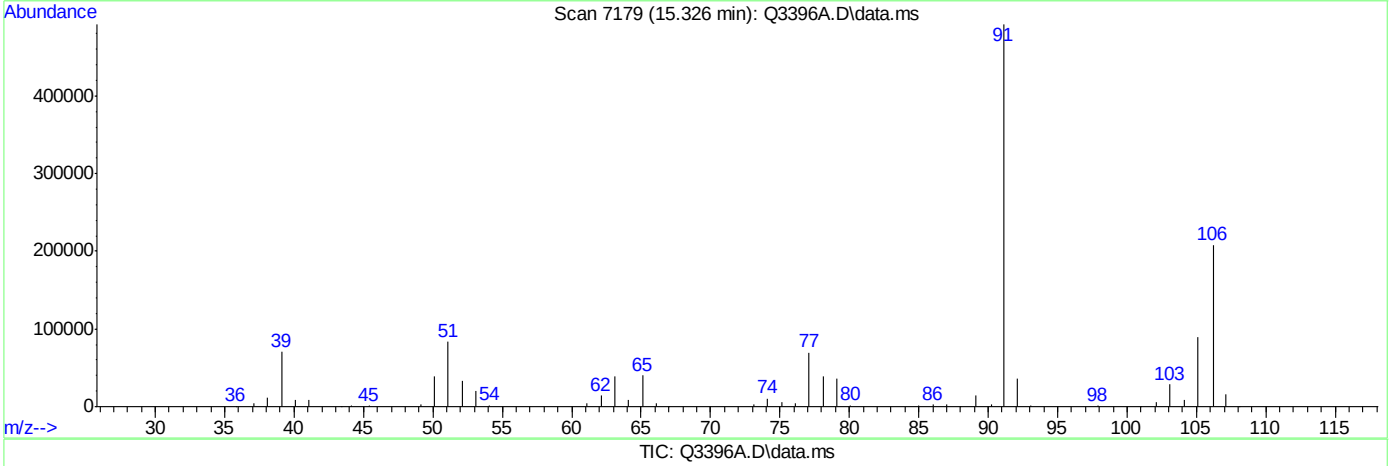
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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



TIC: Q3396A.D\data.ms

(56) m,p-XYLENE (m)

15.326min (+0.002) 17.54PPBV m

response 561115

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

ACCUTEST Laboratories M65607

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

Quantitation Report (QT Reviewed)

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

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

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

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.334	95	128557	5.38	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 107.60%

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

Quantitation Report (QT Reviewed)

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

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

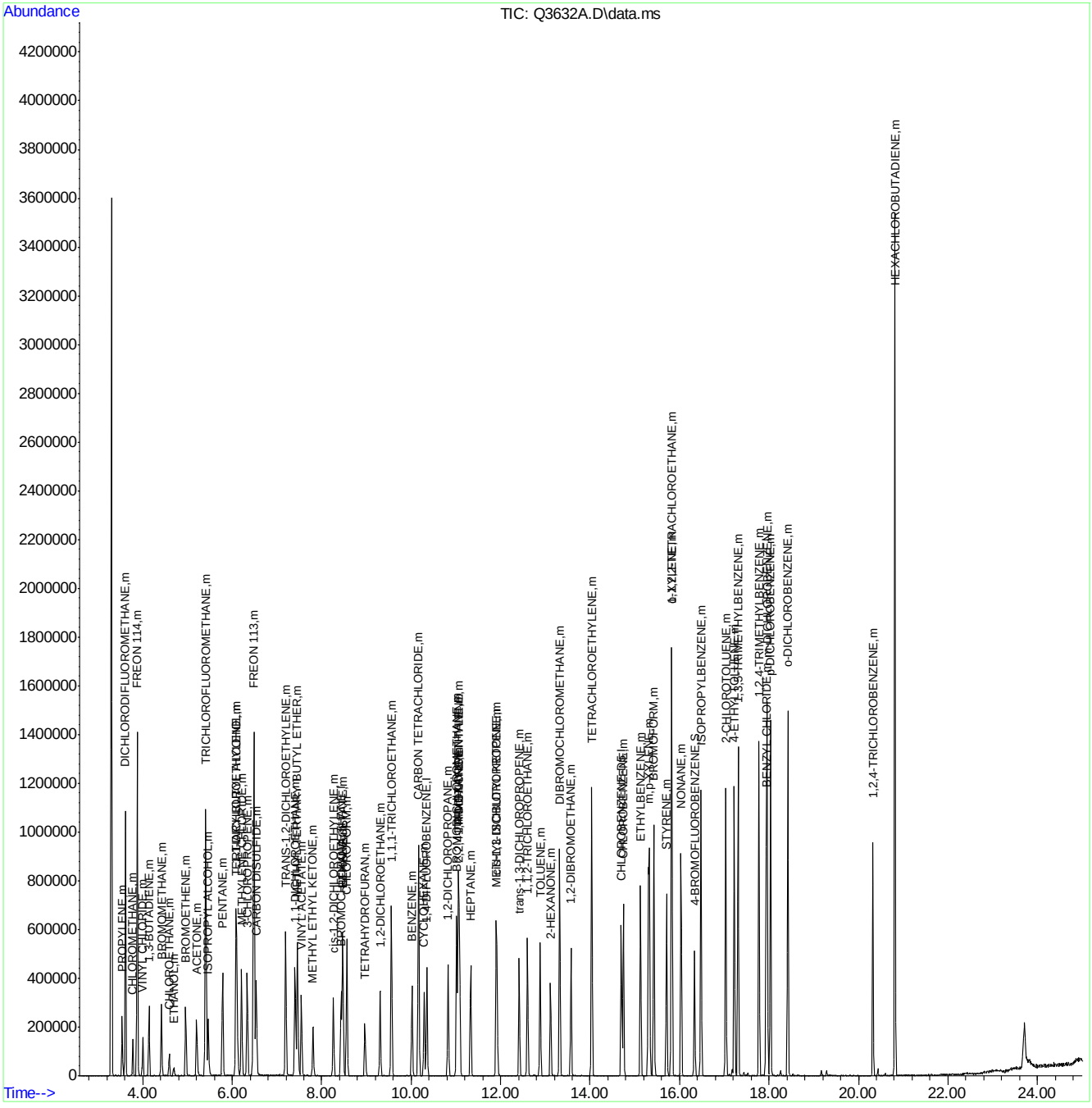
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.918	43	267993	10.52 PPBV	89
45) cis-1,3-DICHLOROPROPENE	11.902	75	171438	10.95 PPBV #	72
46) TOLUENE	12.882	92	171140	10.20 PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.415	75	174579	7.95 PPBV #	99
48) 1,1,2-TRICHLOROETHANE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

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

Quantitation Report (QT Reviewed)

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

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

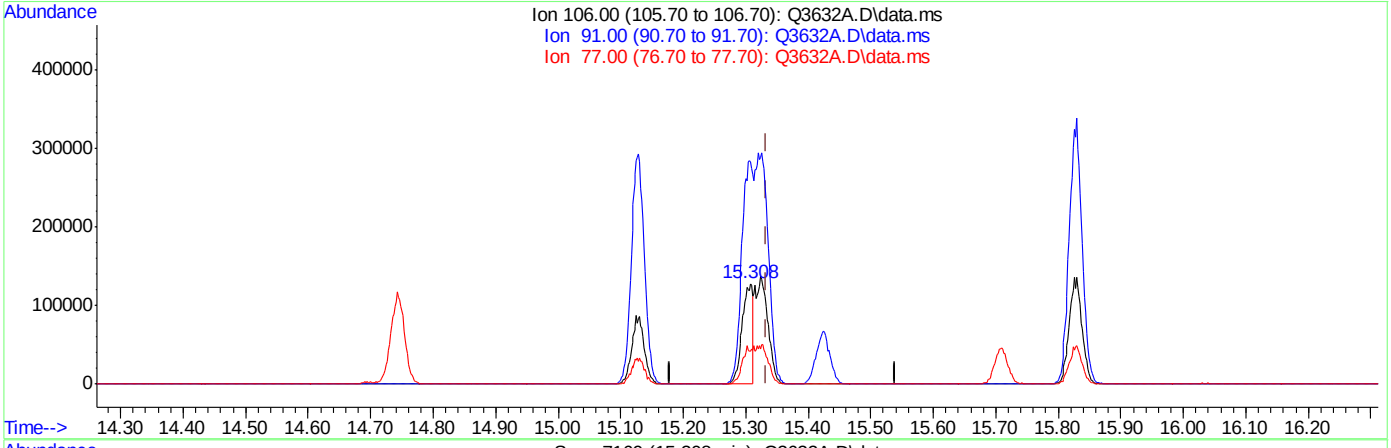


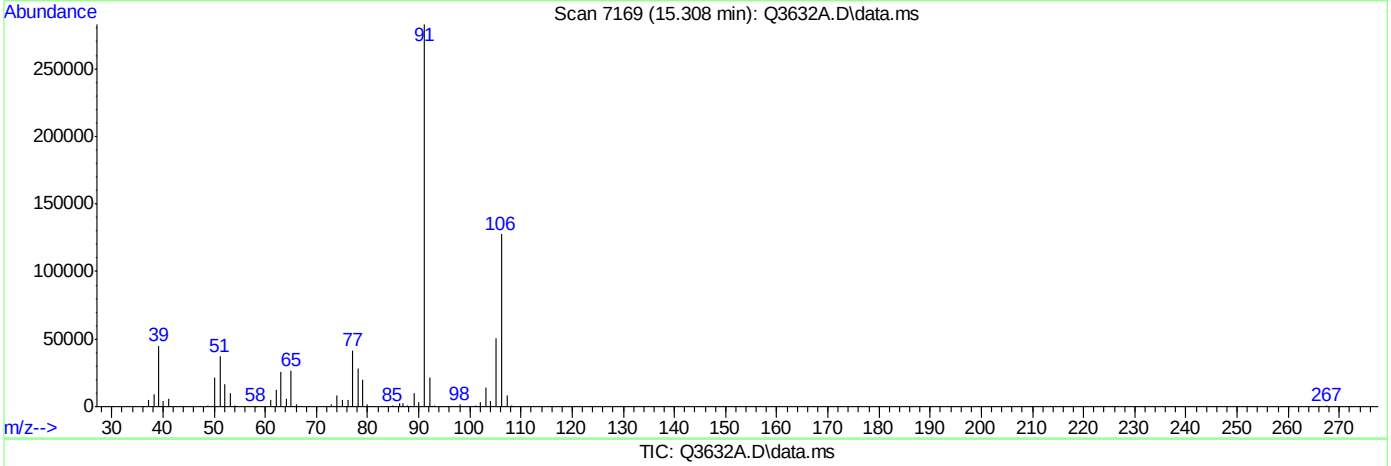
ACCUTEST Laboratories
M65607

Quantitation Report (Qedit)

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

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





TIC: Q3632A.D\data.ms

(56) m,p-XYLENE (m)

15.308min (-0.026) 10.68PPBV

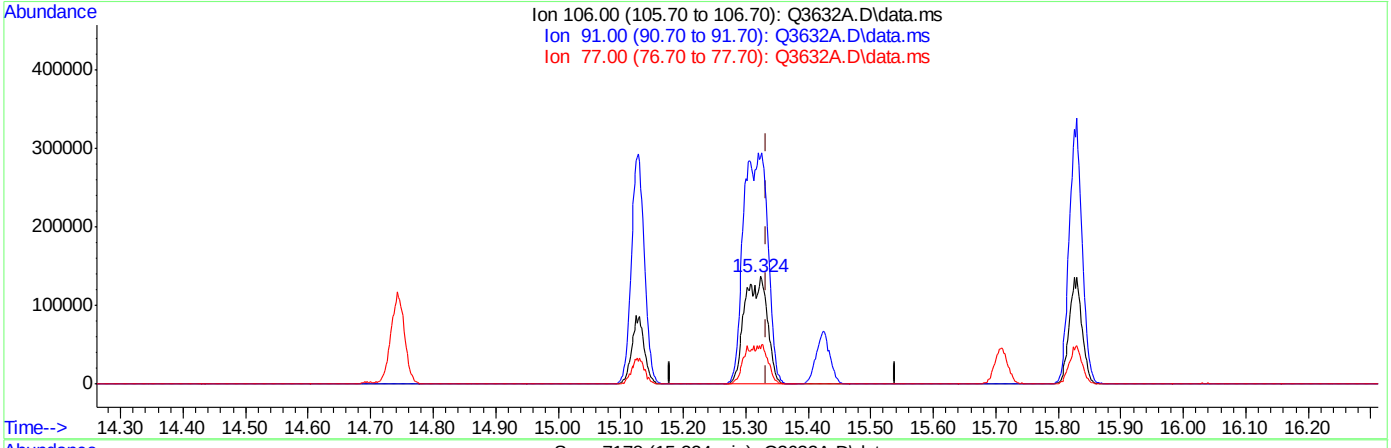
response 151935

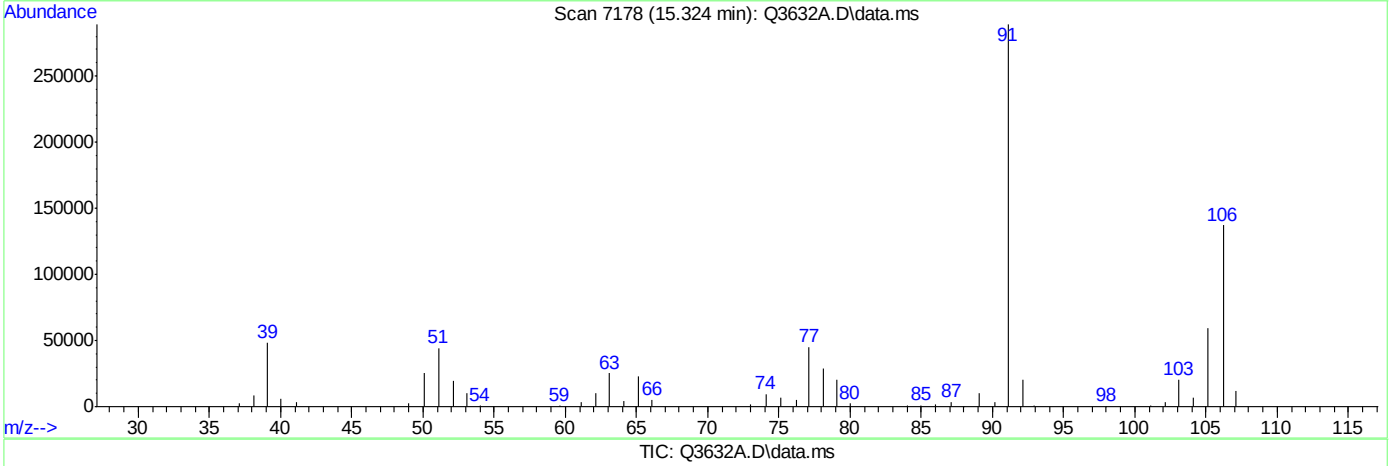
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	221.64
77.00	30.60	32.46
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3632A.D\data.ms

(56) m,p-XYLENE (m)

15.324min (-0.010) 21.94PPBV m

response 347752

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

ACCUTEST Laboratories M65607

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
06/22/07 14:27

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10721.D
Acq On : 21 Jun 2007 5:33 pm
Operator : danat
Sample : m65230-1rdup (m025)
Misc : MS13799, MSJ555,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 22 10:39:41 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 15 09:22:40 2007
Response via : Initial Calibration

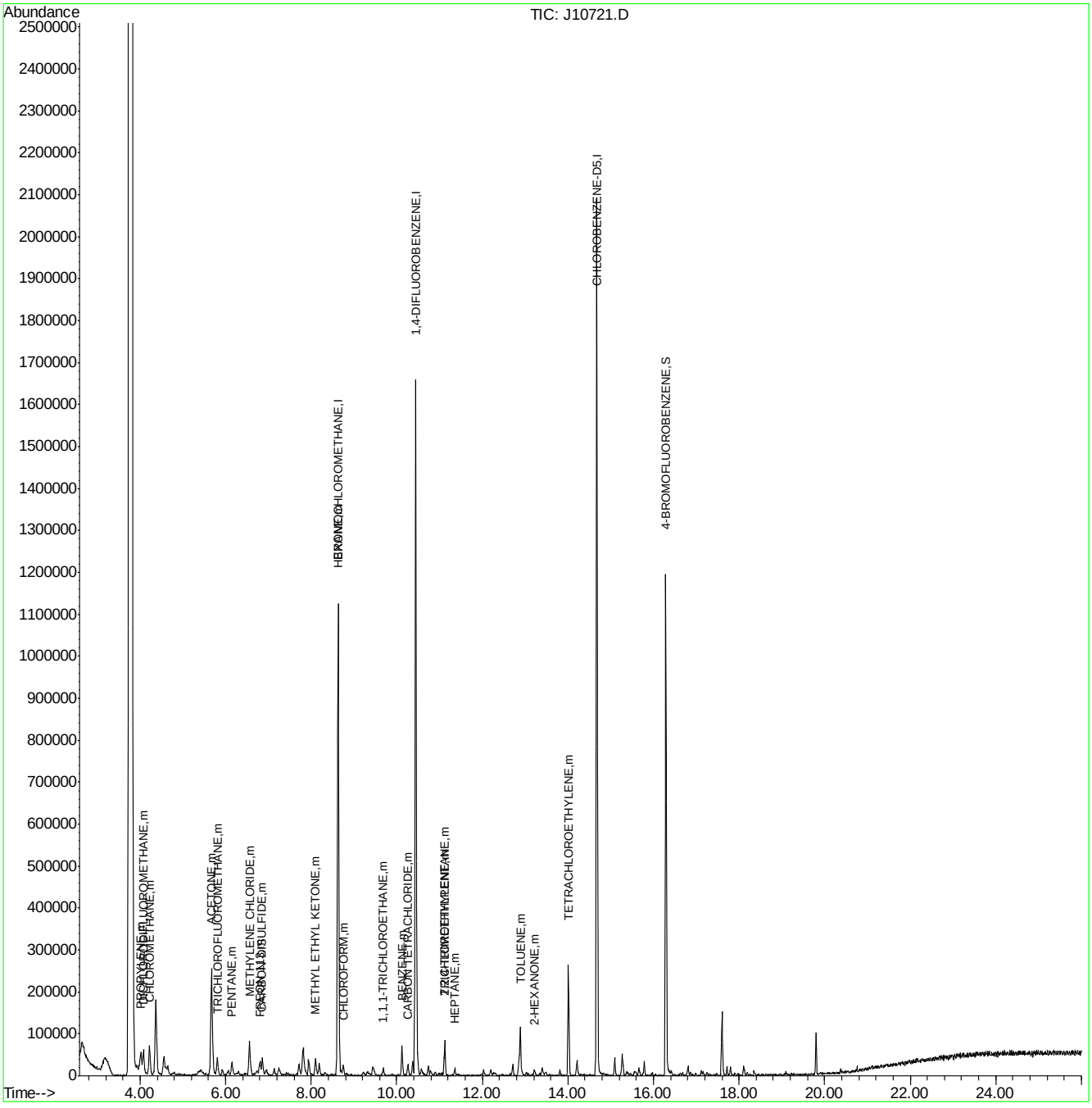
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	333514	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1373499	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.68	117	1204255	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.29	95	354582	4.92	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 98.40%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.08	85	71637	0.51	PPBV	99
3) PROPYLENE	4.00	41	30912	1.48	PPBV	80
5) CHLOROMETHANE	4.23	50	7792	0.25	PPBV	67
10) TRICHLOROFLUOROMETHANE	5.81	101	39950	0.28	PPBV	98
12) ACETONE	5.67	43	332439	7.90	PPBV	99
13) PENTANE	6.15	42	14381	0.48	PPBV	96
15) CARBON DISULFIDE	6.86	76	68595	0.57	PPBV	98
18) METHYLENE CHLORIDE	6.56	84	40055	0.65	PPBV	96
20) FREON 113	6.80	151	12112	0.13	PPBV	97
25) HEXANE	8.64	57	24782	0.56	PPBV	88
28) METHYL ETHYL KETONE	8.10	43	58969	1.39	PPBV	87
31) CHLOROFORM	8.75	83	14461	0.16	PPBV	98
32) 1,1,1-TRICHLOROETHANE	9.69	97	9867	0.10	PPBV	98
33) CARBON TETRACHLORIDE	10.26	117	15302	0.12	PPBV	99
36) BENZENE	10.12	78	55888	0.61	PPBV	99
38) TRICHLOROETHYLENE	11.11	95	6346	0.13	PPBV #	89
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	35354	0.26	PPBV	88
43) HEPTANE	11.36	43	5285	0.13	PPBV	85
46) TOLUENE	12.88	92	46892	0.83	PPBV	98
50) 2-HEXANONE	13.21	43	7514m	0.18	PPBV	
51) TETRACHLOROETHYLENE	14.01	164	59896	1.02	PPBV	99

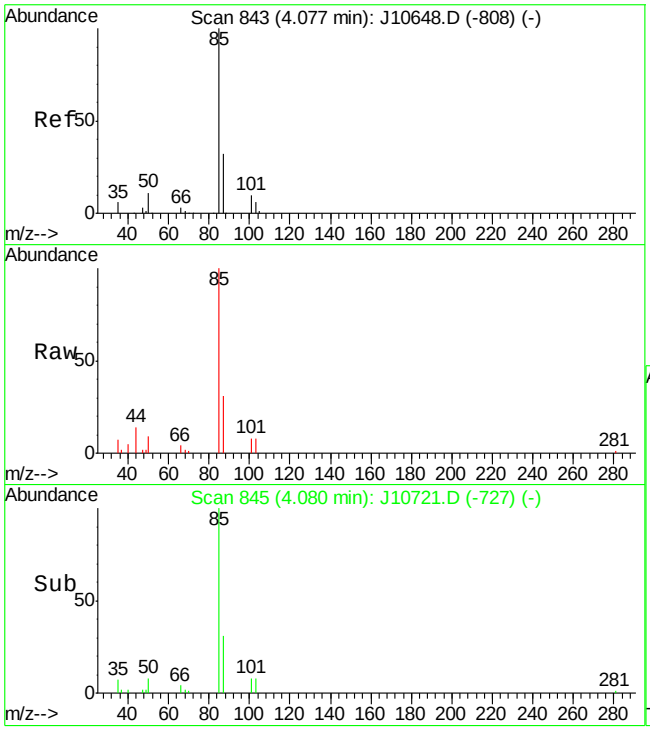
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10721.D
Acq On : 21 Jun 2007 5:33 pm
Operator : danat
Sample : m65230-1rdup (m025)
Misc : MS13799, MSJ555,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 22 10:39:41 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 15 09:22:40 2007
Response via : Initial Calibration

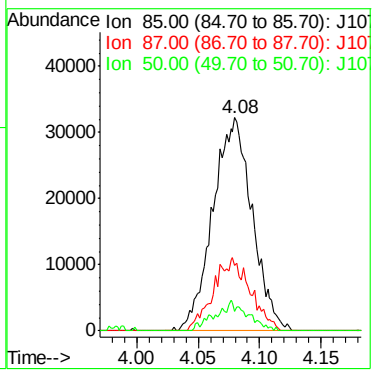


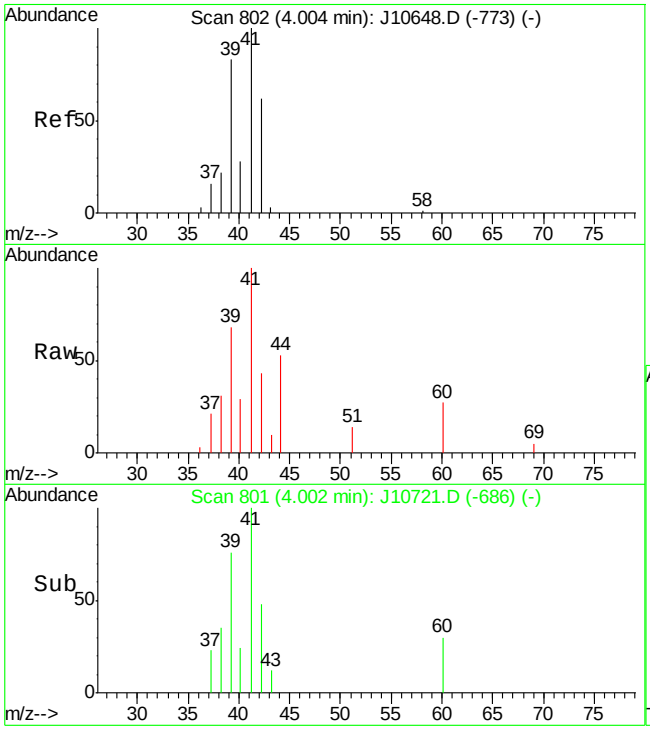


#2
DICHLORODIFLUOROMETHANE
Concen: 0.51 PPBV
RT: 4.08 min Scan# 845
Delta R.T. 0.00 min
Lab File: J10721.D
Acq: 21 Jun 2007 5:33 pm

Tgt Ion: 85 Resp: 71637

Ion	Ratio	Lower	Upper
85	100		
87	32.2	12.7	52.7
50	11.6	0.0	31.1

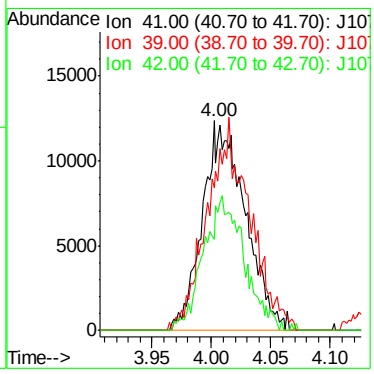


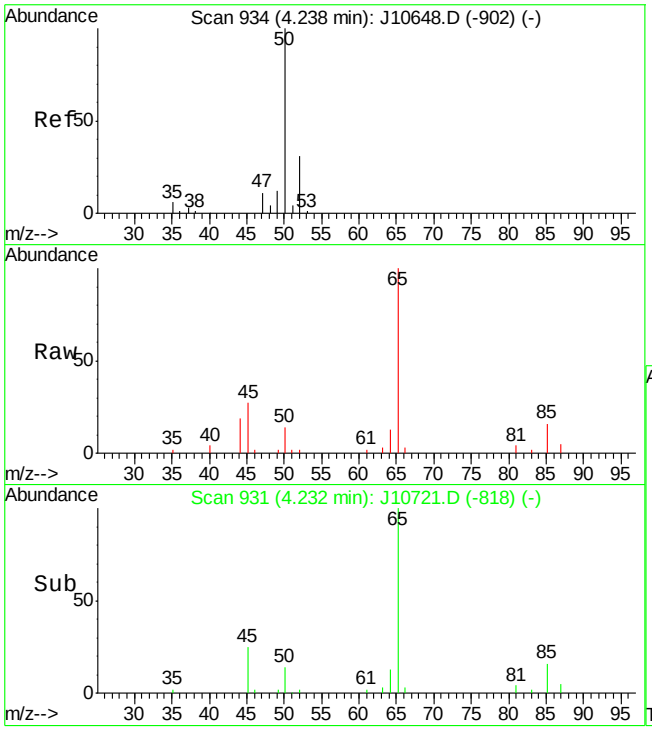


#3
PROPYLENE
Concen: 1.48 PPBV
RT: 4.00 min Scan# 801
Delta R.T. -0.00 min
Lab File: J10721.D
Acq: 21 Jun 2007 5:33 pm

Tgt Ion: 41 Resp: 30912

Ion	Ratio	Lower	Upper
41	100		
39	68.2	62.8	102.8
42	43.4	42.4	82.4

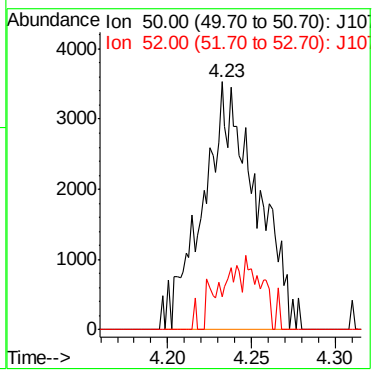


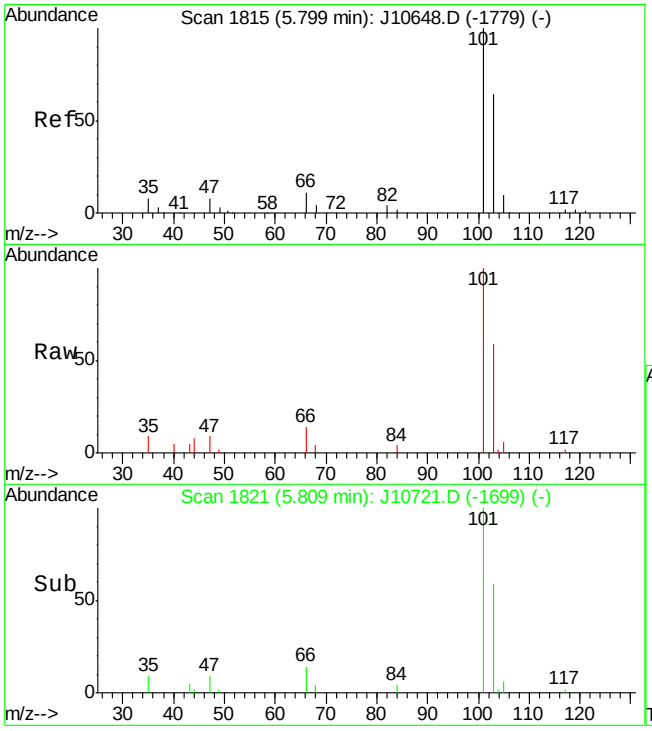


#5
CHLOROMETHANE
Concen: 0.25 PPBV
RT: 4.23 min Scan# 931
Delta R.T. -0.01 min
Lab File: J10721.D
Acq: 21 Jun 2007 5:33 pm

Tgt Ion: 50 Resp: 7792

Ion	Ratio	Lower	Upper
50	100		
52	13.5	11.8	51.8

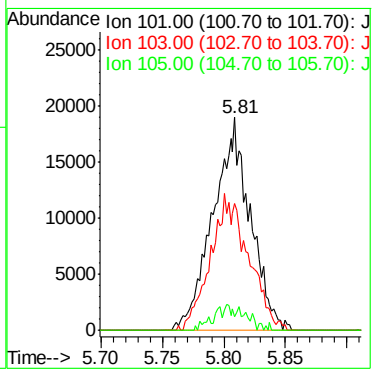


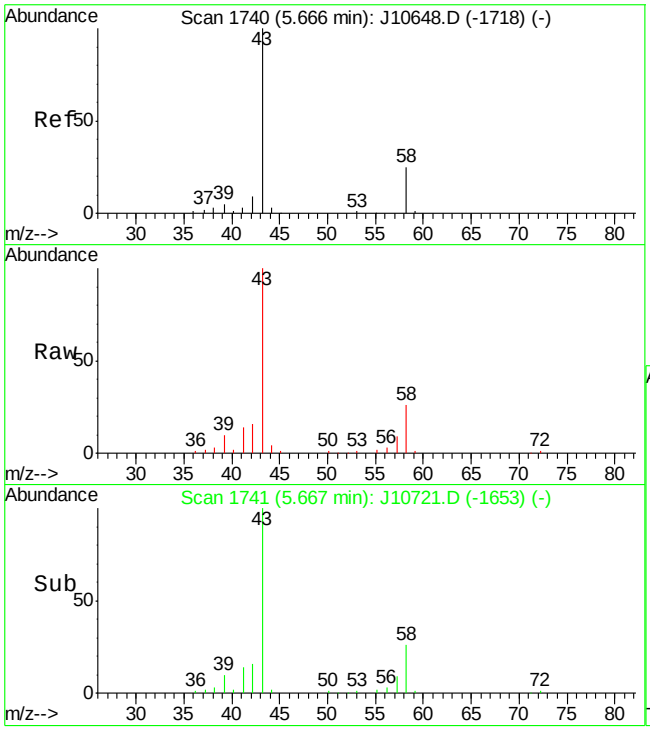


#10
TRICHLOROFLUOROMETHANE
Concen: 0.28 PPBV
RT: 5.81 min Scan# 1821
Delta R.T. 0.01 min
Lab File: J10721.D
Acq: 21 Jun 2007 5:33 pm

Tgt Ion:101 Resp: 39950

Ion	Ratio	Lower	Upper
101	100		
103	65.3	44.8	84.8
105	6.2	0.0	30.5

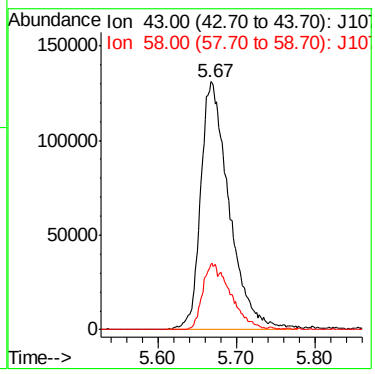


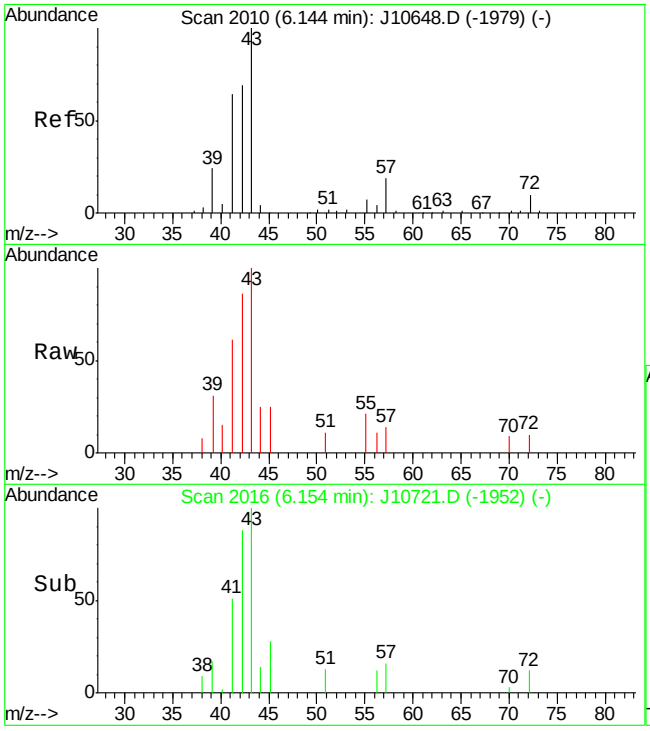


#12
ACETONE
Concen: 7.90 PPBV
RT: 5.67 min Scan# 1741
Delta R.T. 0.00 min
Lab File: J10721.D
Acq: 21 Jun 2007 5:33 pm

Tgt Ion: 43 Resp: 332439

Ion	Ratio	Lower	Upper
43	100		
58	26.4	6.9	46.9

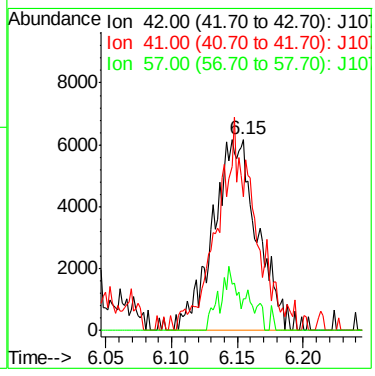


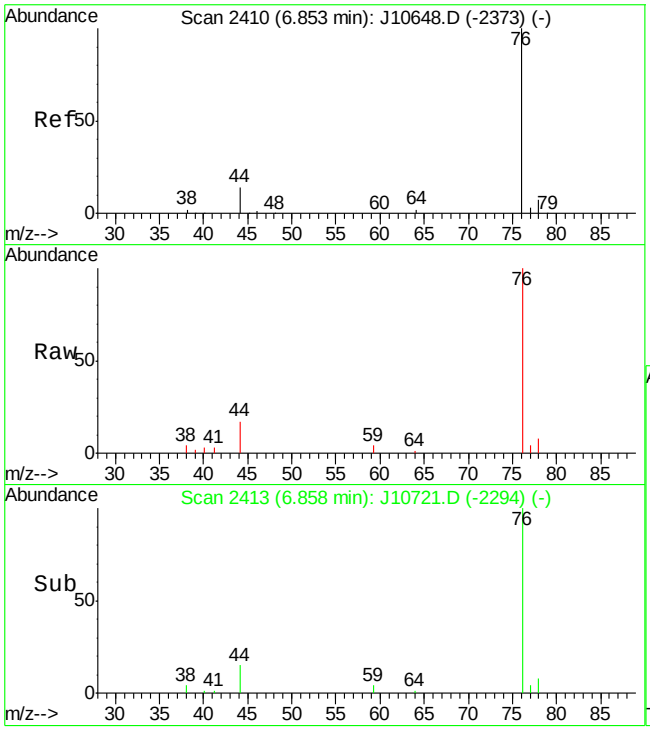


#13
PENTANE
Concen: 0.48 PPBV
RT: 6.15 min Scan# 2016
Delta R.T. 0.01 min
Lab File: J10721.D
Acq: 21 Jun 2007 5:33 pm

Tgt Ion: 42 Resp: 14381

Ion	Ratio	Lower	Upper
42	100		
41	94.7	75.9	115.9
57	18.4	5.6	45.6

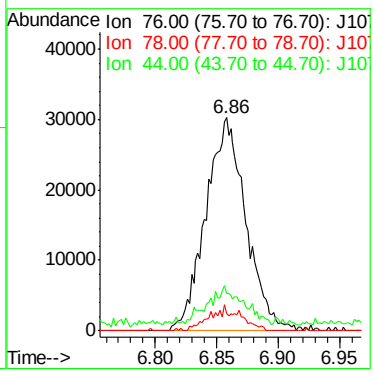


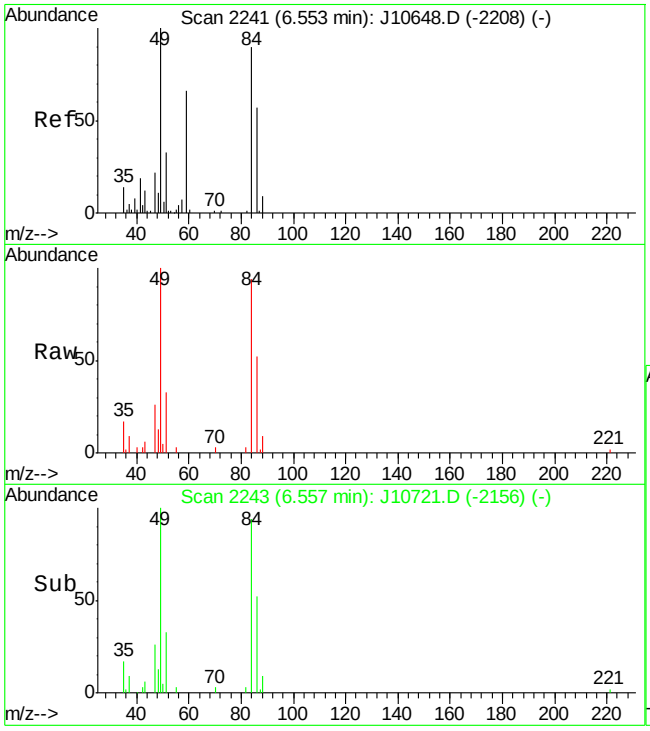


#15
CARBON DISULFIDE
Concen: 0.57 PPBV
RT: 6.86 min Scan# 2413
Delta R.T. 0.00 min
Lab File: J10721.D
Acq: 21 Jun 2007 5:33 pm

Tgt Ion: 76 Resp: 68595

Ion	Ratio	Lower	Upper
76	100		
78	9.0	0.0	29.3
44	14.3	0.0	33.5

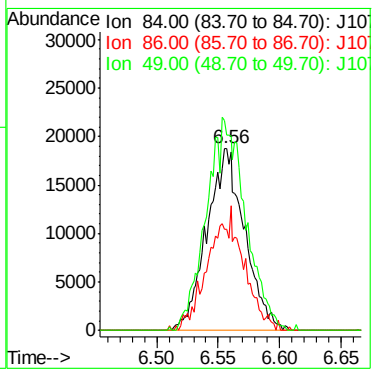


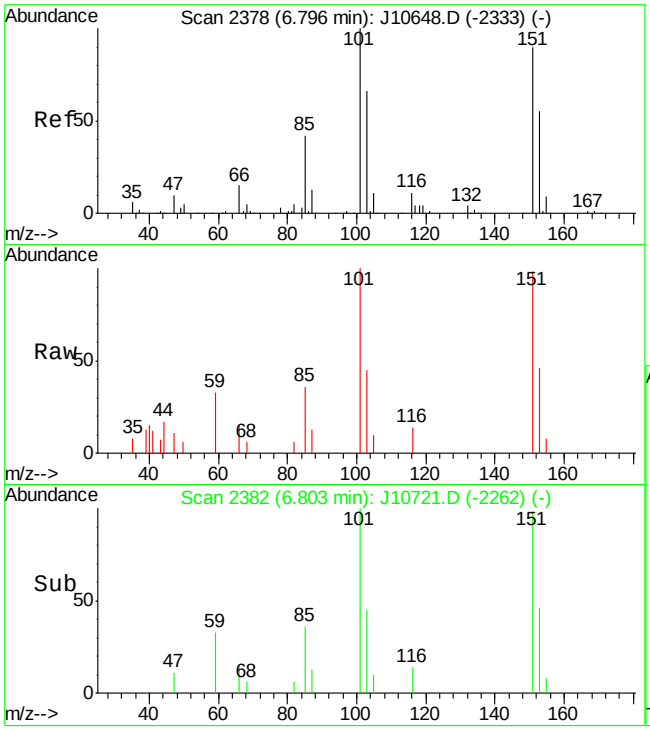


#18
METHYLENE CHLORIDE
Concen: 0.65 PPBV
RT: 6.56 min Scan# 2243
Delta R.T. 0.00 min
Lab File: J10721.D
Acq: 21 Jun 2007 5:33 pm

Tgt Ion: 84 Resp: 40055

Ion	Ratio	Lower	Upper
84	100		
86	63.4	45.7	85.7
49	122.3	0.0	316.4

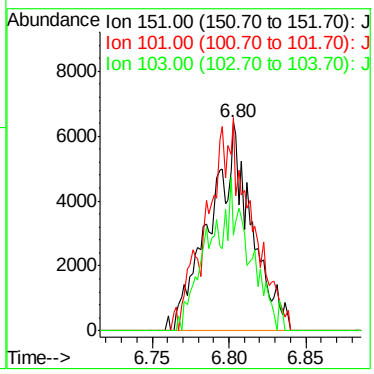


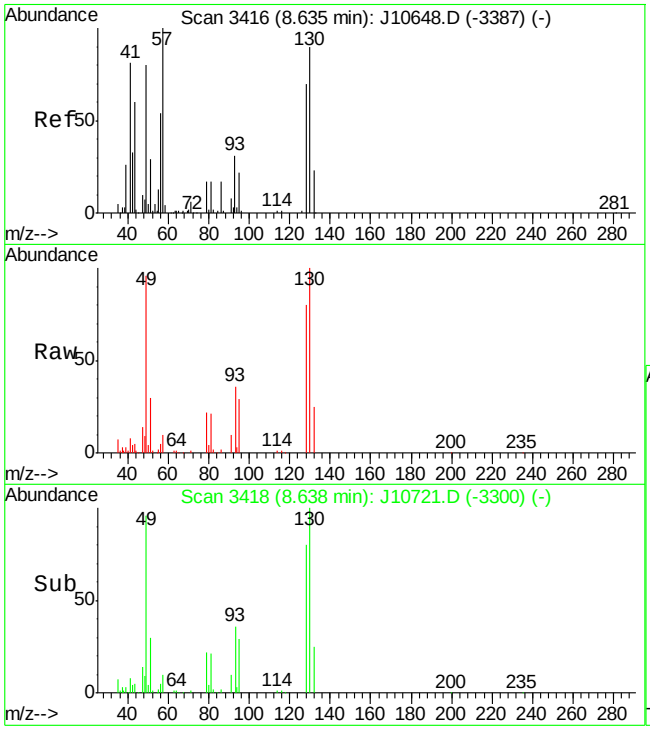


#20
FREON 113
Concen: 0.13 PPBV
RT: 6.80 min Scan# 2382
Delta R.T. 0.01 min
Lab File: J10721.D
Acq: 21 Jun 2007 5:33 pm

Tgt Ion:151 Resp: 12112

Ion	Ratio	Lower	Upper
151	100		
101	107.3	91.0	131.0
103	69.5	52.0	92.0

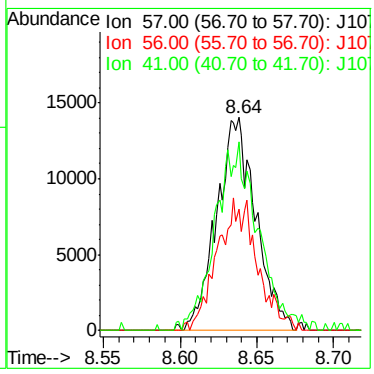


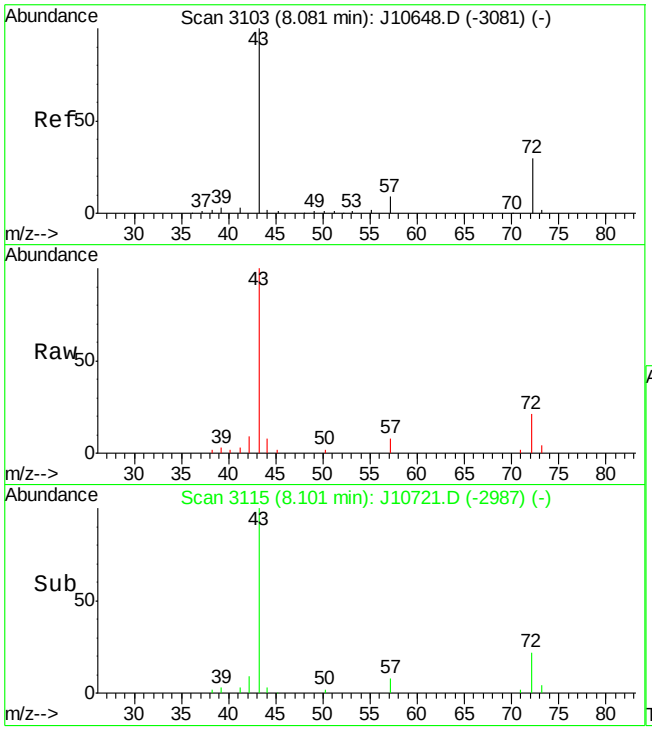


#25
HEXANE
Concen: 0.56 PPBV
RT: 8.64 min Scan# 3418
Delta R.T. 0.00 min
Lab File: J10721.D
Acq: 21 Jun 2007 5:33 pm

Tgt Ion: 57 Resp: 24782

Ion	Ratio	Lower	Upper
57	100		
56	63.6	38.7	78.7
41	97.8	64.0	104.0

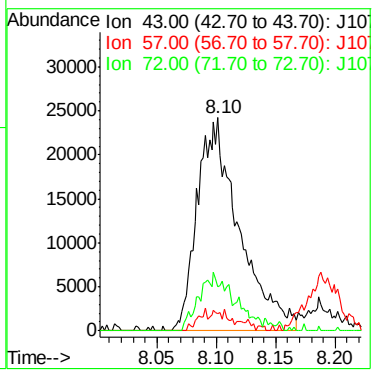


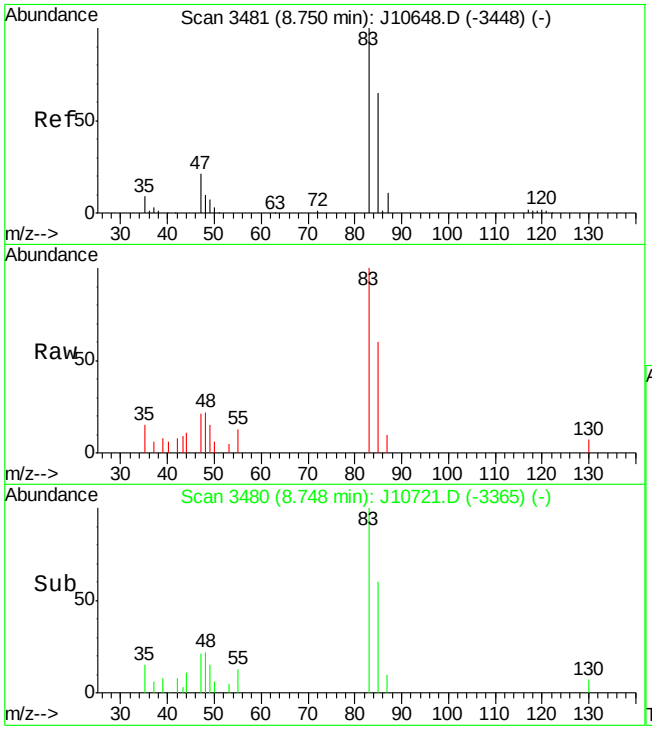


#28
METHYL ETHYL KETONE
Concen: 1.39 PPBV
RT: 8.10 min Scan# 3115
Delta R.T. 0.02 min
Lab File: J10721.D
Acq: 21 Jun 2007 5:33 pm

Tgt Ion: 43 Resp: 58969

Ion	Ratio	Lower	Upper
43	100		
57	7.9	0.0	28.5
72	20.9	9.5	49.5

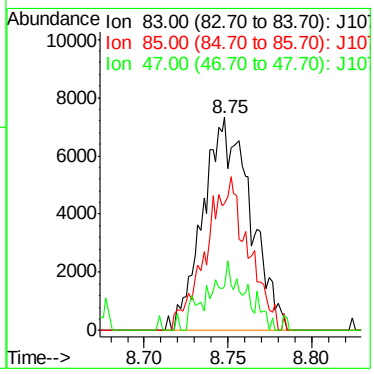


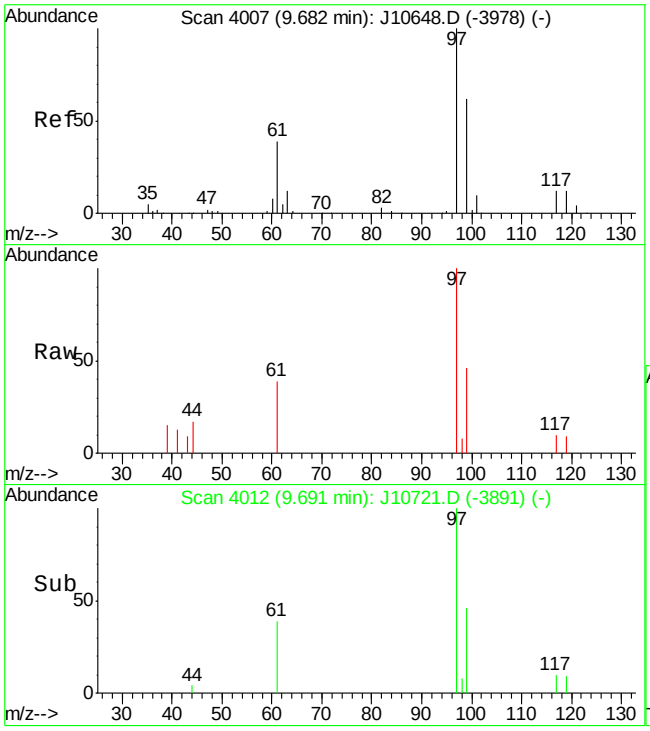


#31
CHLOROFORM
Concen: 0.16 PPBV
RT: 8.75 min Scan# 3480
Delta R.T. -0.00 min
Lab File: J10721.D
Acq: 21 Jun 2007 5:33 pm

Tgt Ion: 83 Resp: 14461

Ion	Ratio	Lower	Upper
83	100		
85	64.4	45.2	85.2
47	24.9	2.0	42.0

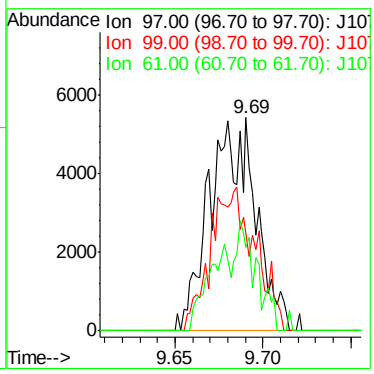


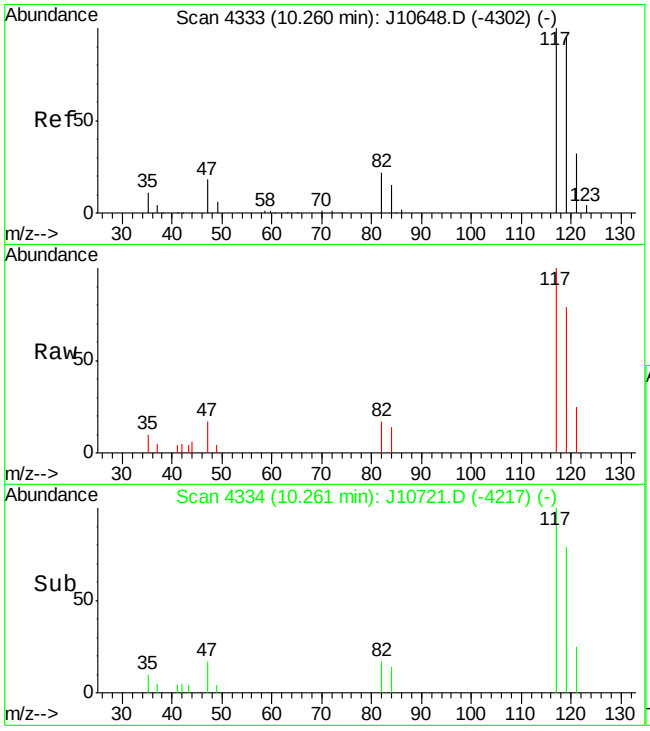


#32
1,1,1-TRICHLOROETHANE
Concen: 0.10 PPBV
RT: 9.69 min Scan# 4012
Delta R.T. 0.01 min
Lab File: J10721.D
Acq: 21 Jun 2007 5:33 pm

Tgt Ion: 97 Resp: 9867

Ion	Ratio	Lower	Upper
97	100		
99	65.4	44.5	84.5
61	43.4	20.6	60.6

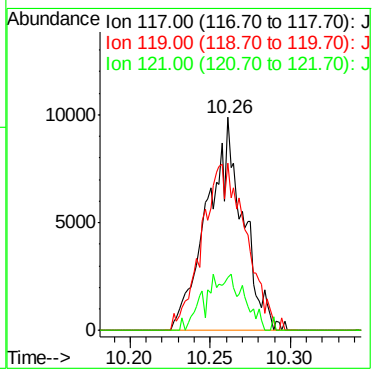


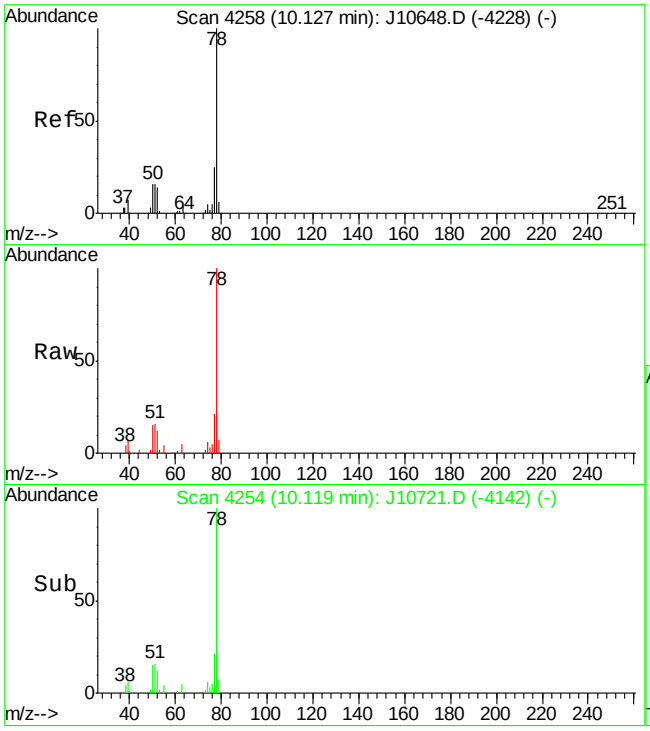


#33
CARBON TETRACHLORIDE
Concen: 0.12 PPBV
RT: 10.26 min Scan# 4334
Delta R.T. 0.00 min
Lab File: J10721.D
Acq: 21 Jun 2007 5:33 pm

Tgt Ion:117 Resp: 15302

Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.5	116.5
121	28.6	11.0	51.0

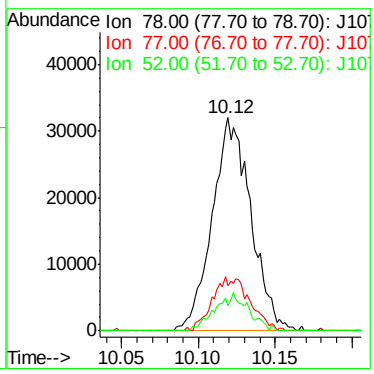


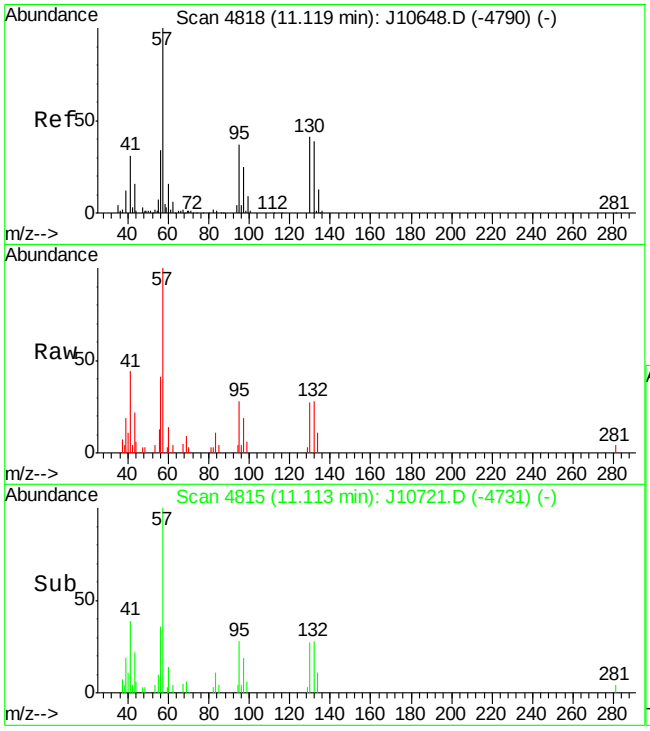


#36
BENZENE
Concen: 0.61 PPBV
RT: 10.12 min Scan# 4254
Delta R.T. -0.01 min
Lab File: J10721.D
Acq: 21 Jun 2007 5:33 pm

Tgt Ion: 78 Resp: 55888

Ion	Ratio	Lower	Upper
78	100		
77	24.4	4.2	44.2
52	15.3	0.0	34.6

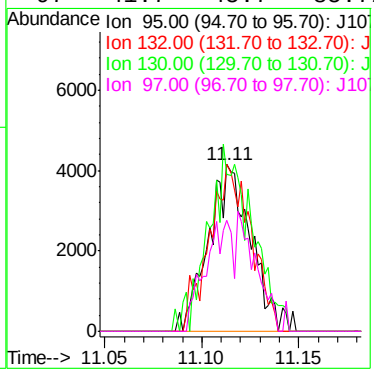


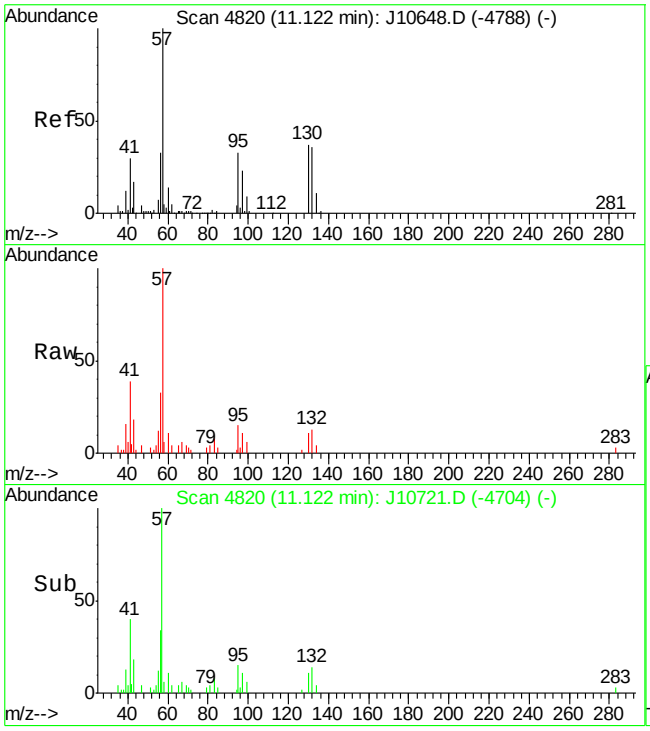


#38
TRICHLOROETHYLENE
Concen: 0.13 PPBV
RT: 11.11 min Scan# 4815
Delta R.T. -0.01 min
Lab File: J10721.D
Acq: 21 Jun 2007 5:33 pm

Tgt Ion: 95 Resp: 6346

Ion	Ratio	Lower	Upper
95	100		
132	97.8	86.1	126.1
130	112.7	90.4	130.4
97	41.7	45.7	85.7#

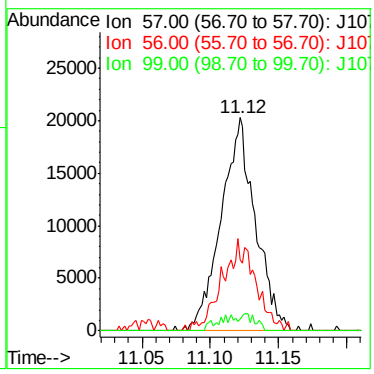


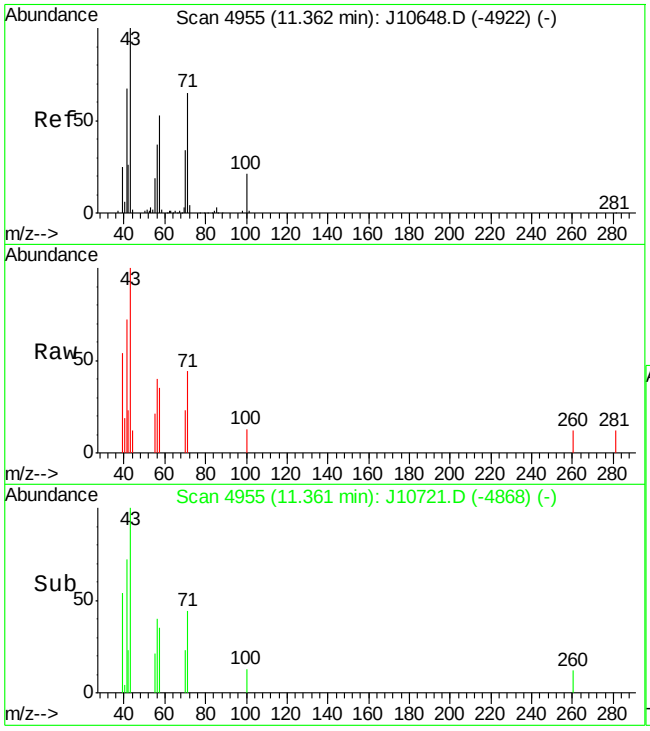


#41
2,2,4-TRIMETHYLPENTANE
Concen: 0.26 PPBV
RT: 11.12 min Scan# 4820
Delta R.T. -0.00 min
Lab File: J10721.D
Acq: 21 Jun 2007 5:33 pm

Tgt Ion: 57 Resp: 35354

Ion	Ratio	Lower	Upper
57	100		
56	41.5	13.3	53.3
99	7.4	0.0	28.6

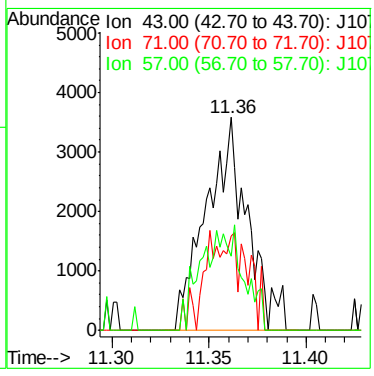


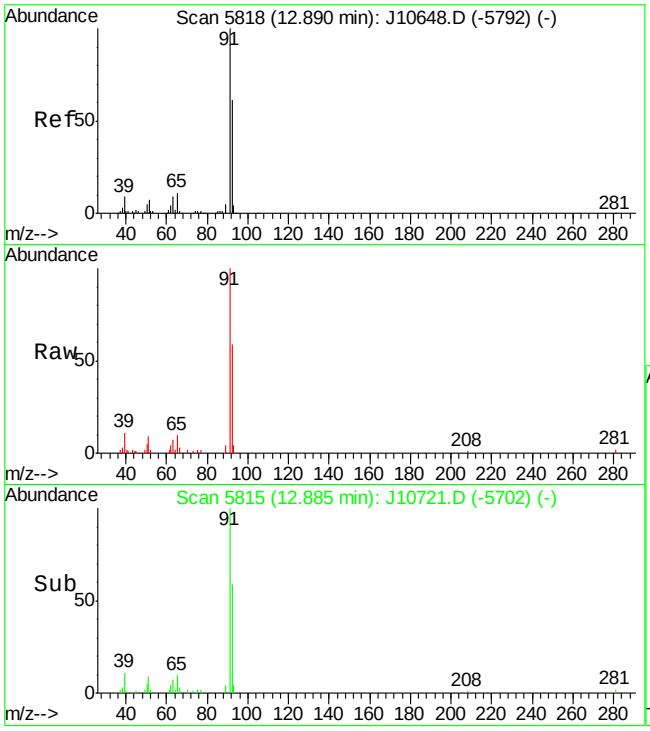


#43
HEPTANE
Concen: 0.13 PPBV
RT: 11.36 min Scan# 4955
Delta R.T. -0.00 min
Lab File: J10721.D
Acq: 21 Jun 2007 5:33 pm

Tgt Ion: 43 Resp: 5285

Ion	Ratio	Lower	Upper
43	100		
71	46.6	42.8	82.8
57	49.5	35.0	75.0

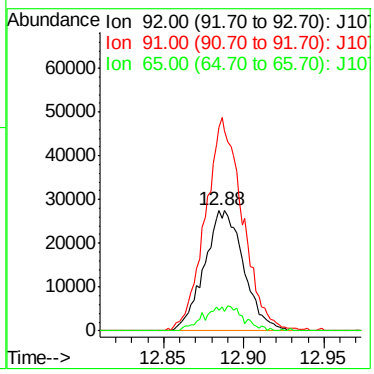


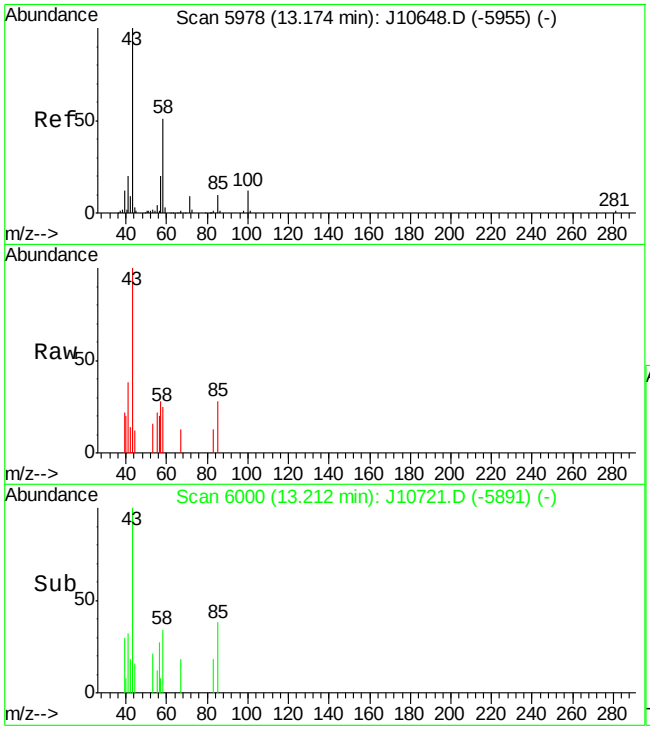


#46
TOLUENE
Concen: 0.83 PPBV
RT: 12.88 min Scan# 5815
Delta R.T. -0.01 min
Lab File: J10721.D
Acq: 21 Jun 2007 5:33 pm

Tgt Ion: 92 Resp: 46892

Ion	Ratio	Lower	Upper
92	100		
91	168.0	145.7	185.7
65	20.3	0.0	38.9

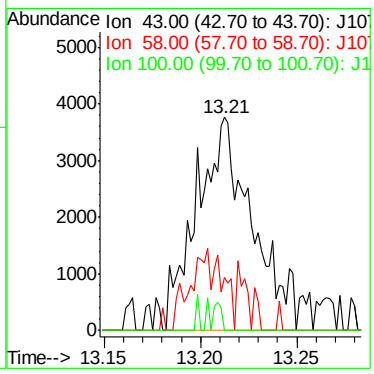


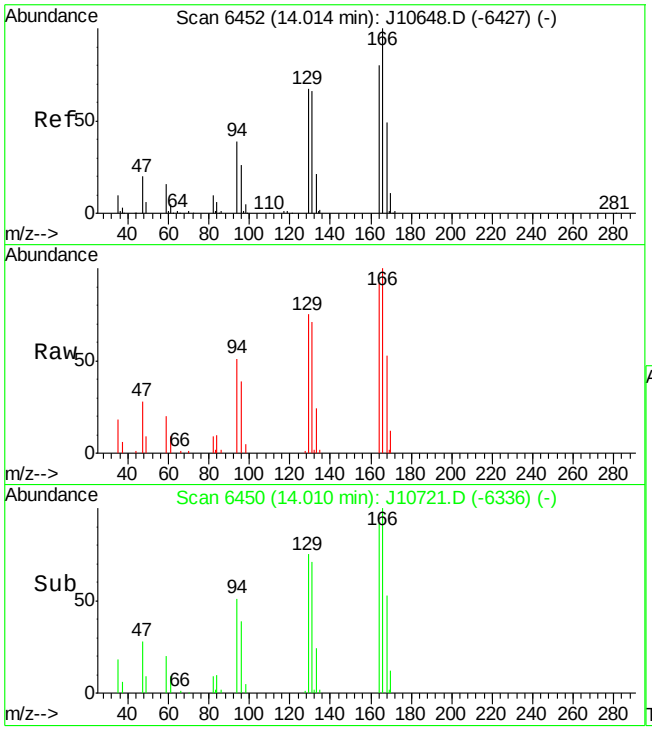


#50
2-HEXANONE
Concen: 0.18 PPBV m
RT: 13.21 min Scan# 6000
Delta R.T. 0.04 min
Lab File: J10721.D
Acq: 21 Jun 2007 5:33 pm

Tgt Ion: 43 Resp: 7514

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.5	72.5#
100	0.0	0.0	31.4

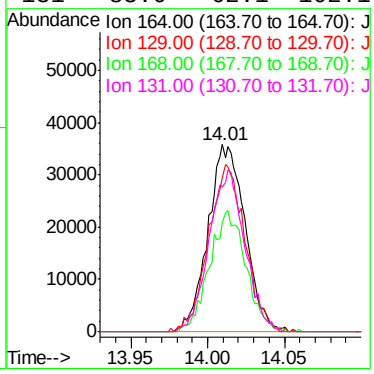




#51
TETRACHLOROETHYLENE
Concen: 1.02 PPBV
RT: 14.01 min Scan# 6450
Delta R.T. -0.00 min
Lab File: J10721.D
Acq: 21 Jun 2007 5:33 pm

Tgt Ion:164 Resp: 59896

Ion	Ratio	Lower	Upper
164	100		
129	88.0	65.6	105.6
168	62.8	42.7	82.7
131	83.0	62.1	102.1



Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10752.D
Acq On : 23 Jun 2007 5:27 am
Operator : danat
Sample : m65607-2dup (m157)
Misc : MS13799, MSJ556,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 25 09:38:24 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	300047	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1082647	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	911273	10.00	PPBV	-0.01

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	232512	4.11	PPBV	-0.01

Spiked Amount 5.000 Range 51 - 142 Recovery = 82.20%

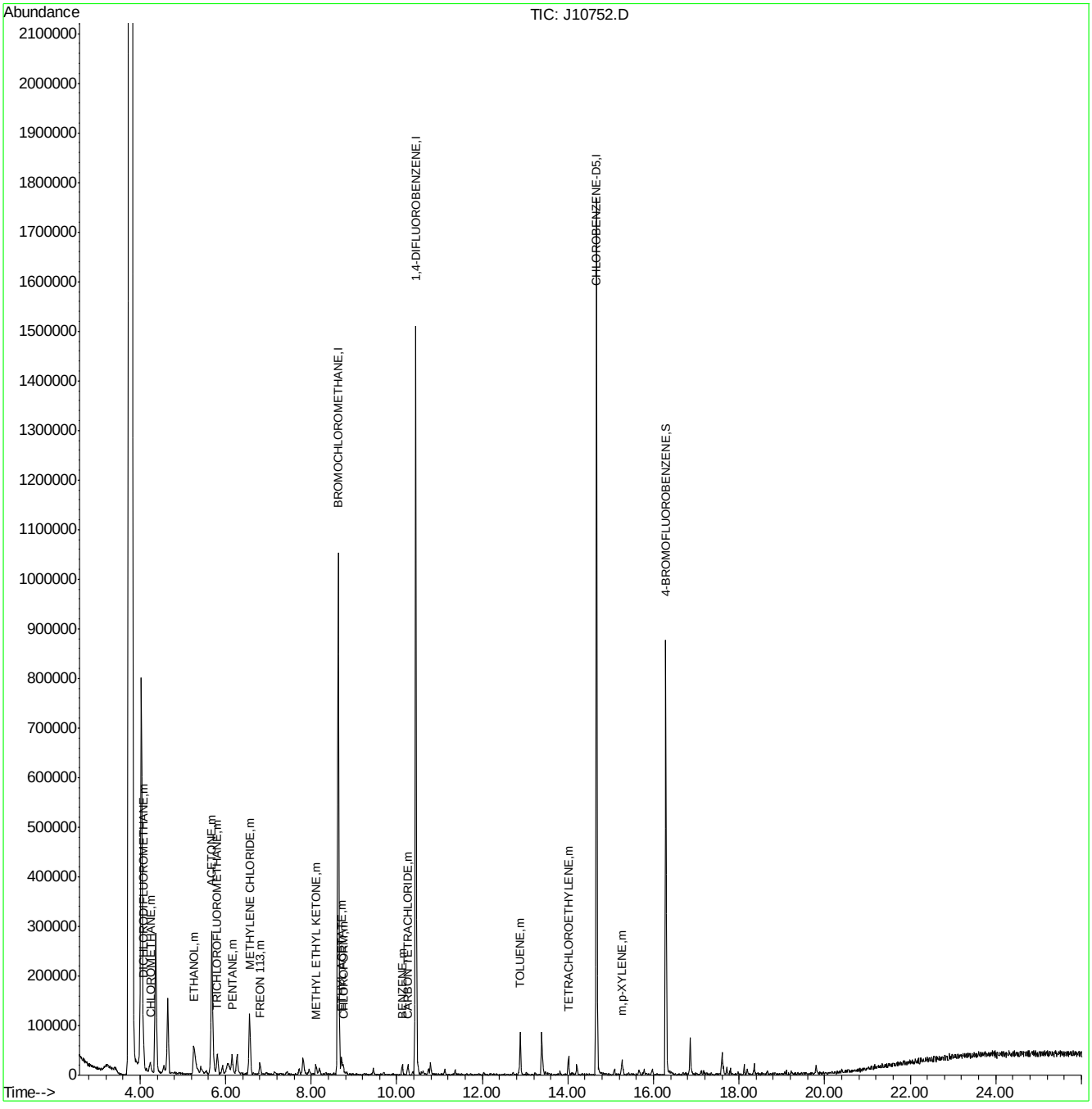
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.08	85	75146	0.78	PPBV	97
5) CHLOROMETHANE	4.23	50	24119	1.24	PPBV	80
10) TRICHLOROFLUOROMETHANE	5.80	101	40338	0.39	PPBV	97
12) ACETONE	5.67	43	397722	15.31	PPBV	95
13) PENTANE	6.15	42	16934	0.79	PPBV #	62
16) ETHANOL	5.26	45	112967	19.42	PPBV #	37
18) METHYLENE CHLORIDE	6.56	84	61382	1.88	PPBV	91
20) FREON 113	6.81	151	9448	0.14	PPBV	92
28) METHYL ETHYL KETONE	8.11	43	28299	0.74	PPBV	84
30) ETHYL ACETATE	8.71	43	37531	0.93	PPBV #	94
31) CHLOROFORM	8.75	83	11579	0.17	PPBV	96
33) CARBON TETRACHLORIDE	10.27	117	12623	0.13	PPBV	97
36) BENZENE	10.13	78	16557	0.28	PPBV #	65
46) TOLUENE	12.89	92	30812	0.81	PPBV	96
51) TETRACHLOROETHYLENE	14.01	164	8301	0.23	PPBV	98
56) m,p-XYLENE	15.27	106	9556	0.33	PPBV	77

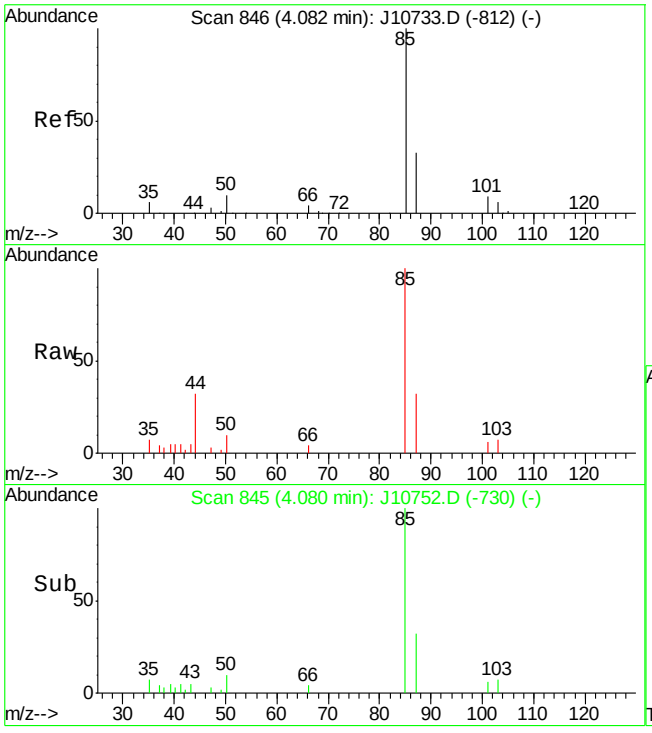
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10752.D
Acq On : 23 Jun 2007 5:27 am
Operator : danat
Sample : m65607-2dup (m157)
Misc : MS13799, MSJ556,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 25 09:38:24 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration

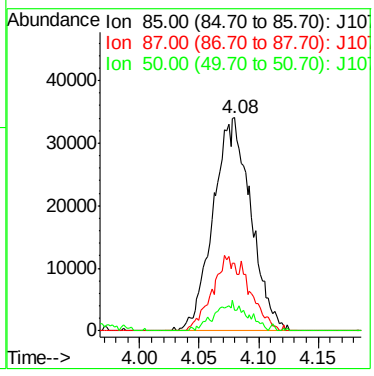


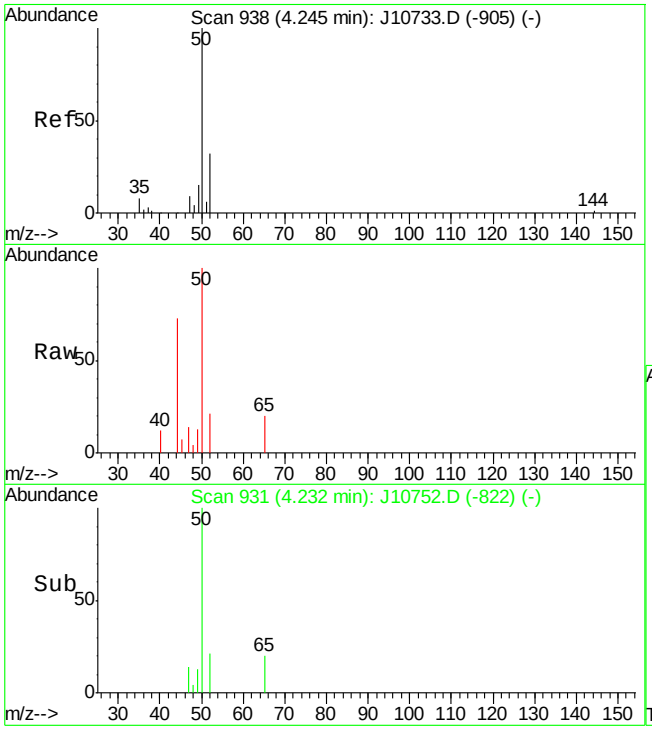


#2
DICHLORODIFLUOROMETHANE
Concen: 0.78 PPBV
RT: 4.08 min Scan# 845
Delta R.T. -0.00 min
Lab File: J10752.D
Acq: 23 Jun 2007 5:27 am

Tgt Ion: 85 Resp: 75146

Ion	Ratio	Lower	Upper
85	100		
87	34.0	12.5	52.5
50	12.0	0.0	31.1

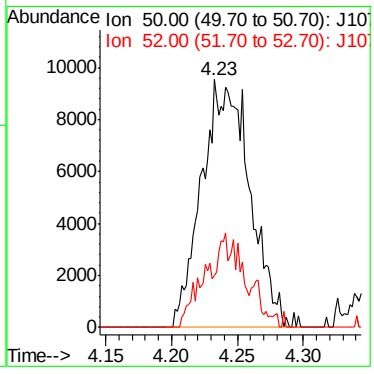


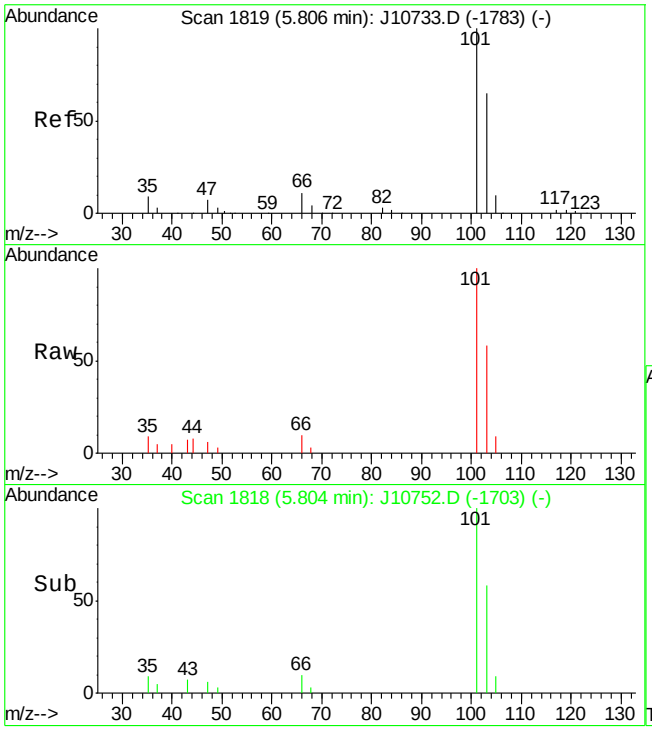


#5
CHLOROMETHANE
Concen: 1.24 PPBV
RT: 4.23 min Scan# 931
Delta R.T. -0.01 min
Lab File: J10752.D
Acq: 23 Jun 2007 5:27 am

Tgt Ion: 50 Resp: 24119

Ion	Ratio	Lower	Upper
50	100		
52	20.8	11.7	51.7

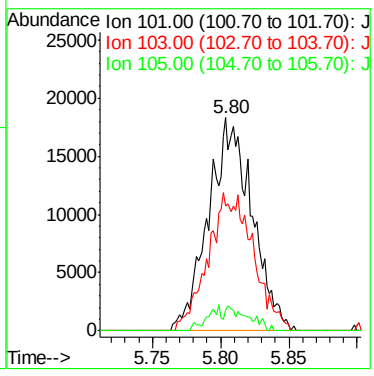


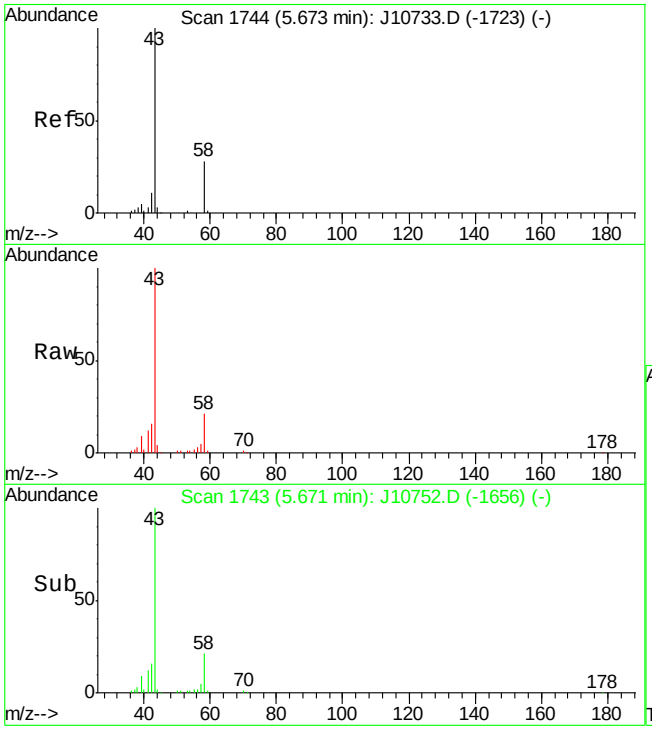


#10
TRICHLOROFLUOROMETHANE
Concen: 0.39 PPBV
RT: 5.80 min Scan# 1818
Delta R.T. -0.00 min
Lab File: J10752.D
Acq: 23 Jun 2007 5:27 am

Tgt Ion:101 Resp: 40338

Ion	Ratio	Lower	Upper
101	100		
103	67.1	45.8	85.8
105	5.9	0.0	30.5

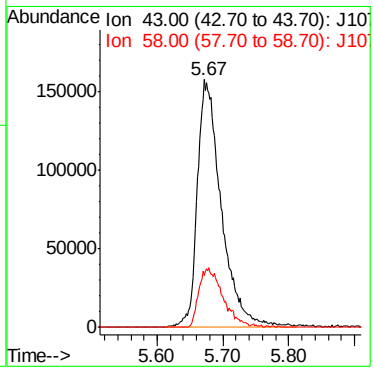


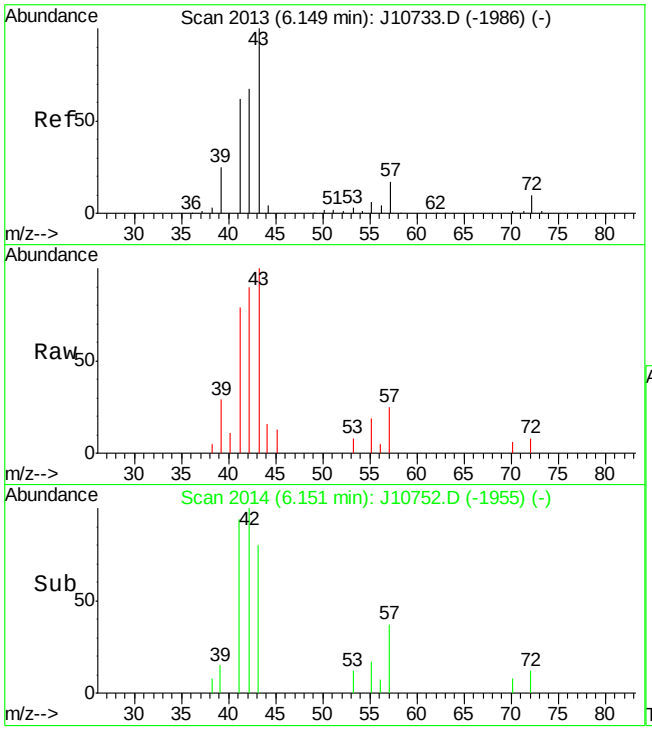


#12
ACETONE
Concen: 15.31 PPBV
RT: 5.67 min Scan# 1743
Delta R.T. -0.00 min
Lab File: J10752.D
Acq: 23 Jun 2007 5:27 am

Tgt Ion: 43 Resp: 397722

Ion	Ratio	Lower	Upper
43	100		
58	24.0	6.6	46.6

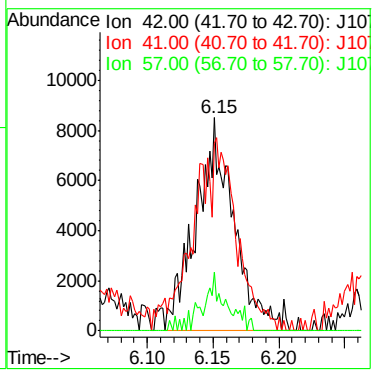


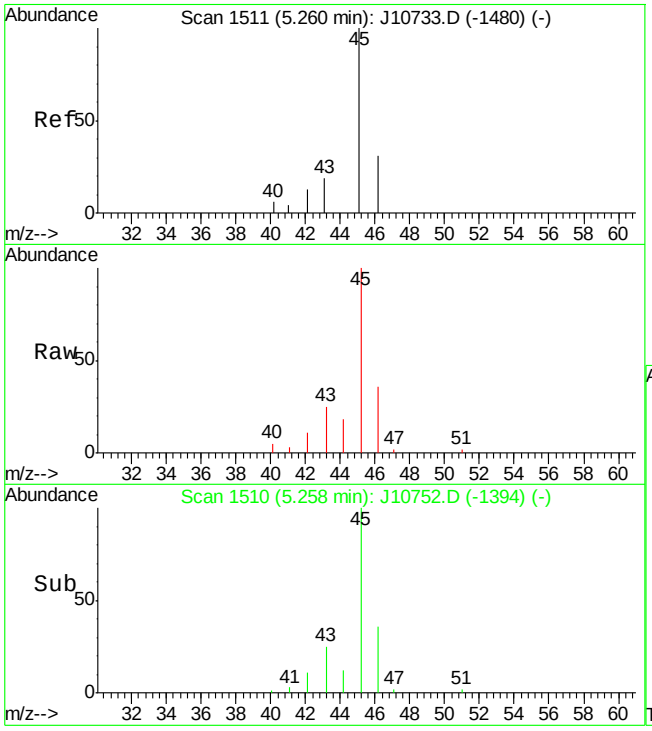


#13
PENTANE
Concen: 0.79 PPBV
RT: 6.15 min Scan# 2014
Delta R.T. 0.00 min
Lab File: J10752.D
Acq: 23 Jun 2007 5:27 am

Tgt Ion: 42 Resp: 16934

Ion	Ratio	Lower	Upper
42	100		
41	55.3	78.5	118.5#
57	17.6	5.9	45.9

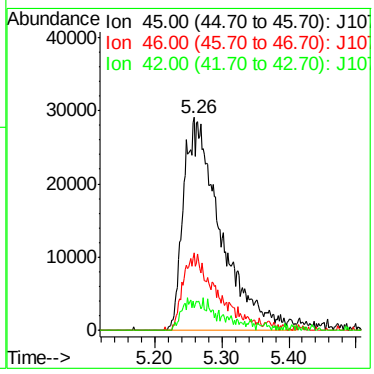


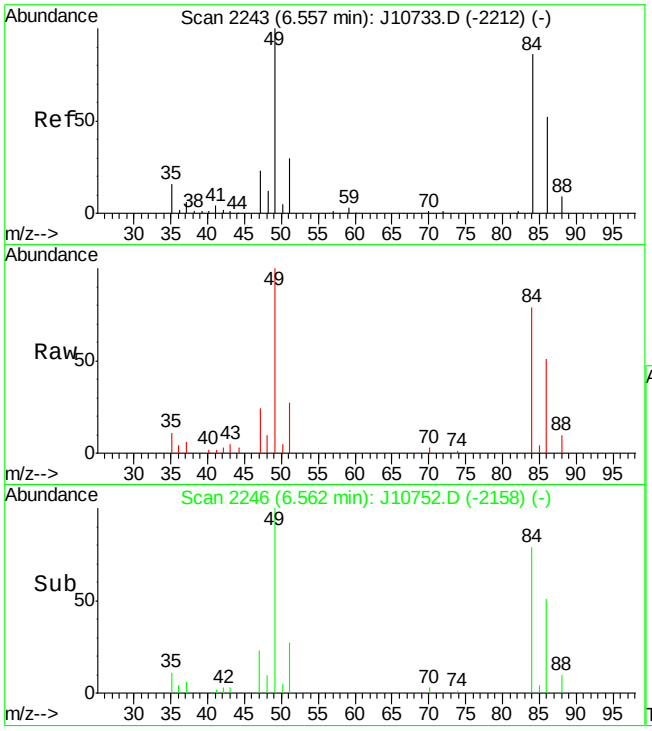


#16
ETHANOL
Concen: 19.42 PPBV
RT: 5.26 min Scan# 1510
Delta R.T. -0.00 min
Lab File: J10752.D
Acq: 23 Jun 2007 5:27 am

Tgt Ion: 45 Resp: 112967

Ion	Ratio	Lower	Upper
45	100		
46	32.7	0.0	26.5#
42	13.6	0.0	22.8

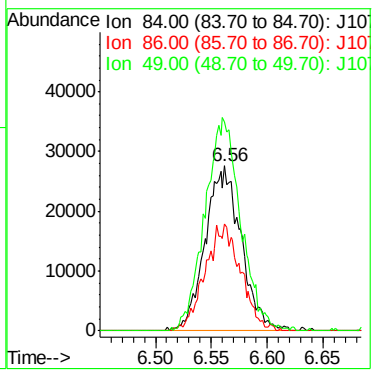


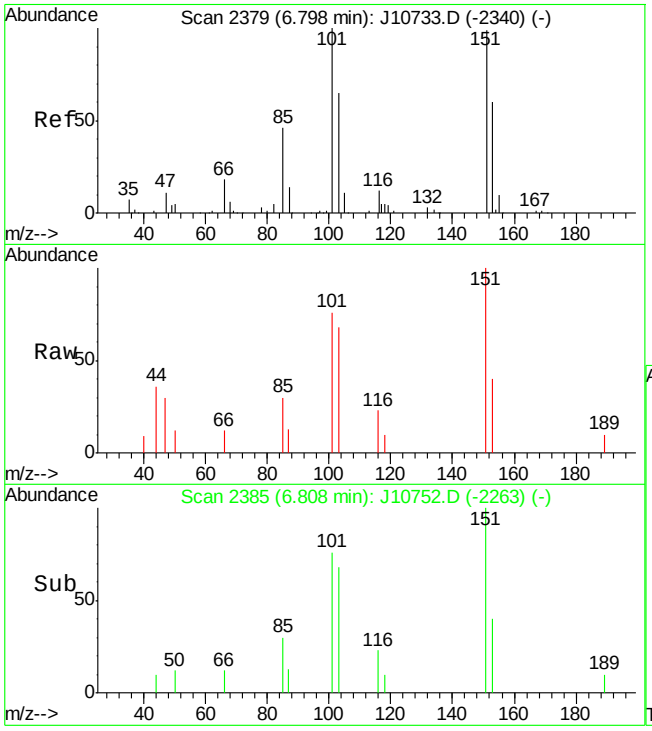


#18
METHYLENE CHLORIDE
Concen: 1.88 PPBV
RT: 6.56 min Scan# 2246
Delta R.T. 0.01 min
Lab File: J10752.D
Acq: 23 Jun 2007 5:27 am

Tgt Ion: 84 Resp: 61382

Ion	Ratio	Lower	Upper
84	100		
86	64.1	45.0	85.0
49	129.6	0.0	315.4

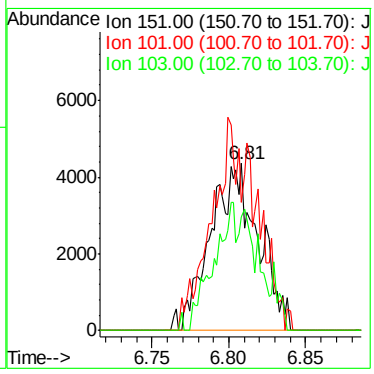


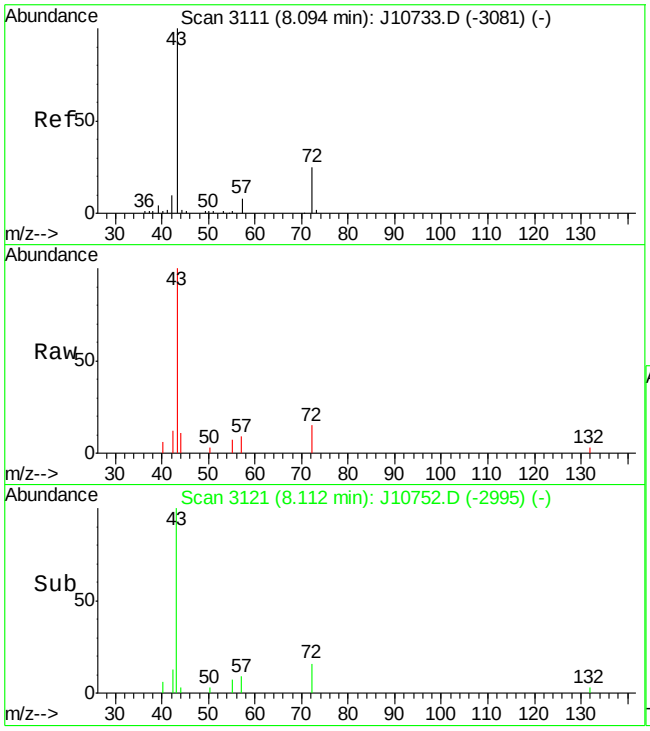


#20
FREON 113
Concen: 0.14 PPBV
RT: 6.81 min Scan# 2385
Delta R.T. 0.01 min
Lab File: J10752.D
Acq: 23 Jun 2007 5:27 am

Tgt Ion:151 Resp: 9448

Ion	Ratio	Lower	Upper
151	100		
101	116.2	84.4	124.4
103	70.6	48.4	88.4

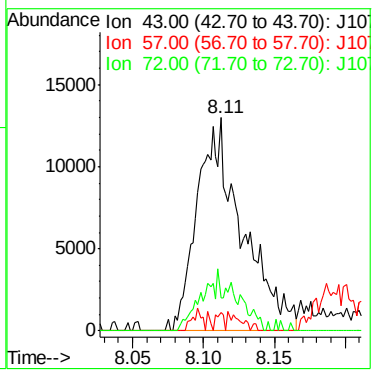


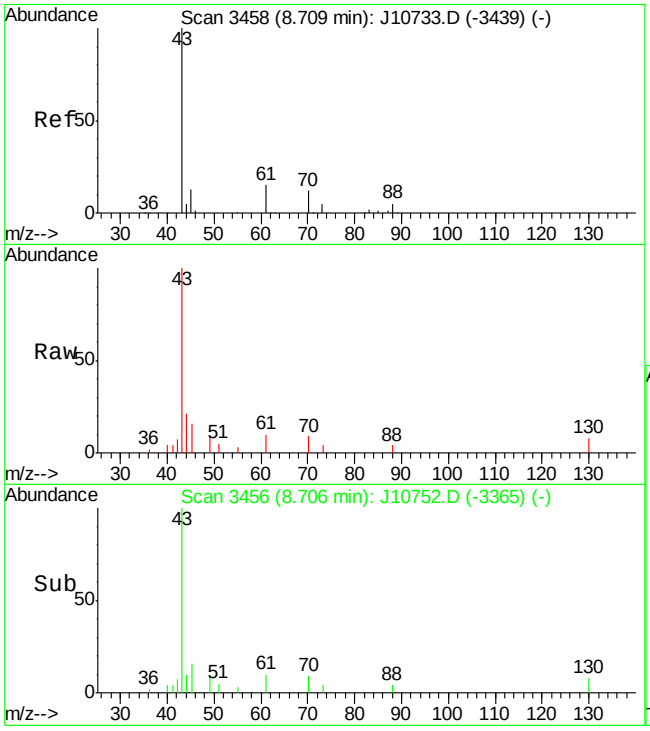


#28
METHYL ETHYL KETONE
Concen: 0.74 PPBV
RT: 8.11 min Scan# 3121
Delta R.T. 0.02 min
Lab File: J10752.D
Acq: 23 Jun 2007 5:27 am

Tgt Ion: 43 Resp: 28299

Ion	Ratio	Lower	Upper
43	100		
57	8.7	0.0	27.5
72	15.2	4.8	44.8

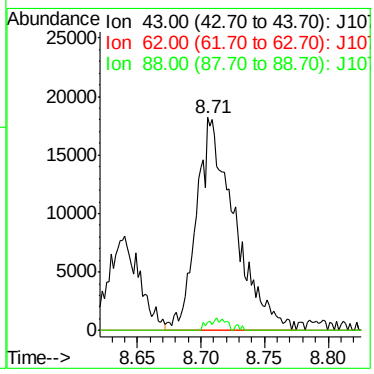


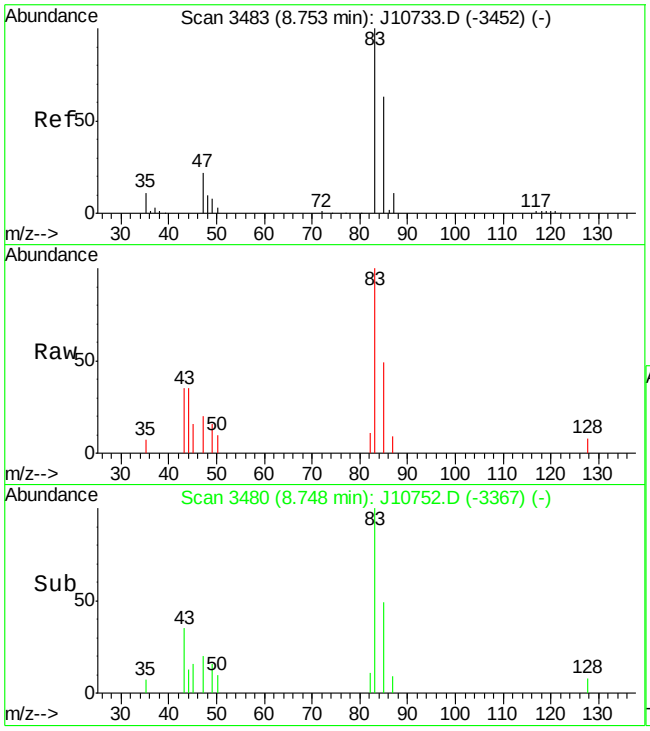


#30
ETHYL ACETATE
Concen: 0.93 PPBV
RT: 8.71 min Scan# 3456
Delta R.T. -0.00 min
Lab File: J10752.D
Acq: 23 Jun 2007 5:27 am

Tgt Ion: 43 Resp: 37531

Ion	Ratio	Lower	Upper
43	100		
62	0.0	0.0	20.2
88	2.5	0.0	24.7

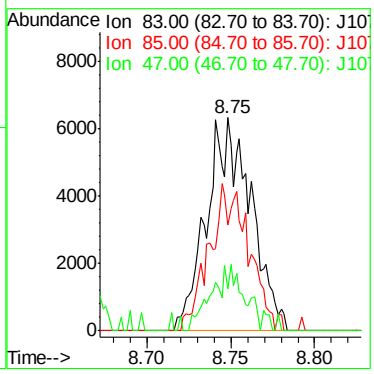


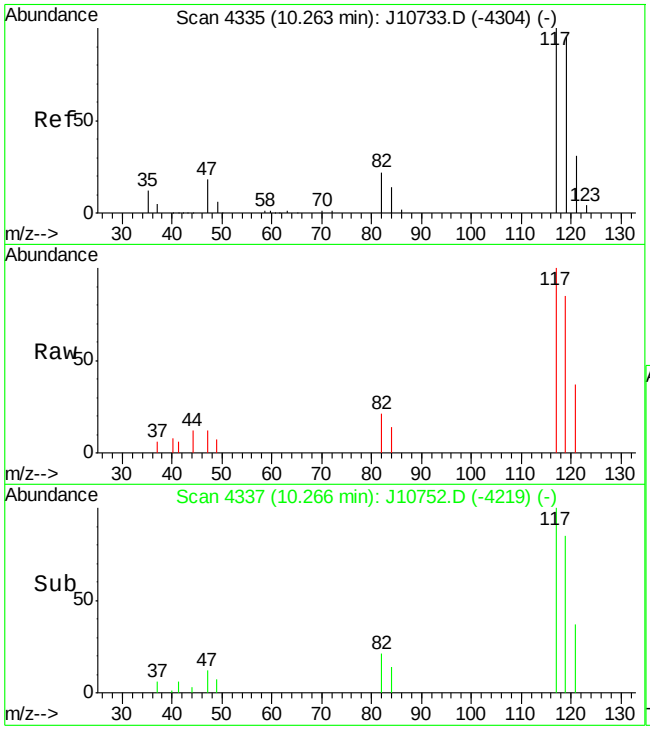


#31
CHLOROFORM
Concen: 0.17 PPBV
RT: 8.75 min Scan# 3480
Delta R.T. -0.01 min
Lab File: J10752.D
Acq: 23 Jun 2007 5:27 am

Tgt Ion: 83 Resp: 11579

Ion	Ratio	Lower	Upper
83	100		
85	62.0	45.3	85.3
47	24.3	3.2	43.2

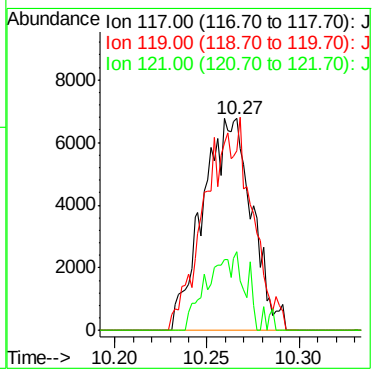


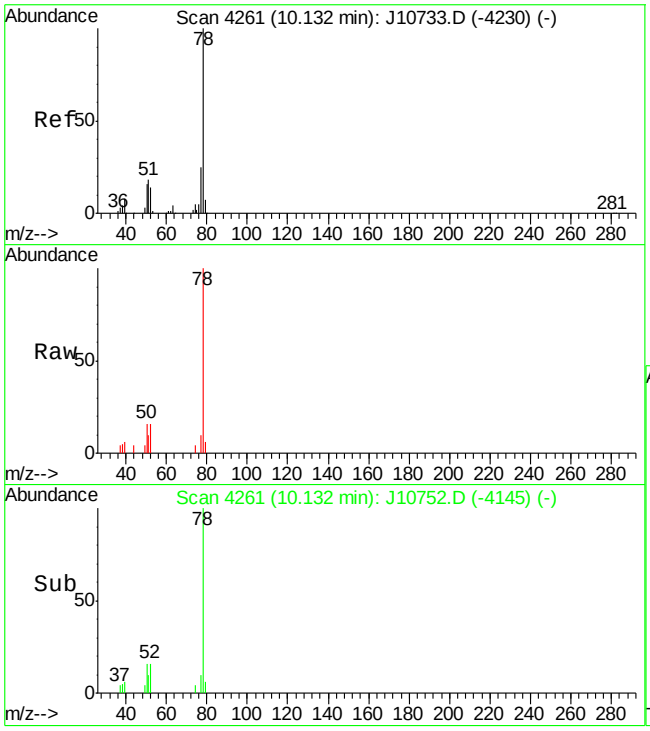


#33
CARBON TETRACHLORIDE
Concen: 0.13 PPBV
RT: 10.27 min Scan# 4337
Delta R.T. 0.00 min
Lab File: J10752.D
Acq: 23 Jun 2007 5:27 am

Tgt Ion:117 Resp: 12623

Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.2	117.2
121	29.5	11.1	51.1

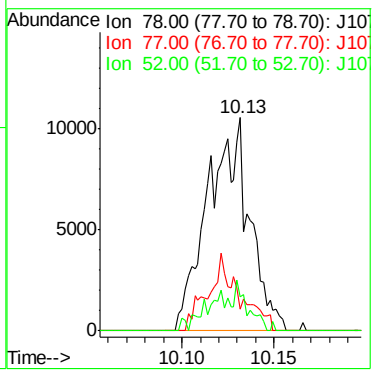


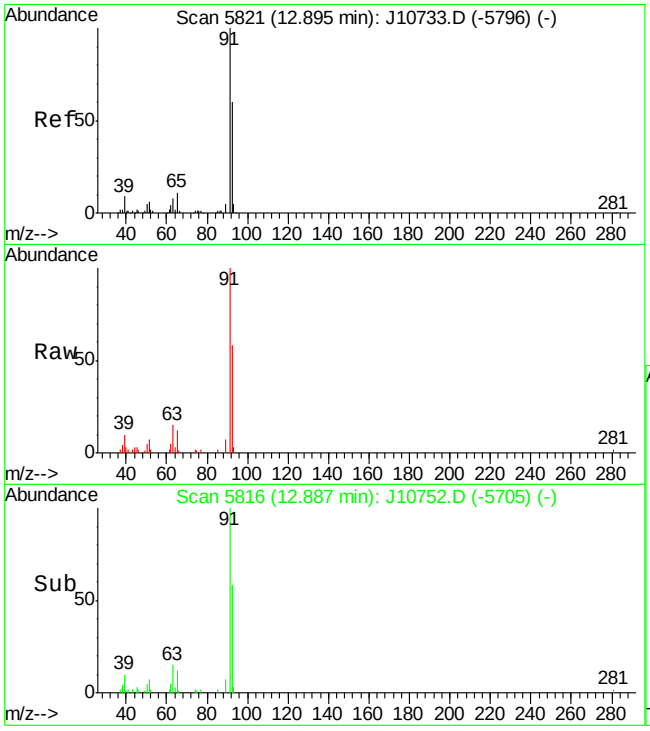


#36
BENZENE
Concen: 0.28 PPBV
RT: 10.13 min Scan# 4261
Delta R.T. 0.00 min
Lab File: J10752.D
Acq: 23 Jun 2007 5:27 am

Tgt Ion: 78 Resp: 16557

Ion	Ratio	Lower	Upper
78	100		
77	0.0	4.4	44.4#
52	9.6	0.0	34.7

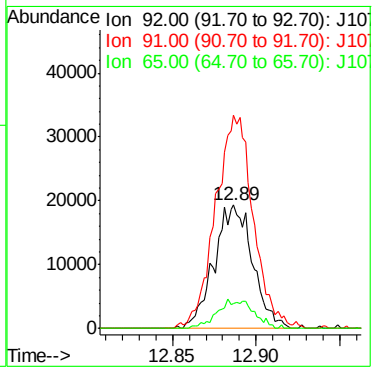


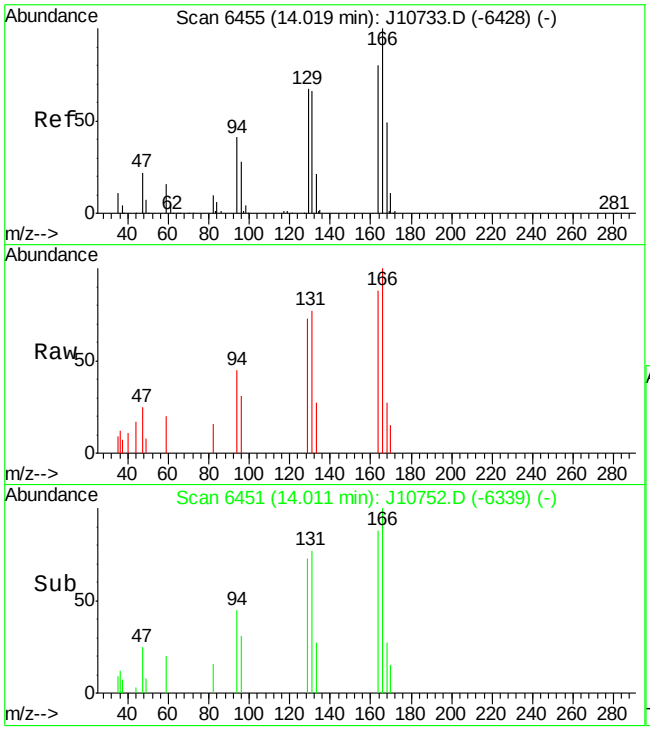


#46
TOLUENE
Concen: 0.81 PPBV
RT: 12.89 min Scan# 5816
Delta R.T. -0.01 min
Lab File: J10752.D
Acq: 23 Jun 2007 5:27 am

Tgt Ion: 92 Resp: 30812

Ion	Ratio	Lower	Upper
92	100		
91	170.5	146.2	186.2
65	22.2	0.0	38.9

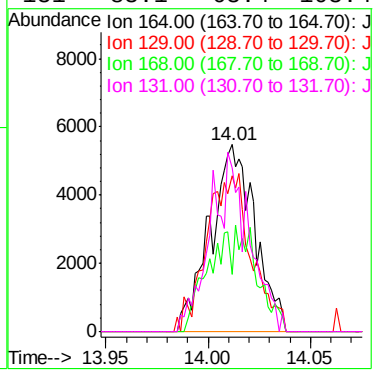


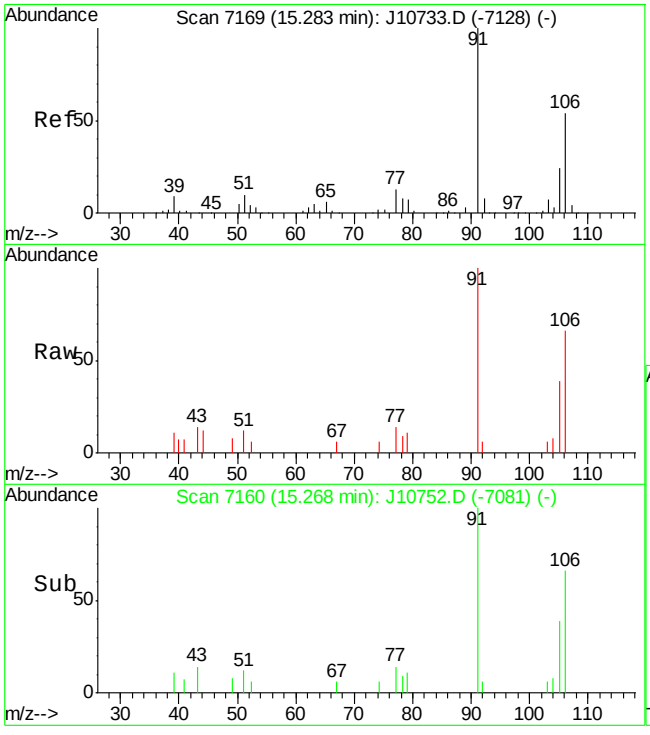


#51
TETRACHLOROETHYLENE
Concen: 0.23 PPBV
RT: 14.01 min Scan# 6451
Delta R.T. -0.01 min
Lab File: J10752.D
Acq: 23 Jun 2007 5:27 am

Tgt Ion:164 Resp: 8301

Ion	Ratio	Lower	Upper
164	100		
129	84.4	67.5	107.5
168	58.9	42.1	82.1
131	83.1	63.4	103.4

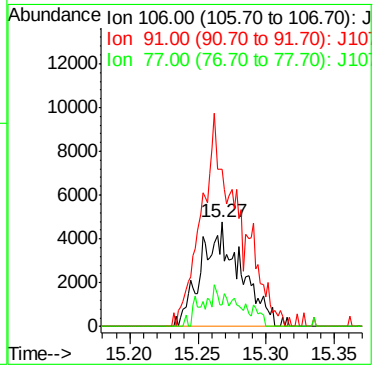




#56
m,p-XYLENE
Concen: 0.33 PPBV
RT: 15.27 min Scan# 7160
Delta R.T. -0.02 min
Lab File: J10752.D
Acq: 23 Jun 2007 5:27 am

Tgt Ion:106 Resp: 9556

Ion	Ratio	Lower	Upper
106	100		
91	151.0	149.3	223.9
77	21.0	19.8	29.8



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3409.D
Acq On : 16 May 2007 11:02 pm
Operator : PhilipB
Sample : M64897- 5 (M157)
Misc : MS13579,MSQ186,,,,,1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 17 11:17:00 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.419	128	72745	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.343	114	334257	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	302397	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.334	95	106690	4.11	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 82.20%

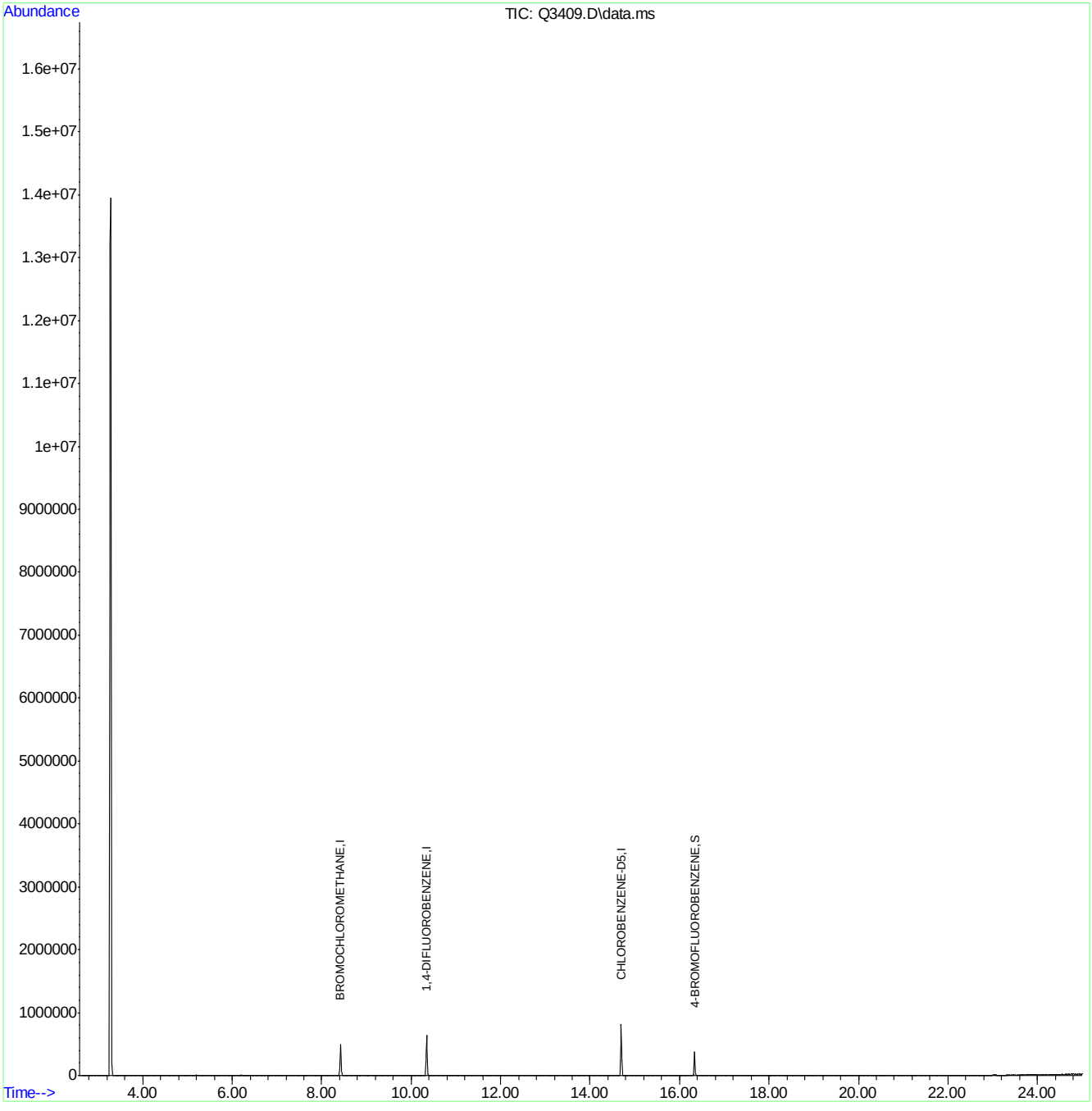
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3409.D
Acq On : 16 May 2007 11:02 pm
Operator : PhilipB
Sample : M64897- 5 (M157)
Misc : MS13579,MSQ186,,,,,1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 17 11:17:00 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3633A.D
Acq On : 6 Jun 2007 4:10 pm
Operator : PhilipB
Sample : Cert-01 (M026)
Misc : MS13699, MSQ198,,,,,1
ALS Vial : 5 Sample Multiplier: 1

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

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

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.334	95	73899	4.23	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 84.60%

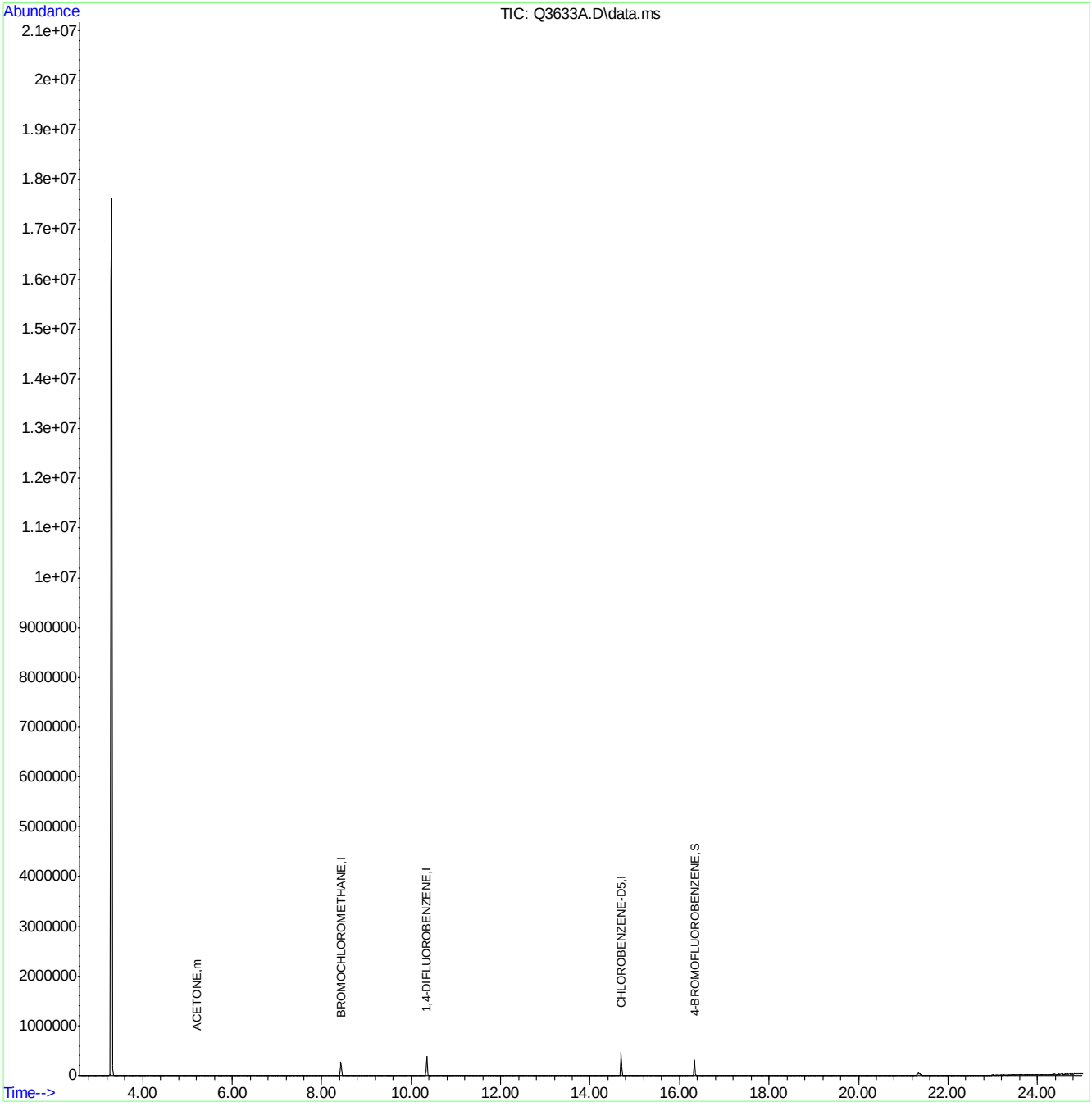
Target Compounds						Qvalue
12) ACETONE	5.221	43	6446	0.26	PPBV	94

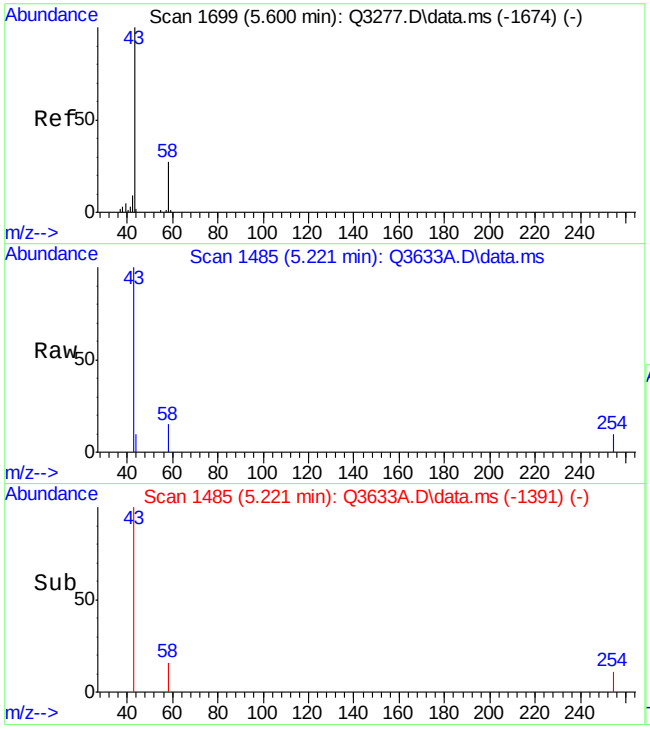
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3633A.D
Acq On : 6 Jun 2007 4:10 pm
Operator : PhilipB
Sample : Cert-01 (M026)
Misc : MS13699, MSQ198,,,,,1
ALS Vial : 5 Sample Multiplier: 1

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

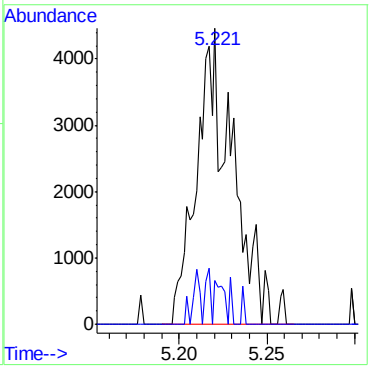




#12
ACETONE
Concen: 0.26 PPBV
RT: 5.221 min Scan# 1485
Delta R.T. 0.012 min
Lab File: Q3633A.D
Acq: 6 Jun 2007 4:10 pm

Tgt Ion: 43 Resp: 6446

Ion	Ratio	Lower	Upper
43	100		
58	6.0	0.0	20.3



6.5.2

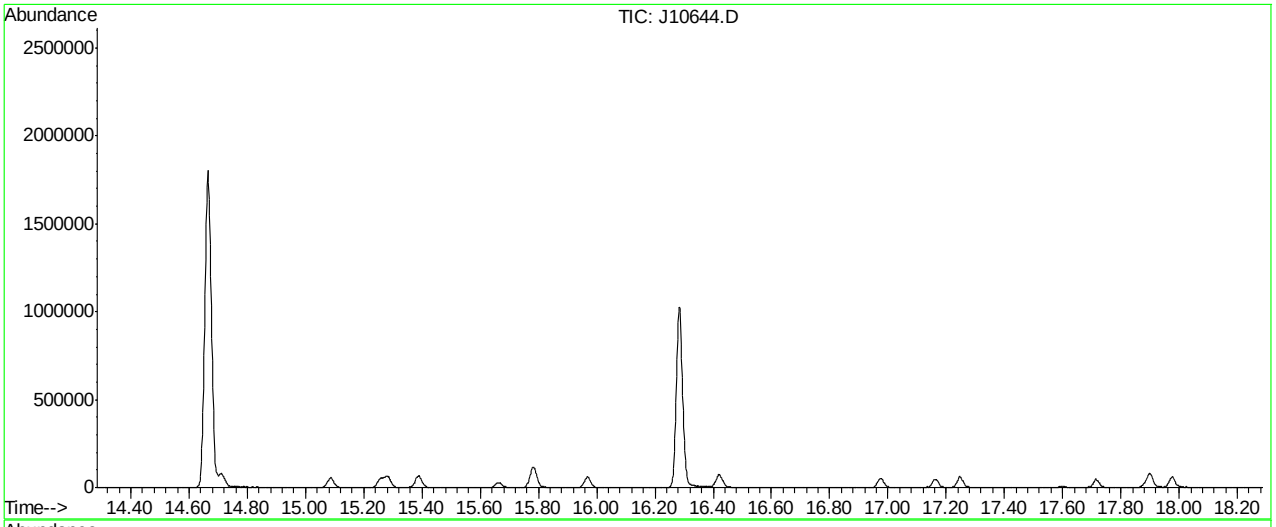
6

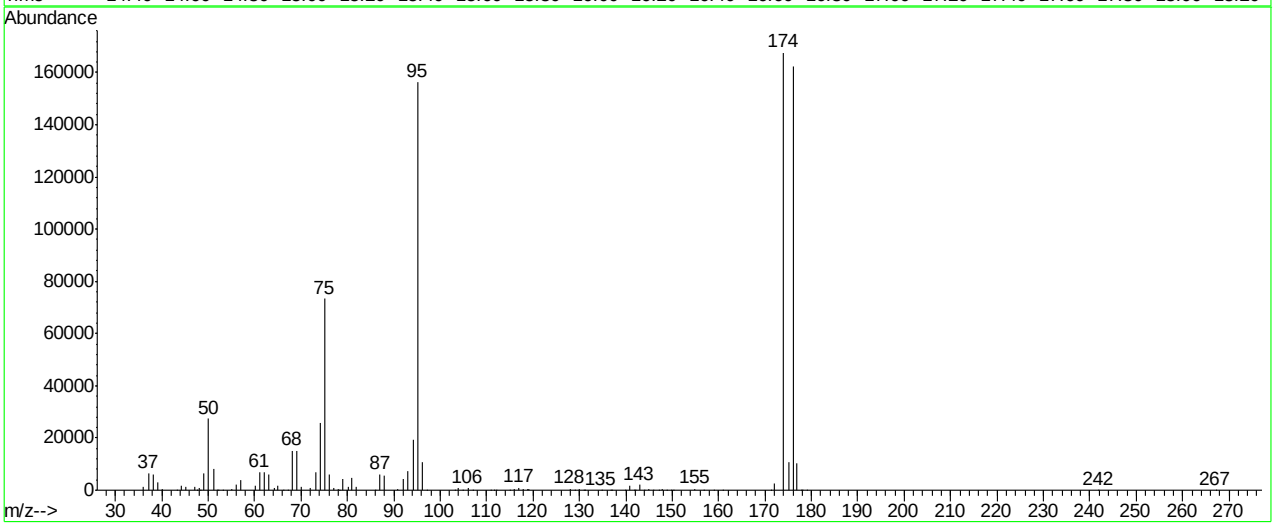
BFB

Data File : C:\MSDCHEM\1\DATA\J10644.D
Acq On : 14 Jun 2007 12:15 pm
Sample : ic552-0.5 (m140)
Misc : MS13724, MSJ552,,,,,1
MS Integration Params: LSCINT.P

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

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.274 to 16.295 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	17.5	27324	PASS
75	95	30	66	46.8	73264	PASS
95	95	100	100	100.0	156390	PASS
96	95	5	9	6.9	10795	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	107.2	167689	PASS
175	174	4	9	6.4	10736	PASS
176	174	93	101	96.9	162433	PASS
177	176	5	9	6.5	10525	PASS

J10644.D J061407T.M Sat Jun 16 14:03:41 2007

Average of 16.274 to 16.295 min.: J10644.D
ic552-0.5 (m140)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	1449	48.30	128	61.10	6923	73.15	6991
37.15	6523	49.15	6259	62.15	6918	74.10	25783
38.15	5889	50.10	27324	63.15	5967	75.10	73264
39.15	2892	51.15	7972	64.15	824	76.10	6227
40.10	458	52.00	36	65.10	1546	77.10	865
43.20	36	52.15	185	66.30	34	78.10	313
44.10	1775	53.10	106	67.10	97	78.30	75
45.15	1292	55.10	393	68.10	15131	79.00	4475
47.10	1274	56.15	2269	69.10	15058	80.10	1490
47.60	50	57.10	3888	70.10	1142	81.00	4628
48.10	839	60.10	1549	72.05	687	81.95	1198

Average of 16.274 to 16.295 min.: J10644.D
ic552-0.5 (m140)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
86.10	66	103.90	707	118.90	514	140.95	1777
87.05	6172	104.95	99	119.05	536	141.90	39
88.05	5662	105.95	787	127.95	560	142.10	34
90.95	598	107.10	31	128.95	224	142.95	2132
92.05	4300	110.80	30	129.95	486	143.90	40
93.10	7231	111.60	31	130.90	32	145.00	251
94.15	19349	112.15	66	131.10	50	145.90	67
95.10	156390	115.10	32	134.80	176	147.05	64
96.10	10795	115.95	597	136.80	43	147.90	406
97.05	160	116.95	998	137.00	89	148.90	34
103.10	35	117.95	656	139.90	34	149.90	107

Average of 16.274 to 16.295 min.: J10644.D
ic552-0.5 (m140)

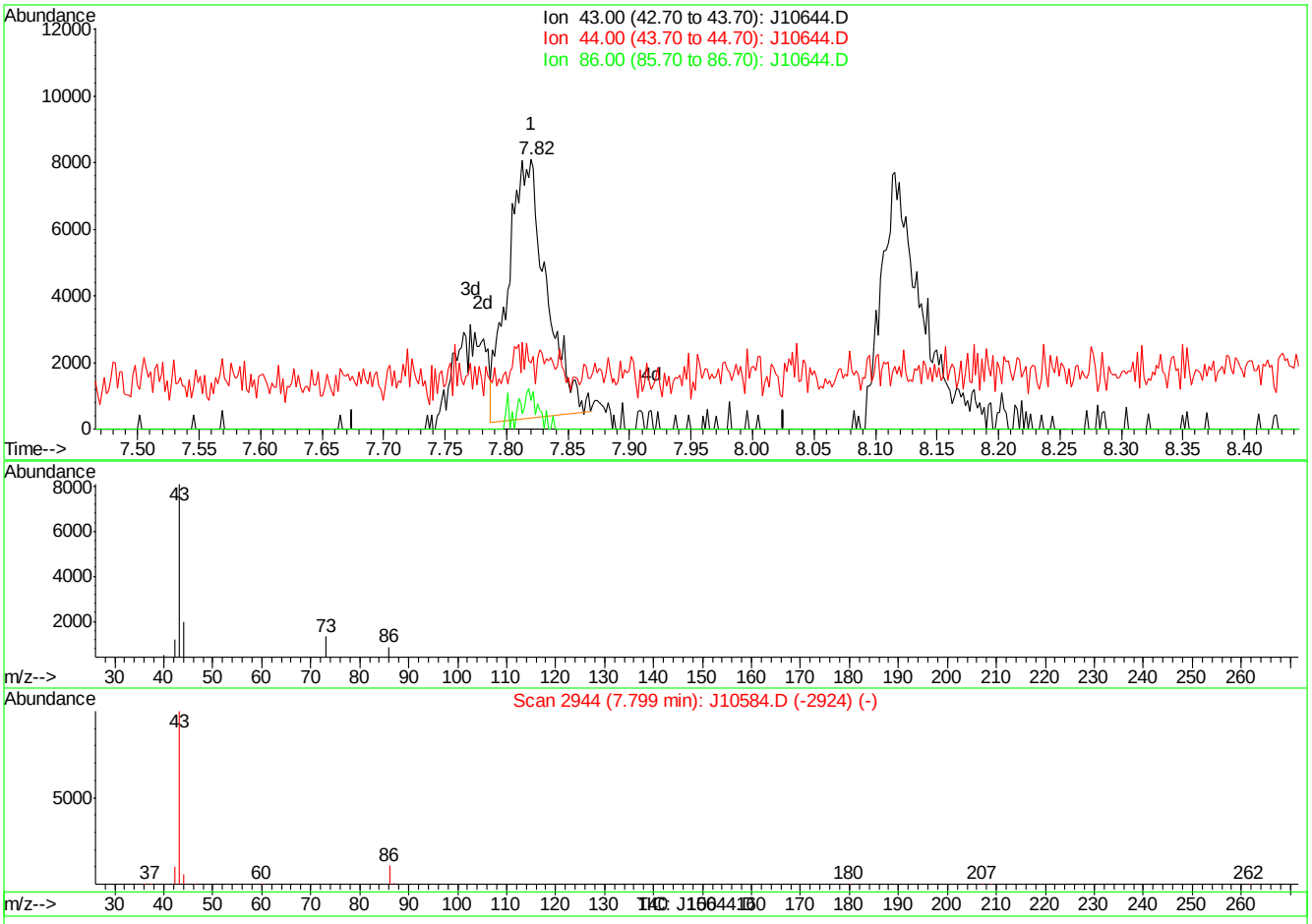
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
150.20	33	177.90	119				
154.95	479	178.10	32				
156.90	72	179.10	33				
159.00	31	241.90	33				
160.95	82	267.10	35				
171.20	32						
171.95	2615						
174.00	167689						
175.05	10736						
176.00	162433						
176.95	10525						

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10644.D Vial: 1
Acq On : 14 Jun 2007 12:15 pm Operator: danat
Sample : ic552-0.5 (m140) Inst : MSJ
Misc : MS13724, MSJ552,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 14 13:48:34 2007 Results File: J061407T.RES

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 14 13:48:21 2007
Response via : Multiple Level Calibration



(26) VINYL ACETATE (m)

7.82min 0.38PPBV

response 17001

Ion	Exp%	Act%
43.00	100	100
44.00	6.90	6.09
86.00	8.90	6.45
0.00	0.00	0.00

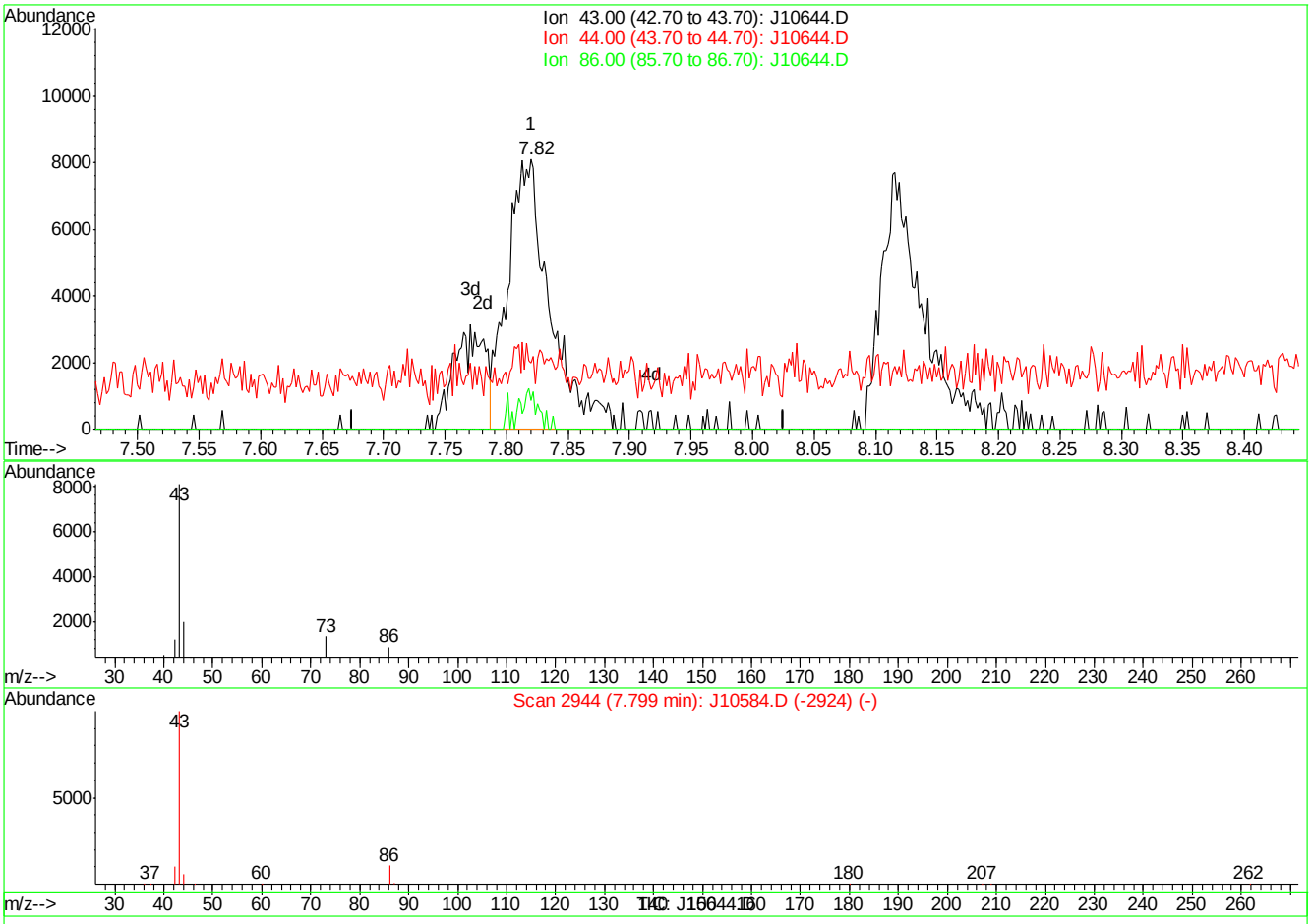
J10644.D J061407T.M Thu Jun 14 13:49:31 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10644.D Vial: 1
Acq On : 14 Jun 2007 12:15 pm Operator: danat
Sample : ic552-0.5 (m140) Inst : MSJ
Misc : MS13724, MSJ552,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 14 13:48:34 2007 Results File: J061407T.RES

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 14 13:48:21 2007
Response via : Multiple Level Calibration



(26) VINYL ACETATE (m)

7.82min 0.44PPBV m

response 19526

Ion	Exp%	Act%
43.00	100	100
44.00	6.90	5.31
86.00	8.90	5.61
0.00	0.00	0.00

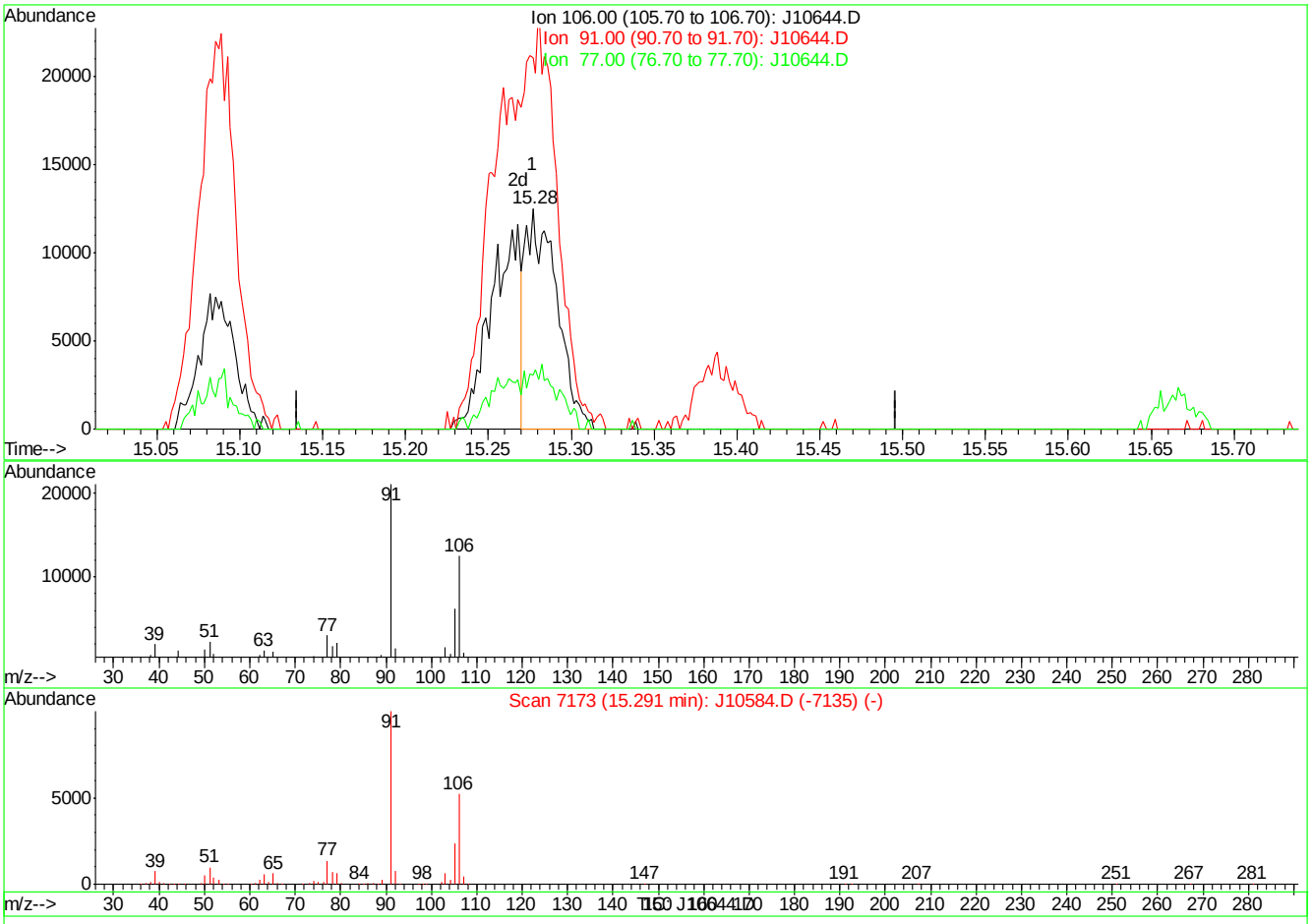
J10644.D J061407T.M Thu Jun 14 13:49:39 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10644.D Vial: 1
Acq On : 14 Jun 2007 12:15 pm Operator: danat
Sample : ic552-0.5 (m140) Inst : MSJ
Misc : MS13724, MSJ552,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 14 13:48:34 2007 Results File: J061407T.RES

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 14 13:48:21 2007
Response via : Multiple Level Calibration



(56) m,p-XYLENE (m)

15.28min 0.46PPBV

response 16455

Ion	Exp%	Act%
106.00	100	100
91.00	191.60	168.24
77.00	25.70	24.64
0.00	0.00	0.00

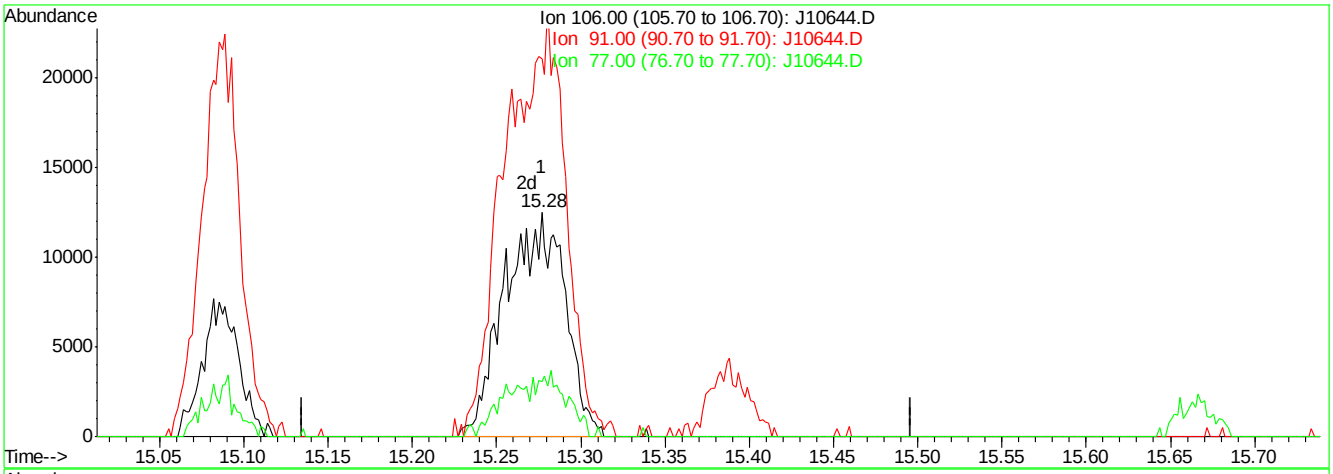
J10644.D J061407T.M Thu Jun 14 13:50:11 2007

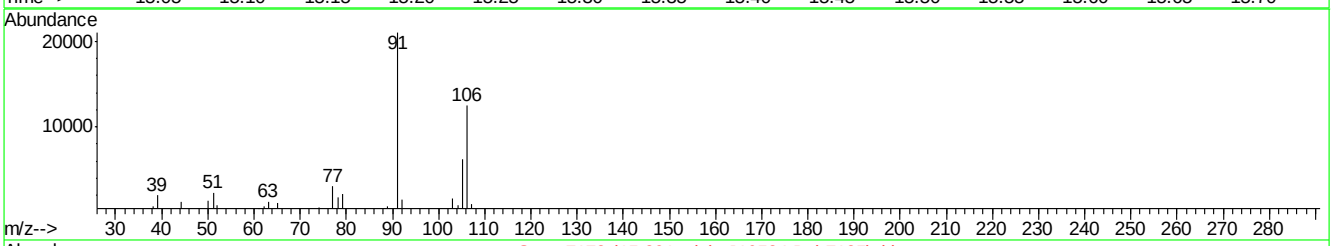
Quantitation Report (Qedit)

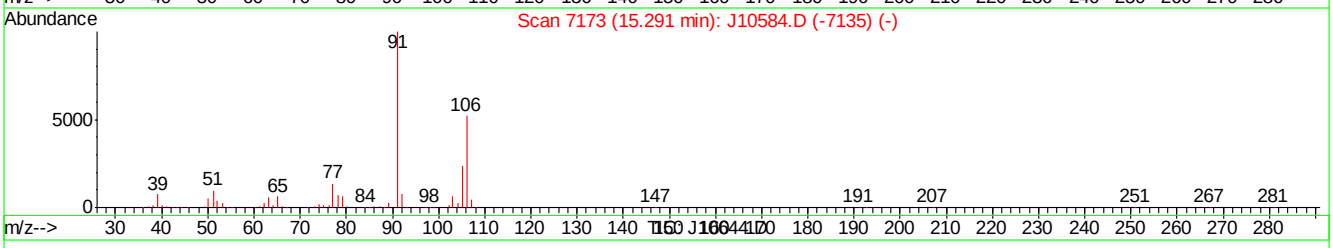
Data File : C:\MSDChem\1\data\J10644.D Vial: 1
Acq On : 14 Jun 2007 12:15 pm Operator: danat
Sample : ic552-0.5 (m140) Inst : MSJ
Misc : MS13724, MSJ552,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 14 13:48:34 2007 Results File: J061407T.RES

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 14 13:48:21 2007
Response via : Multiple Level Calibration







(56) m,p-XYLENE (m)

15.28min 0.86PPBV m

response 30767

Ion	Exp%	Act%
106.00	100	100
91.00	191.60	168.24
77.00	25.70	24.64
0.00	0.00	0.00

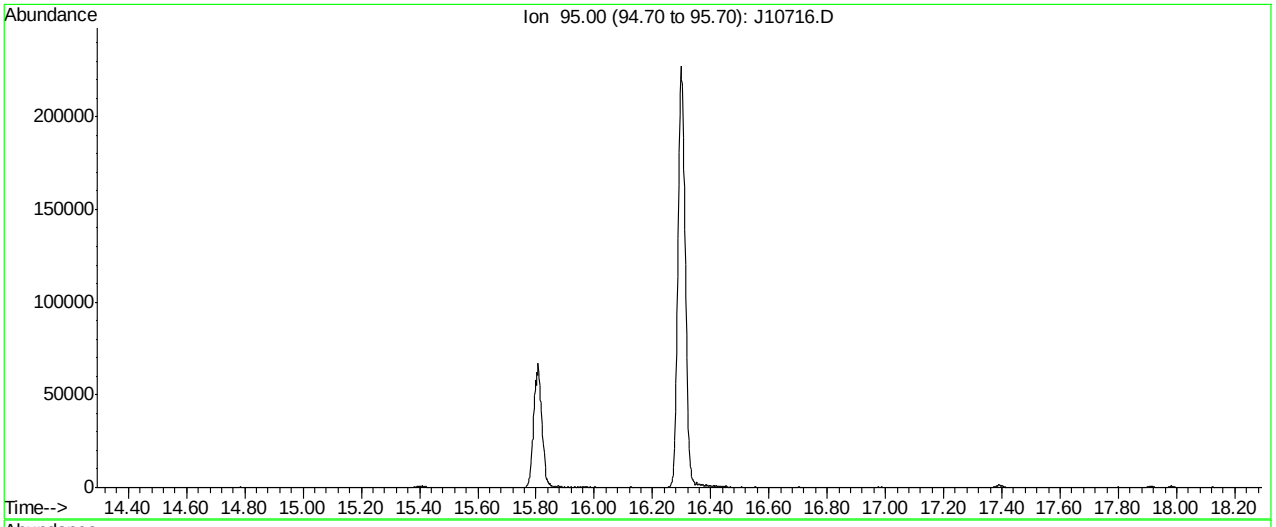
J10644.D J061407T.M Thu Jun 14 13:50:16 2007

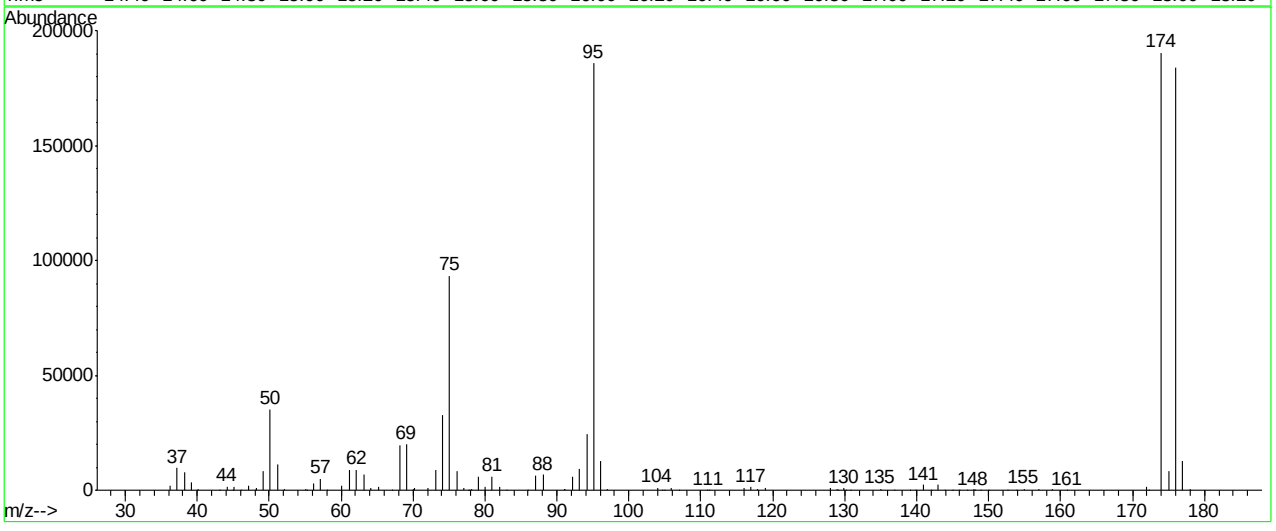
BFB

Data File : C:\MSDChem\1\data\J10716.D
Acq On : 21 Jun 2007 12:37 pm
Sample : cc552-10 (m045)
Misc : MS13762, MSJ555,,,,,1
MS Integration Params: LSCINT.P

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

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.286 to 16.300 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	18.9	35241	PASS
75	95	30	66	50.2	93497	PASS
95	95	100	100	100.0	186138	PASS
96	95	5	9	6.9	12824	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	102.4	190683	PASS
175	174	4	9	4.3	8148	PASS
176	174	93	101	96.6	184206	PASS
177	176	5	9	7.0	12911	PASS

J10716.D J061407T.M Fri Jun 22 09:36:02 2007

Average of 16.286 to 16.300 min.: J10716.D
cc552-10 (m045)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.15	2206	48.00	83	60.10	1917	72.10	952
37.20	9662	48.15	1103	61.10	8697	73.15	9045
38.20	7859	49.15	8100	62.15	9029	74.15	32962
39.15	3555	50.15	35241	63.15	7101	75.10	93497
40.10	551	51.15	11089	64.15	819	76.10	8130
43.05	167	52.10	495	65.15	1262	77.10	1230
44.10	1599	55.10	401	67.00	98	77.70	87
45.00	113	55.25	124	68.10	19440	77.90	66
45.15	1505	56.15	2807	69.10	20079	78.15	685
46.10	54	57.15	5033	70.00	415	79.00	5719
47.15	1829	58.05	143	70.15	1078	80.05	1714

Average of 16.286 to 16.300 min.: J10716.D
cc552-10 (m045)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
81.00	5884	95.10	186138	116.95	1415	139.10	47
82.00	1556	96.10	12824	117.95	726	139.90	115
83.00	61	97.00	440	118.95	1204	140.95	2418
85.90	52	104.00	1099	128.00	769	141.95	100
87.05	6390	104.70	61	128.90	376	143.00	2405
88.05	6672	104.95	130	129.10	65	143.90	49
91.00	526	105.95	1034	129.95	923	144.95	208
91.15	421	107.00	188	130.20	63	146.00	227
92.10	6061	110.90	48	130.85	217	147.05	141
93.15	9219	111.10	75	134.95	529	147.90	348
94.20	24488	115.95	804	136.95	163	148.05	182

Average of 16.286 to 16.300 min.: J10716.D
cc552-10 (m045)

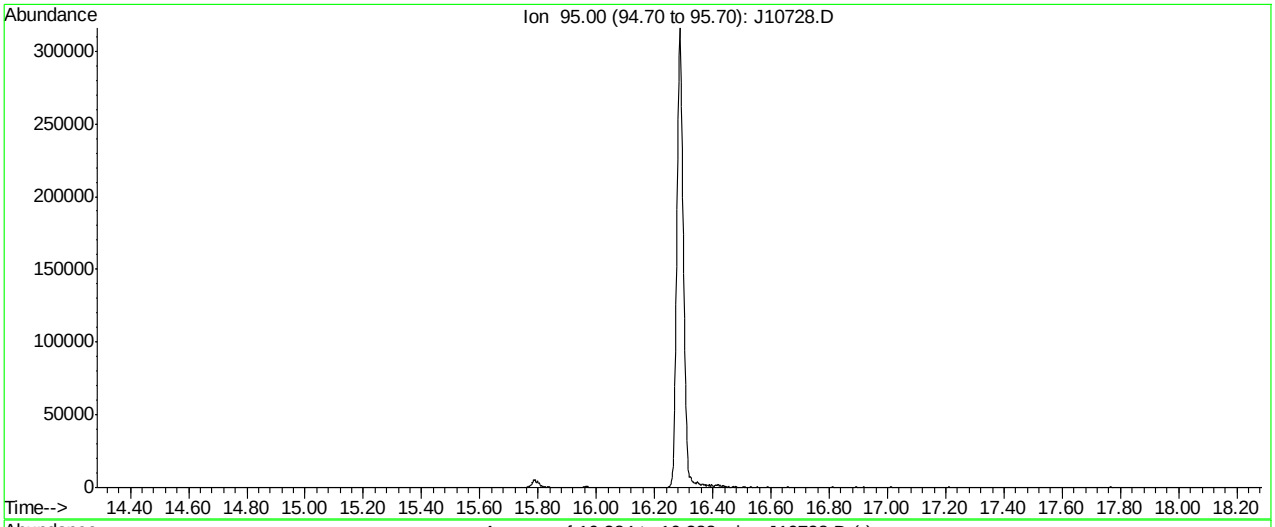
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
148.90	67	175.10	8148				
149.90	62	176.00	184206				
152.70	48	176.95	12911				
153.90	111	178.00	354				
154.90	508						
157.00	432						
158.85	299						
160.90	113						
171.95	1693						
172.20	263						
174.00	190683						

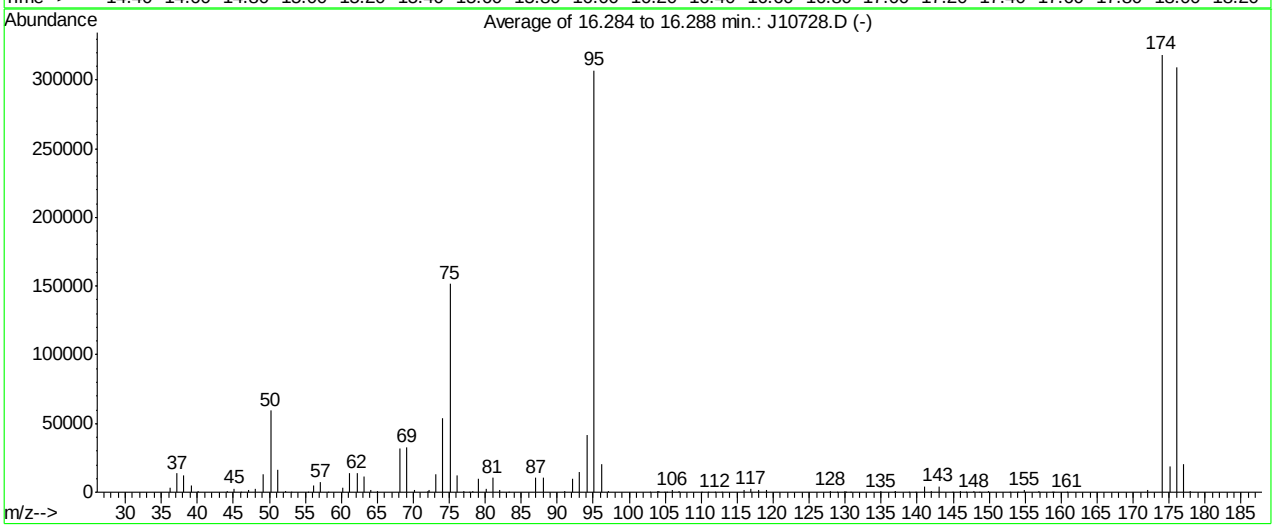
BFB

Data File : C:\MSDChem\1\data\J10728.D
Acq On : 22 Jun 2007 9:26 am
Sample : ic556-0.5 (m140)
Misc : MS13762, MSJ556,,,,,1
MS Integration Params: LSCINT.P

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

Method : C:\MSDCHEM\1\METHODS\J062207T.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	19.4	59480	PASS
75	95	30	66	49.4	151658	PASS
95	95	100	100	100.0	306880	PASS
96	95	5	9	6.6	20376	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	103.8	318656	PASS
175	174	4	9	5.9	18645	PASS
176	174	93	101	97.1	309397	PASS
177	176	5	9	6.5	20154	PASS

J10728.D J062207T.M Fri Jun 22 09:59:48 2007

Average of 16.284 to 16.288 min.: J10728.D
ic556-0.5 (m140)
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.15	3391	50.20	59480	63.15	11259	76.10	12591
37.20	13846	51.10	16039	64.10	1423	77.05	1103
38.15	12340	52.20	621	65.10	1169	77.75	395
39.15	4530	53.10	135	68.10	32074	78.20	682
40.15	828	55.30	334	69.10	32952	79.00	9547
44.10	1080	56.15	4958	70.10	1913	80.10	2808
45.15	2807	57.10	7735	72.00	488	81.05	10242
46.10	185	58.10	430	72.20	1729	82.05	1883
47.15	1832	60.15	3060	73.15	13241	83.20	220
48.10	2843	61.10	13793	74.10	54253	87.05	10593
49.20	13319	62.15	14072	75.10	151658	88.05	10528

Average of 16.284 to 16.288 min.: J10728.D
ic556-0.5 (m140)
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
91.00	939	105.20	205	127.95	1156	141.95	797
92.10	9788	106.00	1424	128.95	437	143.00	4495
93.10	14747	106.90	489	129.90	683	144.95	386
94.15	41794	110.10	246	130.10	235	145.95	572
95.10	306880	110.90	137	130.80	153	146.80	141
96.10	20376	111.95	335	135.00	676	147.90	729
97.05	646	112.90	135	136.80	234	148.70	173
102.80	139	116.00	1281	137.00	596	149.90	717
103.90	624	116.95	2159	138.90	247	152.90	155
104.05	1002	118.05	1350	139.80	154	153.90	194
104.95	397	119.00	1784	141.00	3887	154.95	1292

Average of 16.284 to 16.288 min.: J10728.D
ic556-0.5 (m140)
Modified:subtracted

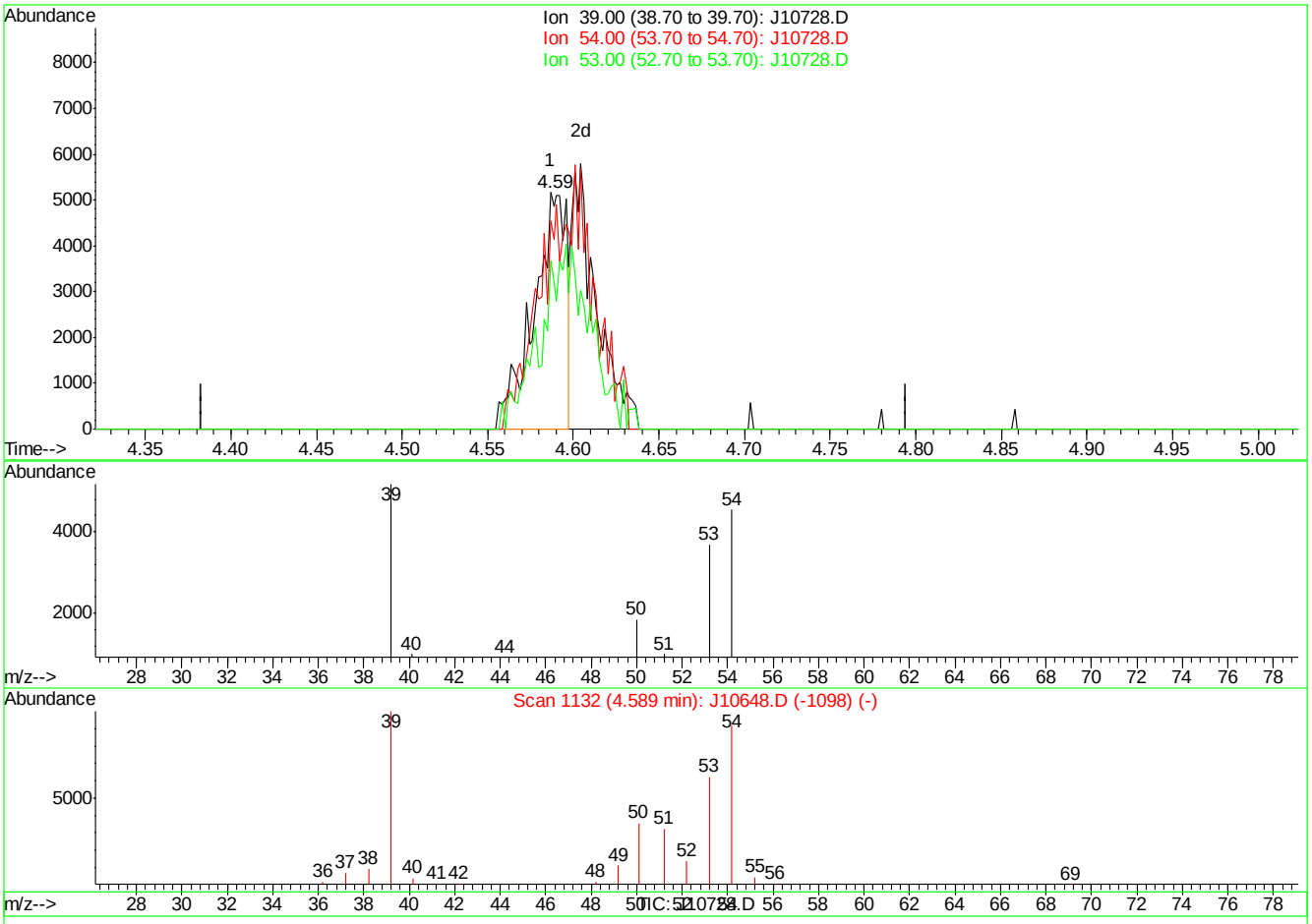
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
156.95	1024						
158.70	167						
158.90	264						
160.85	403						
172.00	2032						
174.00	318656						
175.10	18645						
176.00	309397						
176.95	20154						
177.90	596						

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration



(7) 1,3-BUTADIENE (m)

4.59min 0.24PPBV

response 6837

Ion	Exp%	Act%
39.00	100	100
54.00	94.20	91.52
53.00	65.20	0.00#
0.00	0.00	0.00

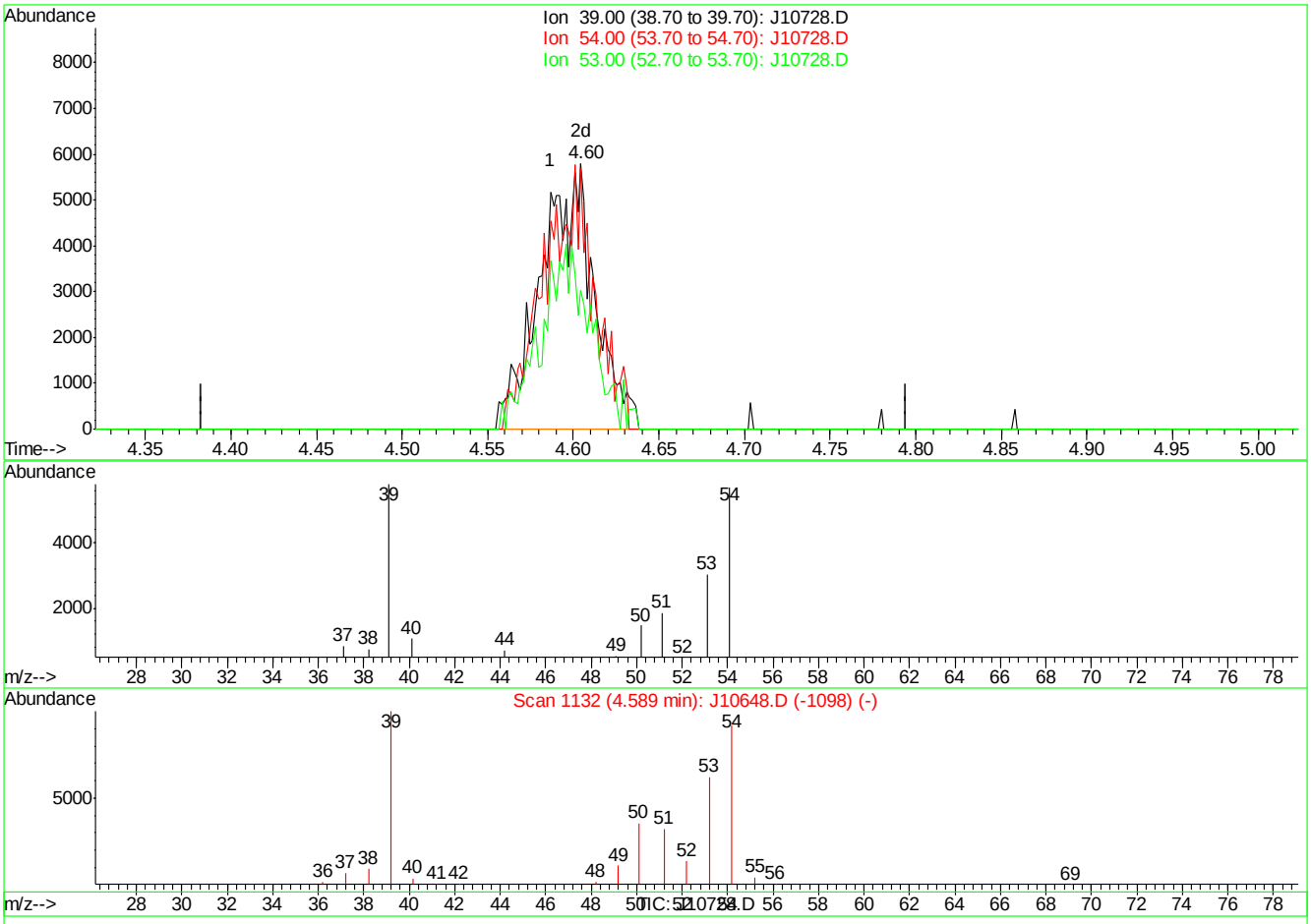
J10728.D J062207T.M Fri Jun 22 09:57:16 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration



(7) 1,3-BUTADIENE (m)

4.60min 0.44PPBV m

response 12568

Ion	Exp%	Act%
39.00	100	100
54.00	94.20	49.79#
53.00	65.20	0.00#
0.00	0.00	0.00

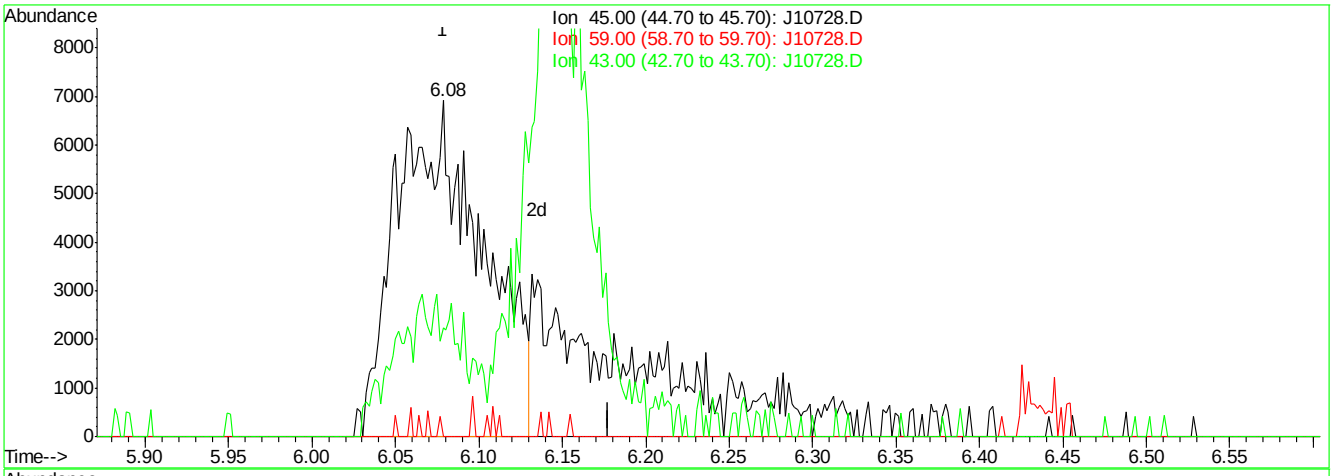
J10728.D J062207T.M Fri Jun 22 09:57:20 2007

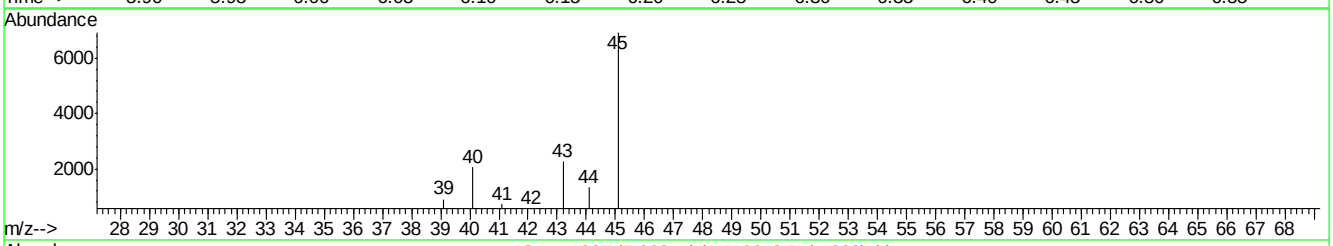
Quantitation Report (Qedit)

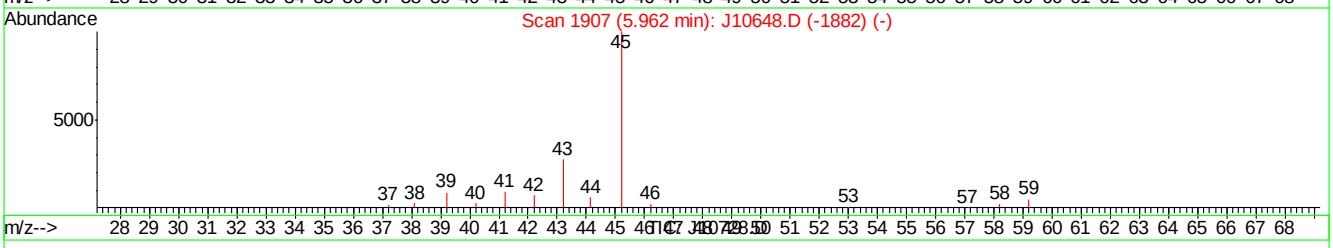
Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.08min 0.48PPBV

response 24576

Ion	Exp%	Act%
45.00	100	100
59.00	5.10	0.00
43.00	27.70	32.51
0.00	0.00	0.00

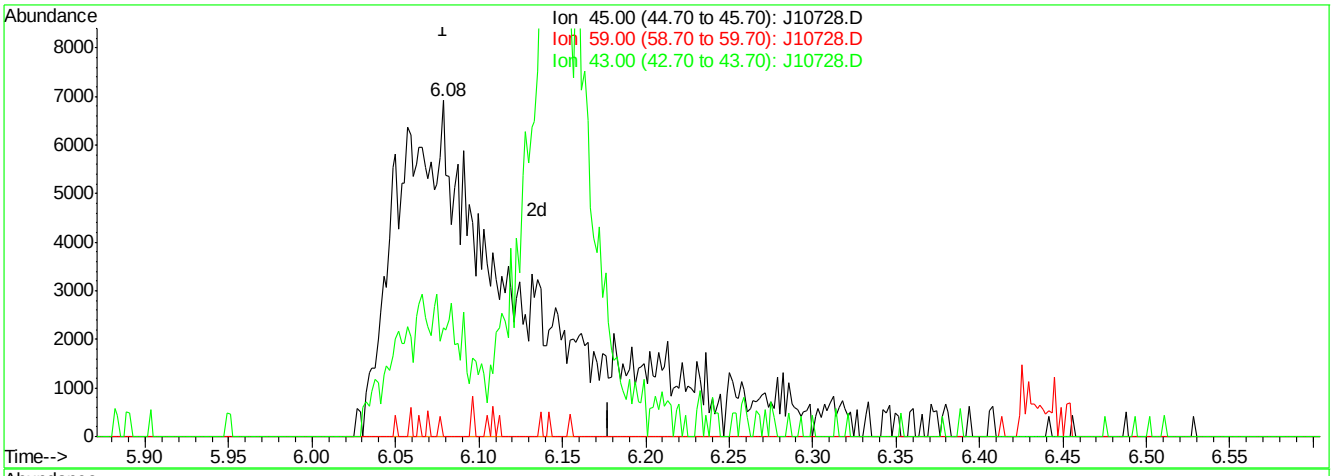
J10728.D J062207T.M Fri Jun 22 09:57:34 2007

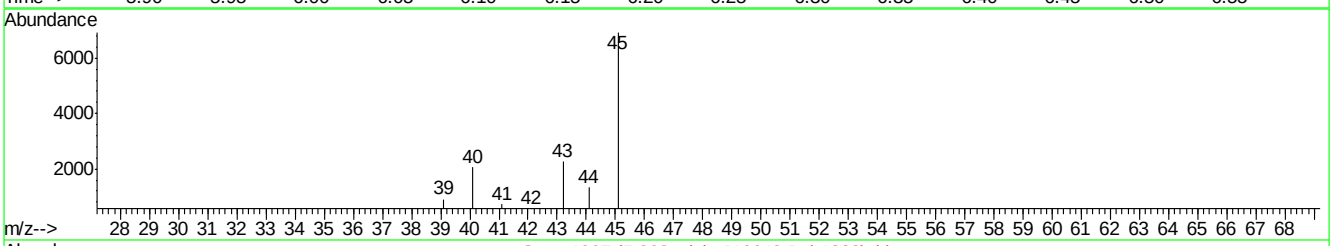
Quantitation Report (Qedit)

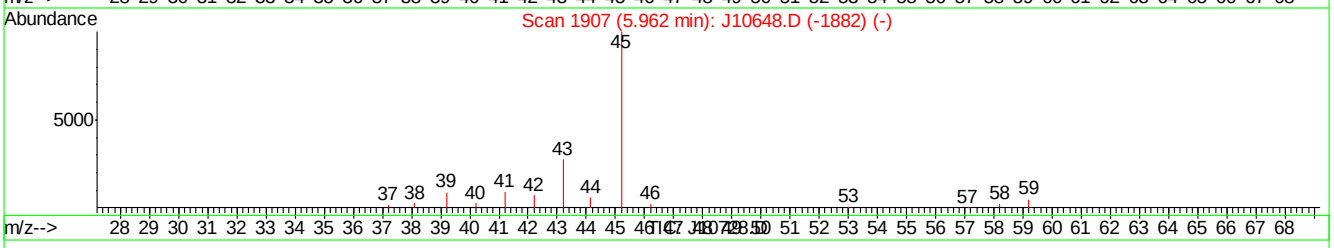
Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.08min 0.69PPBV m

response 35483

Ion	Exp%	Act%
45.00	100	100
59.00	5.10	0.00
43.00	27.70	32.51
0.00	0.00	0.00

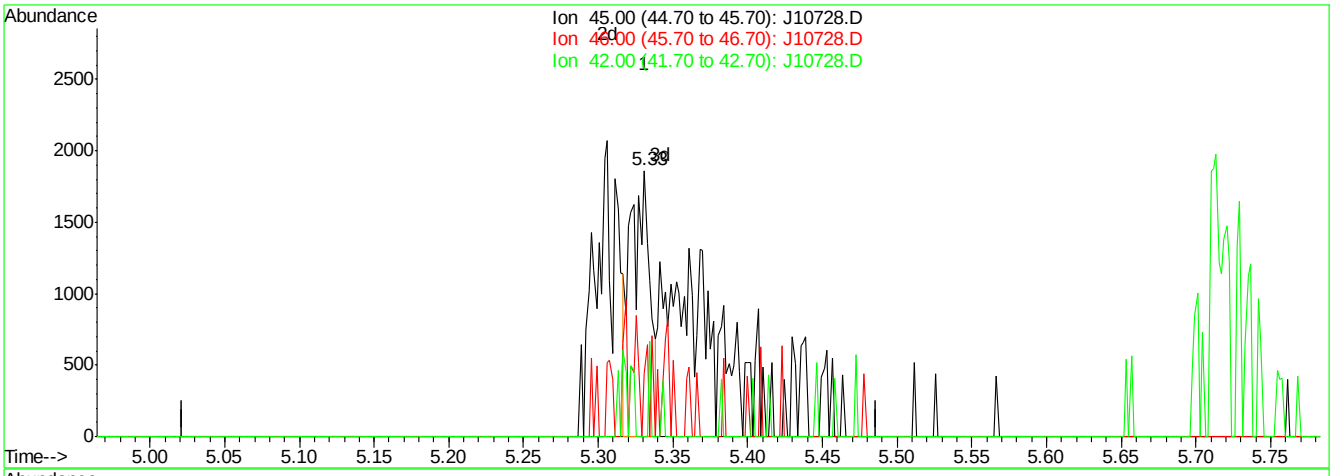
J10728.D J062207T.M Fri Jun 22 09:57:40 2007

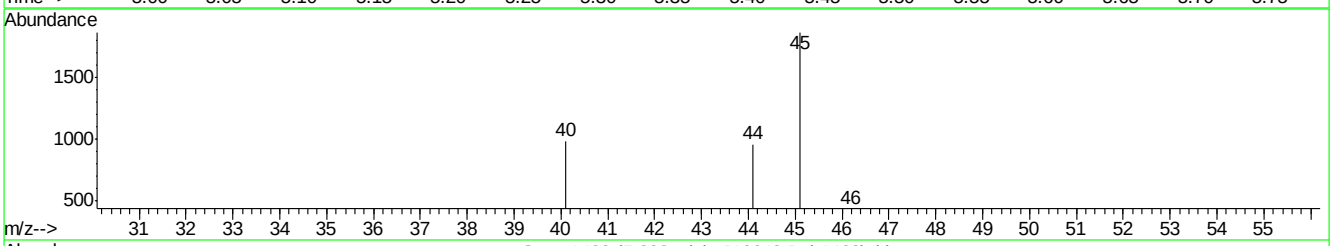
Quantitation Report (Qedit)

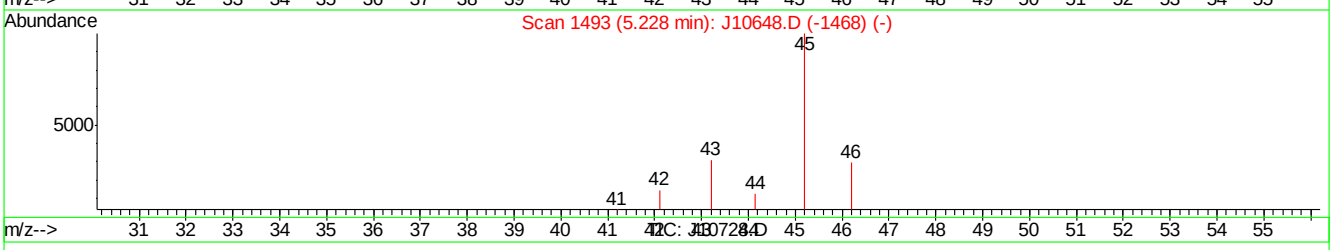
Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.33min 0.17PPBV

response 1620

Ion	Exp%	Act%
45.00	100	100
46.00	33.70	26.85
42.00	5.10	4.38
0.00	0.00	0.00

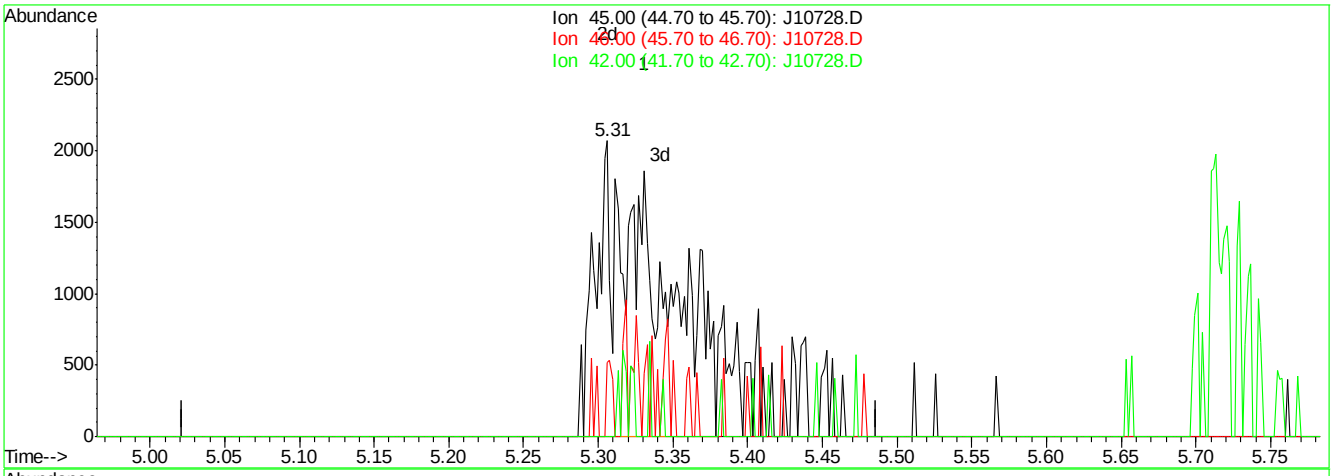
J10728.D J062207T.M Fri Jun 22 09:57:50 2007

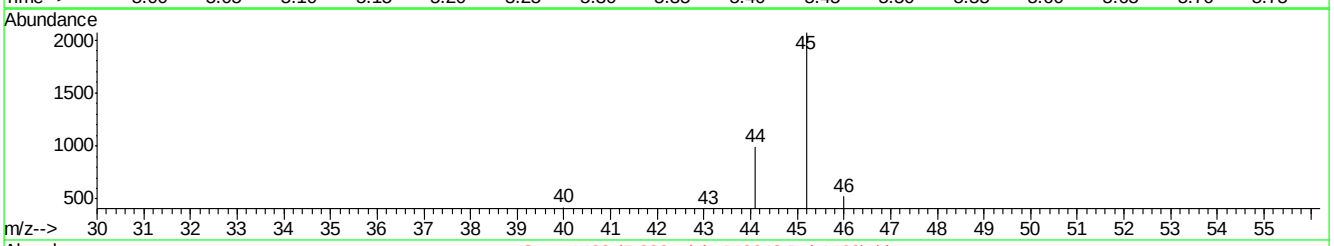
Quantitation Report (Qedit)

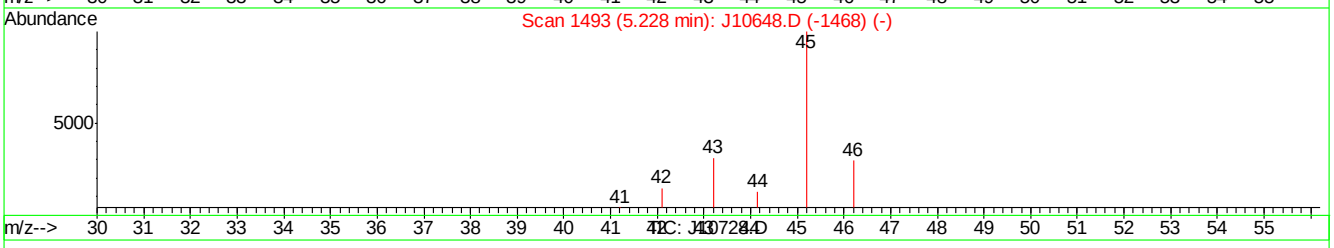
Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.31min 0.60PPBV m

response 5785

Ion	Exp%	Act%
45.00	100	100
46.00	33.70	7.52#
42.00	5.10	1.23
0.00	0.00	0.00

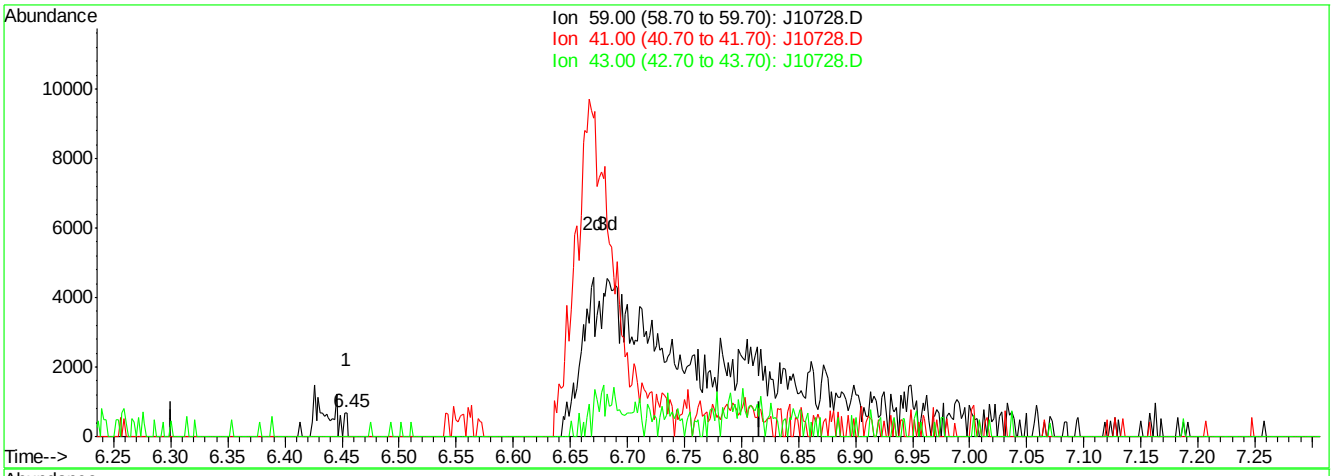
J10728.D J062207T.M Fri Jun 22 09:58:02 2007

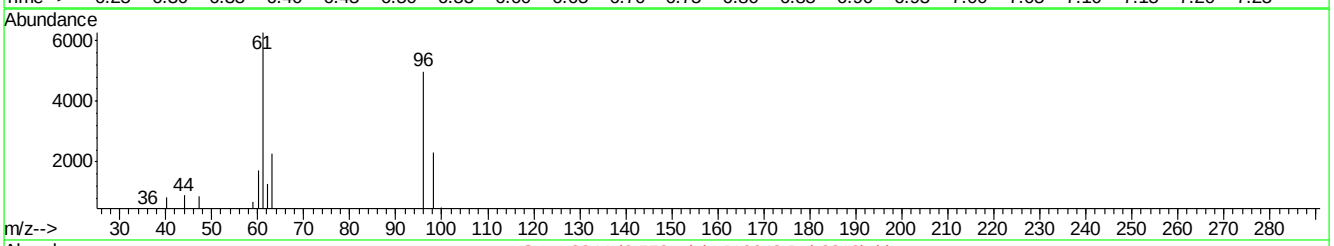
Quantitation Report (Qedit)

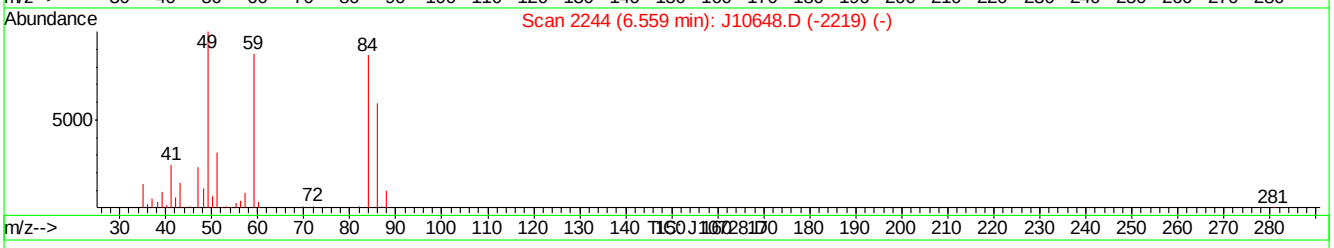
Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(22) TERTIARY BUTYL ALCOHOL (m)

6.45min 0.00PPBV

response 143

Ion	Exp%	Act%
59.00	100	100
41.00	24.40	0.00#
43.00	18.50	0.00
0.00	0.00	0.00

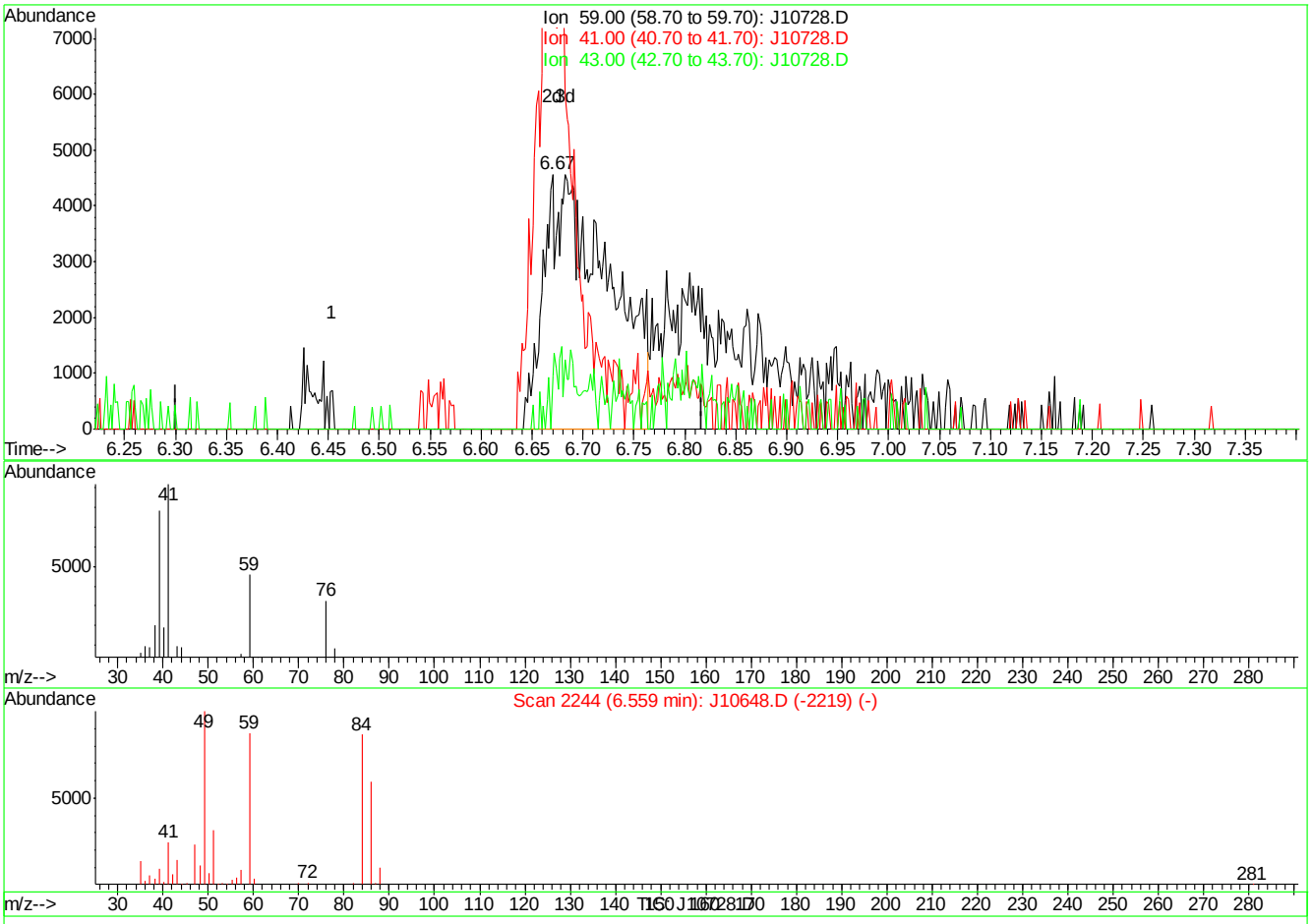
J10728.D J062207T.M Fri Jun 22 09:58:14 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration



(22) TERTIARY BUTYL ALCOHOL (m)

6.67min 0.31PPBV m

response 19929

Ion	Exp%	Act%
59.00	100	100
41.00	24.40	0.00#
43.00	18.50	0.00
0.00	0.00	0.00

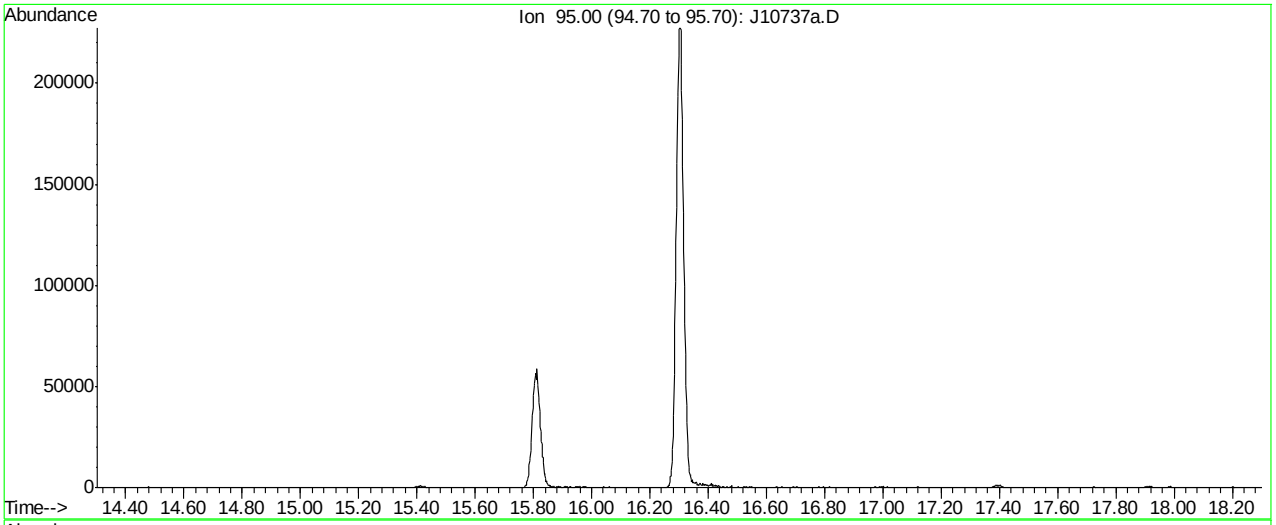
J10728.D J062207T.M Fri Jun 22 09:58:33 2007

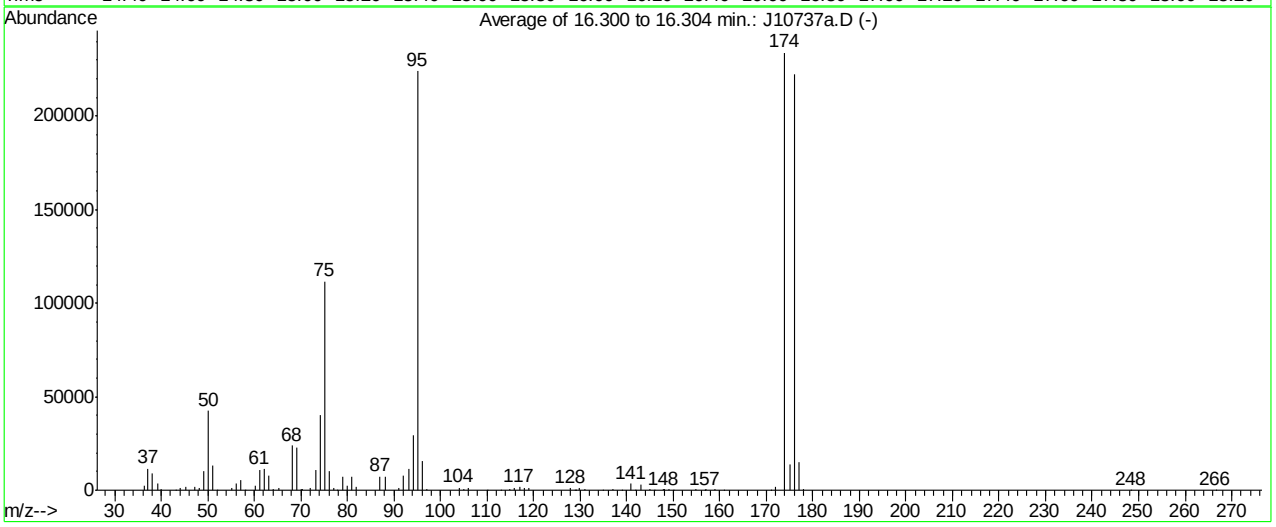
BFB

Data File : C:\MSDCHEM\1\DATA\J10737a.D
Acq On : 22 Jun 2007 5:13 pm
Sample : icv556-10 (m045)
Misc : MS13762, MSJ556,,,,,1
MS Integration Params: LSCINT.P

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

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





AutoFind: Scans 7743, 7744, 7745; Background Corrected with Scan 7716

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	19.0	42528	PASS
75	95	30	66	49.8	111533	PASS
95	95	100	100	100.0	223936	PASS
96	95	5	9	6.9	15347	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	104.5	234048	PASS
175	174	4	9	6.0	13928	PASS
176	174	93	101	95.1	222656	PASS
177	176	5	9	6.6	14792	PASS

J10737a.D J062207T.M Mon Jun 25 09:27:53 2007

Average of 16.300 to 16.304 min.: J10737a.D
icv556-10 (m045)
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.25	2397	50.10	42528	64.10	734	77.05	1110
37.20	11587	51.10	13124	65.15	1048	77.90	191
38.15	8976	52.10	238	68.10	23770	79.00	7344
39.15	3816	55.10	1033	69.10	22957	80.05	2371
40.05	454	56.10	3418	70.00	469	81.00	7478
43.15	312	57.15	5302	70.20	903	82.00	1787
44.10	1419	58.10	151	72.10	985	87.05	7449
45.15	2032	60.15	2584	73.10	10816	88.05	7015
47.10	1982	61.10	11032	74.15	40410	91.00	1025
48.15	1310	62.15	11372	75.10	111533	92.10	7747
49.15	9976	63.15	7712	76.10	10165	93.10	11697

Average of 16.300 to 16.304 min.: J10737a.D
icv556-10 (m045)
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
94.20	29552	117.00	1545	140.95	3431	156.95	473
95.10	223936	117.95	1069	141.90	147	159.05	361
96.10	15347	118.95	1322	142.95	2915	160.90	312
97.05	468	128.00	1080	144.90	360	171.00	161
104.00	1324	128.80	174	146.00	193	172.05	1736
105.00	534	129.00	226	147.90	452	174.00	234048
105.95	1265	129.85	1020	148.10	427	175.05	13928
110.10	135	130.95	765	149.00	407	176.00	222656
113.00	176	134.90	297	150.00	138	177.00	14792
114.95	334	136.95	400	154.95	462	177.90	720
115.95	1162	138.90	143	156.70	196	248.40	136

Average of 16.300 to 16.304 min.: J10737a.D
icv556-10 (m045)
Modified:subtracted

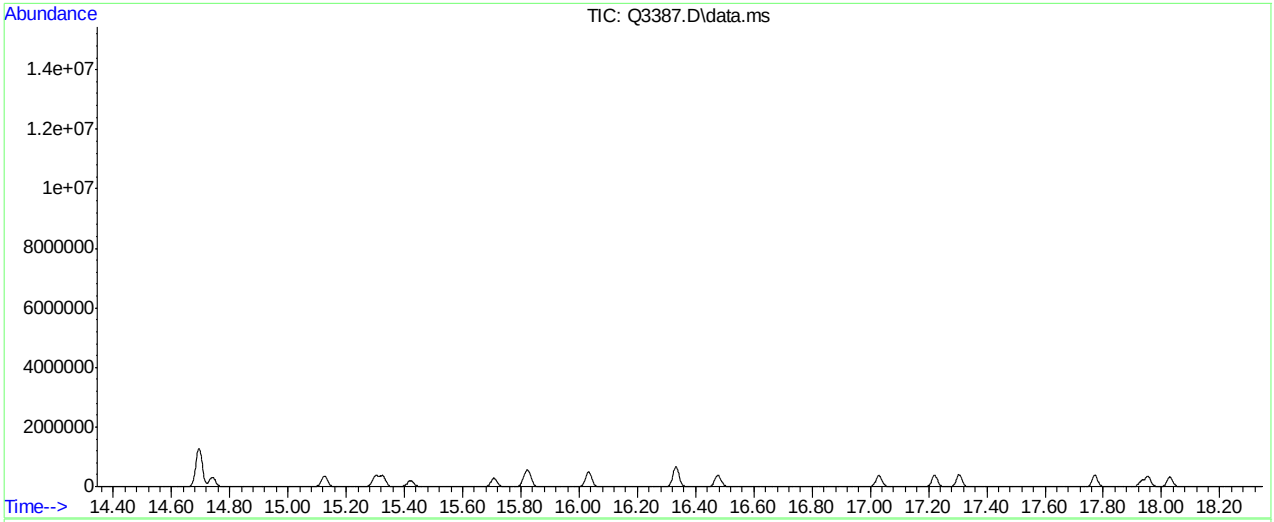
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
266.50	173						

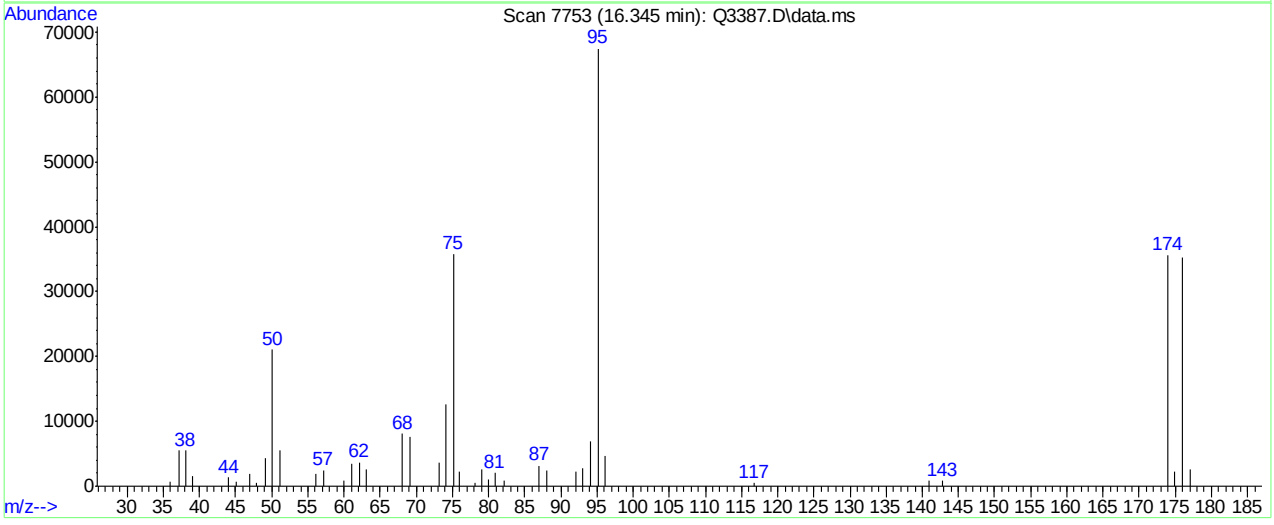
BFB

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

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

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





Spectrum Information: Scan 7753

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

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

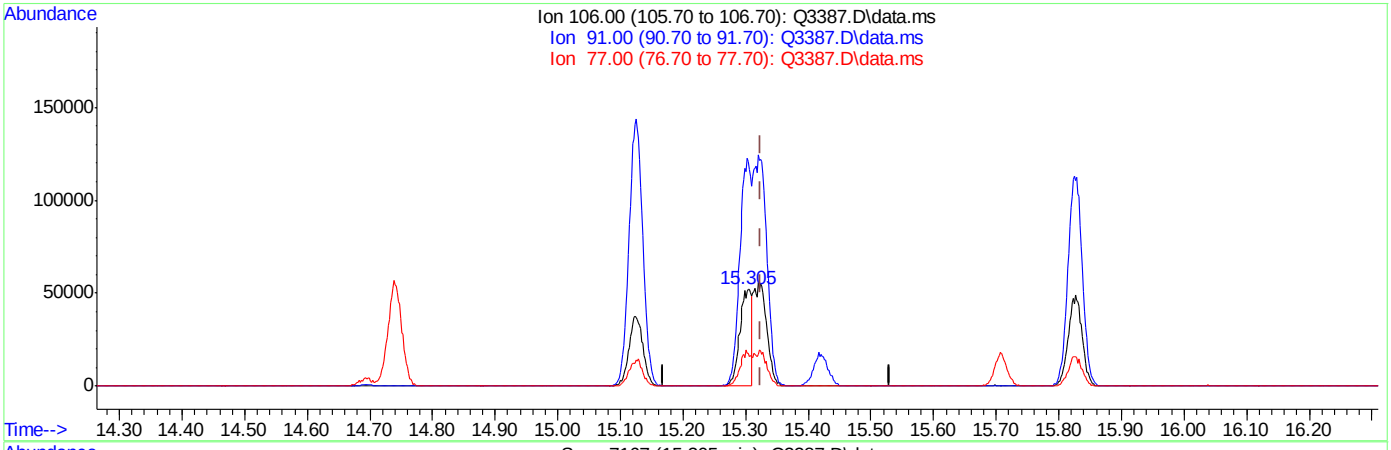
Scan 7753 (16.345 min): Q3387.D\data.ms
IC185-2 (M060)

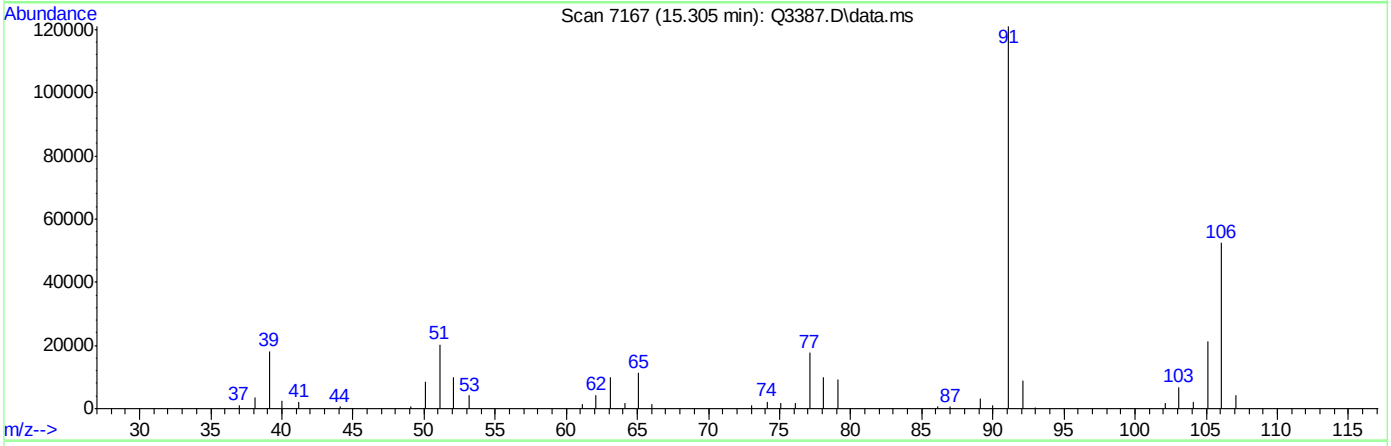
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.90	679	56.10	1861	76.00	2203	95.10	67472
37.10	5460	57.10	2507	78.10	501	96.10	4748
38.10	5524	60.00	840	79.00	2585	116.80	443
39.00	1611	61.10	3484	80.00	993	140.90	811
44.00	1333	62.10	3649	80.90	2020	142.80	846
45.10	721	63.10	2658	82.10	886	174.00	35648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

Quantitation Report (Qedit)

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

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





TIC: Q3387.D\data.ms

(56) m,p-XYLENE (m)

15.305min (-0.019) 1.61PPBV

response 69695

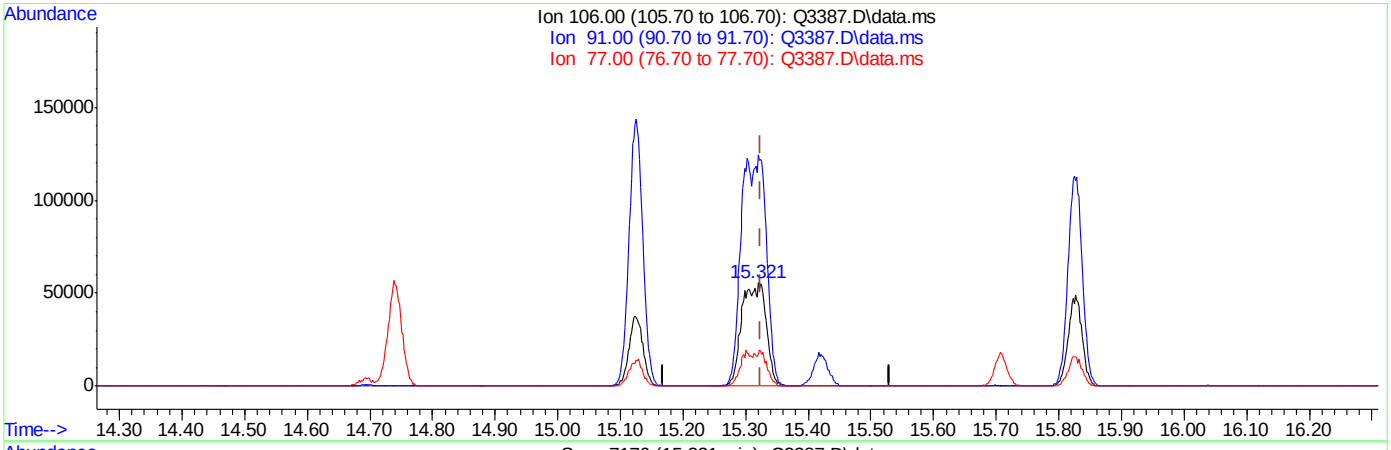
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	231.05
77.00	30.60	33.87
0.00	0.00	0.00

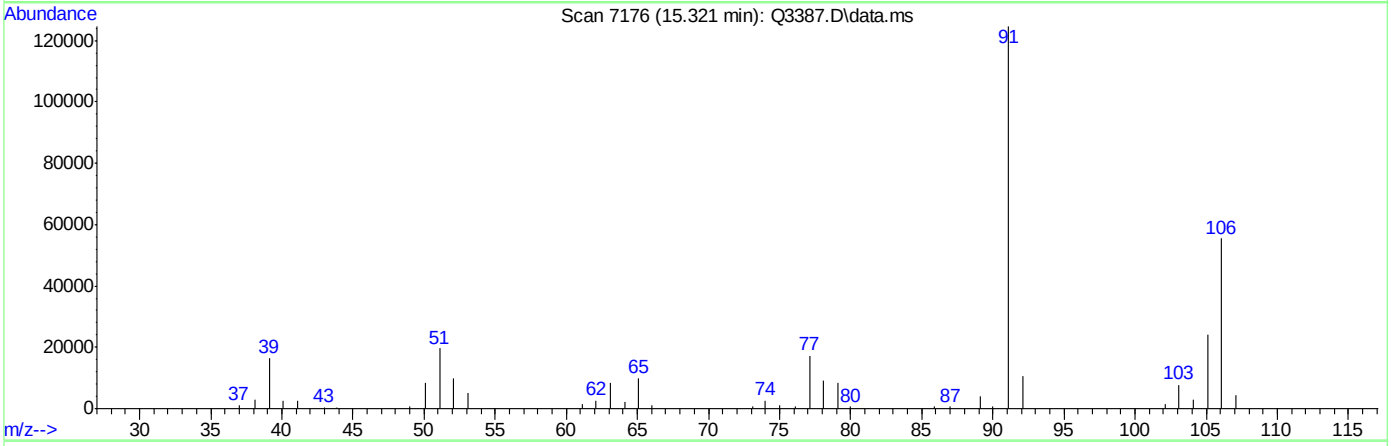
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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





TIC: Q3387.D\data.ms

(56) m,p-XYLENE (m)

15.321min (-0.004) 3.48PPBV m

response 150900

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

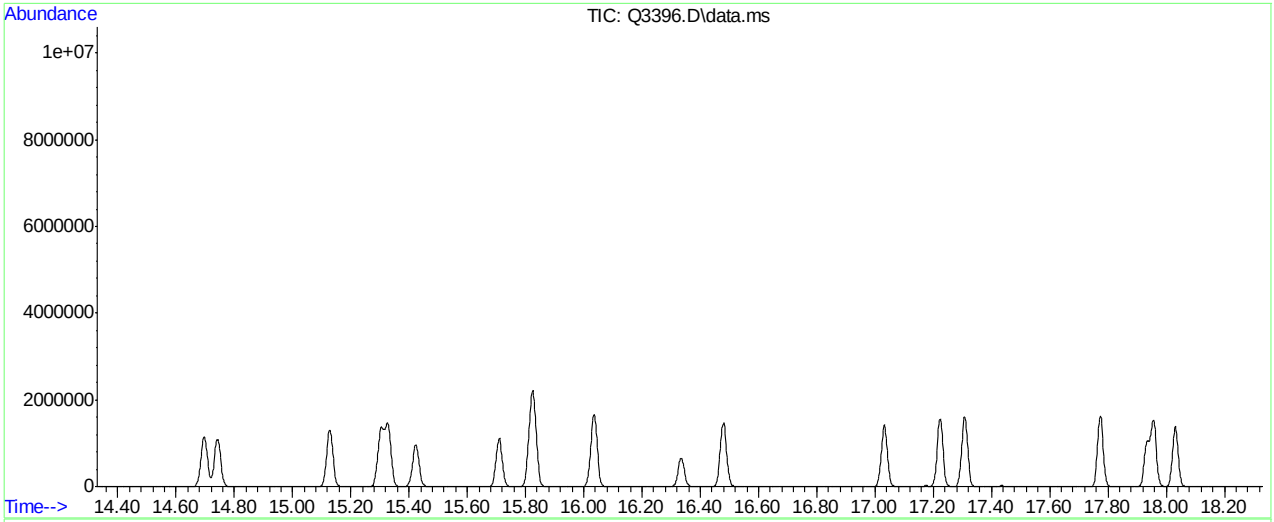
ACCUTEST Laboratories M65607

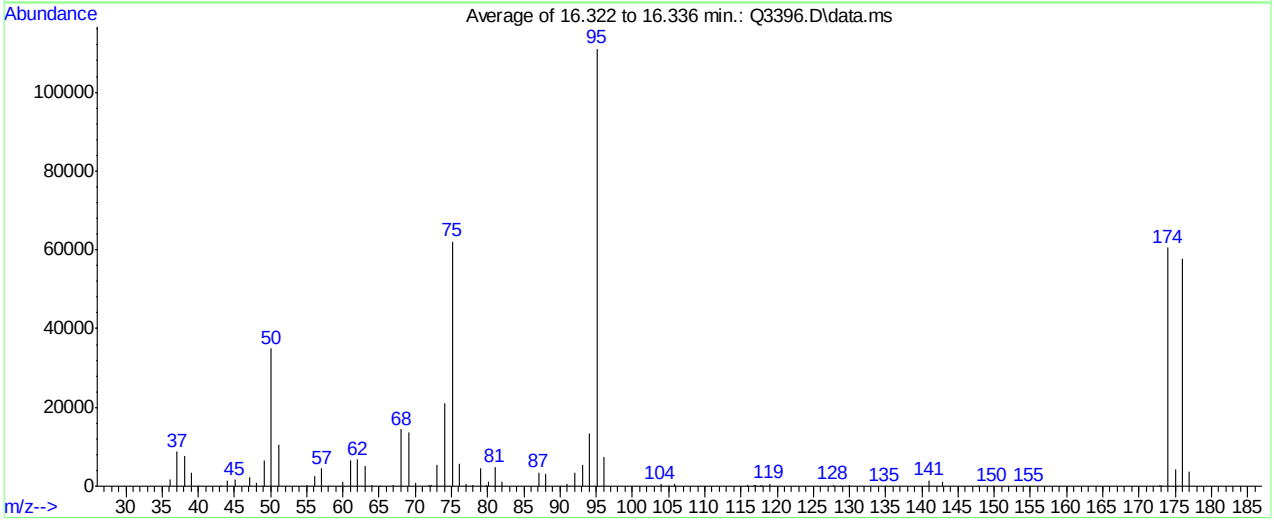
BFB

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

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

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





Spectrum Information: Average of 16.322 to 16.336 min.

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

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

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

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

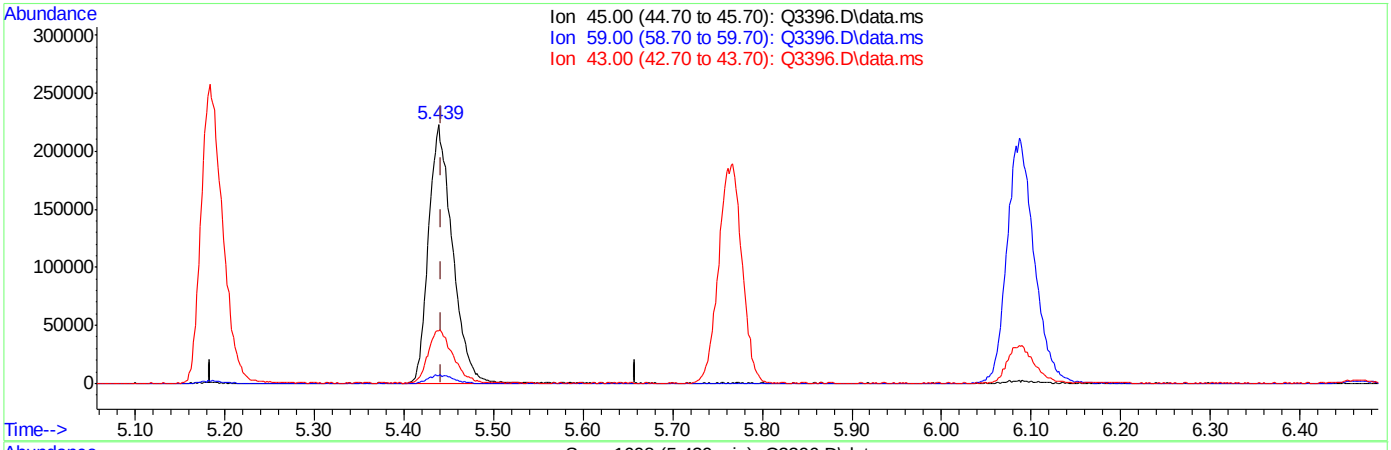
Average of 16.322 to 16.336 min.: Q3396.D\data.ms
CC185-10 (M068)

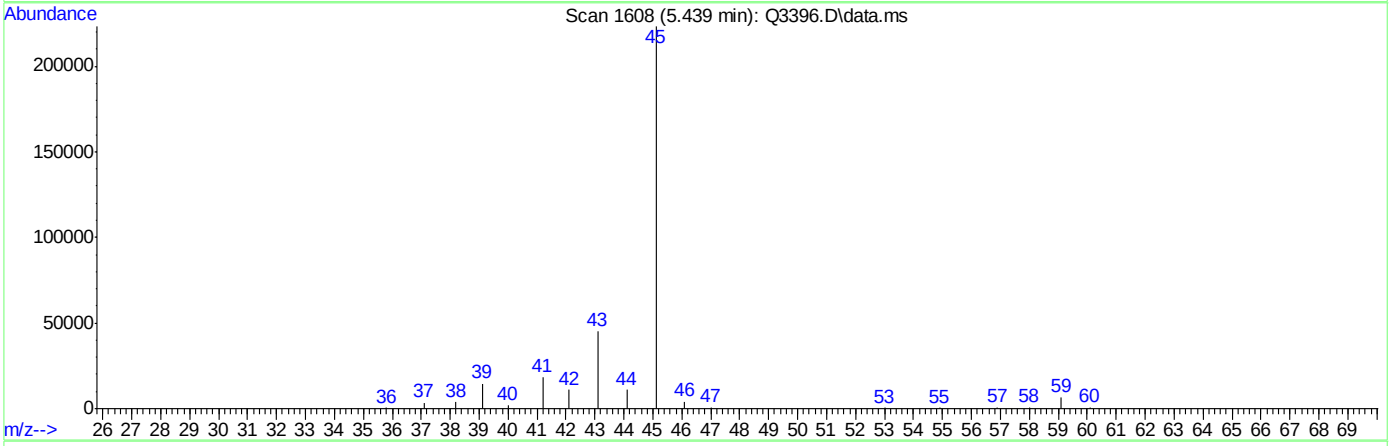
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
90.95	442	116.90	98	142.90	1284		
92.05	3393	117.05	416	147.80	59		
93.05	5361	117.75	162	149.80	68		
94.10	13359	117.95	151	154.85	122		
95.10	111101	118.95	717	172.90	237		
96.10	7467	127.80	357	173.10	49		
103.90	500	128.80	58	174.00	60476		
104.90	47	129.80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

Quantitation Report (Qedit)

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

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





TIC: Q3396.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.439min (-0.004) 6.93PPBV

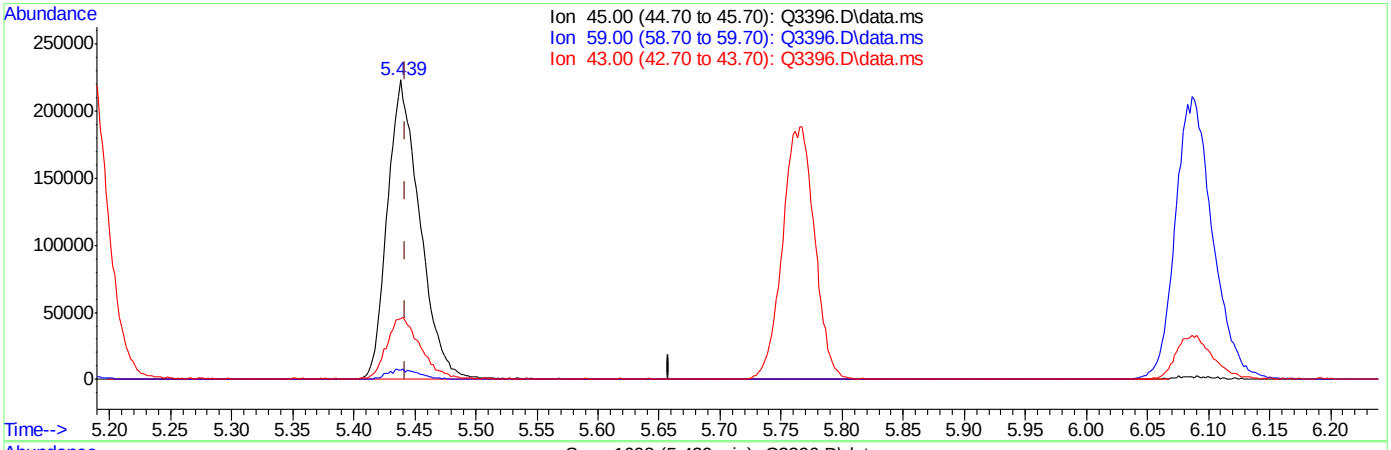
response 412460

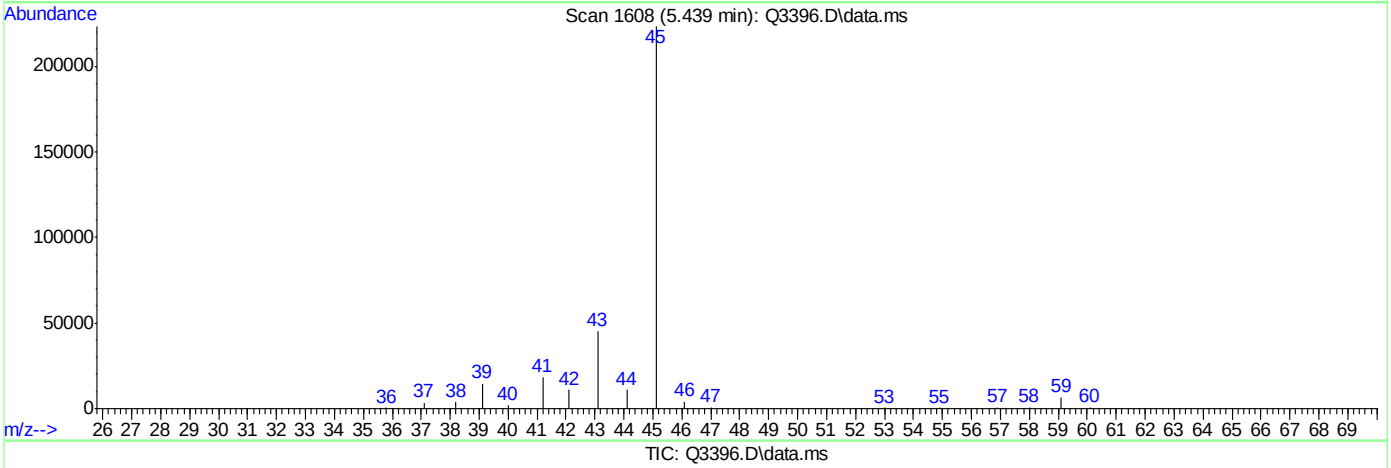
Ion	Exp%	Act%
45.00	100	100
59.00	2.80	3.09
43.00	22.80	20.29
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3396.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.439min (-0.004) 7.00PPBV m

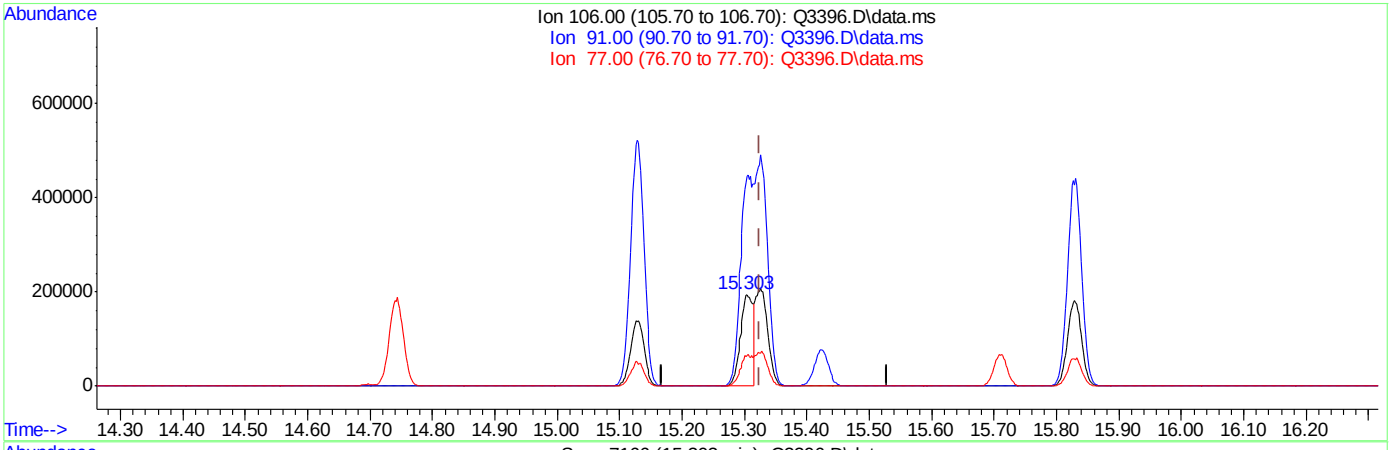
response 416514

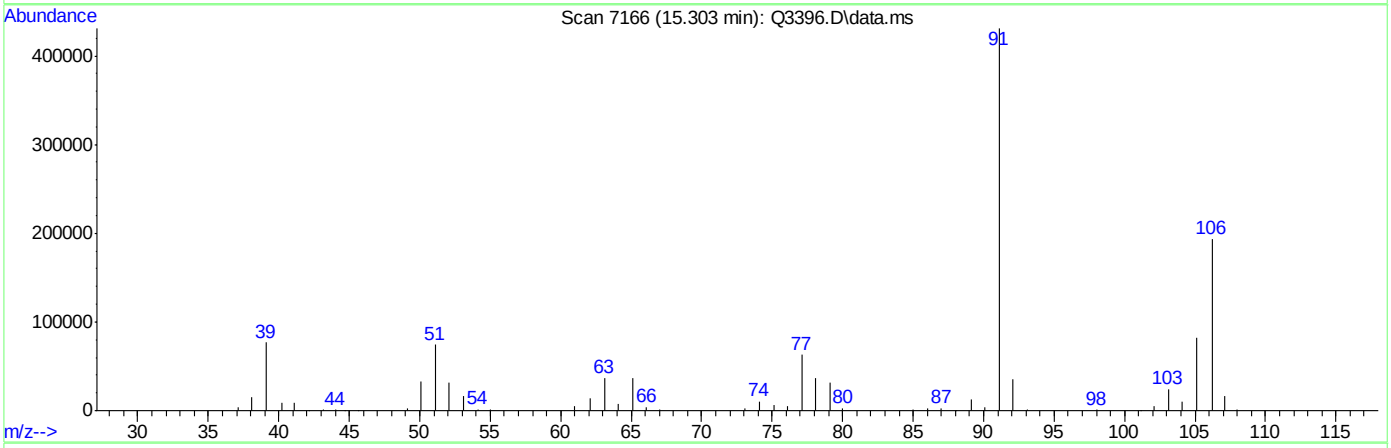
Ion	Exp%	Act%
45.00	100	100
59.00	2.80	3.09
43.00	22.80	20.29
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3396.D\data.ms

(56) m,p-XYLENE (m)

15.303min (-0.021) 8.75PPBV

response 280032

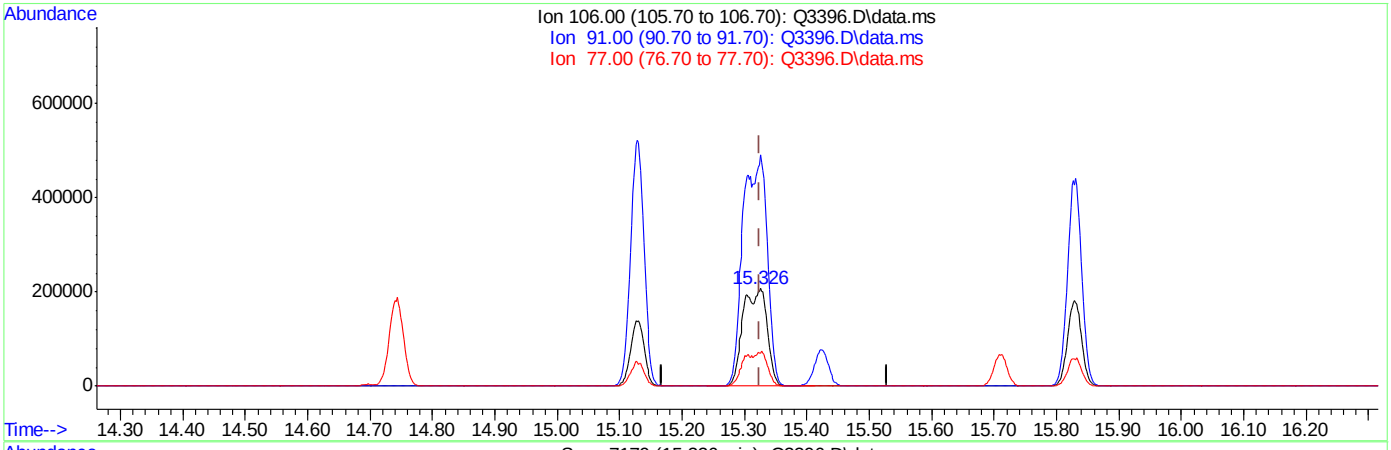
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	222.17
77.00	30.60	32.39
0.00	0.00	0.00

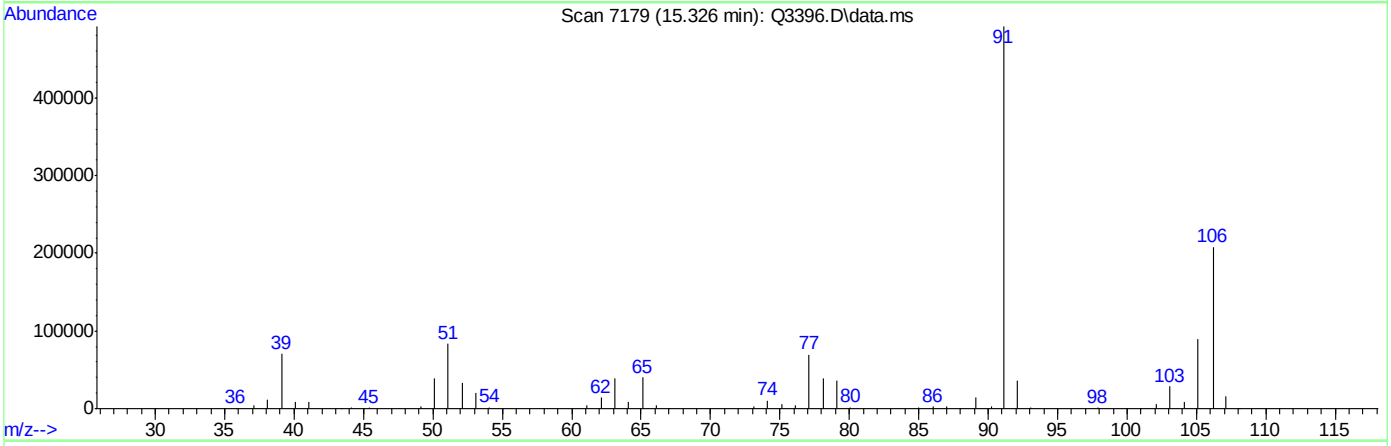
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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





TIC: Q3396.D\data.ms

(56) m,p-XYLENE (m)

15.326min (+0.002) 17.54PPBV m

response 561105

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

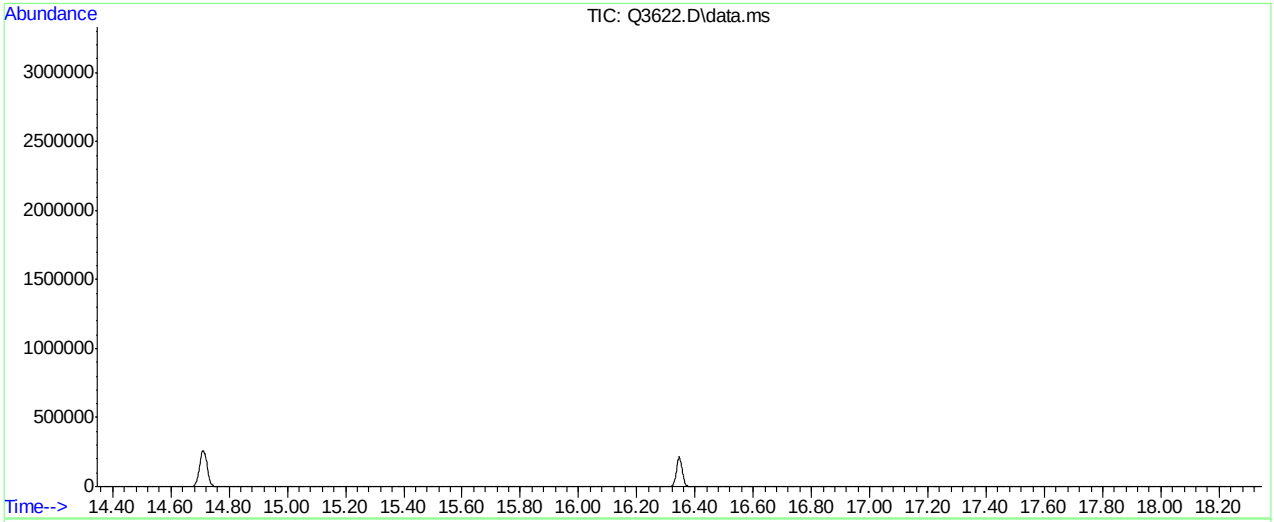
ACCUTEST Laboratories M65607

BFB

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

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

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



Spectrum Information: Average of 16.339 to 16.355 min.

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

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

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

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

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

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

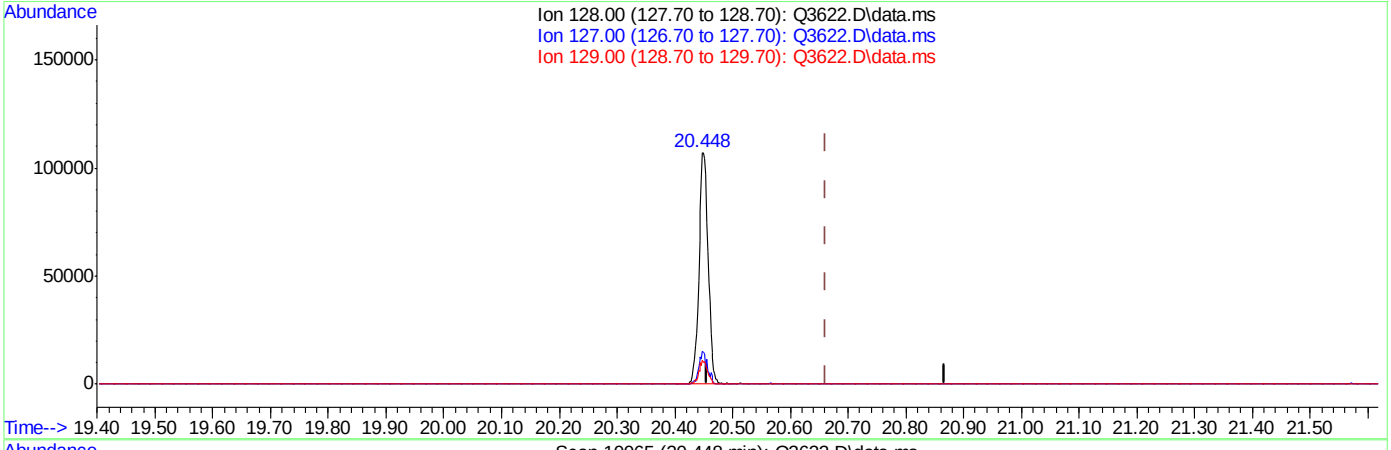
Average of 16.339 to 16.355 min.: Q3622.D\data.ms
IC197-4 (M142)
Modified:subtracted

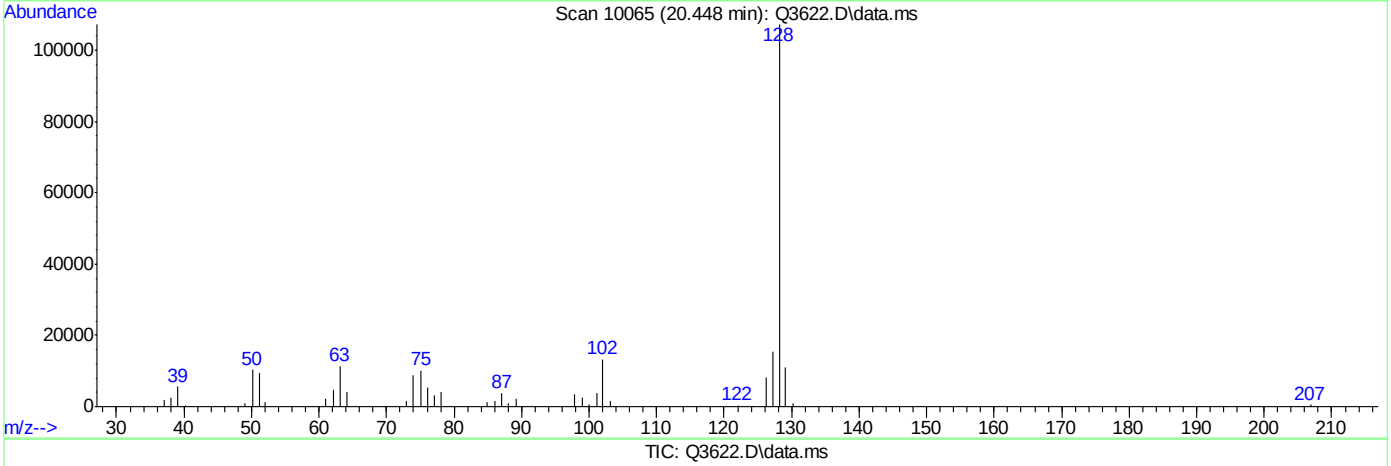
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
258.40	44						

Quantitation Report (Qedit)

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

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





(74) NAPHTHALENE (m)

20.448min (-0.214) 0.00PPBV m

response 116628

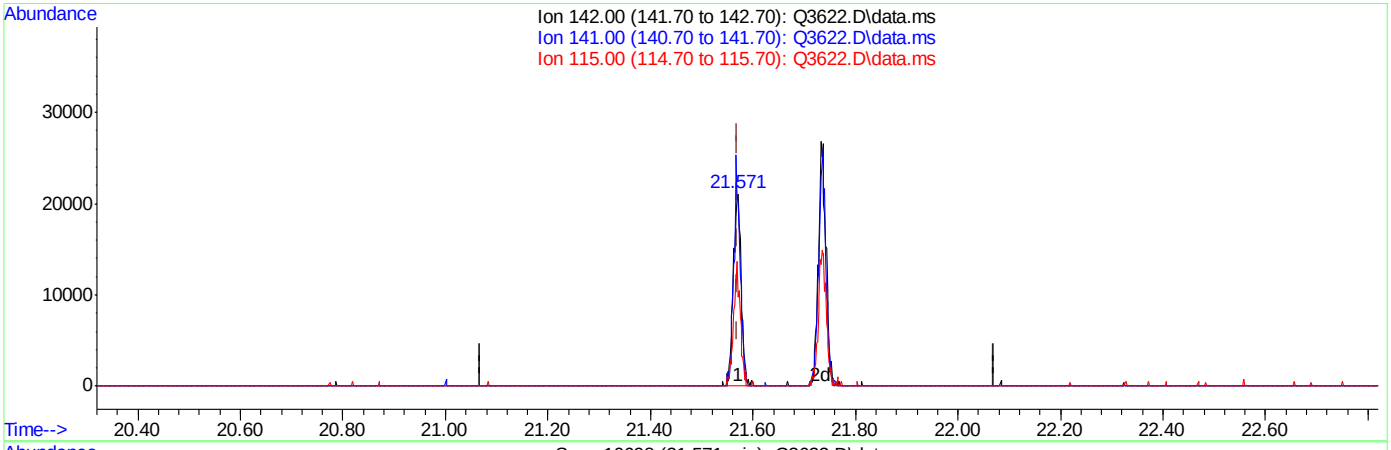
Ion	Exp%	Act%
128.00	100	100
127.00	13.60	0.00
129.00	10.70	0.00
0.00	0.00	0.00

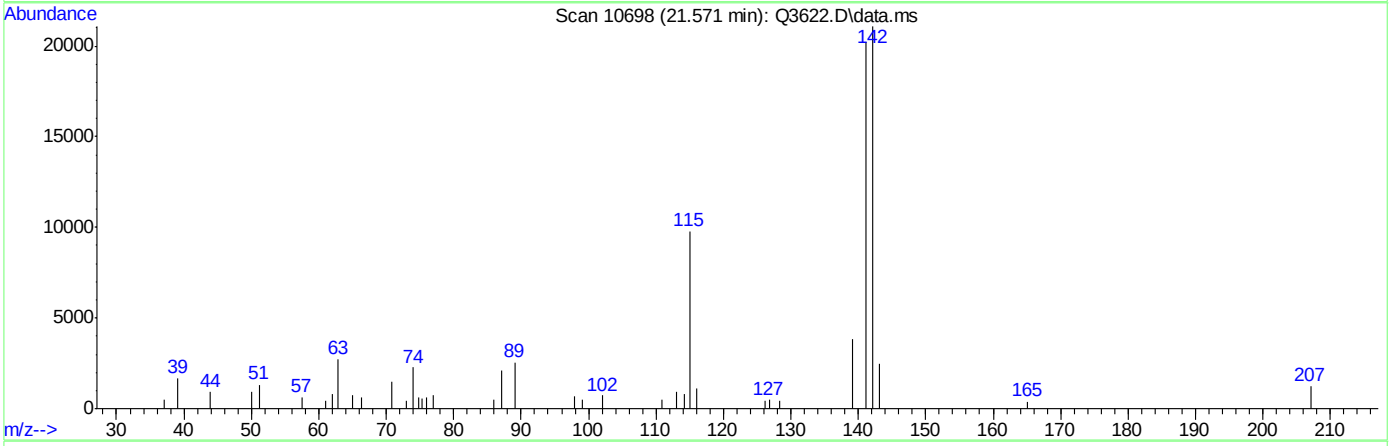
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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





TIC: Q3622.D\data.ms

(75) 2-METHYLNAPHTHALENE

21.571min (+0.001) 0.00PPBV

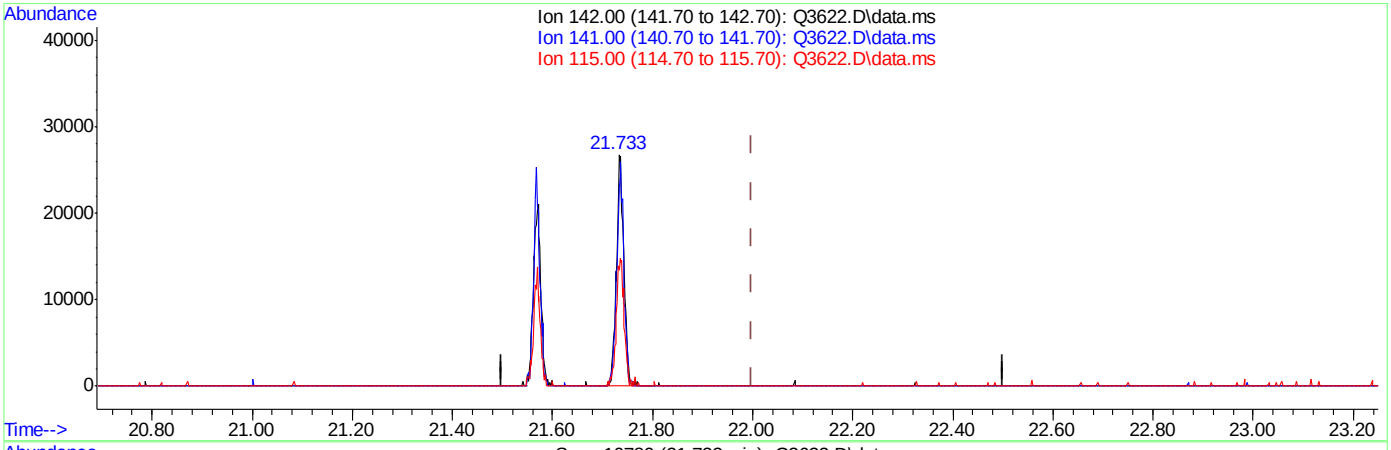
response 22217

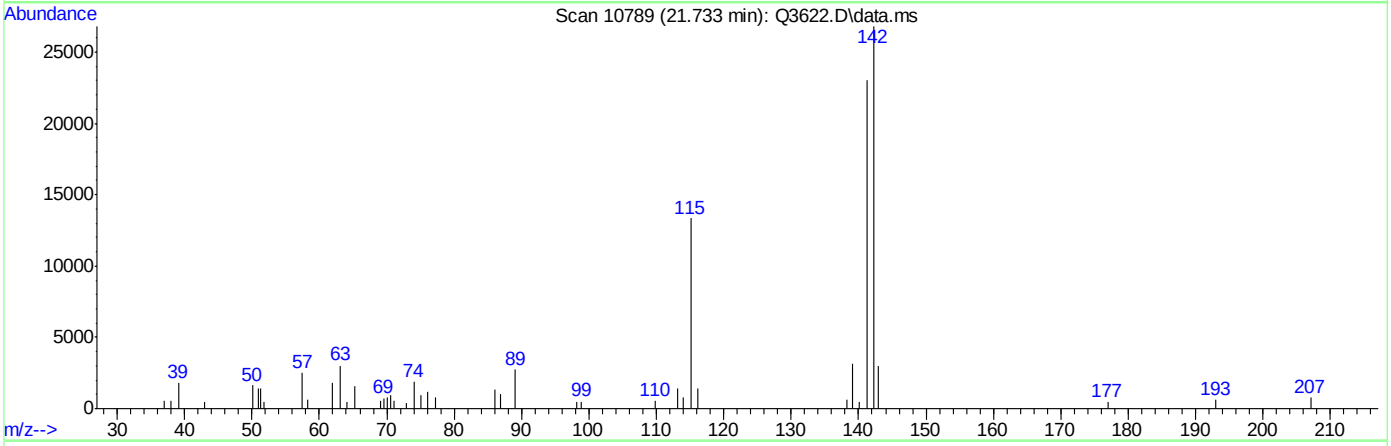
Ion	Exp%	Act%
142.00	100	100
141.00	0.00	97.00#
115.00	0.00	55.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3622.D\data.ms

(76) 1-METHYLNAPHTHALENE

21.733min (-0.267) 0.00PPBV m

response 27693

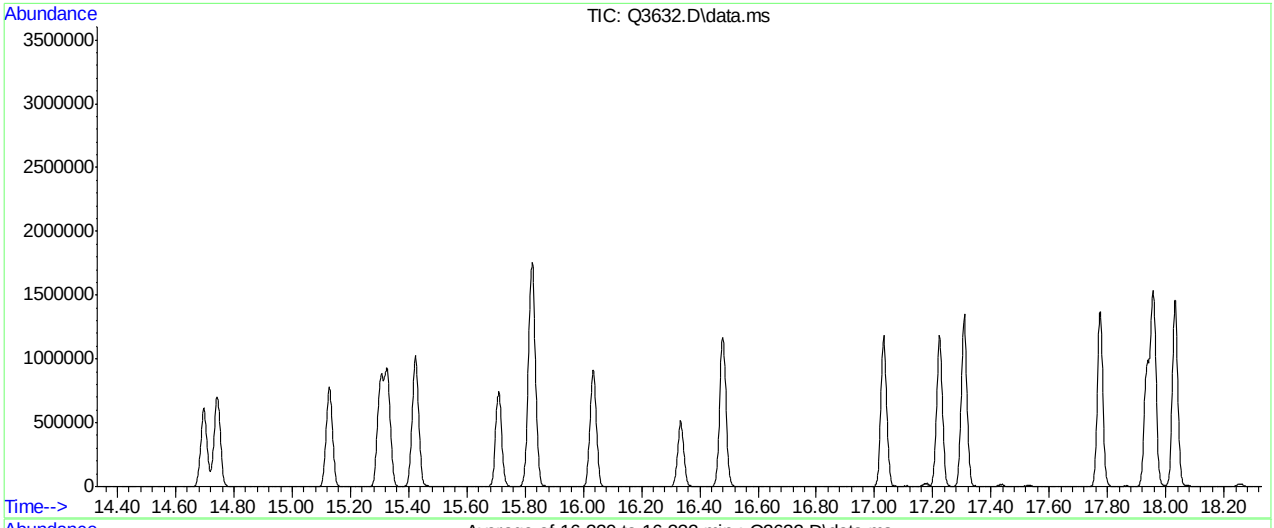
Ion	Exp%	Act%
142.00	100	100
141.00	0.00	0.00
115.00	0.00	0.00
0.00	0.00	0.00

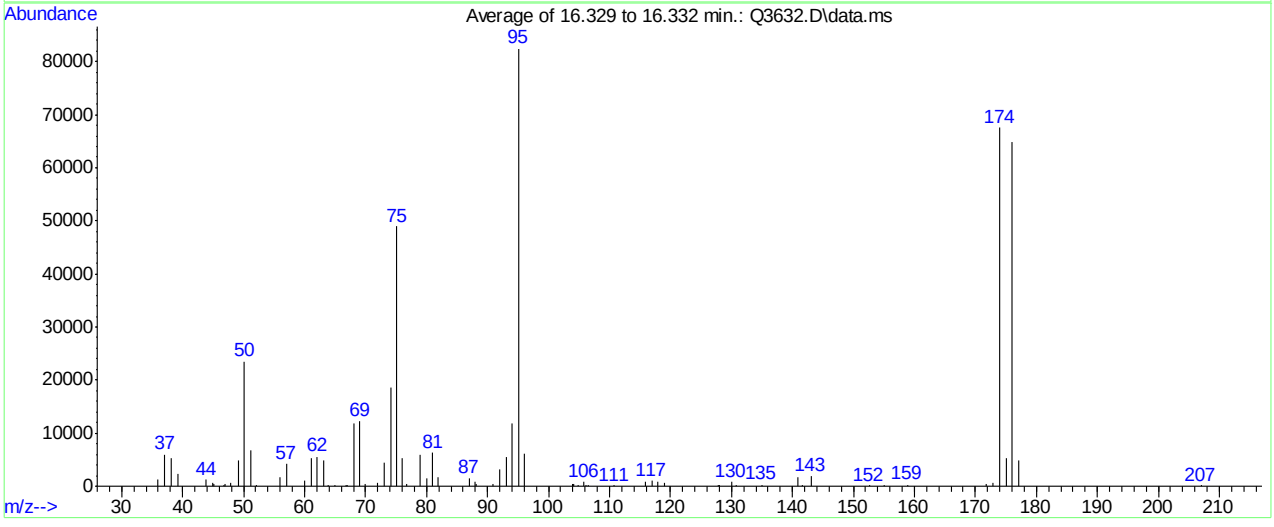
BFB

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

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

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





Spectrum Information: Average of 16.329 to 16.332 min.

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

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

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

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

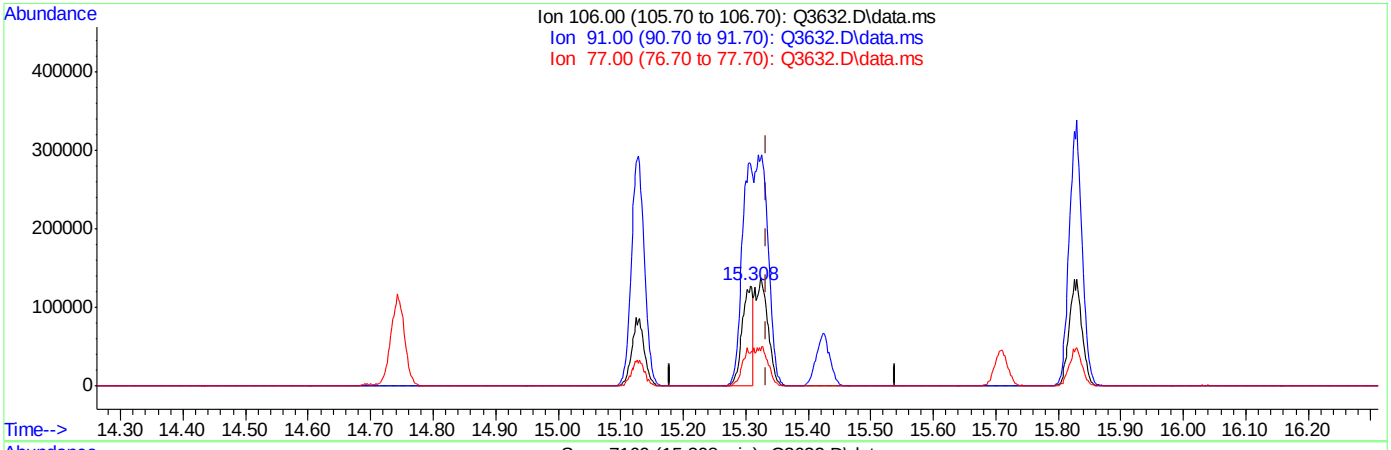
Average of 16.329 to 16.332 min.: Q3632.D\data.ms
CC197-10 (M179)

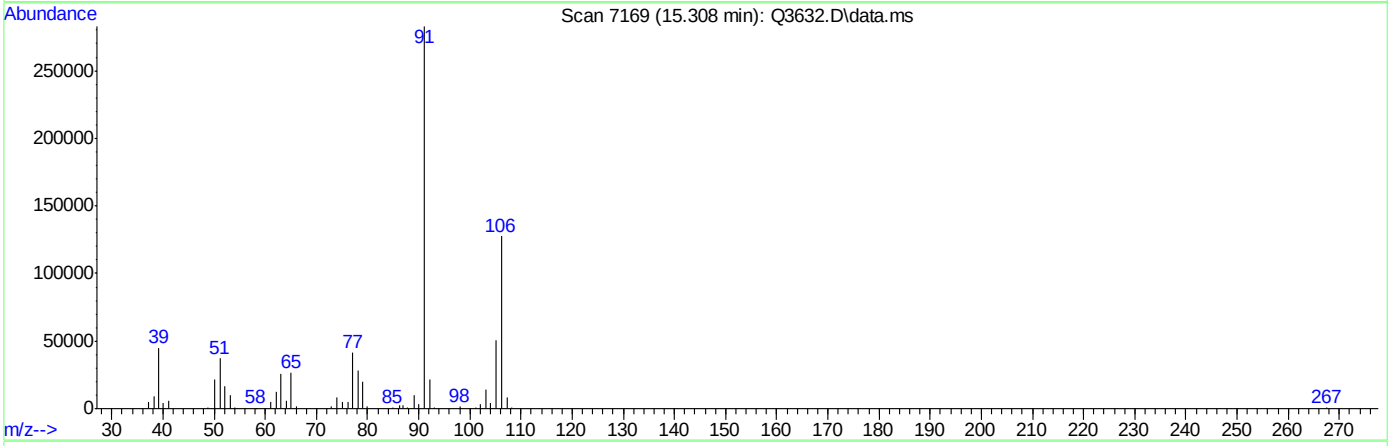
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
95.10	82477	118.00	799	155.00	156		
96.05	6092	119.00	626	158.90	219		
103.90	523	127.80	150	171.85	399		
104.10	389	128.10	231	172.90	635		
104.90	237	130.00	774	174.00	67576		
105.85	845	130.80	286	175.05	5327		
106.10	140	134.95	290	176.00	64944		
106.60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

Quantitation Report (Qedit)

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

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





TIC: Q3632.D\data.ms

(56) m,p-XYLENE (m)

15.308min (-0.026) 10.68PPBV

response 151935

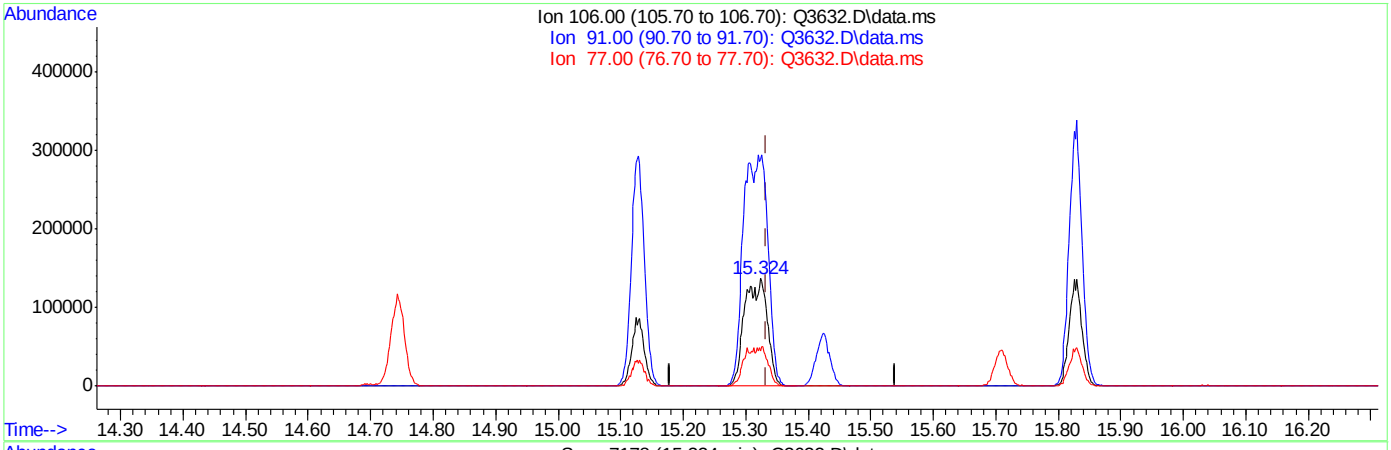
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	221.64
77.00	30.60	32.46
0.00	0.00	0.00

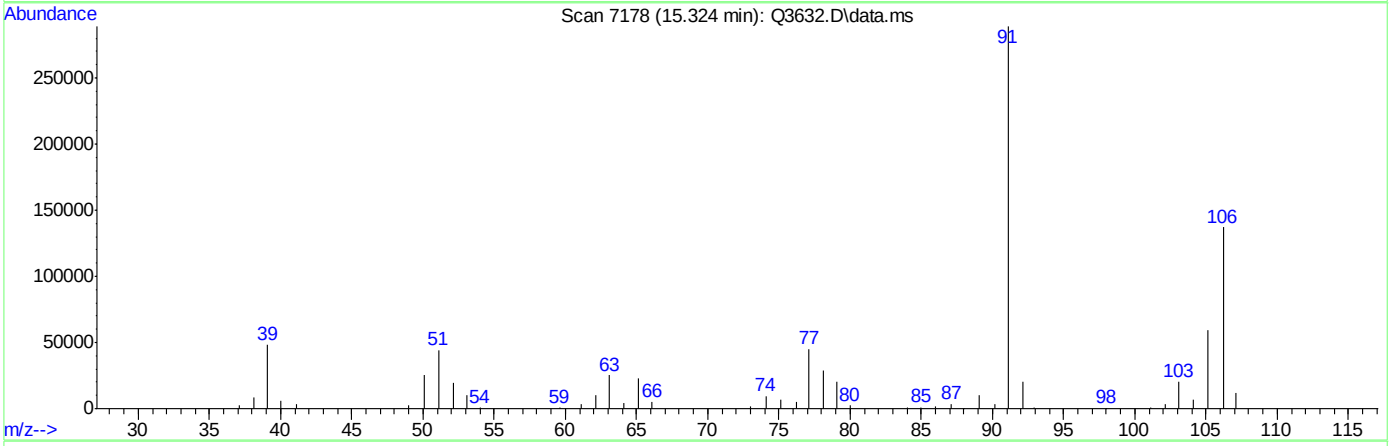
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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





TIC: Q3632.D\data.ms

(56) m,p-XYLENE (m)

15.324min (-0.010) 21.93PPBV m

response 347729

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

ACCUTEST Laboratories M65607

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
06/18/07 12:49

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10644.D
Acq On : 14 Jun 2007 12:15 pm
Operator : danat
Sample : ic552-0.5 (m140)
Misc : MS13724, MSJ552,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 14 13:50:12 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:48:21 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	328772	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1299333	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.66	117	1030498	10.00	PPBV	-0.01
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.28	95	293965	4.70	PPBV	-0.02
Spiked Amount 5.000	Range 51 - 142		Recovery = 94.00%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.08	85	63171	0.55	PPBV	100
3) PROPYLENE	4.01	41	9014	0.45	PPBV	86
4) FREON 114	4.34	85	61157	0.58	PPBV	99
5) CHLOROMETHANE	4.24	50	15538	0.56	PPBV	91
6) VINYL CHLORIDE	4.46	62	15944	0.49	PPBV	97
7) 1,3-BUTADIENE	4.59	39	9696	0.44	PPBV	94
8) BROMOMETHANE	4.87	94	20978	0.57	PPBV	98
9) CHLOROETHANE	5.03	64	8533	0.57	PPBV #	76
10) TRICHLOROFLUOROMETHANE	5.80	101	67423	0.57	PPBV	98
11) ISOPROPYL ALCOHOL	6.01	45	29678	0.79	PPBV	85
12) ACETONE	5.71	43	20646	0.46	PPBV	91
13) PENTANE	6.15	42	14686	0.53	PPBV	96
14) 1,1-DICHLOROETHYLENE	6.43	96	19462	0.56	PPBV	92
15) CARBON DISULFIDE	6.86	76	56661	0.54	PPBV	98
16) ETHANOL	5.28	45	5871	0.85	PPBV #	80
17) BROMOETHENE	5.40	106	18995	0.54	PPBV	99
18) METHYLENE CHLORIDE	6.56	84	37425	0.71	PPBV	95
19) 3-CHLOROPROPENE	6.67	39	15775	0.67	PPBV	94
20) FREON 113	6.80	151	46947	0.61	PPBV	96
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	18568	0.56	PPBV	95
22) TERTIARY BUTYL ALCOHOL	6.62	59	26765	0.64	PPBV	74
23) METHYL TERTIARY BUTYL ETHE	7.78	73	30225	0.44	PPBV	97
24) TETRAHYDROFURAN	9.24	42	6834	0.30	PPBV #	46
25) HEXANE	8.64	57	22844	0.50	PPBV	96
26) VINYL ACETATE	7.82	43	19526m	0.44	PPBV	
27) 1,1-DICHLOROETHANE	7.66	63	32727	0.59	PPBV	99
28) METHYL ETHYL KETONE	8.12	43	17104	0.43	PPBV	75
29) cis-1,2-DICHLOROETHYLENE	8.46	96	18487	0.57	PPBV	96
30) ETHYL ACETATE	8.72	43	18993	0.44	PPBV #	95
31) CHLOROFORM	8.74	83	42958	0.55	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.68	97	52663	0.62	PPBV	99
33) CARBON TETRACHLORIDE	10.25	117	59103	0.59	PPBV	100
34) 1,2-DICHLOROETHANE	9.46	62	23701	0.54	PPBV	97
36) BENZENE	10.12	78	44230	0.62	PPBV	99
37) CYCLOHEXANE	10.37	84	15462	0.48	PPBV	98
38) TRICHLOROETHYLENE	11.12	95	20896	0.56	PPBV	98
39) 1,2-DICHLOROPROPANE	10.90	63	13905	0.57	PPBV	95
40) BROMODICHLOROMETHANE	11.08	83	38252	0.60	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	56796	0.54	PPBV	96
42) 1,4-DIOXANE	11.24	88	11549	0.98	PPBV	90
43) HEPTANE	11.36	43	16773	0.49	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10644.D
Acq On : 14 Jun 2007 12:15 pm
Operator : danat
Sample : ic552-0.5 (m140)
Misc : MS13724, MSJ552,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 14 13:50:12 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:48:21 2007
Response via : Initial Calibration

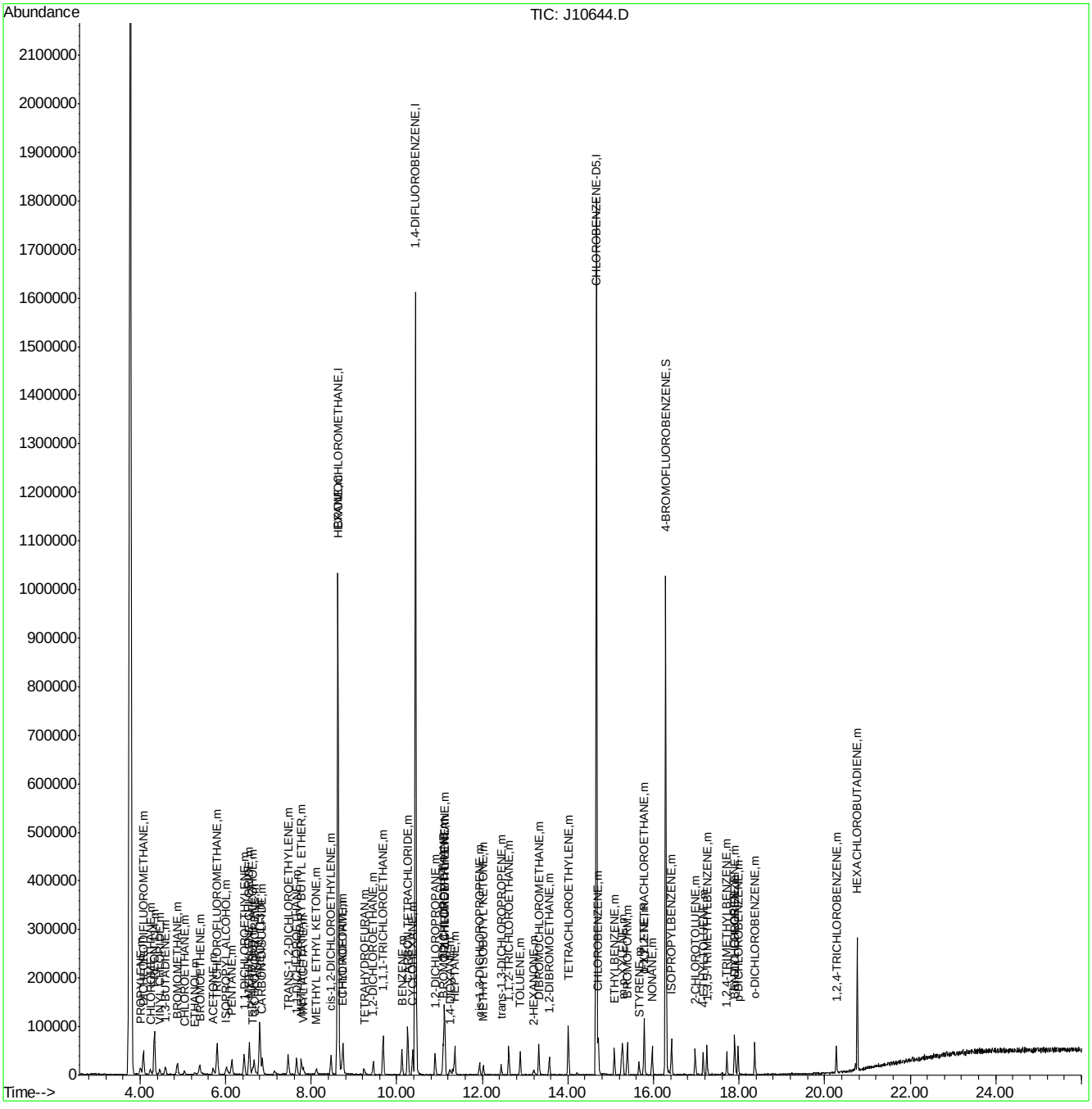
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.02	43	13864	0.34	PPBV	91
45) cis-1,3-DICHLOROPROPENE	11.93	75	14103	0.42	PPBV	99
46) TOLUENE	12.89	92	20146	0.41	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.44	75	11446	0.38	PPBV	100
48) 1,1,2-TRICHLOROETHANE	12.61	83	14120	0.54	PPBV	97
50) 2-HEXANONE	13.20	43	10180	0.38	PPBV	80
51) TETRACHLOROETHYLENE	14.01	164	23865	0.59	PPBV	98
52) DIBROMOCHLOROMETHANE	13.32	129	33974	0.60	PPBV	99
53) 1,2-DIBROMOETHANE	13.57	107	23554	0.59	PPBV	97
54) CHLOROBENZENE	14.71	112	39559	0.64	PPBV	98
55) ETHYLBENZENE	15.09	91	35187	0.39	PPBV	97
56) m,p-XYLENE	15.28	106	30767m	0.86	PPBV	
57) o-XYLENE	15.78	106	14776	0.40	PPBV	92
58) STYRENE	15.66	104	14281	0.32	PPBV	99
59) NONANE	15.97	43	15421	0.40	PPBV	97
60) BROMOFORM	15.39	173	31340	0.55	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	32245	0.58	PPBV	99
63) ISOPROPYLBENZENE	16.42	105	42467	0.40	PPBV	98
64) 2-CHLOROTOLUENE	16.97	91	28208	0.39	PPBV	98
65) 4-ETHYLTOLUENE	17.16	105	27968	0.31	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.24	105	30027	0.35	PPBV	96
67) 1,2,4-TRIMETHYLBENZENE	17.71	105	22894	0.29	PPBV	96
68) m-DICHLOROBENZENE	17.90	146	30907	0.56	PPBV	98
69) BENZYL CHLORIDE	17.88	91	15818	0.38	PPBV	100
70) p-DICHLOROBENZENE	17.98	146	27113	0.54	PPBV	97
71) o-DICHLOROBENZENE	18.37	146	28772	0.54	PPBV	97
72) HEXACHLOROBUTADIENE	20.76	225	47079	1.03	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	18041	0.98	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10644.D
Acq On : 14 Jun 2007 12:15 pm
Operator : danat
Sample : ic552-0.5 (m140)
Misc : MS13724, MSJ552,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 14 13:50:12 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:48:21 2007
Response via : Initial Calibration

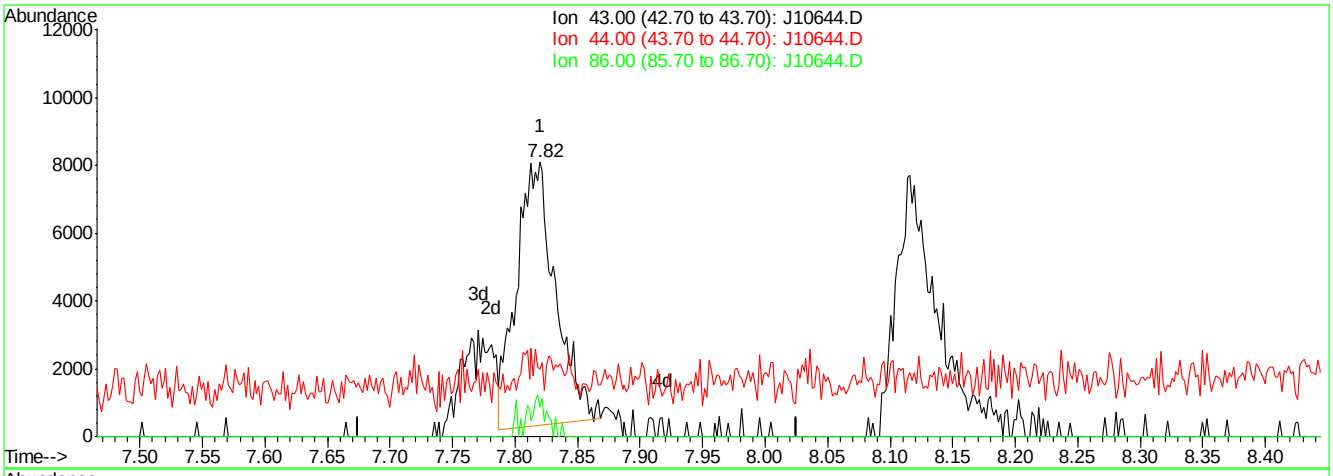

Abundance
TIC: J10644.D
Time-->
1,4-DIFLUOROBENZENE,I
CHLOROBENZENE-D5,I
4-BROMOFLUOROBENZENE,S
HEXACHLOROMETHANE,I
ISOPROPYLBENZENE,m
HEXACHLOROBUTADIENE,m
1,2,4-TRICHLOROBENZENE,m
o-DICHLOROBENZENE,m
TETRACHLOROETHYLENE,m
TETRACHLOROETHANE,m
TOLUENE,m
BENZENE,m
CHLOROBENZENE,m
ETHYLBENZENE,m
STYRENE,m
NONANE,m
2-CHLOROTOLUENE,m
cis-1,2-DICHLOROETHYLENE,m
METHYL ETHYL KETONE,m
TRANS-1,2-DICHLOROETHYLENE,m
ACETONE,m
ISOPROPYL ALCOHOL,m
VINYL ACETATE,m
1,3-BUTADIENE,m
PROPYLENE,m
ETHANOL,m
BROMOETHENE,m
CARBON DISULFIDE,m
1,2-DICHLOROETHANE,m
1,1,1-TRICHLOROETHANE,m
TETRAHYDROFURAN,m
1,2-DICHLOROPROPANE,m
trans-1,3-DICHLOROPROPENE,m
1,1,2-TRICHLOROETHANE,m
2-HEXANONE,m
1,2-DIBROMOETHANE,m
1,2,4-TRIMETHYLBENZENE,m
1,3,5-TRIMETHYLBENZENE,m
p-DICHLOROBENZENE,m
BROMOFORM,m
HEPTANE,m
1,4-DICHLOROBENZENE,m
CYCLOHEXANE,m
METHYL TERT BUTYL ETHER,m
CHLOROFORM,m
CARBON TETRACHLORIDE,m
BROMOMETHANE,m
CHLOROETHANE,m
CHLOROETHENE,m
CHLOROMETHANE,m
DICHLOROFLUOROMETHANE,m
BROMOCHLOROMETHANE,m
BROMODICHLOROMETHANE,m
DIBROMOCHLOROMETHANE,m
TRIBROMOMETHANE,m
1,2-DIBROMO-3-CHLOROPROPANE,m
1,2,3-TRICHLOROPROPANE,m
1,3-DICHLOROPROPANE,m
2-CHLOROETHYL VINYL ETHER,m
1,4-DIOXANE,m
2-BUTANONE,m
2-HEXANONE,m
4-METHYL-2-PENTANONE,m
2-CHLOROETHYLBENZENE,m
1,2-DIBROMOETHANE,m
1,2-DIBROMO-3-CHLOROPROPANE,m
1,3,5-TRIBROMOBENZENE,m
1,2,4-TRIBROMOBENZENE,m
1,2,3-TRIBROMOBENZENE,m
1,2-DICHLOROETHYLENE,m
1,2-DICHLOROETHANE,m
1,1,1-TRICHLOROETHANE,m
1,1,2-TRICHLOROETHANE,m
1,1-DICHLOROPROPENE,m
1,1-DICHLOROPROPANE,m
1,1-DICHLOROETHANE,m
1,1-DICHLOROETHENE,m
1,1,2,2-TETRACHLOROETHANE,m
1,1,2-TRICHLOROETHANE,m
1,1,2,2-TETRACHLOROETHANE,m
1,1,1,2-TETRACHLOROETHANE,m
1,1,1,2-TETRACHLOROETHANE,m
1,1,1

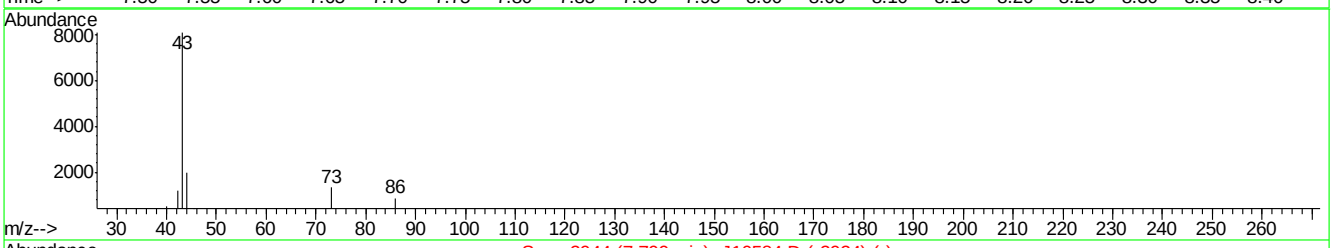
Quantitation Report (Qedit)

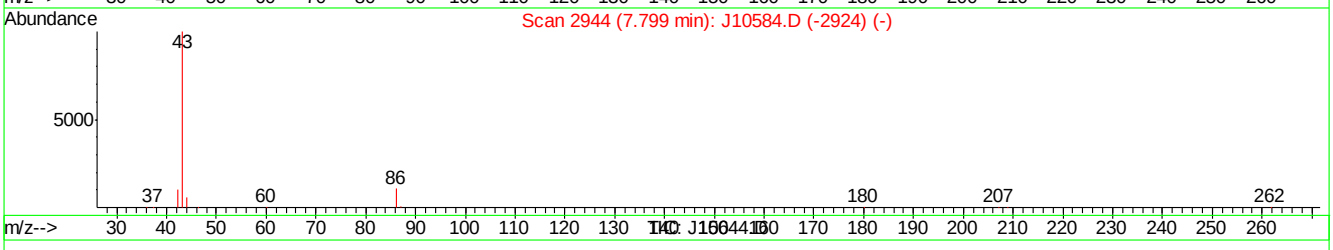
Data File : C:\MSDChem\1\data\J10644.D Vial: 1
Acq On : 14 Jun 2007 12:15 pm Operator: danat
Sample : ic552-0.5 (m140) Inst : MSJ
Misc : MS13724, MSJ552,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 14 13:48:34 2007 Results File: J061407T.RES

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 14 13:48:21 2007
Response via : Multiple Level Calibration







(26) VINYL ACETATE (m)

7.82min 0.38PPBV

response 17001

Ion	Exp%	Act%
43.00	100	100
44.00	6.90	6.09
86.00	8.90	6.45
0.00	0.00	0.00

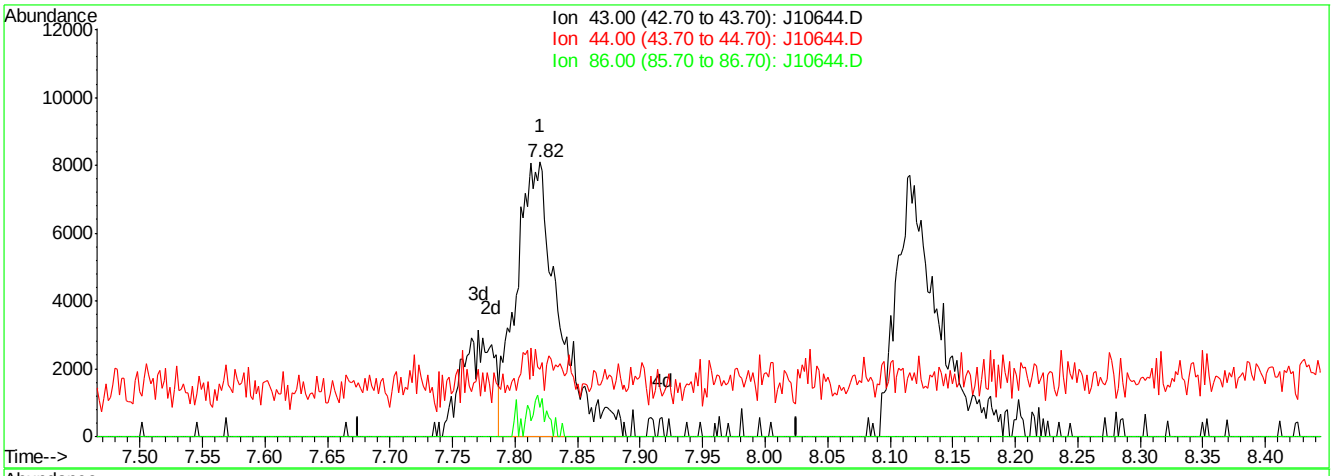
J10644.D J061407T.M Thu Jun 14 13:49:31 2007

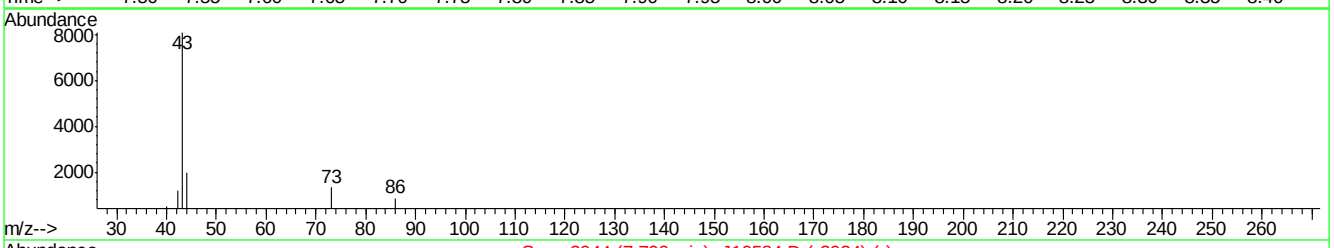
Quantitation Report (Qedit)

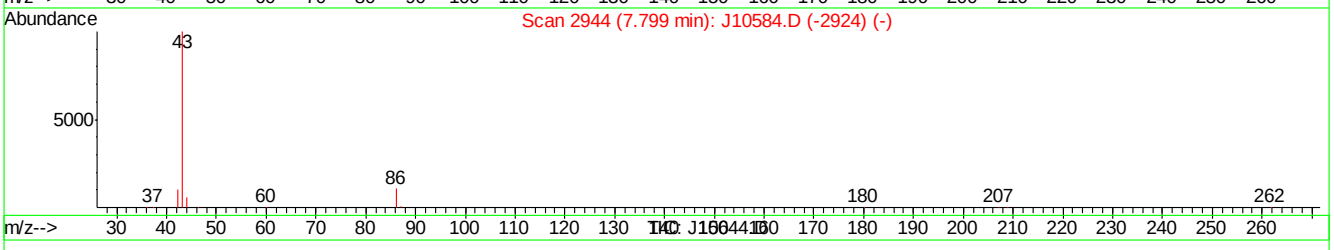
Data File : C:\MSDChem\1\data\J10644.D Vial: 1
Acq On : 14 Jun 2007 12:15 pm Operator: danat
Sample : ic552-0.5 (m140) Inst : MSJ
Misc : MS13724, MSJ552,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 14 13:48:34 2007 Results File: J061407T.RES

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 14 13:48:21 2007
Response via : Multiple Level Calibration







(26) VINYL ACETATE (m)

7.82min 0.44PPBV m

response 19526

Ion	Exp%	Act%
43.00	100	100
44.00	6.90	5.31
86.00	8.90	5.61
0.00	0.00	0.00

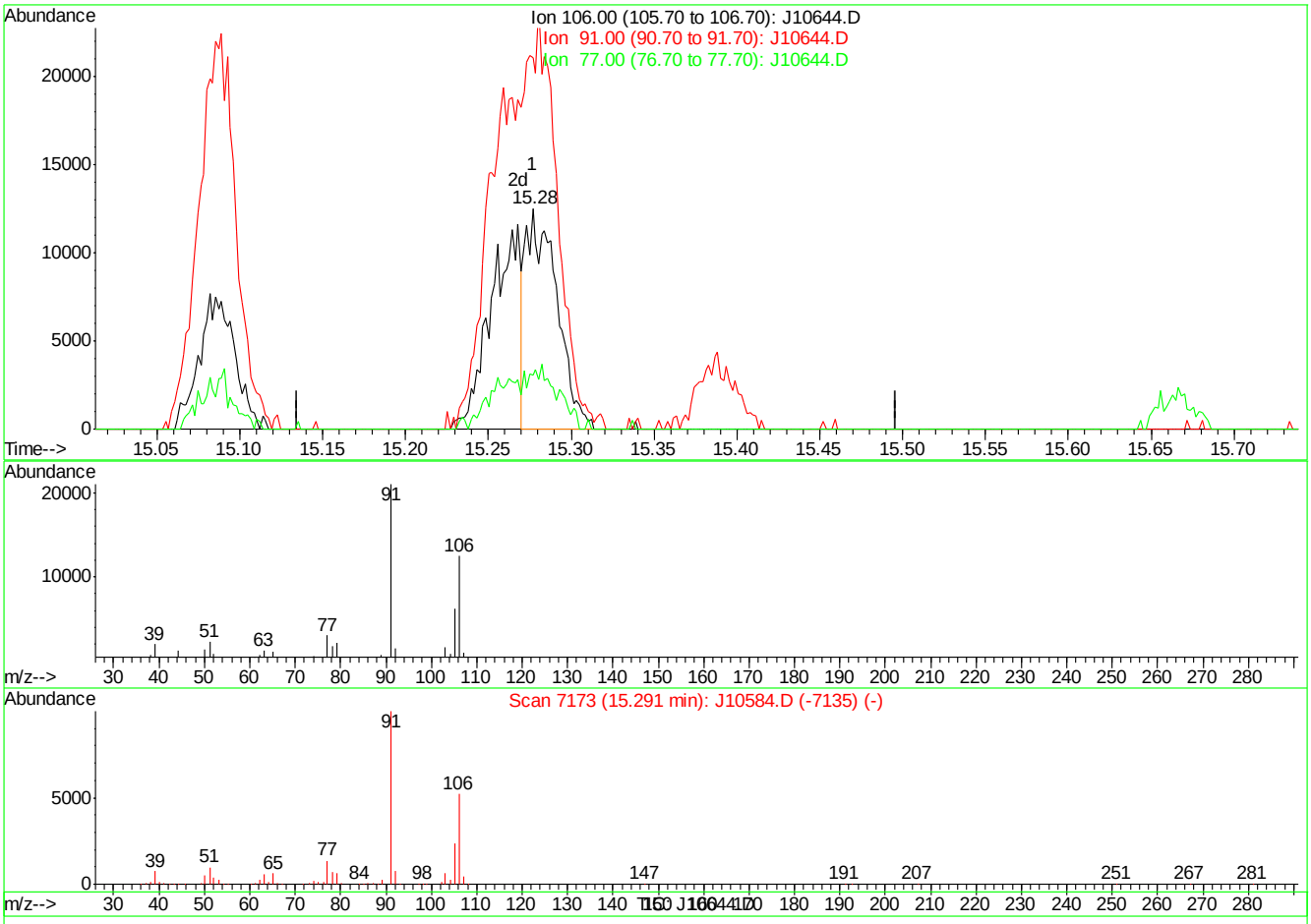
J10644.D J061407T.M Thu Jun 14 13:49:39 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10644.D Vial: 1
Acq On : 14 Jun 2007 12:15 pm Operator: danat
Sample : ic552-0.5 (m140) Inst : MSJ
Misc : MS13724, MSJ552,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 14 13:48:34 2007 Results File: J061407T.RES

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 14 13:48:21 2007
Response via : Multiple Level Calibration



(56) m,p-XYLENE (m)

15.28min 0.46PPBV

response 16455

Ion	Exp%	Act%
106.00	100	100
91.00	191.60	168.24
77.00	25.70	24.64
0.00	0.00	0.00

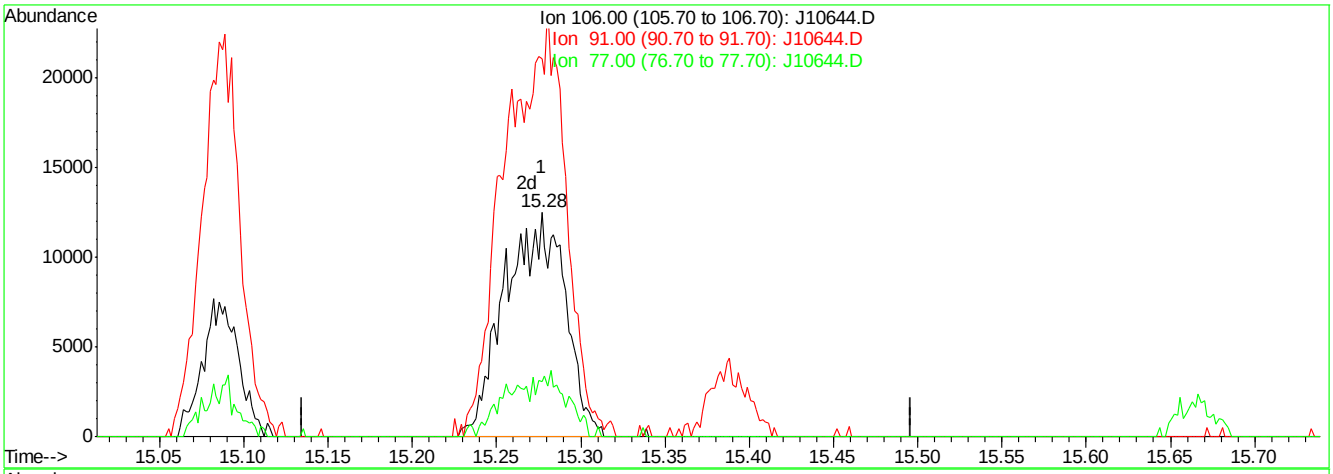
J10644.D J061407T.M Thu Jun 14 13:50:11 2007

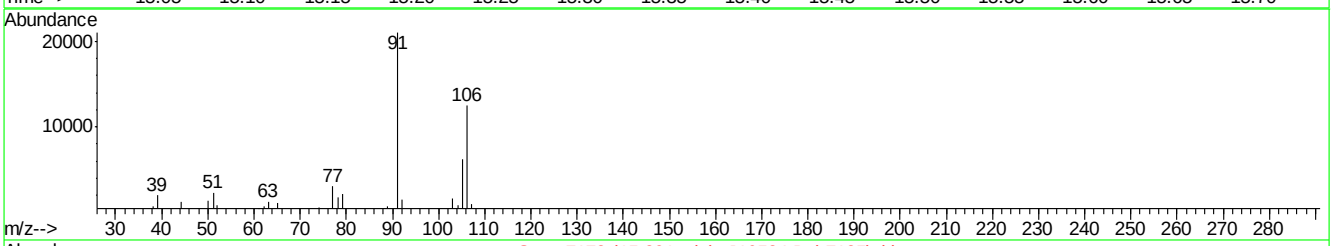
Quantitation Report (Qedit)

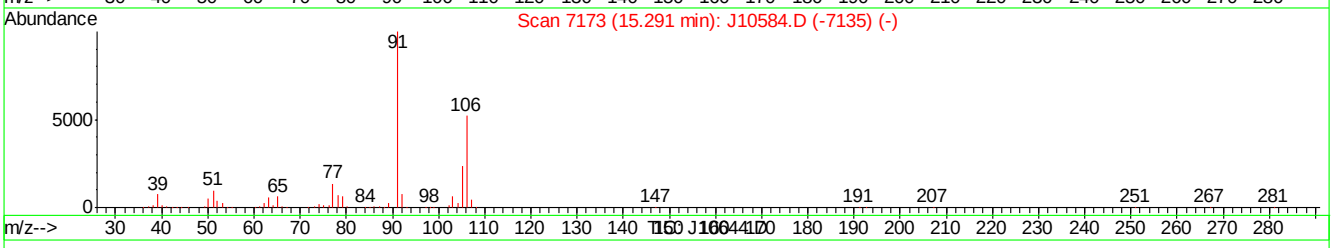
Data File : C:\MSDChem\1\data\J10644.D Vial: 1
Acq On : 14 Jun 2007 12:15 pm Operator: danat
Sample : ic552-0.5 (m140) Inst : MSJ
Misc : MS13724, MSJ552,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 14 13:48:34 2007 Results File: J061407T.RES

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 14 13:48:21 2007
Response via : Multiple Level Calibration







(56) m,p-XYLENE (m)

15.28min 0.86PPBV m

response 30767

Ion	Exp%	Act%
106.00	100	100
91.00	191.60	168.24
77.00	25.70	24.64
0.00	0.00	0.00

J10644.D J061407T.M Thu Jun 14 13:50:16 2007

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 06/18/07 12:49

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10645.D
Acq On : 14 Jun 2007 1:04 pm
Operator : danat
Sample : ic552-0.2 (m140)
Misc : MS13724, MSJ552,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 14 13:53:30 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:48:21 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	288795	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.43	114	1161747	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.66	117	936380	10.00	PPBV	-0.02
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.28	95	223219	3.93	PPBV	-0.02
Spiked Amount 5.000	Range 51 - 142		Recovery = 78.60%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	24896	0.25	PPBV	97
3) PROPYLENE	4.00	41	3127	0.18	PPBV #	65
4) FREON 114	4.33	85	22045	0.24	PPBV	96
5) CHLOROMETHANE	4.24	50	5029m	0.21	PPBV	
6) VINYL CHLORIDE	4.45	62	4866	0.17	PPBV #	61
7) 1,3-BUTADIENE	4.59	39	2804	0.14	PPBV #	72
8) BROMOMETHANE	4.86	94	6852	0.21	PPBV #	13
9) CHLOROETHANE	5.04	64	2109m	0.16	PPBV	
10) TRICHLOROFLUOROMETHANE	5.79	101	25650	0.25	PPBV	96
13) PENTANE	6.14	42	4861	0.20	PPBV	91
14) 1,1-DICHLOROETHYLENE	6.42	96	5838	0.19	PPBV	96
15) CARBON DISULFIDE	6.85	76	21192	0.23	PPBV	88
17) BROMOETHENE	5.39	106	5525	0.18	PPBV #	94
18) METHYLENE CHLORIDE	6.55	84	14930	0.32	PPBV	93
19) 3-CHLOROPROPENE	6.65	39	3231	0.16	PPBV #	50
20) FREON 113	6.79	151	16769	0.25	PPBV	92
21) TRANS-1,2-DICHLOROETHYLENE	7.45	96	5817	0.20	PPBV #	8
23) METHYL TERTIARY BUTYL ETHE	7.79	73	8053	0.13	PPBV #	66
25) HEXANE	8.64	57	8494	0.21	PPBV	90
27) 1,1-DICHLOROETHANE	7.65	63	9980	0.20	PPBV	75
28) METHYL ETHYL KETONE	8.14	43	6362	0.18	PPBV	80
29) cis-1,2-DICHLOROETHYLENE	8.46	96	5537	0.19	PPBV	97
30) ETHYL ACETATE	8.73	43	7036	0.19	PPBV #	86
31) CHLOROFORM	8.74	83	13337	0.19	PPBV	92
32) 1,1,1-TRICHLOROETHANE	9.67	97	15391	0.21	PPBV	99
33) CARBON TETRACHLORIDE	10.25	117	19306	0.22	PPBV	94
34) 1,2-DICHLOROETHANE	9.45	62	6677	0.17	PPBV	90
36) BENZENE	10.12	78	11654	0.18	PPBV	92
37) CYCLOHEXANE	10.37	84	4033	0.14	PPBV	96
38) TRICHLOROETHYLENE	11.11	95	6030	0.18	PPBV	98
39) 1,2-DICHLOROPROPANE	10.90	63	3754	0.17	PPBV	79
40) BROMODICHLOROMETHANE	11.09	83	12383	0.22	PPBV	96
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	12405	0.13	PPBV	87
43) HEPTANE	11.36	43	3964	0.13	PPBV #	50
45) cis-1,3-DICHLOROPROPENE	11.93	75	3274	0.11	PPBV	95
46) TOLUENE	12.89	92	4908	0.11	PPBV #	1
47) trans-1,3-DICHLOROPROPENE	12.44	75	2817	0.10	PPBV #	78
48) 1,1,2-TRICHLOROETHANE	12.62	83	4356	0.19	PPBV	97
51) TETRACHLOROETHYLENE	14.01	164	7437	0.20	PPBV	94
52) DIBROMOCHLOROMETHANE	13.32	129	10609	0.21	PPBV	99
53) 1,2-DIBROMOETHANE	13.56	107	6089	0.17	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10645.D
Acq On : 14 Jun 2007 1:04 pm
Operator : danat
Sample : ic552-0.2 (m140)
Misc : MS13724, MSJ552,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 14 13:53:30 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:48:21 2007
Response via : Initial Calibration

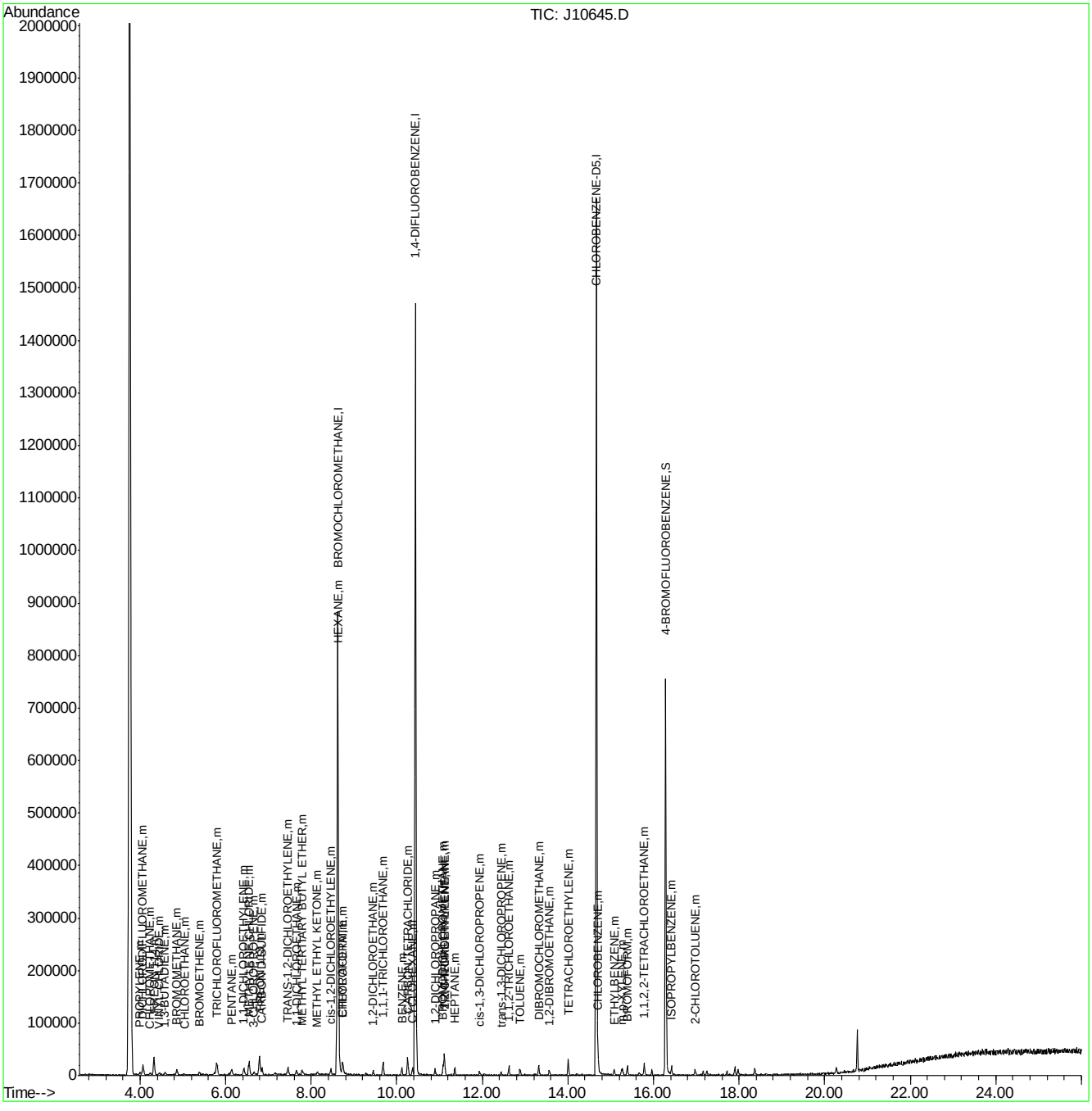
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) CHLOROBENZENE	14.71	112	12027	0.21	PPBV	100
55) ETHYLBENZENE	15.09	91	8568	0.10	PPBV	91
56) m,p-XYLENE	15.26	106	6449m	0.20	PPBV	
60) BROMOFORM	15.39	173	8741	0.17	PPBV	94
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	8229	0.16	PPBV	97
63) ISOPROPYLBENZENE	16.42	105	9772	0.10	PPBV	96
64) 2-CHLOROTOLUENE	16.97	91	6505	0.10	PPBV	91

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10645.D
Acq On : 14 Jun 2007 1:04 pm
Operator : danat
Sample : ic552-0.2 (m140)
Misc : MS13724, MSJ552,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 14 13:53:30 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:48:21 2007
Response via : Initial Calibration



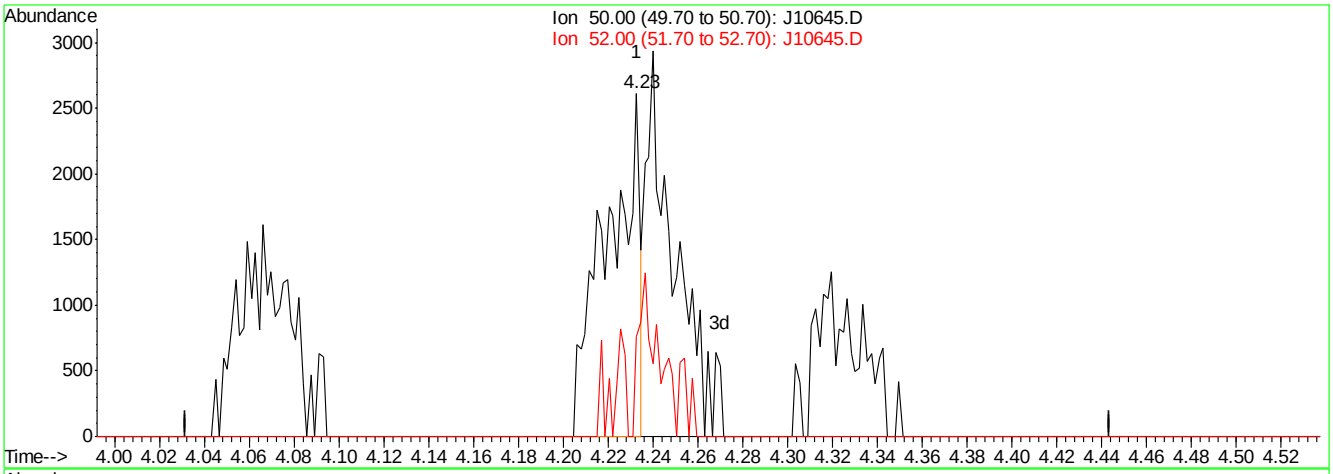
ACCUTEST Laboratories
M65607

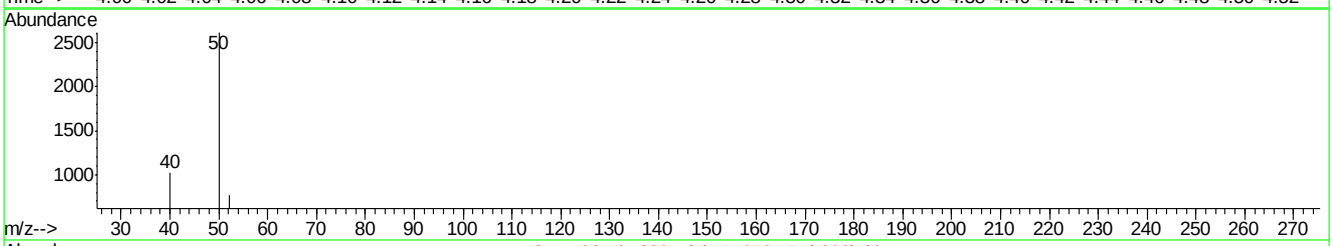
Quantitation Report (Qedit)

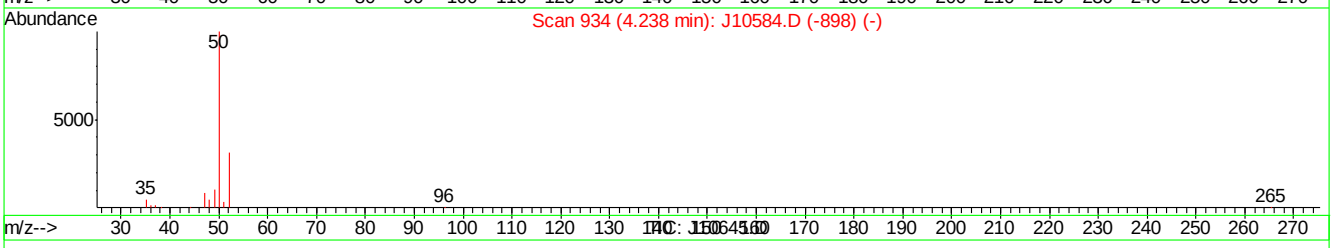
Data File : C:\MSDChem\1\data\J10645.D Vial: 1
Acq On : 14 Jun 2007 1:04 pm Operator: danat
Sample : ic552-0.2 (m140) Inst : MSJ
Misc : MS13724, MSJ552,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 14 13:50:43 2007 Results File: J061407T.RES

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 14 13:48:21 2007
Response via : Multiple Level Calibration







(5) CHLOROMETHANE (m)

4.23min 0.11PPBV

response 2613

Ion	Exp%	Act%
50.00	100	100
52.00	31.70	17.20
0.00	0.00	0.00
0.00	0.00	0.00

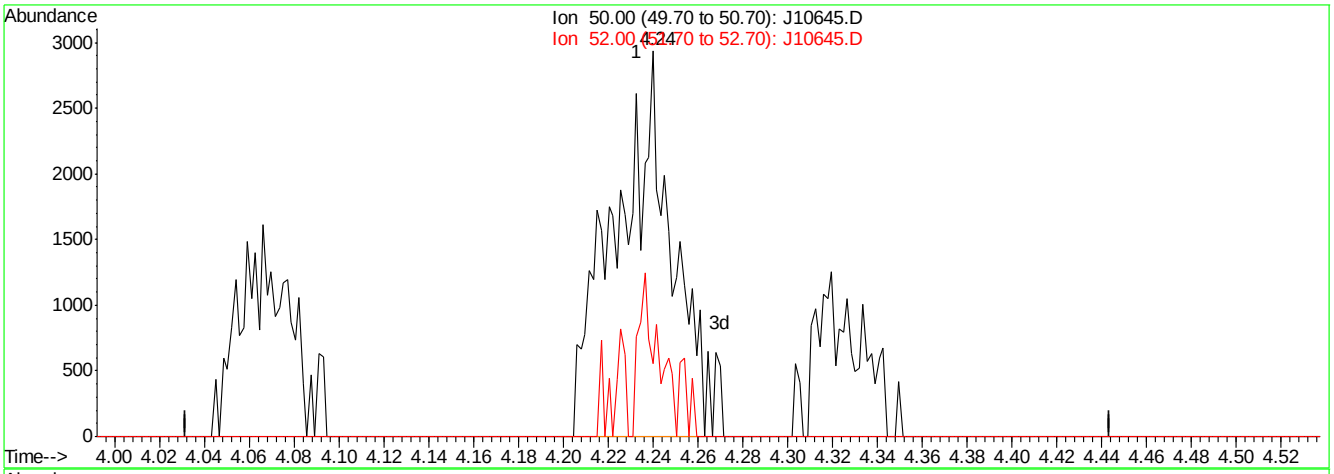
J10645.D J061407T.M Thu Jun 14 13:51:11 2007

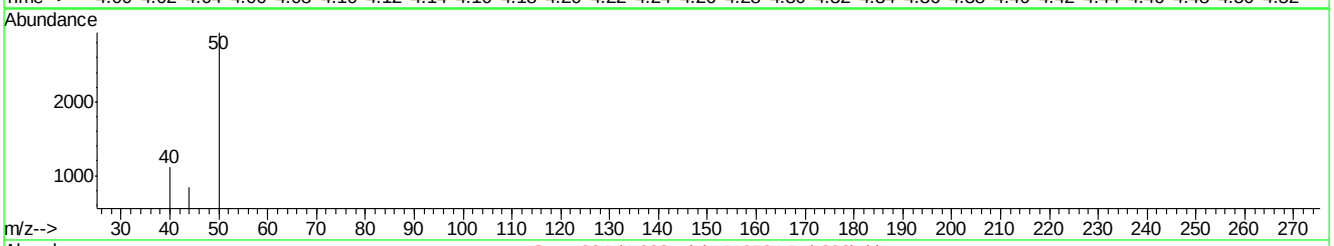
Quantitation Report (Qedit)

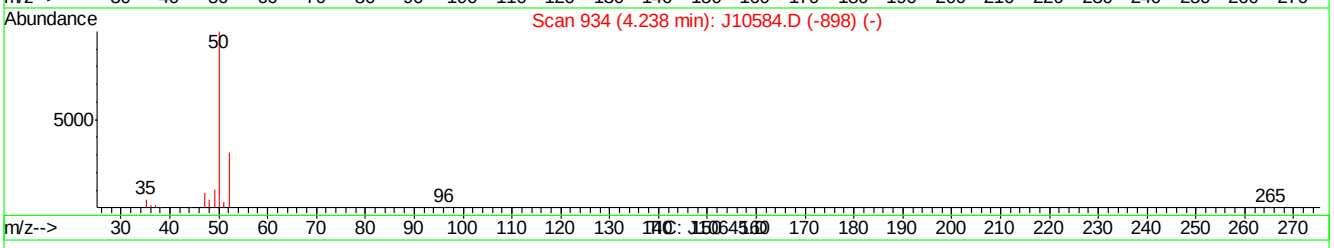
Data File : C:\MSDChem\1\data\J10645.D Vial: 1
Acq On : 14 Jun 2007 1:04 pm Operator: danat
Sample : ic552-0.2 (m140) Inst : MSJ
Misc : MS13724, MSJ552,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 14 13:50:43 2007 Results File: J061407T.RES

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 14 13:48:21 2007
Response via : Multiple Level Calibration







(5) CHLOROMETHANE (m)

4.24min 0.21PPBV m

response 5029

Ion	Exp%	Act%
50.00	100	100
52.00	31.70	18.81
0.00	0.00	0.00
0.00	0.00	0.00

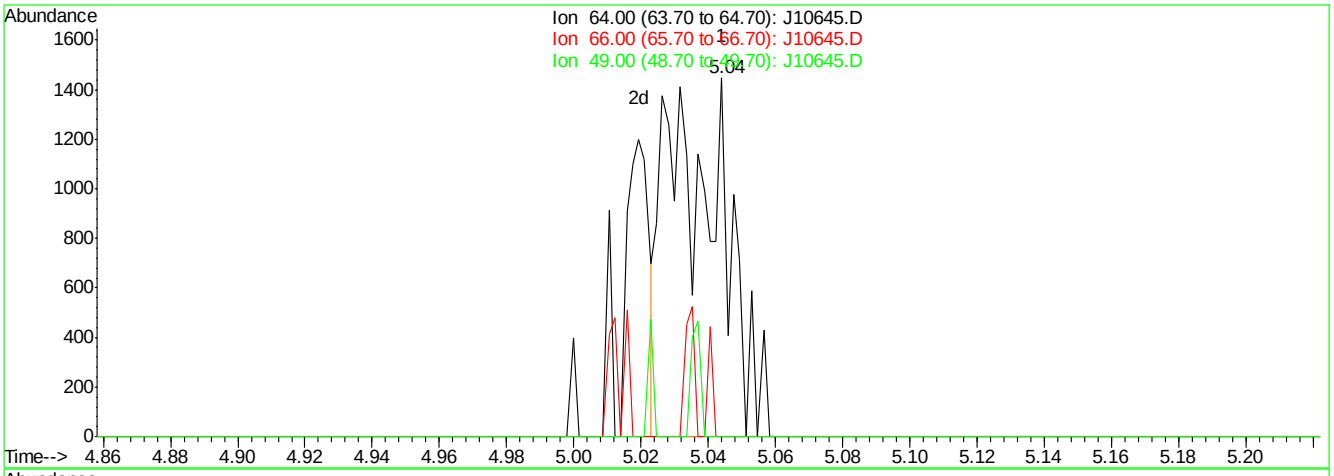
J10645.D J061407T.M Thu Jun 14 13:51:16 2007

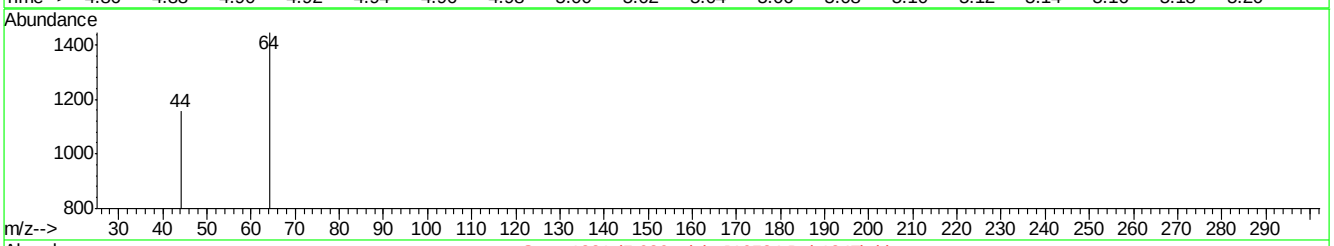
Quantitation Report (Qedit)

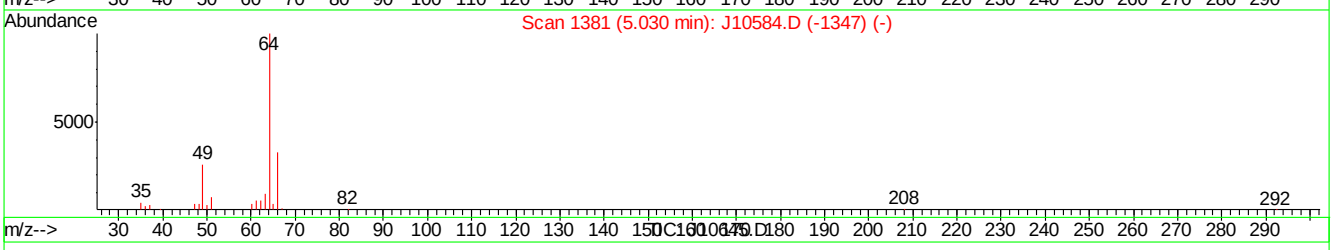
Data File : C:\MSDChem\1\data\J10645.D Vial: 1
Acq On : 14 Jun 2007 1:04 pm Operator: danat
Sample : ic552-0.2 (m140) Inst : MSJ
Misc : MS13724, MSJ552,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 14 13:50:43 2007 Results File: J061407T.RES

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 14 13:48:21 2007
Response via : Multiple Level Calibration







(9) CHLOROETHANE (m)

5.04min 0.12PPBV

response 1637

Ion	Exp%	Act%
64.00	100	100
66.00	32.90	9.22#
49.00	28.80	5.62#
0.00	0.00	0.00

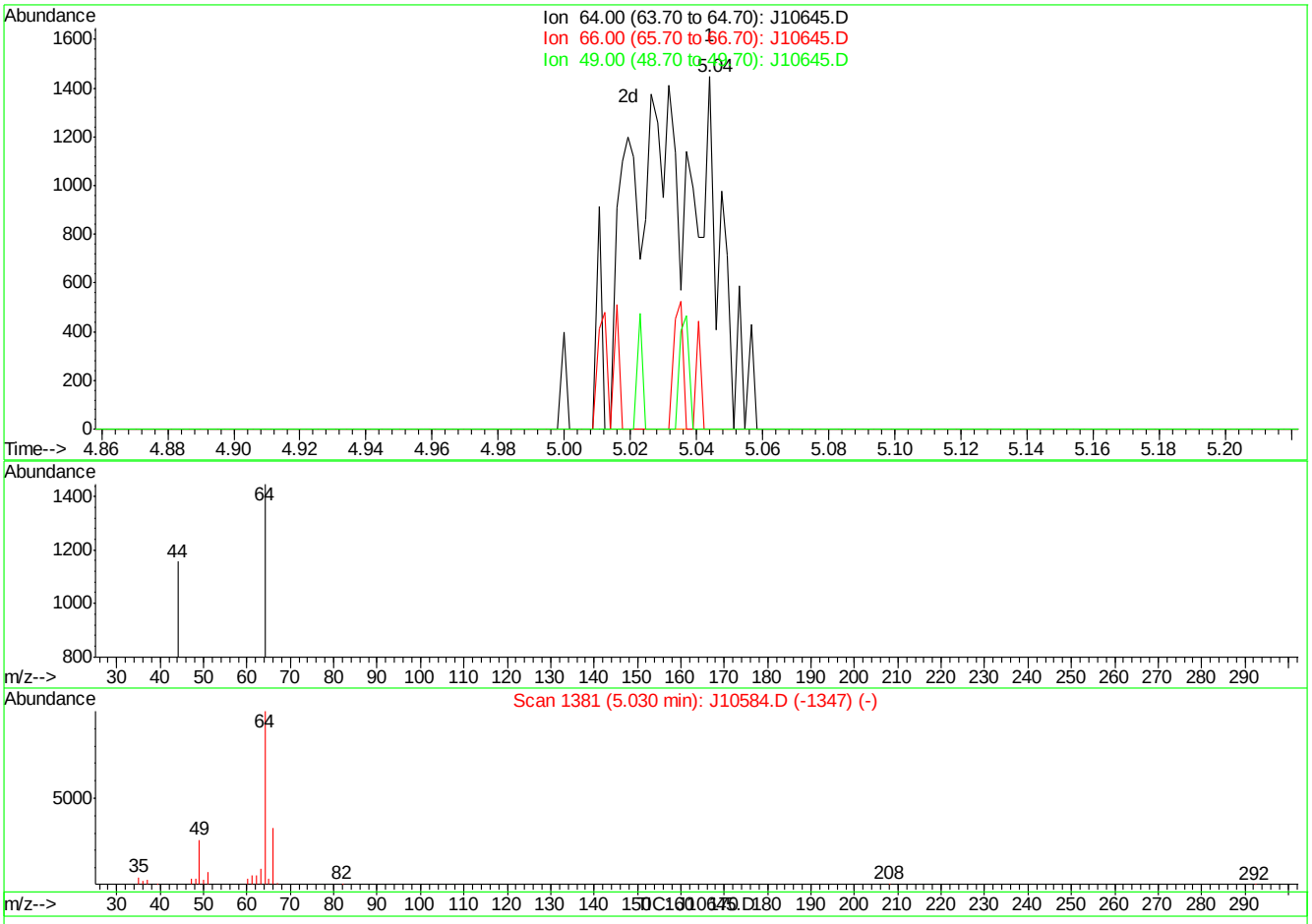
J10645.D J061407T.M Thu Jun 14 13:51:30 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10645.D Vial: 1
Acq On : 14 Jun 2007 1:04 pm Operator: danat
Sample : ic552-0.2 (m140) Inst : MSJ
Misc : MS13724, MSJ552,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 14 13:50:43 2007 Results File: J061407T.RES

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 14 13:48:21 2007
Response via : Multiple Level Calibration



(9) CHLOROETHANE (m)

5.04min 0.16PPBV m

response 2109

Ion	Exp%	Act%
64.00	100	100
66.00	32.90	7.16#
49.00	28.80	4.36#
0.00	0.00	0.00

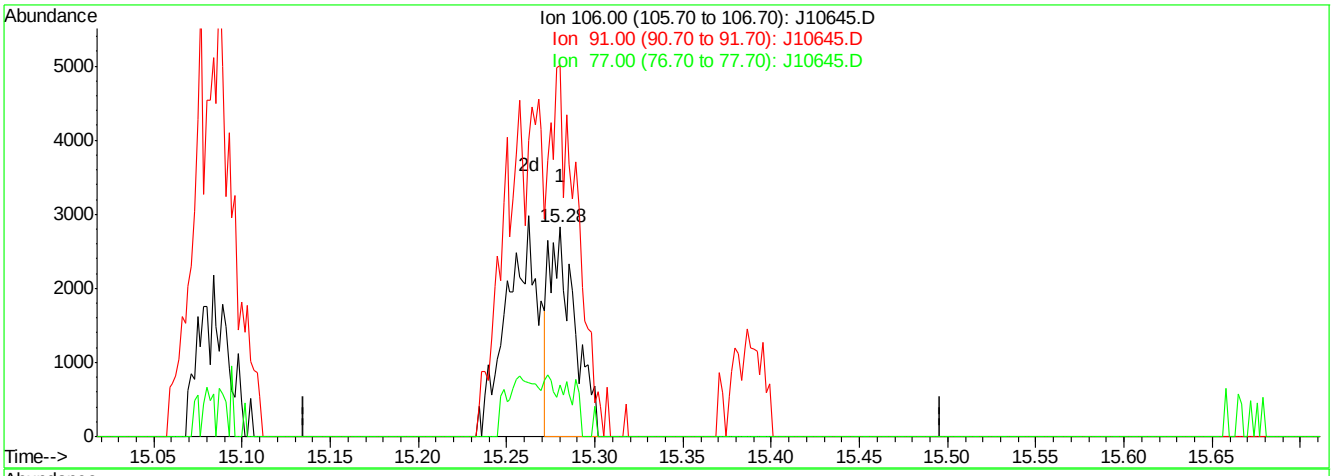
J10645.D J061407T.M Thu Jun 14 13:51:35 2007

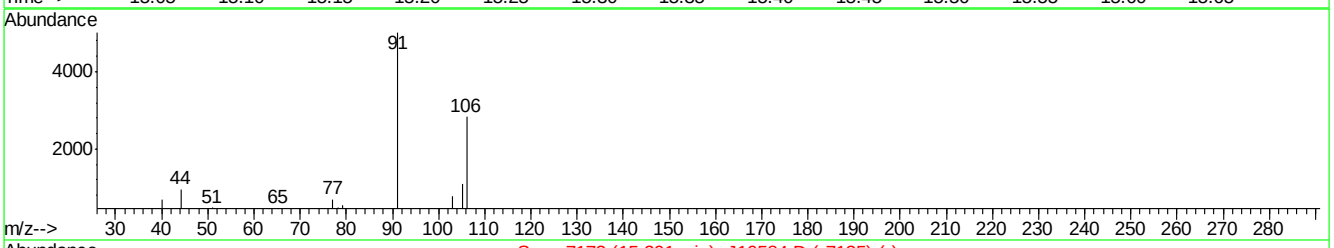
Quantitation Report (Qedit)

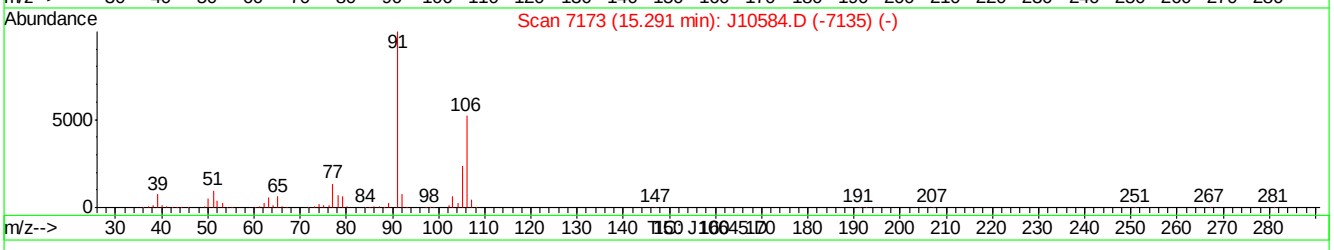
Data File : C:\MSDChem\1\data\J10645.D Vial: 1
Acq On : 14 Jun 2007 1:04 pm Operator: danat
Sample : ic552-0.2 (m140) Inst : MSJ
Misc : MS13724, MSJ552,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 14 13:50:43 2007 Results File: J061407T.RES

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 14 13:48:21 2007
Response via : Multiple Level Calibration







(56) m,p-XYLENE (m)

15.28min 0.09PPBV

response 2812

Ion	Exp%	Act%
106.00	100	100
91.00	191.60	177.40
77.00	25.70	24.37
0.00	0.00	0.00

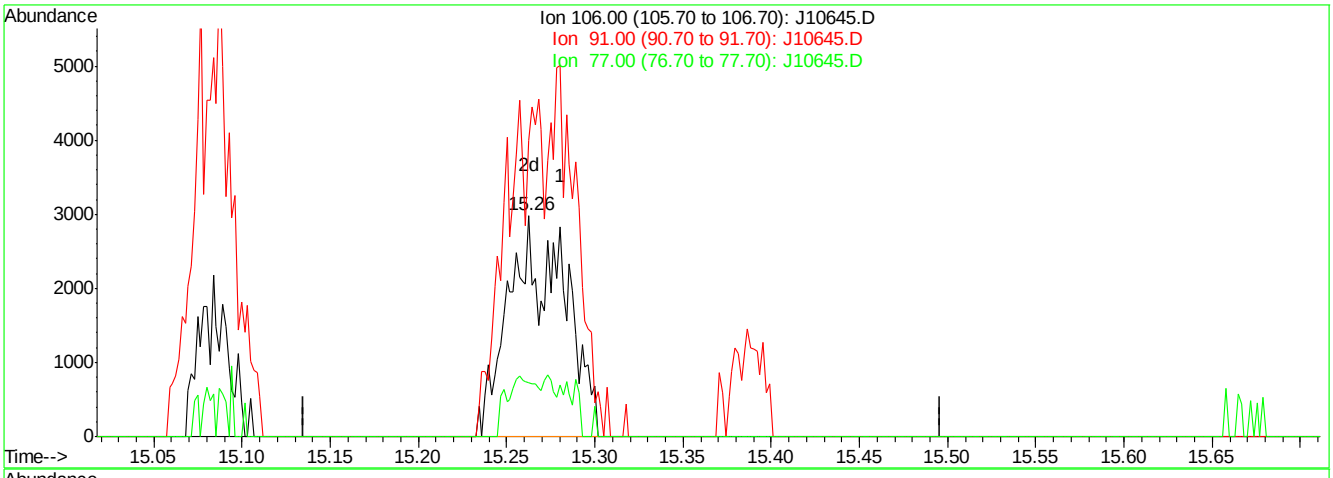
J10645.D J061407T.M Thu Jun 14 13:52:59 2007

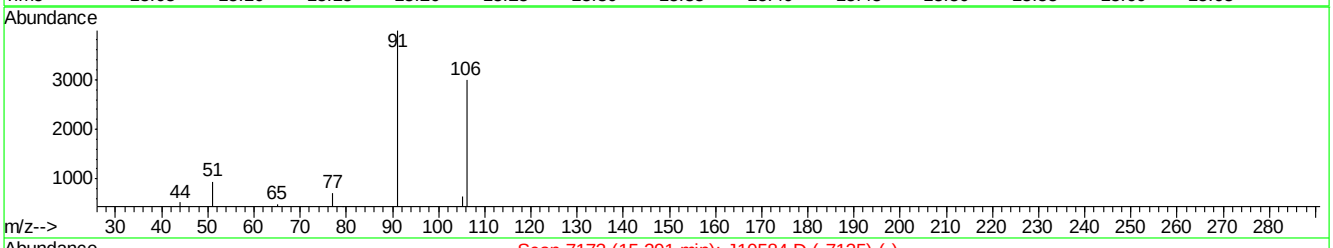
Quantitation Report (Qedit)

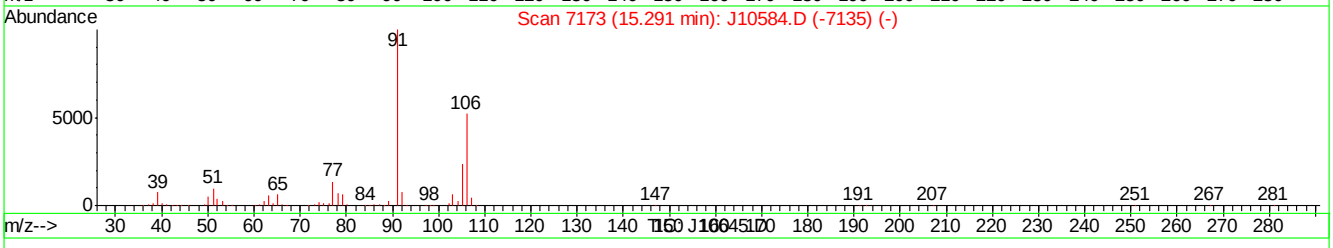
Data File : C:\MSDChem\1\data\J10645.D Vial: 1
Acq On : 14 Jun 2007 1:04 pm Operator: danat
Sample : ic552-0.2 (m140) Inst : MSJ
Misc : MS13724, MSJ552,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 14 13:50:43 2007 Results File: J061407T.RES

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 14 13:48:21 2007
Response via : Multiple Level Calibration







(56) m,p-XYLENE (m)

15.26min 0.20PPBV m

response 6449

Ion	Exp%	Act%
106.00	100	100
91.00	191.60	133.57#
77.00	25.70	24.13
0.00	0.00	0.00

J10645.D J061407T.M Thu Jun 14 13:53:03 2007

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10646.D
Acq On : 14 Jun 2007 2:11 pm
Operator : danat
Sample : ic552-2 (m140)
Misc : MS13724, MSJ552,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 14 14:45:51 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:48:21 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	285081	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1131211	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	964799	10.00	PPBV	-0.01
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.29	95	294904	5.04	PPBV	-0.01
Spiked Amount 5.000	Range 51 - 142		Recovery = 100.80%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	243296	2.44	PPBV	99
3) PROPYLENE	4.00	41	33788	1.95	PPBV	95
4) FREON 114	4.33	85	228844	2.49	PPBV	98
5) CHLOROMETHANE	4.23	50	53583	2.23	PPBV	96
6) VINYL CHLORIDE	4.45	62	63853	2.26	PPBV	95
7) 1,3-BUTADIENE	4.59	39	40556	2.11	PPBV	97
8) BROMOMETHANE	4.87	94	76310	2.37	PPBV	97
9) CHLOROETHANE	5.03	64	31084	2.40	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.80	101	260581	2.55	PPBV	99
11) ISOPROPYL ALCOHOL	5.95	45	71914	2.20	PPBV	74
12) ACETONE	5.67	43	88179	2.28	PPBV	98
13) PENTANE	6.14	42	53741	2.24	PPBV	97
14) 1,1-DICHLOROETHYLENE	6.43	96	71215	2.37	PPBV	92
15) CARBON DISULFIDE	6.85	76	215604	2.38	PPBV	99
16) ETHANOL	5.24	45	13910	2.32	PPBV	80
17) BROMOETHENE	5.39	106	65928	2.18	PPBV	98
18) METHYLENE CHLORIDE	6.55	84	101689	2.24	PPBV	97
19) 3-CHLOROPROPENE	6.66	39	46414	2.28	PPBV	95
20) FREON 113	6.80	151	171931	2.59	PPBV	96
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	70181	2.43	PPBV	94
22) TERTIARY BUTYL ALCOHOL	6.56	59	87519	2.42	PPBV	78
23) METHYL TERTIARY BUTYL ETHE	7.74	73	125188	2.08	PPBV	98
24) TETRAHYDROFURAN	9.19	42	35975	1.83	PPBV	97
25) HEXANE	8.63	57	82434	2.07	PPBV	95
26) VINYL ACETATE	7.80	43	74418	1.94	PPBV	91
27) 1,1-DICHLOROETHANE	7.66	63	121801	2.53	PPBV	100
28) METHYL ETHYL KETONE	8.08	43	83464	2.42	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.46	96	66225	2.35	PPBV	98
30) ETHYL ACETATE	8.70	43	88183	2.36	PPBV	99
31) CHLOROFORM	8.74	83	166350	2.45	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.68	97	195458	2.64	PPBV	100
33) CARBON TETRACHLORIDE	10.25	117	231447	2.65	PPBV	100
34) 1,2-DICHLOROETHANE	9.44	62	89342	2.37	PPBV	99
36) BENZENE	10.12	78	164610	2.64	PPBV	99
37) CYCLOHEXANE	10.37	84	70384	2.50	PPBV	98
38) TRICHLOROETHYLENE	11.11	95	90778	2.77	PPBV	98
39) 1,2-DICHLOROPROPANE	10.89	63	56323	2.64	PPBV	95
40) BROMODICHLOROMETHANE	11.09	83	154494	2.77	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	260998	2.86	PPBV	97
42) 1,4-DIOXANE	11.20	88	32833	3.19	PPBV	97
43) HEPTANE	11.36	43	78125	2.60	PPBV	100

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10646.D
Acq On : 14 Jun 2007 2:11 pm
Operator : danat
Sample : ic552-2 (m140)
Misc : MS13724, MSJ552,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 14 14:45:51 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:48:21 2007
Response via : Initial Calibration

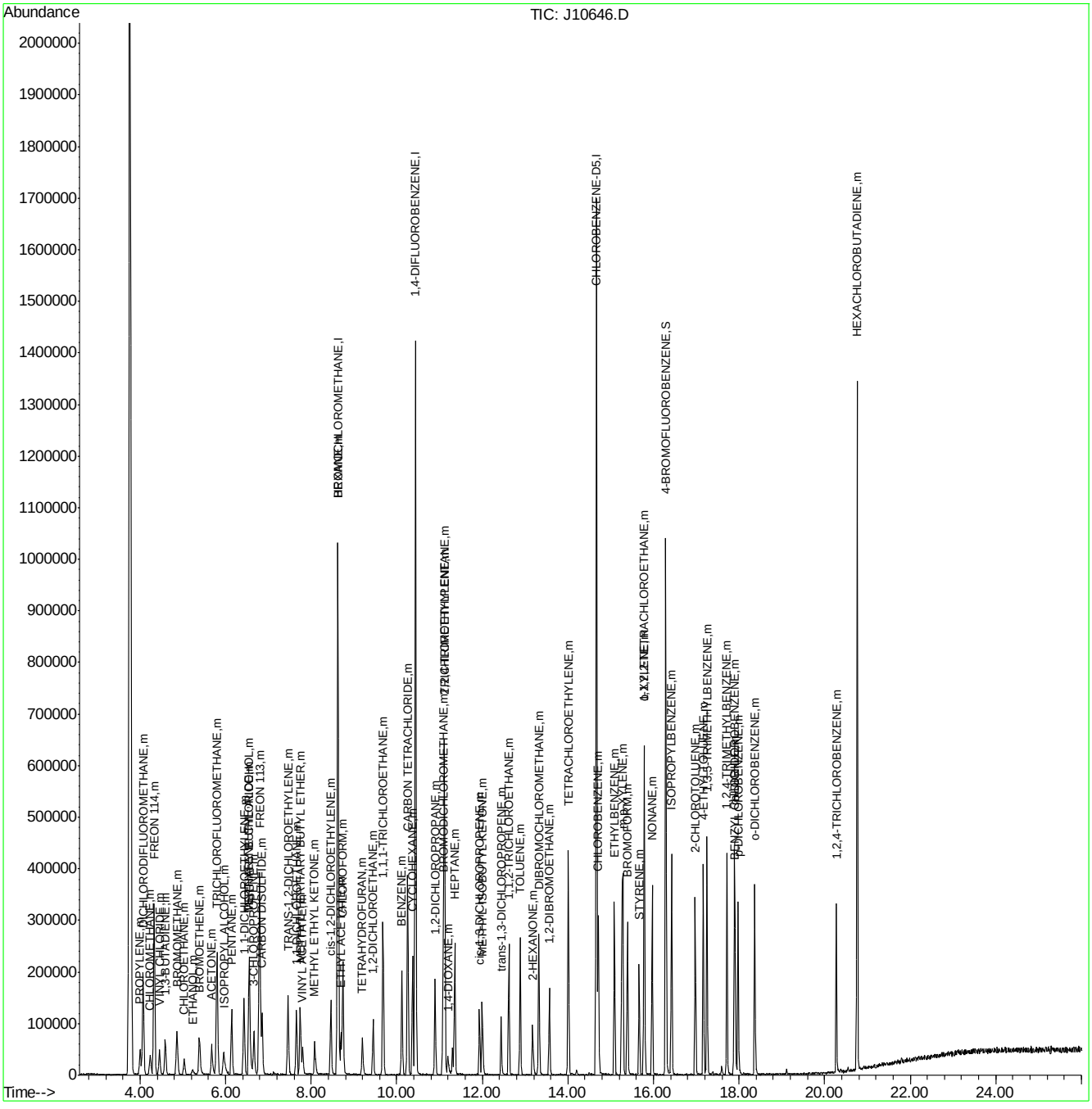
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.00	43	90612	2.59	PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.93	75	61743	2.13	PPBV	99
46) TOLUENE	12.89	92	98518	2.32	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.44	75	55671	2.13	PPBV	100
48) 1,1,2-TRICHLOROETHANE	12.62	83	59018	2.61	PPBV	97
50) 2-HEXANONE	13.18	43	66393	2.66	PPBV	94
51) TETRACHLOROETHYLENE	14.01	164	102122	2.69	PPBV	99
52) DIBROMOCHLOROMETHANE	13.32	129	150036	2.82	PPBV	98
53) 1,2-DIBROMOETHANE	13.57	107	101957	2.73	PPBV	99
54) CHLOROBENZENE	14.71	112	169884	2.94	PPBV	98
55) ETHYLBENZENE	15.09	91	199182	2.36	PPBV	98
56) m,p-XYLENE	15.28	106	181382	5.41	PPBV	98
57) o-XYLENE	15.78	106	89536	2.60	PPBV	99
58) STYRENE	15.67	104	96180	2.34	PPBV	98
59) NONANE	15.97	43	98394	2.74	PPBV	99
60) BROMOFORM	15.39	173	147351	2.78	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.78	83	156326	3.00	PPBV	99
63) ISOPROPYLBENZENE	16.42	105	261975	2.63	PPBV	99
64) 2-CHLOROTOLUENE	16.98	91	169984	2.48	PPBV	99
65) 4-ETHYLTOLUENE	17.17	105	209849	2.48	PPBV	97
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	225792	2.79	PPBV	100
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	188465	2.57	PPBV	97
68) m-DICHLOROBENZENE	17.90	146	163854	3.15	PPBV	99
69) BENZYL CHLORIDE	17.88	91	93810	2.41	PPBV	99
70) p-DICHLOROBENZENE	17.98	146	140809	2.98	PPBV	99
71) o-DICHLOROBENZENE	18.37	146	145919	2.94	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	226190	5.31	PPBV	100
73) 1,2,4-TRICHLOROBENZENE	20.27	180	92060	5.32	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10646.D
Acq On : 14 Jun 2007 2:11 pm
Operator : danat
Sample : ic552-2 (m140)
Misc : MS13724, MSJ552,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 14 14:45:51 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:48:21 2007
Response via : Initial Calibration



ACCUTEST Laboratories M65607

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10647.D
Acq On : 14 Jun 2007 2:58 pm
Operator : danat
Sample : ic552-5 (m173)
Misc : MS13724, MSJ552,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 15:27:26 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:48:21 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	222530	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	907413	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	747153	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.29	95	188407	4.16	PPBV	-0.01
Spiked Amount 5.000	Range 51 - 142		Recovery = 83.20%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	611517	7.86	PPBV	100
3) PROPYLENE	4.00	41	91076	6.73	PPBV	97
4) FREON 114	4.33	85	515372	7.19	PPBV	98
5) CHLOROMETHANE	4.23	50	132022	7.03	PPBV	100
6) VINYL CHLORIDE	4.45	62	149243	6.77	PPBV	98
7) 1,3-BUTADIENE	4.59	39	100343	6.69	PPBV	99
8) BROMOMETHANE	4.86	94	178074	7.09	PPBV	99
9) CHLOROETHANE	5.04	64	69814	6.91	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.79	101	571687	7.15	PPBV	100
11) ISOPROPYL ALCOHOL	5.94	45	126106	4.94	PPBV	77
12) ACETONE	5.67	43	145789	4.83	PPBV	99
13) PENTANE	6.14	42	121251	6.46	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.43	96	162146	6.91	PPBV	96
15) CARBON DISULFIDE	6.85	76	491862	6.97	PPBV	99
16) ETHANOL	5.22	45	22739	4.86	PPBV	83
17) BROMOETHENE	5.39	106	163927	6.94	PPBV	99
18) METHYLENE CHLORIDE	6.55	84	148797	4.20	PPBV	96
19) 3-CHLOROPROPENE	6.66	39	94456	5.96	PPBV	93
20) FREON 113	6.79	151	368429	7.11	PPBV	96
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	151238	6.70	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.55	59	163122	5.79	PPBV	82
23) METHYL TERTIARY BUTYL ETHE	7.74	73	247398	5.27	PPBV	98
24) TETRAHYDROFURAN	9.19	42	73196	4.77	PPBV	99
25) HEXANE	8.63	57	151902	4.89	PPBV	97
26) VINYL ACETATE	7.80	43	146135	4.88	PPBV	96
27) 1,1-DICHLOROETHANE	7.65	63	239884	6.38	PPBV	99
28) METHYL ETHYL KETONE	8.08	43	151185	5.62	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.46	96	137351	6.24	PPBV	96
30) ETHYL ACETATE	8.69	43	161279	5.54	PPBV	99
31) CHLOROFORM	8.74	83	332631	6.28	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.68	97	382280	6.62	PPBV	100
33) CARBON TETRACHLORIDE	10.25	117	500456	7.35	PPBV	99
34) 1,2-DICHLOROETHANE	9.45	62	178702	6.07	PPBV	100
36) BENZENE	10.12	78	324836	6.49	PPBV	99
37) CYCLOHEXANE	10.37	84	174416	7.71	PPBV	98
38) TRICHLOROETHYLENE	11.11	95	184375	7.02	PPBV	97
39) 1,2-DICHLOROPROPANE	10.90	63	106550	6.22	PPBV	95
40) BROMODICHLOROMETHANE	11.09	83	302622	6.77	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	535965	7.33	PPBV	98
42) 1,4-DIOXANE	11.18	88	49970	6.05	PPBV	94
43) HEPTANE	11.36	43	159172	6.60	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10647.D
Acq On : 14 Jun 2007 2:58 pm
Operator : danat
Sample : ic552-5 (m173)
Misc : MS13724, MSJ552,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 15:27:26 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:48:21 2007
Response via : Initial Calibration

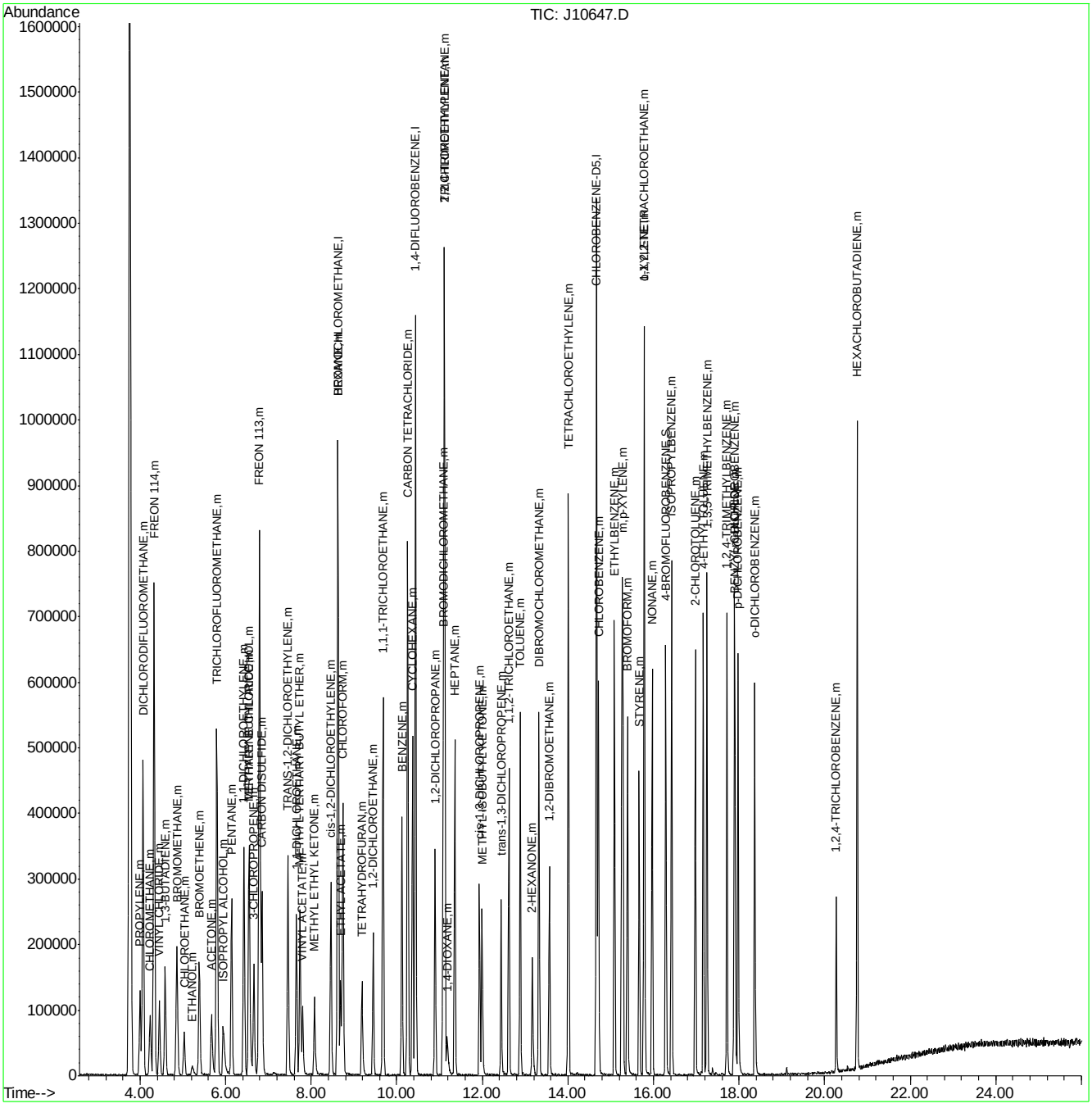
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.99	43	159364	5.67	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.94	75	143660	6.17	PPBV	99
46) TOLUENE	12.89	92	211358	6.21	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.44	75	127734	6.08	PPBV	100
48) 1,1,2-TRICHLOROETHANE	12.62	83	114287	6.30	PPBV	98
50) 2-HEXANONE	13.17	43	130451	6.75	PPBV	96
51) TETRACHLOROETHYLENE	14.01	164	202829	6.90	PPBV	98
52) DIBROMOCHLOROMETHANE	13.32	129	297514	7.22	PPBV	99
53) 1,2-DIBROMOETHANE	13.57	107	201747	6.98	PPBV	100
54) CHLOROBENZENE	14.71	112	324246	7.24	PPBV	98
55) ETHYLBENZENE	15.09	91	431298	6.61	PPBV	98
56) m,p-XYLENE	15.28	106	375036	14.46	PPBV	93
57) o-XYLENE	15.78	106	183005	6.87	PPBV	99
58) STYRENE	15.67	104	202519	6.35	PPBV	99
59) NONANE	15.97	43	181413	6.51	PPBV	99
60) BROMOFORM	15.39	173	275332	6.72	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	243491	6.03	PPBV	97
63) ISOPROPYLBENZENE	16.42	105	489646	6.35	PPBV	99
64) 2-CHLOROTOLUENE	16.98	91	318556	6.01	PPBV	98
65) 4-ETHYLTOLUENE	17.16	105	385370	5.89	PPBV	97
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	376694	6.01	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.71	105	325224	5.74	PPBV	99
68) m-DICHLOROBENZENE	17.90	146	287202	7.14	PPBV	100
69) BENZYL CHLORIDE	17.88	91	189139	6.28	PPBV	99
70) p-DICHLOROBENZENE	17.98	146	267567	7.32	PPBV	99
71) o-DICHLOROBENZENE	18.36	146	235738	6.14	PPBV	100
72) HEXACHLOROBUTADIENE	20.76	225	169459	5.14	PPBV	100
73) 1,2,4-TRICHLOROBENZENE	20.27	180	77462	5.78	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10647.D
Acq On : 14 Jun 2007 2:58 pm
Operator : danat
Sample : ic552-5 (m173)
Misc : MS13724, MSJ552,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 15:27:26 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 13:48:21 2007
Response via : Initial Calibration



J061407T.M Mon Jun 18 12:46:03 2007 Page: 3

ACCUTEST Laboratories M65607

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10648.D
Acq On : 14 Jun 2007 3:47 pm
Operator : danat
Sample : icc552-10 (m173)
Misc : MS13724, MSJ552,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:18:25 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:29:34 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	296067	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1252480	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1093045	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.30	95	351967	5.95	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 119.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.08	85	1176232	8.87	PPBV	99
3) PROPYLENE	4.00	41	187870	10.15	PPBV	99
4) FREON 114	4.33	85	1068507	8.92	PPBV	97
5) CHLOROMETHANE	4.24	50	263059	9.02	PPBV	100
6) VINYL CHLORIDE	4.46	62	309008	9.77	PPBV	97
7) 1,3-BUTADIENE	4.59	39	219422	11.03	PPBV	99
8) BROMOMETHANE	4.87	94	370193	9.26	PPBV	99
9) CHLOROETHANE	5.03	64	148751	9.77	PPBV	100
10) TRICHLOROFLUOROMETHANE	5.80	101	1201379	8.89	PPBV	100
11) ISOPROPYL ALCOHOL	5.96	45	304395	7.34	PPBV	95
12) ACETONE	5.67	43	316258	7.79	PPBV	98
13) PENTANE	6.14	42	257424	9.23	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.43	96	357082	9.84	PPBV	95
15) CARBON DISULFIDE	6.85	76	1028276	9.07	PPBV	99
16) ETHANOL	5.23	45	52048	6.55	PPBV	74
17) BROMOETHENE	5.39	106	367936	10.48	PPBV	99
18) METHYLENE CHLORIDE	6.55	84	312272	5.29	PPBV	97
19) 3-CHLOROPROPENE	6.66	39	217129	9.22	PPBV	95
20) FREON 113	6.80	151	775475	8.67	PPBV	97
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	337206	9.64	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.56	59	409433	8.96	PPBV	91
23) METHYL TERTIARY BUTYL ETHE	7.74	73	586618	10.36	PPBV	100
24) TETRAHYDROFURAN	9.18	42	184086	10.94	PPBV	98
25) HEXANE	8.64	57	343887	8.19	PPBV	99
26) VINYL ACETATE	7.81	43	350528	9.33	PPBV	98
27) 1,1-DICHLOROETHANE	7.66	63	527678	8.90	PPBV	99
28) METHYL ETHYL KETONE	8.08	43	354604	9.65	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.47	96	311706	9.40	PPBV	98
30) ETHYL ACETATE	8.69	43	388619	9.78	PPBV #	86
31) CHLOROFORM	8.75	83	726373	9.06	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.68	97	860970	9.14	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	1083698	9.45	PPBV	100
34) 1,2-DICHLOROETHANE	9.46	62	400832	9.38	PPBV	100
36) BENZENE	10.13	78	774232	9.42	PPBV	100
37) CYCLOHEXANE	10.37	84	399069	11.51	PPBV	98
38) TRICHLOROETHYLENE	11.12	95	404425	9.30	PPBV	97
39) 1,2-DICHLOROPROPANE	10.90	63	240278	8.93	PPBV	97
40) BROMODICHLOROMETHANE	11.09	83	666757	8.62	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	1278640	10.91	PPBV	98
42) 1,4-DIOXANE	11.18	88	139810	7.73	PPBV	91
43) HEPTANE	11.36	43	376778	10.70	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10648.D
Acq On : 14 Jun 2007 3:47 pm
Operator : danat
Sample : icc552-10 (m173)
Misc : MS13724, MSJ552,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:18:25 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:29:34 2007
Response via : Initial Calibration

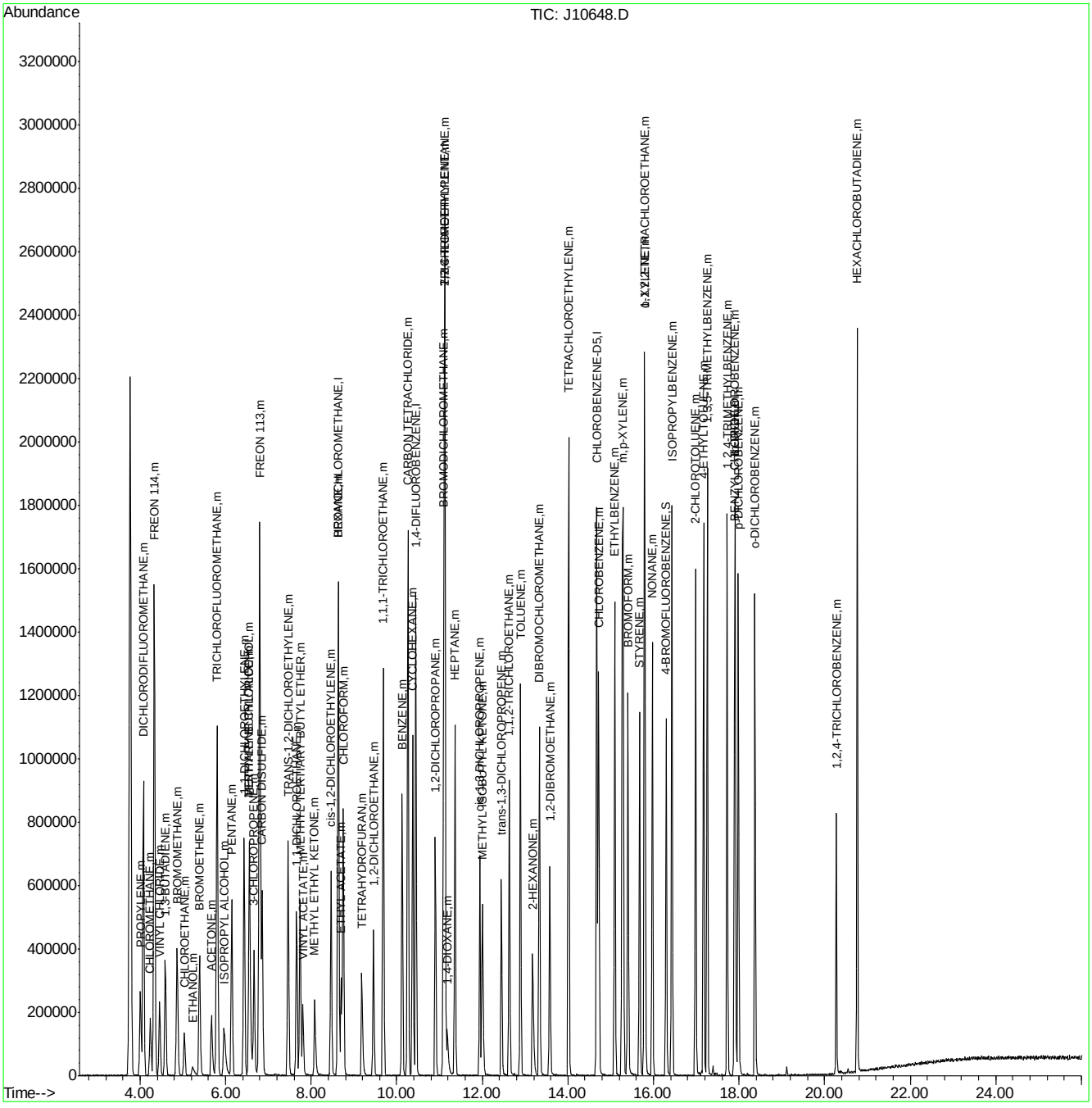
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.00	43	406692	10.09	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.94	75	356175	12.00	PPBV	100
46) TOLUENE	12.89	92	509265	11.43	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.44	75	332903	12.89	PPBV	100
48) 1,1,2-TRICHLOROETHANE	12.63	83	257547	8.96	PPBV	99
50) 2-HEXANONE	13.17	43	342070	10.54	PPBV	99
51) TETRACHLOROETHYLENE	14.01	164	473769	8.97	PPBV	99
52) DIBROMOCHLOROMETHANE	13.33	129	671482	8.78	PPBV	100
53) 1,2-DIBROMOETHANE	13.58	107	470150	9.30	PPBV	99
54) CHLOROBENZENE	14.72	112	748155	8.67	PPBV	98
55) ETHYLBENZENE	15.09	91	1078874	11.87	PPBV	99
56) m,p-XYLENE	15.29	106	898815	22.80	PPBV	100
57) o-XYLENE	15.79	106	443598	11.71	PPBV	99
58) STYRENE	15.68	104	593574	14.67	PPBV	100
59) NONANE	15.97	43	454422	11.62	PPBV	99
60) BROMOFORM	15.40	173	662277	9.41	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.80	83	585652	8.48	PPBV	99
63) ISOPROPYLBENZENE	16.43	105	1277371	11.64	PPBV	99
64) 2-CHLOROTOLUENE	16.98	91	859739	11.97	PPBV	98
65) 4-ETHYLTOLUENE	17.17	105	1091543	11.25	PPBV	96
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1028610	10.22	PPBV	100
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	910707	10.91	PPBV	99
68) m-DICHLOROBENZENE	17.91	146	693838	8.59	PPBV	99
69) BENZYL CHLORIDE	17.89	91	526024	11.11	PPBV	99
70) p-DICHLOROBENZENE	17.98	146	670550	9.33	PPBV	100
71) o-DICHLOROBENZENE	18.37	146	606223	8.55	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	403547	4.36	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	230065	6.10	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10648.D
Acq On : 14 Jun 2007 3:47 pm
Operator : danat
Sample : icc552-10 (m173)
Misc : MS13724, MSJ552,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 16:18:25 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 15:29:34 2007
Response via : Initial Calibration



ACCUTEST Laboratories M65607

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10649.D
Acq On : 14 Jun 2007 4:34 pm
Operator : danat
Sample : ic552-20 (m173)
Misc : MS13724, MSJ552,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 17:19:37 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 16:20:15 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	322389	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.45	114	1363691	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.68	117	1232423	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.30	95	422023	6.10	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 122.00%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	2415770	17.12	PPBV	99
3) PROPYLENE	4.00	41	398545	19.71	PPBV	98
4) FREON 114	4.33	85	2115741	16.58	PPBV	99
5) CHLOROMETHANE	4.23	50	529067	16.99	PPBV	99
6) VINYL CHLORIDE	4.45	62	651108	18.99	PPBV	99
7) 1,3-BUTADIENE	4.59	39	448287	20.27	PPBV	98
8) BROMOMETHANE	4.86	94	752994	17.56	PPBV	99
9) CHLOROETHANE	5.03	64	307366	18.63	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.80	101	2380868	16.55	PPBV	99
11) ISOPROPYL ALCOHOL	5.97	45	682696	16.20	PPBV	94
12) ACETONE	5.65	43	717128	17.17	PPBV	98
13) PENTANE	6.14	42	512412	17.14	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.43	96	749492	19.03	PPBV	98
15) CARBON DISULFIDE	6.85	76	2057100	16.98	PPBV	100
16) ETHANOL	5.21	45	120016	15.17	PPBV	98
17) BROMOETHENE	5.39	106	768305	19.91	PPBV	99
18) METHYLENE CHLORIDE	6.55	84	651340	11.18	PPBV	98
19) 3-CHLOROPROPENE	6.66	39	491311	19.46	PPBV	99
20) FREON 113	6.79	151	1614638	17.03	PPBV	98
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	725352	19.18	PPBV	98
22) TERTIARY BUTYL ALCOHOL	6.57	59	928265	19.16	PPBV	94
23) METHYL TERTIARY BUTYL ETHE	7.73	73	1436062	23.12	PPBV	99
24) TETRAHYDROFURAN	9.18	42	458415	24.45	PPBV	98
25) HEXANE	8.63	57	726038	16.48	PPBV	99
26) VINYL ACETATE	7.81	43	886317	22.04	PPBV	98
27) 1,1-DICHLOROETHANE	7.66	63	1127583	17.86	PPBV	100
28) METHYL ETHYL KETONE	8.08	43	838560	21.10	PPBV	100
29) cis-1,2-DICHLOROETHYLENE	8.47	96	699171	19.60	PPBV	99
30) ETHYL ACETATE	8.70	43	894666	20.76	PPBV	100
31) CHLOROFORM	8.75	83	1560738	18.22	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.69	97	1851201	18.36	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	2258945	18.29	PPBV	100
34) 1,2-DICHLOROETHANE	9.46	62	918904	20.00	PPBV	99
36) BENZENE	10.13	78	1798384	20.33	PPBV	100
37) CYCLOHEXANE	10.37	84	864475	22.23	PPBV	98
38) TRICHLOROETHYLENE	11.12	95	905705	19.40	PPBV	99
39) 1,2-DICHLOROPROPANE	10.91	63	565238	19.71	PPBV	98
40) BROMODICHLOROMETHANE	11.10	83	1525124	18.62	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.13	57	2718130	20.92	PPBV	99
42) 1,4-DIOXANE	11.18	88	332849	17.93	PPBV	92
43) HEPTANE	11.36	43	842341	21.66	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10649.D
Acq On : 14 Jun 2007 4:34 pm
Operator : danat
Sample : ic552-20 (m173)
Misc : MS13724, MSJ552,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 17:19:37 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 16:20:15 2007
Response via : Initial Calibration

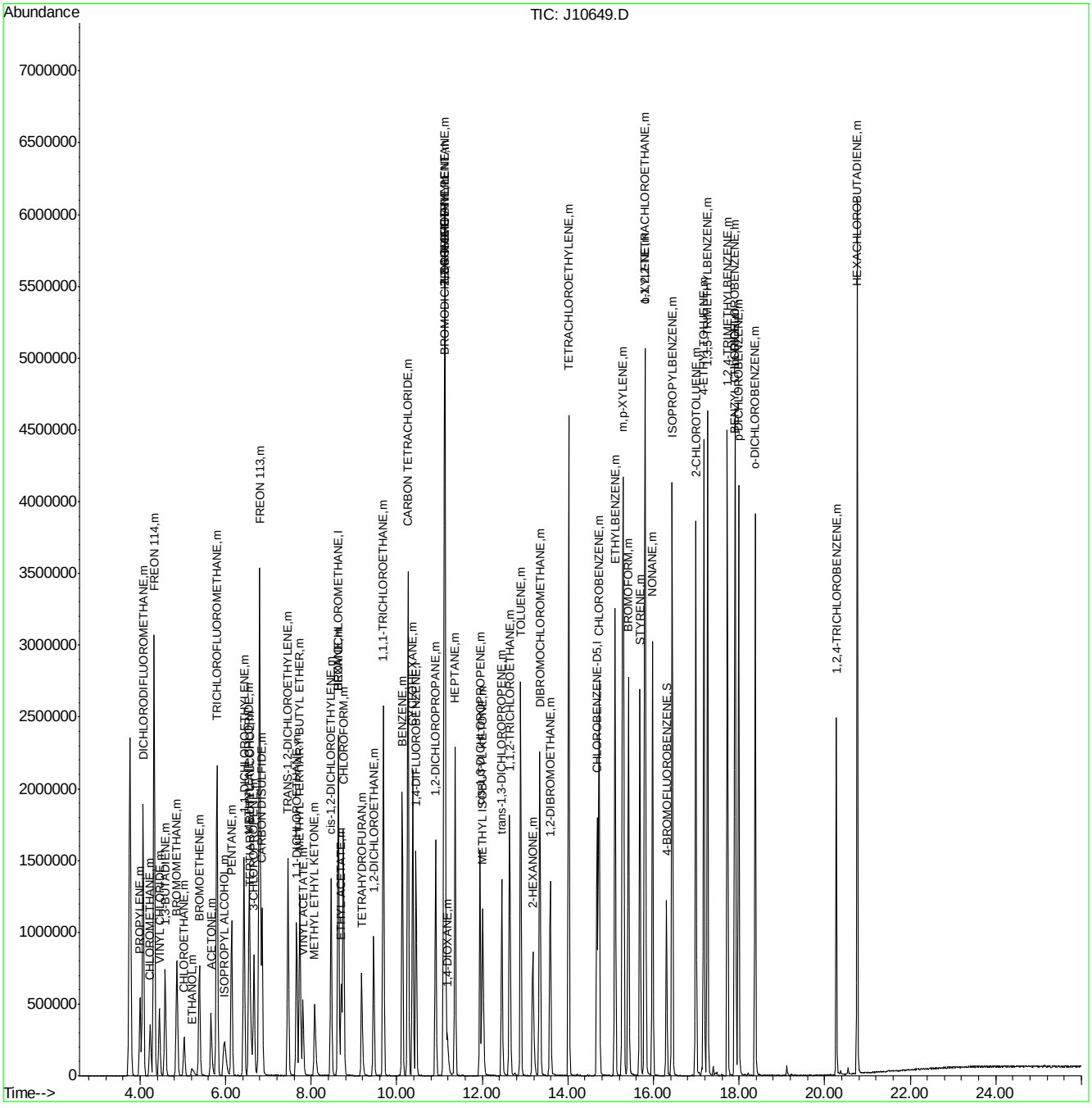
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	1011552	23.00	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.95	75	904438	26.92	PPBV	99
46) TOLUENE	12.89	92	1240739	24.87	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.45	75	876206	29.45	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.64	83	603669	19.71	PPBV	99
50) 2-HEXANONE	13.18	43	899437	24.25	PPBV	97
51) TETRACHLOROETHYLENE	14.02	164	1137357	19.50	PPBV	99
52) DIBROMOCHLOROMETHANE	13.34	129	1608361	19.11	PPBV	100
53) 1,2-DIBROMOETHANE	13.59	107	1179242	20.98	PPBV	100
54) CHLOROBENZENE	14.73	112	1801840	19.02	PPBV	100
55) ETHYLBENZENE	15.10	91	2681556	25.22	PPBV	100
56) m,p-XYLENE	15.29	106	2184350	47.80	PPBV	97
57) o-XYLENE	15.80	106	1105295	25.02	PPBV	97
58) STYRENE	15.68	104	1575277	31.58	PPBV	99
59) NONANE	15.98	43	1070260	23.51	PPBV	98
60) BROMOFORM	15.41	173	1663104	21.21	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.81	83	1422909	18.85	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	3174815	24.85	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	2222517	26.40	PPBV	99
65) 4-ETHYLTOLUENE	17.18	105	2902879	25.74	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	2659471	23.31	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	2467416	25.63	PPBV	99
68) m-DICHLOROBENZENE	17.91	146	1840745	20.94	PPBV	99
69) BENZYL CHLORIDE	17.89	91	1475002	26.88	PPBV	99
70) p-DICHLOROBENZENE	17.99	146	1786312	22.42	PPBV	99
71) o-DICHLOROBENZENE	18.38	146	1596732	20.73	PPBV	100
72) HEXACHLOROBUTADIENE	20.76	225	1063395	11.87	PPBV	100
73) 1,2,4-TRICHLOROBENZENE	20.27	180	692754	18.06	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10649.D
Acq On : 14 Jun 2007 4:34 pm
Operator : danat
Sample : ic552-20 (m173)
Misc : MS13724, MSJ552,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 17:19:37 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 16:20:15 2007
Response via : Initial Calibration



J10650.D

Manual Integrations APPROVED (compounds with "m" flag)

Philip Bassignani 06/18/07 12:49

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10650.D
Acq On : 14 Jun 2007 5:23 pm
Operator : danat
Sample : ic552-40 (m173)
Misc : MS13724, MSJ552,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 17:56:09 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 17:22:05 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.64	128	308454	10.00	PPBV	0.02
35) 1,4-DIFLUOROBENZENE	10.47	114	1251204	10.00	PPBV	0.02
49) CHLOROBENZENE-D5	14.69	117	1141346	10.00	PPBV	0.02

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.31	95	396132	5.96	PPBV	0.02

Spiked Amount 5.000 Range 51 - 142 Recovery = 119.20%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	4727458	35.87	PPBV	100
3) PROPYLENE	4.00	41	795756	41.24	PPBV	97
4) FREON 114	4.33	85	4322818	36.44	PPBV	99
5) CHLOROMETHANE	4.23	50	1057554	36.40	PPBV	99
6) VINYL CHLORIDE	4.45	62	1323124	40.68	PPBV	98
7) 1,3-BUTADIENE	4.59	39	930912	43.90	PPBV	97
8) BROMOMETHANE	4.86	94	1551700	38.60	PPBV	99
9) CHLOROETHANE	5.03	64	639310	40.96	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.80	101	4967220	37.16	PPBV	100
11) ISOPROPYL ALCOHOL	6.03	45	1641935	42.33	PPBV	91
12) ACETONE	5.66	43	1574374	40.55	PPBV	98
13) PENTANE	6.14	42	1072522	38.41	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.43	96	1606926	43.00	PPBV	97
15) CARBON DISULFIDE	6.85	76	4163397m	36.84	PPBV	
16) ETHANOL	5.22	45	299212	53.63	PPBV	98
17) BROMOETHENE	5.39	106	1628594	44.15	PPBV	100
18) METHYLENE CHLORIDE	6.56	84	1373761	44.99	PPBV	97
19) 3-CHLOROPROPENE	6.67	39	1266337	52.66	PPBV	88
20) FREON 113	6.80	151	3447188	38.96	PPBV	96
21) TRANS-1,2-DICHLOROETHYLENE	7.47	96	1573518	43.78	PPBV	98
22) TERTIARY BUTYL ALCOHOL	6.63	59	2321201	50.49	PPBV #	69
23) METHYL TERTIARY BUTYL ETHE	7.74	73	3241142	53.16	PPBV	98
24) TETRAHYDROFURAN	9.19	42	1008089	53.80	PPBV	96
25) HEXANE	8.64	57	1580527	38.63	PPBV	96
26) VINYL ACETATE	7.82	43	2018964	51.42	PPBV	96
27) 1,1-DICHLOROETHANE	7.67	63	2442666	41.17	PPBV	100
28) METHYL ETHYL KETONE	8.10	43	1812956	47.25	PPBV	95
29) cis-1,2-DICHLOROETHYLENE	8.47	96	1575338	46.31	PPBV	99
30) ETHYL ACETATE	8.72	43	1964538	47.35	PPBV	100
31) CHLOROFORM	8.77	83	3360498	41.63	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.70	97	4031672	42.37	PPBV	99
33) CARBON TETRACHLORIDE	10.27	117	4808674	41.28	PPBV	100
34) 1,2-DICHLOROETHANE	9.48	62	2032536	46.24	PPBV	99
36) BENZENE	10.14	78	4022751	49.42	PPBV	99
37) CYCLOHEXANE	10.38	84	1850180	50.91	PPBV	97
38) TRICHLOROETHYLENE	11.14	95	1947728	45.70	PPBV	95
39) 1,2-DICHLOROPROPANE	10.92	63	1283148	48.89	PPBV	100
40) BROMODICHLOROMETHANE	11.12	83	3351701	45.11	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.14	57	5535635	46.08	PPBV	98
42) 1,4-DIOXANE	11.19	88	828491	49.66	PPBV	96
43) HEPTANE	11.38	43	1814263	50.16	PPBV	97

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10650.D
Acq On : 14 Jun 2007 5:23 pm
Operator : danat
Sample : ic552-40 (m173)
Misc : MS13724, MSJ552,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 17:56:09 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 17:22:05 2007
Response via : Initial Calibration

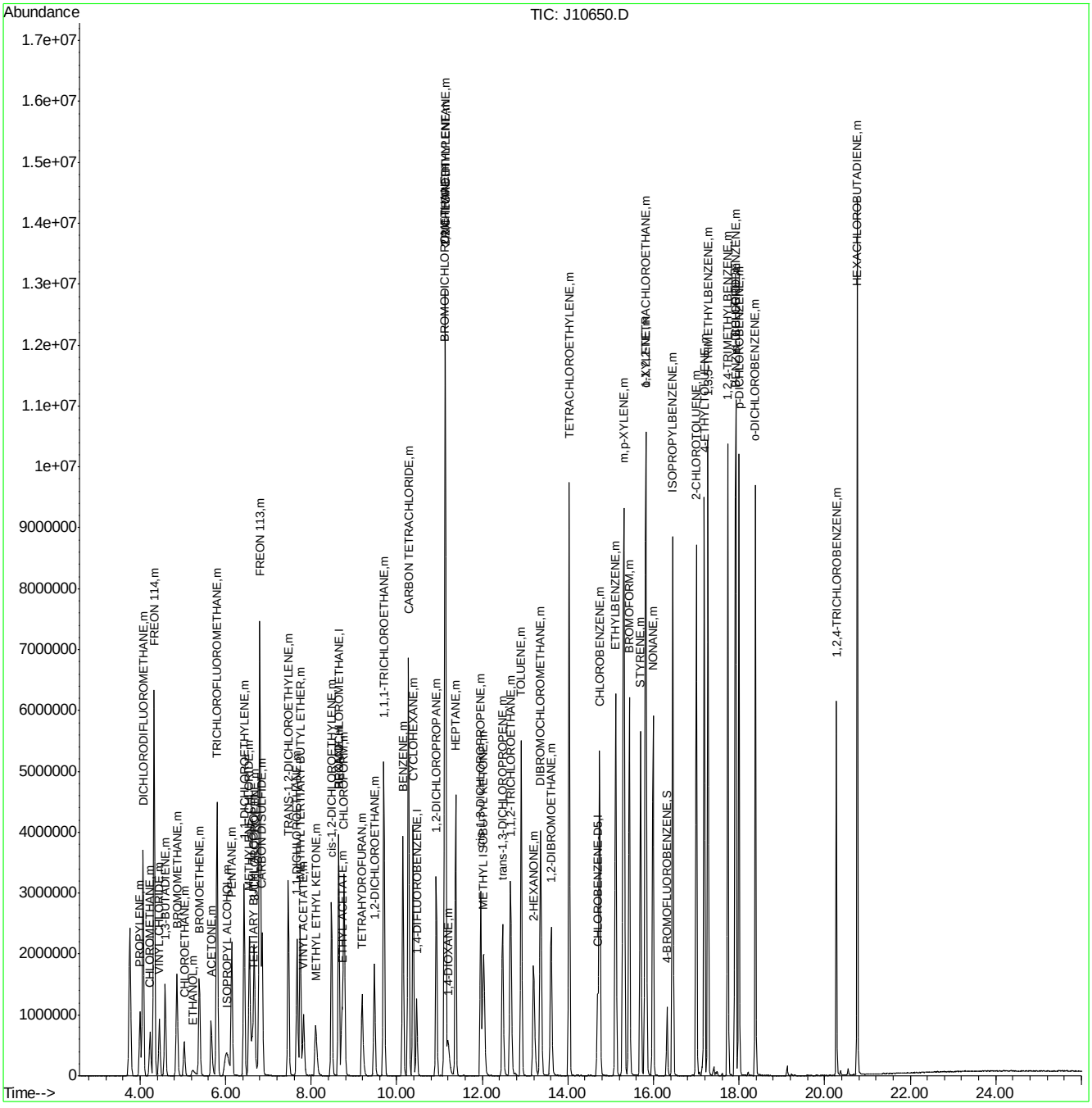
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.03	43	2316428	55.74	PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.96	75	2076630	63.69	PPBV	100
46) TOLUENE	12.91	92	2923708	61.38	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.47	75	2060160	52.02	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.66	83	1351311	48.20	PPBV	99
50) 2-HEXANONE	13.19	43	2197893	61.38	PPBV	95
51) TETRACHLOROETHYLENE	14.03	164	2639713	49.08	PPBV	99
52) DIBROMOCHLOROMETHANE	13.36	129	3617029	46.76	PPBV	100
53) 1,2-DIBROMOETHANE	13.60	107	2687819	51.21	PPBV #	5
54) CHLOROBENZENE	14.74	112	4124278	47.40	PPBV	99
55) ETHYLBENZENE	15.12	91	6161093	50.03	PPBV	99
56) m,p-XYLENE	15.31	106	5103143	101.70	PPBV	97
57) o-XYLENE	15.81	106	2595523	51.23	PPBV	95
58) STYRENE	15.70	104	3847694	53.30	PPBV	99
59) NONANE	15.99	43	2378738	48.26	PPBV	97
60) BROMOFORM	15.44	173	3971797	54.14	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.83	83	3233705m	46.70	PPBV	
63) ISOPROPYLBENZENE	16.45	105	7377186m	50.70	PPBV	
64) 2-CHLOROTOLUENE	17.00	91	5194368	51.15	PPBV	98
65) 4-ETHYLTOLUENE	17.19	105	7128491	64.55	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.27	105	6280865	57.55	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.74	105	5987170	63.57	PPBV	99
68) m-DICHLOROBENZENE	17.92	146	4509490	54.88	PPBV	99
69) BENZYL CHLORIDE	17.91	91	3877756	71.40	PPBV	99
70) p-DICHLOROBENZENE	18.00	146	4385667	58.04	PPBV	99
71) o-DICHLOROBENZENE	18.38	146	4024951	56.01	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	2547383	33.41	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.28	180	1761552	50.57	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10650.D
Acq On : 14 Jun 2007 5:23 pm
Operator : danat
Sample : ic552-40 (m173)
Misc : MS13724, MSJ552,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 14 17:56:09 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Thu Jun 14 17:22:05 2007
Response via : Initial Calibration



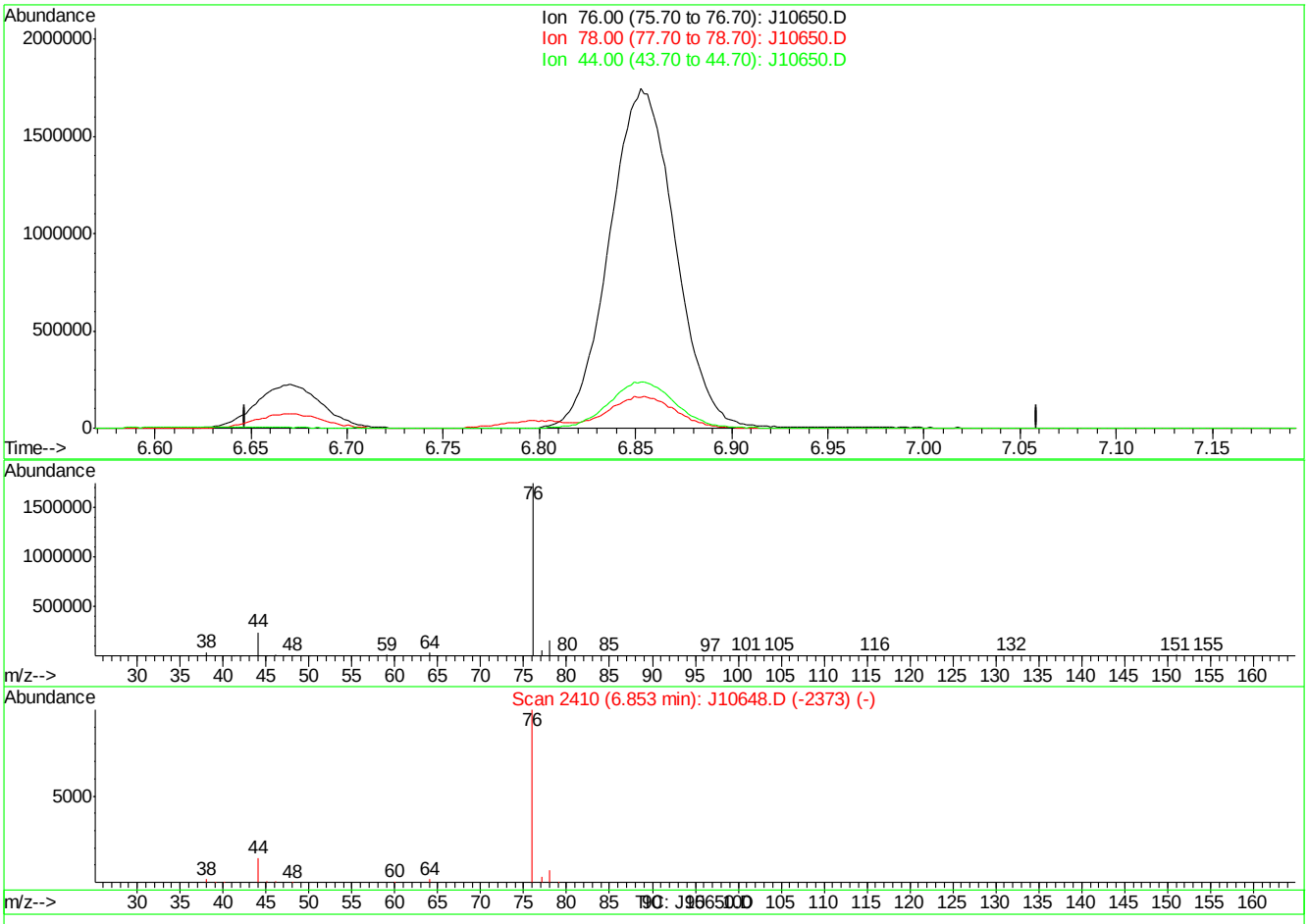
J061407T.M Thu Jun 14 17:56:18 2007 Page: 3

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10650.D Vial: 2
Acq On : 14 Jun 2007 5:23 pm Operator: danat
Sample : ic552-40 (m173) Inst : MSJ
Misc : MS13724, MSJ552,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 14 17:54:29 2007 Results File: J061407T.RES

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 14 17:22:05 2007
Response via : Multiple Level Calibration



(15) CARBON DISULFIDE (m)

6.85min 0.00PPBV

response 0

Ion	Exp%	Act%
76.00	100	0.00
78.00	9.30	0.00
44.00	13.50	0.00
0.00	0.00	0.00

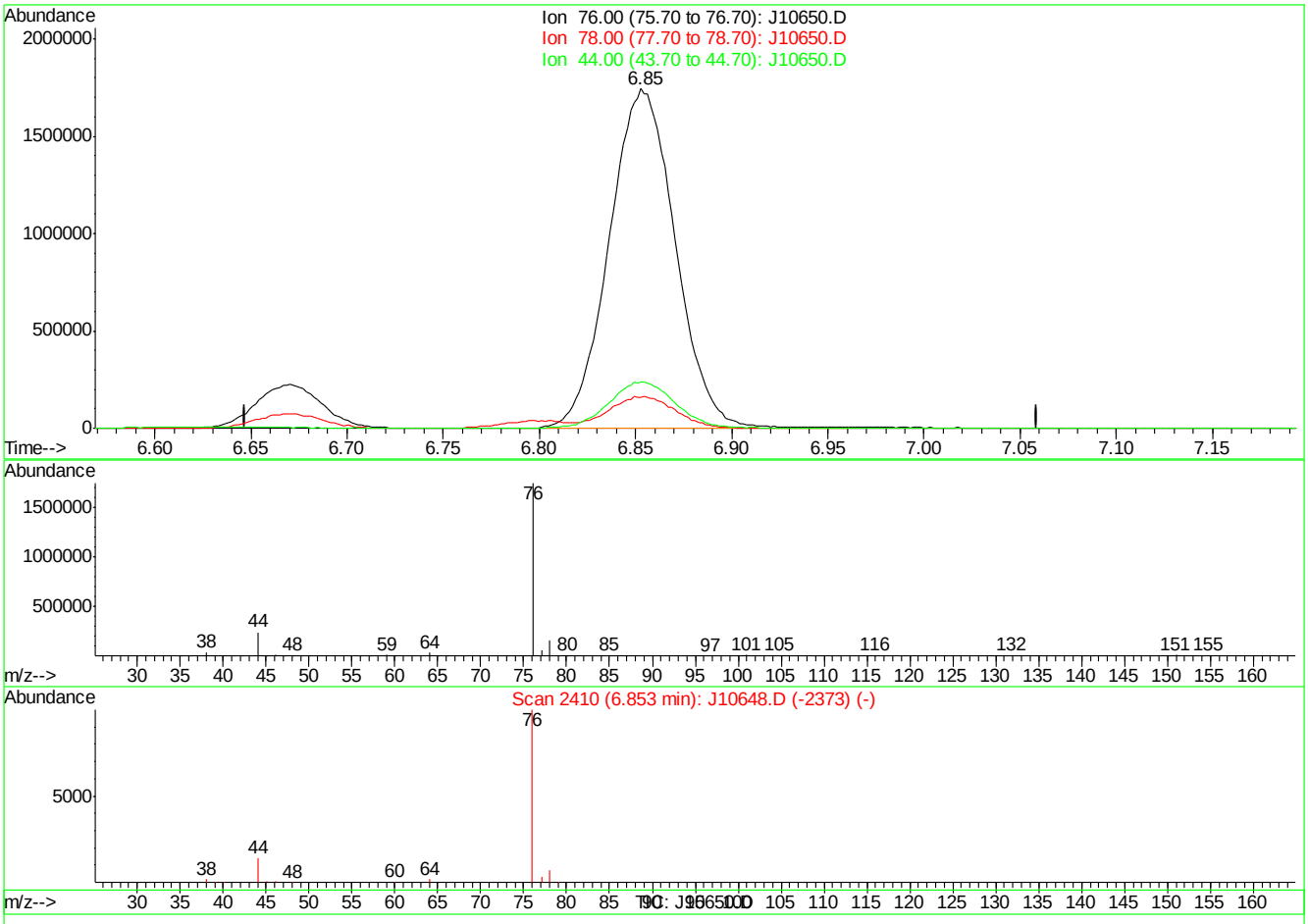
J10650.D J061407T.M Thu Jun 14 17:54:58 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10650.D Vial: 2
Acq On : 14 Jun 2007 5:23 pm Operator: danat
Sample : ic552-40 (m173) Inst : MSJ
Misc : MS13724, MSJ552,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 14 17:54:29 2007 Results File: J061407T.RES

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 14 17:22:05 2007
Response via : Multiple Level Calibration



(15) CARBON DISULFIDE (m)

6.85min 36.84PPBV m

response 4163397

Ion	Exp%	Act%
76.00	100	100
78.00	9.30	0.00
44.00	13.50	0.00
0.00	0.00	0.00

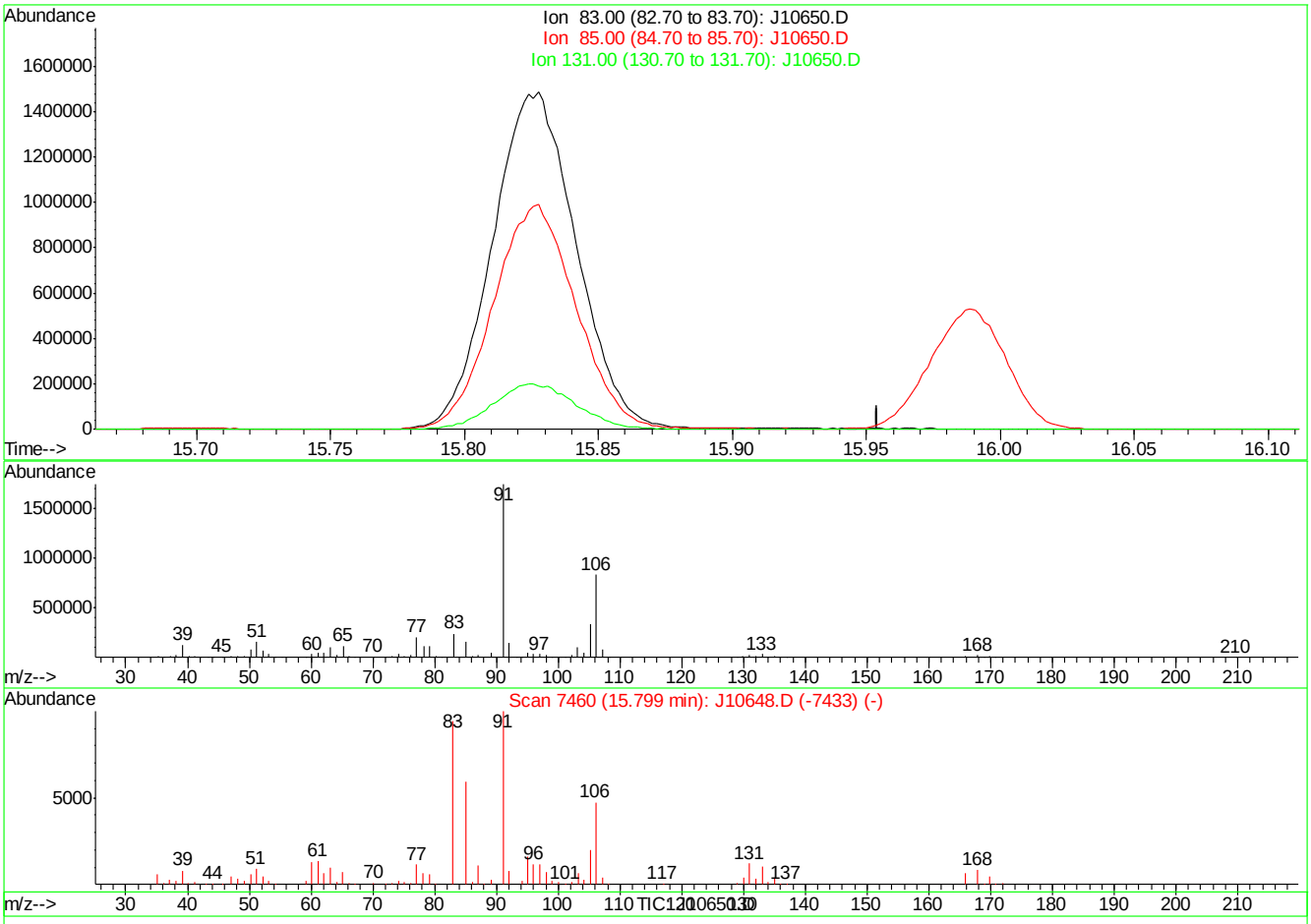
J10650.D J061407T.M Thu Jun 14 17:55:03 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10650.D Vial: 2
Acq On : 14 Jun 2007 5:23 pm Operator: danat
Sample : ic552-40 (m173) Inst : MSJ
Misc : MS13724, MSJ552,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 14 17:54:29 2007 Results File: J061407T.RES

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 14 17:22:05 2007
Response via : Multiple Level Calibration



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

15.80min 0.00PPBV

response 0

Ion	Exp%	Act%
83.00	100	0.00
85.00	64.90	0.00#
131.00	12.30	0.00
0.00	0.00	0.00

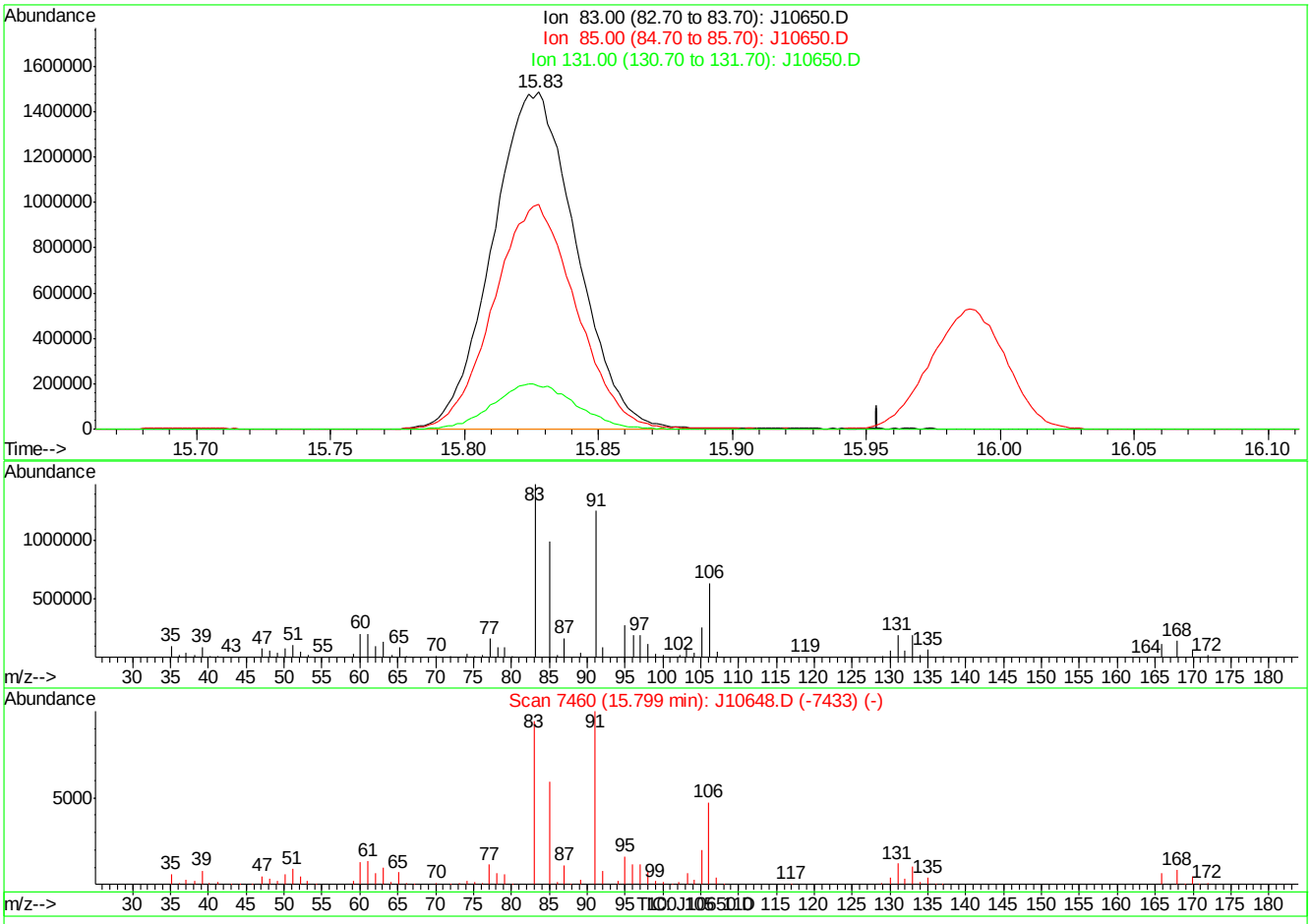
J10650.D J061407T.M Thu Jun 14 17:55:46 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10650.D Vial: 2
Acq On : 14 Jun 2007 5:23 pm Operator: danat
Sample : ic552-40 (m173) Inst : MSJ
Misc : MS13724, MSJ552,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 14 17:54:29 2007 Results File: J061407T.RES

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 14 17:22:05 2007
Response via : Multiple Level Calibration



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

15.83min 46.70PPBV m

response 3233705

Ion	Exp%	Act%
83.00	100	100
85.00	64.90	0.00#
131.00	12.30	0.00
0.00	0.00	0.00

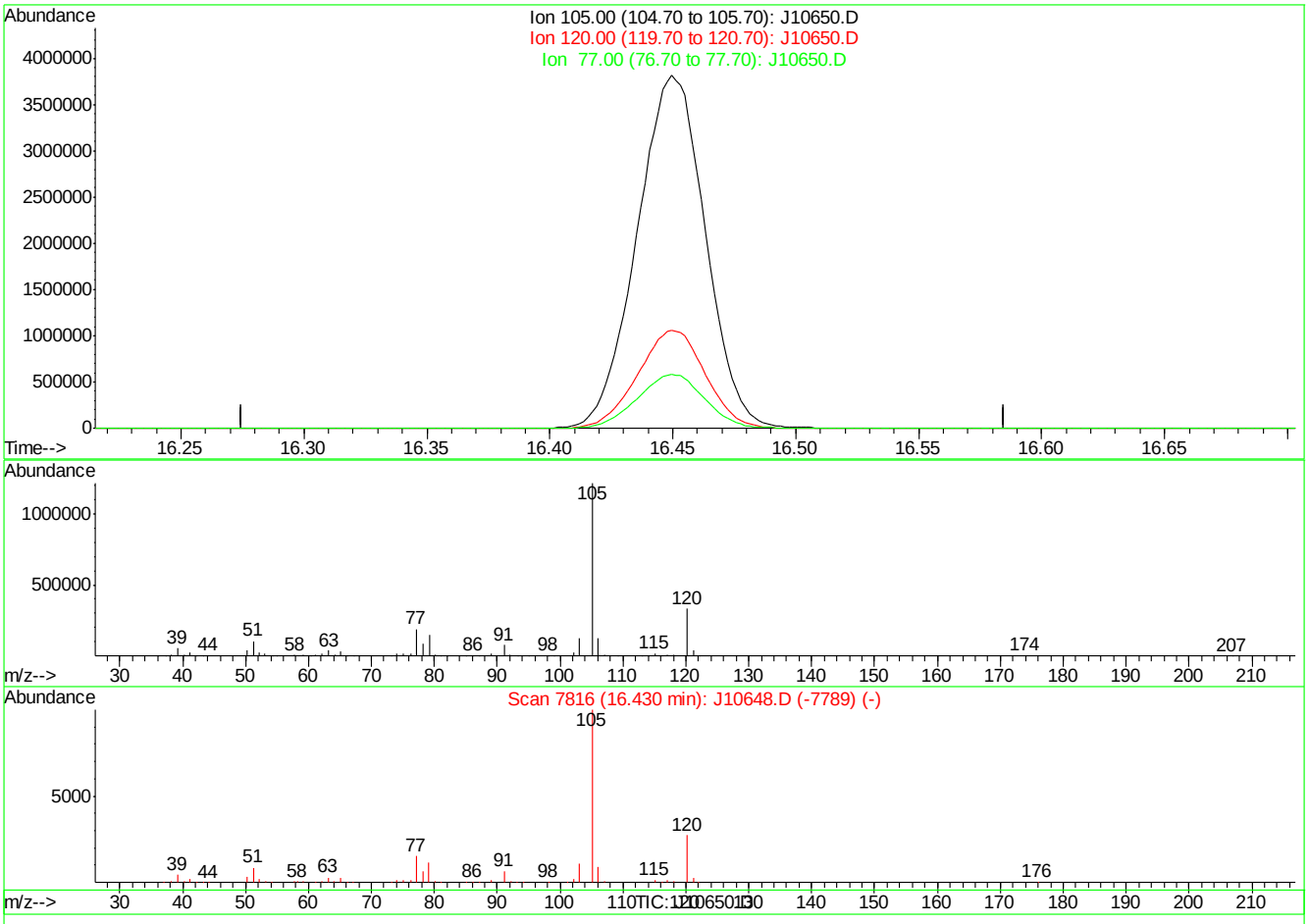
J10650.D J061407T.M Thu Jun 14 17:55:53 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10650.D Vial: 2
Acq On : 14 Jun 2007 5:23 pm Operator: danat
Sample : ic552-40 (m173) Inst : MSJ
Misc : MS13724, MSJ552,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 14 17:54:29 2007 Results File: J061407T.RES

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 14 17:22:05 2007
Response via : Multiple Level Calibration



(63) ISOPROPYLBENZENE (m)

16.43min 0.00PPBV

response 0

Ion	Exp%	Act%
105.00	100	0.00
120.00	27.00	0.00#
77.00	15.40	0.00
0.00	0.00	0.00

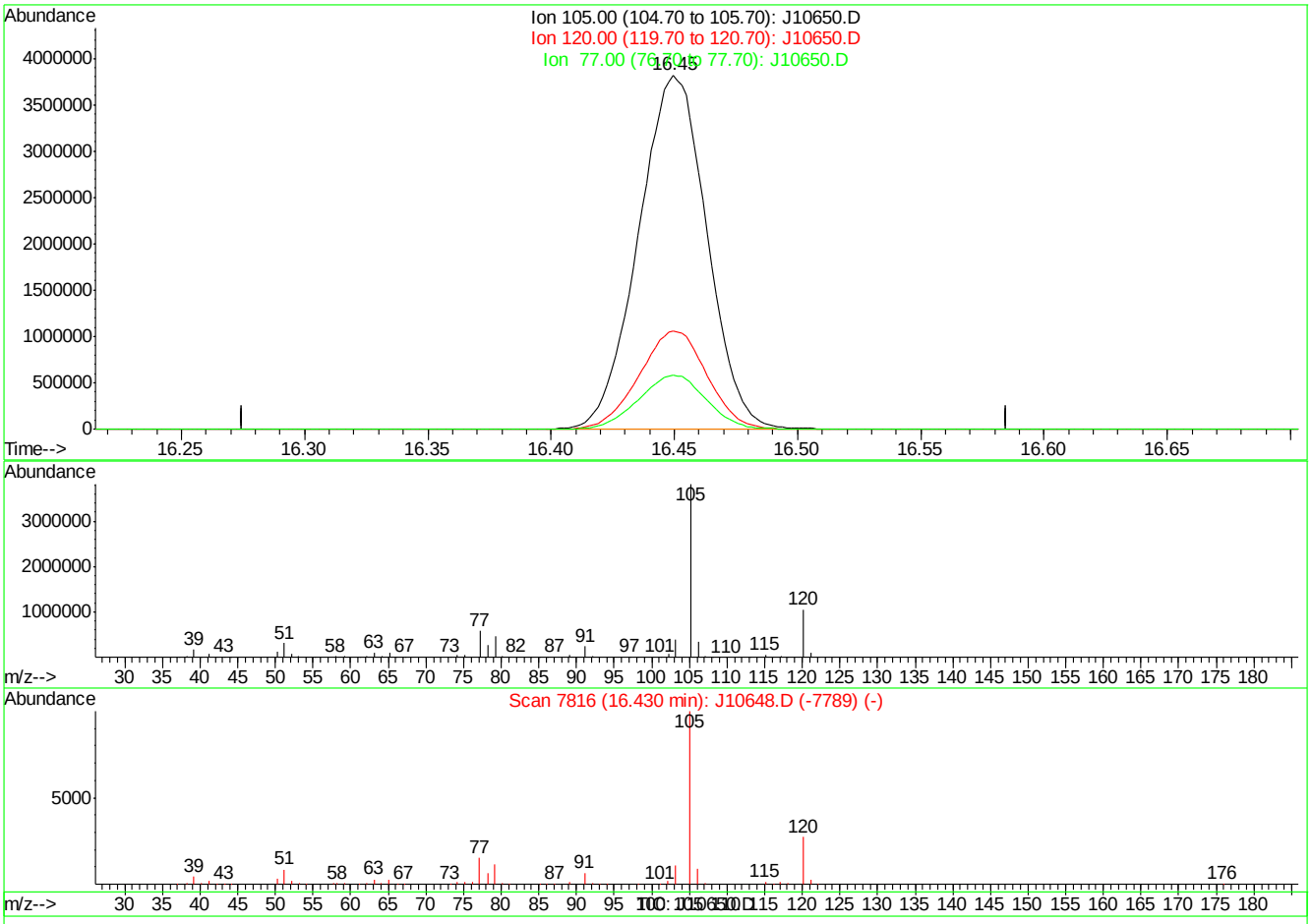
J10650.D J061407T.M Thu Jun 14 17:55:58 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10650.D Vial: 2
Acq On : 14 Jun 2007 5:23 pm Operator: danat
Sample : ic552-40 (m173) Inst : MSJ
Misc : MS13724, MSJ552,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 14 17:54:29 2007 Results File: J061407T.RES

Method : C:\MSDCHEM\1\METHODS\J061407T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Thu Jun 14 17:22:05 2007
Response via : Multiple Level Calibration



(63) ISOPROPYLBENZENE (m)

16.45min 50.70PPBV m

response 7377186

Ion	Exp%	Act%
105.00	100	100
120.00	27.00	0.00#
77.00	15.40	0.00
0.00	0.00	0.00

J10650.D J061407T.M Thu Jun 14 17:56:01 2007

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10653.D
Acq On : 15 Jun 2007 10:26 am
Operator : danat
Sample : icv552-10 (m057)
Misc : MS13724, MSJ552,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 16 10:52:16 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 15 09:22:40 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	271618	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1130551	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	991134	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.29	95	309209	5.22	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 104.40%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	1202725	10.52	PPBV	100
3) PROPYLENE	4.00	41	196823	11.53	PPBV	98
4) FREON 114	4.32	85	1059439	10.27	PPBV	100
5) CHLOROMETHANE	4.23	50	261497	10.35	PPBV	97
6) VINYL CHLORIDE	4.45	62	316230	11.01	PPBV	99
7) 1,3-BUTADIENE	4.58	39	213864	11.30	PPBV	99
8) BROMOMETHANE	4.86	94	370072	10.51	PPBV	99
9) CHLOROETHANE	5.03	64	146887	10.65	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.79	101	1200099	10.30	PPBV	100
11) ISOPROPYL ALCOHOL	5.95	45	334082	9.69	PPBV	92
12) ACETONE	5.66	43	308194	8.99	PPBV	99
13) PENTANE	6.14	42	259218	10.60	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.43	96	344495	10.36	PPBV	99
15) CARBON DISULFIDE	6.85	76	977691	9.94	PPBV	100
16) ETHANOL	5.21	45	54551	8.55	PPBV #	48
17) BROMOETHENE	5.39	106	366279	11.11	PPBV	98
18) METHYLENE CHLORIDE	6.54	84	299356	9.77	PPBV	99
19) 3-CHLOROPROPENE	6.66	39	229072	10.35	PPBV	98
20) FREON 113	6.79	151	750839	9.67	PPBV	98
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	333595	10.40	PPBV	98
22) TERTIARY BUTYL ALCOHOL	6.54	59	453945	10.74	PPBV	97
23) METHYL TERTIARY BUTYL ETHE	7.73	73	596950	10.62	PPBV	99
24) TETRAHYDROFURAN	9.18	42	189538	10.86	PPBV	99
25) HEXANE	8.63	57	325462	9.08	PPBV	99
26) VINYL ACETATE	7.80	43	356574	9.84	PPBV	99
27) 1,1-DICHLOROETHANE	7.66	63	517033	9.85	PPBV	99
28) METHYL ETHYL KETONE	8.07	43	341575	9.86	PPBV	95
29) cis-1,2-DICHLOROETHYLENE	8.46	96	311252	10.16	PPBV	99
30) ETHYL ACETATE	8.69	43	354481	9.45	PPBV	100
31) CHLOROFORM	8.74	83	720301	10.07	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.68	97	850737	10.07	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	1084773	10.53	PPBV	100
34) 1,2-DICHLOROETHANE	9.45	62	411890	10.41	PPBV	100
36) BENZENE	10.12	78	789132	10.38	PPBV	99
37) CYCLOHEXANE	10.37	84	392533	11.51	PPBV	100
38) TRICHLOROETHYLENE	11.12	95	410638	10.45	PPBV	100
39) 1,2-DICHLOROPROPANE	10.90	63	254756	10.41	PPBV	99
40) BROMODICHLOROMETHANE	11.09	83	664083	9.71	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	1286511	11.60	PPBV	99
42) 1,4-DIOXANE	11.17	88	137848	8.79	PPBV	89
43) HEPTANE	11.36	43	369066	10.90	PPBV	100

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10653.D
Acq On : 15 Jun 2007 10:26 am
Operator : danat
Sample : icv552-10 (m057)
Misc : MS13724, MSJ552,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 16 10:52:16 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 15 09:22:40 2007
Response via : Initial Calibration

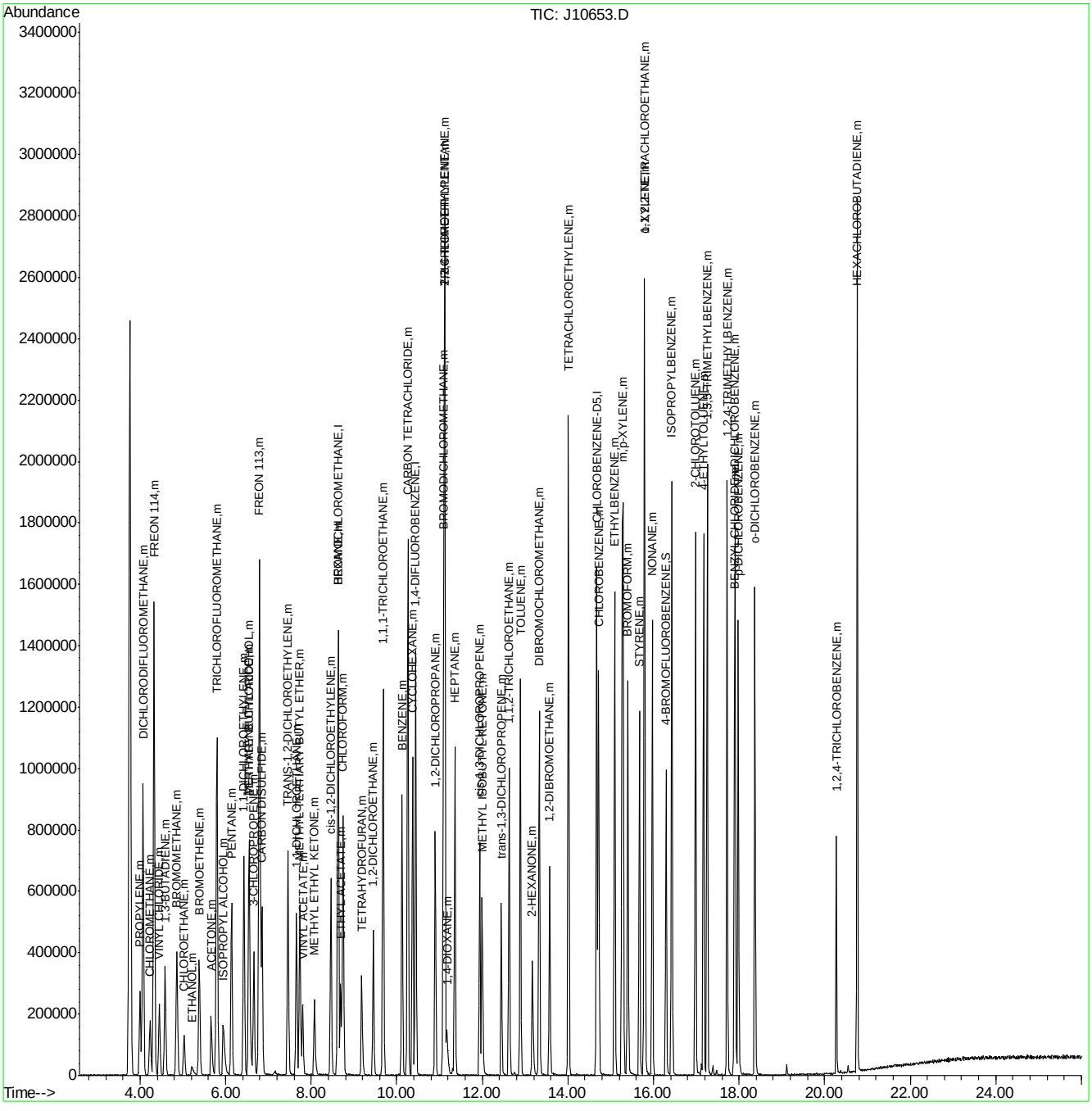
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.99	43	409120	10.22	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.94	75	391918	11.59	PPBV	99
46) TOLUENE	12.89	92	535477	11.56	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.44	75	294027	9.52	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.62	83	271756	10.42	PPBV	99
50) 2-HEXANONE	13.17	43	313140	9.25	PPBV	99
51) TETRACHLOROETHYLENE	14.01	164	504241	10.46	PPBV	99
52) DIBROMOCHLOROMETHANE	13.33	129	694239	10.09	PPBV	99
53) 1,2-DIBROMOETHANE	13.57	107	482448	10.18	PPBV	100
54) CHLOROBENZENE	14.72	112	767175	9.89	PPBV	99
55) ETHYLBENZENE	15.09	91	1139276	11.39	PPBV	100
56) m,p-XYLENE	15.27	106	957448	23.22	PPBV	96
57) o-XYLENE	15.79	106	480546	11.66	PPBV	98
58) STYRENE	15.67	104	596824	10.88	PPBV	99
59) NONANE	15.97	43	484356	10.24	PPBV	99
60) BROMOFORM	15.40	173	688734	10.29	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.80	83	623326	10.12	PPBV	99
63) ISOPROPYLBENZENE	16.43	105	1365686	11.58	PPBV	100
64) 2-CHLOROTOLUENE	16.98	91	920125	11.40	PPBV	99
65) 4-ETHYLTOLUENE	17.17	105	1084356	10.72	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1083505	10.65	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	987810	11.39	PPBV	99
68) m-DICHLOROBENZENE	17.90	146	688547	9.09	PPBV	99
69) BENZYL CHLORIDE	17.89	91	479459	9.94	PPBV	99
70) p-DICHLOROBENZENE	17.98	146	623171	8.83	PPBV	99
71) o-DICHLOROBENZENE	18.37	146	647903	9.73	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	505987	12.81	PPBV	100
73) 1,2,4-TRICHLOROBENZENE	20.27	180	214159	9.48	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10653.D
Acq On : 15 Jun 2007 10:26 am
Operator : danat
Sample : icv552-10 (m057)
Misc : MS13724, MSJ552,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 16 10:52:16 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 15 09:22:40 2007
Response via : Initial Calibration



J061407T.M Sat Jun 16 14:10:14 2007 Page: 3

ACCUTEST Laboratories M65607

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10716.D
Acq On : 21 Jun 2007 12:37 pm
Operator : danat
Sample : cc552-10 (m045)
Misc : MS13762, MSJ555,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 21 13:06:30 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 15 09:22:40 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	310271	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.45	114	1254436	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.68	117	1130075	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.30	95	400144	5.92	PPBV	0.00

Spiked Amount 5.000 Range 51 - 142 Recovery = 118.40%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	1303075	9.98	PPBV	99
3) PROPYLENE	4.00	41	210209	10.78	PPBV	97
4) FREON 114	4.33	85	1154986	9.80	PPBV	98
5) CHLOROMETHANE	4.24	50	284249	9.85	PPBV	97
6) VINYL CHLORIDE	4.46	62	340484	10.38	PPBV	99
7) 1,3-BUTADIENE	4.59	39	252642	11.68	PPBV	96
8) BROMOMETHANE	4.87	94	386187	9.60	PPBV	99
9) CHLOROETHANE	5.04	64	163043	10.35	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.80	101	1374111	10.32	PPBV	100
11) ISOPROPYL ALCOHOL	5.98	45	187161	4.75	PPBV	96
12) ACETONE	5.67	43	367769	9.40	PPBV	97
13) PENTANE	6.14	42	303637	10.87	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.43	96	362854	9.55	PPBV	90
15) CARBON DISULFIDE	6.85	76	1041016	9.26	PPBV	97
16) ETHANOL	5.24	45	26338	3.61	PPBV	93
17) BROMOETHENE	5.39	106	385938	10.25	PPBV	98
18) METHYLENE CHLORIDE	6.55	84	330446	9.42	PPBV	95
19) 3-CHLOROPROPENE	6.66	39	318481	12.60	PPBV	91
20) FREON 113	6.80	151	803969	9.07	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	363594	9.92	PPBV	94
22) TERTIARY BUTYL ALCOHOL	6.58	59	265333	5.50	PPBV #	79
23) METHYL TERTIARY BUTYL ETHE	7.74	73	717776	11.18	PPBV	98
24) TETRAHYDROFURAN	9.19	42	201932	10.13	PPBV	96
25) HEXANE	8.64	57	391396	9.56	PPBV	95
26) VINYL ACETATE	7.81	43	449969	10.88	PPBV	97
27) 1,1-DICHLOROETHANE	7.66	63	629360	10.50	PPBV	100
28) METHYL ETHYL KETONE	8.09	43	374038	9.45	PPBV	93
29) cis-1,2-DICHLOROETHYLENE	8.47	96	361046	10.32	PPBV	95
30) ETHYL ACETATE	8.70	43	423291	9.88	PPBV	100
31) CHLOROFORM	8.75	83	854570	10.46	PPBV	98
32) 1,1,1-TRICHLOROETHANE	9.69	97	1027767	10.65	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	1225010	10.41	PPBV	100
34) 1,2-DICHLOROETHANE	9.46	62	502152	11.11	PPBV	99
36) BENZENE	10.13	78	887491	10.52	PPBV	99
37) CYCLOHEXANE	10.37	84	425413	11.24	PPBV	98
38) TRICHLOROETHYLENE	11.12	95	450077	10.32	PPBV	97
39) 1,2-DICHLOROPROPANE	10.91	63	292458	10.77	PPBV	98
40) BROMODICHLOROMETHANE	11.10	83	751102	9.90	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.13	57	1494864	12.15	PPBV	99
42) 1,4-DIOXANE	11.21	88	61302	3.52	PPBV	96
43) HEPTANE	11.36	43	450600	11.99	PPBV	95

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10716.D
Acq On : 21 Jun 2007 12:37 pm
Operator : danat
Sample : cc552-10 (m045)
Misc : MS13762, MSJ555,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 21 13:06:30 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 15 09:22:40 2007
Response via : Initial Calibration

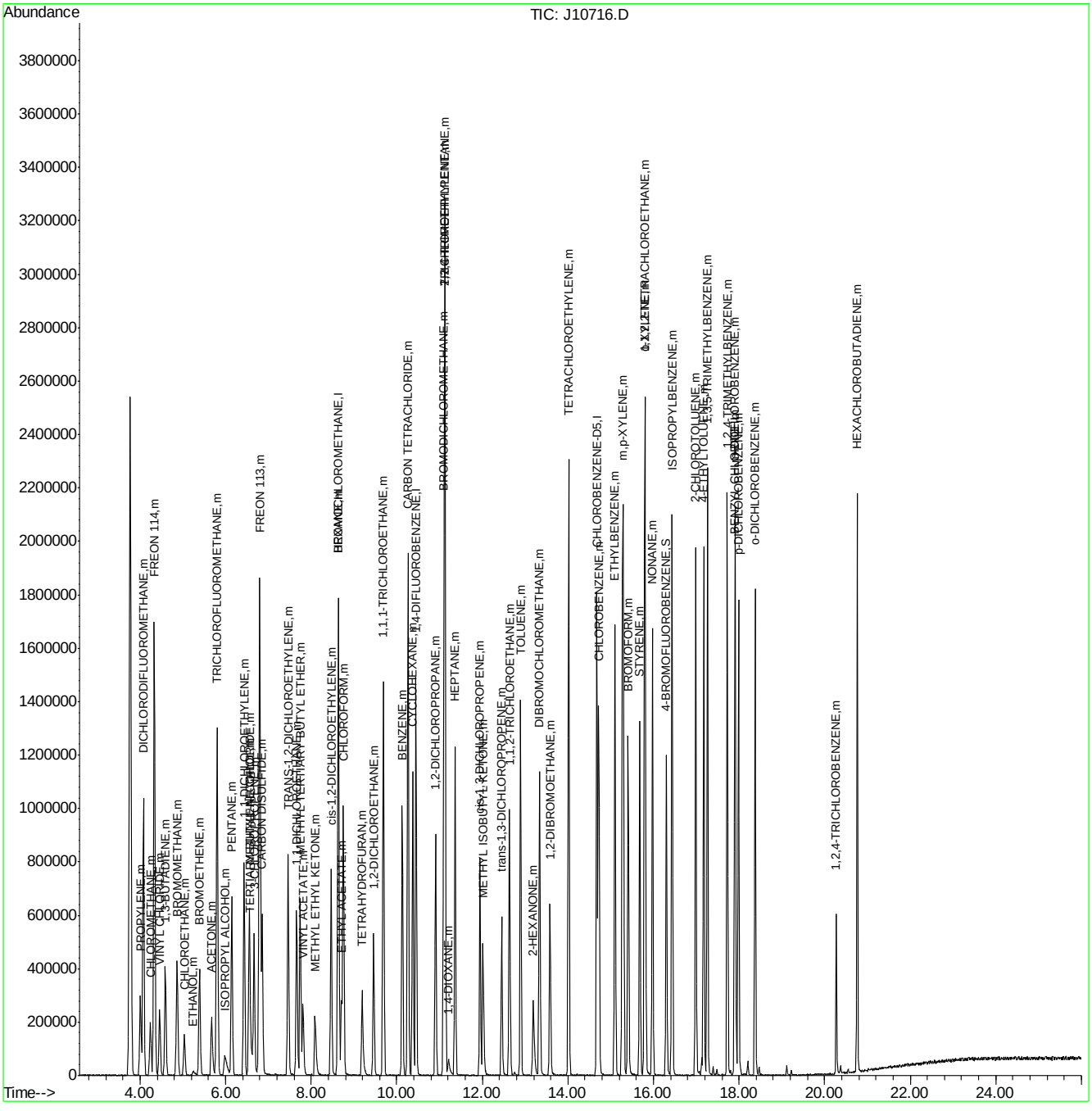
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	410652	9.25	PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.94	75	419947	11.24	PPBV	95
46) TOLUENE	12.89	92	602511	11.72	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.45	75	343707	9.95	PPBV	96
48) 1,1,2-TRICHLOROETHANE	12.63	83	287247	9.93	PPBV	98
50) 2-HEXANONE	13.19	43	288548	7.47	PPBV	97
51) TETRACHLOROETHYLENE	14.02	164	534401	9.72	PPBV	98
52) DIBROMOCHLOROMETHANE	13.33	129	744340	9.49	PPBV	100
53) 1,2-DIBROMOETHANE	13.58	107	522378	9.66	PPBV	100
54) CHLOROBENZENE	14.72	112	830241	9.39	PPBV	98
55) ETHYLBENZENE	15.10	91	1291537	11.34	PPBV	99
56) m,p-XYLENE	15.29	106	1059966	22.62	PPBV	97
57) o-XYLENE	15.79	106	537629	11.46	PPBV	97
58) STYRENE	15.68	104	714580	11.33	PPBV	99
59) NONANE	15.98	43	583835	10.78	PPBV	98
60) BROMOFORM	15.41	173	729332	9.56	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.80	83	666291	9.49	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	1561886	11.61	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	1086501	11.75	PPBV	98
65) 4-ETHYLTOLUENE	17.18	105	1273427	11.00	PPBV	97
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1253028	10.81	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	1146521	11.56	PPBV	99
68) m-DICHLOROBENZENE	17.91	146	806124	9.33	PPBV	98
69) BENZYL CHLORIDE	17.89	91	519026	9.52	PPBV	98
70) p-DICHLOROBENZENE	17.99	146	731546	9.09	PPBV	99
71) o-DICHLOROBENZENE	18.37	146	713910	9.41	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	373415	8.13	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	166211	6.57	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10716.D
Acq On : 21 Jun 2007 12:37 pm
Operator : danat
Sample : cc552-10 (m045)
Misc : MS13762, MSJ555,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 21 13:06:30 2007
Quant Method : C:\MSDCHEM\1\METHODS\J061407T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 15 09:22:40 2007
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
06/26/07 15:46

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10728.D
Acq On : 22 Jun 2007 9:26 am
Operator : danat
Sample : ic556-0.5 (m140)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 22 09:58:19 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 09:56:39 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	407073	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1800368	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1560130	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.29	95	487974	5.23	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery	=	104.60%	
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.08	85	78893	0.46	PPBV	99
3) PROPYLENE	4.00	41	10324	0.40	PPBV	87
4) FREON 114	4.34	85	69902	0.45	PPBV	100
5) CHLOROMETHANE	4.25	50	16991	0.45	PPBV	87
6) VINYL CHLORIDE	4.46	62	18061	0.42	PPBV	93
7) 1,3-BUTADIENE	4.60	39	12568m	0.44	PPBV	
8) BROMOMETHANE	4.87	94	24243	0.46	PPBV	98
9) CHLOROETHANE	5.04	64	9345	0.45	PPBV	89
10) TRICHLOROFLUOROMETHANE	5.80	101	85717	0.49	PPBV	98
11) ISOPROPYL ALCOHOL	6.08	45	35483m	0.69	PPBV	
12) ACETONE	5.72	43	38125	0.74	PPBV	96
13) PENTANE	6.15	42	17269	0.47	PPBV	95
14) 1,1-DICHLOROETHYLENE	6.43	96	20894	0.42	PPBV	94
15) CARBON DISULFIDE	6.86	76	62804	0.43	PPBV	85
16) ETHANOL	5.31	45	5785m	0.60	PPBV	
17) BROMOETHENE	5.39	106	21873	0.44	PPBV #	97
18) METHYLENE CHLORIDE	6.55	84	36921	0.57	PPBV	99
19) 3-CHLOROPROPENE	6.66	39	17446	0.53	PPBV	91
20) FREON 113	6.80	151	53415	0.46	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	21367	0.44	PPBV	94
22) TERTIARY BUTYL ALCOHOL	6.67	59	19929m	0.31	PPBV	
23) METHYL TERTIARY BUTYL ETHE	7.78	73	44194	0.52	PPBV	95
24) TETRAHYDROFURAN	9.25	42	11157	0.43	PPBV	80
25) HEXANE	8.64	57	27981	0.52	PPBV	95
26) VINYL ACETATE	7.82	43	25518	0.47	PPBV	86
27) 1,1-DICHLOROETHANE	7.65	63	40264	0.51	PPBV	98
28) METHYL ETHYL KETONE	8.12	43	29314	0.56	PPBV	81
29) cis-1,2-DICHLOROETHYLENE	8.46	96	20452	0.45	PPBV	88
30) ETHYL ACETATE	8.73	43	30782	0.55	PPBV #	100
31) CHLOROFORM	8.74	83	53940	0.50	PPBV	98
32) 1,1,1-TRICHLOROETHANE	9.68	97	61344	0.48	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	68830	0.45	PPBV	98
34) 1,2-DICHLOROETHANE	9.45	62	31111	0.52	PPBV	98
36) BENZENE	10.12	78	51389	0.42	PPBV	99
37) CYCLOHEXANE	10.38	84	18454	0.34	PPBV	99
38) TRICHLOROETHYLENE	11.12	95	26064	0.42	PPBV	97
39) 1,2-DICHLOROPROPANE	10.90	63	16683	0.43	PPBV	97
40) BROMODICHLOROMETHANE	11.09	83	46784	0.43	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	69227	0.39	PPBV	97
42) 1,4-DIOXANE	11.27	88	13447	0.54	PPBV	86
43) HEPTANE	11.36	43	22379	0.41	PPBV	95

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10728.D
Acq On : 22 Jun 2007 9:26 am
Operator : danat
Sample : ic556-0.5 (m140)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 22 09:58:19 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 09:56:39 2007
Response via : Initial Calibration

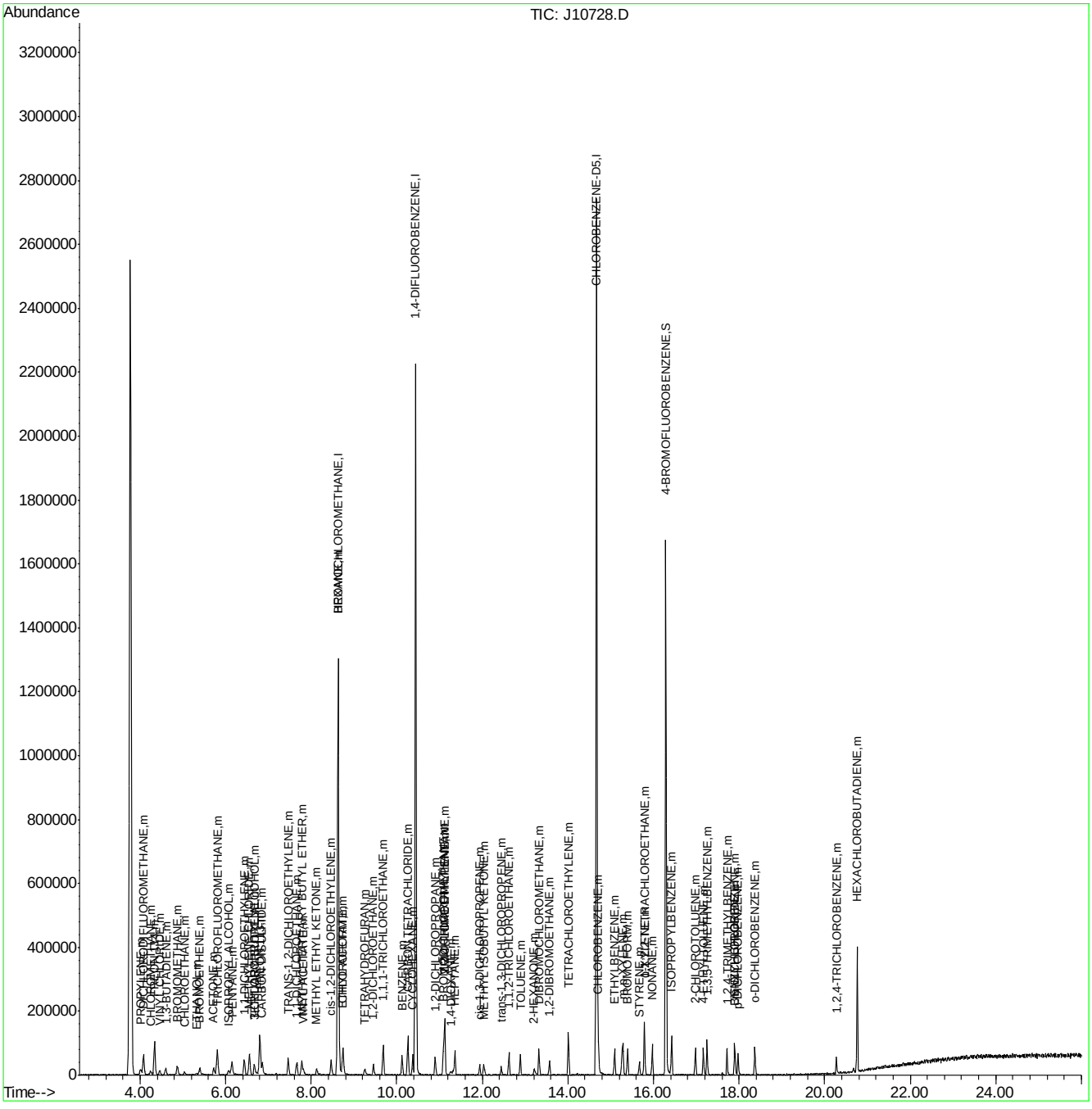
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	12.03	43	24698	0.39	PPBV		95
45) cis-1,3-DICHLOROPROPENE	11.94	75	16844	0.33	PPBV		88
46) TOLUENE	12.89	92	26767	0.36	PPBV		94
47) trans-1,3-DICHLOROPROPENE	12.44	75	14166	0.30	PPBV		95
48) 1,1,2-TRICHLOROETHANE	12.62	83	17057	0.41	PPBV		98
50) 2-HEXANONE	13.22	43	18677	0.35	PPBV		87
51) TETRACHLOROETHYLENE	14.01	164	30612	0.40	PPBV		99
52) DIBROMOCHLOROMETHANE	13.32	129	45123	0.42	PPBV		95
53) 1,2-DIBROMOETHANE	13.57	107	28799	0.39	PPBV		99
54) CHLOROBENZENE	14.71	112	48856	0.40	PPBV		97
55) ETHYLBENZENE	15.09	91	51948	0.35	PPBV		95
56) m,p-XYLENE	15.27	106	44391	0.70	PPBV	#	88
57) o-XYLENE	15.78	106	22211	0.35	PPBV		95
58) STYRENE	15.67	104	20198	0.26	PPBV		96
59) NONANE	15.97	43	24118	0.39	PPBV		96
60) BROMOFORM	15.39	173	41120	0.39	PPBV		99
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	43884	0.45	PPBV		99
63) ISOPROPYLBENZENE	16.42	105	71515	0.40	PPBV		98
64) 2-CHLOROTOLUENE	16.98	91	43609	0.36	PPBV		96
65) 4-ETHYLTOLUENE	17.17	105	47199	0.28	PPBV		98
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	56289	0.35	PPBV		99
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	39940	0.28	PPBV		98
68) m-DICHLOROBENZENE	17.90	146	36865	0.31	PPBV		98
69) BENZYL CHLORIDE	17.89	91	17141	0.20	PPBV		96
70) p-DICHLOROBENZENE	17.97	146	29265	0.26	PPBV		96
71) o-DICHLOROBENZENE	18.37	146	36330	0.35	PPBV		99
72) HEXACHLOROBUTADIENE	20.76	225	63953	0.63	PPBV		98
73) 1,2,4-TRICHLOROBENZENE	20.28	180	16862	0.34	PPBV		96

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10728.D
Acq On : 22 Jun 2007 9:26 am
Operator : danat
Sample : ic556-0.5 (m140)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 22 09:58:19 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 09:56:39 2007
Response via : Initial Calibration



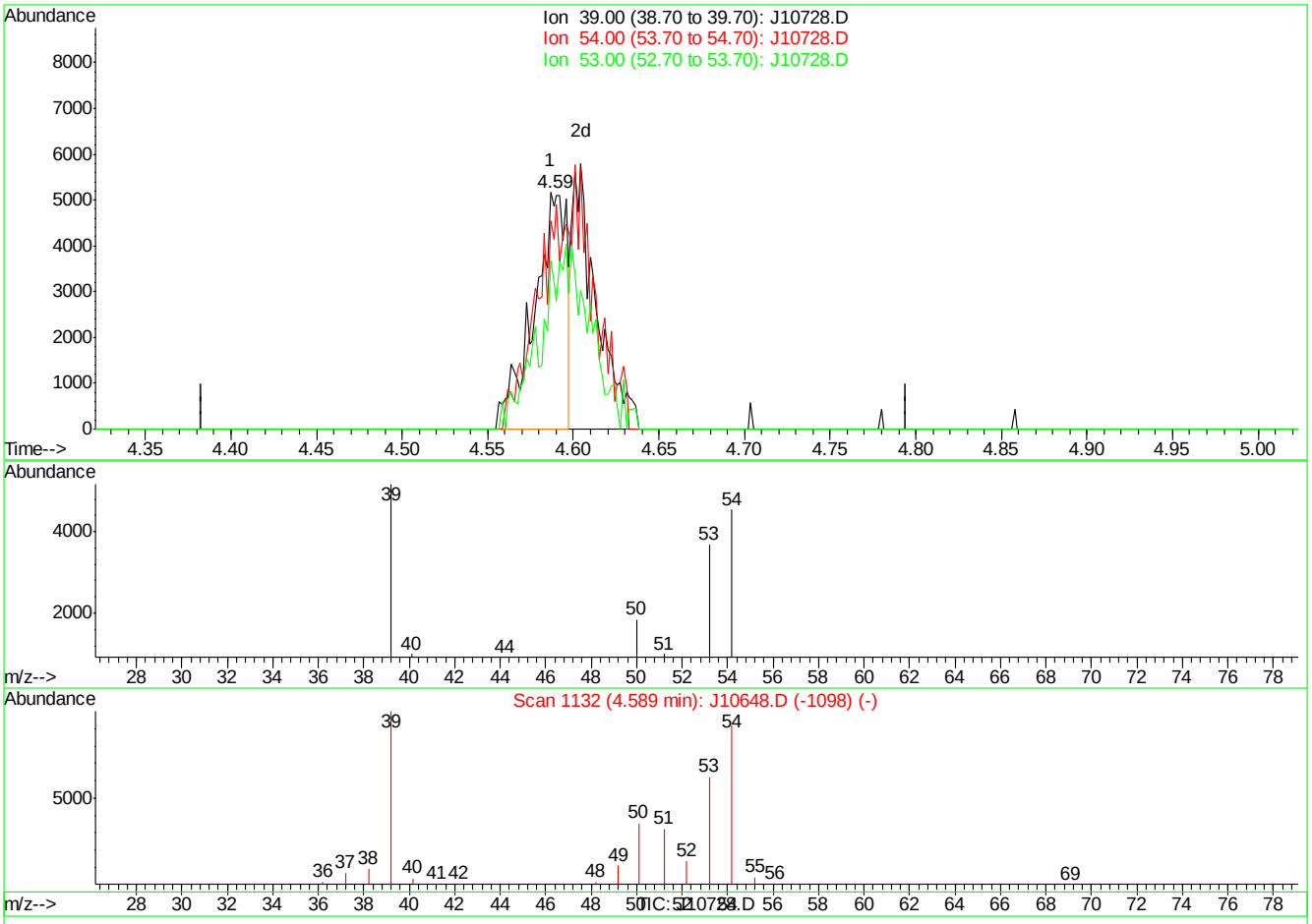
ACCUTEST Laboratories
M65607

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration



(7) 1,3-BUTADIENE (m)

4.59min 0.24PPBV

response 6837

Ion	Exp%	Act%
39.00	100	100
54.00	94.20	91.52
53.00	65.20	0.00#
0.00	0.00	0.00

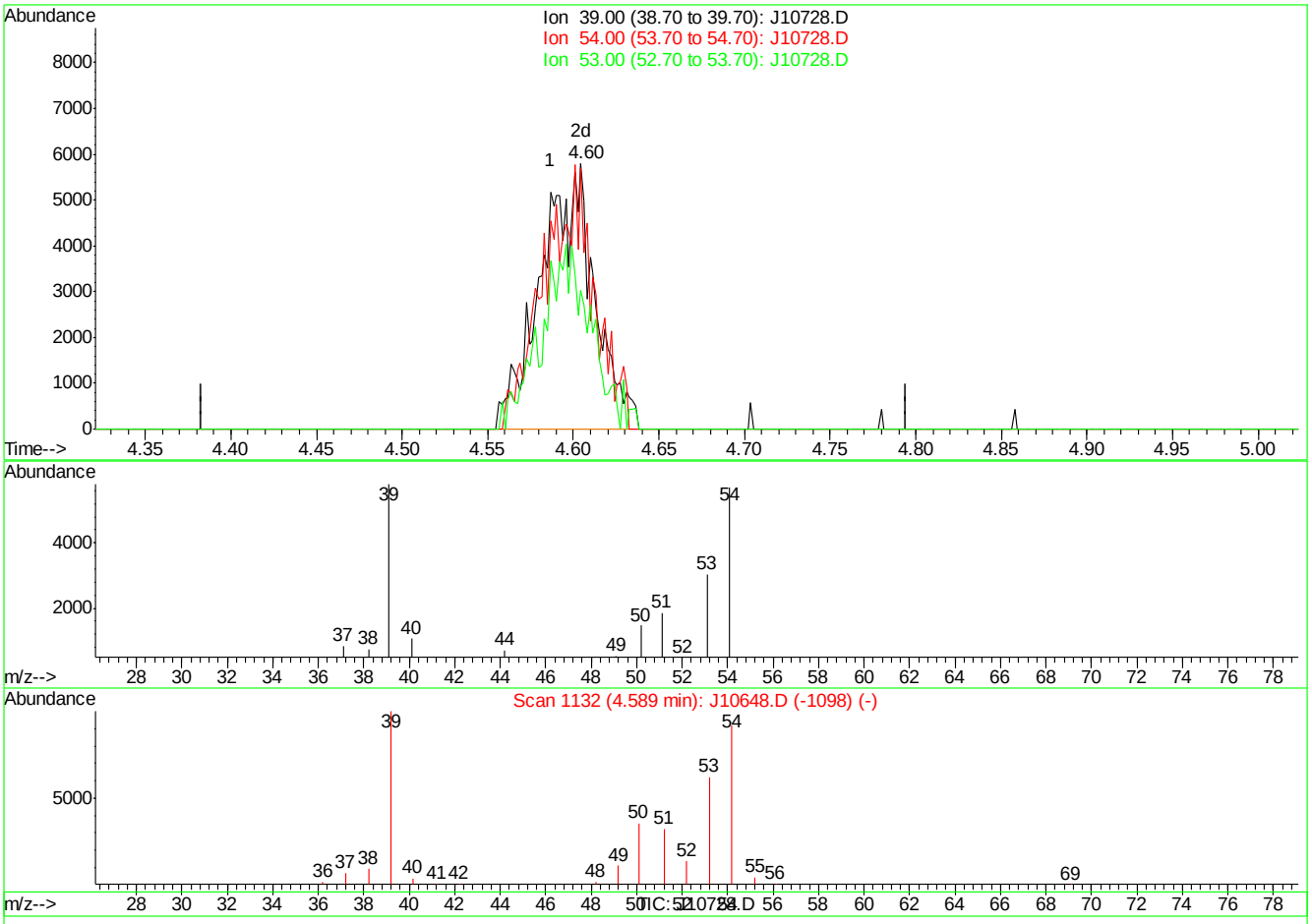
J10728.D J062207T.M Fri Jun 22 09:57:16 2007

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration



(7) 1,3-BUTADIENE (m)

4.60min 0.44PPBV m

response 12568

Ion	Exp%	Act%
39.00	100	100
54.00	94.20	49.79#
53.00	65.20	0.00#
0.00	0.00	0.00

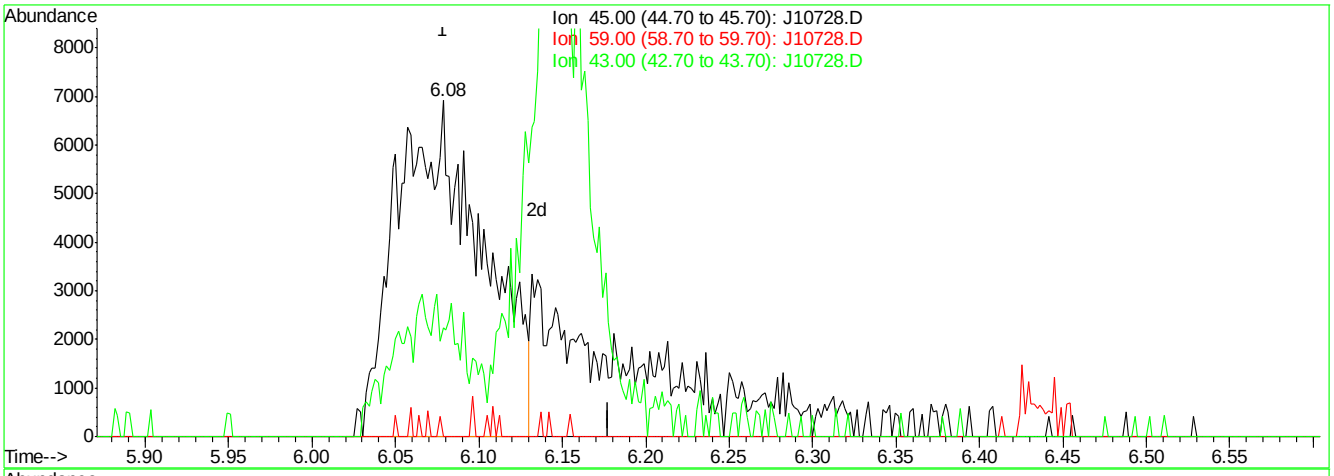
J10728.D J062207T.M Fri Jun 22 09:57:20 2007

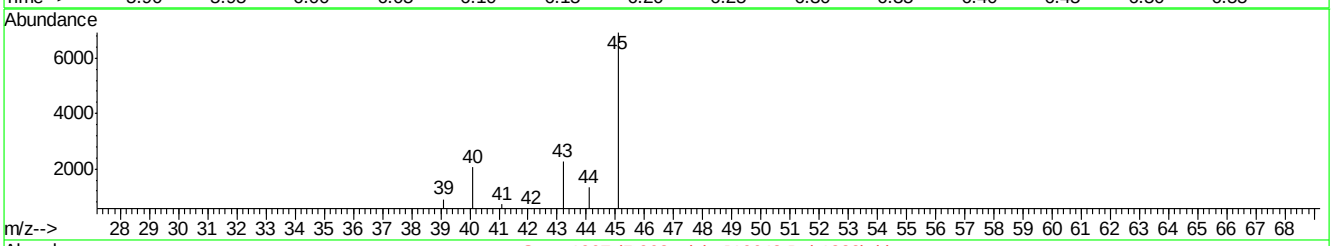
Quantitation Report (Qedit)

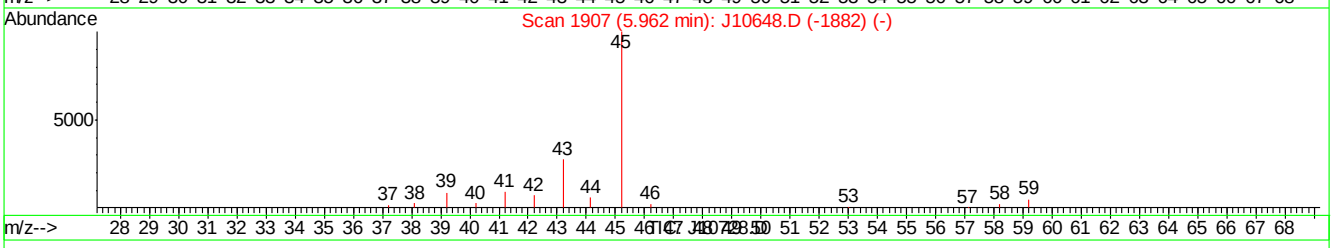
Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.08min 0.48PPBV

response 24576

Ion	Exp%	Act%
45.00	100	100
59.00	5.10	0.00
43.00	27.70	32.51
0.00	0.00	0.00

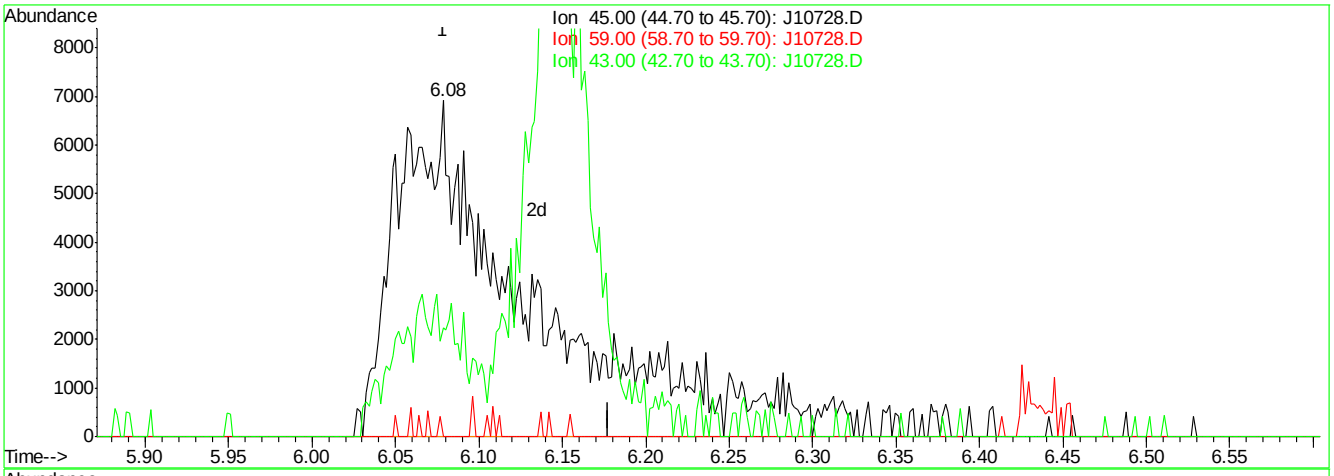
J10728.D J062207T.M Fri Jun 22 09:57:34 2007

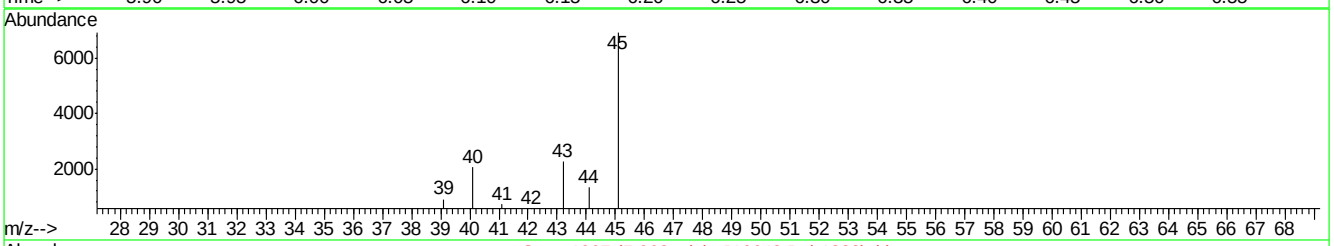
Quantitation Report (Qedit)

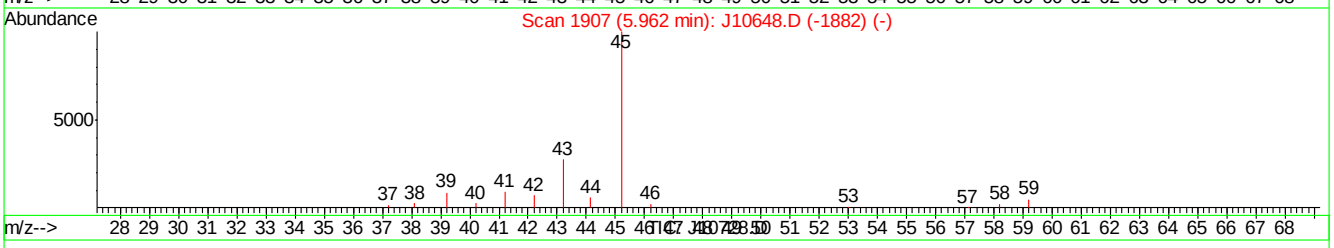
Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.08min 0.69PPBV m

response 35483

Ion	Exp%	Act%
45.00	100	100
59.00	5.10	0.00
43.00	27.70	32.51
0.00	0.00	0.00

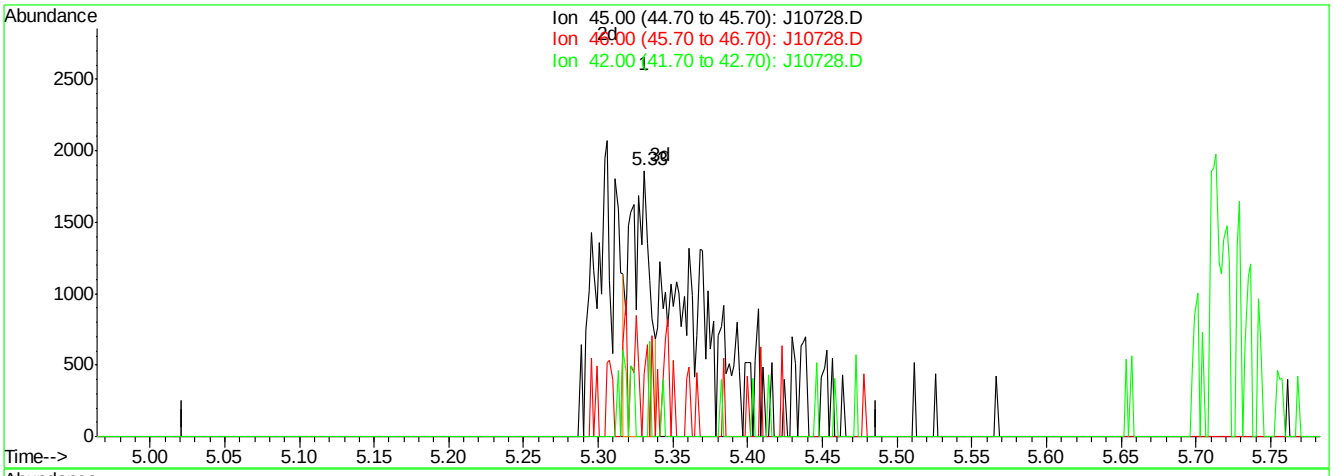
J10728.D J062207T.M Fri Jun 22 09:57:40 2007

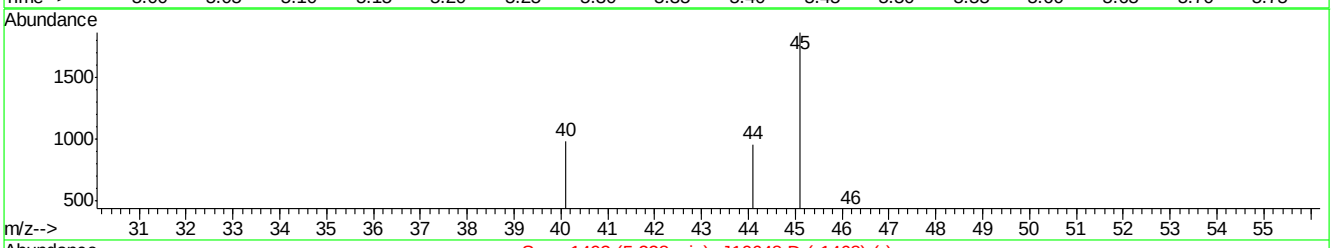
Quantitation Report (Qedit)

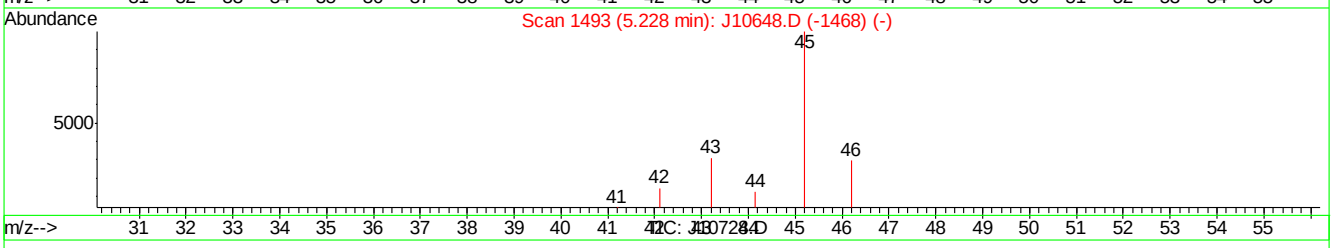
Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.33min 0.17PPBV

response 1620

Ion	Exp%	Act%
45.00	100	100
46.00	33.70	26.85
42.00	5.10	4.38
0.00	0.00	0.00

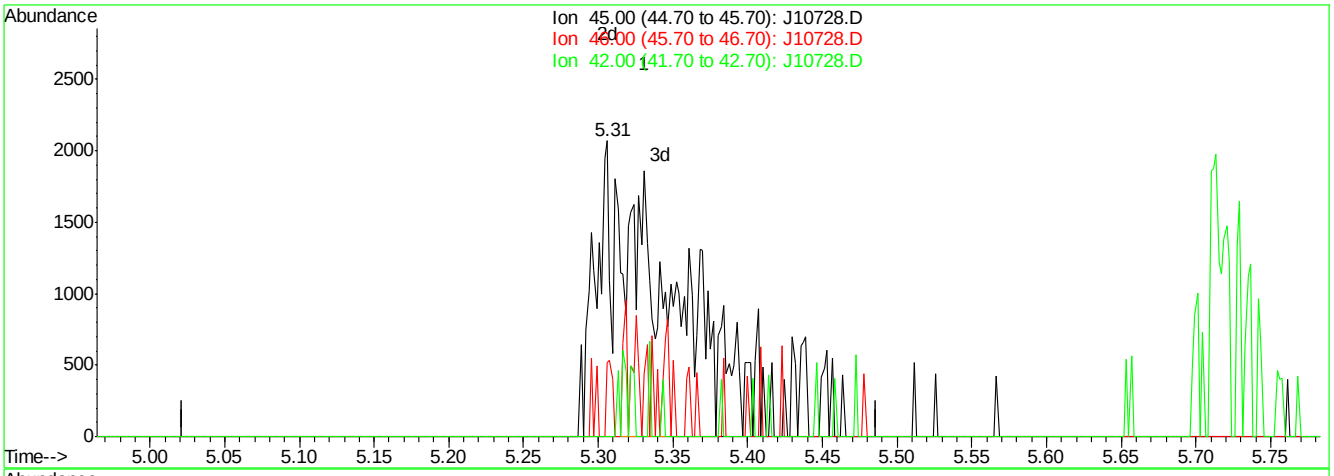
J10728.D J062207T.M Fri Jun 22 09:57:50 2007

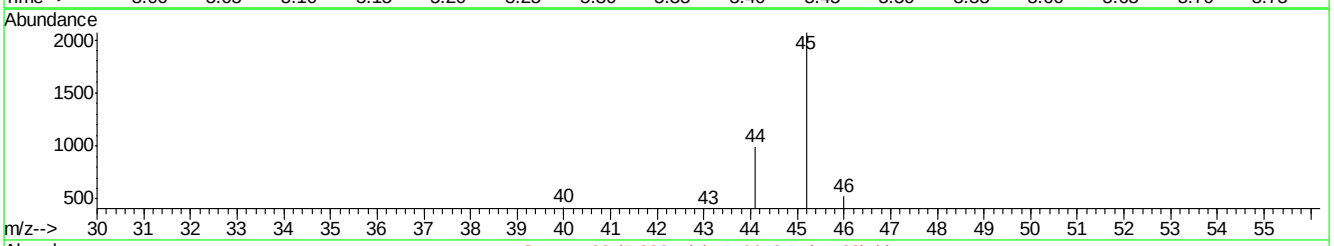
Quantitation Report (Qedit)

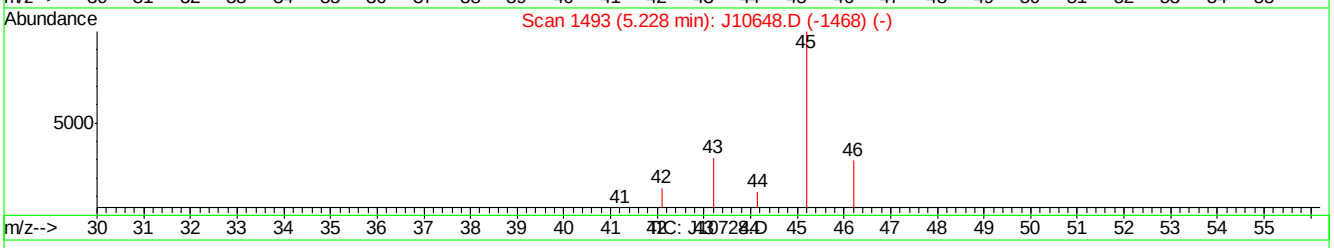
Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.31min 0.60PPBV m

response 5785

Ion	Exp%	Act%
45.00	100	100
46.00	33.70	7.52#
42.00	5.10	1.23
0.00	0.00	0.00

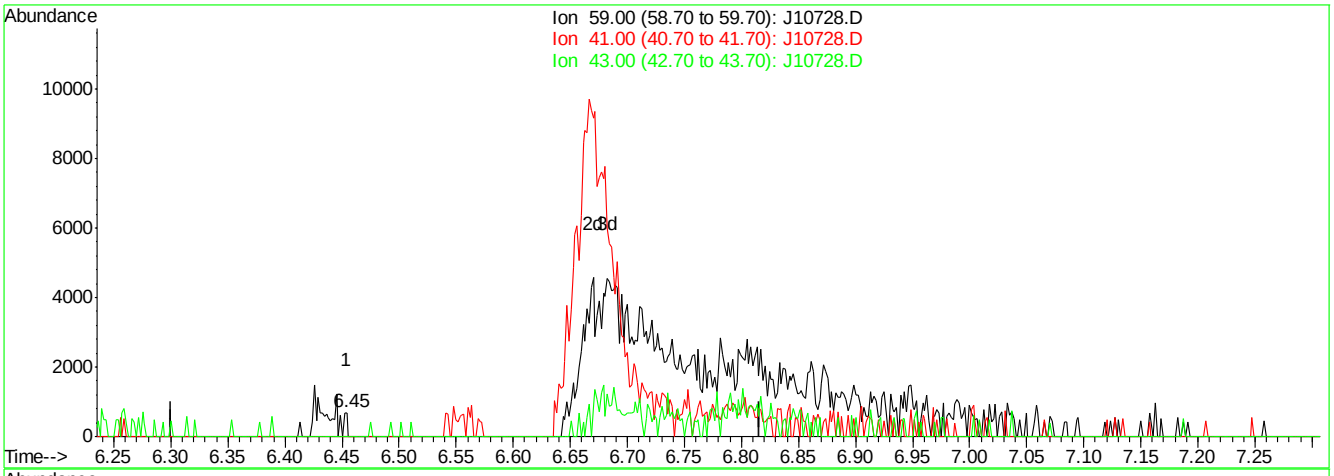
J10728.D J062207T.M Fri Jun 22 09:58:02 2007

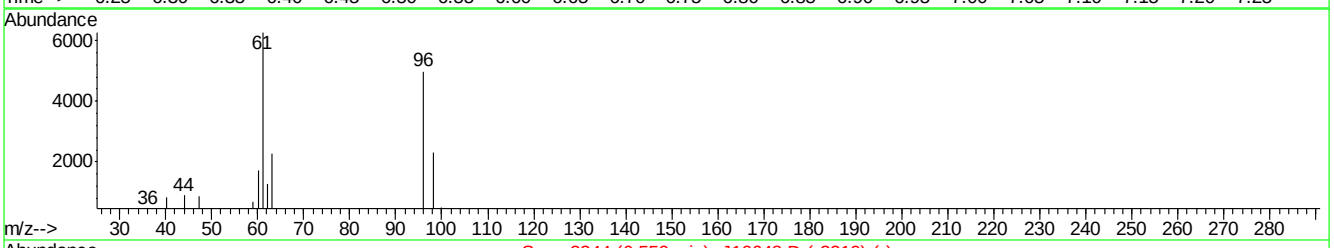
Quantitation Report (Qedit)

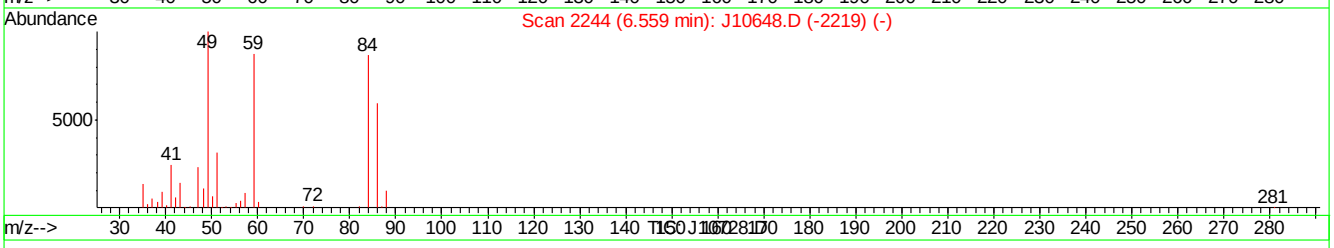
Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(22) TERTIARY BUTYL ALCOHOL (m)

6.45min 0.00PPBV

response 143

Ion	Exp%	Act%
59.00	100	100
41.00	24.40	0.00#
43.00	18.50	0.00
0.00	0.00	0.00

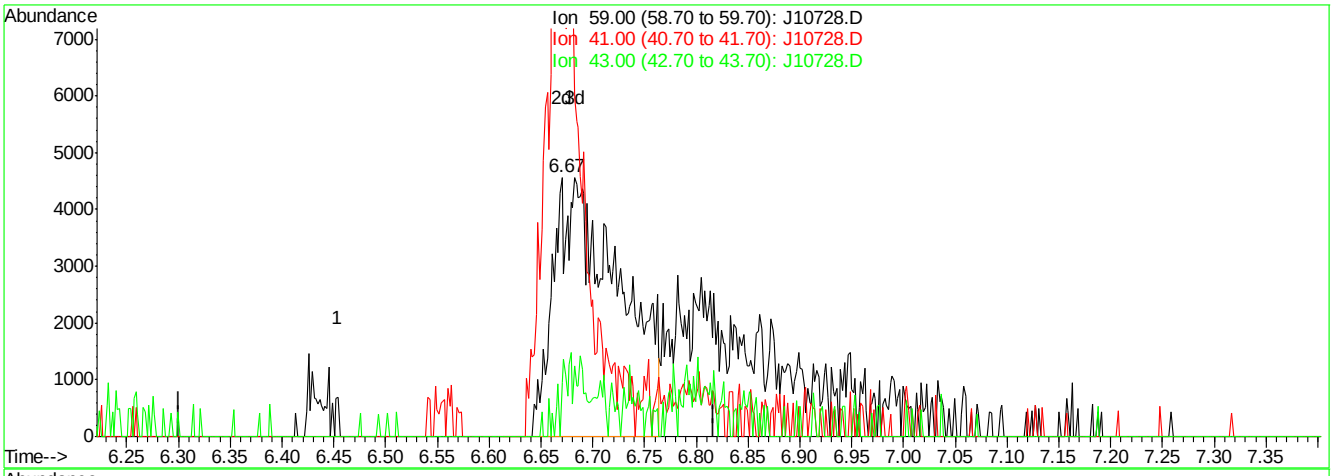
J10728.D J062207T.M Fri Jun 22 09:58:14 2007

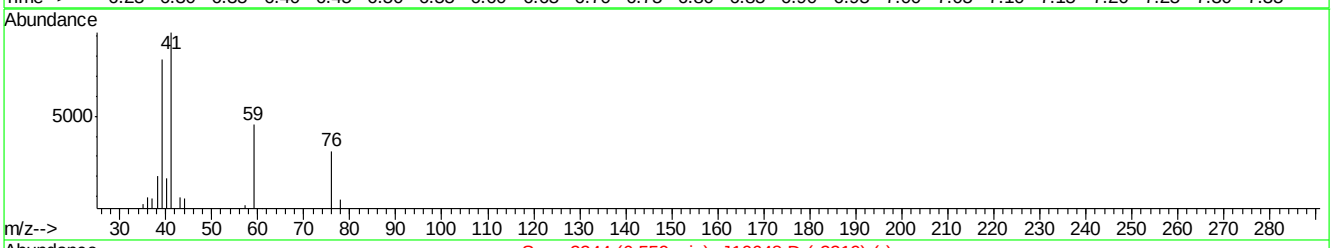
Quantitation Report (Qedit)

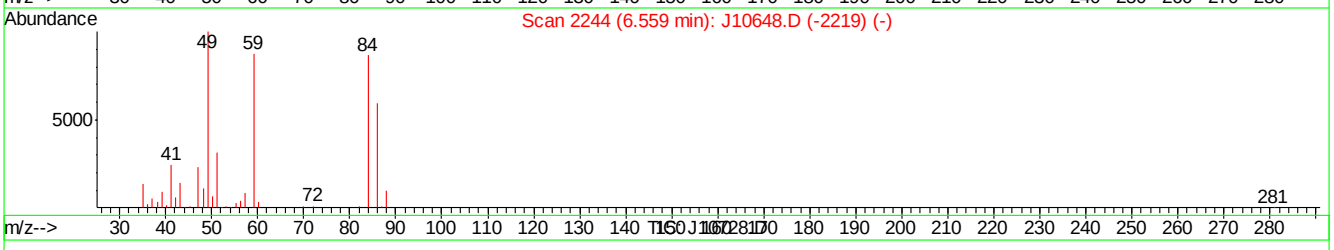
Data File : C:\MSDChem\1\data\J10728.D Vial: 1
Acq On : 22 Jun 2007 9:26 am Operator: danat
Sample : ic556-0.5 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 09:56:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(22) TERTIARY BUTYL ALCOHOL (m)

6.67min 0.31PPBV m

response 19929

Ion	Exp%	Act%
59.00	100	100
41.00	24.40	0.00#
43.00	18.50	0.00
0.00	0.00	0.00

J10728.D J062207T.M Fri Jun 22 09:58:33 2007

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
06/26/07 15:46

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10729.D
Acq On : 22 Jun 2007 10:16 am
Operator : danat
Sample : ic556-0.2 (m140)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 22 10:49:25 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 09:56:39 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	376183	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1706067	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.67	117	1365497	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.29	95	383012	4.69	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 93.80%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.08	85	24671	0.16	PPBV	96
4) FREON 114	4.34	85	21275	0.15	PPBV	98
5) CHLOROMETHANE	4.25	50	5206	0.15	PPBV	77
6) VINYL CHLORIDE	4.46	62	4913	0.12	PPBV #	80
8) BROMOMETHANE	4.88	94	6807m	0.14	PPBV	
9) CHLOROETHANE	5.03	64	2240	0.12	PPBV #	64
10) TRICHLOROFLUOROMETHANE	5.81	101	25304	0.16	PPBV	94
12) ACETONE	5.75	43	12042	0.25	PPBV	80
13) PENTANE	6.15	42	5222m	0.15	PPBV	
14) 1,1-DICHLOROETHYLENE	6.43	96	6473	0.14	PPBV #	91
15) CARBON DISULFIDE	6.86	76	19877	0.15	PPBV	91
17) BROMOETHENE	5.40	106	5811	0.13	PPBV #	93
18) METHYLENE CHLORIDE	6.56	84	14706	0.25	PPBV	95
20) FREON 113	6.80	151	15623	0.15	PPBV	99
21) TRANS-1,2-DICHLOROETHYLENE	7.47	96	5672	0.13	PPBV	93
23) METHYL TERTIARY BUTYL ETHE	7.81	73	10568	0.14	PPBV #	66
25) HEXANE	8.63	57	9190	0.19	PPBV	88
26) VINYL ACETATE	7.84	43	7066	0.14	PPBV	77
27) 1,1-DICHLOROETHANE	7.66	63	10900	0.15	PPBV	80
28) METHYL ETHYL KETONE	8.17	43	7880	0.16	PPBV #	52
29) cis-1,2-DICHLOROETHYLENE	8.46	96	5534	0.13	PPBV	93
30) ETHYL ACETATE	8.64	43	6699	0.13	PPBV #	100
31) CHLOROFORM	8.74	83	15382	0.16	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.68	97	16085	0.14	PPBV	97
33) CARBON TETRACHLORIDE	10.26	117	21091	0.15	PPBV	98
34) 1,2-DICHLOROETHANE	9.46	62	8105	0.15	PPBV	95
36) BENZENE	10.12	78	12752	0.11	PPBV	89
38) TRICHLOROETHYLENE	11.11	95	6572	0.11	PPBV	95
39) 1,2-DICHLOROPROPANE	10.90	63	4658	0.13	PPBV	87
40) BROMODICHLOROMETHANE	11.09	83	12369	0.12	PPBV	96
46) TOLUENE	12.88	92	6529	0.09	PPBV	96
48) 1,1,2-TRICHLOROETHANE	12.62	83	4371	0.11	PPBV	89
51) TETRACHLOROETHYLENE	14.01	164	8917	0.13	PPBV	98
52) DIBROMOCHLOROMETHANE	13.32	129	11396	0.12	PPBV	99
53) 1,2-DIBROMOETHANE	13.57	107	6271	0.10	PPBV #	89
54) CHLOROBENZENE	14.71	112	12698	0.12	PPBV	89
56) m,p-XYLENE	15.28	106	8255m	0.15	PPBV	
60) BROMOFORM	15.39	173	9997	0.11	PPBV	91
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	8771	0.10	PPBV	97

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10729.D
Acq On : 22 Jun 2007 10:16 am
Operator : danat
Sample : ic556-0.2 (m140)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 22 10:49:25 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 09:56:39 2007
Response via : Initial Calibration

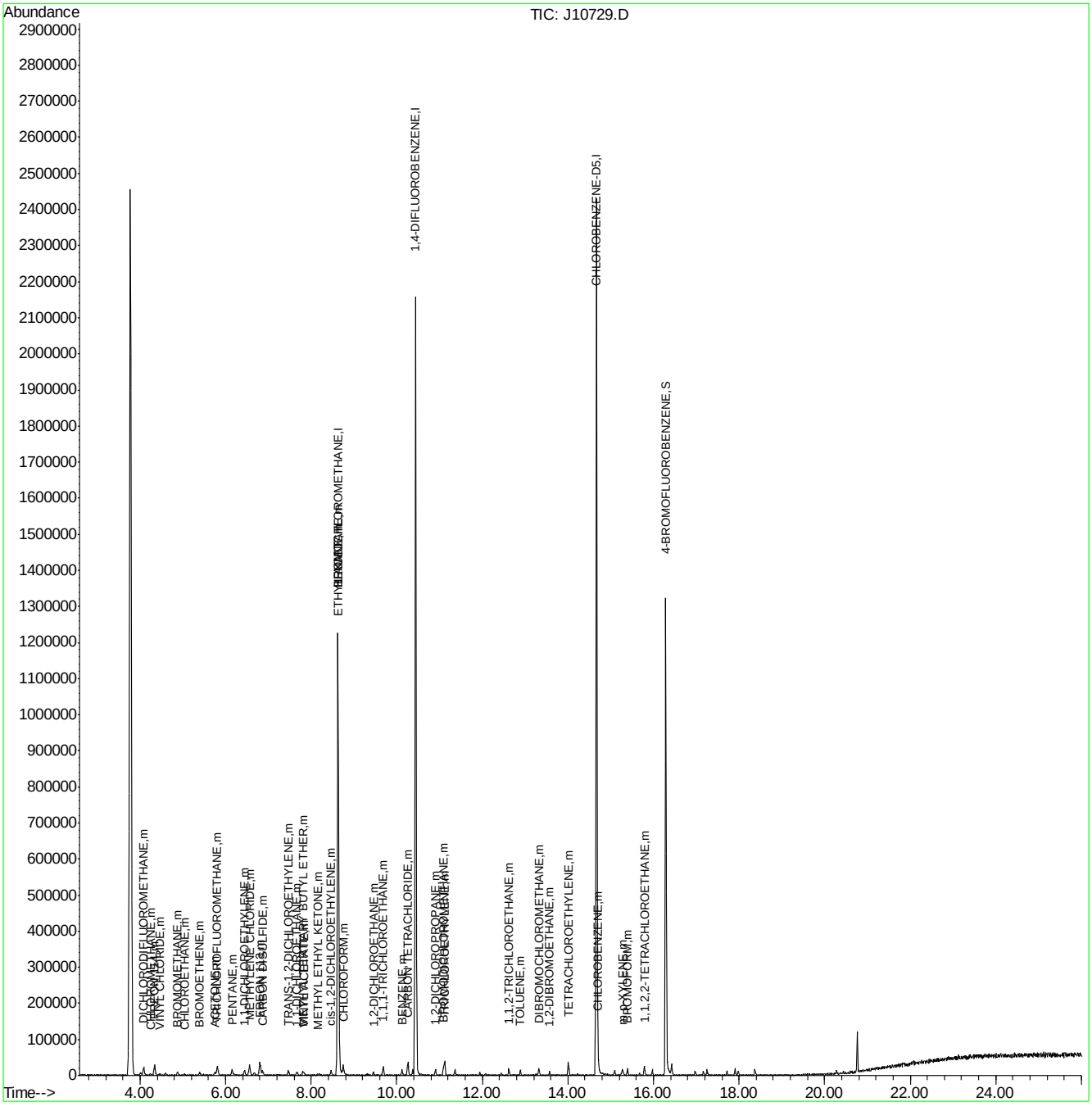
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10729.D
Acq On : 22 Jun 2007 10:16 am
Operator : danat
Sample : ic556-0.2 (m140)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 22 10:49:25 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 09:56:39 2007
Response via : Initial Calibration

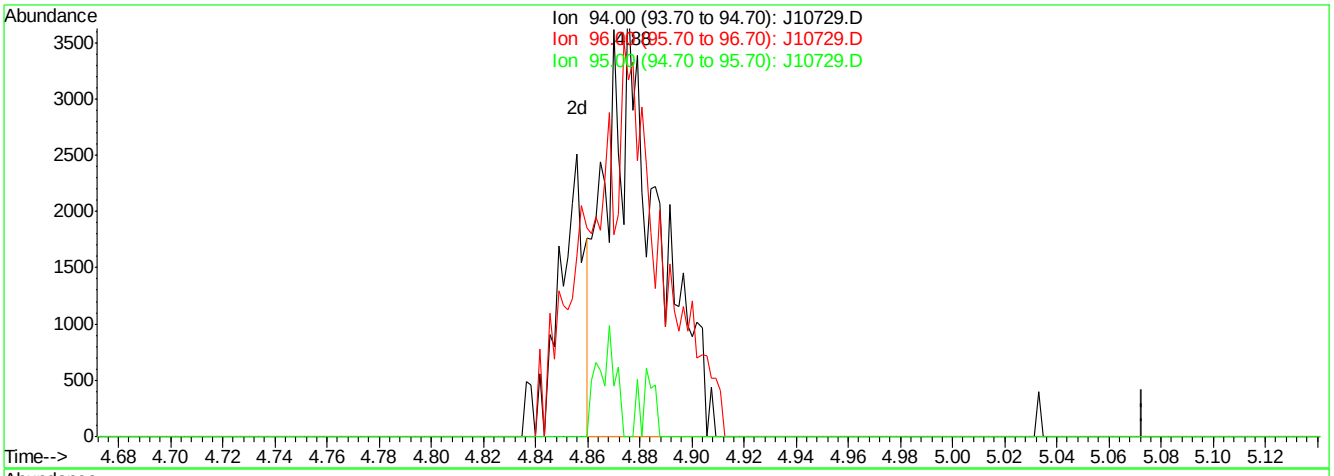


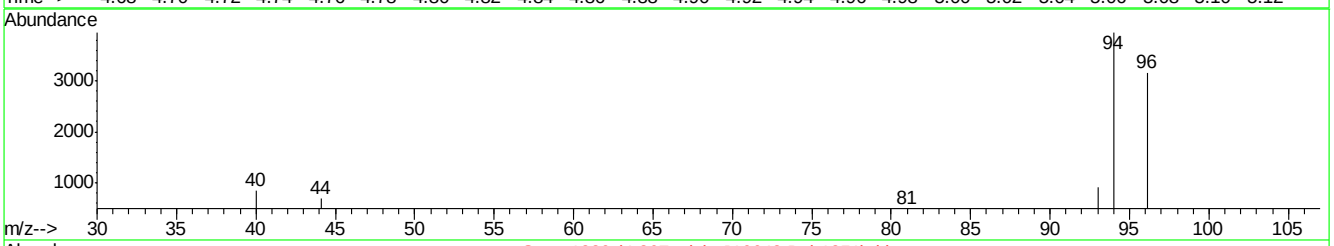
Quantitation Report (Qedit)

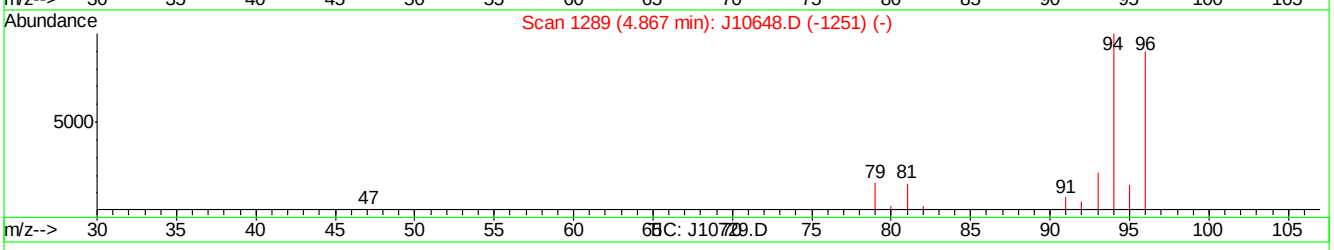
Data File : C:\MSDCHEM\1\DATA\J10729.D Vial: 1
Acq On : 22 Jun 2007 10:16 am Operator: danat
Sample : ic556-0.2 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 10:46:14 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(8) BROMOMETHANE (m)

4.88min 0.11PPBV

response 5285

Ion	Exp%	Act%
94.00	100	100
96.00	93.70	124.18#
95.00	15.50	8.55
0.00	0.00	0.00

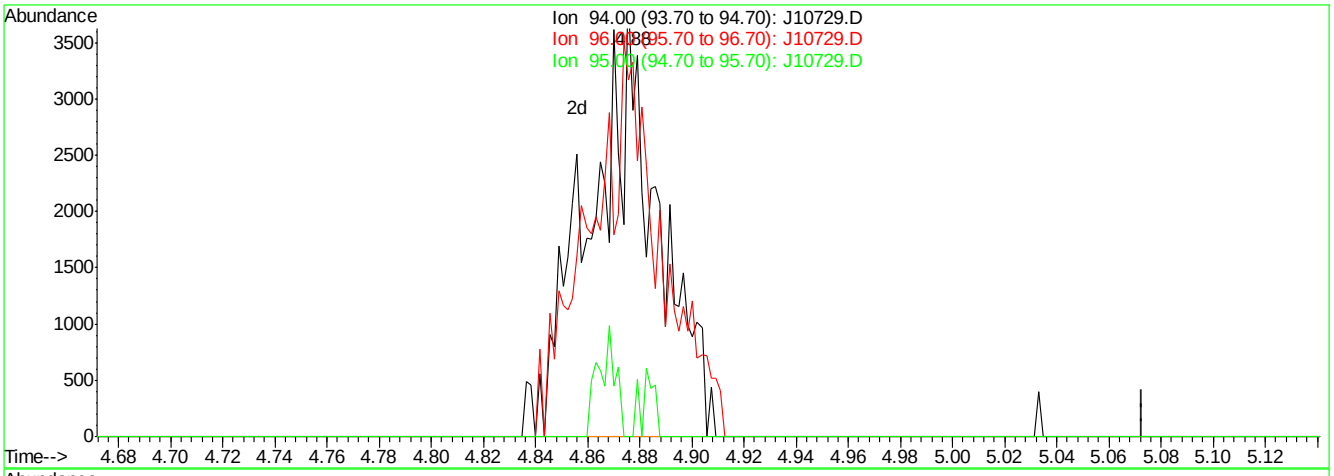
J10729.D J062207T.M Fri Jun 22 10:46:55 2007

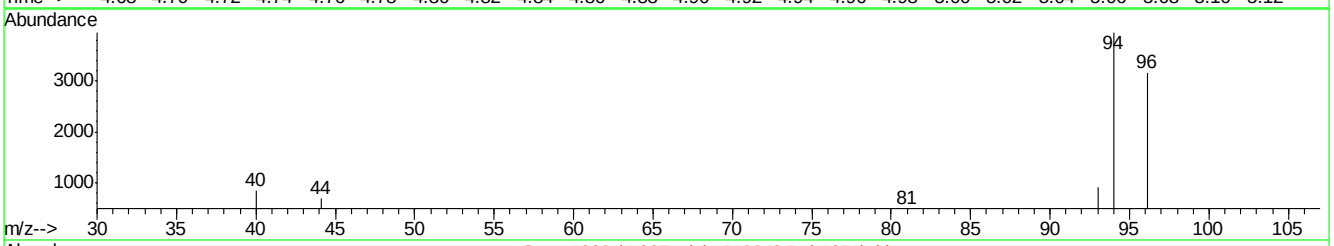
Quantitation Report (Qedit)

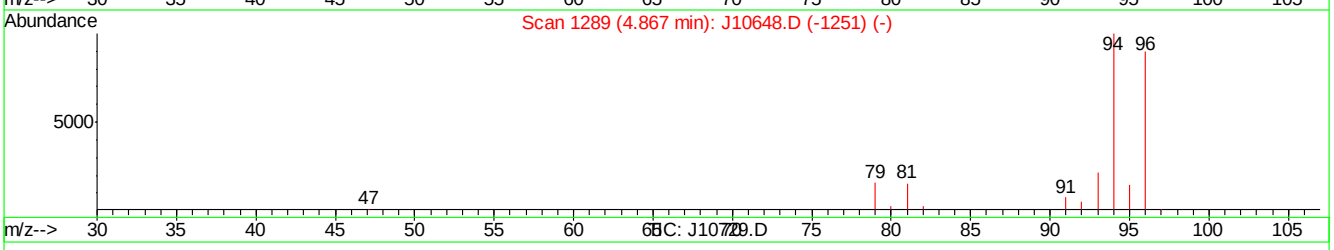
Data File : C:\MSDCHEM\1\DATA\J10729.D Vial: 1
Acq On : 22 Jun 2007 10:16 am Operator: danat
Sample : ic556-0.2 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 10:46:14 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(8) BROMOMETHANE (m)

4.88min 0.14PPBV m

response 6807

Ion	Exp%	Act%
94.00	100	100
96.00	93.70	96.42
95.00	15.50	6.64
0.00	0.00	0.00

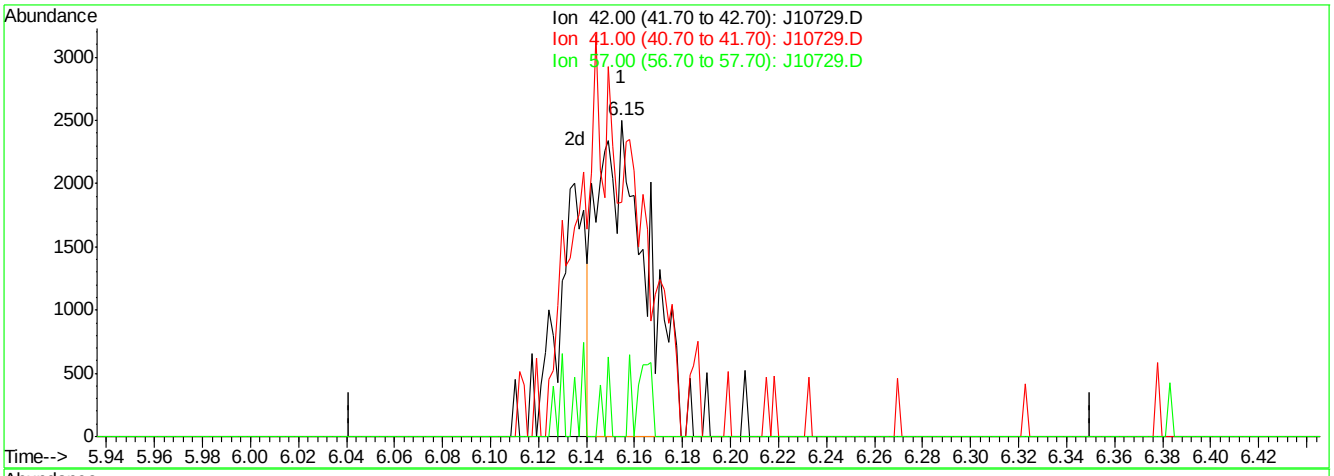
J10729.D J062207T.M Fri Jun 22 10:47:01 2007

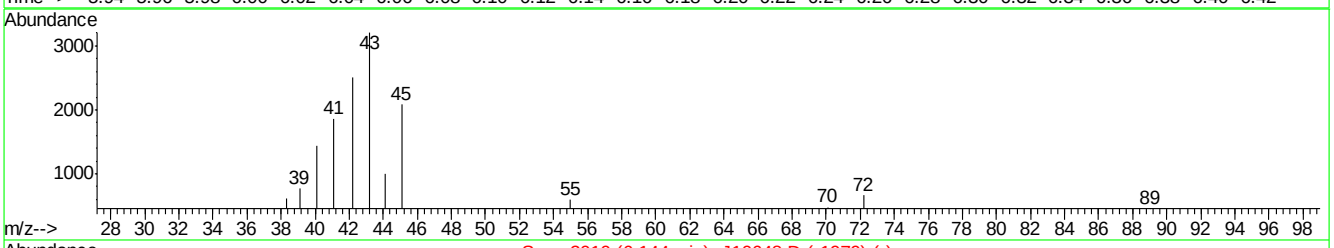
Quantitation Report (Qedit)

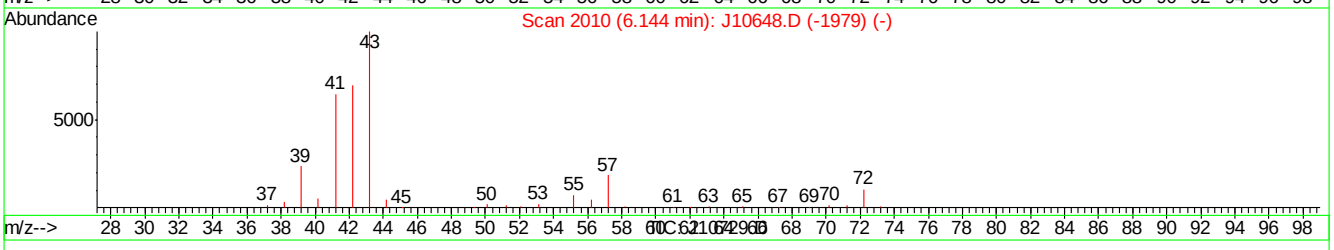
Data File : C:\MSDCHEM\1\DATA\J10729.D Vial: 1
Acq On : 22 Jun 2007 10:16 am Operator: danat
Sample : ic556-0.2 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 10:46:14 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(13) PENTANE (m)

6.15min 0.11PPBV

response 3652

Ion	Exp%	Act%
42.00	100	100
41.00	95.90	149.21#
57.00	25.60	8.08
0.00	0.00	0.00

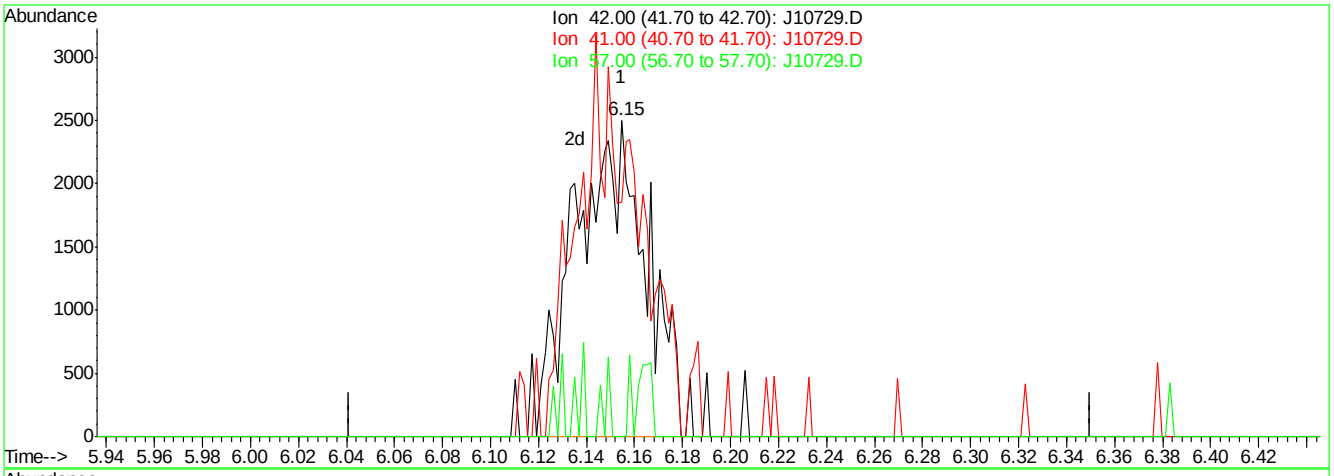
J10729.D J062207T.M Fri Jun 22 10:47:16 2007

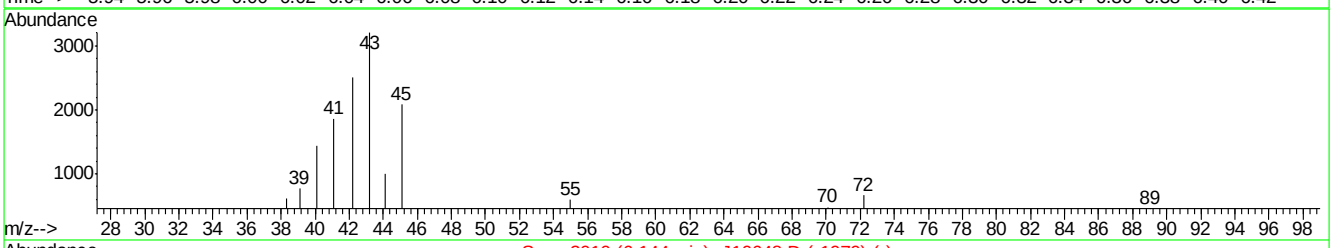
Quantitation Report (Qedit)

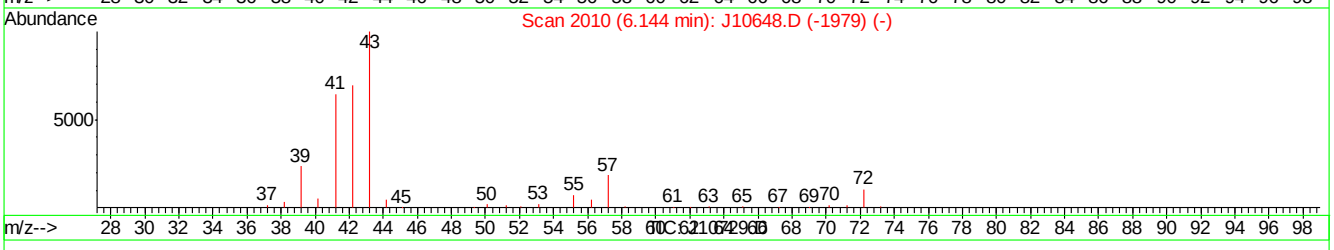
Data File : C:\MSDCHEM\1\DATA\J10729.D Vial: 1
Acq On : 22 Jun 2007 10:16 am Operator: danat
Sample : ic556-0.2 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 10:46:14 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(13) PENTANE (m)

6.15min 0.15PPBV m

response 5222

Ion	Exp%	Act%
42.00	100	100
41.00	95.90	104.35
57.00	25.60	5.65
0.00	0.00	0.00

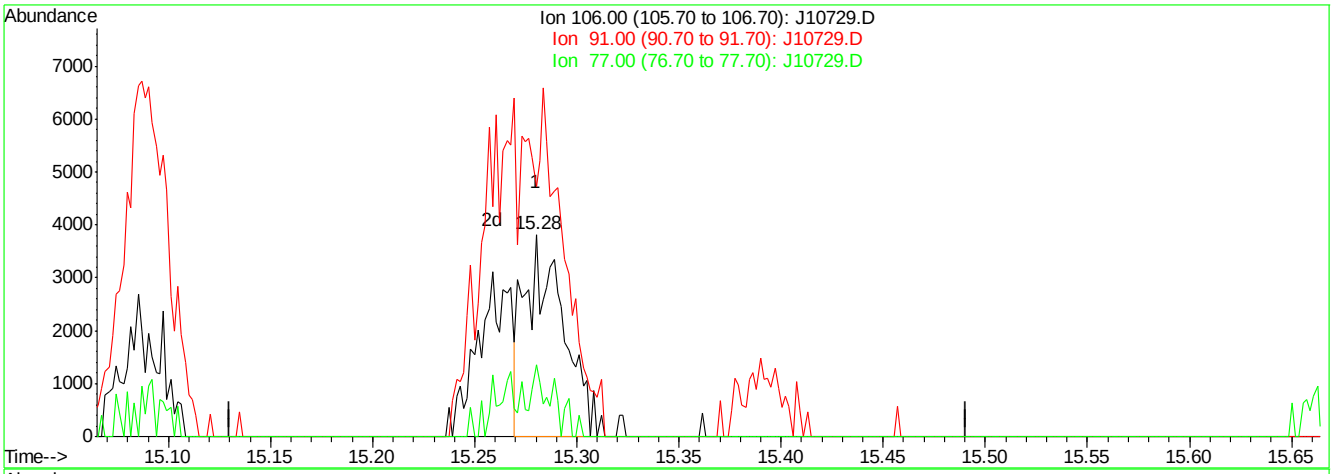
J10729.D J062207T.M Fri Jun 22 10:47:21 2007

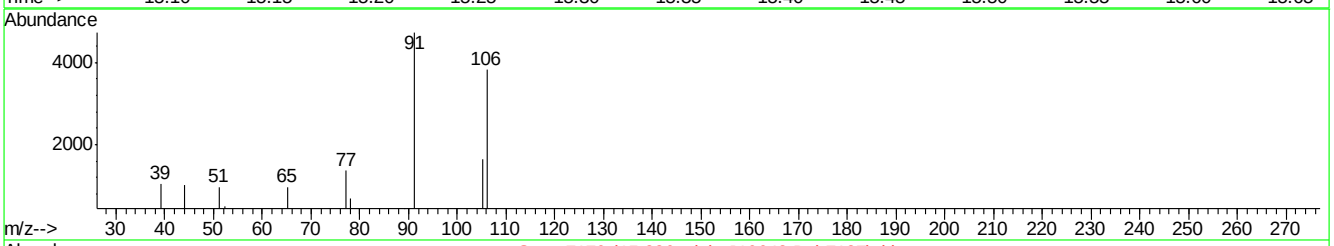
Quantitation Report (Qedit)

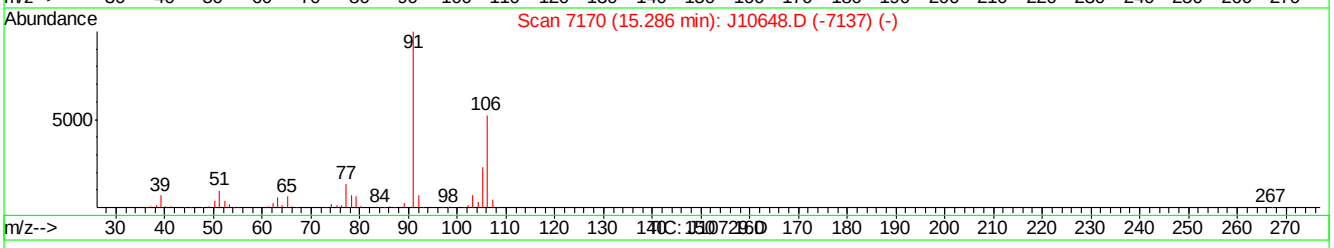
Data File : C:\MSDCHEM\1\DATA\J10729.D Vial: 1
Acq On : 22 Jun 2007 10:16 am Operator: danat
Sample : ic556-0.2 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 10:46:14 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(56) m,p-XYLENE (m)

15.28min 0.09PPBV

response 5033

Ion	Exp%	Act%
106.00	100	100
91.00	191.40	123.66#
77.00	25.70	35.62#
0.00	0.00	0.00

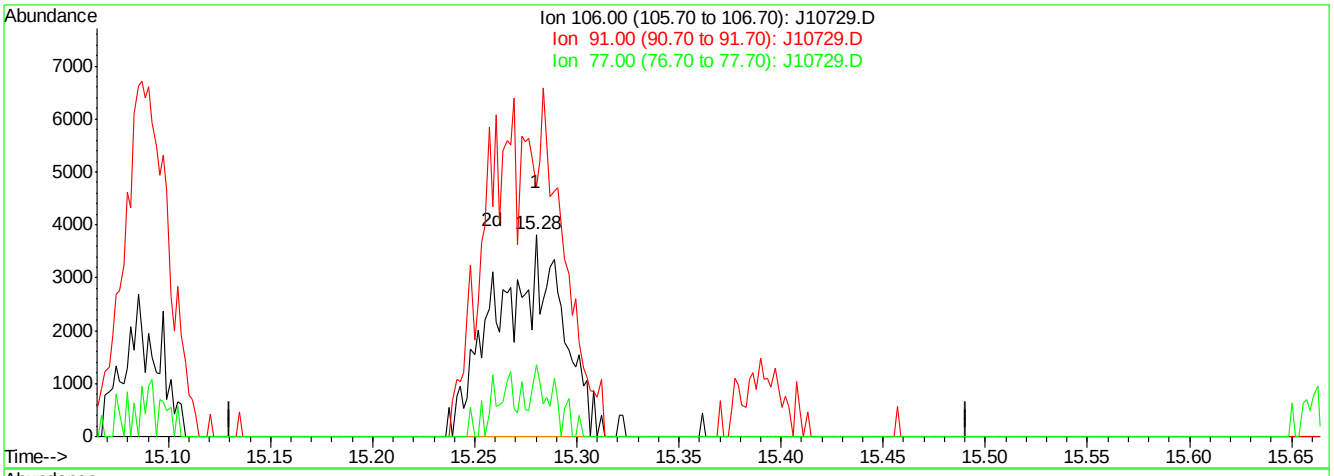
J10729.D J062207T.M Fri Jun 22 10:48:58 2007

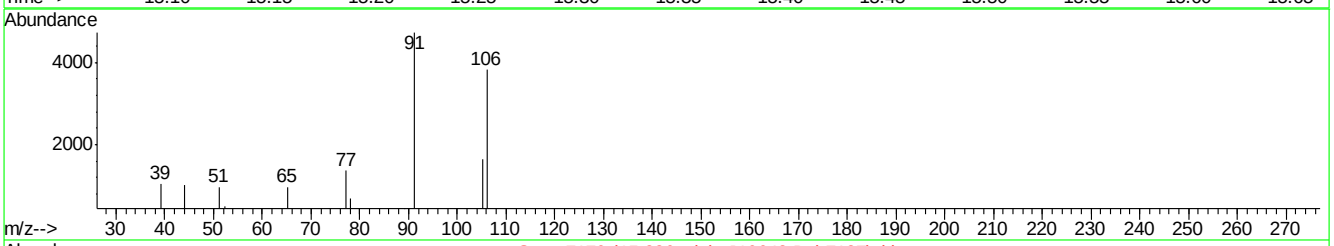
Quantitation Report (Qedit)

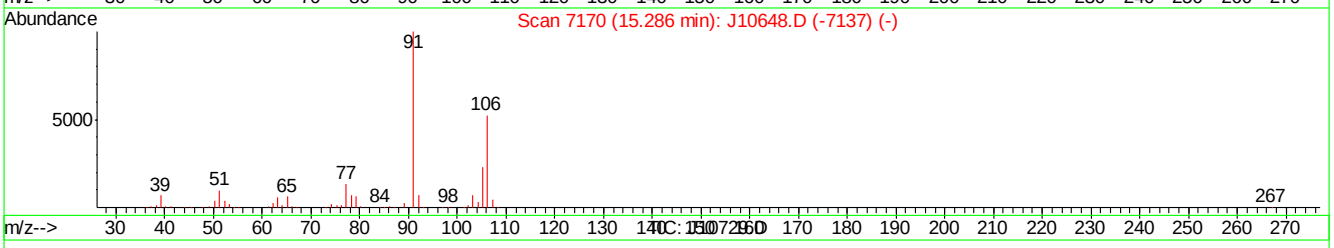
Data File : C:\MSDCHEM\1\DATA\J10729.D Vial: 1
Acq On : 22 Jun 2007 10:16 am Operator: danat
Sample : ic556-0.2 (m140) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 10:46:14 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 09:56:39 2007
Response via : Multiple Level Calibration







(56) m,p-XYLENE (m)

15.28min 0.15PPBV m

response 8255

Ion	Exp%	Act%
106.00	100	100
91.00	191.40	123.66#
77.00	25.70	35.62#
0.00	0.00	0.00

J10729.D J062207T.M Fri Jun 22 10:49:04 2007

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 06/26/07 15:46

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10731.D
Acq On : 22 Jun 2007 11:55 am
Operator : danat
Sample : ic556-40 (m173)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 13:15:51 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 11:34:20 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.64	128	344414	10.00	PPBV	0.01
35) 1,4-DIFLUOROBENZENE	10.47	114	1429822	10.00	PPBV	0.02
49) CHLOROBENZENE-D5	14.70	117	1373956	10.00	PPBV	0.02

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.33	95	462808	5.61	PPBV	0.03

Spiked Amount 5.000 Range 51 - 142 Recovery = 112.20%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	4963338	38.19	PPBV	100
3) PROPYLENE	4.00	41	808437	42.22	PPBV	99
4) FREON 114	4.33	85	4338074	37.68	PPBV	100
5) CHLOROMETHANE	4.24	50	1041926	37.51	PPBV	99
6) VINYL CHLORIDE	4.45	62	1285570	42.81	PPBV	98
7) 1,3-BUTADIENE	4.59	39	981441	41.76	PPBV	97
8) BROMOMETHANE	4.86	94	1485916	38.59	PPBV	99
9) CHLOROETHANE	5.03	64	620899	42.30	PPBV	97
10) TRICHLOROFLUOROMETHANE	5.79	101	5291687	37.77	PPBV	99
11) ISOPROPYL ALCOHOL	6.08	45	1749347m	31.51	PPBV	
12) ACETONE	5.66	43	1749236	29.31	PPBV	96
13) PENTANE	6.14	42	1129611	39.37	PPBV	94
14) 1,1-DICHLOROETHYLENE	6.43	96	1536779	43.59	PPBV	93
15) CARBON DISULFIDE	6.85	76	4103769	38.93	PPBV	97
16) ETHANOL	5.25	45	287425	29.32	PPBV #	87
17) BROMOETHENE	5.38	106	1566338	45.14	PPBV	99
18) METHYLENE CHLORIDE	6.55	84	1353087	21.68	PPBV	96
19) 3-CHLOROPROPENE	6.66	39	1448366	47.14	PPBV #	23
20) FREON 113	6.79	151	3385465	39.15	PPBV	98
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	1537567	44.98	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.68	59	2418786m	55.14	PPBV	
23) METHYL TERTIARY BUTYL ETHE	7.74	73	3461873	49.68	PPBV	98
24) TETRAHYDROFURAN	9.19	42	1065577	49.02	PPBV	99
25) HEXANE	8.64	57	1636753	34.88	PPBV	97
26) VINYL ACETATE	7.82	43	2241728	53.56	PPBV	96
27) 1,1-DICHLOROETHANE	7.67	63	2549029	39.97	PPBV	100
28) METHYL ETHYL KETONE	8.11	43	2060440	43.54	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.47	96	1532689	45.93	PPBV	95
30) ETHYL ACETATE	8.73	43	2230905	47.25	PPBV	100
31) CHLOROFORM	8.76	83	3546011	40.42	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.69	97	4255684	43.09	PPBV	100
33) CARBON TETRACHLORIDE	10.27	117	5093848	43.31	PPBV	100
34) 1,2-DICHLOROETHANE	9.48	62	2210811	44.53	PPBV	99
36) BENZENE	10.14	78	3920592	50.34	PPBV	99
37) CYCLOHEXANE	10.38	84	1776021	49.90	PPBV	100
38) TRICHLOROETHYLENE	11.14	95	1973871	48.38	PPBV	99
39) 1,2-DICHLOROPROPANE	10.93	63	1260826	48.11	PPBV	96
40) BROMODICHLOROMETHANE	11.12	83	3486702	47.96	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.14	57	5566599	42.30	PPBV	99
42) 1,4-DIOXANE	11.22	88	807649	38.10	PPBV	94
43) HEPTANE	11.38	43	1841537	42.98	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10731.D
Acq On : 22 Jun 2007 11:55 am
Operator : danat
Sample : ic556-40 (m173)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 13:15:51 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 11:34:20 2007
Response via : Initial Calibration

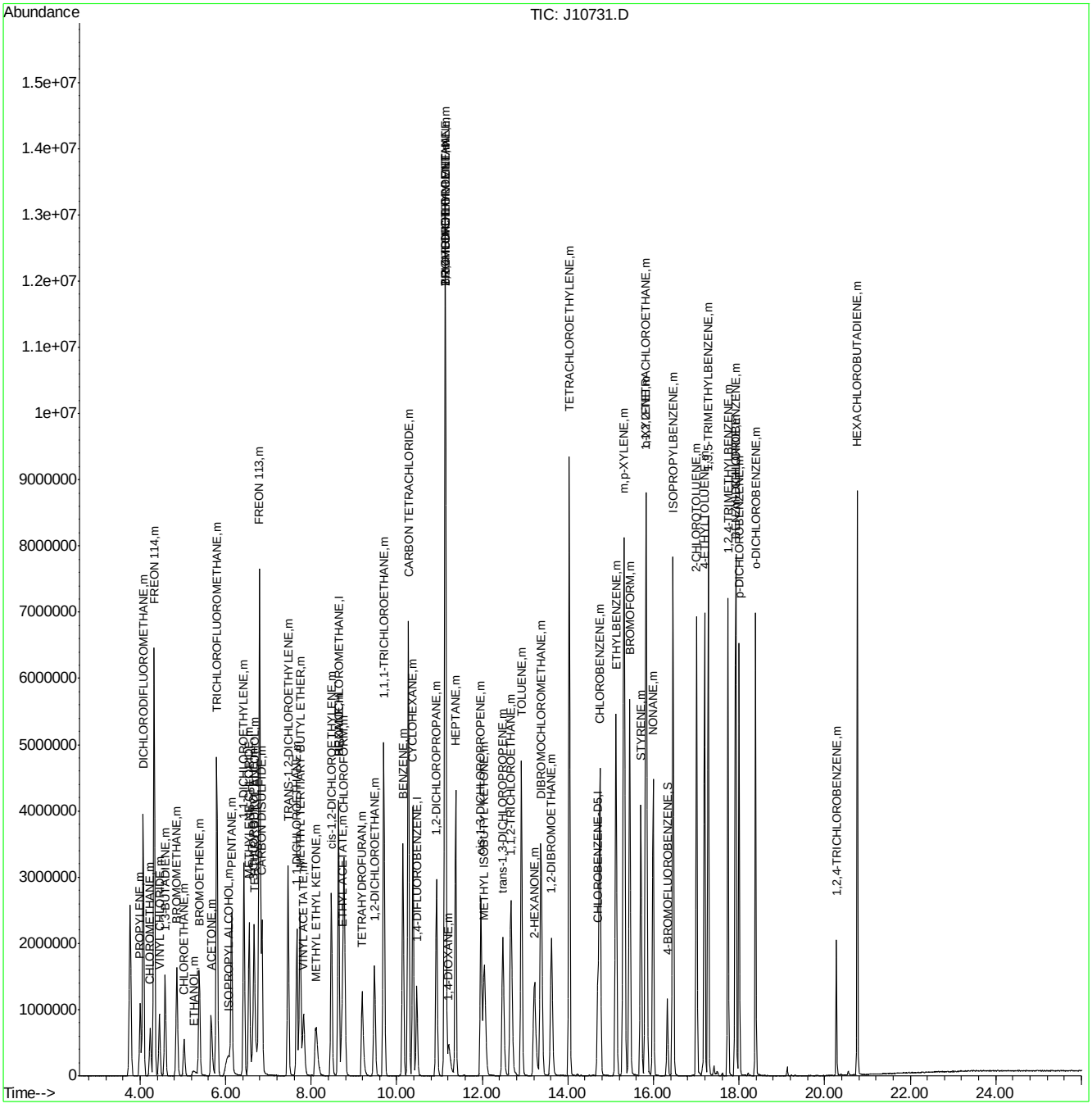
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.04	43	2449709	50.24	PPBV	100
45) cis-1,3-DICHLOROPROPENE	11.97	75	2075246	62.21	PPBV #	56
46) TOLUENE	12.91	92	2808316	62.51	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.48	75	2094895	72.94	PPBV	97
48) 1,1,2-TRICHLOROETHANE	12.67	83	1349444	50.82	PPBV	99
50) 2-HEXANONE	13.22	43	2173166	55.19	PPBV	99
51) TETRACHLOROETHYLENE	14.03	164	2628816	46.65	PPBV	99
52) DIBROMOCHLOROMETHANE	13.37	129	3746942	47.09	PPBV	100
53) 1,2-DIBROMOETHANE	13.61	107	2723559	54.44	PPBV	99
54) CHLOROBENZENE	14.75	112	3883389	44.72	PPBV	100
55) ETHYLBENZENE	15.12	91	5902436	59.93	PPBV	100
56) m,p-XYLENE	15.31	106	4517297	109.02	PPBV	99
57) o-XYLENE	15.82	106	2320371	57.23	PPBV	100
58) STYRENE	15.70	104	3022523	60.83	PPBV	99
59) NONANE	15.99	43	1970845	34.11	PPBV	100
60) BROMOFORM	15.45	173	4035271m	54.82	PPBV	
62) 1,1,2,2-TETRACHLOROETHANE	15.84	83	3219979	44.11	PPBV	99
63) ISOPROPYLBENZENE	16.46	105	6913414	43.41	PPBV	100
64) 2-CHLOROTOLUENE	17.01	91	4467388	44.42	PPBV	100
65) 4-ETHYLTOLUENE	17.19	105	5358475	45.81	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.28	105	5259279	40.63	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.74	105	4211616	40.27	PPBV	99
68) m-DICHLOROBENZENE	17.92	146	3096685	39.72	PPBV	99
69) BENZYL CHLORIDE	17.91	91	2736485	73.32	PPBV	100
70) p-DICHLOROBENZENE	18.00	146	2791593	46.72	PPBV	100
71) o-DICHLOROBENZENE	18.39	146	2830846	36.74	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	1586563	11.88	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	584865	17.72	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10731.D
Acq On : 22 Jun 2007 11:55 am
Operator : danat
Sample : ic556-40 (m173)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 13:15:51 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 11:34:20 2007
Response via : Initial Calibration

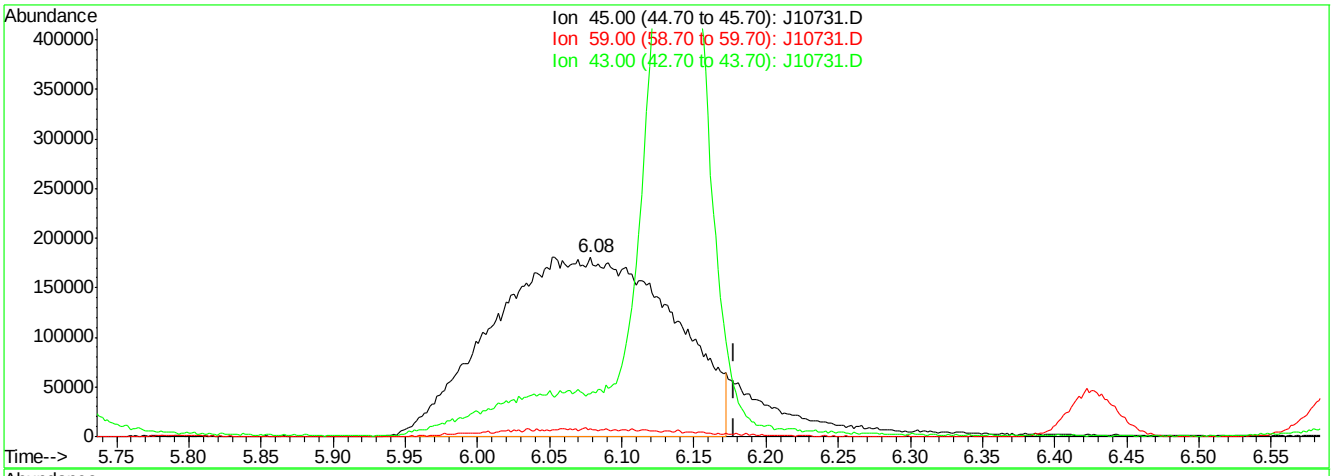


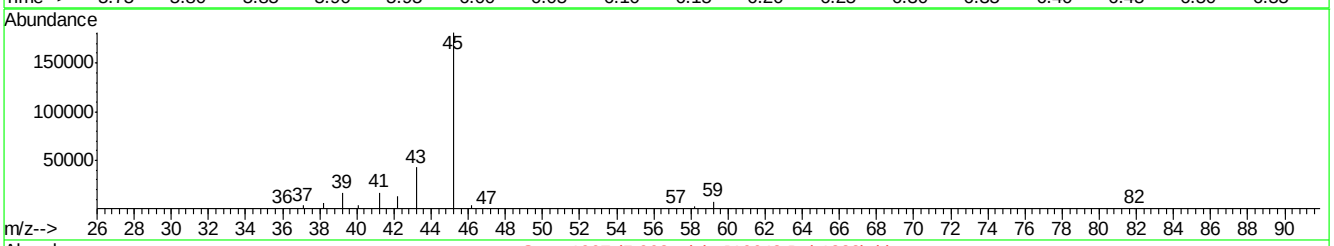
Quantitation Report (Qedit)

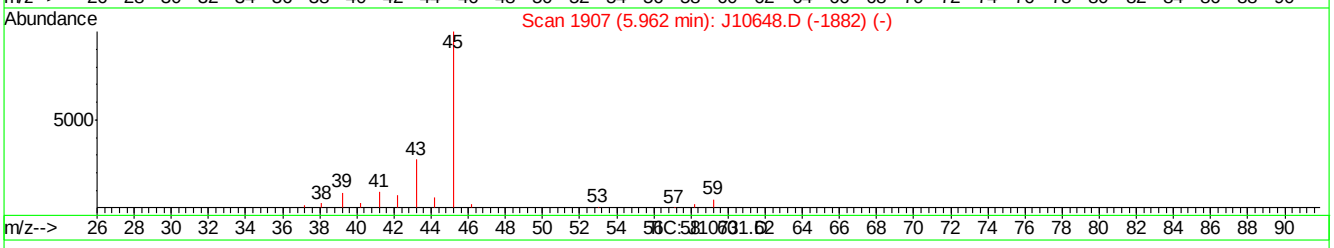
Data File : C:\MSDCHEM\1\DATA\J10731.D Vial: 2
Acq On : 22 Jun 2007 11:55 am Operator: danat
Sample : ic556-40 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 13:13:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 11:34:20 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.08min 28.62PPBV

response 1588926

Ion	Exp%	Act%
45.00	100	100
59.00	5.10	4.09
43.00	27.70	23.64
0.00	0.00	0.00

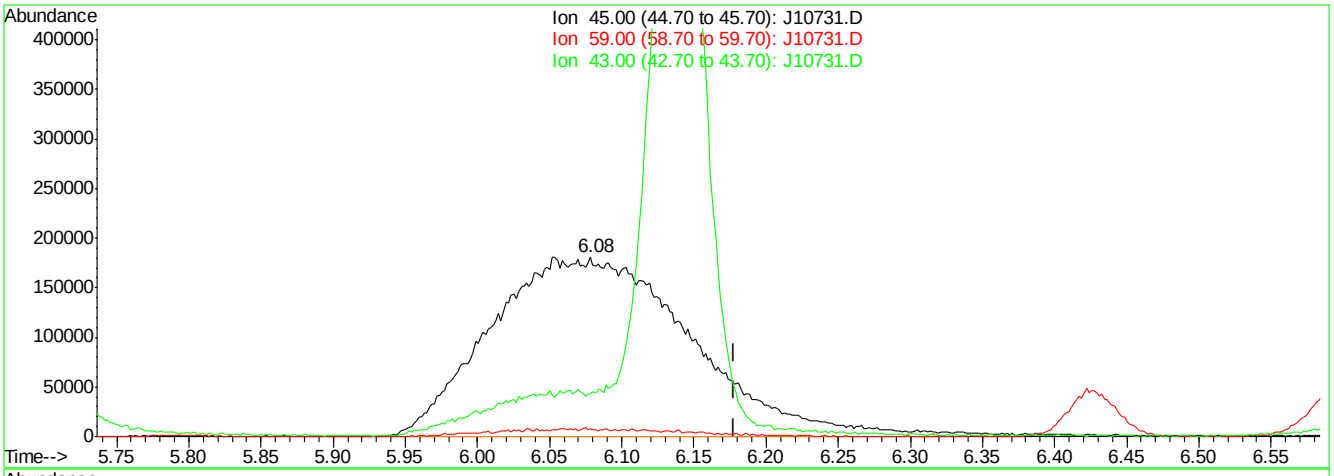
J10731.D J062207T.M Fri Jun 22 13:14:26 2007

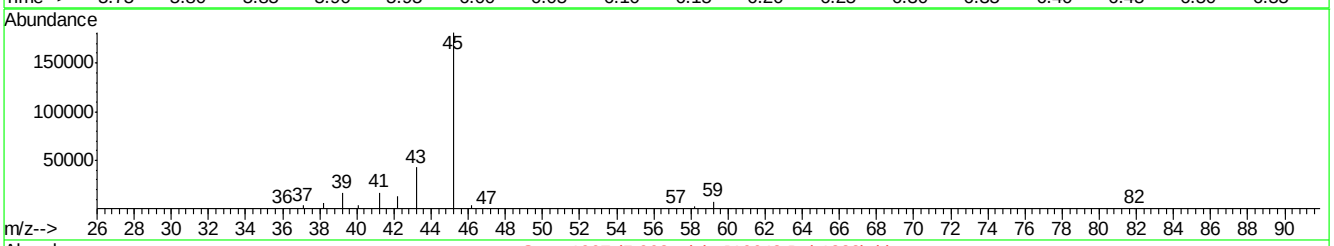
Quantitation Report (Qedit)

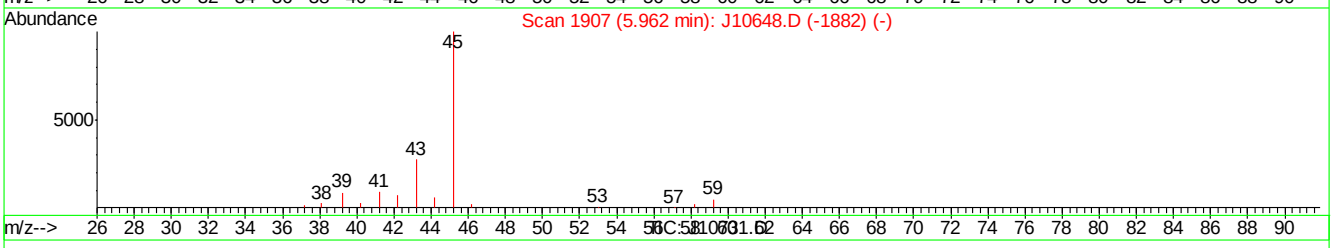
Data File : C:\MSDCHEM\1\DATA\J10731.D Vial: 2
Acq On : 22 Jun 2007 11:55 am Operator: danat
Sample : ic556-40 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 13:13:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 11:34:20 2007
Response via : Multiple Level Calibration







(11) ISOPROPYL ALCOHOL (m)

6.08min 31.51PPBV m

response 1749347

Ion	Exp%	Act%
45.00	100	100
59.00	5.10	4.09
43.00	27.70	23.64
0.00	0.00	0.00

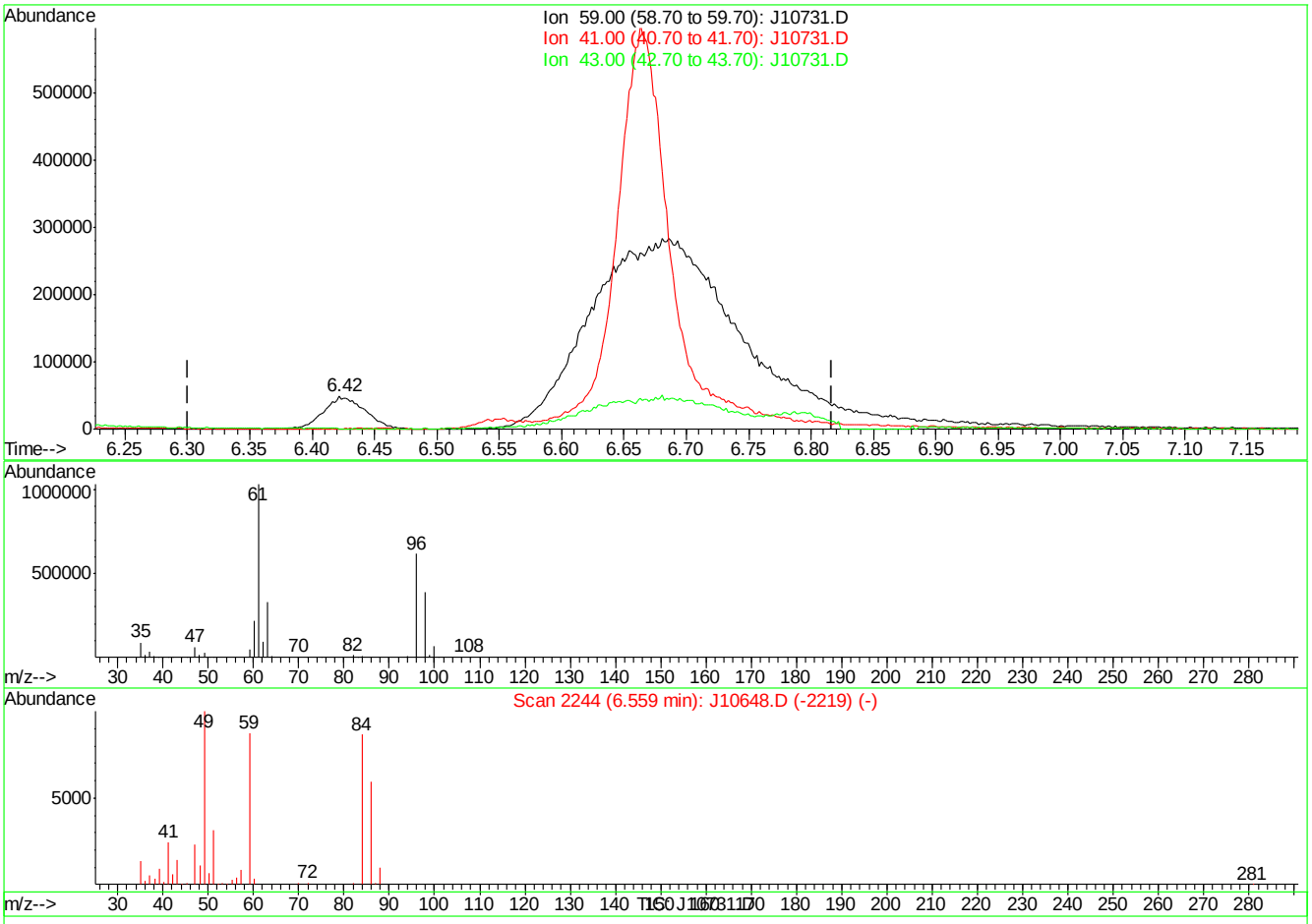
J10731.D J062207T.M Fri Jun 22 13:14:32 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10731.D Vial: 2
Acq On : 22 Jun 2007 11:55 am Operator: danat
Sample : ic556-40 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 13:13:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 11:34:20 2007
Response via : Multiple Level Calibration



(22) TERTIARY BUTYL ALCOHOL (m)

6.42min 2.51PPBV

response 110292

Ion	Exp%	Act%
59.00	100	100
41.00	24.40	0.00#
43.00	18.50	0.99
0.00	0.00	0.00

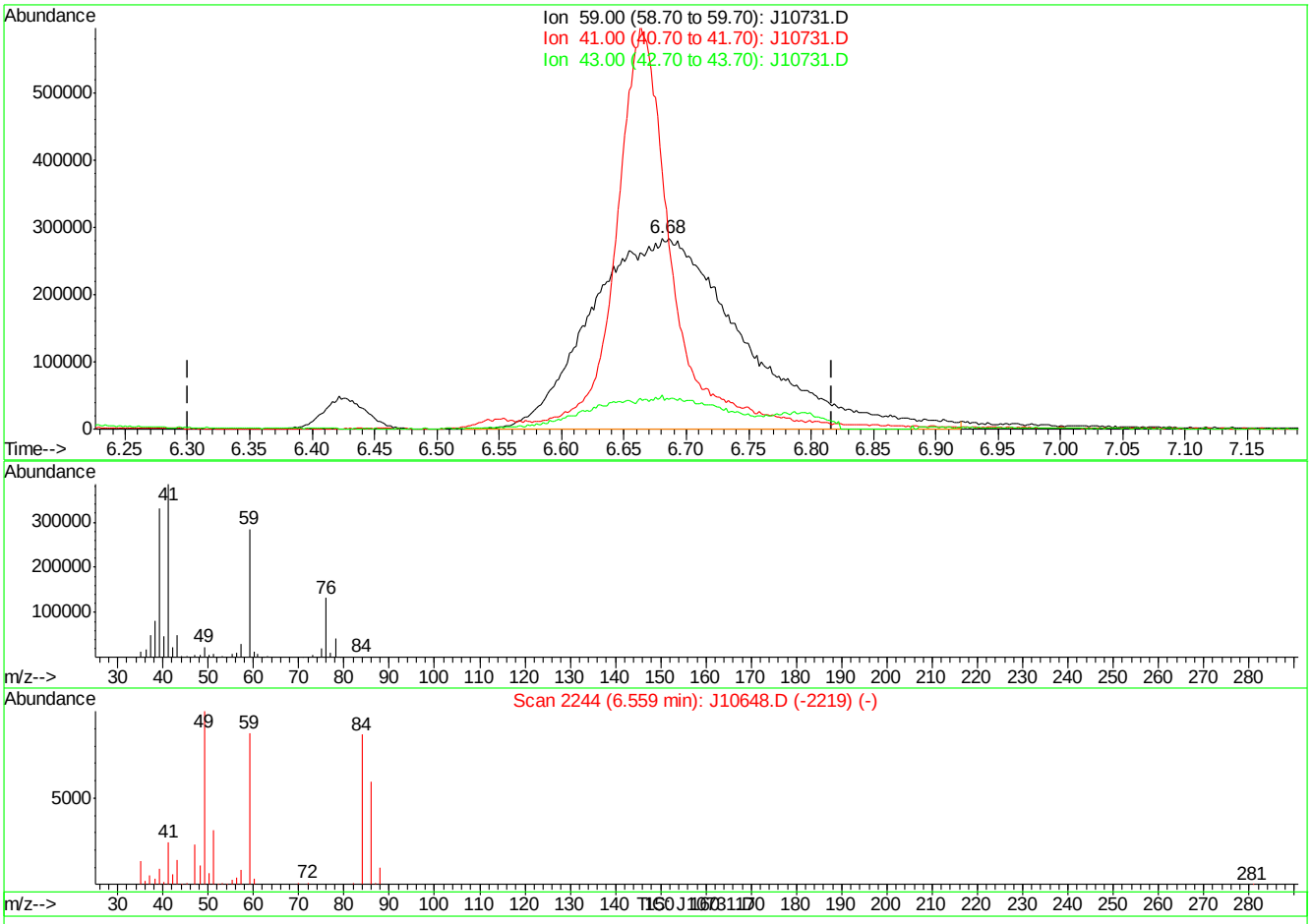
J10731.D J062207T.M Fri Jun 22 13:14:51 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10731.D Vial: 2
Acq On : 22 Jun 2007 11:55 am Operator: danat
Sample : ic556-40 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 13:13:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 11:34:20 2007
Response via : Multiple Level Calibration



(22) TERTIARY BUTYL ALCOHOL (m)

6.68min 55.14PPBV m

response 2418786

Ion	Exp%	Act%
59.00	100	100
41.00	24.40	0.00#
43.00	18.50	0.05
0.00	0.00	0.00

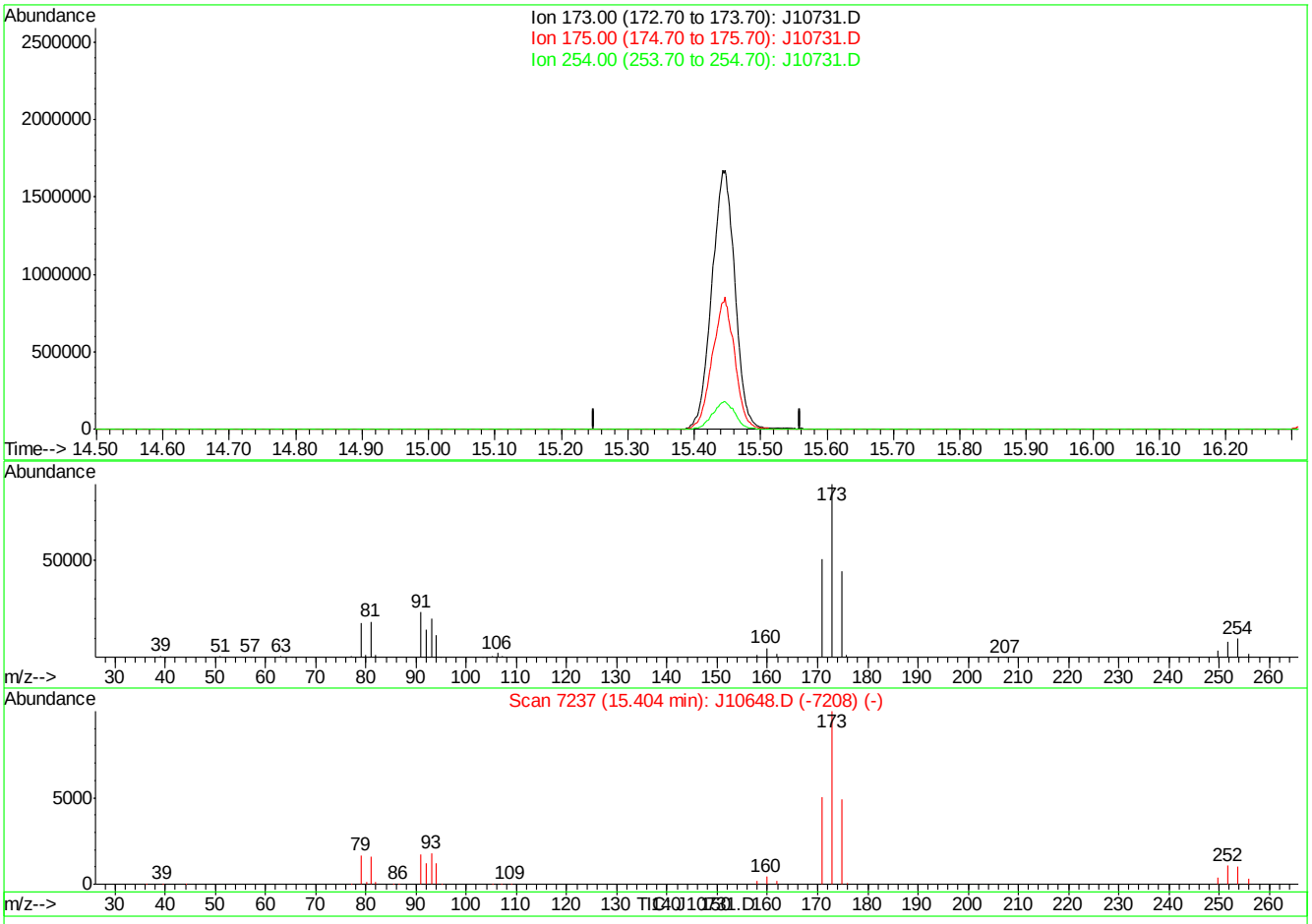
J10731.D J062207T.M Fri Jun 22 13:14:57 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10731.D Vial: 2
Acq On : 22 Jun 2007 11:55 am Operator: danat
Sample : ic556-40 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 13:13:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 11:34:20 2007
Response via : Multiple Level Calibration



(60) BROMOFORM (m)

15.40min 0.00PPBV

response 0

Ion	Exp%	Act%
173.00	100	0.00
175.00	48.60	0.00#
254.00	10.60	0.00
0.00	0.00	0.00

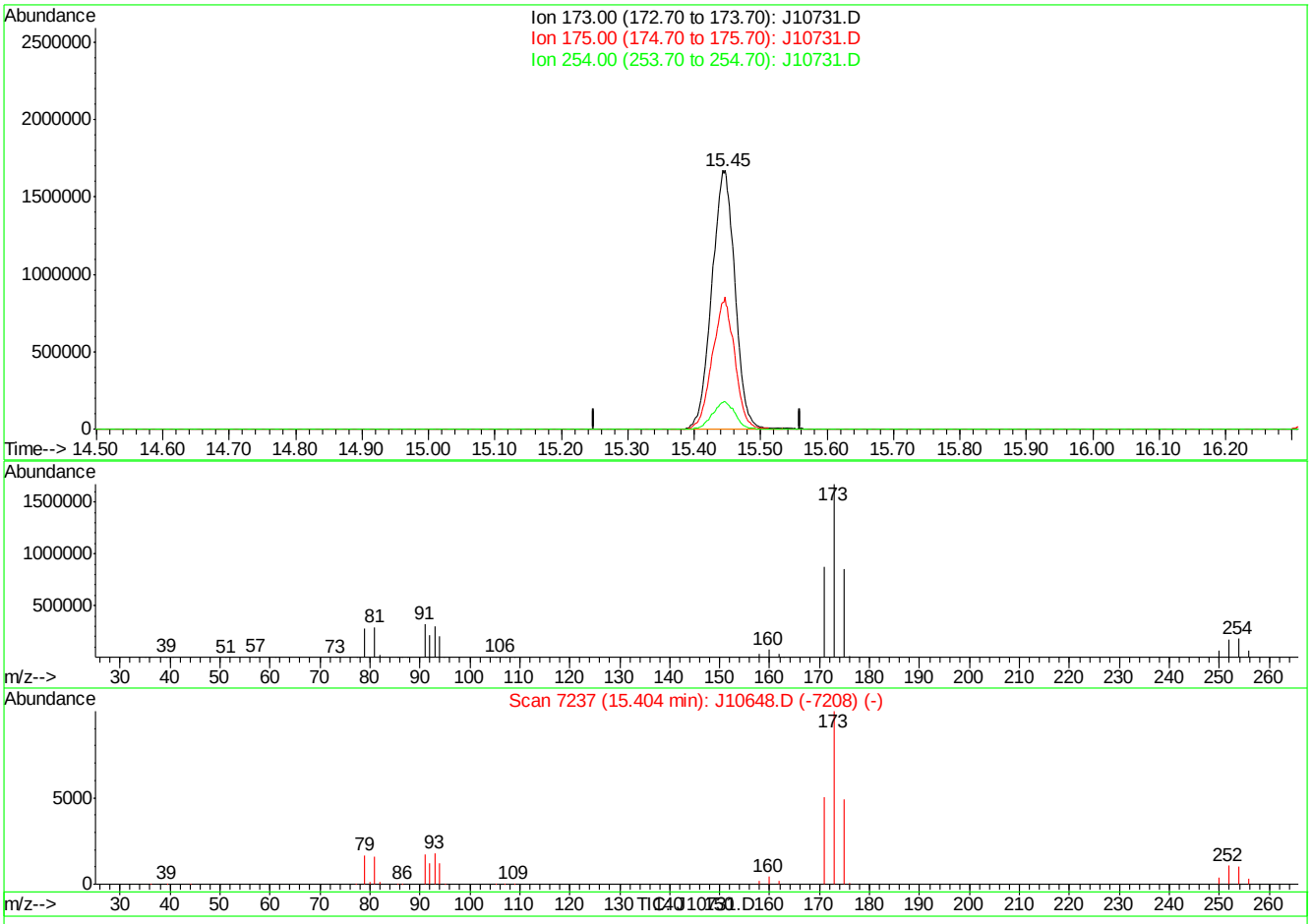
J10731.D J062207T.M Fri Jun 22 13:15:30 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10731.D Vial: 2
Acq On : 22 Jun 2007 11:55 am Operator: danat
Sample : ic556-40 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 13:13:50 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 11:34:20 2007
Response via : Multiple Level Calibration



(60) BROMOFORM (m)

15.45min 54.82PPBV m

response 4035271

Ion	Exp%	Act%
173.00	100	100
175.00	48.60	0.00#
254.00	10.60	0.00
0.00	0.00	0.00

J10731.D J062207T.M Fri Jun 22 13:15:36 2007

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 06/26/07 15:46

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10732.D
Acq On : 22 Jun 2007 12:44 pm
Operator : danat
Sample : ic556-20 (m173)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 13:18:15 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 13:16:04 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.64	128	347194	10.00	PPBV	0.01
35) 1,4-DIFLUOROBENZENE	10.46	114	1342564	10.00	PPBV	0.02
49) CHLOROBENZENE-D5	14.69	117	1160072	10.00	PPBV	0.01
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.31	95	379802	5.29	PPBV	0.01
Spiked Amount 5.000	Range 51 - 142		Recovery = 105.80%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.08	85	1897013	14.64	PPBV	100
3) PROPYLENE	4.01	41	284005	14.45	PPBV	97
4) FREON 114	4.34	85	1701105	14.87	PPBV	97
5) CHLOROMETHANE	4.24	50	374099	13.57	PPBV	98
6) VINYL CHLORIDE	4.46	62	487373	15.82	PPBV	98
7) 1,3-BUTADIENE	4.60	39	366886	15.26	PPBV	98
8) BROMOMETHANE	4.87	94	604645	15.72	PPBV	99
9) CHLOROETHANE	5.04	64	230713	15.37	PPBV	97
10) TRICHLOROFLUOROMETHANE	5.80	101	2186248	15.70	PPBV	100
11) ISOPROPYL ALCOHOL	6.03	45	664329	12.77	PPBV	91
12) ACETONE	5.67	43	634499	11.30	PPBV	100
13) PENTANE	6.15	42	451738	15.68	PPBV	96
14) 1,1-DICHLOROETHYLENE	6.44	96	688741	18.96	PPBV	100
15) CARBON DISULFIDE	6.86	76	1858664	17.61	PPBV	98
16) ETHANOL	5.25	45	115869	12.87	PPBV	71
17) BROMOETHENE	5.39	106	666086	18.45	PPBV	99
18) METHYLENE CHLORIDE	6.55	84	594183	10.66	PPBV	98
19) 3-CHLOROPROPENE	6.67	39	583505	17.78	PPBV	89
20) FREON 113	6.80	151	1580873	18.23	PPBV	94
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	720005	20.26	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.63	59	1036169m	20.81	PPBV	
23) METHYL TERTIARY BUTYL ETHE	7.74	73	1619546	21.74	PPBV	99
24) TETRAHYDROFURAN	9.19	42	512978	21.77	PPBV	98
25) HEXANE	8.64	57	808040	17.65	PPBV	99
26) VINYL ACETATE	7.82	43	988890	21.61	PPBV	96
27) 1,1-DICHLOROETHANE	7.67	63	1129272	17.57	PPBV	100
28) METHYL ETHYL KETONE	8.10	43	958993	19.67	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.47	96	760303	21.79	PPBV	99
30) ETHYL ACETATE	8.71	43	1105960	22.23	PPBV	100
31) CHLOROFORM	8.76	83	1773739	20.01	PPBV	100
32) 1,1,1-TRICHLOROETHANE	9.69	97	1993583	19.64	PPBV	99
33) CARBON TETRACHLORIDE	10.27	117	2329371	19.25	PPBV	100
34) 1,2-DICHLOROETHANE	9.47	62	1008870	19.60	PPBV	100
36) BENZENE	10.14	78	1750569	22.48	PPBV	100
37) CYCLOHEXANE	10.38	84	844872	23.35	PPBV	99
38) TRICHLOROETHYLENE	11.13	95	879189	21.81	PPBV	99
39) 1,2-DICHLOROPROPANE	10.92	63	519849	20.11	PPBV	96
40) BROMODICHLOROMETHANE	11.11	83	1500251	20.94	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.13	57	2624091	20.84	PPBV	99
42) 1,4-DIOXANE	11.20	88	372628	19.02	PPBV	96
43) HEPTANE	11.37	43	801106	19.43	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10732.D
Acq On : 22 Jun 2007 12:44 pm
Operator : danat
Sample : ic556-20 (m173)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 13:18:15 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 13:16:04 2007
Response via : Initial Calibration

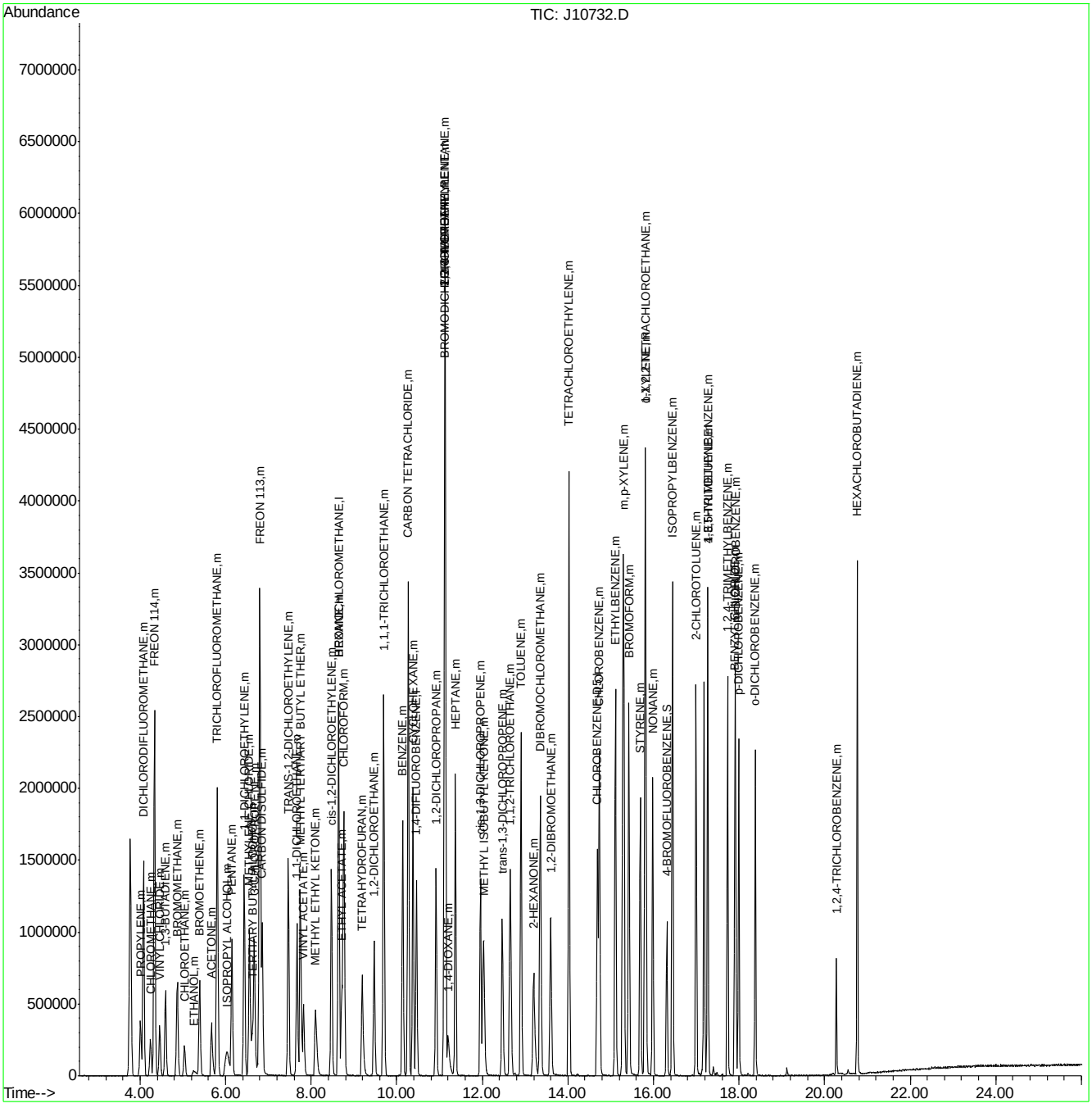
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.03	43	1043931	21.01	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.95	75	871359	23.47	PPBV	96
46) TOLUENE	12.90	92	1213854	25.23	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.46	75	859110	25.00	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.65	83	568335	21.35	PPBV	97
50) 2-HEXANONE	13.20	43	894388	23.88	PPBV	97
51) TETRACHLOROETHYLENE	14.02	164	1094870	22.09	PPBV	99
52) DIBROMOCHLOROMETHANE	13.35	129	1632981	23.28	PPBV	99
53) 1,2-DIBROMOETHANE	13.59	107	1130493	24.55	PPBV	100
54) CHLOROBENZENE	14.73	112	1611559	21.35	PPBV	99
55) ETHYLBENZENE	15.11	91	2408693	25.76	PPBV	99
56) m,p-XYLENE	15.29	106	1912375	50.12	PPBV	99
57) o-XYLENE	15.80	106	962374	25.38	PPBV	99
58) STYRENE	15.69	104	1205232	24.48	PPBV	98
59) NONANE	15.98	43	772812	16.66	PPBV	100
60) BROMOFORM	15.42	173	1646268	24.24	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.82	83	1313519	20.78	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	2804120m	20.28	PPBV	
64) 2-CHLOROTOLUENE	16.99	91	1636307	18.59	PPBV	99
65) 4-ETHYLTOLUENE	17.27	105	1969620	19.02	PPBV	65
66) 1,3,5-TRIMETHYLBENZENE	17.27	105	1996943	18.18	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	1534884	17.34	PPBV	99
68) m-DICHLOROBENZENE	17.92	146	1114924	16.98	PPBV	99
69) BENZYL CHLORIDE	17.90	91	921136	22.88	PPBV	100
70) p-DICHLOROBENZENE	17.99	146	991924	18.62	PPBV	100
71) o-DICHLOROBENZENE	18.38	146	956640	15.11	PPBV	100
72) HEXACHLOROBUTADIENE	20.76	225	658350	7.63	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	234724	10.34	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10732.D
Acq On : 22 Jun 2007 12:44 pm
Operator : danat
Sample : ic556-20 (m173)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 13:18:15 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 13:16:04 2007
Response via : Initial Calibration

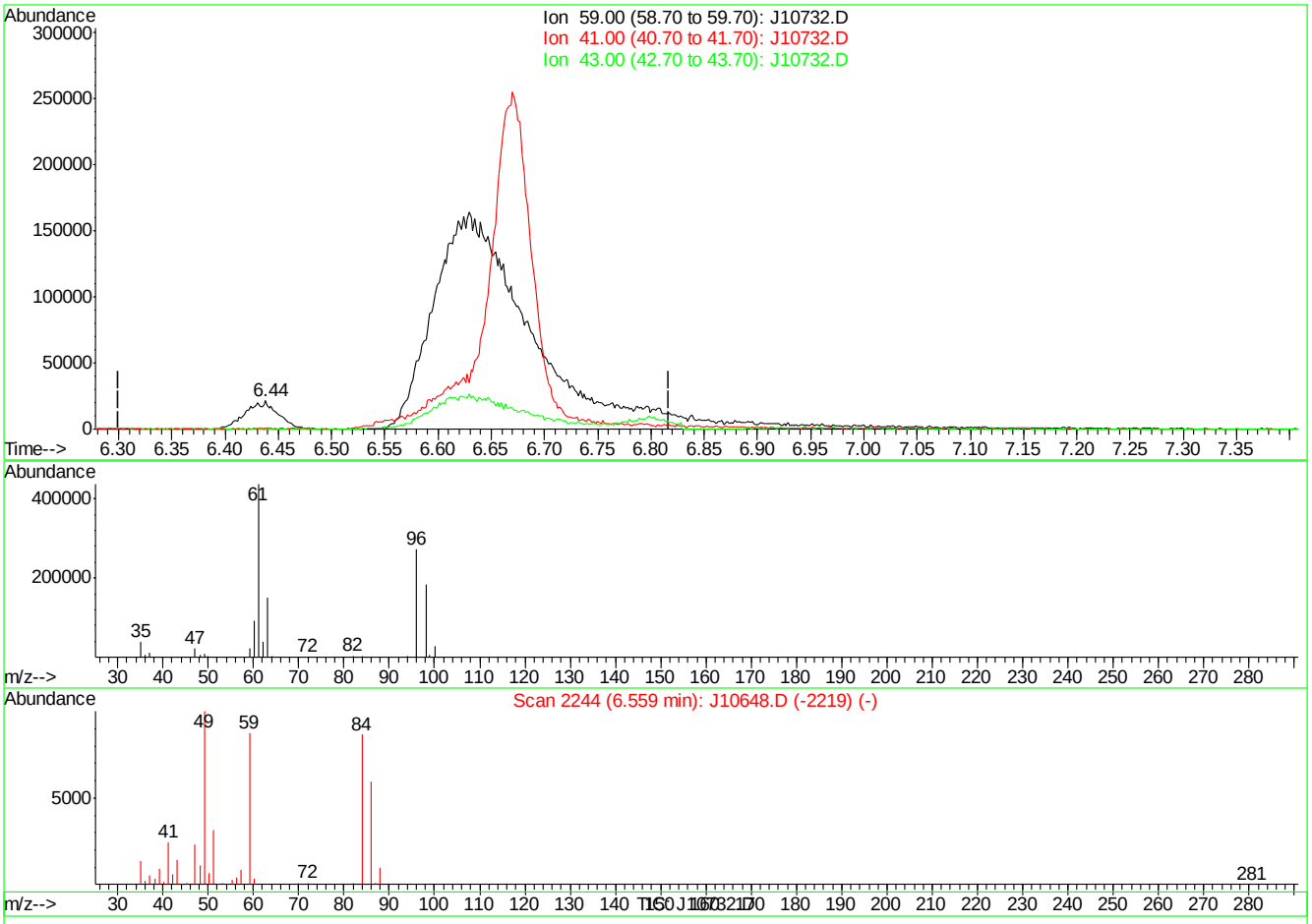


Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10732.D Vial: 2
Acq On : 22 Jun 2007 12:44 pm Operator: danat
Sample : ic556-20 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 13:16:13 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 13:16:04 2007
Response via : Multiple Level Calibration



(22) TERTIARY BUTYL ALCOHOL (m)

6.44min 0.91PPBV

response 45247

Ion	Exp%	Act%
59.00	100	100
41.00	24.40	0.00#
43.00	18.50	0.00
0.00	0.00	0.00

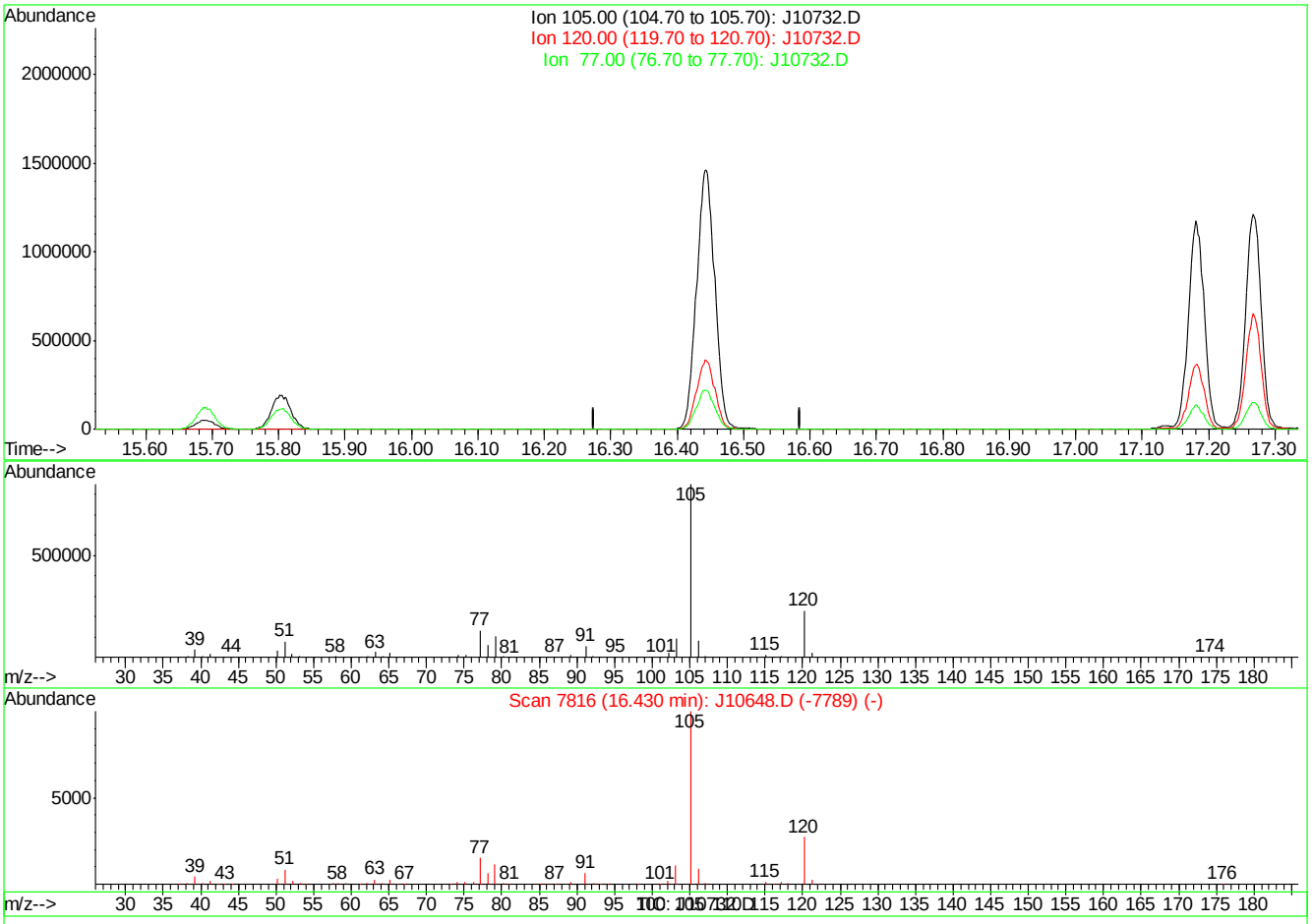
J10732.D J062207T.M Fri Jun 22 13:16:50 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10732.D Vial: 2
Acq On : 22 Jun 2007 12:44 pm Operator: danat
Sample : ic556-20 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 13:16:13 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 13:16:04 2007
Response via : Multiple Level Calibration



(63) ISOPROPYLBENZENE (m)

16.43min 0.00PPBV

response 0

Ion	Exp%	Act%
105.00	100	0.00
120.00	27.00	0.00#
77.00	15.40	0.00
0.00	0.00	0.00

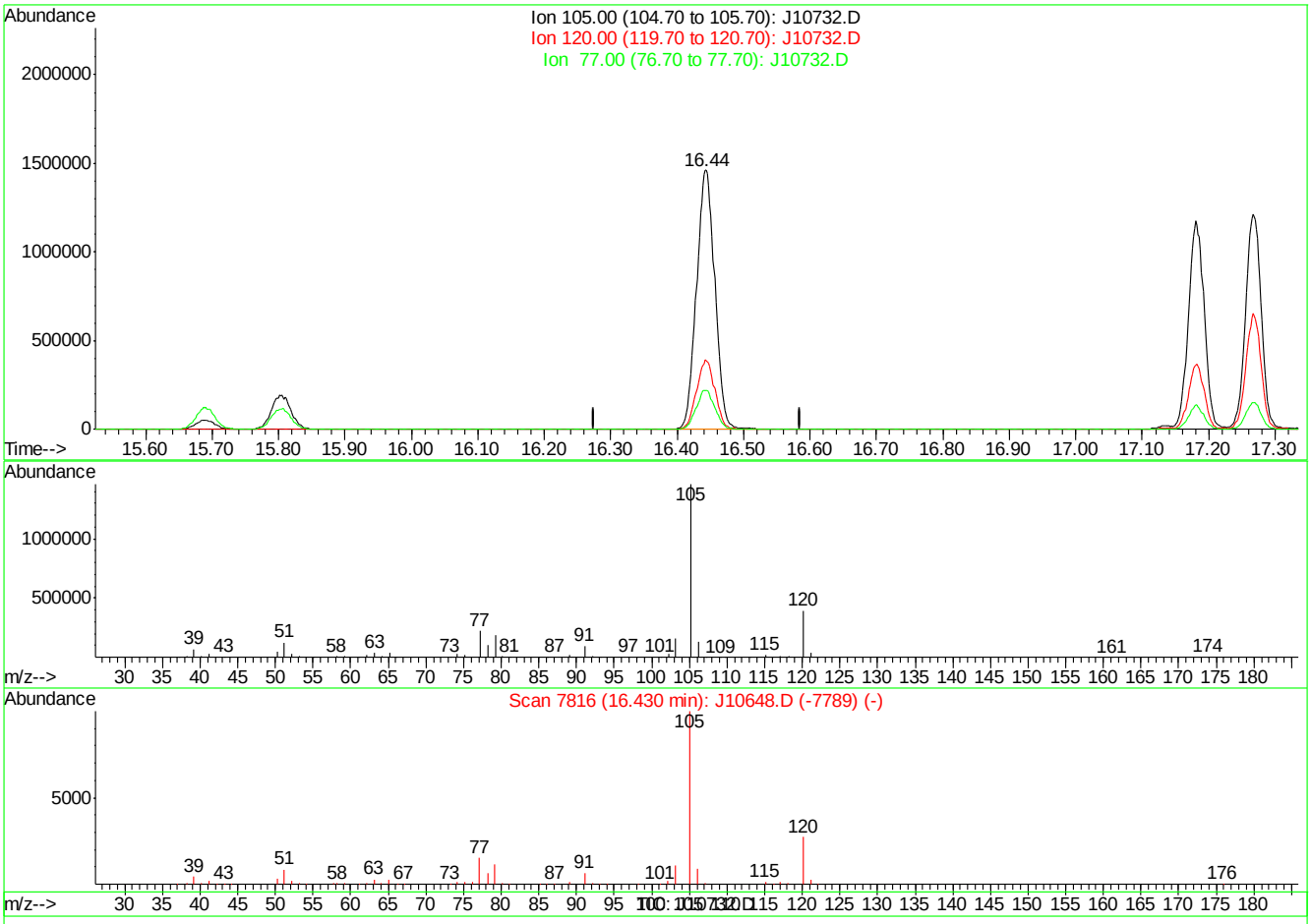
J10732.D J062207T.M Fri Jun 22 13:18:01 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10732.D Vial: 2
Acq On : 22 Jun 2007 12:44 pm Operator: danat
Sample : ic556-20 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 13:16:13 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 13:16:04 2007
Response via : Multiple Level Calibration



(63) ISOPROPYLBENZENE (m)

16.44min 20.28PPBV m

response 2804120

Ion	Exp%	Act%
105.00	100	100
120.00	27.00	0.00#
77.00	15.40	0.00
0.00	0.00	0.00

J10732.D J062207T.M Fri Jun 22 13:18:06 2007

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 06/26/07 15:46

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10733.D
Acq On : 22 Jun 2007 1:31 pm
Operator : danat
Sample : icc556-10 (m173)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 13:58:41 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 13:19:38 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.63	128	393924	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.45	114	1684327	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.68	117	1430596m	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.30	95	433278	4.84	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 96.80%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.08	85	1031122	7.41	PPBV	100
3) PROPYLENE	4.01	41	156916	7.56	PPBV	94
4) FREON 114	4.34	85	815985	6.63	PPBV	98
5) CHLOROMETHANE	4.24	50	184658	6.31	PPBV	100
6) VINYL CHLORIDE	4.46	62	234200	6.99	PPBV	95
7) 1,3-BUTADIENE	4.60	39	174402	6.80	PPBV	99
8) BROMOMETHANE	4.87	94	293719	7.03	PPBV	100
9) CHLOROETHANE	5.04	64	107995	6.65	PPBV	96
10) TRICHLOROFLUOROMETHANE	5.81	101	1053554	6.97	PPBV	99
11) ISOPROPYL ALCOHOL	6.01	45	329103	6.13	PPBV	95
12) ACETONE	5.67	43	315135	5.42	PPBV	99
13) PENTANE	6.15	42	225286	7.20	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.44	96	322977	7.92	PPBV	99
15) CARBON DISULFIDE	6.86	76	880945	7.54	PPBV	98
16) ETHANOL	5.26	45	53422	5.74	PPBV #	58
17) BROMOETHENE	5.40	106	315778	7.83	PPBV	99
18) METHYLENE CHLORIDE	6.56	84	272023	4.75	PPBV	99
19) 3-CHLOROPROPENE	6.67	39	225219	6.22	PPBV	95
20) FREON 113	6.80	151	745487	7.71	PPBV	95
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	326969	8.09	PPBV	100
22) TERTIARY BUTYL ALCOHOL	6.60	59	447442	7.84	PPBV	90
23) METHYL TERTIARY BUTYL ETHE	7.74	73	752625	8.75	PPBV	99
24) TETRAHYDROFURAN	9.19	42	224624	8.22	PPBV	99
25) HEXANE	8.64	57	387975	7.65	PPBV	98
26) VINYL ACETATE	7.81	43	450084	8.53	PPBV	96
27) 1,1-DICHLOROETHANE	7.67	63	510043	7.17	PPBV	99
28) METHYL ETHYL KETONE	8.09	43	434911	7.89	PPBV	93
29) cis-1,2-DICHLOROETHYLENE	8.47	96	336144	8.34	PPBV	98
30) ETHYL ACETATE	8.71	43	484909	8.40	PPBV	100
31) CHLOROFORM	8.75	83	796789	7.92	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.69	97	857915	7.48	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	1129064	8.29	PPBV	99
34) 1,2-DICHLOROETHANE	9.46	62	450344	7.74	PPBV	99
36) BENZENE	10.13	78	787648	7.87	PPBV	100
37) CYCLOHEXANE	10.37	84	405710	8.58	PPBV	100
38) TRICHLOROETHYLENE	11.12	95	424559	8.25	PPBV	100
39) 1,2-DICHLOROPROPANE	10.91	63	243526	7.50	PPBV	96
40) BROMODICHLOROMETHANE	11.10	83	708161	7.80	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.13	57	1181577	7.40	PPBV	99
42) 1,4-DIOXANE	11.19	88	163122	6.72	PPBV	95
43) HEPTANE	11.36	43	375900	7.32	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10733.D
Acq On : 22 Jun 2007 1:31 pm
Operator : danat
Sample : icc556-10 (m173)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 13:58:41 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 13:19:38 2007
Response via : Initial Calibration

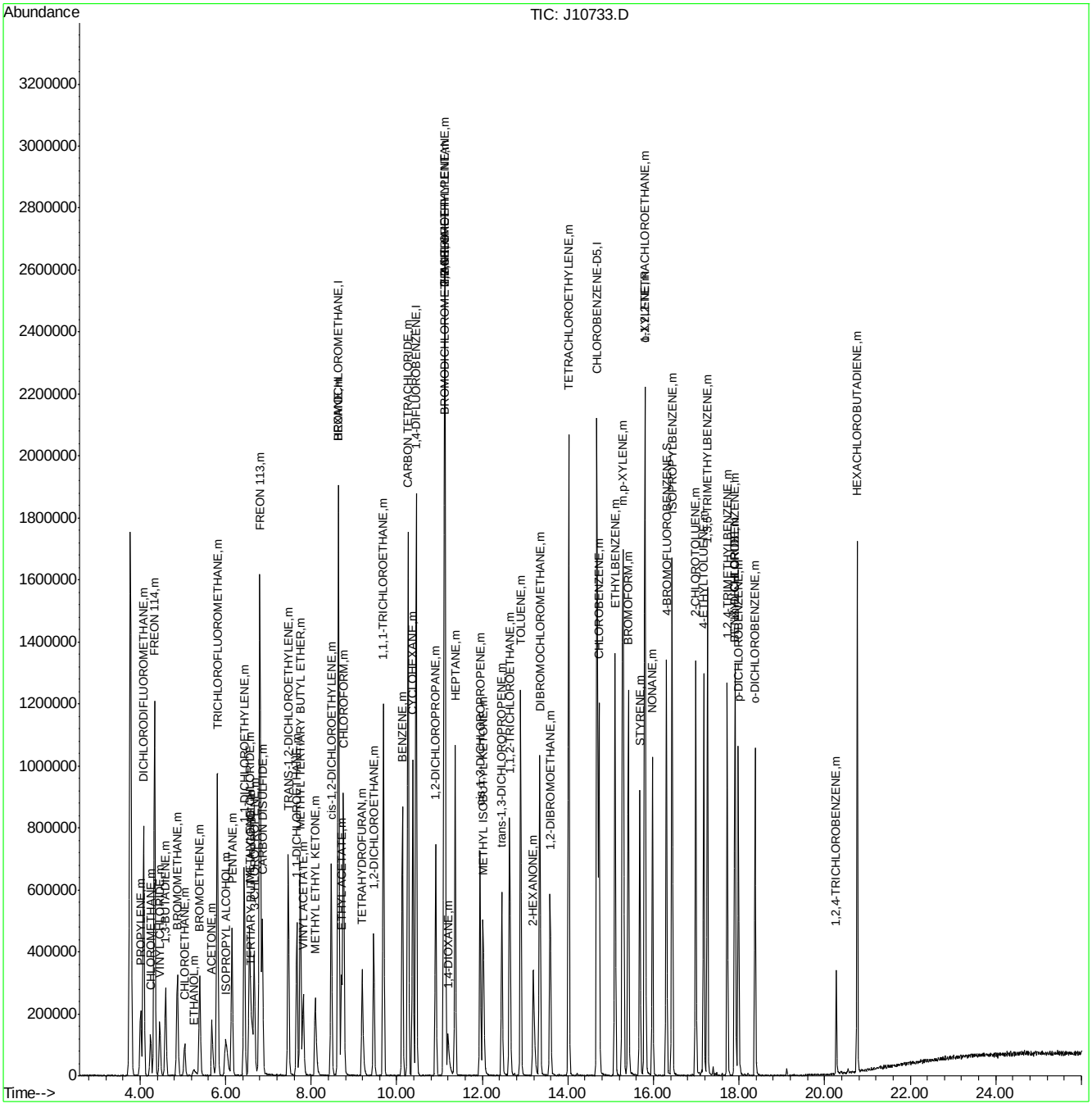
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.01	43	459314	7.28	PPBV	100
45) cis-1,3-DICHLOROPROPENE	11.95	75	398913	8.21	PPBV	96
46) TOLUENE	12.90	92	555583	8.75	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.45	75	385648	8.42	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.64	83	266806	7.88	PPBV	98
50) 2-HEXANONE	13.19	43	381796	7.88	PPBV	99
51) TETRACHLOROETHYLENE	14.02	164	502548	8.05	PPBV	99
52) DIBROMOCHLOROMETHANE	13.34	129	726727	8.13	PPBV	100
53) 1,2-DIBROMOETHANE	13.58	107	506094	8.52	PPBV	100
54) CHLOROBENZENE	14.72	112	753157	7.98	PPBV	99
55) ETHYLBENZENE	15.10	91	1106790	9.07	PPBV	100
56) m,p-XYLENE	15.28	106	874649	17.69	PPBV	97
57) o-XYLENE	15.80	106	440407	8.94	PPBV	99
58) STYRENE	15.68	104	505877	7.89	PPBV	98
59) NONANE	15.98	43	344461	6.28	PPBV	99
60) BROMOFORM	15.41	173	724905	8.30	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.81	83	578764	7.37	PPBV	99
63) ISOPROPYLBENZENE	16.43	105	1256901	7.34	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	747360	7.01	PPBV	100
65) 4-ETHYLTOLUENE	17.17	105	821957	6.52	PPBV #	98
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	896028	6.77	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	669697	6.35	PPBV	99
68) m-DICHLOROBENZENE	17.91	146	503936	6.47	PPBV	99
69) BENZYL CHLORIDE	17.89	91	406276	7.90	PPBV	99
70) p-DICHLOROBENZENE	17.99	146	453413	7.02	PPBV	100
71) o-DICHLOROBENZENE	18.37	146	440218	6.01	PPBV	100
72) HEXACHLOROBUTADIENE	20.76	225	311756	3.46	PPBV	100
73) 1,2,4-TRICHLOROBENZENE	20.27	180	102064	4.15	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10733.D
Acq On : 22 Jun 2007 1:31 pm
Operator : danat
Sample : icc556-10 (m173)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 13:58:41 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 13:19:38 2007
Response via : Initial Calibration

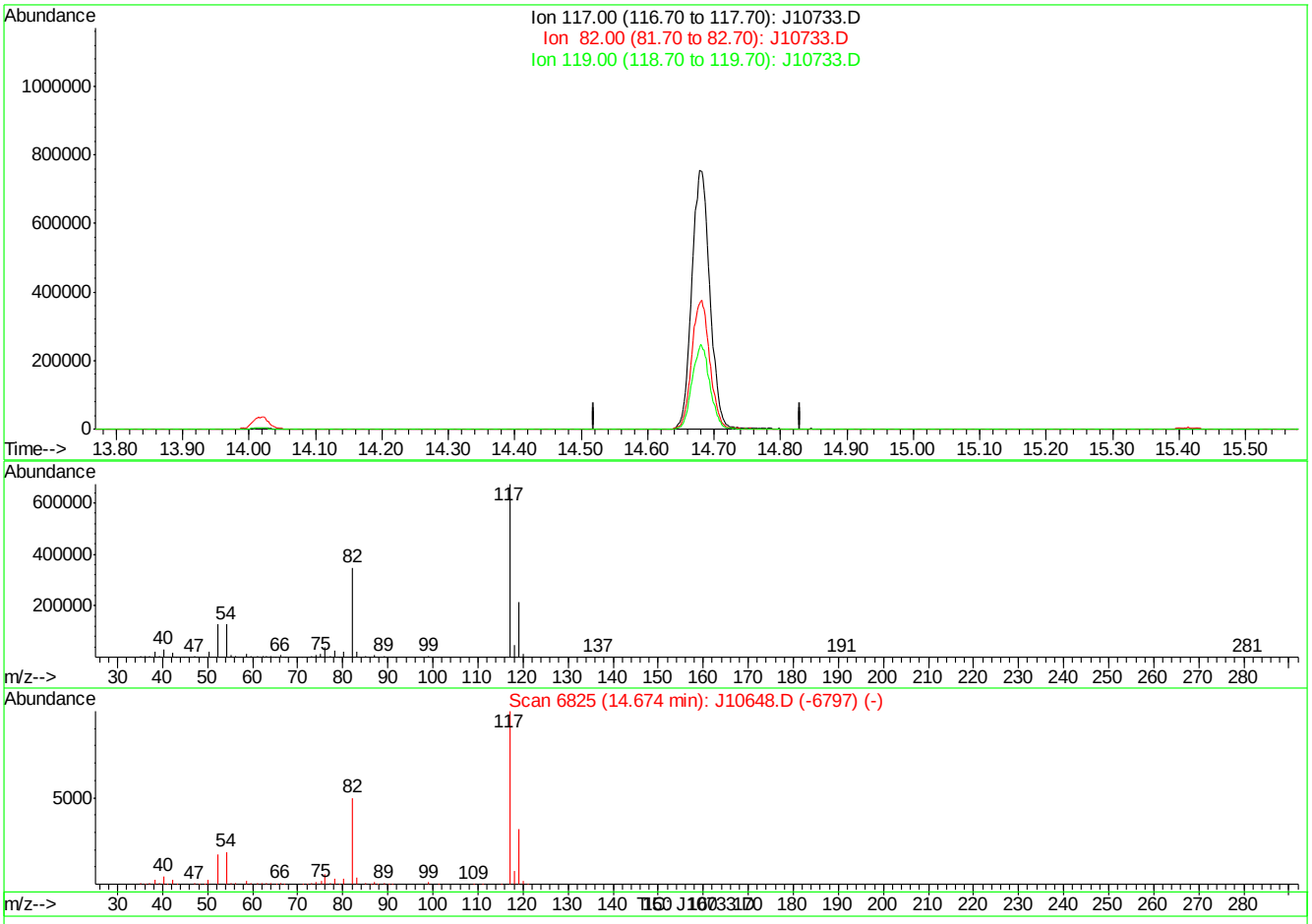


Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10733.D Vial: 2
Acq On : 22 Jun 2007 1:31 pm Operator: danat
Sample : icc556-10 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 13:58:10 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 13:19:38 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	49.60	0.00#
119.00	32.40	0.00#
0.00	0.00	0.00

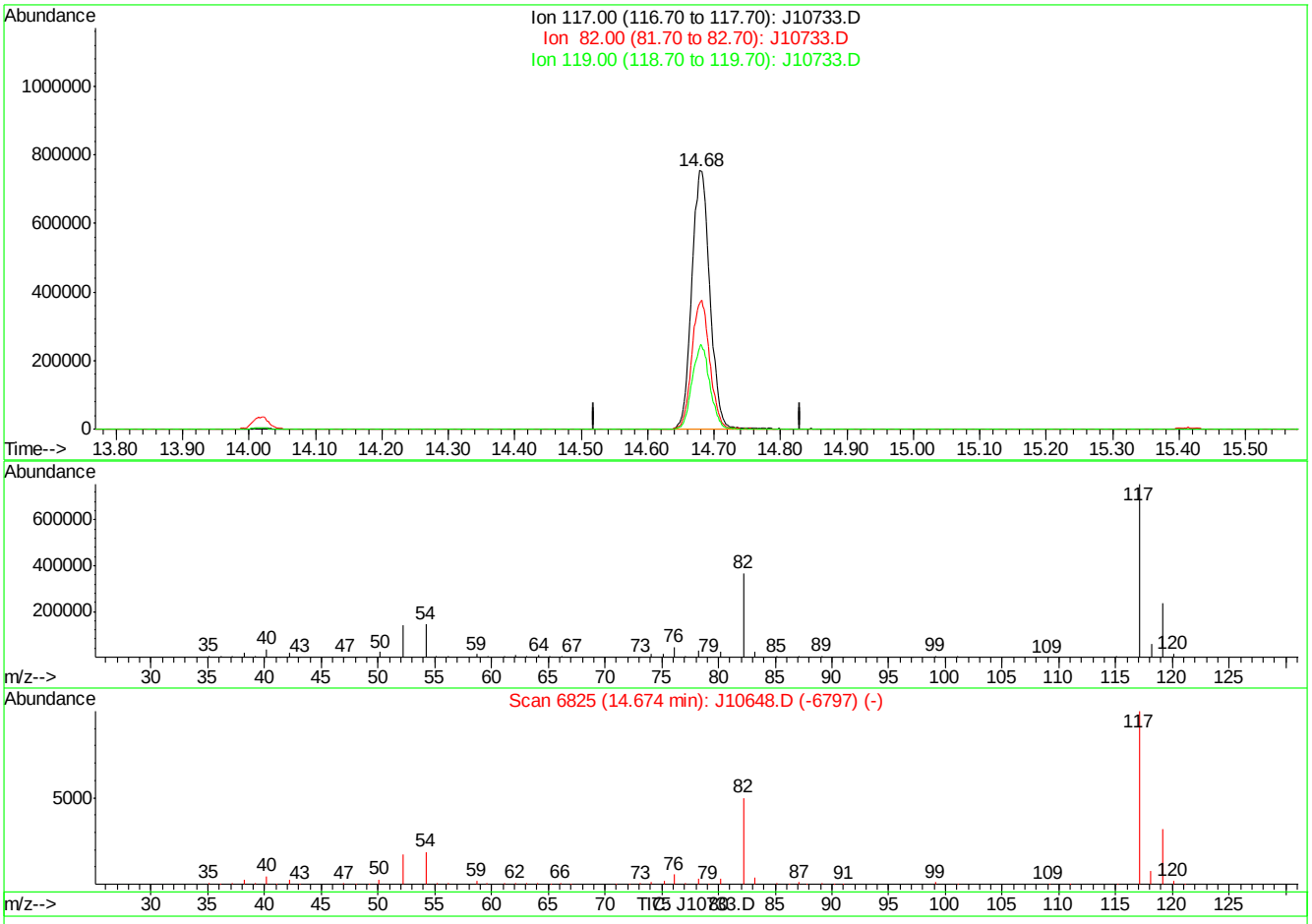
J10733.D J062207T.M Fri Jun 22 13:58:38 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10733.D Vial: 2
Acq On : 22 Jun 2007 1:31 pm Operator: danat
Sample : icc556-10 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 13:58:10 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 13:19:38 2007
Response via : Multiple Level Calibration



(49) CHLOROBENZENE-D5 (I)

14.68min 10.00PPBV m

response 1430596

Ion	Exp%	Act%
117.00	100	100
82.00	49.60	0.00#
119.00	32.40	0.00#
0.00	0.00	0.00

J10733.D J062207T.M Fri Jun 22 13:58:44 2007

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 06/26/07 15:46

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10734.D
Acq On : 22 Jun 2007 2:21 pm
Operator : danat
Sample : ic556-5 (m173)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 14:49:03 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 14:01:52 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	369647	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1607025	10.00	PPBV	-0.01
49) CHLOROBENZENE-D5	14.67	117	1336832m	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.29	95	391144	4.70	PPBV	-0.01
Spiked Amount 5.000	Range 51 - 142		Recovery = 94.00%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	492999	3.95	PPBV	99
3) PROPYLENE	4.00	41	74928	4.04	PPBV	97
4) FREON 114	4.33	85	429362	3.94	PPBV	99
5) CHLOROMETHANE	4.24	50	98168	3.81	PPBV	97
6) VINYL CHLORIDE	4.45	62	125371	4.20	PPBV	98
7) 1,3-BUTADIENE	4.59	39	92673	4.11	PPBV	99
8) BROMOMETHANE	4.86	94	158295	4.25	PPBV	100
9) CHLOROETHANE	5.03	64	62695	4.36	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.80	101	568027	4.22	PPBV	98
11) ISOPROPYL ALCOHOL	5.97	45	165358	3.56	PPBV	96
12) ACETONE	5.67	43	180295	3.58	PPBV	97
13) PENTANE	6.14	42	118433	4.23	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.43	96	166590	4.51	PPBV	96
15) CARBON DISULFIDE	6.85	76	463388	4.41	PPBV	99
16) ETHANOL	5.25	45	28219m	3.53	PPBV	
17) BROMOETHENE	5.39	106	171135	4.69	PPBV	99
18) METHYLENE CHLORIDE	6.55	84	146625	2.99	PPBV	98
19) 3-CHLOROPROPENE	6.66	39	113528	3.62	PPBV	99
20) FREON 113	6.79	151	378000	4.33	PPBV	97
21) TRANS-1,2-DICHLOROETHYLENE	7.45	96	166894	4.54	PPBV	98
22) TERTIARY BUTYL ALCOHOL	6.56	59	235053	4.59	PPBV	90
23) METHYL TERTIARY BUTYL ETHE	7.74	73	379779	4.81	PPBV	99
24) TETRAHYDROFURAN	9.19	42	110569	4.47	PPBV	98
25) HEXANE	8.63	57	188346	4.12	PPBV	99
26) VINYL ACETATE	7.80	43	208843	4.32	PPBV	99
27) 1,1-DICHLOROETHANE	7.66	63	257214	4.04	PPBV	100
28) METHYL ETHYL KETONE	8.08	43	214663	4.30	PPBV	95
29) cis-1,2-DICHLOROETHYLENE	8.46	96	164178	4.47	PPBV	100
30) ETHYL ACETATE	8.70	43	231088	4.38	PPBV	99
31) CHLOROFORM	8.74	83	388956	4.27	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.68	97	445623	4.32	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	583703	4.70	PPBV	99
34) 1,2-DICHLOROETHANE	9.45	62	237476	4.52	PPBV	99
36) BENZENE	10.12	78	397445	4.31	PPBV	99
37) CYCLOHEXANE	10.37	84	200765	4.58	PPBV	99
38) TRICHLOROETHYLENE	11.11	95	216647	4.54	PPBV	99
39) 1,2-DICHLOROPROPANE	10.90	63	128701	4.33	PPBV	99
40) BROMODICHLOROMETHANE	11.09	83	368178	4.41	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	589806	4.08	PPBV	100
42) 1,4-DIOXANE	11.19	88	77341	3.57	PPBV	93
43) HEPTANE	11.36	43	188601	4.07	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10734.D
Acq On : 22 Jun 2007 2:21 pm
Operator : danat
Sample : ic556-5 (m173)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 14:49:03 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 14:01:52 2007
Response via : Initial Calibration

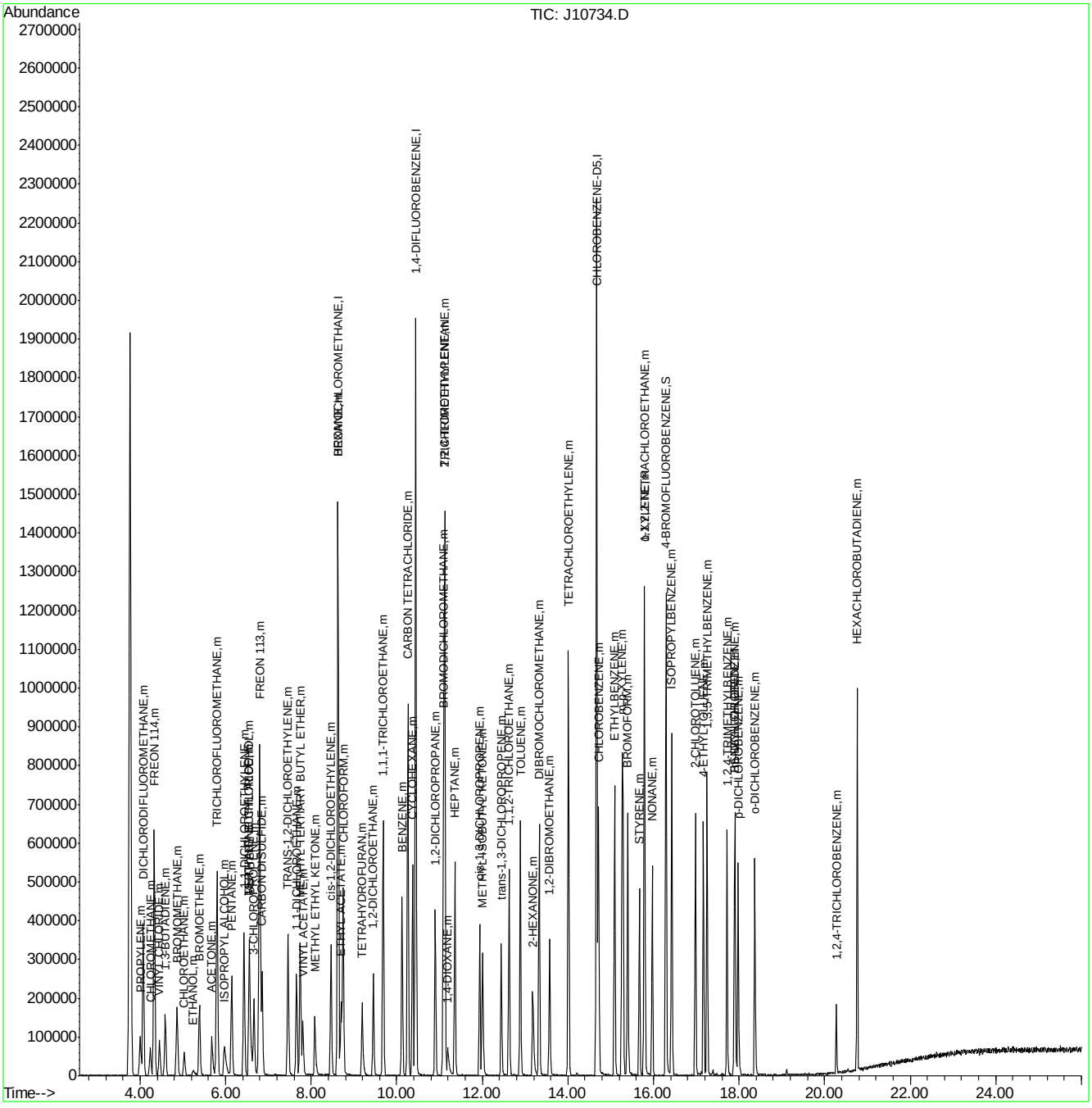
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.00	43	232297	4.08	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.94	75	197829	4.43	PPBV	98
46) TOLUENE	12.89	92	275397	4.64	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.44	75	184773	4.37	PPBV	100
48) 1,1,2-TRICHLOROETHANE	12.62	83	137204	4.40	PPBV	98
50) 2-HEXANONE	13.18	43	198241	4.57	PPBV	98
51) TETRACHLOROETHYLENE	14.01	164	253826	4.50	PPBV	99
52) DIBROMOCHLOROMETHANE	13.33	129	367355	4.54	PPBV	99
53) 1,2-DIBROMOETHANE	13.58	107	254842	4.71	PPBV	100
54) CHLOROBENZENE	14.72	112	375470	4.41	PPBV	99
55) ETHYLBENZENE	15.09	91	538154	4.80	PPBV	99
56) m,p-XYLENE	15.27	106	409870	9.05	PPBV	97
57) o-XYLENE	15.78	106	210138	4.65	PPBV	100
58) STYRENE	15.67	104	222684	3.88	PPBV	100
59) NONANE	15.97	43	170442	3.59	PPBV	98
60) BROMOFORM	15.40	173	348250	4.39	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	291818	4.16	PPBV	99
63) ISOPROPYLBENZENE	16.43	105	591630	3.91	PPBV	98
64) 2-CHLOROTOLUENE	16.98	91	361289	3.86	PPBV	98
65) 4-ETHYLTOLUENE	17.17	105	388833	3.55	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	418853	3.62	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.72	105	316544	3.46	PPBV	99
68) m-DICHLOROBENZENE	17.90	146	248467	3.67	PPBV	98
69) BENZYL CHLORIDE	17.89	91	187312	4.07	PPBV	98
70) p-DICHLOROBENZENE	17.98	146	229110	4.04	PPBV	99
71) o-DICHLOROBENZENE	18.36	146	224298	3.56	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	170344	2.33	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.27	180	51084	2.52	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10734.D
Acq On : 22 Jun 2007 2:21 pm
Operator : danat
Sample : ic556-5 (m173)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 14:49:03 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 14:01:52 2007
Response via : Initial Calibration



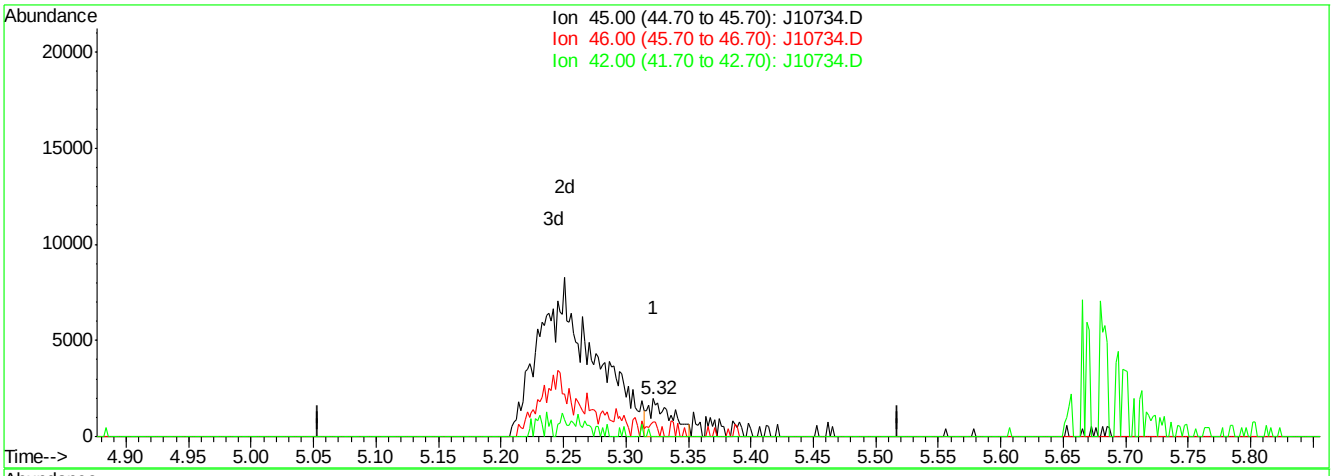
ACCUTEST Laboratories M65607

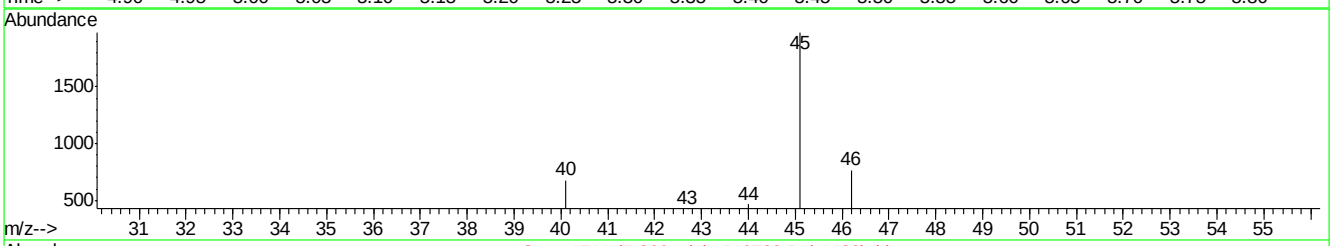
Quantitation Report (Qedit)

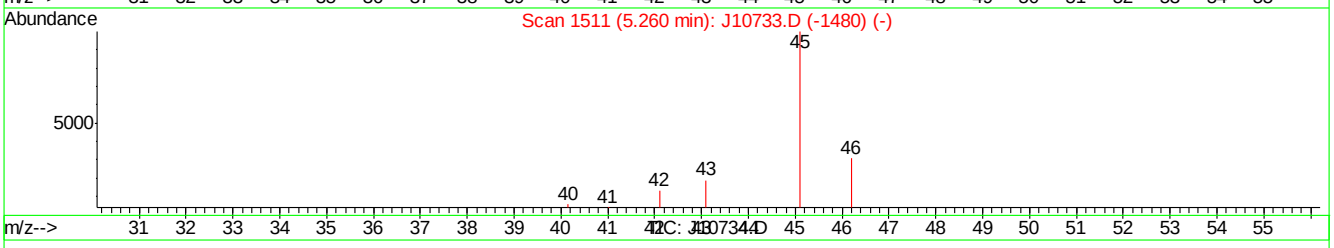
Data File : C:\MSDCHEM\1\DATA\J10734.D Vial: 2
Acq On : 22 Jun 2007 2:21 pm Operator: danat
Sample : ic556-5 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 14:47:27 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 14:01:52 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.32min 0.30PPBV

response 2429

Ion	Exp%	Act%
45.00	100	100
46.00	6.50	23.05
42.00	2.80	4.65
0.00	0.00	0.00

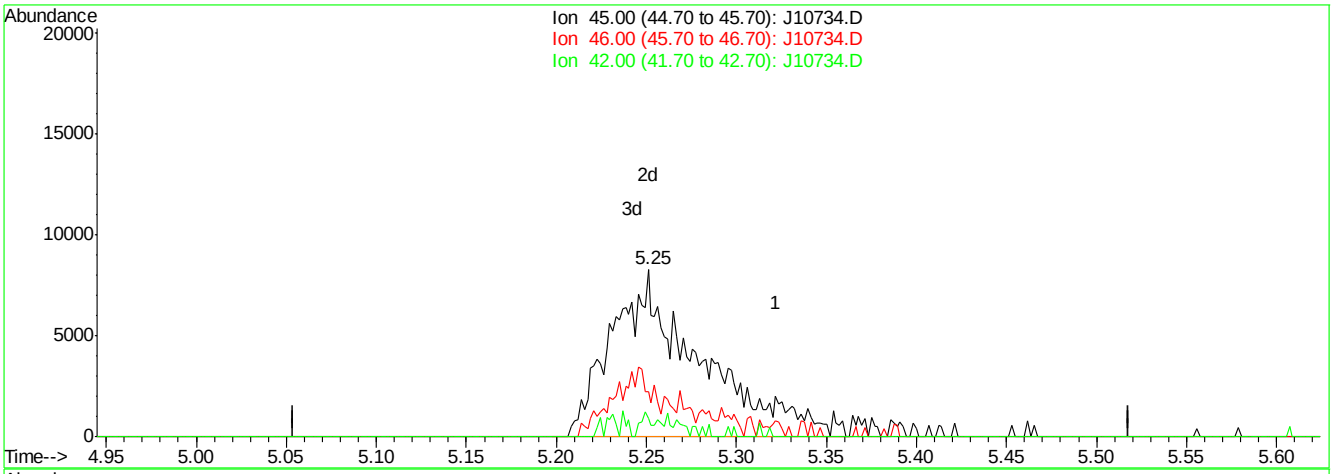
J10734.D J062207T.M Fri Jun 22 14:47:59 2007

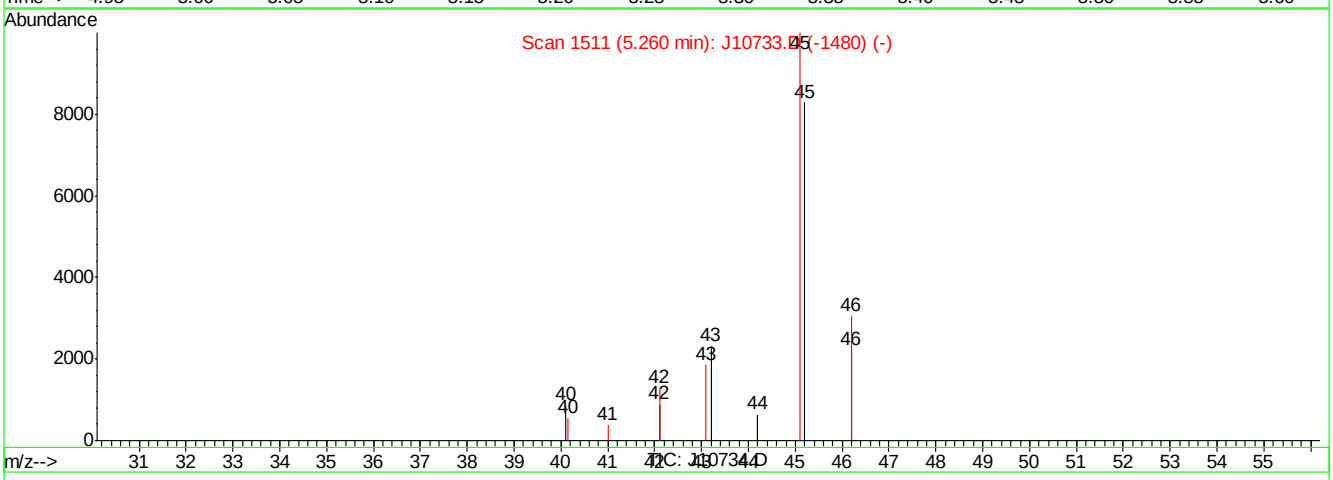
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10734.D Vial: 2
Acq On : 22 Jun 2007 2:21 pm Operator: danat
Sample : ic556-5 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 14:47:27 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 14:01:52 2007
Response via : Multiple Level Calibration





(16) ETHANOL (m)

5.25min 3.53PPBV m

response 28219

Ion	Exp%	Act%
45.00	100	100
46.00	6.50	1.98
42.00	2.80	0.40
0.00	0.00	0.00

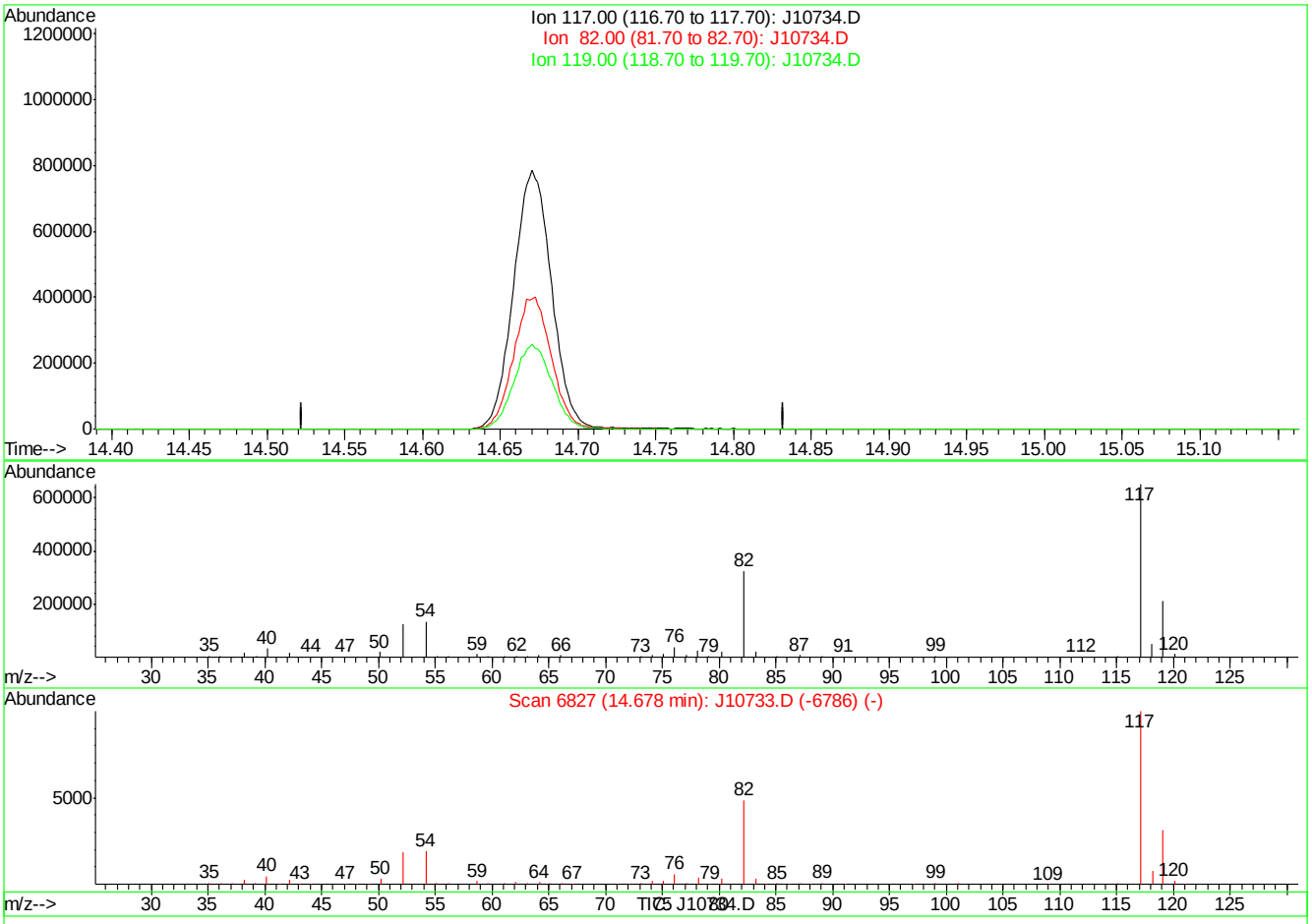
J10734.D J062207T.M Fri Jun 22 14:48:09 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10734.D Vial: 2
Acq On : 22 Jun 2007 2:21 pm Operator: danat
Sample : ic556-5 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 14:47:27 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 14:01:52 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

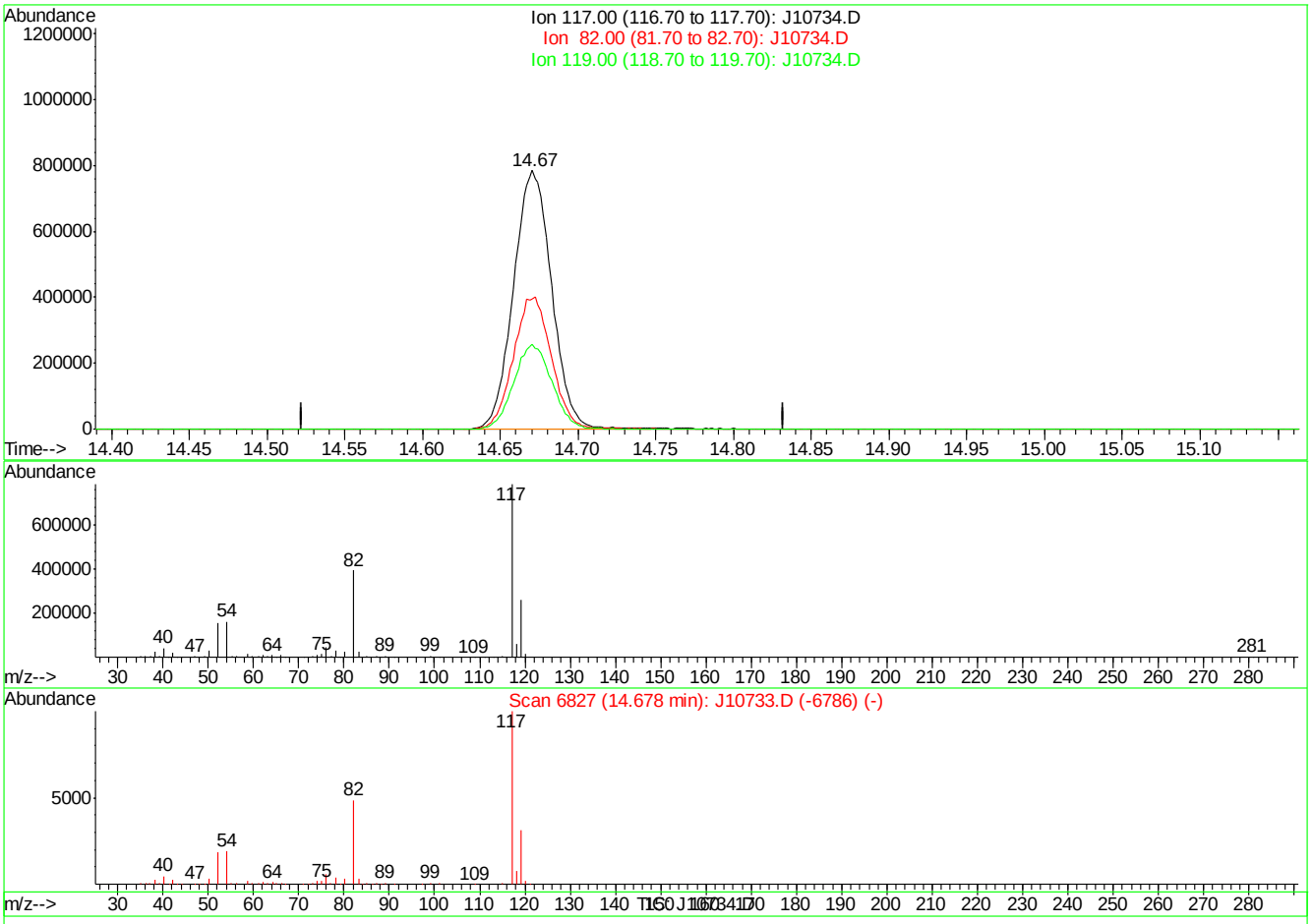
J10734.D J062207T.M Fri Jun 22 14:48:38 2007

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\J10734.D Vial: 2
Acq On : 22 Jun 2007 2:21 pm Operator: danat
Sample : ic556-5 (m173) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 14:47:27 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 14:01:52 2007
Response via : Multiple Level Calibration



(49) CHLOROBENZENE-D5 (I)

14.67min 10.00PPBV m

response 1336832

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

J10734.D J062207T.M Fri Jun 22 14:48:45 2007

J10736.D

Manual Integrations APPROVED (compounds with "m" flag)

Philip Bassignani 06/26/07 15:46

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10736.D
Acq On : 22 Jun 2007 4:24 pm
Operator : danat
Sample : ic556-2 (m141)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 22 17:13:49 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 16:48:30 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.62	128	364210	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.44	114	1572129	10.00	PPBV	-0.01
49) CHLOROBENZENE-D5	14.67	117	1350522	10.00	PPBV	-0.01
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.28	95	432764	5.16	PPBV	-0.02
Spiked Amount 5.000	Range 51 - 142		Recovery = 103.20%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.07	85	260033	2.24	PPBV	99
3) PROPYLENE	4.00	41	37355	2.18	PPBV	90
4) FREON 114	4.33	85	224701	2.23	PPBV	97
5) CHLOROMETHANE	4.24	50	53258	2.25	PPBV	86
6) VINYL CHLORIDE	4.45	62	64433	2.32	PPBV	97
7) 1,3-BUTADIENE	4.58	39	47860	2.28	PPBV	95
8) BROMOMETHANE	4.86	94	72638	2.10	PPBV	96
9) CHLOROETHANE	5.03	64	30488	2.28	PPBV	83
10) TRICHLOROFLUOROMETHANE	5.80	101	277698	2.21	PPBV	99
11) ISOPROPYL ALCOHOL	5.98	45	73867	2.00	PPBV	84
12) ACETONE	5.68	43	105562	3.22	PPBV	98
13) PENTANE	6.14	42	54454	2.10	PPBV	97
14) 1,1-DICHLOROETHYLENE	6.42	96	72097	2.07	PPBV	93
15) CARBON DISULFIDE	6.85	76	209391	2.12	PPBV	96
16) ETHANOL	5.26	45	15690m	2.22	PPBV	
17) BROMOETHENE	5.39	106	72718	2.10	PPBV	98
18) METHYLENE CHLORIDE	6.55	84	132998	4.30	PPBV	94
19) 3-CHLOROPROPENE	6.67	39	55754	1.95	PPBV	93
20) FREON 113	6.79	151	168819	2.07	PPBV	94
21) TRANS-1,2-DICHLOROETHYLENE	7.46	96	69579	2.01	PPBV	95
22) TERTIARY BUTYL ALCOHOL	6.58	59	74619	1.60	PPBV #	72
23) METHYL TERTIARY BUTYL ETHE	7.74	73	143587	1.92	PPBV	97
24) TETRAHYDROFURAN	9.19	42	43287	1.87	PPBV	96
25) HEXANE	8.64	57	88775	2.09	PPBV	98
26) VINYL ACETATE	7.80	43	63301	1.45	PPBV	91
27) 1,1-DICHLOROETHANE	7.66	63	121238	2.07	PPBV	100
28) METHYL ETHYL KETONE	8.09	43	90278	1.96	PPBV	97
29) cis-1,2-DICHLOROETHYLENE	8.46	96	68575	1.99	PPBV	96
30) ETHYL ACETATE	8.70	43	95501	1.95	PPBV #	97
31) CHLOROFORM	8.74	83	175621	2.06	PPBV	98
32) 1,1,1-TRICHLOROETHANE	9.68	97	209375	2.17	PPBV	99
33) CARBON TETRACHLORIDE	10.26	117	246216	2.09	PPBV	99
34) 1,2-DICHLOROETHANE	9.45	62	103633	2.09	PPBV	99
36) BENZENE	10.12	78	171630	2.02	PPBV	99
37) CYCLOHEXANE	10.37	84	76754	1.87	PPBV	96
38) TRICHLOROETHYLENE	11.12	95	88780	2.02	PPBV	97
39) 1,2-DICHLOROPROPANE	10.90	63	56166	2.05	PPBV	98
40) BROMODICHLOROMETHANE	11.09	83	155718	2.02	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.12	57	258861	1.98	PPBV	98
42) 1,4-DIOXANE	11.21	88	25325	1.37	PPBV	91
43) HEPTANE	11.36	43	80952	1.95	PPBV	96

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10736.D
Acq On : 22 Jun 2007 4:24 pm
Operator : danat
Sample : ic556-2 (m141)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 22 17:13:49 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 16:48:30 2007
Response via : Initial Calibration

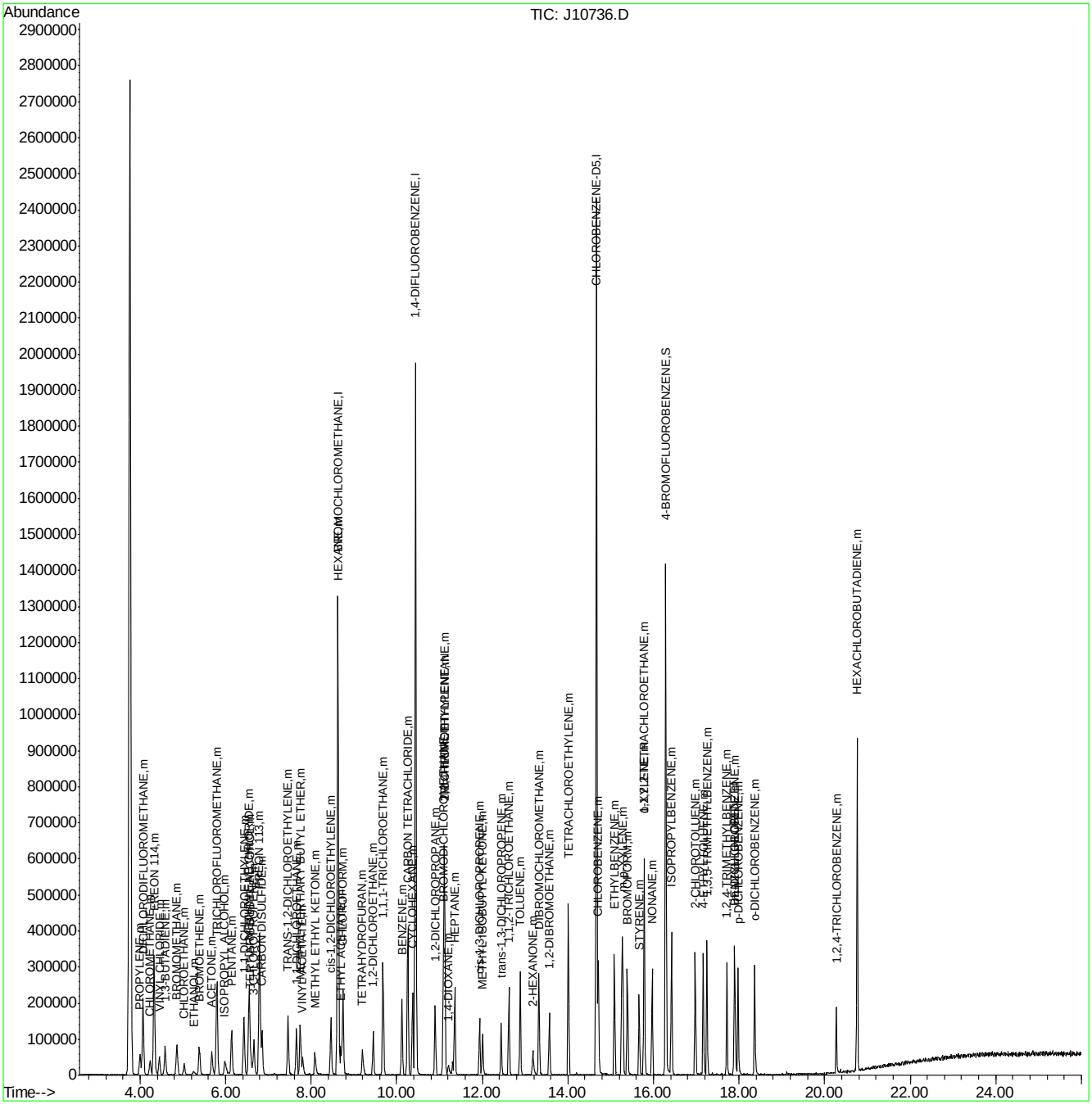
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.00	43	74822	1.51	PPBV	94
45) cis-1,3-DICHLOROPROPENE	11.94	75	77084	1.84	PPBV	98
46) TOLUENE	12.88	92	111690	2.02	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.44	75	70568	1.76	PPBV	97
48) 1,1,2-TRICHLOROETHANE	12.62	83	57988	2.02	PPBV	96
50) 2-HEXANONE	13.18	43	56001	1.39	PPBV	93
51) TETRACHLOROETHYLENE	14.01	164	103439	1.93	PPBV	99
52) DIBROMOCHLOROMETHANE	13.32	129	147147	1.91	PPBV	98
53) 1,2-DIBROMOETHANE	13.57	107	104915	2.01	PPBV	100
54) CHLOROBENZENE	14.71	112	159906	1.99	PPBV	98
55) ETHYLBENZENE	15.09	91	219688	2.05	PPBV	98
56) m,p-XYLENE	15.28	106	178334	4.20	PPBV	94
57) o-XYLENE	15.78	106	85642	2.34	PPBV	95
58) STYRENE	15.66	104	100397	1.87	PPBV	99
59) NONANE	15.97	43	85256	2.09	PPBV	98
60) BROMOFORM	15.39	173	142230	1.89	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.79	83	132198	2.04	PPBV	99
63) ISOPROPYLBENZENE	16.42	105	242475	1.78	PPBV	99
64) 2-CHLOROTOLUENE	16.98	91	166896	1.97	PPBV	98
65) 4-ETHYLTOLUENE	17.17	105	182469	1.90	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.25	105	185131	1.84	PPBV	97
67) 1,2,4-TRIMETHYLBENZENE	17.71	105	148051	1.92	PPBV	99
68) m-DICHLOROBENZENE	17.90	146	131452	2.14	PPBV	100
69) BENZYL CHLORIDE	17.89	91	78838	2.36	PPBV	98
70) p-DICHLOROBENZENE	17.97	146	117318	2.17	PPBV	97
71) o-DICHLOROBENZENE	18.37	146	119909	2.15	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	152602	3.82	PPBV	96
73) 1,2,4-TRICHLOROBENZENE	20.27	180	50010	3.83	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10736.D
Acq On : 22 Jun 2007 4:24 pm
Operator : danat
Sample : ic556-2 (m141)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 22 17:13:49 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 16:48:30 2007
Response via : Initial Calibration



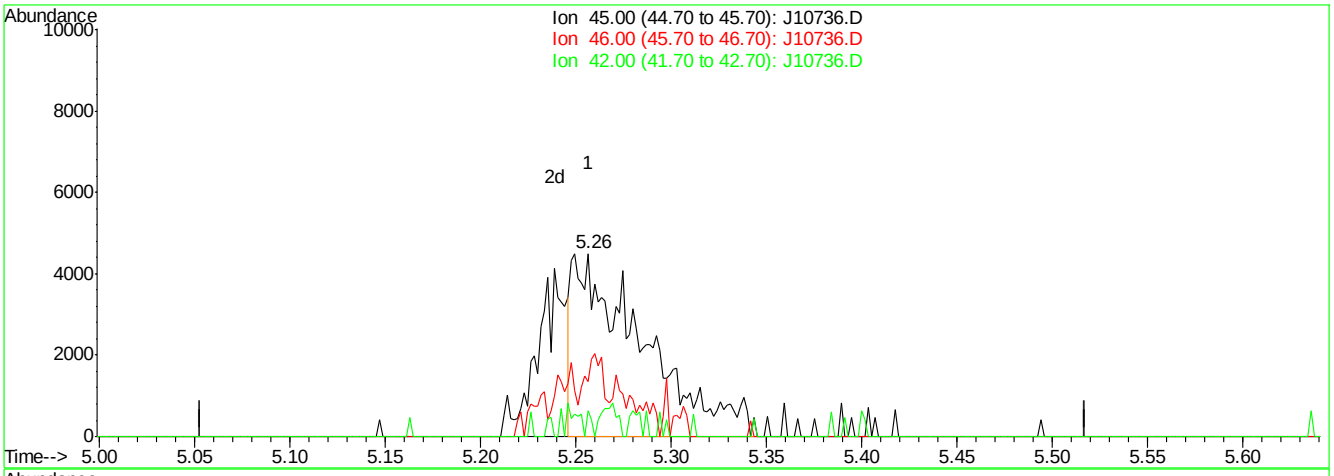
ACCUTEST Laboratories M65607

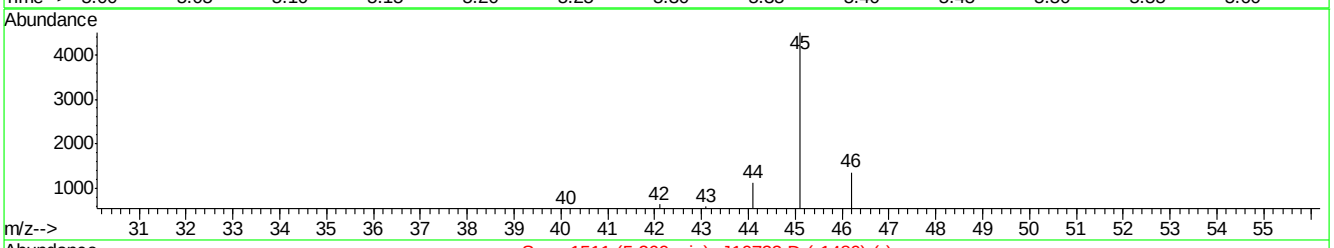
Quantitation Report (Qedit)

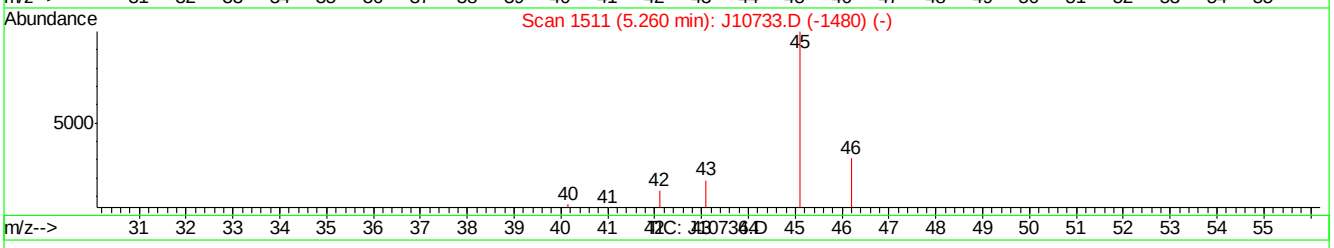
Data File : C:\MSDChem\1\data\J10736.D Vial: 1
Acq On : 22 Jun 2007 4:24 pm Operator: danat
Sample : ic556-2 (m141) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 17:12:29 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 16:48:30 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.26min 1.62PPBV

response 11442

Ion	Exp%	Act%
45.00	100	100
46.00	6.50	26.21
42.00	2.80	3.85
0.00	0.00	0.00

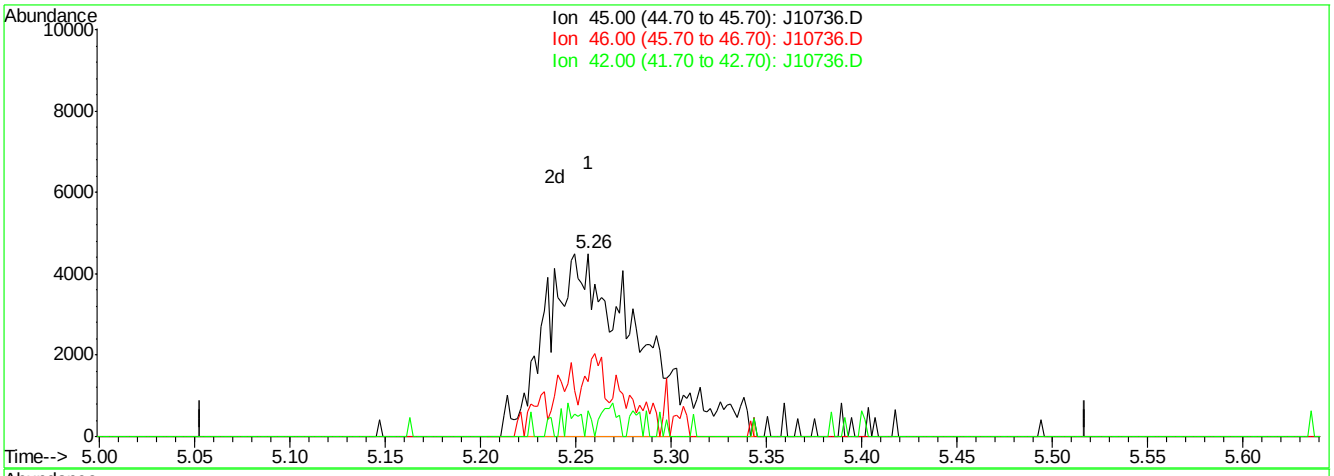
J10736.D J062207T.M Fri Jun 22 17:12:56 2007

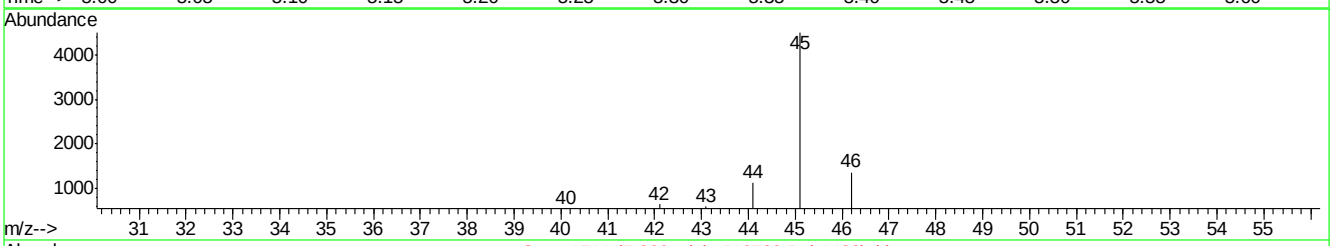
Quantitation Report (Qedit)

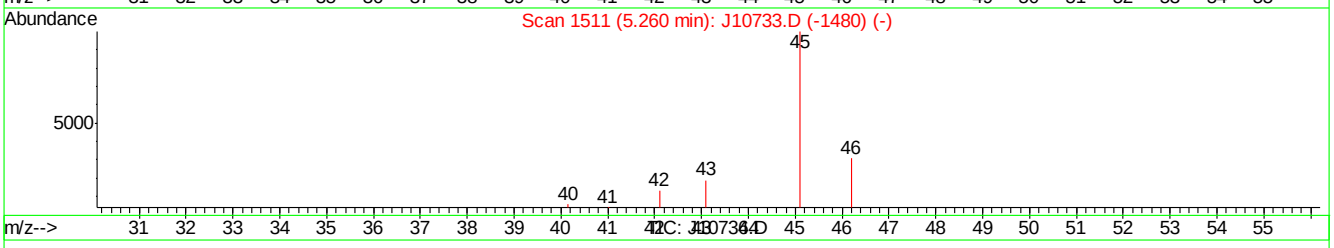
Data File : C:\MSDChem\1\data\J10736.D Vial: 1
Acq On : 22 Jun 2007 4:24 pm Operator: danat
Sample : ic556-2 (m141) Inst : MSJ
Misc : MS13762, MSJ556,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Time: Jun 22 17:12:29 2007 Results File: J062207T.RES

Method : C:\MSDCHEM\1\METHODS\J062207T.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Fri Jun 22 16:48:30 2007
Response via : Multiple Level Calibration







(16) ETHANOL (m)

5.26min 2.22PPBV m

response 15690

Ion	Exp%	Act%
45.00	100	100
46.00	6.50	19.11
42.00	2.80	2.81
0.00	0.00	0.00

J10736.D J062207T.M Fri Jun 22 17:13:02 2007

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10737a.D
Acq On : 22 Jun 2007 5:13 pm
Operator : danat
Sample : cc556-10 (m045)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 22 17:40:10 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.64	128	320244	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.45	114	1347074	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.68	117	1210672	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.30	95	406390	5.41	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 108.20%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.09	85	1251942	12.25	PPBV	99
3) PROPYLENE	4.02	41	194637	12.93	PPBV	93
4) FREON 114	4.34	85	1093229	12.36	PPBV	96
5) CHLOROMETHANE	4.25	50	262287	12.59	PPBV	99
6) VINYL CHLORIDE	4.47	62	312911	12.83	PPBV	98
7) 1,3-BUTADIENE	4.60	39	236530	12.81	PPBV	94
8) BROMOMETHANE	4.87	94	361701	11.90	PPBV	99
9) CHLOROETHANE	5.04	64	148362	12.61	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.81	101	1330289	12.05	PPBV	100
11) ISOPROPYL ALCOHOL	6.01	45	333715	12.13	PPBV	95
12) ACETONE	5.69	43	335470	12.60	PPBV	96
13) PENTANE	6.16	42	274849	12.08	PPBV	97
14) 1,1-DICHLOROETHYLENE	6.44	96	343576	11.20	PPBV	91
15) CARBON DISULFIDE	6.86	76	966004	11.11	PPBV	97
16) ETHANOL	5.28	45	50201	8.08	PPBV	87
17) BROMOETHENE	5.40	106	364685	11.95	PPBV	98
18) METHYLENE CHLORIDE	6.56	84	299567	11.87	PPBV	94
19) 3-CHLOROPROPENE	6.68	39	293420	11.70	PPBV	93
20) FREON 113	6.80	151	761595	10.61	PPBV	94
21) TRANS-1,2-DICHLOROETHYLENE	7.47	96	333890	10.98	PPBV	94
22) TERTIARY BUTYL ALCOHOL	6.61	59	435912	10.66	PPBV	97
23) METHYL TERTIARY BUTYL ETHE	7.75	73	663201	10.10	PPBV	97
24) TETRAHYDROFURAN	9.20	42	194258	9.52	PPBV	96
25) HEXANE	8.64	57	351657	9.41	PPBV	97
26) VINYL ACETATE	7.82	43	384790	10.03	PPBV	97
27) 1,1-DICHLOROETHANE	7.67	63	546865	10.62	PPBV	99
28) METHYL ETHYL KETONE	8.10	43	373680	9.21	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.47	96	305720	10.08	PPBV	95
30) ETHYL ACETATE	8.72	43	403226	9.37	PPBV	99
31) CHLOROFORM	8.76	83	767126	10.25	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.69	97	933714	10.99	PPBV	99
33) CARBON TETRACHLORIDE	10.27	117	1175776	11.35	PPBV	99
34) 1,2-DICHLOROETHANE	9.47	62	439607	10.10	PPBV	100
36) BENZENE	10.14	78	742618	10.18	PPBV	99
37) CYCLOHEXANE	10.38	84	389244	11.08	PPBV	98
38) TRICHLOROETHYLENE	11.13	95	392127	10.40	PPBV	98
39) 1,2-DICHLOROPROPANE	10.91	63	242018	10.31	PPBV	98
40) BROMODICHLOROMETHANE	11.10	83	681405	10.34	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.13	57	1300525	11.64	PPBV	100
42) 1,4-DIOXANE	11.21	88	114575	7.26	PPBV	92
43) HEPTANE	11.37	43	386979	10.88	PPBV	97

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10737a.D
Acq On : 22 Jun 2007 5:13 pm
Operator : danat
Sample : cc556-10 (m045)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 22 17:40:10 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration

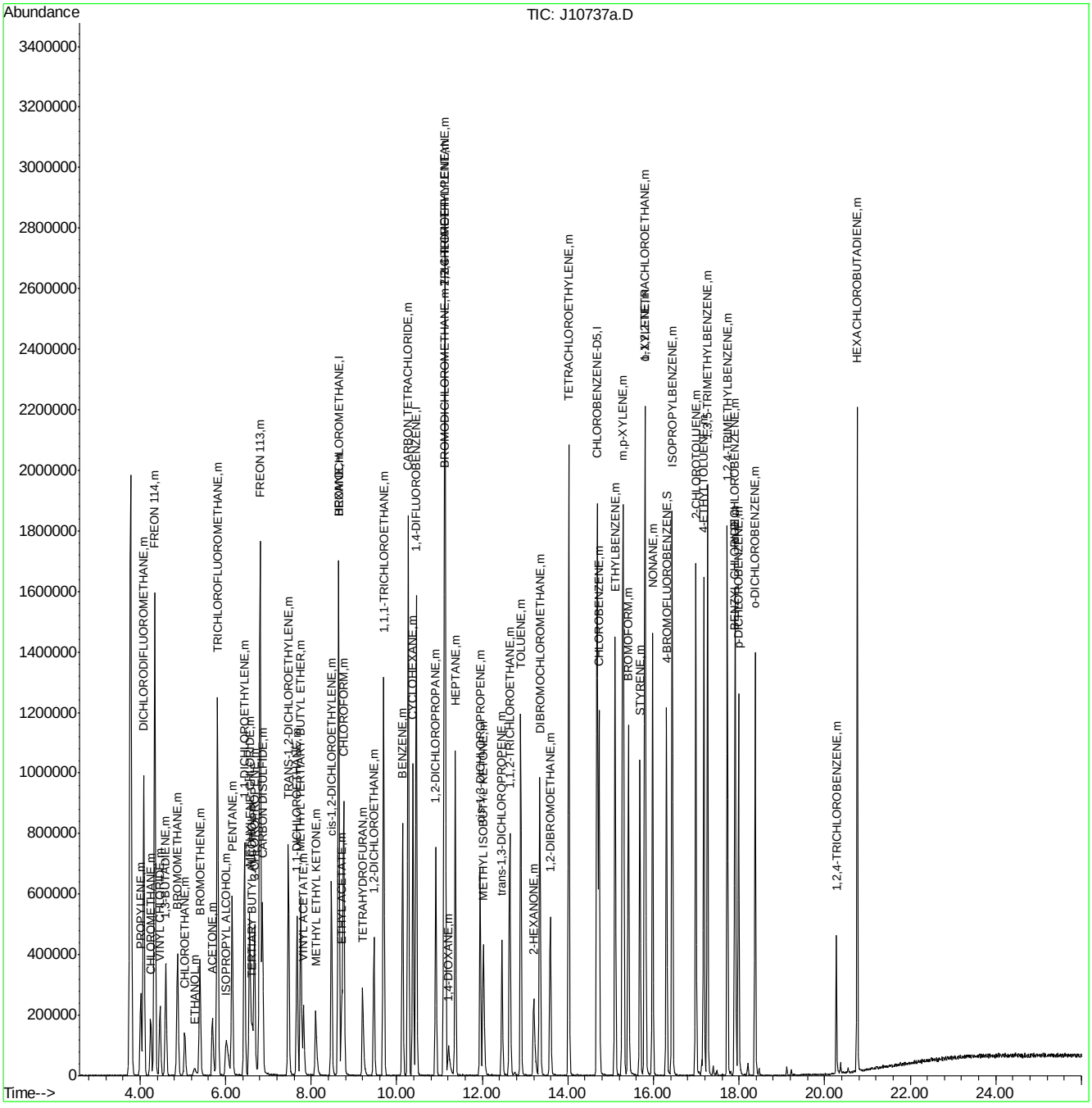
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.02	43	388757	9.16	PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.95	75	377142	10.48	PPBV	98
46) TOLUENE	12.90	92	527518	11.14	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.45	75	290004	8.46	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.64	83	254527	10.34	PPBV	98
50) 2-HEXANONE	13.20	43	272464	7.54	PPBV	97
51) TETRACHLOROETHYLENE	14.02	164	483746	10.05	PPBV	99
52) DIBROMOCHLOROMETHANE	13.34	129	685920	9.96	PPBV	100
53) 1,2-DIBROMOETHANE	13.59	107	455838	9.74	PPBV	100
54) CHLOROBENZENE	14.72	112	726133	10.06	PPBV	97
55) ETHYLBENZENE	15.10	91	1141753	11.91	PPBV	99
56) m,p-XYLENE	15.29	106	934942	24.56	PPBV	94
57) o-XYLENE	15.80	106	471461	9.97	PPBV	98
58) STYRENE	15.68	104	570335	11.84	PPBV	99
59) NONANE	15.98	43	499989	13.67	PPBV	99
60) BROMOFORM	15.41	173	655834	9.74	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.81	83	569812	9.79	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	1382160	11.33	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	931470	12.28	PPBV	99
65) 4-ETHYLTOLUENE	17.18	105	1068948	12.43	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1091265	12.08	PPBV	100
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	946715	13.68	PPBV	99
68) m-DICHLOROBENZENE	17.91	146	596500	10.84	PPBV	100
69) BENZYL CHLORIDE	17.89	91	379757	9.78	PPBV	100
70) p-DICHLOROBENZENE	17.99	146	518003	10.68	PPBV	99
71) o-DICHLOROBENZENE	18.37	146	543920	10.87	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	371513	11.63	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	126764	11.63	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\
Data File : J10737a.D
Acq On : 22 Jun 2007 5:13 pm
Operator : danat
Sample : cc556-10 (m045)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 22 17:40:10 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration



ACCUTEST Laboratories M65607

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10737.D
Acq On : 22 Jun 2007 5:13 pm
Operator : danat
Sample : icv556-10 (m045)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 09:23:51 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.64	128	320244	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.45	114	1347074	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.68	117	1210672	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.30	95	406390	5.41	PPBV	0.00
Spiked Amount 5.000	Range 51 - 142		Recovery = 108.20%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.09	85	1251942	12.25	PPBV	99
3) PROPYLENE	4.02	41	194637	12.93	PPBV	93
4) FREON 114	4.34	85	1093229	12.36	PPBV	96
5) CHLOROMETHANE	4.25	50	262287	12.59	PPBV	99
6) VINYL CHLORIDE	4.47	62	312911	12.83	PPBV	98
7) 1,3-BUTADIENE	4.60	39	236530	12.81	PPBV	94
8) BROMOMETHANE	4.87	94	361701	11.90	PPBV	99
9) CHLOROETHANE	5.04	64	148362	12.61	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.81	101	1330289	12.05	PPBV	100
11) ISOPROPYL ALCOHOL	6.01	45	333715	12.13	PPBV	95
12) ACETONE	5.69	43	335470	12.60	PPBV	96
13) PENTANE	6.16	42	274849	12.08	PPBV	97
14) 1,1-DICHLOROETHYLENE	6.44	96	343576	11.20	PPBV	91
15) CARBON DISULFIDE	6.86	76	966004	11.11	PPBV	97
16) ETHANOL	5.28	45	50201	8.08	PPBV	87
17) BROMOETHENE	5.40	106	364685	11.95	PPBV	98
18) METHYLENE CHLORIDE	6.56	84	299567	11.87	PPBV	94
19) 3-CHLOROPROPENE	6.68	39	293420	11.70	PPBV	93
20) FREON 113	6.80	151	761595	10.61	PPBV	94
21) TRANS-1,2-DICHLOROETHYLENE	7.47	96	333890	10.98	PPBV	94
22) TERTIARY BUTYL ALCOHOL	6.61	59	435912	10.66	PPBV	97
23) METHYL TERTIARY BUTYL ETHE	7.75	73	663201	10.10	PPBV	97
24) TETRAHYDROFURAN	9.20	42	194258	9.52	PPBV	96
25) HEXANE	8.64	57	351657	9.41	PPBV	97
26) VINYL ACETATE	7.82	43	384790	10.03	PPBV	97
27) 1,1-DICHLOROETHANE	7.67	63	546865	10.62	PPBV	99
28) METHYL ETHYL KETONE	8.10	43	373680	9.21	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.47	96	305720	10.08	PPBV	95
30) ETHYL ACETATE	8.72	43	403226	9.37	PPBV	99
31) CHLOROFORM	8.76	83	767126	10.25	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.69	97	933714	10.99	PPBV	99
33) CARBON TETRACHLORIDE	10.27	117	1175776	11.35	PPBV	99
34) 1,2-DICHLOROETHANE	9.47	62	439607	10.10	PPBV	100
36) BENZENE	10.14	78	742618	10.18	PPBV	99
37) CYCLOHEXANE	10.38	84	389244	11.08	PPBV	98
38) TRICHLOROETHYLENE	11.13	95	392127	10.40	PPBV	98
39) 1,2-DICHLOROPROPANE	10.91	63	242018	10.31	PPBV	98
40) BROMODICHLOROMETHANE	11.10	83	681405	10.34	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.13	57	1300525	11.64	PPBV	100
42) 1,4-DIOXANE	11.21	88	114575	7.26	PPBV	92
43) HEPTANE	11.37	43	386979	10.88	PPBV	97

ACCUTEST Laboratories M65607

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10737.D
Acq On : 22 Jun 2007 5:13 pm
Operator : danat
Sample : icv556-10 (m045)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 09:23:51 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration

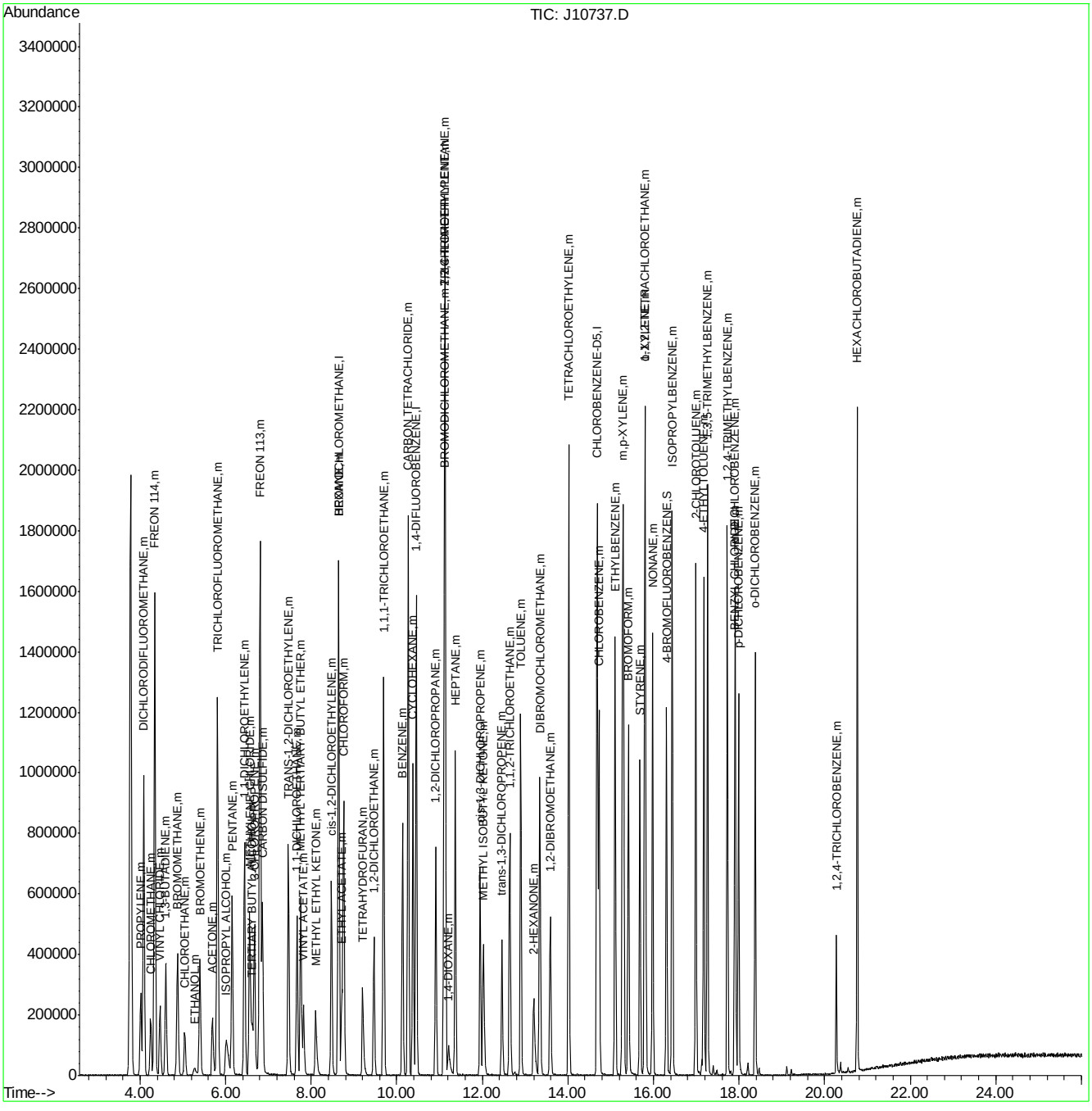
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.02	43	388757	9.16	PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.95	75	377142	10.48	PPBV	98
46) TOLUENE	12.90	92	527518	11.14	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.45	75	290004	8.46	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.64	83	254527	10.34	PPBV	98
50) 2-HEXANONE	13.20	43	272464	7.54	PPBV	97
51) TETRACHLOROETHYLENE	14.02	164	483746	10.05	PPBV	99
52) DIBROMOCHLOROMETHANE	13.34	129	685920	9.96	PPBV	100
53) 1,2-DIBROMOETHANE	13.59	107	455838	9.74	PPBV	100
54) CHLOROBENZENE	14.72	112	726133	10.06	PPBV	97
55) ETHYLBENZENE	15.10	91	1141753	11.91	PPBV	99
56) m,p-XYLENE	15.29	106	934942	24.56	PPBV	94
57) o-XYLENE	15.80	106	471461	9.97	PPBV	98
58) STYRENE	15.68	104	570335	11.84	PPBV	99
59) NONANE	15.98	43	499989	13.67	PPBV	99
60) BROMOFORM	15.41	173	655834	9.74	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.81	83	569812	9.79	PPBV	99
63) ISOPROPYLBENZENE	16.44	105	1382160	11.33	PPBV	99
64) 2-CHLOROTOLUENE	16.99	91	931470	12.28	PPBV	99
65) 4-ETHYLTOLUENE	17.18	105	1068948	12.43	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.26	105	1091265	12.08	PPBV	100
67) 1,2,4-TRIMETHYLBENZENE	17.73	105	946715	13.68	PPBV	99
68) m-DICHLOROBENZENE	17.91	146	596500	10.84	PPBV	100
69) BENZYL CHLORIDE	17.89	91	379757	9.78	PPBV	100
70) p-DICHLOROBENZENE	17.99	146	518003	10.68	PPBV	99
71) o-DICHLOROBENZENE	18.37	146	543920	10.87	PPBV	99
72) HEXACHLOROBUTADIENE	20.76	225	371513	11.63	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.27	180	126764	11.63	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\data\
Data File : J10737.D
Acq On : 22 Jun 2007 5:13 pm
Operator : danat
Sample : icv556-10 (m045)
Misc : MS13762, MSJ556,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 09:23:51 2007
Quant Method : C:\MSDCHEM\1\METHODS\J062207T.M
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 22 17:13:57 2007
Response via : Initial Calibration



ACCUTEST Laboratories M65607

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/16/07 18:03

Quantitation Report (QT Reviewed)

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

Quant Time: May 15 17:38:39 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 16:13:49 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.422	128	122843	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.343	114	613891	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.694	117	545288	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.332	95	217174	4.82	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 96.40%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.593	85	208384	2.32	PPBV	86
3) PROPYLENE	3.520	41	62735	2.50	PPBV	86
4) FREON 114	3.858	85	208312	2.42	PPBV #	100
5) CHLOROMETHANE	3.760	50	82021	2.52	PPBV	92
6) VINYL CHLORIDE	3.982	62	72469	2.53	PPBV	73
7) 1,3-BUTADIENE	4.120	39	61434	2.52	PPBV #	100
8) BROMOMETHANE	4.399	94	67244	2.45	PPBV #	100
9) CHLOROETHANE	4.571	64	31098	2.54	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.389	101	214239	2.41	PPBV #	100
11) ISOPROPYL ALCOHOL	5.442	45	105526	2.66	PPBV	91
12) ACETONE	5.190	43	104671	2.68	PPBV #	71
13) PENTANE	5.765	42	56825	2.86	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.065	96	57066	2.37	PPBV #	22
15) CARBON DISULFIDE	6.525	76	139381	2.35	PPBV	67
16) ETHANOL	4.669	45	24015	2.71	PPBV #	100
17) BROMOETHENE	4.940	106	67917	2.41	PPBV #	100
18) METHYLENE CHLORIDE	6.191	84	63785	3.26	PPBV #	1
19) 3-CHLOROPROPENE	6.316	39	44837	2.49	PPBV #	1
20) FREON 113	6.468	151	109797	2.11	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.182	96	52419	2.17	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.090	59	118964	2.72	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.444	73	115051	2.10	PPBV #	100
24) TETRAHYDROFURAN	8.956	42	88300	2.60	PPBV #	100
25) HEXANE	8.458	57	89941	2.55	PPBV #	100
26) VINYL ACETATE	7.530	43	194754	4.24	PPBV	89
27) 1,1-DICHLOROETHANE	7.386	63	113481	2.70	PPBV #	100
28) METHYL ETHYL KETONE	7.792	43	168665	2.67	PPBV	87
29) cis-1,2-DICHLOROETHYLENE	8.248	96	45711	2.18	PPBV #	100
30) ETHYL ACETATE	8.460	43	270261	2.73	PPBV	100
31) CHLOROFORM	8.548	83	124604	2.32	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.549	97	121879	2.08	PPBV	90
33) CARBON TETRACHLORIDE	10.160	117	128126	1.94	PPBV	94
34) 1,2-DICHLOROETHANE	9.297	62	99543	2.20	PPBV	100
36) BENZENE	10.009	78	141084	2.17	PPBV	89
37) CYCLOHEXANE	10.282	84	49118	2.06	PPBV #	31
38) TRICHLOROETHYLENE	11.047	95	72286	1.91	PPBV #	82
39) 1,2-DICHLOROPROPANE	10.822	63	68885	2.16	PPBV #	58
40) BROMODICHLOROMETHANE	11.008	83	120366	1.90	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.070	57	328884	2.21	PPBV #	92
42) 1,4-DIOXANE	11.044	88	25019	1.88	PPBV #	5
43) HEPTANE	11.322	43	140755	2.25	PPBV #	75

Quantitation Report (QT Reviewed)

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

Quant Time: May 15 17:38:39 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 16:13:49 2007
Response via : Initial Calibration

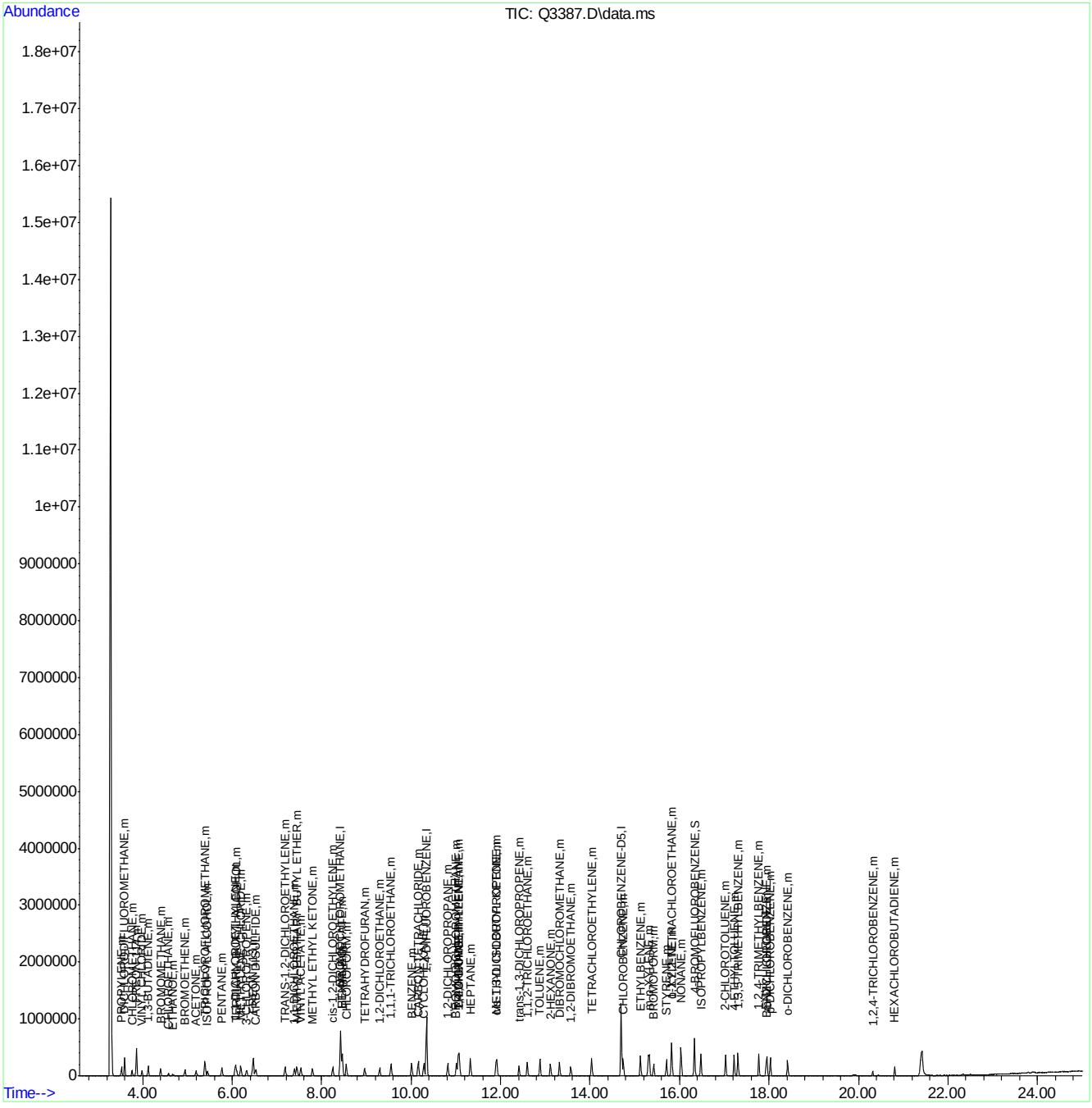
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.915	43	190844	2.13	PPBV	93
45) cis-1,3-DICHLOROPROPENE	11.897	75	86189	1.87	PPBV	99
46) TOLUENE	12.882	92	94014	1.91	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.412	75	73578	1.75	PPBV #	99
48) 1,1,2-TRICHLOROETHANE	12.597	83	56902	2.05	PPBV	91
50) 2-HEXANONE	13.113	43	156095	1.97	PPBV	96
51) TETRACHLOROETHYLENE	14.036	164	46283	1.55	PPBV #	80
52) DIBROMOCHLOROMETHANE	13.313	129	106166	1.66	PPBV	99
53) 1,2-DIBROMOETHANE	13.566	107	98508	1.81	PPBV	99
54) CHLOROBENZENE	14.740	112	125797	1.86	PPBV	90
55) ETHYLBENZENE	15.126	91	218178	1.85	PPBV	94
56) m,p-XYLENE	15.321	106	150900m	3.48	PPBV	
57) o-XYLENE	15.827	106	74275	1.68	PPBV	90
58) STYRENE	15.708	104	104058	1.66	PPBV	98
59) NONANE	16.034	43	217176	2.23	PPBV	82
60) BROMOFORM	15.418	173	76195	1.38	PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.819	83	131599	1.80	PPBV	95
63) ISOPROPYLBENZENE	16.478	105	220668	1.73	PPBV	96
64) 2-CHLOROTOLUENE	17.030	91	171650	1.73	PPBV	92
65) 4-ETHYLTOLUENE	17.222	105	191946	1.63	PPBV	92
66) 1,3,5-TRIMETHYLBENZENE	17.303	105	177757	1.63	PPBV	93
67) 1,2,4-TRIMETHYLBENZENE	17.770	105	164475	1.52	PPBV	92
68) m-DICHLOROBENZENE	17.955	146	90859	1.37	PPBV	94
69) BENZYL CHLORIDE	17.931	91	108545	1.29	PPBV	92
70) p-DICHLOROBENZENE	18.029	146	89910	1.41	PPBV	93
71) o-DICHLOROBENZENE	18.416	146	74132	1.29	PPBV	93
72) HEXACHLOROBUTADIENE	20.808	225	13993	1.10	PPBV	97
73) 1,2,4-TRICHLOROBENZENE	20.322	180	14039	1.75	PPBV	97

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

Quantitation Report (QT Reviewed)

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

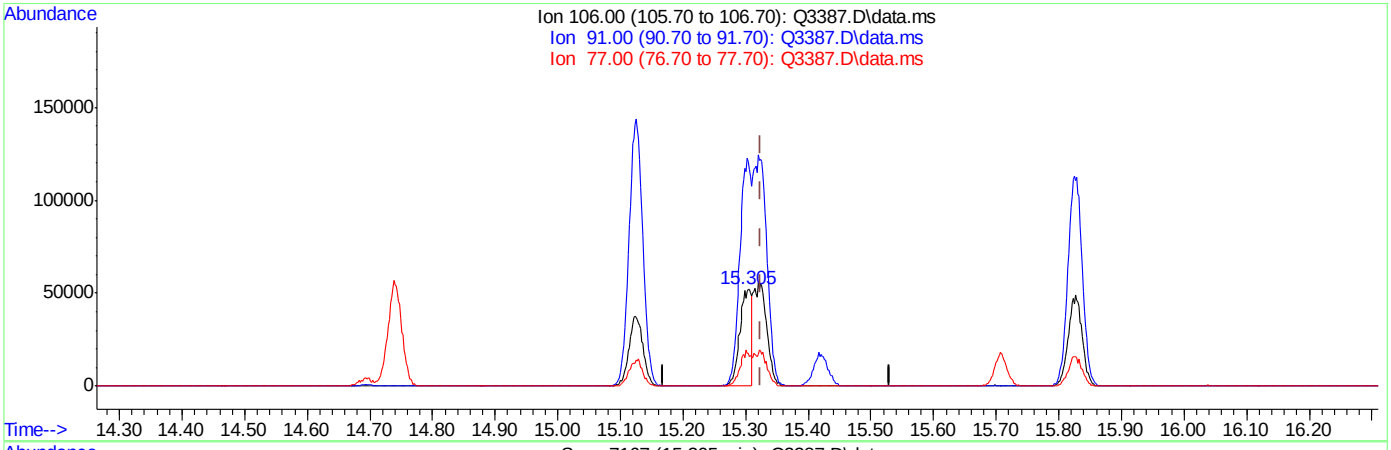
Quant Time: May 15 17:38:39 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 16:13:49 2007
Response via : Initial Calibration

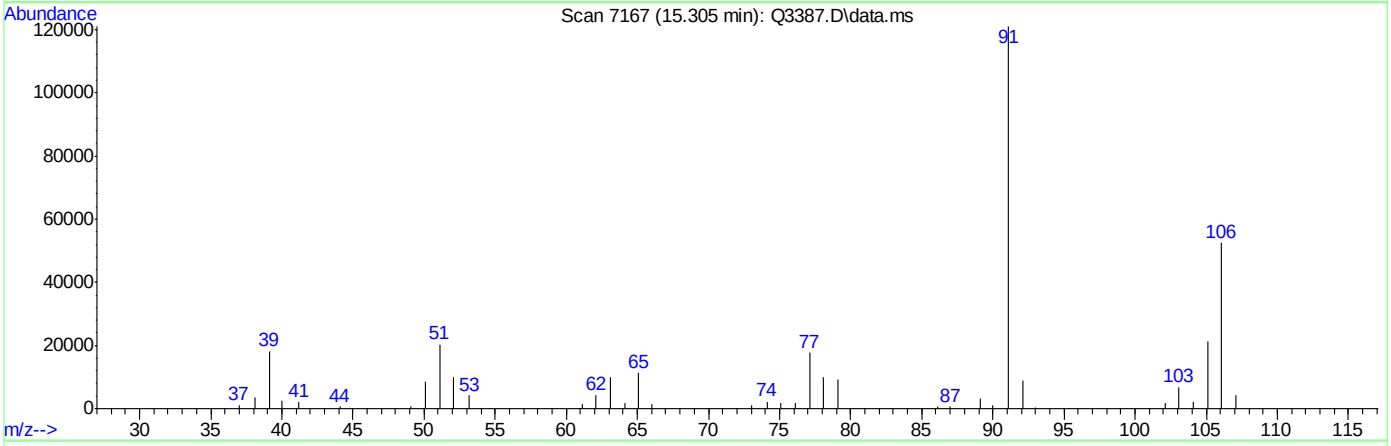


Quantitation Report (Qedit)

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

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





TIC: Q3387.D\data.ms

(56) m,p-XYLENE (m)

15.305min (-0.019) 1.61PPBV

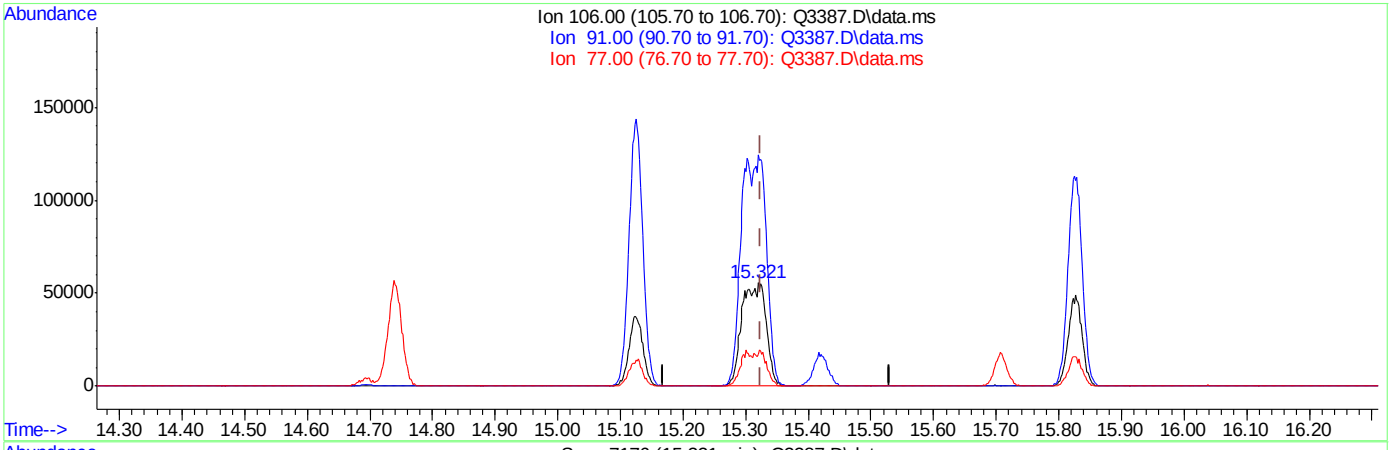
response 69695

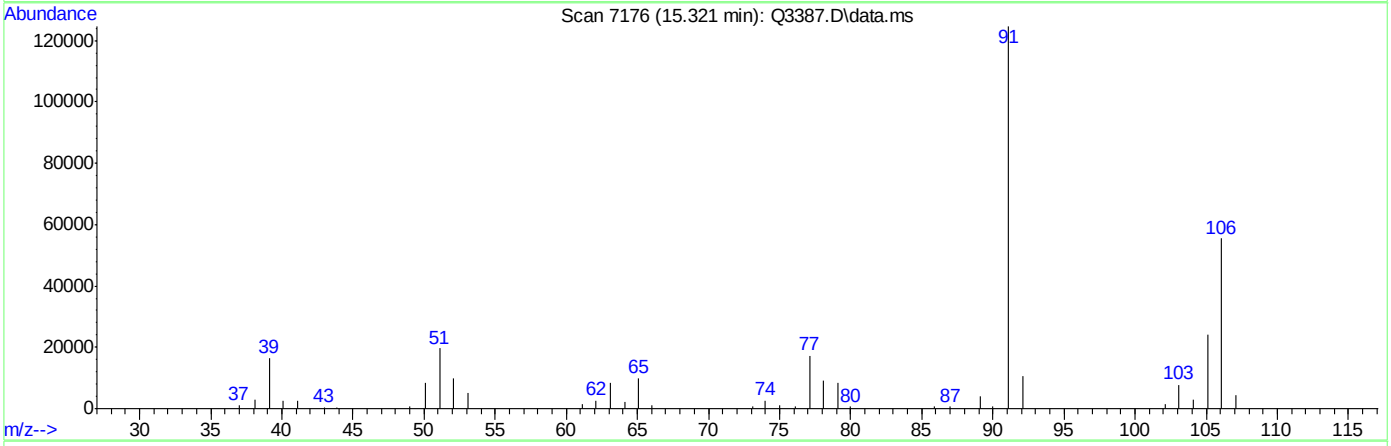
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	231.05
77.00	30.60	33.87
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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



TIC: Q3387.D\data.ms

(56) m,p-XYLENE (m)

15.321min (-0.004) 3.48PPBV m

response 150900

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

ACCUTEST Laboratories M65607

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/16/07 18:03

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 19:01:14 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.419	128	89822	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.342	114	448955	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.694	117	361598	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.332	95	152465	5.13	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 102.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.593	85	13893	0.21	PPBV	84
3) PROPYLENE	3.522	41	5278	0.26	PPBV #	77
4) FREON 114	3.857	85	13394	0.21	PPBV #	100
5) CHLOROMETHANE	3.760	50	5951	0.23	PPBV	78
6) VINYL CHLORIDE	3.985	62	4878	0.22	PPBV	74
7) 1,3-BUTADIENE	4.118	39	5931	0.31	PPBV #	100
8) BROMOMETHANE	4.399	94	3705	0.18	PPBV #	100
9) CHLOROETHANE	4.569	64	1930m	0.20	PPBV	
10) TRICHLOROFLUOROMETHANE	5.385	101	15250	0.23	PPBV #	100
11) ISOPROPYL ALCOHOL	5.449	45	15779	0.45	PPBV	93
12) ACETONE	5.192	43	15719	0.46	PPBV #	77
13) PENTANE	5.767	42	5780	0.35	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.074	96	3740	0.20	PPBV #	12
15) CARBON DISULFIDE	6.520	76	9661	0.22	PPBV #	30
16) ETHANOL	4.677	45	4543	0.53	PPBV	100
17) BROMOETHENE	4.935	106	3981	0.19	PPBV #	100
18) METHYLENE CHLORIDE	6.189	84	7955	0.40	PPBV #	1
19) 3-CHLOROPROPENE	6.312	39	4493	0.31	PPBV #	1
20) FREON 113	6.465	151	8059	0.21	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.178	96	3704	0.21	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.104	59	9432	0.27	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.451	73	9104	0.23	PPBV	100
24) TETRAHYDROFURAN	8.979	42	5208	0.20	PPBV	100
25) HEXANE	8.463	57	6272	0.23	PPBV #	100
26) VINYL ACETATE	7.531	43	9146	0.22	PPBV	75
27) 1,1-DICHLOROETHANE	7.396	63	7472	0.23	PPBV #	100
28) METHYL ETHYL KETONE	7.799	43	12311	0.24	PPBV	76
29) cis-1,2-DICHLOROETHYLENE	8.245	96	2293	0.15	PPBV #	100
30) ETHYL ACETATE	8.466	43	18708	0.24	PPBV #	100
31) CHLOROFORM	8.543	83	8897	0.22	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.549	97	7764m	0.19	PPBV	
33) CARBON TETRACHLORIDE	10.152	117	8027	0.18	PPBV	92
34) 1,2-DICHLOROETHANE	9.299	62	6574	0.20	PPBV #	98
36) BENZENE	10.011	78	8420	0.18	PPBV	97
37) CYCLOHEXANE	10.275	84	2220	0.14	PPBV #	19
38) TRICHLOROETHYLENE	11.051	95	3516	0.14	PPBV #	75
39) 1,2-DICHLOROPROPANE	10.813	63	3945	0.17	PPBV #	52
40) BROMODICHLOROMETHANE	11.013	83	7185	0.17	PPBV	93
41) 2,2,4-TRIMETHYLPENTANE	11.068	57	17081	0.16	PPBV #	94
42) 1,4-DIOXANE	11.056	88	1587	0.17	PPBV #	1
43) HEPTANE	11.324	43	6671	0.15	PPBV #	66

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 19:01:14 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration

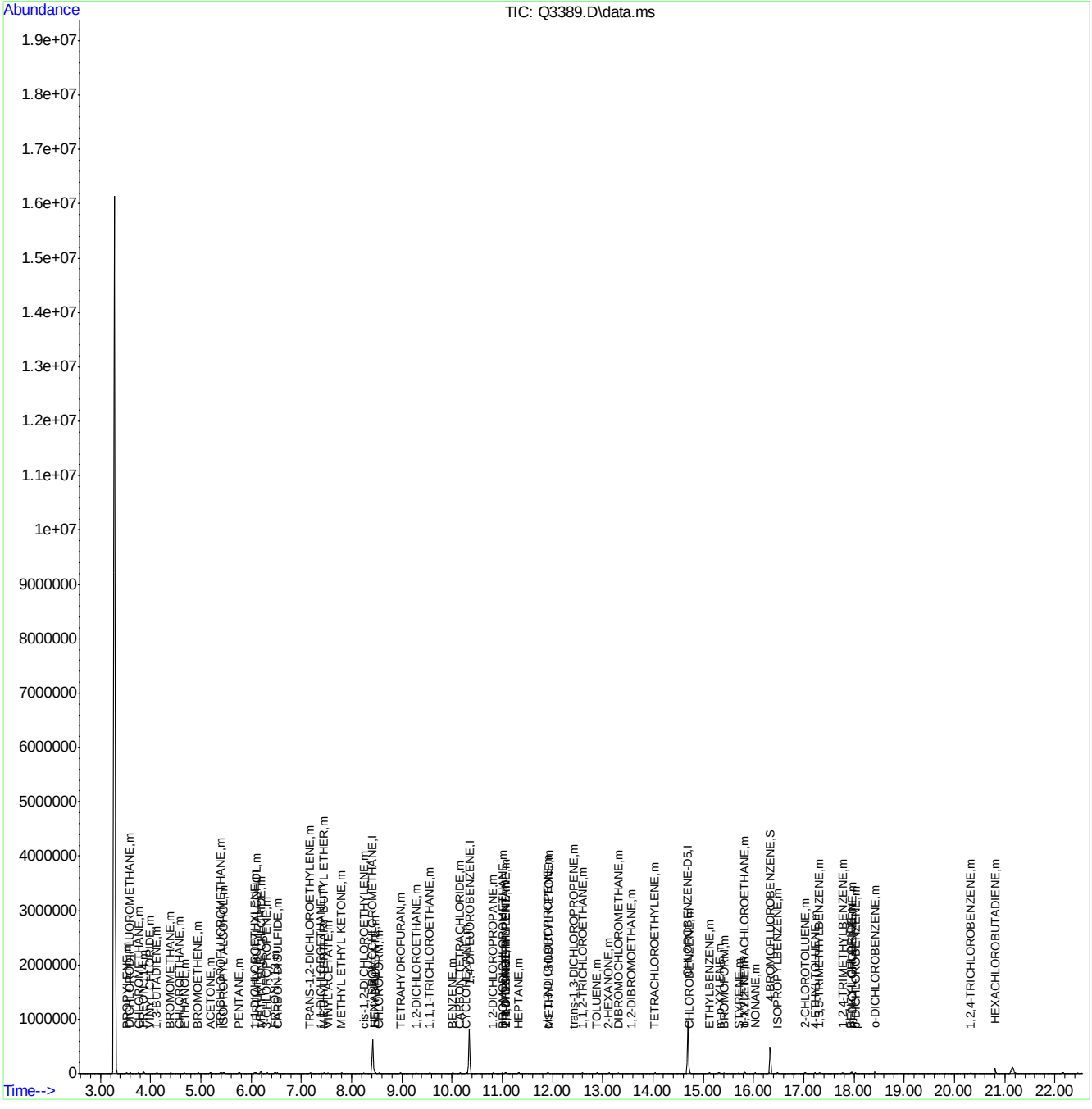
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.920	43	9555	0.15	PPBV		84
45) cis-1,3-DICHLOROPROPENE	11.895	75	4173	0.14	PPBV		93
46) TOLUENE	12.884	92	4089	0.12	PPBV	#	81
47) trans-1,3-DICHLOROPROPENE	12.412	75	2997	0.11	PPBV	#	80
48) 1,1,2-TRICHLOROETHANE	12.593	83	3083	0.16	PPBV		90
50) 2-HEXANONE	13.118	43	10136	0.19	PPBV	#	83
51) TETRACHLOROETHYLENE	14.029	164	1868	0.11	PPBV	#	55
52) DIBROMOCHLOROMETHANE	13.315	129	5272	0.14	PPBV		96
53) 1,2-DIBROMOETHANE	13.567	107	4975	0.15	PPBV	#	90
54) CHLOROBENZENE	14.737	112	6120	0.15	PPBV		85
55) ETHYLBENZENE	15.131	91	9941	0.14	PPBV		83
56) m,p-XYLENE	15.324	106	6463m	0.25	PPBV		
57) o-XYLENE	15.825	106	3584	0.14	PPBV		89
58) STYRENE	15.706	104	3255	0.09	PPBV		98
59) NONANE	16.032	43	11082	0.17	PPBV	#	72
60) BROMOFORM	15.425	173	3903	0.13	PPBV	#	72
62) 1,1,2,2-TETRACHLOROETHANE	15.818	83	9968	0.21	PPBV		92
63) ISOPROPYLBENZENE	16.476	105	11414	0.15	PPBV		91
64) 2-CHLOROTOLUENE	17.028	91	9634	0.16	PPBV		89
65) 4-ETHYLTOLUENE	17.218	105	9884m	0.14	PPBV		
66) 1,3,5-TRIMETHYLBENZENE	17.307	105	11175	0.17	PPBV		91
67) 1,2,4-TRIMETHYLBENZENE	17.772	105	10547	0.16	PPBV		90
68) m-DICHLOROBENZENE	17.956	146	6379	0.17	PPBV		94
69) BENZYL CHLORIDE	17.931	91	7819	0.16	PPBV		87
70) p-DICHLOROBENZENE	18.031	146	4813	0.13	PPBV		89
71) o-DICHLOROBENZENE	18.414	146	7856	0.23	PPBV		91
72) HEXACHLOROBUTADIENE	20.806	225	7693	0.62	PPBV		96
73) 1,2,4-TRICHLOROBENZENE	20.317	180	2282	0.37	PPBV		85

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

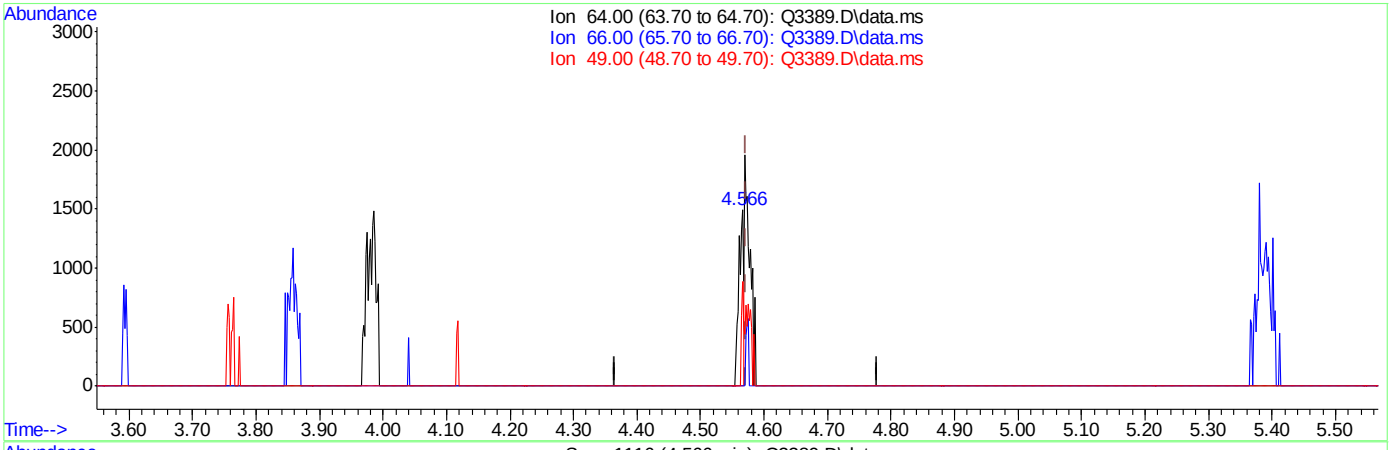
Quant Time: May 15 19:01:14 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration

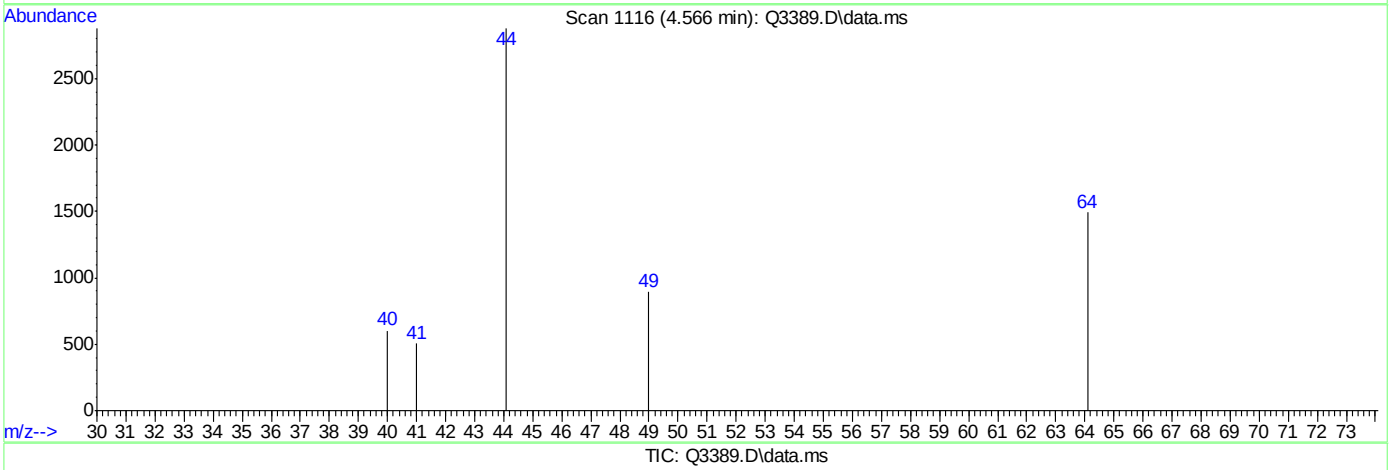


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 19:00:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration





TIC: Q3389.D\data.ms

(9) CHLOROETHANE (m)

4.566min (-0.007) 0.08PPBV

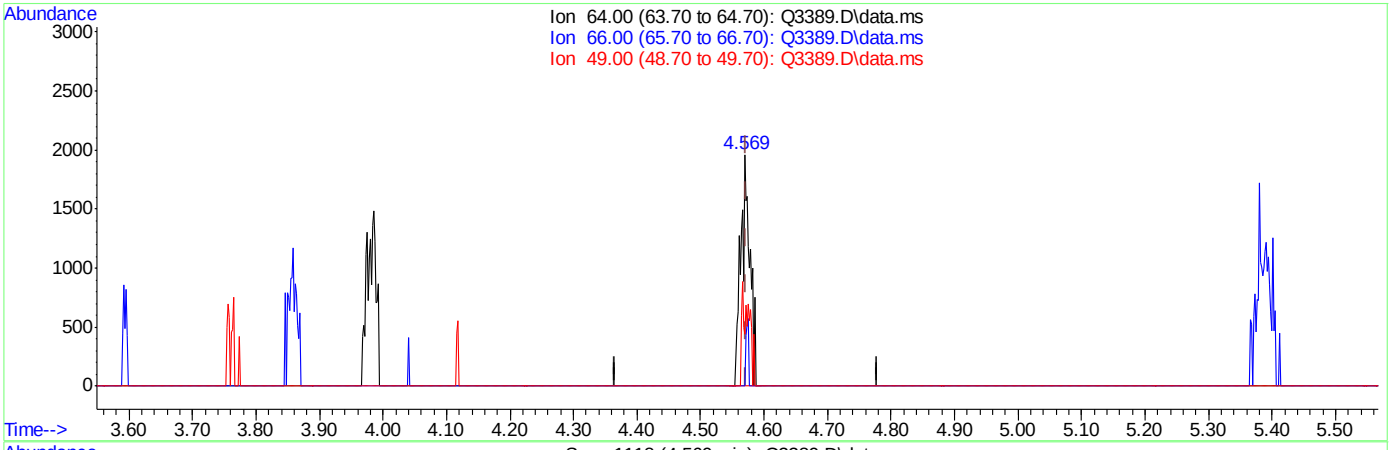
response 754

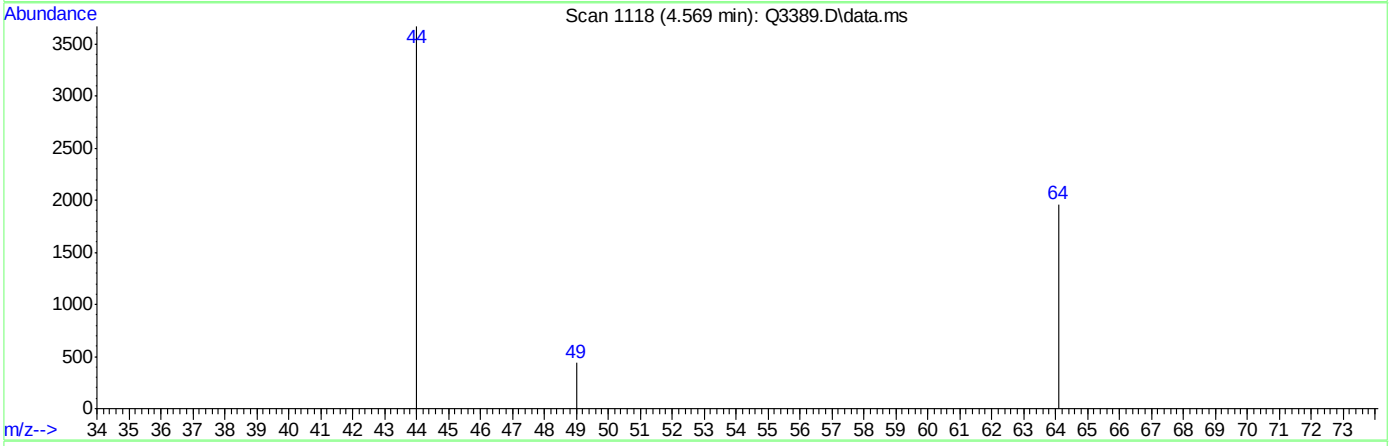
Ion	Exp%	Act%
64.00	100	100
66.00	0.00	21.49#
49.00	0.00	91.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On    : 15 May 2007   6:37 pm
Operator  : PhilipB
Sample    : IC185-.2(M044)
Misc      : MS13535,MSQ185,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: May 15 19:00:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration
```



TIC: Q3389.D\data.ms

(9) CHLOROETHANE (m)

4.569min (-0.004) 0.20PPBV m

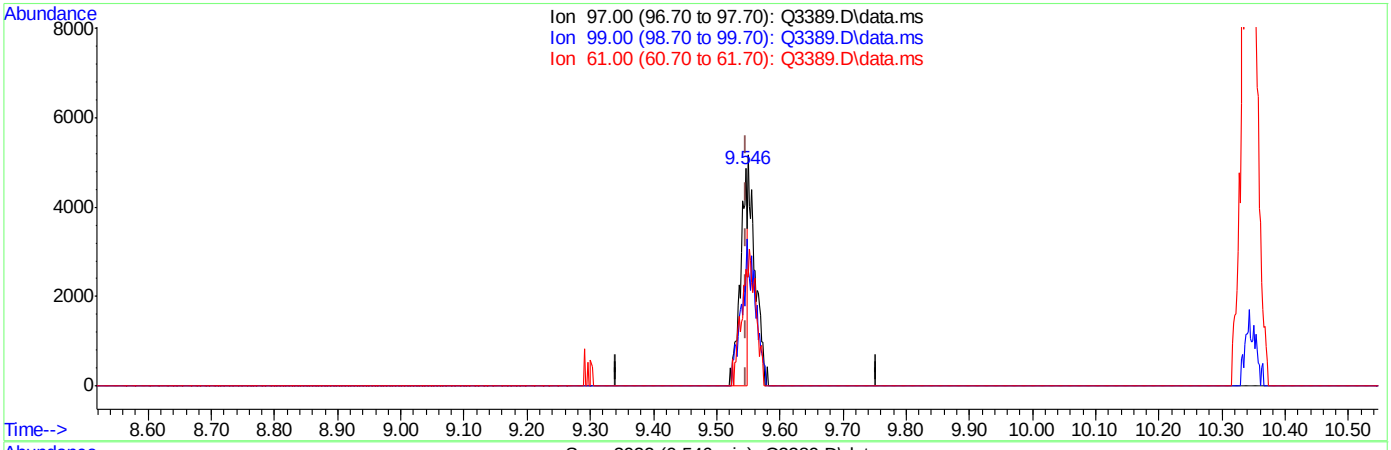
response 1930

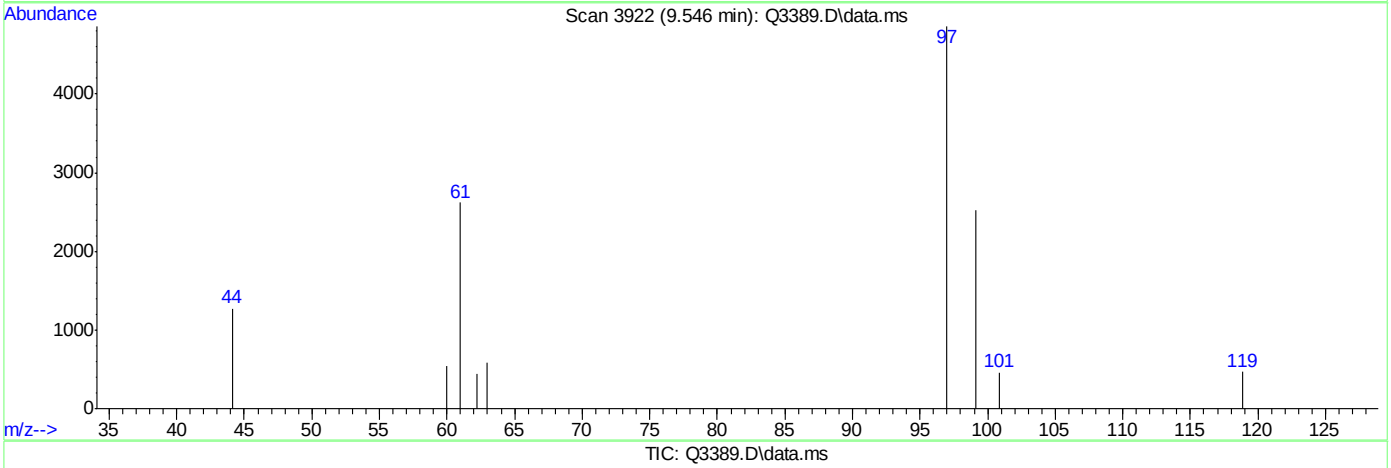
Ion	Exp%	Act%
64.00	100	100
66.00	0.00	8.39
49.00	0.00	35.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 19:00:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration





TIC: Q3389.D\data.ms

(32) 1,1,1-TRICHLOROETHANE (m)

9.546min (-0.002) 0.09PPBV

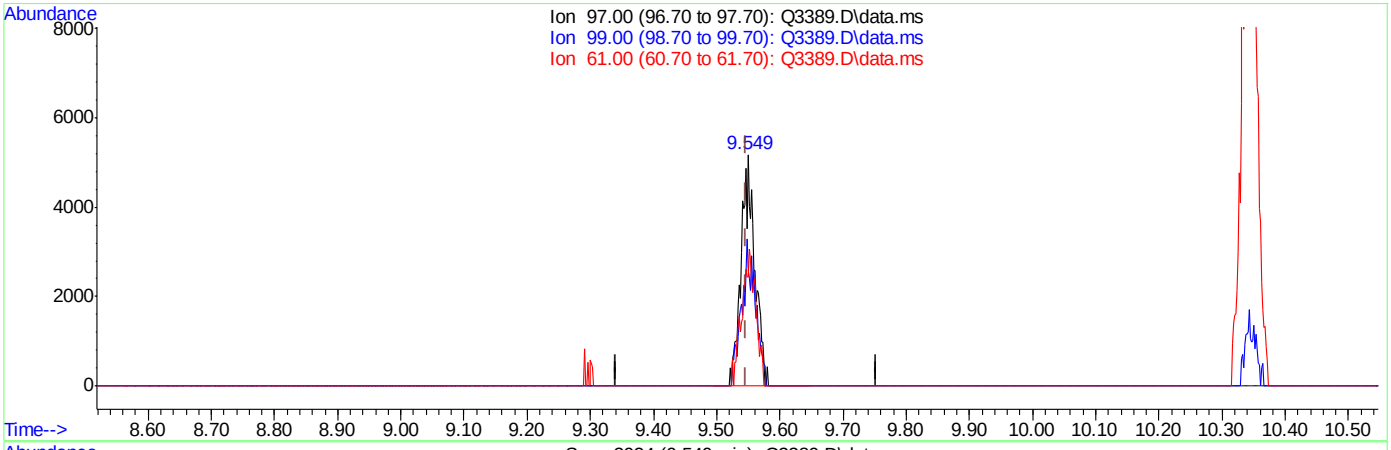
response 3655

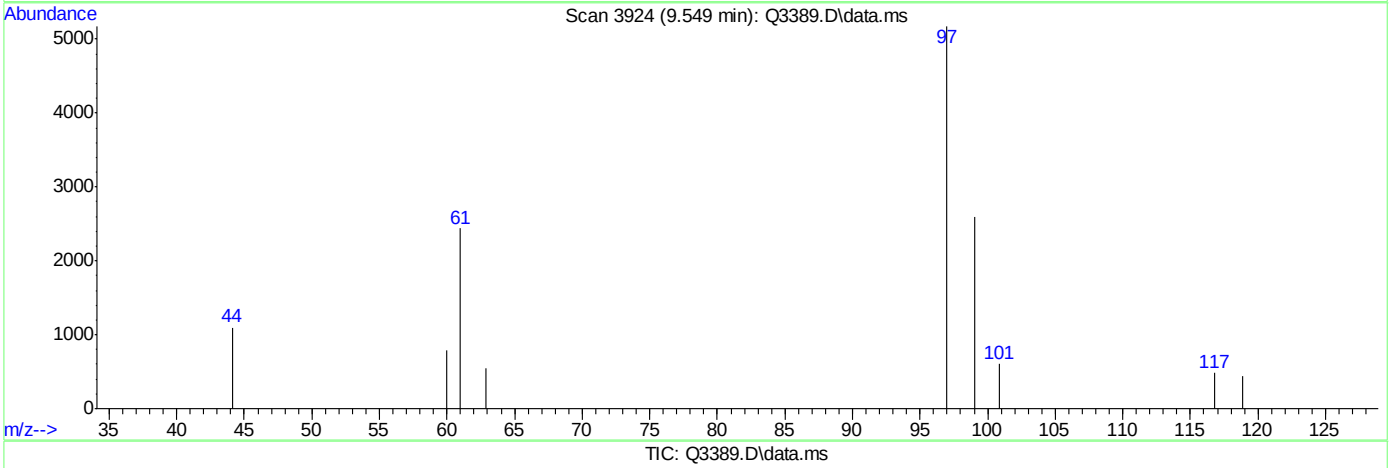
Ion	Exp%	Act%
97.00	100	100
99.00	63.00	135.62#
61.00	38.00	128.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 19:00:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration





TIC: Q3389.D\data.ms

(32) 1,1,1-TRICHLOROETHANE (m)

9.549min (+0.002) 0.19PPBV m

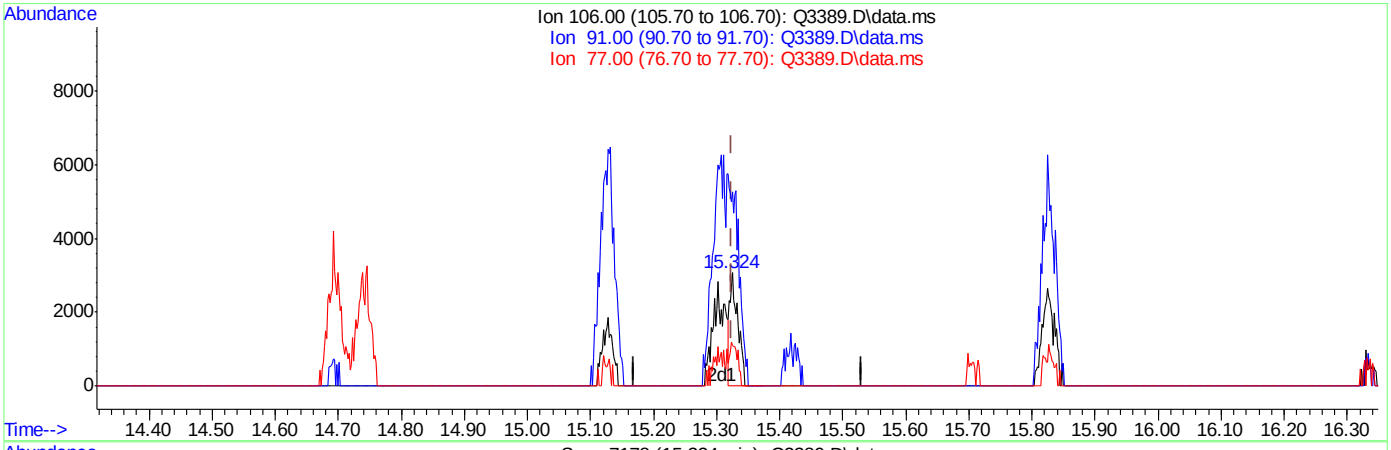
response 7764

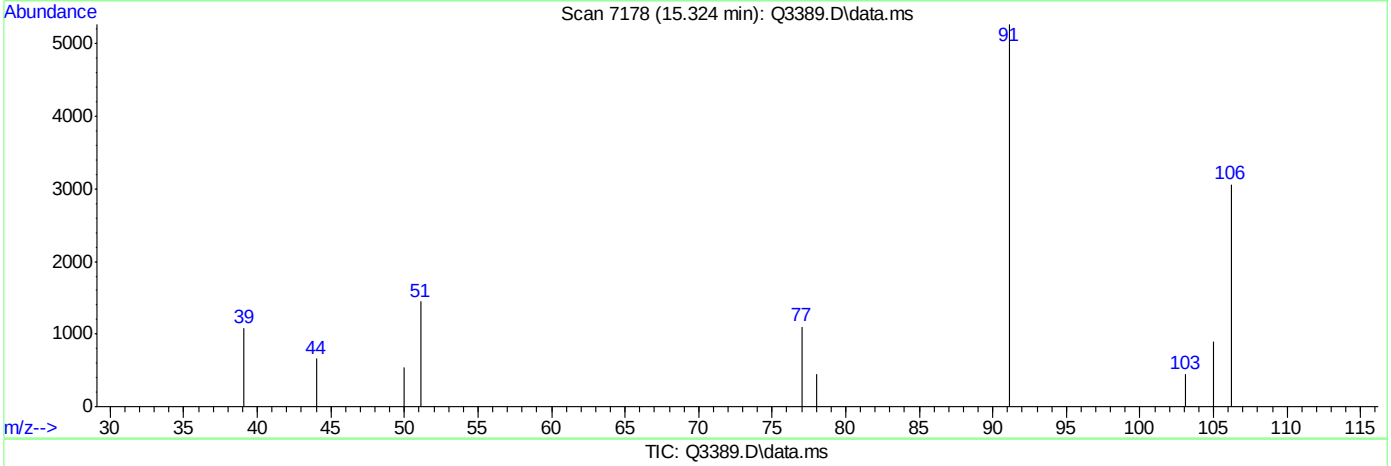
Ion	Exp%	Act%
97.00	100	100
99.00	63.00	63.85
61.00	38.00	60.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On    : 15 May 2007   6:37 pm
Operator  : PhilipB
Sample    : IC185-.2(M044)
Misc      : MS13535,MSQ185,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: May 15 19:00:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration
```



TIC: Q3389.D\data.ms

(56) m,p-XYLENE (m)

15.324min (-0.000) 0.11PPBV

response 2752

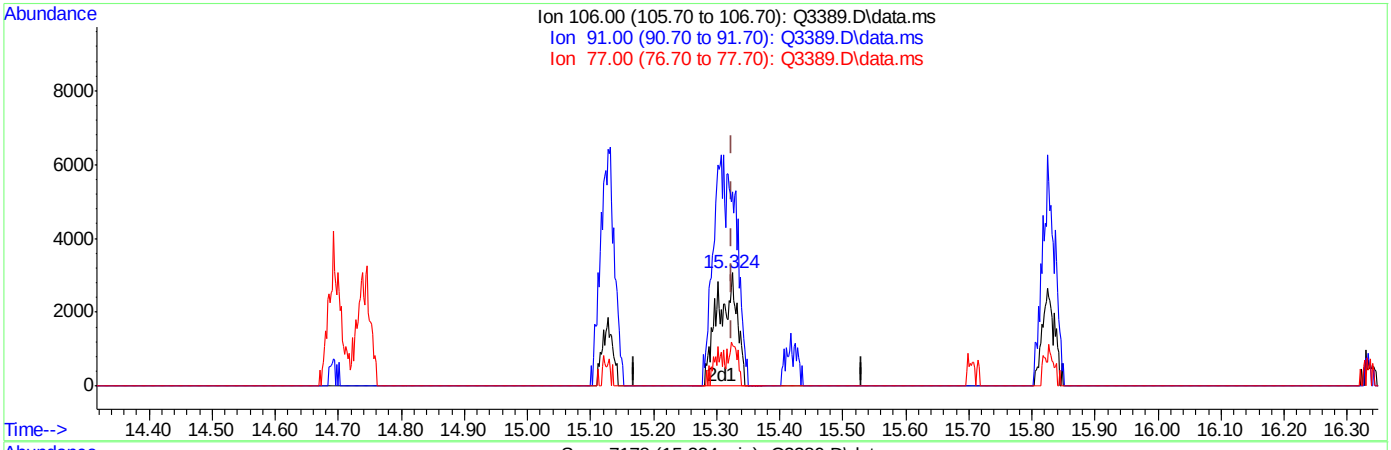
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	171.91
77.00	30.60	35.92
0.00	0.00	0.00

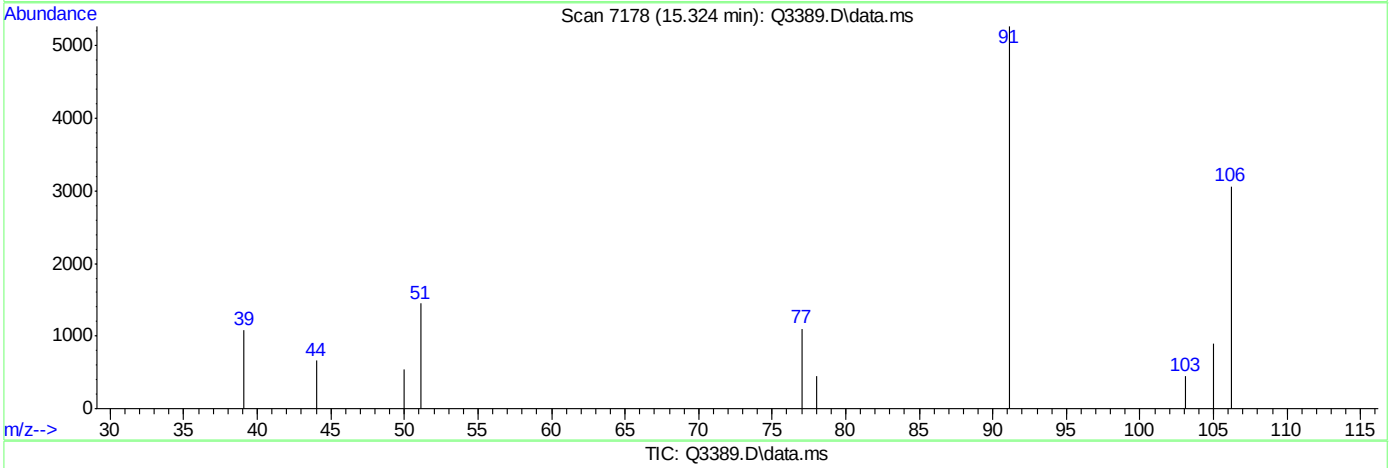
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On    : 15 May 2007   6:37 pm
Operator  : PhilipB
Sample    : IC185-.2(M044)
Misc      : MS13535,MSQ185,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: May 15 19:00:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration
```



TIC: Q3389.D\data.ms

(56) m,p-XYLENE (m)

15.324min (-0.000) 0.25PPBV m

response 6463

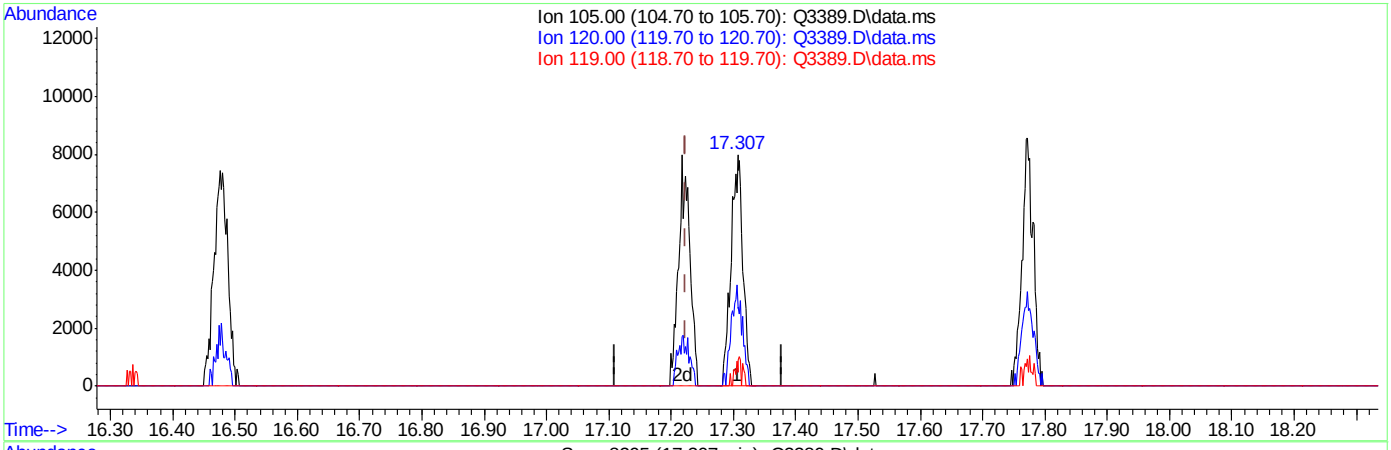
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	171.91
77.00	30.60	35.92
0.00	0.00	0.00

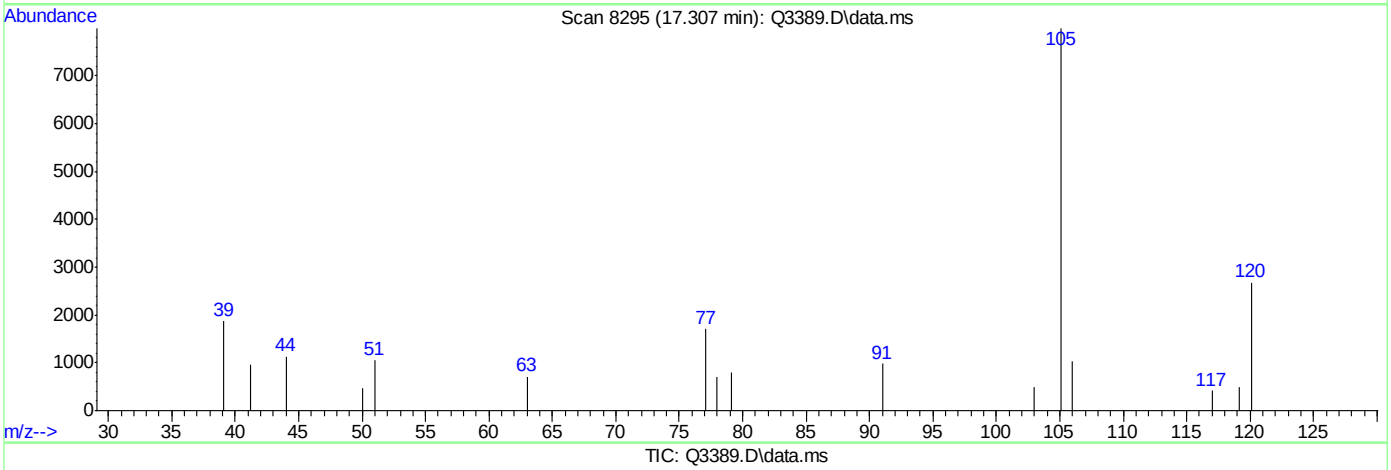
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On : 15 May 2007 6:37 pm
Operator : PhilipB
Sample : IC185-.2(M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 19:00:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration





TIC: Q3389.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.307min (+0.083) 0.16PPBV

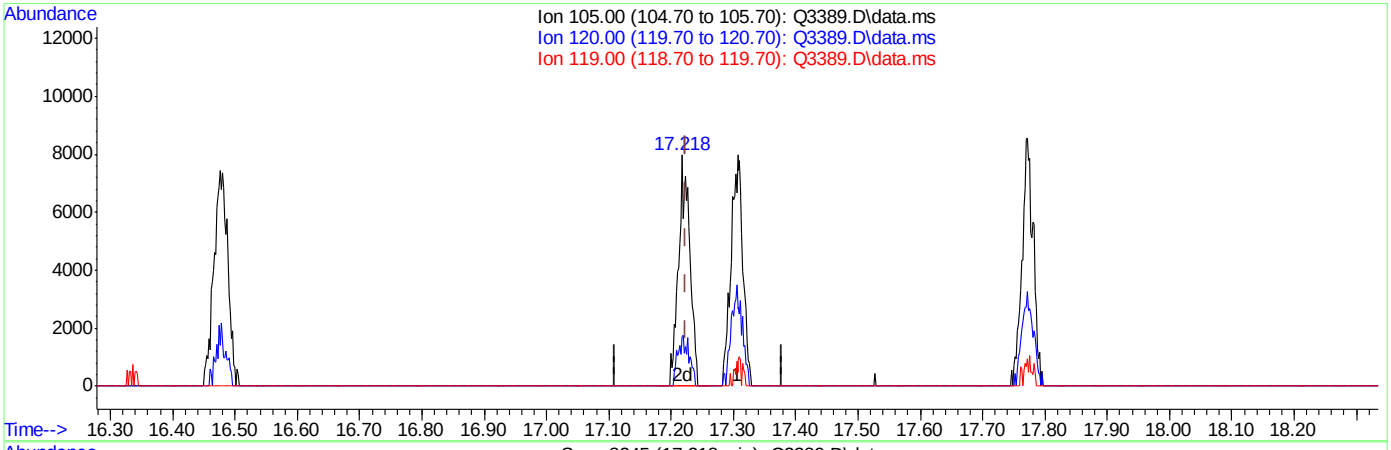
response 11178

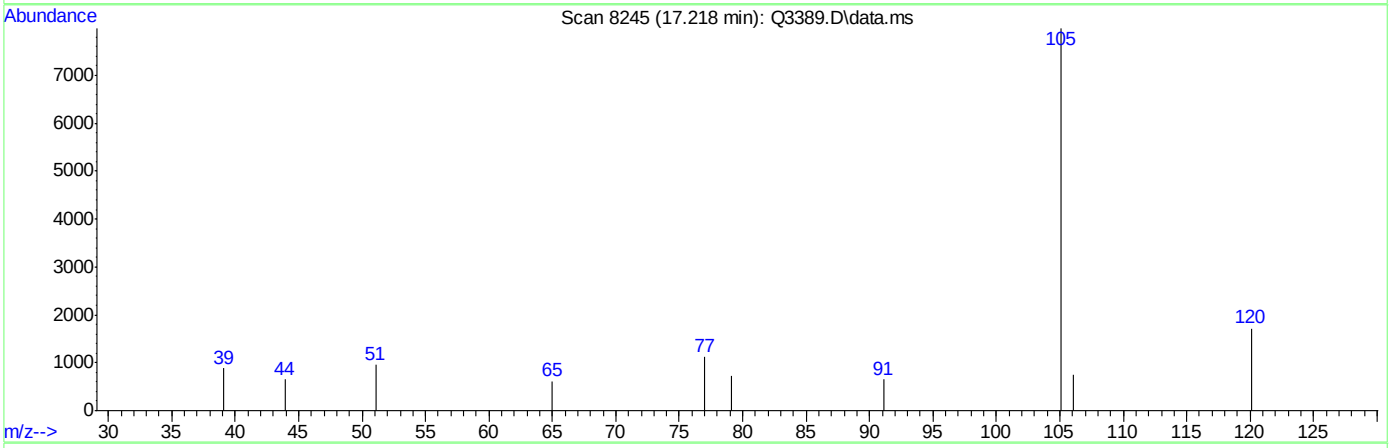
Ion	Exp%	Act%
105.00	100	100
120.00	30.20	40.09
119.00	2.30	7.57
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3389.D
Acq On    : 15 May 2007   6:37 pm
Operator  : PhilipB
Sample    : IC185-.2(M044)
Misc      : MS13535,MSQ185,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: May 15 19:00:24 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 18:28:40 2007
Response via : Initial Calibration
```



TIC: Q3389.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.218min (-0.005) 0.14PPBV m

response 9884

Ion	Exp%	Act%
105.00	100	100
120.00	30.20	45.34
119.00	2.30	8.56
0.00	0.00	0.00

ACCUTEST Laboratories M65607

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3390.D
Acq On : 15 May 2007 7:16 pm
Operator : PhilipB
Sample : IC185-40 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 15 19:45:44 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 19:01:44 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.429	128	94425	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.350	114	443847	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.701	117	420269	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.340	95	183630	5.30	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 106.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.595	85	2411405	33.93	PPBV	84
3) PROPYLENE	3.524	41	740306	33.53	PPBV	87
4) FREON 114	3.859	85	2314983	33.64	PPBV #	100
5) CHLOROMETHANE	3.762	50	947674	34.03	PPBV	95
6) VINYL CHLORIDE	3.984	62	798650	33.71	PPBV	72
7) 1,3-BUTADIENE	4.124	39	926261	41.86	PPBV #	100
8) BROMOMETHANE	4.401	94	708158	32.75	PPBV #	100
9) CHLOROETHANE	4.575	64	355314	35.12	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.393	101	2899853	40.08	PPBV #	100
11) ISOPROPYL ALCOHOL	5.453	45	1697334	37.83	PPBV	95
12) ACETONE	5.190	43	1613631	37.04	PPBV #	76
13) PENTANE	5.771	42	846475	42.92	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.072	96	768411	39.77	PPBV #	17
15) CARBON DISULFIDE	6.527	76	1967532	41.80	PPBV	67
16) ETHANOL	4.679	45	350355	30.39	PPBV #	100
17) BROMOETHENE	4.946	106	742966	33.62	PPBV #	100
18) METHYLENE CHLORIDE	6.199	84	639575	26.41	PPBV #	1
19) 3-CHLOROPROPENE	6.326	39	731614	44.28	PPBV #	1
20) FREON 113	6.475	151	1637624	40.67	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.187	96	795508	42.91	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.103	59	1421577	36.25	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.446	73	1827019	42.68	PPBV #	100
24) TETRAHYDROFURAN	8.956	42	1197571	43.49	PPBV #	100
25) HEXANE	8.463	57	1317396	44.71	PPBV #	100
26) VINYL ACETATE	7.540	43	1772507	40.39	PPBV	92
27) 1,1-DICHLOROETHANE	7.396	63	1492170	42.53	PPBV #	100
28) METHYL ETHYL KETONE	7.799	43	2295908	41.48	PPBV	86
29) cis-1,2-DICHLOROETHYLENE	8.255	96	604111	40.12	PPBV #	100
30) ETHYL ACETATE	8.470	43	4066374	47.30	PPBV	100
31) CHLOROFORM	8.559	83	1709975	39.62	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.555	97	1821365	42.32	PPBV	90
33) CARBON TETRACHLORIDE	10.163	117	2114241	45.65	PPBV	93
34) 1,2-DICHLOROETHANE	9.303	62	1455247	42.13	PPBV	100
36) BENZENE	10.018	78	1777208	38.98	PPBV	88
37) CYCLOHEXANE	10.289	84	635655	41.48	PPBV #	31
38) TRICHLOROETHYLENE	11.058	95	1195883	49.88	PPBV	90
39) 1,2-DICHLOROPROPANE	10.825	63	851675	38.76	PPBV #	64
40) BROMODICHLOROMETHANE	11.019	83	1816877	43.71	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.079	57	4840021	47.48	PPBV	95
42) 1,4-DIOXANE	11.045	88	400679	43.89	PPBV #	46
43) HEPTANE	11.329	43	1998678	46.88	PPBV #	76

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3390.D
Acq On : 15 May 2007 7:16 pm
Operator : PhilipB
Sample : IC185-40 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 15 19:45:44 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 19:01:44 2007
Response via : Initial Calibration

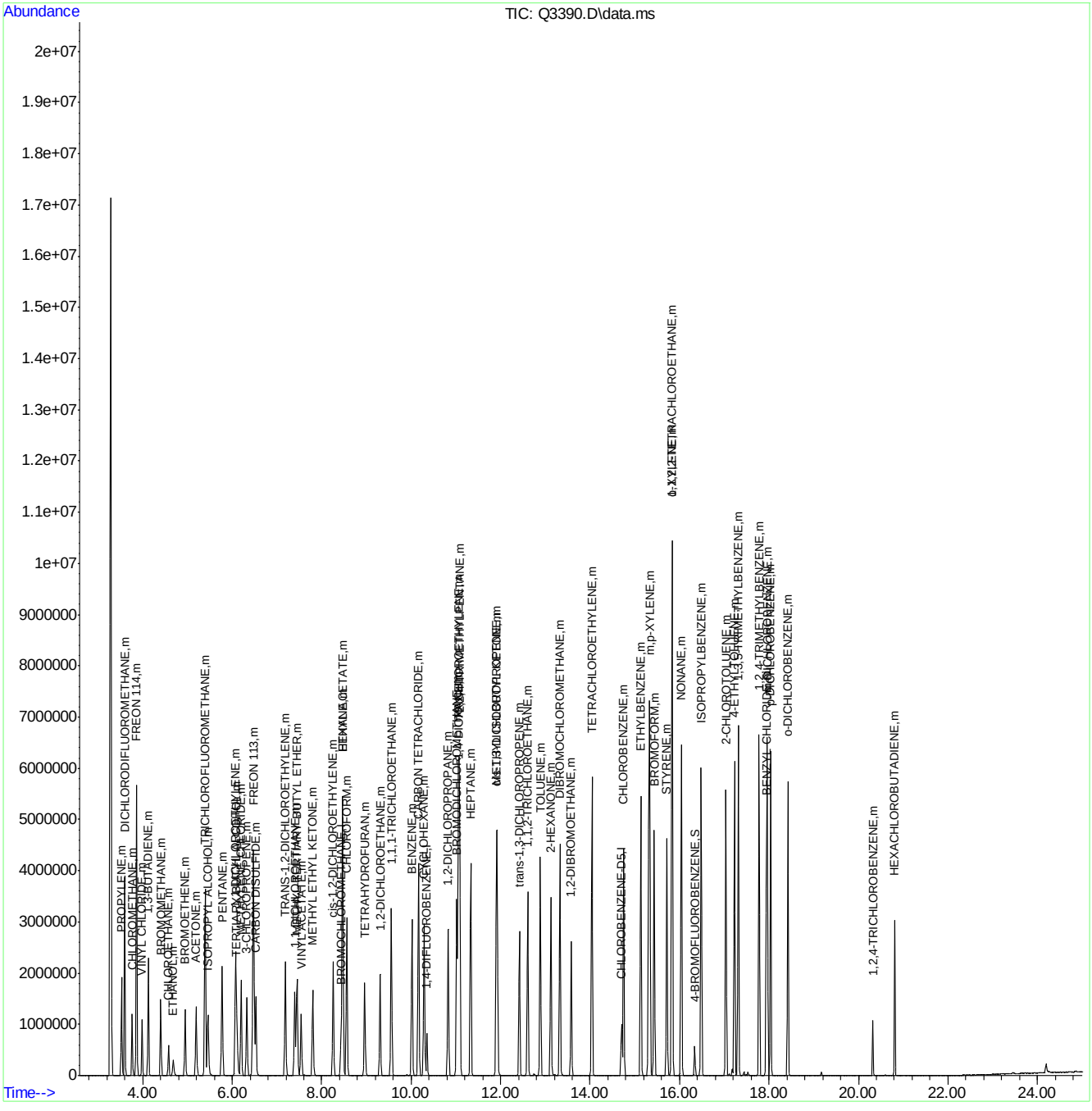
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.922	43	3109213	51.50	PPBV	93
45) cis-1,3-DICHLOROPROPENE	11.903	75	1374944	48.12	PPBV	98
46) TOLUENE	12.888	92	1399160	45.88	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.419	75	1198707	48.51	PPBV #	98
48) 1,1,2-TRICHLOROETHANE	12.605	83	787836	42.54	PPBV	94
50) 2-HEXANONE	13.122	43	2687731	44.14	PPBV	96
51) TETRACHLOROETHYLENE	14.039	164	932010	50.66	PPBV	89
52) DIBROMOCHLOROMETHANE	13.324	129	2036484	49.16	PPBV	98
53) 1,2-DIBROMOETHANE	13.578	107	1561798	42.51	PPBV	98
54) CHLOROBENZENE	14.748	112	1889176	41.31	PPBV	95
55) ETHYLBENZENE	15.133	91	3401967	43.21	PPBV	96
56) m,p-XYLENE	15.333	106	2906038	103.35	PPBV	94
57) o-XYLENE	15.834	106	1468856	50.82	PPBV	99
58) STYRENE	15.715	104	1789384	47.30	PPBV	98
59) NONANE	16.041	43	2789513	37.77	PPBV	87
60) BROMOFORM	15.431	173	1871499	55.17	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.828	83	2236401	39.85	PPBV	94
63) ISOPROPYLBENZENE	16.485	105	3699288	43.21	PPBV	96
64) 2-CHLOROTOLUENE	17.037	91	2677198	39.09	PPBV	98
65) 4-ETHYLTOLUENE	17.229	105	3436031	44.31	PPBV	96
66) 1,3,5-TRIMETHYLBENZENE	17.312	105	3303878	43.52	PPBV	96
67) 1,2,4-TRIMETHYLBENZENE	17.779	105	3192688	43.27	PPBV	96
68) m-DICHLOROBENZENE	17.962	146	2141667	49.14	PPBV	99
69) BENZYL CHLORIDE	17.939	91	2313797	42.19	PPBV	97
70) p-DICHLOROBENZENE	18.036	146	2013045	50.33	PPBV	98
71) o-DICHLOROBENZENE	18.421	146	1814780	44.00	PPBV	97
72) HEXACHLOROBUTADIENE	20.810	225	347083	17.75	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.320	180	206547	25.38	PPBV	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3390.D
Acq On : 15 May 2007 7:16 pm
Operator : PhilipB
Sample : IC185-40 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 15 19:45:44 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 19:01:44 2007
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/16/07 18:03

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3391.D
Acq On : 15 May 2007 7:56 pm
Operator : PhilipB
Sample : IC185-5 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 08:01:48 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 19:46:25 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.422	128	105565	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.344	114	443500	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	403673	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.332	95	179007	5.38	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 107.60%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	3.593	85	417279	5.43	PPBV		83
3) PROPYLENE	3.520	41	155790	6.37	PPBV		82
4) FREON 114	3.857	85	436403	5.83	PPBV	#	100
5) CHLOROMETHANE	3.758	50	198625	6.47	PPBV		95
6) VINYL CHLORIDE	3.980	62	161849	6.22	PPBV		72
7) 1,3-BUTADIENE	4.120	39	163032	6.46	PPBV	#	100
8) BROMOMETHANE	4.401	94	138786	5.89	PPBV	#	100
9) CHLOROETHANE	4.573	64	71282	6.37	PPBV	#	100
10) TRICHLOROFLUOROMETHANE	5.389	101	466165	5.79	PPBV	#	100
11) ISOPROPYL ALCOHOL	5.442	45	292436	5.62	PPBV		93
12) ACETONE	5.189	43	272040	5.44	PPBV	#	73
13) PENTANE	5.764	42	150815	6.57	PPBV	#	100
14) 1,1-DICHLOROETHYLENE	6.069	96	125357	5.81	PPBV	#	15
15) CARBON DISULFIDE	6.521	76	310042	5.89	PPBV		70
16) ETHANOL	4.670	45	61718	4.69	PPBV	#	100
17) BROMOETHENE	4.942	106	138450	5.75	PPBV	#	100
18) METHYLENE CHLORIDE	6.193	84	109888	4.06	PPBV	#	1
19) 3-CHLOROPROPENE	6.323	39	113847	5.97	PPBV	#	1
20) FREON 113	6.468	151	242611	5.46	PPBV	#	100
21) TRANS-1,2-DICHLOROETHY...	7.180	96	117369	5.68	PPBV	#	100
22) TERTIARY BUTYL ALCOHOL	6.092	59	287405	6.37	PPBV	#	100
23) METHYL TERTIARY BUTYL ...	7.444	73	262372	5.48	PPBV	#	100
24) TETRAHYDROFURAN	8.958	42	160525	4.96	PPBV	#	100
25) HEXANE	8.458	57	166505	4.79	PPBV	#	100
26) VINYL ACETATE	7.533	43	251948	5.00	PPBV		90
27) 1,1-DICHLOROETHANE	7.391	63	226846	5.71	PPBV	#	100
28) METHYL ETHYL KETONE	7.794	43	304007	4.69	PPBV		89
29) cis-1,2-DICHLOROETHYLENE	8.246	96	84711	5.01	PPBV	#	100
30) ETHYL ACETATE	8.461	43	500911	4.86	PPBV		100
31) CHLOROFORM	8.554	83	207382	4.25	PPBV	#	100
32) 1,1,1-TRICHLOROETHANE	9.551	97	202725	4.23	PPBV		87
33) CARBON TETRACHLORIDE	10.158	117	231158	4.51	PPBV		93
34) 1,2-DICHLOROETHANE	9.295	62	162310	4.18	PPBV		99
36) BENZENE	10.011	78	261470	5.69	PPBV		91
37) CYCLOHEXANE	10.286	84	76218	4.97	PPBV	#	21
38) TRICHLOROETHYLENE	11.051	95	121441	5.00	PPBV	#	80
39) 1,2-DICHLOROPROPANE	10.820	63	115434	5.21	PPBV	#	60
40) BROMODICHLOROMETHANE	11.010	83	215204	5.21	PPBV		99
41) 2,2,4-TRIMETHYLPENTANE	11.074	57	563020	5.30	PPBV		93
42) 1,4-DIOXANE	11.044	88	41040	4.44	PPBV	#	11
43) HEPTANE	11.326	43	260811	5.86	PPBV	#	72

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3391.D
Acq On : 15 May 2007 7:56 pm
Operator : PhilipB
Sample : IC185-5 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 08:01:48 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 19:46:25 2007
Response via : Initial Calibration

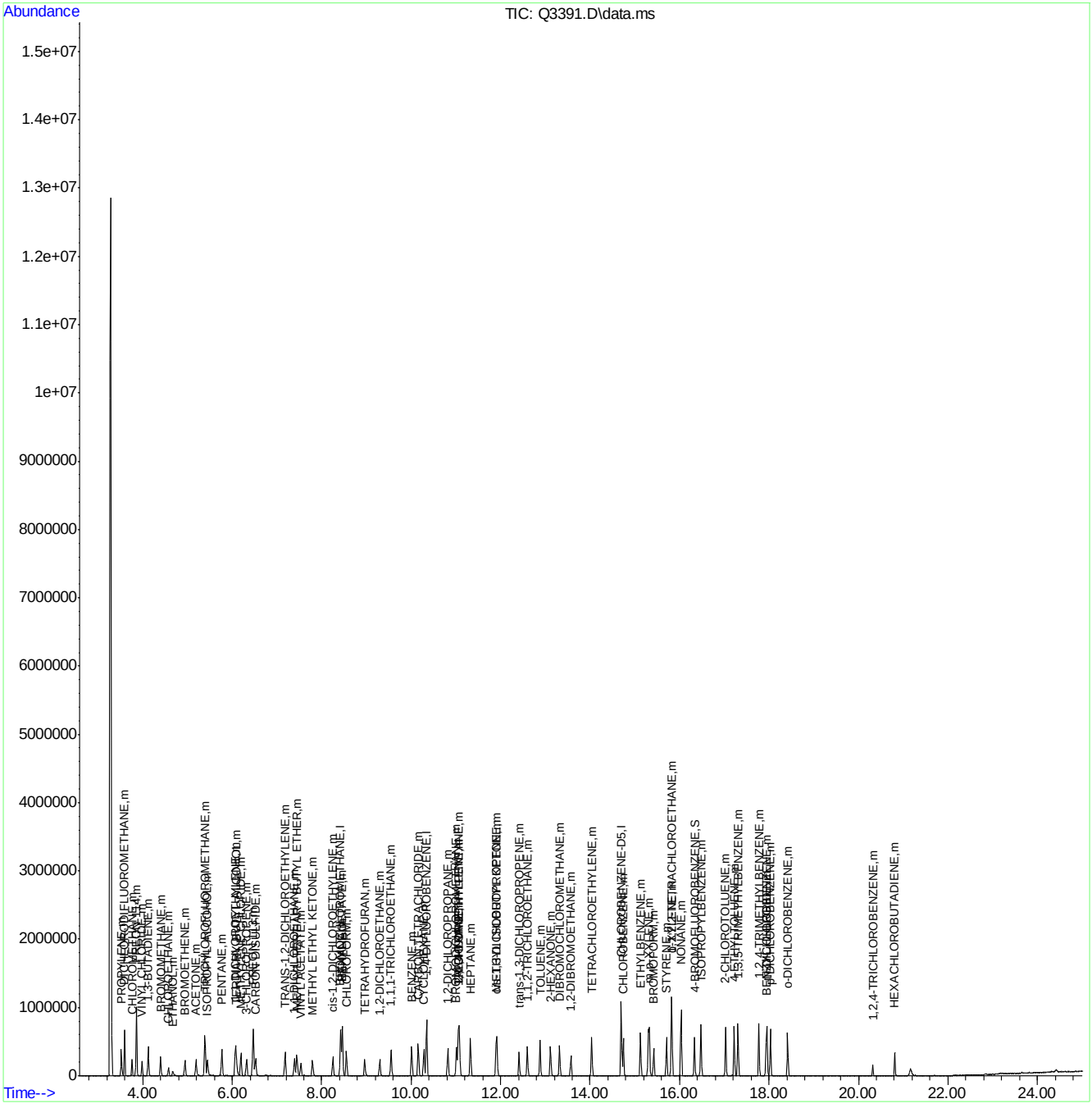
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.917	43	382617	5.97	PPBV	89
45) cis-1,3-DICHLOROPROPENE	11.894	75	151890	5.24	PPBV	86
46) TOLUENE	12.880	92	153998	5.05	PPBV	94
47) trans-1,3-DICHLOROPROPENE	12.410	75	132398	5.38	PPBV #	99
48) 1,1,2-TRICHLOROETHANE	12.600	83	95703	5.13	PPBV	90
50) 2-HEXANONE	13.113	43	326285	5.36	PPBV	92
51) TETRACHLOROETHYLENE	14.036	164	73763	4.31	PPBV #	80
52) DIBROMOCHLOROMETHANE	13.317	129	181085	4.62	PPBV	99
53) 1,2-DIBROMOETHANE	13.571	107	168313	4.84	PPBV	96
54) CHLOROBENZENE	14.739	112	202194	4.70	PPBV	85
55) ETHYLBENZENE	15.126	91	374139	4.99	PPBV	93
56) m,p-XYLENE	15.323	106	266549m	9.78	PPBV	
57) o-XYLENE	15.828	106	141013	5.06	PPBV #	88
58) STYRENE	15.708	104	192335	5.40	PPBV	99
59) NONANE	16.031	43	450068	6.23	PPBV	80
60) BROMOFORM	15.424	173	136689	4.30	PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.819	83	270949	4.98	PPBV	95
63) ISOPROPYLBENZENE	16.476	105	418825	5.21	PPBV	96
64) 2-CHLOROTOLUENE	17.032	91	327887	5.12	PPBV	92
65) 4-ETHYLTOLUENE	17.222	105	372931	5.13	PPBV	93
66) 1,3,5-TRIMETHYLBENZENE	17.307	105	344155	4.81	PPBV	95
67) 1,2,4-TRIMETHYLBENZENE	17.773	105	331358	4.79	PPBV	93
68) m-DICHLOROBENZENE	17.954	146	189003	4.62	PPBV	95
69) BENZYL CHLORIDE	17.933	91	246683	4.82	PPBV	92
70) p-DICHLOROBENZENE	18.031	146	176842	4.74	PPBV	95
71) o-DICHLOROBENZENE	18.416	146	163377	4.20	PPBV	93
72) HEXACHLOROBUTADIENE	20.808	225	31923	1.68	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.319	180	26854	3.44	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3391.D
Acq On : 15 May 2007 7:56 pm
Operator : PhilipB
Sample : IC185-5 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

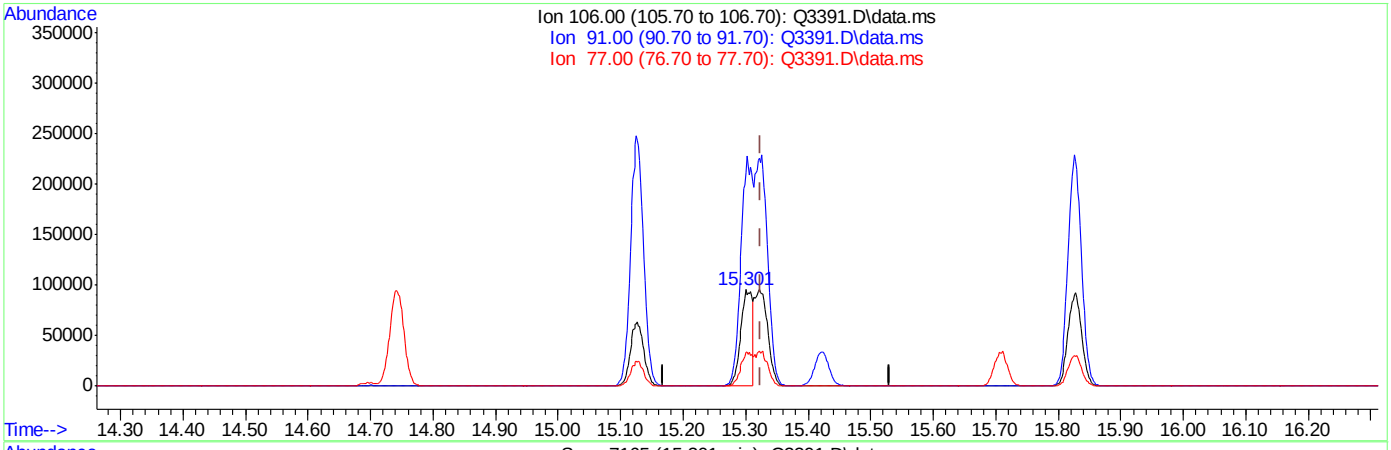
Quant Time: May 16 08:01:48 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 19:46:25 2007
Response via : Initial Calibration

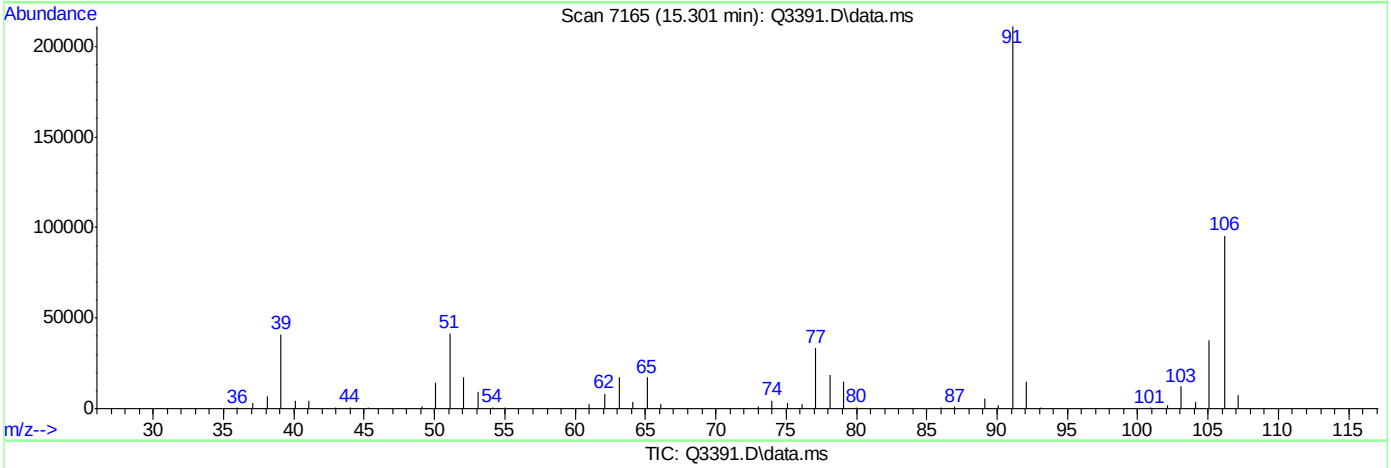


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3391.D
Acq On : 15 May 2007 7:56 pm
Operator : PhilipB
Sample : IC185-5 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 08:01:05 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 19:46:25 2007
Response via : Initial Calibration





TIC: Q3391.D\data.ms

(56) m,p-XYLENE (m)

15.301min (-0.023) 4.62PPBV

response 125770

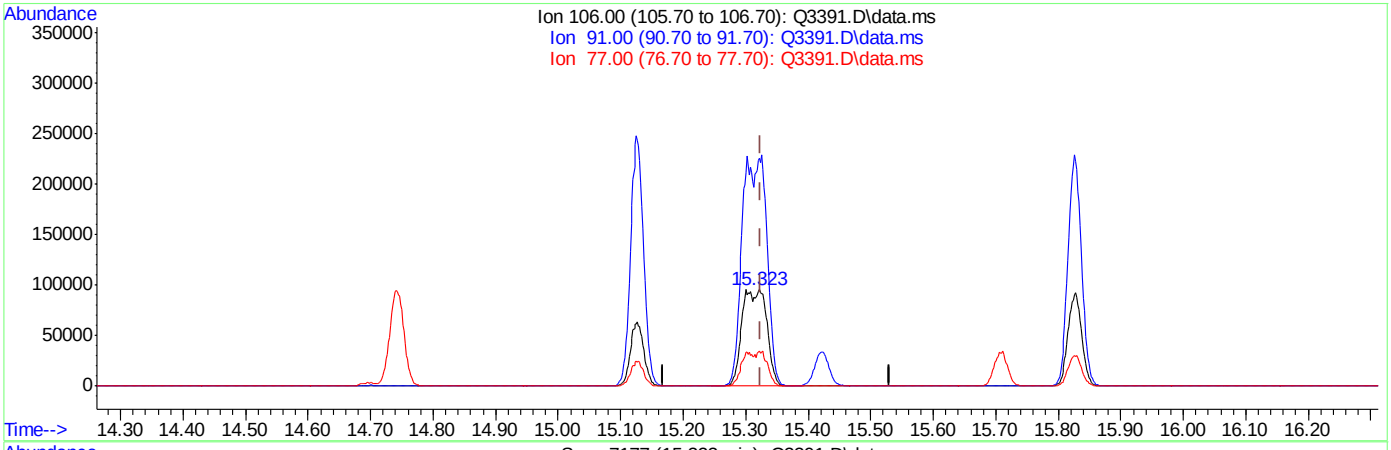
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	221.07
77.00	30.60	35.07
0.00	0.00	0.00

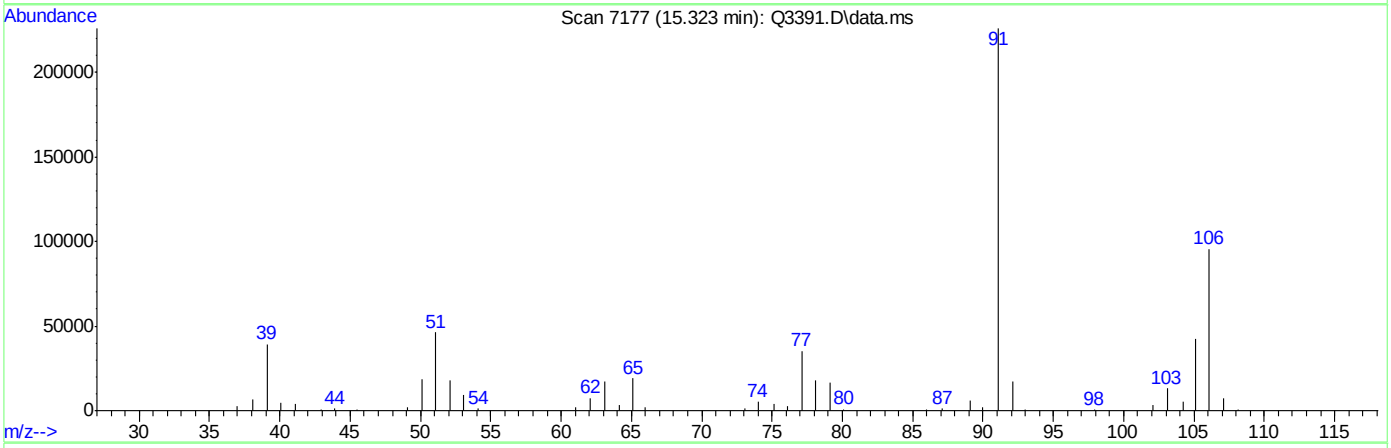
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3391.D
Acq On : 15 May 2007 7:56 pm
Operator : PhilipB
Sample : IC185-5 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 08:01:05 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue May 15 19:46:25 2007
Response via : Initial Calibration





TIC: Q3391.D\data.ms

(56) m,p-XYLENE (m)

15.323min (-0.002) 9.78PPBV m

response 266549

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	236.56
77.00	30.60	36.96#
0.00	0.00	0.00

ACCUTEST Laboratories M65607

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/16/07 18:03

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3392.D
Acq On : 16 May 2007 8:18 am
Operator : PhilipB
Sample : IC185-20 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 09:04:27 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 08:02:06 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.415	128	107237	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.341	114	441646	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	414256	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.334	95	201265	5.83	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 116.60%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.577	85	1436332	18.18	PPBV	82
3) PROPYLENE	3.506	41	554925	21.48	PPBV	85
4) FREON 114	3.841	85	1535185	19.73	PPBV #	100
5) CHLOROMETHANE	3.744	50	688131	21.17	PPBV	95
6) VINYL CHLORIDE	3.966	62	557047	20.35	PPBV	72
7) 1,3-BUTADIENE	4.102	39	603210	22.60	PPBV #	100
8) BROMOMETHANE	4.383	94	452752	18.45	PPBV #	100
9) CHLOROETHANE	4.559	64	232822	19.71	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.373	101	1547915	18.52	PPBV #	100
11) ISOPROPYL ALCOHOL	5.430	45	1082659	20.13	PPBV	93
12) ACETONE	5.171	43	1033440	20.08	PPBV #	75
13) PENTANE	5.753	42	569841	23.37	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.056	96	420238	18.75	PPBV #	12
15) CARBON DISULFIDE	6.509	76	1082467	19.73	PPBV	66
16) ETHANOL	4.656	45	229546	17.32	PPBV #	100
17) BROMOETHENE	4.926	106	440424	17.64	PPBV #	100
18) METHYLENE CHLORIDE	6.181	84	366419	13.68	PPBV #	1
19) 3-CHLOROPROPENE	6.308	39	424642	21.34	PPBV #	1
20) FREON 113	6.454	151	818554	17.89	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.169	96	419748	19.61	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.079	59	1021563	21.44	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.432	73	947845	19.21	PPBV #	100
24) TETRAHYDROFURAN	8.948	42	605403	18.45	PPBV #	100
25) HEXANE	8.449	57	607423	17.31	PPBV #	100
26) VINYL ACETATE	7.526	43	965174	18.85	PPBV	90
27) 1,1-DICHLOROETHANE	7.382	63	800129	19.43	PPBV #	100
28) METHYL ETHYL KETONE	7.781	43	1111760	17.04	PPBV	89
29) cis-1,2-DICHLOROETHYLENE	8.241	96	324636	18.90	PPBV #	100
30) ETHYL ACETATE	8.456	43	1883905	18.06	PPBV	100
31) CHLOROFORM	8.546	83	779451	16.06	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.546	97	764952	16.08	PPBV #	87
33) CARBON TETRACHLORIDE	10.154	117	853635	16.62	PPBV	93
34) 1,2-DICHLOROETHANE	9.292	62	611675	15.89	PPBV	100
36) BENZENE	10.009	78	834834	17.90	PPBV	87
37) CYCLOHEXANE	10.280	84	292236	19.14	PPBV #	25
38) TRICHLOROETHYLENE	11.049	95	486909	20.14	PPBV #	81
39) 1,2-DICHLOROPROPANE	10.818	63	429562	19.37	PPBV #	59
40) BROMODICHLOROMETHANE	11.008	83	815748	19.73	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.072	57	2191893	20.54	PPBV #	91
42) 1,4-DIOXANE	11.036	88	168360	18.58	PPBV #	31
43) HEPTANE	11.322	43	995216	21.91	PPBV #	72

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3392.D
Acq On : 16 May 2007 8:18 am
Operator : PhilipB
Sample : IC185-20 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 09:04:27 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 08:02:06 2007
Response via : Initial Calibration

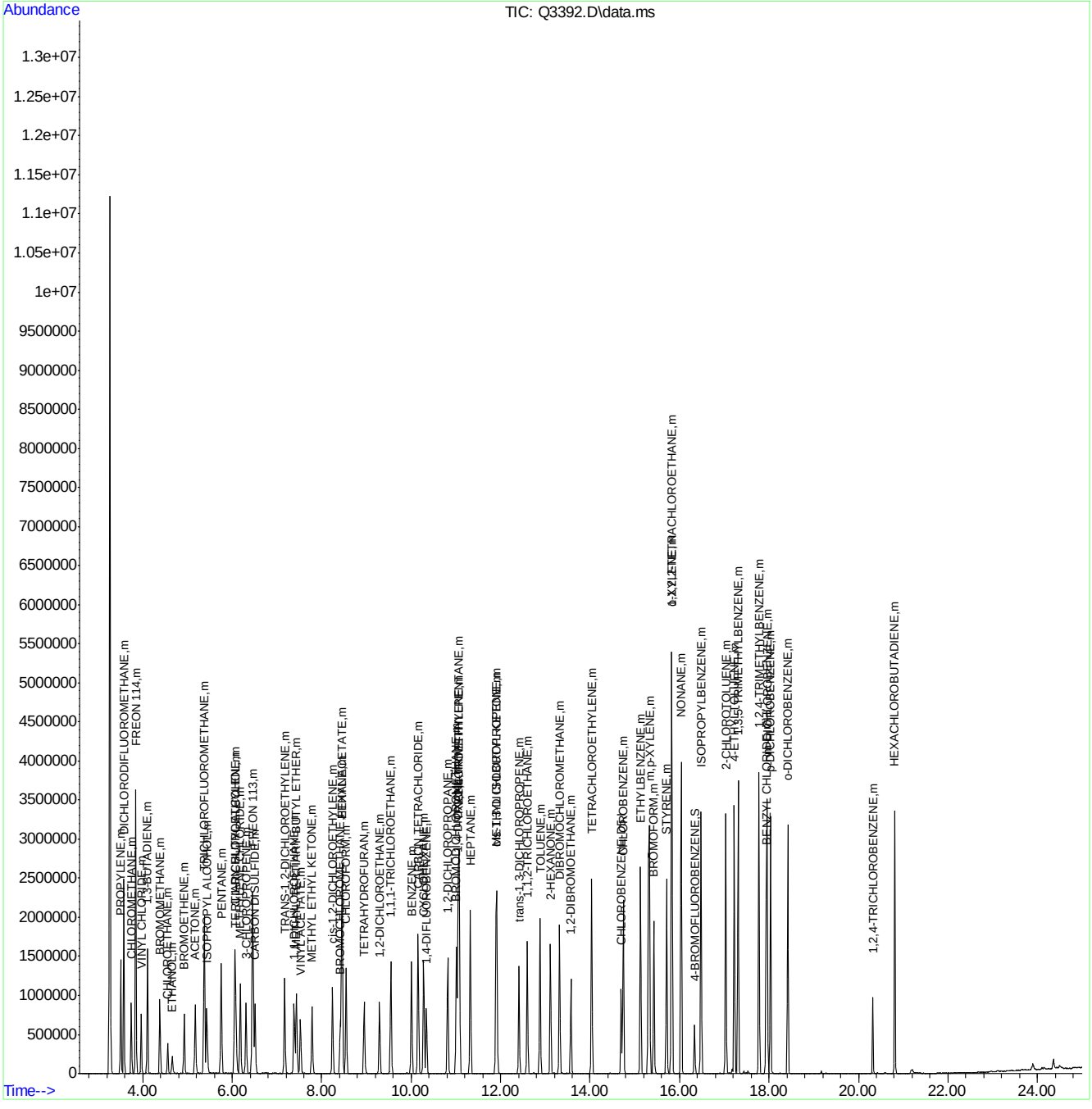
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.913	43	1477731	22.54	PPBV	90
45) cis-1,3-DICHLOROPROPENE	11.895	75	607507	20.92	PPBV	89
46) TOLUENE	12.879	92	620502	20.39	PPBV	97
47) trans-1,3-DICHLOROPROPENE	12.410	75	523645	21.13	PPBV #	99
48) 1,1,2-TRICHLOROETHANE	12.596	83	365223	19.57	PPBV	90
50) 2-HEXANONE	13.113	43	1268031	20.08	PPBV	93
51) TETRACHLOROETHYLENE	14.038	164	324222	18.83	PPBV #	79
52) DIBROMOCHLOROMETHANE	13.317	129	773932	19.46	PPBV	98
53) 1,2-DIBROMOETHANE	13.571	107	680083	19.14	PPBV	98
54) CHLOROBENZENE	14.742	112	822359	18.79	PPBV	88
55) ETHYLBENZENE	15.129	91	1568065	20.39	PPBV	94
56) m,p-XYLENE	15.326	106	1189897m	42.69	PPBV	
57) o-XYLENE	15.828	106	664109	23.18	PPBV	91
58) STYRENE	15.711	104	864188	23.38	PPBV	97
59) NONANE	16.034	43	1804990	23.53	PPBV	82
60) BROMOFORM	15.425	173	660503	20.65	PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.821	83	1260074	22.59	PPBV	94
63) ISOPROPYLBENZENE	16.481	105	1867896	22.51	PPBV	96
64) 2-CHLOROTOLUENE	17.032	91	1484704	22.53	PPBV	92
65) 4-ETHYLTOLUENE	17.221	105	1725524	23.04	PPBV	93
66) 1,3,5-TRIMETHYLBENZENE	17.308	105	1634007	22.38	PPBV	94
67) 1,2,4-TRIMETHYLBENZENE	17.773	105	1621845	22.97	PPBV	94
68) m-DICHLOROBENZENE	17.958	146	917319	22.07	PPBV	95
69) BENZYL CHLORIDE	17.935	91	1206235	23.08	PPBV	93
70) p-DICHLOROBENZENE	18.033	146	851228	22.38	PPBV	94
71) o-DICHLOROBENZENE	18.419	146	819782	21.00	PPBV	93
72) HEXACHLOROBUTADIENE	20.812	225	279622	15.82	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.320	180	159074	20.81	PPBV	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3392.D
Acq On : 16 May 2007 8:18 am
Operator : PhilipB
Sample : IC185-20 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 09:04:27 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 08:02:06 2007
Response via : Initial Calibration

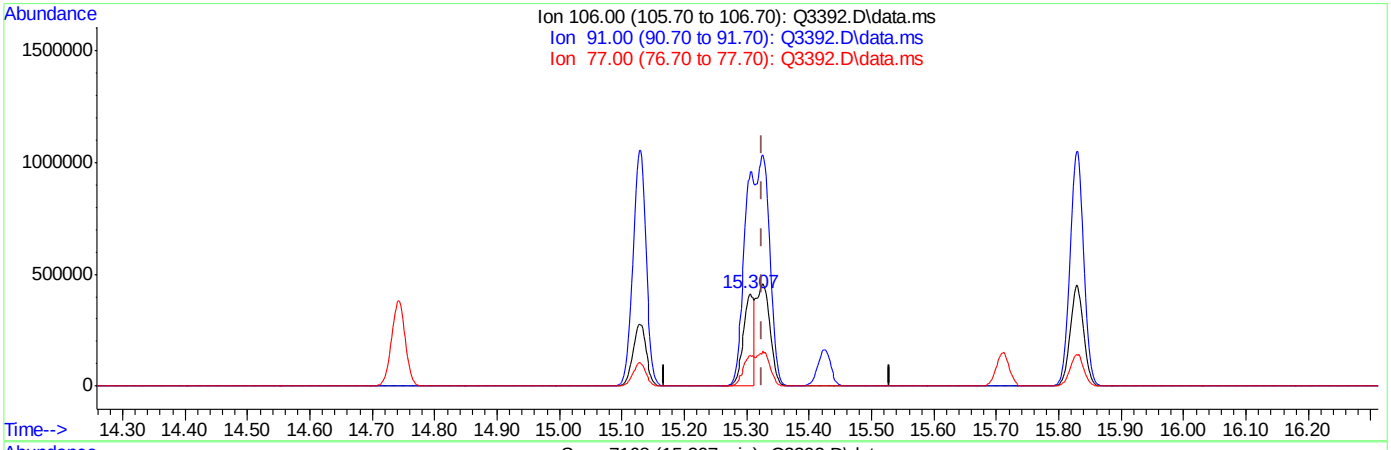


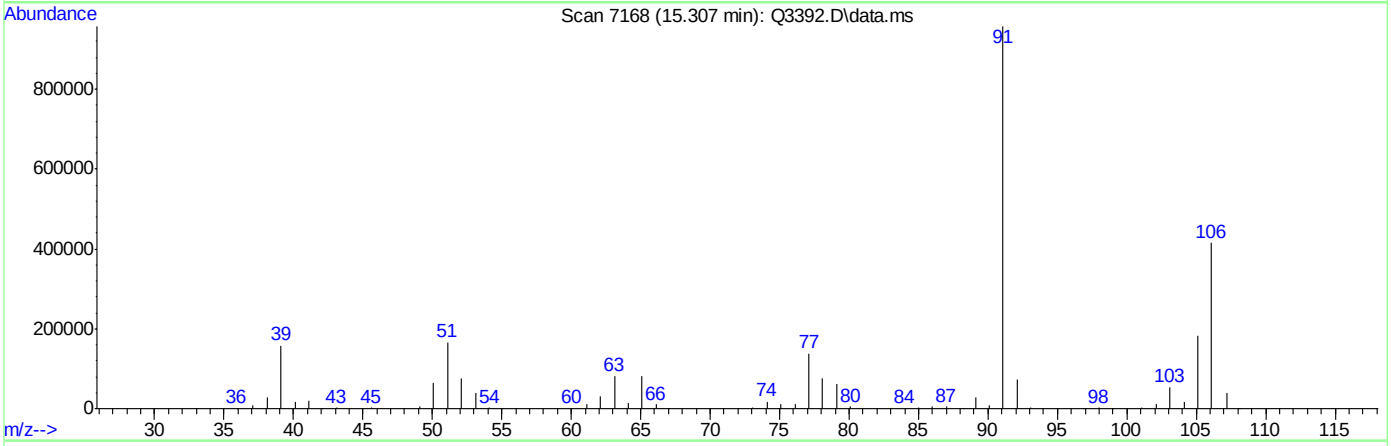
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3392.D
Acq On : 16 May 2007 8:18 am
Operator : PhilipB
Sample : IC185-20 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 09:03:55 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 08:02:06 2007
Response via : Initial Calibration





TIC: Q3392.D\data.ms

(56) m,p-XYLENE (m)

15.307min (-0.018) 17.51PPBV

response 488119

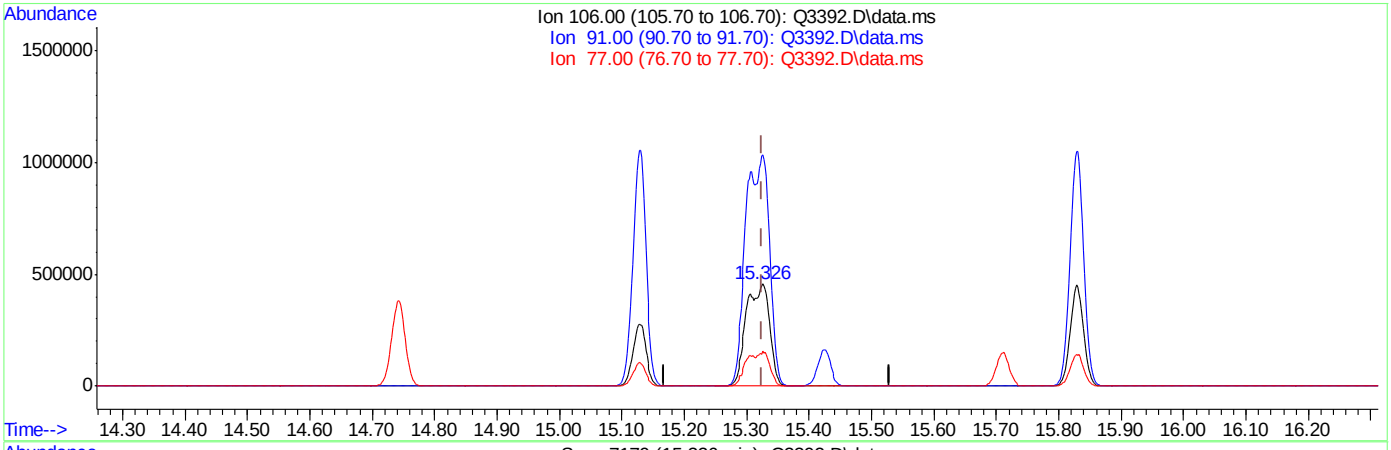
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	231.04
77.00	30.60	33.24
0.00	0.00	0.00

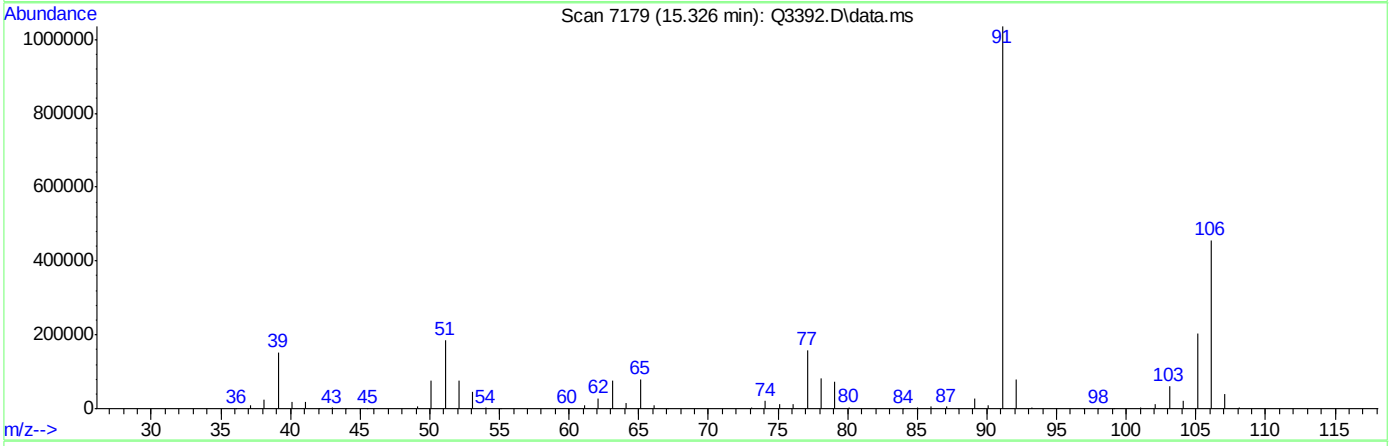
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3392.D
Acq On    : 16 May 2007   8:18 am
Operator  : PhilipB
Sample    : IC185-20 (M060)
Misc      : MS13535,MSQ185,,,,,1
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: May 16 09:03:55 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 08:02:06 2007
Response via : Initial Calibration
```



TIC: Q3392.D\data.ms

(56) m,p-XYLENE (m)

15.326min (+0.002) 42.69PPBV m

response 1189897

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	226.90
77.00	30.60	34.71
0.00	0.00	0.00

ACCUTEST Laboratories M65607

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/16/07 18:03

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3393.D
Acq On : 16 May 2007 9:18 am
Operator : PhilipB
Sample : ICC185-10 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 09:49:12 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 09:04:38 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.419	128	94874	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.344	114	466297	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	426455	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.332	95	189371	5.18	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 103.60%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	3.589	85	810762	11.48	PPBV		84
3) PROPYLENE	3.517	41	295176	12.23	PPBV		82
4) FREON 114	3.854	85	851548	12.07	PPBV	#	100
5) CHLOROMETHANE	3.754	50	377109	12.48	PPBV		91
6) VINYL CHLORIDE	3.980	62	310528	12.37	PPBV		72
7) 1,3-BUTADIENE	4.117	39	301574	11.94	PPBV	#	100
8) BROMOMETHANE	4.395	94	269986	12.25	PPBV	#	100
9) CHLOROETHANE	4.573	64	135348	12.52	PPBV	#	100
10) TRICHLOROFLUOROMETHANE	5.387	101	889181	11.83	PPBV	#	100
11) ISOPROPYL ALCOHOL	5.437	45	515822	10.18	PPBV		93
12) ACETONE	5.185	43	492004	10.16	PPBV	#	72
13) PENTANE	5.767	42	257521	11.06	PPBV	#	100
14) 1,1-DICHLOROETHYLENE	6.063	96	240485	11.94	PPBV	#	21
15) CARBON DISULFIDE	6.520	76	578247	11.67	PPBV		69
16) ETHANOL	4.667	45	113669	9.16	PPBV	#	100
17) BROMOETHENE	4.940	106	273712	12.33	PPBV	#	100
18) METHYLENE CHLORIDE	6.189	84	210836	8.76	PPBV	#	1
19) 3-CHLOROPROPENE	6.317	39	199362	10.78	PPBV	#	1
20) FREON 113	6.468	151	469643	11.58	PPBV	#	100
21) TRANS-1,2-DICHLOROETHY...	7.178	96	223719	11.65	PPBV	#	100
22) TERTIARY BUTYL ALCOHOL	6.085	59	514243	11.72	PPBV	#	100
23) METHYL TERTIARY BUTYL ...	7.441	73	498601	11.27	PPBV	#	100
24) TETRAHYDROFURAN	8.956	42	269767	9.24	PPBV	#	100
25) HEXANE	8.458	57	261436	8.39	PPBV	#	100
26) VINYL ACETATE	7.533	43	464736	9.91	PPBV		90
27) 1,1-DICHLOROETHANE	7.389	63	423017	11.31	PPBV	#	100
28) METHYL ETHYL KETONE	7.790	43	549427	9.42	PPBV		84
29) cis-1,2-DICHLOROETHYLENE	8.248	96	127948	8.57	PPBV	#	100
30) ETHYL ACETATE	8.461	43	853115	9.07	PPBV		100
31) CHLOROFORM	8.552	83	383965	9.11	PPBV	#	100
32) 1,1,1-TRICHLOROETHANE	9.547	97	415453	10.20	PPBV		88
33) CARBON TETRACHLORIDE	10.160	117	463105	10.53	PPBV		94
34) 1,2-DICHLOROETHANE	9.295	62	346170	10.44	PPBV		100
36) BENZENE	10.011	78	387202	8.04	PPBV		88
37) CYCLOHEXANE	10.284	84	137637	8.81	PPBV	#	30
38) TRICHLOROETHYLENE	11.047	95	224384	8.95	PPBV	#	84
39) 1,2-DICHLOROPROPANE	10.818	63	194273	8.43	PPBV	#	64
40) BROMODICHLOROMETHANE	11.010	83	403441	9.41	PPBV		98
41) 2,2,4-TRIMETHYLPENTANE	11.072	57	949564	8.46	PPBV	#	93
42) 1,4-DIOXANE	11.042	88	74114	7.92	PPBV	#	24
43) HEPTANE	11.324	43	434760	9.02	PPBV	#	73

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3393.D
Acq On : 16 May 2007 9:18 am
Operator : PhilipB
Sample : ICC185-10 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 09:49:12 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 09:04:38 2007
Response via : Initial Calibration

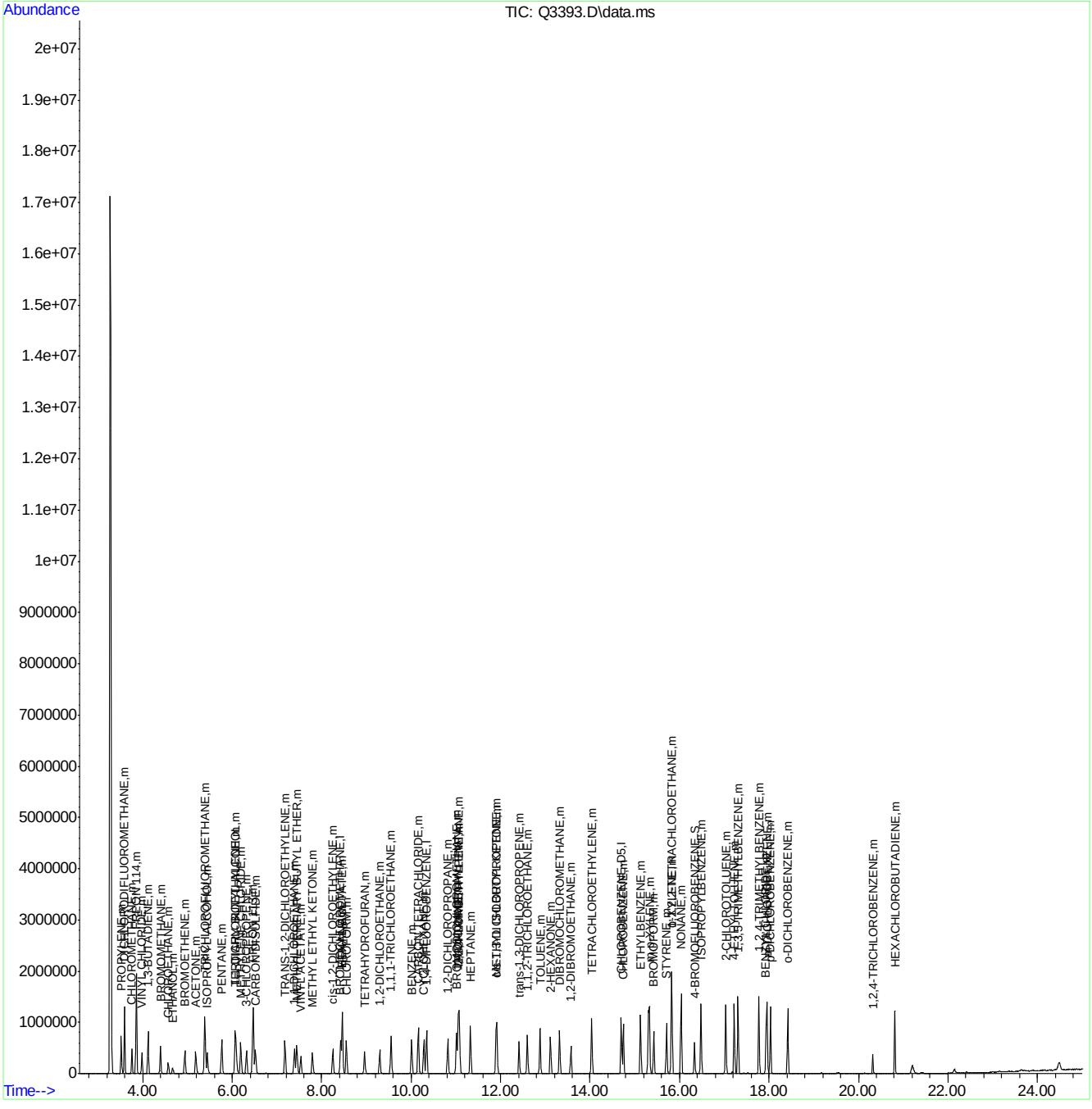
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) METHYL ISOBUTYL KETONE	11.915	43	635523	9.08	PPBV		90
45) cis-1,3-DICHLOROPROPENE	11.897	75	276127	9.18	PPBV		89
46) TOLUENE	12.882	92	273951	8.74	PPBV		96
47) trans-1,3-DICHLOROPROPENE	12.412	75	246606	9.68	PPBV	#	98
48) 1,1,2-TRICHLOROETHANE	12.598	83	158102	8.18	PPBV		93
50) 2-HEXANONE	13.113	43	551226	8.55	PPBV		93
51) TETRACHLOROETHYLENE	14.036	164	150861	8.94	PPBV	#	79
52) DIBROMOCHLOROMETHANE	13.317	129	365759	9.24	PPBV		98
53) 1,2-DIBROMOETHANE	13.569	107	304381	8.62	PPBV		98
54) CHLOROBENZENE	14.740	112	368849	8.49	PPBV		88
55) ETHYLBENZENE	15.125	91	686149	8.91	PPBV		94
56) m,p-XYLENE	15.326	106	483204m	17.14	PPBV		
57) o-XYLENE	15.826	106	244755	8.34	PPBV	#	85
58) STYRENE	15.709	104	338883	9.10	PPBV		97
59) NONANE	16.034	43	678108	8.47	PPBV		81
60) BROMOFORM	15.422	173	291988	9.14	PPBV		99
62) 1,1,2,2-TETRACHLOROETHANE	15.818	83	428343	7.39	PPBV		94
63) ISOPROPYLBENZENE	16.478	105	748277	8.81	PPBV		94
64) 2-CHLOROTOLUENE	17.032	91	606816	9.01	PPBV		90
65) 4-ETHYLTOLUENE	17.223	105	679850	8.88	PPBV		92
66) 1,3,5-TRIMETHYLBENZENE	17.307	105	652817	8.71	PPBV		92
67) 1,2,4-TRIMETHYLBENZENE	17.773	105	667337	9.22	PPBV		92
68) m-DICHLOROBENZENE	17.956	146	376926	8.93	PPBV		95
69) BENZYL CHLORIDE	17.935	91	495882	9.39	PPBV		92
70) p-DICHLOROBENZENE	18.031	146	363394	9.46	PPBV		95
71) o-DICHLOROBENZENE	18.418	146	351443	8.83	PPBV		94
72) HEXACHLOROBUTADIENE	20.812	225	109280	5.97	PPBV		96
73) 1,2,4-TRICHLOROBENZENE	20.320	180	58694	7.40	PPBV		93

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3393.D
Acq On : 16 May 2007 9:18 am
Operator : PhilipB
Sample : ICC185-10 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

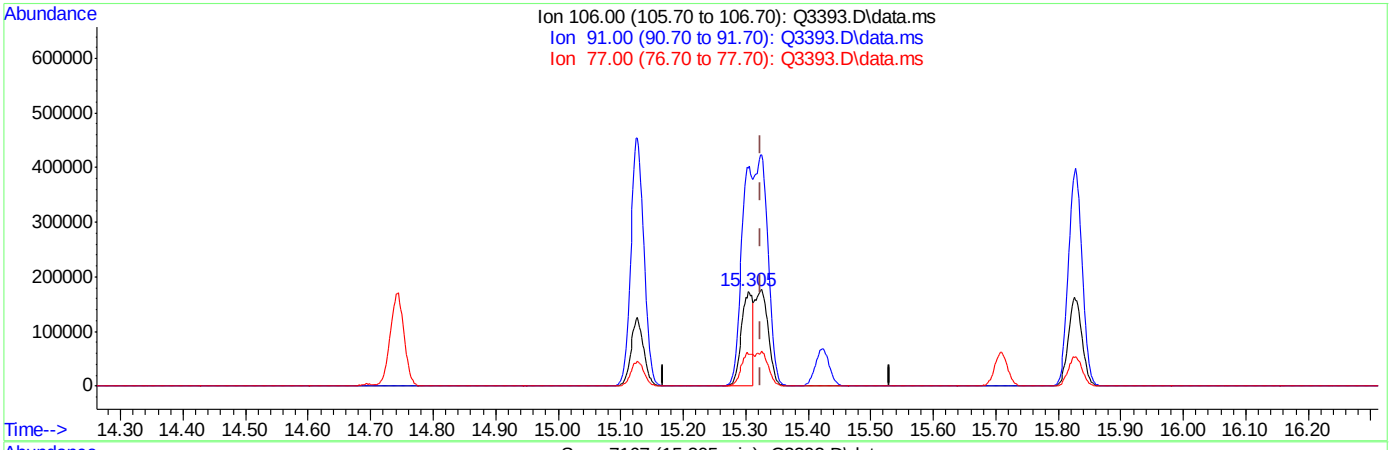
Quant Time: May 16 09:49:12 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 09:04:38 2007
Response via : Initial Calibration

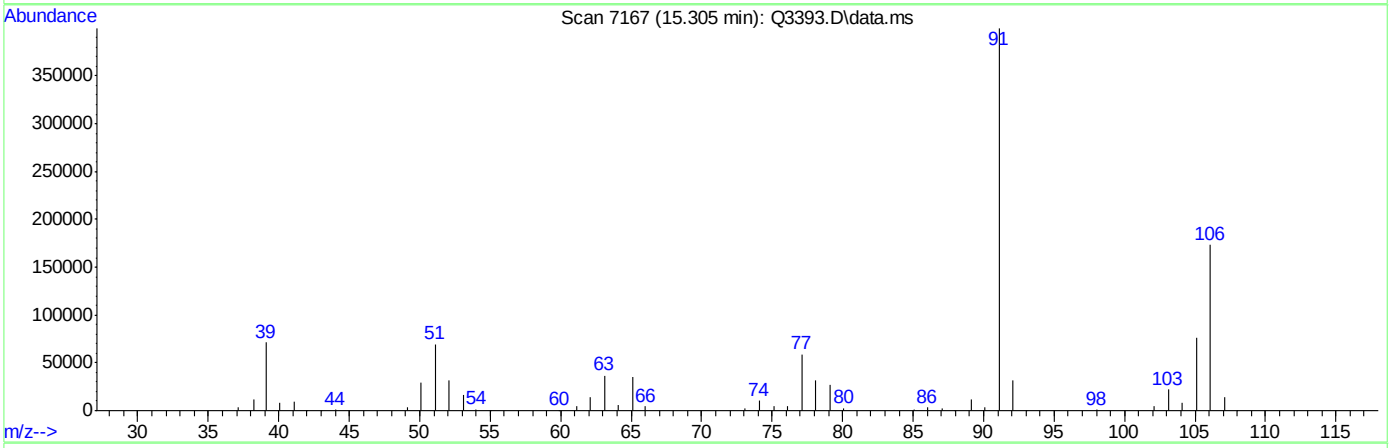


Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3393.D
Acq On    : 16 May 2007   9:18 am
Operator  : PhilipB
Sample    : ICC185-10 (M060)
Misc      : MS13535,MSQ185,,,,,1
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: May 16 09:48:43 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 09:04:38 2007
Response via : Initial Calibration
```



TIC: Q3393.D\data.ms

(56) m,p-XYLENE (m)

15.305min (-0.020) 7.78PPBV

response 219256

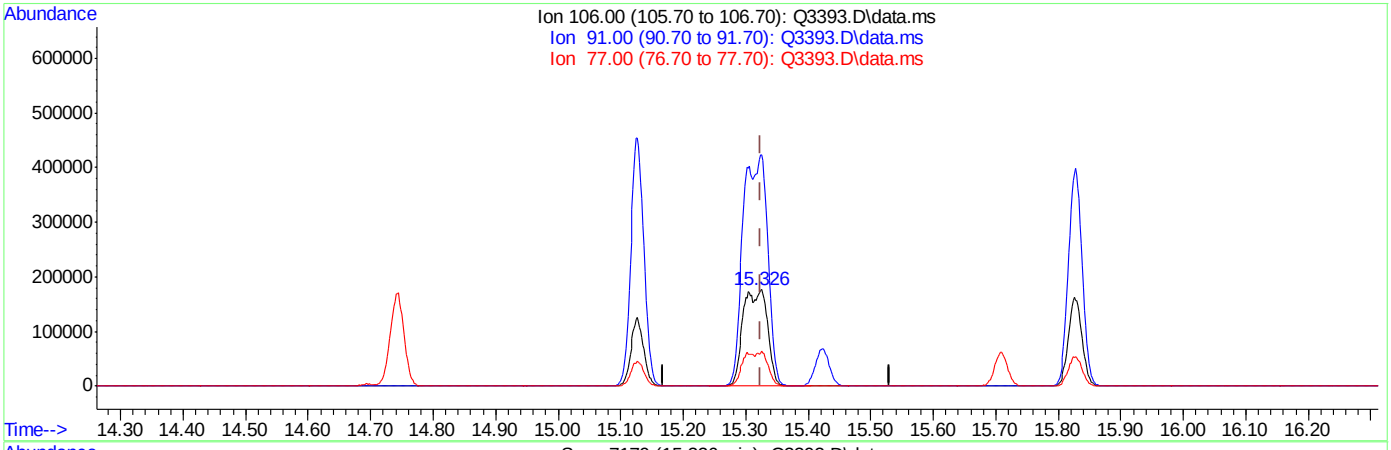
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	230.78
77.00	30.60	33.97
0.00	0.00	0.00

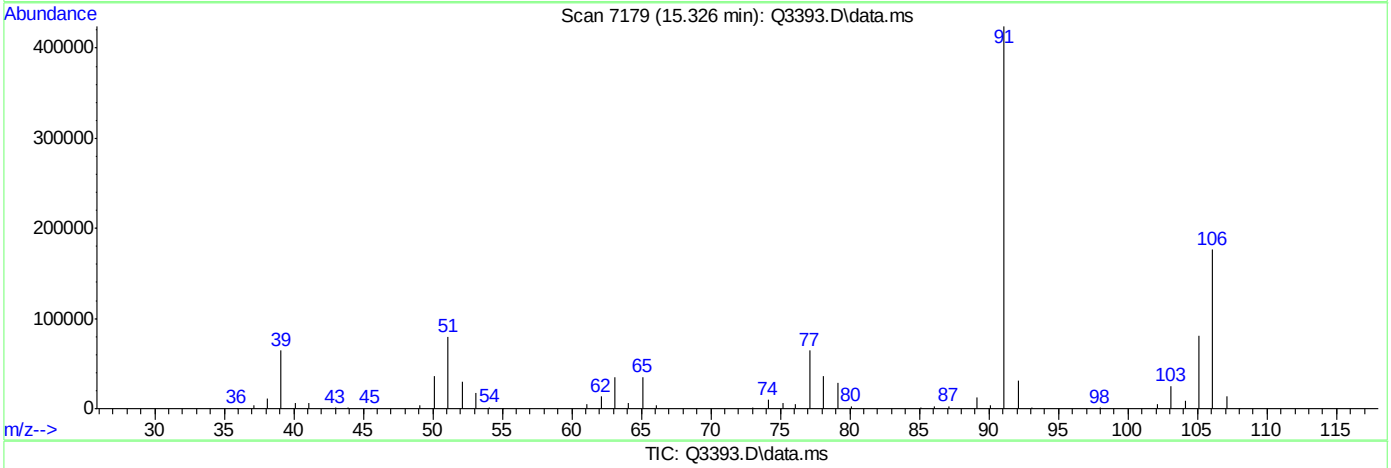
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3393.D
Acq On : 16 May 2007 9:18 am
Operator : PhilipB
Sample : ICC185-10 (M060)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 09:48:43 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 09:04:38 2007
Response via : Initial Calibration





TIC: Q3393.D\data.ms

(56) m,p-XYLENE (m)

15.326min (+0.002) 17.14PPBV m

response 483204

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	240.28
77.00	30.60	36.64
0.00	0.00	0.00

ACCUTEST Laboratories M65607

Q3394.D

Manual Integrations APPROVED (compounds with "m" flag)

Doug Yargeau 05/16/07 18:03

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3394.D
Acq On : 16 May 2007 10:02 am
Operator : PhilipB
Sample : IC185-.5 (M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 16 11:07:11 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:05:58 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.420	128	123785	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.342	114	544363	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	433498	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.336	95	163800	4.40	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 88.00%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	3.589	85	78573	0.76	PPBV		84
3) PROPYLENE	3.520	41	28499	0.78	PPBV		85
4) FREON 114	3.854	85	79580	0.76	PPBV	#	100
5) CHLOROMETHANE	3.755	50	37047	0.80	PPBV		98
6) VINYL CHLORIDE	3.980	62	30148	0.79	PPBV	#	71
7) 1,3-BUTADIENE	4.117	39	29128	0.75	PPBV	#	100
8) BROMOMETHANE	4.397	94	27211	0.82	PPBV	#	100
9) CHLOROETHANE	4.571	64	12491	0.77	PPBV	#	100
10) TRICHLOROFLUOROMETHANE	5.389	101	86489	0.76	PPBV	#	100
11) ISOPROPYL ALCOHOL	5.446	45	46246	0.64	PPBV		92
12) ACETONE	5.194	43	47163	0.67	PPBV	#	72
13) PENTANE	5.765	42	24090	0.68	PPBV	#	100
14) 1,1-DICHLOROETHYLENE	6.064	96	23806	0.78	PPBV	#	24
15) CARBON DISULFIDE	6.516	76	51486	0.70	PPBV	#	52
16) ETHANOL	4.672	45	11525	0.67	PPBV	#	100
17) BROMOETHENE	4.940	106	27247	0.81	PPBV	#	100
18) METHYLENE CHLORIDE	6.188	84	29496	0.86	PPBV	#	1
19) 3-CHLOROPROPENE	6.319	39	25770	0.87	PPBV	#	1
20) FREON 113	6.466	151	22479	0.42	PPBV	#	100
21) TRANS-1,2-DICHLOROETHY...	7.176	96	12510	0.48	PPBV	#	100
22) TERTIARY BUTYL ALCOHOL	6.101	59	44173	0.68	PPBV	#	100
23) METHYL TERTIARY BUTYL ...	7.444	73	30802	0.51	PPBV	#	100
24) TETRAHYDROFURAN	8.963	42	16878	0.45	PPBV	#	100
25) HEXANE	8.456	57	22534	0.55	PPBV	#	100
26) VINYL ACETATE	7.531	43	36992	0.55	PPBV		86
27) 1,1-DICHLOROETHANE	7.389	63	29542	0.56	PPBV	#	100
28) METHYL ETHYL KETONE	7.797	43	33134	0.45	PPBV		93
29) cis-1,2-DICHLOROETHYLENE	8.248	96	12916	0.65	PPBV	#	100
30) ETHYL ACETATE	8.461	43	55799	0.46	PPBV	#	100
31) CHLOROFORM	8.545	83	34589	0.62	PPBV	#	100
32) 1,1,1-TRICHLOROETHANE	9.547	97	37708	0.67	PPBV		92
33) CARBON TETRACHLORIDE	10.158	117	40563	0.65	PPBV		96
34) 1,2-DICHLOROETHANE	9.292	62	27690	0.61	PPBV		98
36) BENZENE	10.007	78	33514	0.59	PPBV		90
37) CYCLOHEXANE	10.286	84	12568	0.66	PPBV	#	50
38) TRICHLOROETHYLENE	11.049	95	19884	0.64	PPBV		92
39) 1,2-DICHLOROPROPANE	10.818	63	15239	0.57	PPBV	#	66
40) BROMODICHLOROMETHANE	11.008	83	32272	0.61	PPBV		98
41) 2,2,4-TRIMETHYLPENTANE	11.074	57	71387	0.54	PPBV		93
42) 1,4-DIOXANE	11.044	88	4899	0.48	PPBV	#	37
43) HEPTANE	11.324	43	27629	0.49	PPBV	#	81

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3394.D
Acq On : 16 May 2007 10:02 am
Operator : PhilipB
Sample : IC185-.5 (M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 16 11:07:11 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:05:58 2007
Response via : Initial Calibration

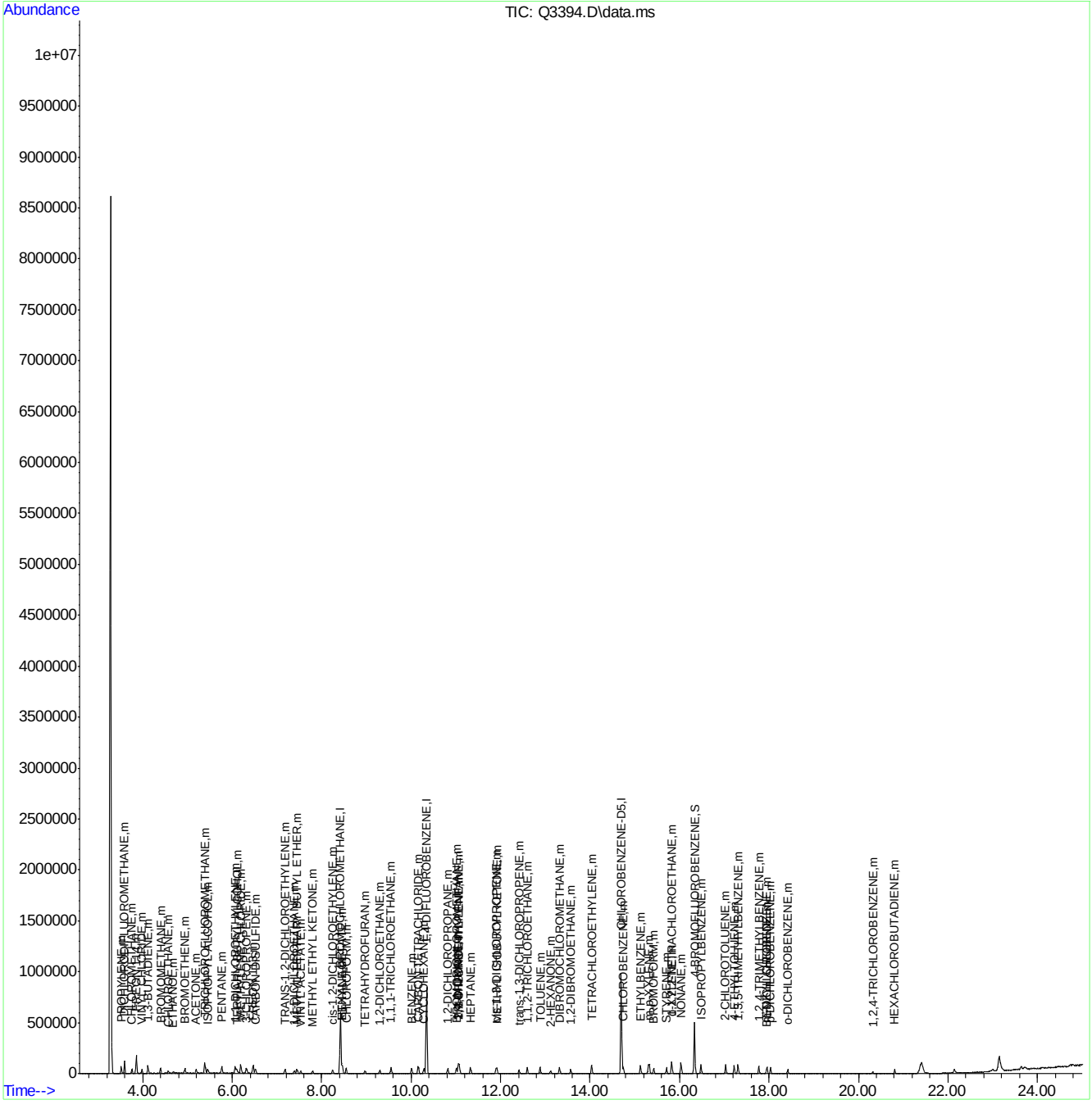
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.919	43	35804	0.44	PPBV	94
45) cis-1,3-DICHLOROPROPENE	11.897	75	19250	0.54	PPBV	98
46) TOLUENE	12.880	92	22201	0.59	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.410	75	17329	0.56	PPBV #	98
48) 1,1,2-TRICHLOROETHANE	12.593	83	13014	0.57	PPBV	95
50) 2-HEXANONE	13.118	43	22462	0.37	PPBV	96
51) TETRACHLOROETHYLENE	14.036	164	13758	0.74	PPBV #	82
52) DIBROMOCHLOROMETHANE	13.315	129	29372	0.68	PPBV	99
53) 1,2-DIBROMOETHANE	13.571	107	25121	0.67	PPBV	97
54) CHLOROBENZENE	14.739	112	30957	0.67	PPBV	91
55) ETHYLBENZENE	15.127	91	48960	0.61	PPBV	96
56) m,p-XYLENE	15.324	106	36245m	1.22	PPBV	
57) o-XYLENE	15.827	106	17791	0.58	PPBV	94
58) STYRENE	15.709	104	20201	0.53	PPBV	99
59) NONANE	16.032	43	42603	0.52	PPBV	83
60) BROMOFORM	15.420	173	20773	0.61	PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.814	83	21395	0.39	PPBV	95
63) ISOPROPYLBENZENE	16.480	105	53504	0.60	PPBV	96
64) 2-CHLOROTOLUENE	17.030	91	40444	0.58	PPBV	91
65) 4-ETHYLTOLUENE	17.222	105	41925	0.54	PPBV	93
66) 1,3,5-TRIMETHYLBENZENE	17.307	105	40933	0.54	PPBV	93
67) 1,2,4-TRIMETHYLBENZENE	17.775	105	33827	0.47	PPBV	91
68) m-DICHLOROBENZENE	17.956	146	18721	0.45	PPBV	95
69) BENZYL CHLORIDE	17.930	91	12857	0.26	PPBV	91
70) p-DICHLOROBENZENE	18.031	146	17439	0.45	PPBV	94
71) o-DICHLOROBENZENE	18.418	146	13059	0.35	PPBV	92
72) HEXACHLOROBUTADIENE	20.810	225	4318	0.30	PPBV	96
73) 1,2,4-TRICHLOROBENZENE	20.320	180	3928	0.52	PPBV	95

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3394.D
Acq On : 16 May 2007 10:02 am
Operator : PhilipB
Sample : IC185-.5 (M044)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 16 11:07:11 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:05:58 2007
Response via : Initial Calibration

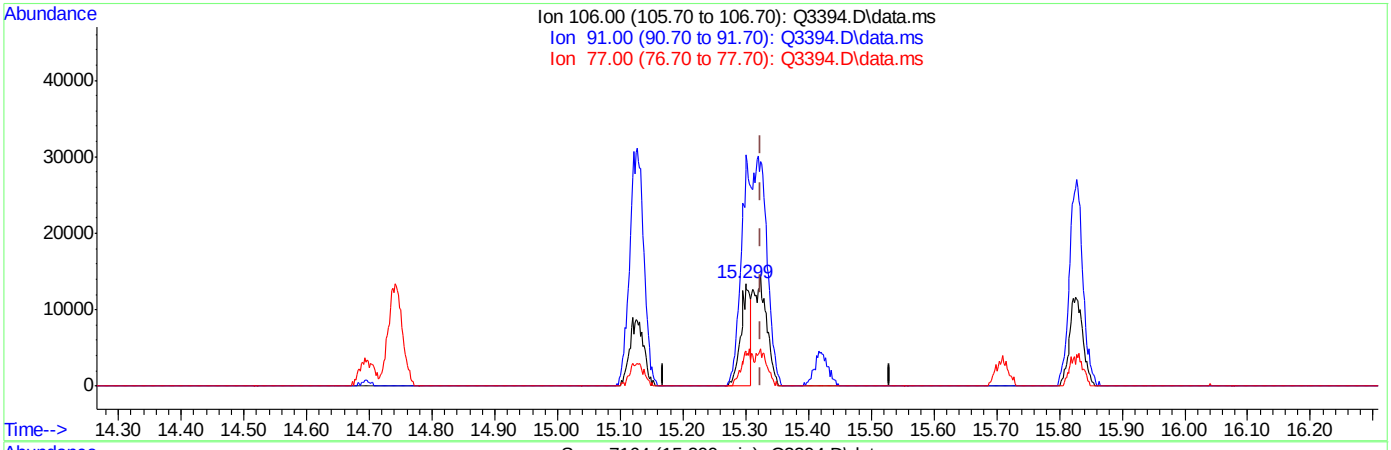


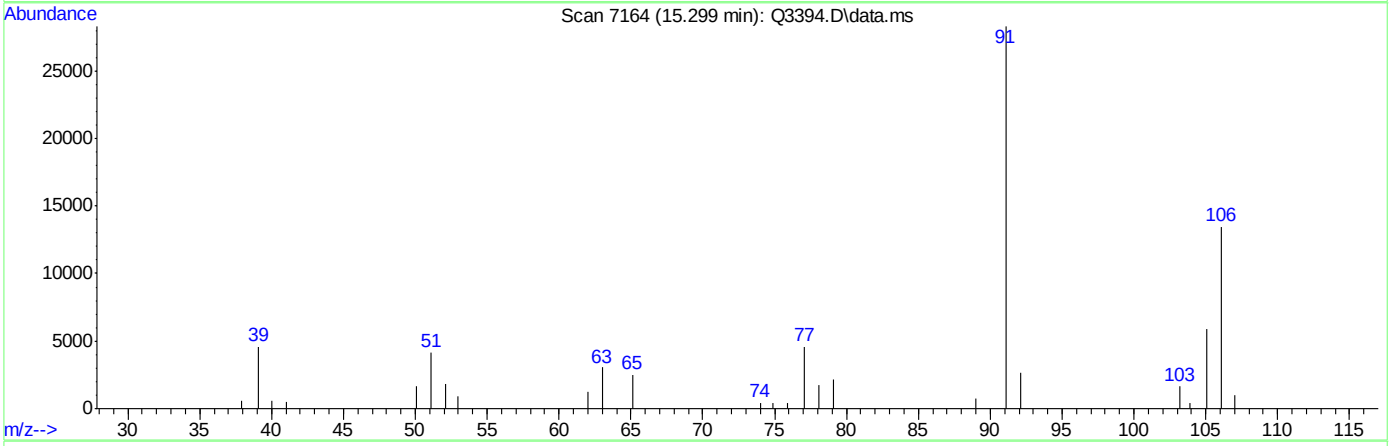
Q050307T.m Wed May 16 11:07:18 2007 RPT1 Page: 3

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3394.D
Acq On    : 16 May 2007  10:02 am
Operator  : PhilipB
Sample    : IC185-.5 (M044)
Misc      : MS13535,MSQ185,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: May 16 11:07:00 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:05:58 2007
Response via : Initial Calibration
```



TIC: Q3394.D\data.ms

(56) m,p-XYLENE (m)

15.299min (-0.025) 0.50PPBV

response 14888

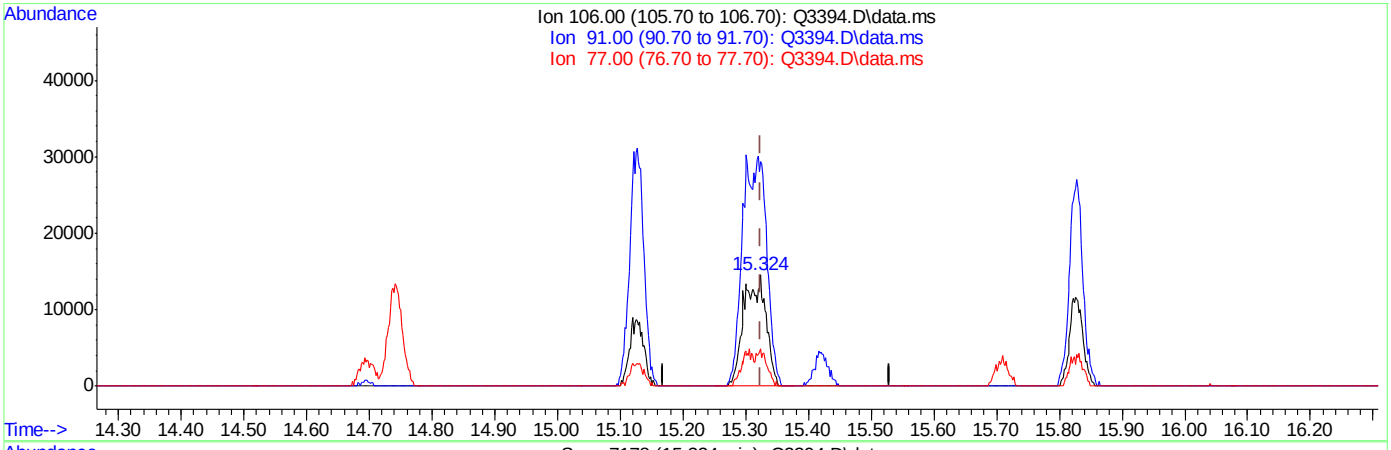
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	210.12
77.00	30.60	33.91
0.00	0.00	0.00

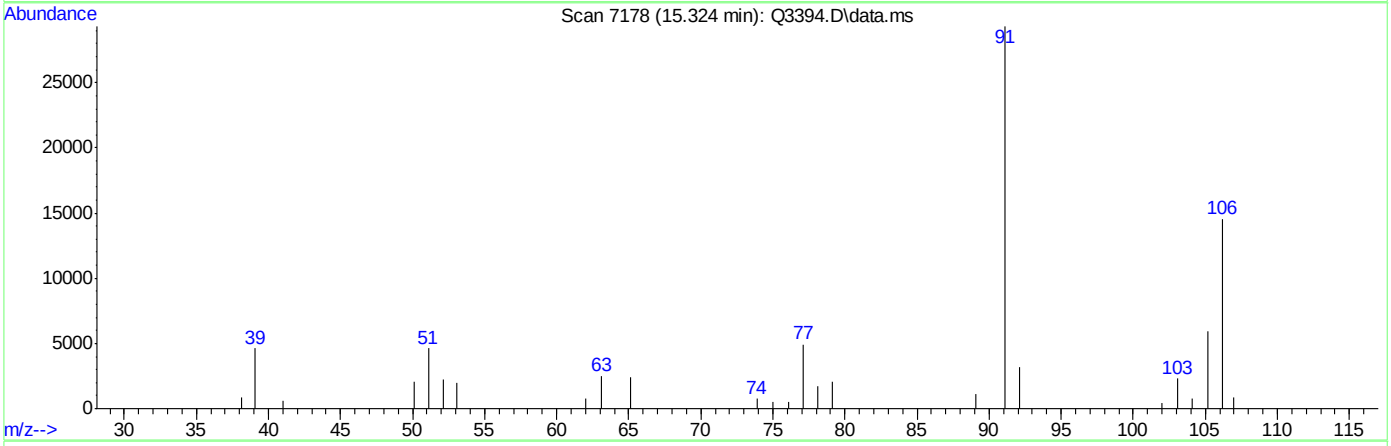
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3394.D
Acq On    : 16 May 2007  10:02 am
Operator  : PhilipB
Sample    : IC185-.5 (M044)
Misc      : MS13535,MSQ185,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: May 16 11:07:00 2007
Quant Method : C:\msdchem\1\METHODS\Q050307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:05:58 2007
Response via : Initial Calibration
```



TIC: Q3394.D\data.ms

(56) m,p-XYLENE (m)

15.324min (0.000) 1.22PPBV m

response 36245

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	201.36
77.00	30.60	33.68
0.00	0.00	0.00

ACCUTEST Laboratories M65607

Manual Integrations APPROVED (compounds with "m" flag)
Doug Yargeau
05/16/07 18:03

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3395.D
Acq On : 16 May 2007 11:30 am
Operator : PhilipB
Sample : ICV185-10 (M068)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 12:01:33 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.422	128	112237	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.346	114	552463	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.696	117	465922	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.334	95	203278	5.08	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 101.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.591	85	933615	9.96	PPBV	84
3) PROPYLENE	3.519	41	339794	10.23	PPBV #	82
4) FREON 114	3.854	85	980986	10.31	PPBV #	100
5) CHLOROMETHANE	3.758	50	431076	10.30	PPBV	96
6) VINYL CHLORIDE	3.980	62	358368	10.35	PPBV	72
7) 1,3-BUTADIENE	4.118	39	346366	9.80	PPBV #	100
8) BROMOMETHANE	4.395	94	311766	11.42	PPBV #	100
9) CHLOROETHANE	4.569	64	150791	10.27	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.387	101	998039	9.68	PPBV #	100
11) ISOPROPYL ALCOHOL	5.441	45	543958	8.26	PPBV	94
12) ACETONE	5.185	43	559095	9.55	PPBV #	72
13) PENTANE	5.767	42	270295	8.47	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.067	96	271220	9.86	PPBV #	21
15) CARBON DISULFIDE	6.521	76	548241	8.22	PPBV	67
16) ETHANOL	4.669	45	120941	8.97	PPBV #	100
17) BROMOETHENE	4.938	106	311197	11.68	PPBV #	100
18) METHYLENE CHLORIDE	6.190	84	216261	10.40	PPBV #	1
19) 3-CHLOROPROPENE	6.319	39	177450	7.81	PPBV #	1
20) FREON 113	6.468	151	475296	9.79	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.182	96	221251	9.28	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.090	59	553417	9.42	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.444	73	512460	9.34	PPBV #	100
24) TETRAHYDROFURAN	8.955	42	280511	8.29	PPBV #	100
25) HEXANE	8.458	57	296306	8.03	PPBV #	100
26) VINYL ACETATE	7.535	43	449431	7.40	PPBV	90
27) 1,1-DICHLOROETHANE	7.389	63	412351	8.58	PPBV #	100
28) METHYL ETHYL KETONE	7.792	43	660301	9.83	PPBV	85
29) cis-1,2-DICHLOROETHYLENE	8.248	96	161193	8.90	PPBV #	100
30) ETHYL ACETATE	8.463	43	884822	8.06	PPBV	100
31) CHLOROFORM	8.554	83	444254	8.73	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.551	97	507726	9.90	PPBV	91
33) CARBON TETRACHLORIDE	10.158	117	574233	10.21	PPBV	94
34) 1,2-DICHLOROETHANE	9.297	62	401657	9.78	PPBV	99
36) BENZENE	10.012	78	467969	8.15	PPBV	90
37) CYCLOHEXANE	10.286	84	179321	9.32	PPBV #	43
38) TRICHLOROETHYLENE	11.049	95	273817	8.75	PPBV	91
39) 1,2-DICHLOROPROPANE	10.818	63	214608	7.85	PPBV #	65
40) BROMODICHLOROMETHANE	11.013	83	478765	8.99	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.076	57	1021733	7.62	PPBV	96
42) 1,4-DIOXANE	11.040	88	89454	8.58	PPBV #	50
43) HEPTANE	11.326	43	444377	7.75	PPBV #	79

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3395.D
Acq On : 16 May 2007 11:30 am
Operator : PhilipB
Sample : ICV185-10 (M068)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 12:01:33 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

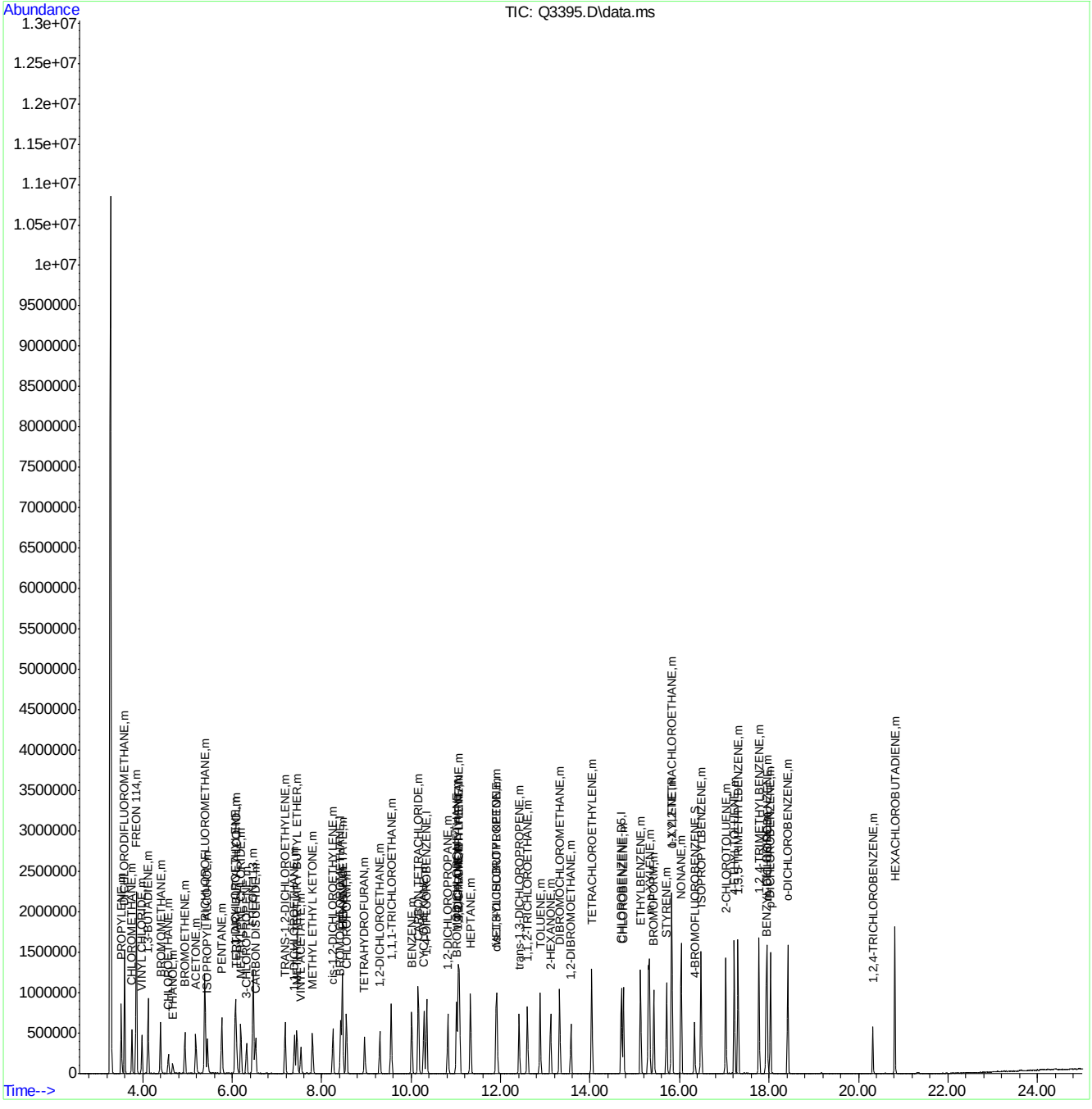
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.919	43	608279	7.38	PPBV	95
45) cis-1,3-DICHLOROPROPENE	11.895	75	296186	8.13	PPBV	100
46) TOLUENE	12.884	92	333074	8.78	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.414	75	312538	9.99	PPBV #	99
48) 1,1,2-TRICHLOROETHANE	12.598	83	181207	7.88	PPBV	95
50) 2-HEXANONE	13.117	43	535705	8.12	PPBV	98
51) TETRACHLOROETHYLENE	14.038	164	201684	12.35	PPBV #	85
52) DIBROMOCHLOROMETHANE	13.319	129	476311	10.28	PPBV	99
53) 1,2-DIBROMOETHANE	13.571	107	371418	9.23	PPBV	99
54) CHLOROBENZENE	14.744	112	456330	9.25	PPBV	94
55) ETHYLBENZENE	15.127	91	804836	9.29	PPBV	96
56) m,p-XYLENE	15.326	106	584358m	18.35	PPBV	
57) o-XYLENE	15.830	106	298030	9.05	PPBV	92
58) STYRENE	15.709	104	424241	10.29	PPBV	100
59) NONANE	16.036	43	682624	7.80	PPBV	85
60) BROMOFORM	15.422	173	404770	11.12	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.821	83	489985	8.39	PPBV	94
63) ISOPROPYLBENZENE	16.480	105	891517	9.33	PPBV	97
64) 2-CHLOROTOLUENE	17.030	91	692087	9.28	PPBV	95
65) 4-ETHYLTOLUENE	17.223	105	864394	10.28	PPBV	95
66) 1,3,5-TRIMETHYLBENZENE	17.307	105	789519	9.69	PPBV	94
67) 1,2,4-TRIMETHYLBENZENE	17.773	105	766252	9.93	PPBV	94
68) m-DICHLOROBENZENE	17.956	146	468863	10.39	PPBV	96
69) BENZYL CHLORIDE	17.935	91	591891	11.28	PPBV	94
70) p-DICHLOROBENZENE	18.031	146	451240	10.85	PPBV	95
71) o-DICHLOROBENZENE	18.420	146	472060	11.68	PPBV	95
72) HEXACHLOROBUTADIENE	20.812	225	200903	14.94	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.322	180	111042	14.53	PPBV	95

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3395.D
Acq On : 16 May 2007 11:30 am
Operator : PhilipB
Sample : ICV185-10 (M068)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 3 Sample Multiplier: 1

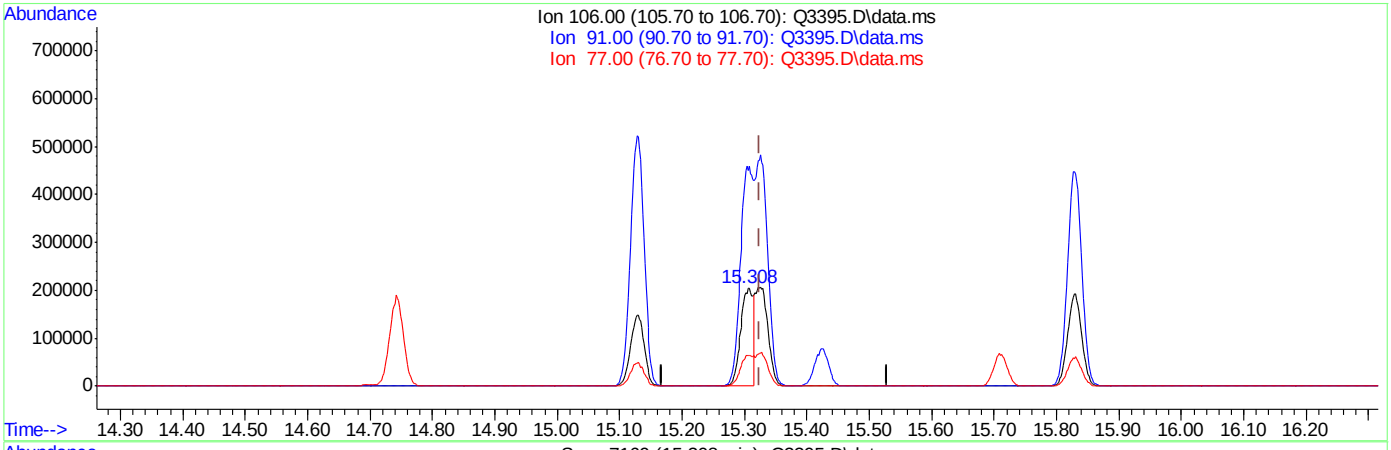
Quant Time: May 16 12:01:33 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

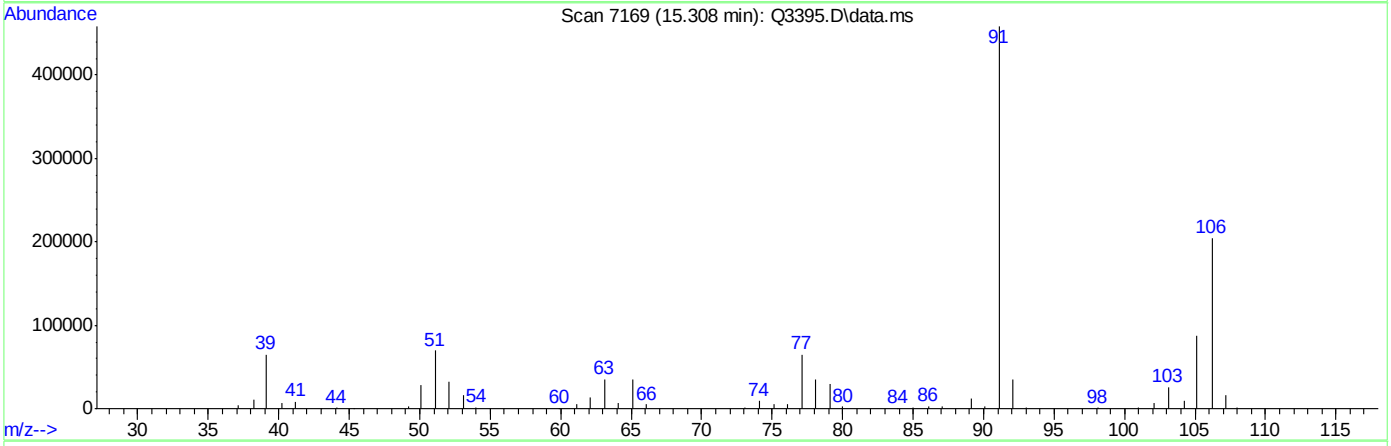


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3395.D
Acq On : 16 May 2007 11:30 am
Operator : PhilipB
Sample : ICV185-10 (M068)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 12:01:19 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3395.D\data.ms

(56) m,p-XYLENE (m)

15.308min (-0.016) 9.26PPBV

response 294924

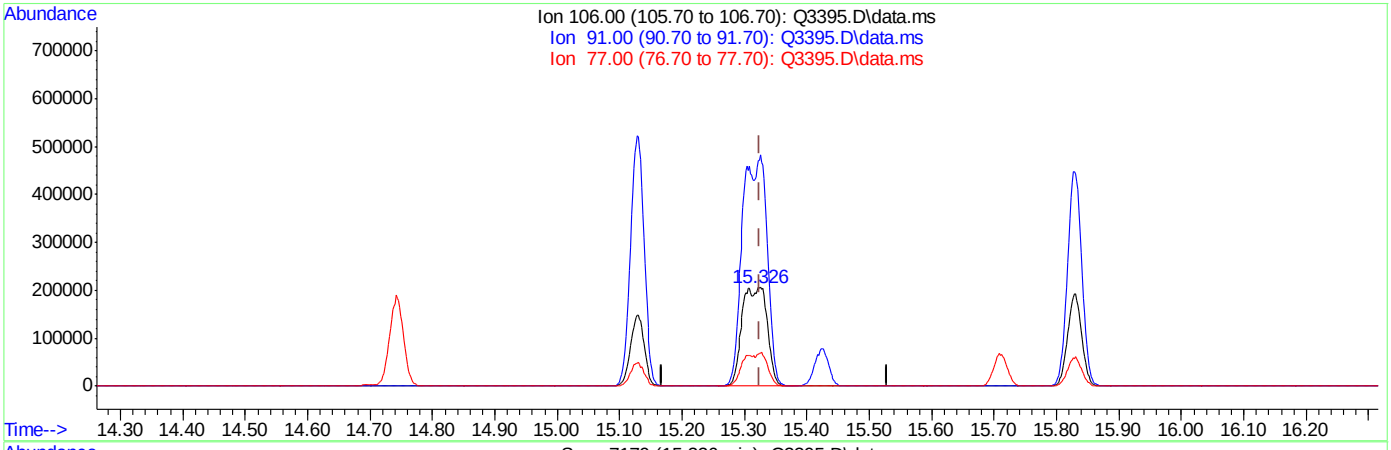
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	223.98
77.00	30.60	31.66
0.00	0.00	0.00

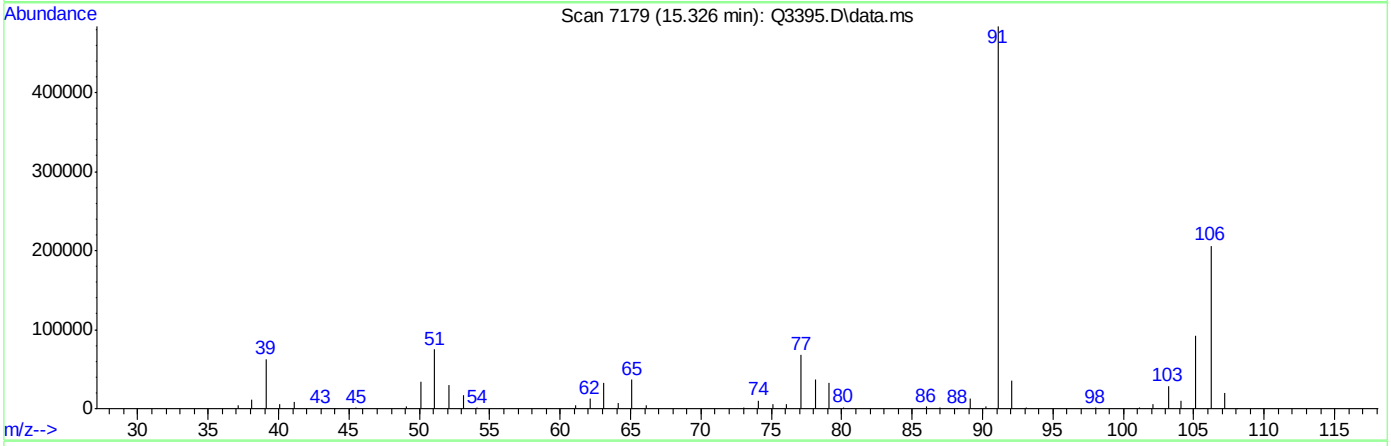
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3395.D
Acq On : 16 May 2007 11:30 am
Operator : PhilipB
Sample : ICV185-10 (M068)
Misc : MS13535,MSQ185,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 16 12:01:19 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration





TIC: Q3395.D\data.ms

(56) m,p-XYLENE (m)

15.326min (+0.002) 18.35PPBV m

response 584358

Ion	Exp%	Act%
106.00	100	100
91.00	204.20	234.69
77.00	30.60	32.86
0.00	0.00	0.00

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

Quantitation Report (QT Reviewed)

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

Quant Time: May 16 13:29:29 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

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

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.336	95	210260	5.23	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 104.60%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.589	85	837189	9.88	PPBV	83
3) PROPYLENE	3.518	41	316625	10.55	PPBV	86
4) FREON 114	3.854	85	882633	10.26	PPBV #	100
5) CHLOROMETHANE	3.756	50	401350	10.61	PPBV	98
6) VINYL CHLORIDE	3.978	62	320468	10.24	PPBV	72
7) 1,3-BUTADIENE	4.117	39	332879	10.42	PPBV #	100
8) BROMOMETHANE	4.395	94	272061	10.97	PPBV #	100
9) CHLOROETHANE	4.571	64	134001	10.09	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.386	101	797163	8.55	PPBV #	100
11) ISOPROPYL ALCOHOL	5.439	45	416514m	7.00	PPBV	
12) ACETONE	5.183	43	431411	8.15	PPBV #	76
13) PENTANE	5.764	42	212087	7.35	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.067	96	215747	8.68	PPBV #	18
15) CARBON DISULFIDE	6.520	76	533641	8.85	PPBV	66
16) ETHANOL	4.667	45	116423	9.55	PPBV #	100
17) BROMOETHENE	4.938	106	256272	10.53	PPBV #	100
18) METHYLENE CHLORIDE	6.188	84	175159	9.18	PPBV #	1
19) 3-CHLOROPROPENE	6.319	39	179672	8.79	PPBV #	1
20) FREON 113	6.466	151	456511	10.40	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.178	96	211945	9.84	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.087	59	447978	8.44	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.441	73	489731	9.87	PPBV #	100
24) TETRAHYDROFURAN	8.956	42	307969	10.07	PPBV #	100
25) HEXANE	8.456	57	315018	9.44	PPBV #	100
26) VINYL ACETATE	7.535	43	446883	8.14	PPBV	90
27) 1,1-DICHLOROETHANE	7.391	63	401478	9.23	PPBV #	100
28) METHYL ETHYL KETONE	7.792	43	641133	10.56	PPBV	86
29) cis-1,2-DICHLOROETHYLENE	8.250	96	149414	9.13	PPBV #	100
30) ETHYL ACETATE	8.463	43	1031386	10.39	PPBV	100
31) CHLOROFORM	8.552	83	439265	9.54	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.547	97	465786	10.05	PPBV	90
33) CARBON TETRACHLORIDE	10.158	117	523445	10.29	PPBV	94
34) 1,2-DICHLOROETHANE	9.295	62	379207	10.21	PPBV	99
36) BENZENE	10.012	78	425494	8.01	PPBV	88
37) CYCLOHEXANE	10.286	84	160140	8.99	PPBV #	33
38) TRICHLOROETHYLENE	11.051	95	255889	8.83	PPBV #	86
39) 1,2-DICHLOROPROPANE	10.822	63	204012	8.06	PPBV #	65
40) BROMODICHLOROMETHANE	11.012	83	450292	9.13	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.075	57	1025180	8.26	PPBV #	94
42) 1,4-DIOXANE	11.043	88	81086	8.40	PPBV #	21
43) HEPTANE	11.327	43	471253	8.88	PPBV #	75

Quantitation Report (QT Reviewed)

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

Quant Time: May 16 13:29:29 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

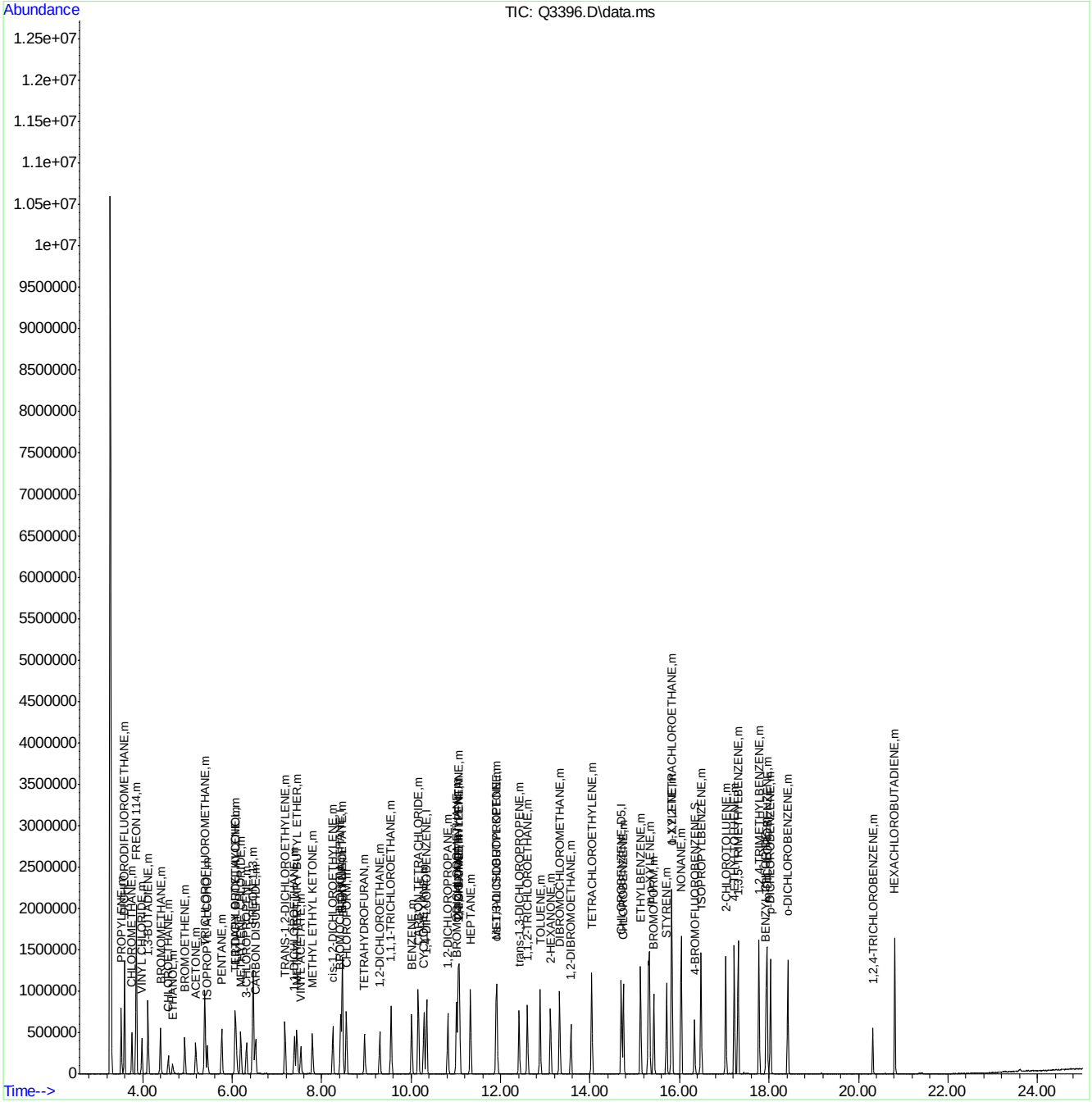
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.917	43	690684	9.05	PPBV	91
45) cis-1,3-DICHLOROPROPENE	11.895	75	293113	8.70	PPBV	89
46) TOLUENE	12.880	92	314175	8.94	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.410	75	307965	10.63	PPBV #	99
48) 1,1,2-TRICHLOROETHANE	12.598	83	172616	8.11	PPBV	93
50) 2-HEXANONE	13.115	43	606351	9.15	PPBV	93
51) TETRACHLOROETHYLENE	14.036	164	176825	11.02	PPBV #	81
52) DIBROMOCHLOROMETHANE	13.319	129	436514	9.38	PPBV	99
53) 1,2-DIBROMOETHANE	13.573	107	349008	8.63	PPBV	98
54) CHLOROBENZENE	14.740	112	425898	8.59	PPBV	89
55) ETHYLBENZENE	15.127	91	792019	9.10	PPBV	94
56) m,p-XYLENE	15.326	106	561105m	17.54	PPBV	
57) o-XYLENE	15.828	106	281319	8.51	PPBV #	88
58) STYRENE	15.708	104	390785	9.44	PPBV	98
59) NONANE	16.036	43	737369	8.39	PPBV	82
60) BROMOFORM	15.424	173	357045	9.76	PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.819	83	475988	8.11	PPBV	94
63) ISOPROPYLBENZENE	16.481	105	832886	8.68	PPBV	96
64) 2-CHLOROTOLUENE	17.033	91	652550	8.71	PPBV	92
65) 4-ETHYLTOLUENE	17.225	105	809350	9.58	PPBV	93
66) 1,3,5-TRIMETHYLBENZENE	17.308	105	749228	9.15	PPBV	93
67) 1,2,4-TRIMETHYLBENZENE	17.773	105	730675	9.43	PPBV	92
68) m-DICHLOROBENZENE	17.958	146	418170	9.22	PPBV	95
69) BENZYL CHLORIDE	17.933	91	559153	10.60	PPBV	93
70) p-DICHLOROBENZENE	18.033	146	395868	9.47	PPBV	95
71) o-DICHLOROBENZENE	18.419	146	406545	10.01	PPBV	96
72) HEXACHLOROBUTADIENE	20.810	225	163831	12.99	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.322	180	92517	12.74	PPBV	95

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

Quantitation Report (QT Reviewed)

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

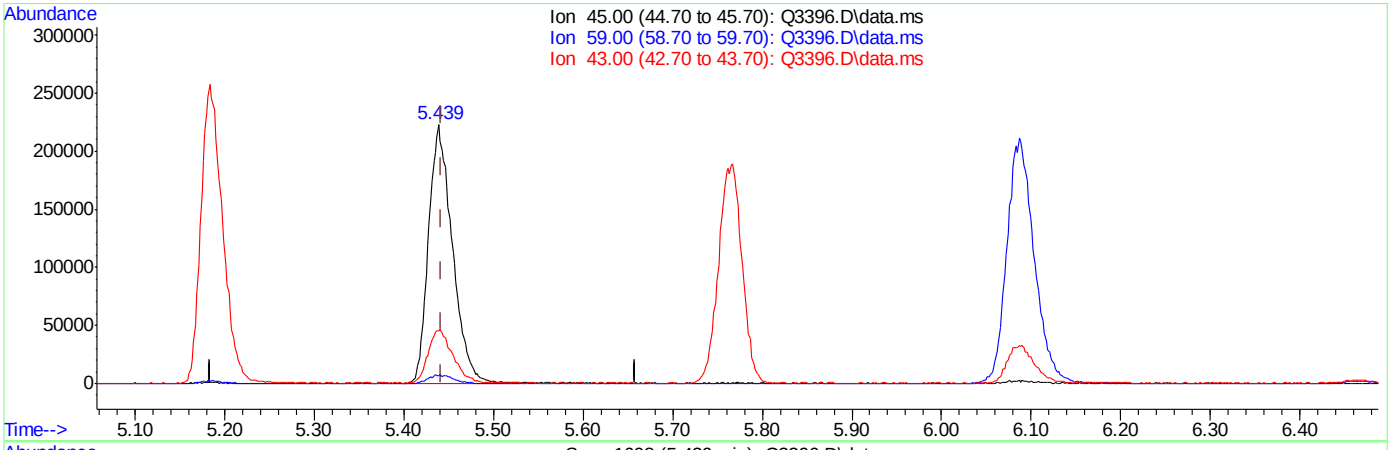
Quant Time: May 16 13:29:29 2007
Quant Method : C:\msdchem\1\METHODS\Q051507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed May 16 11:12:42 2007
Response via : Initial Calibration

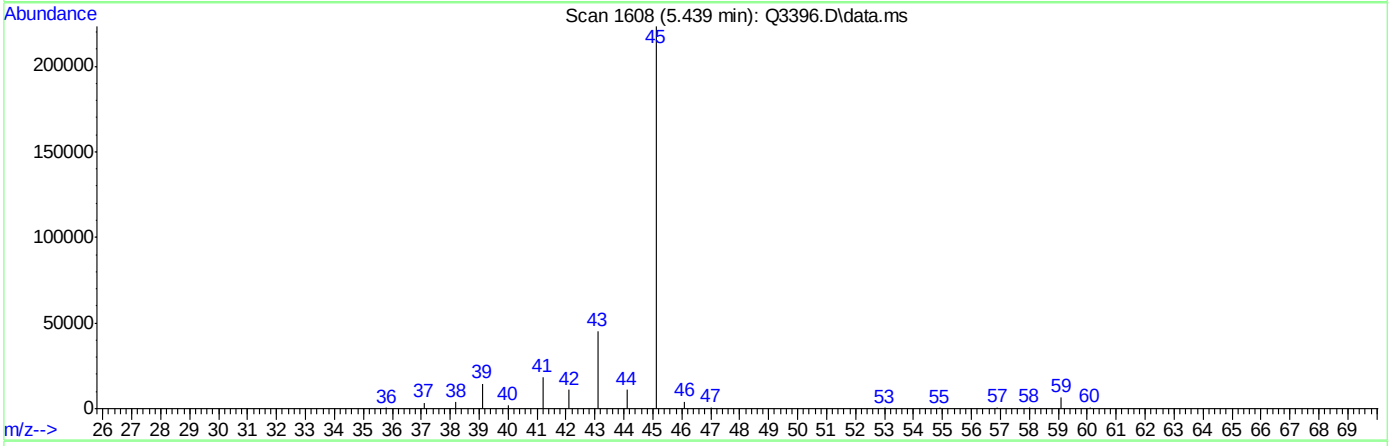


Quantitation Report (Qedit)

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

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





TIC: Q3396.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.439min (-0.004) 6.93PPBV

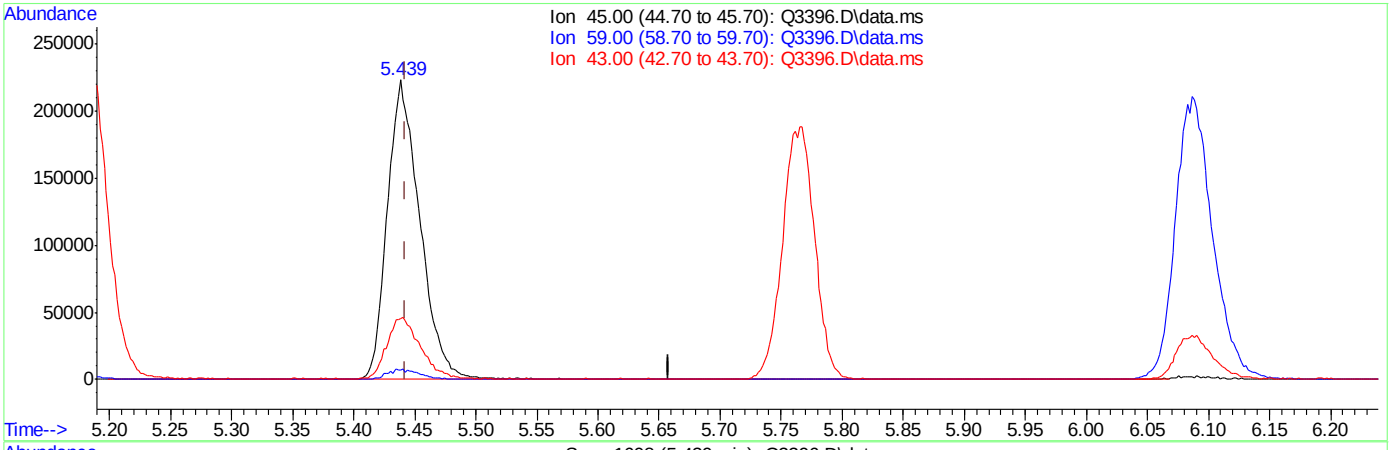
response 412460

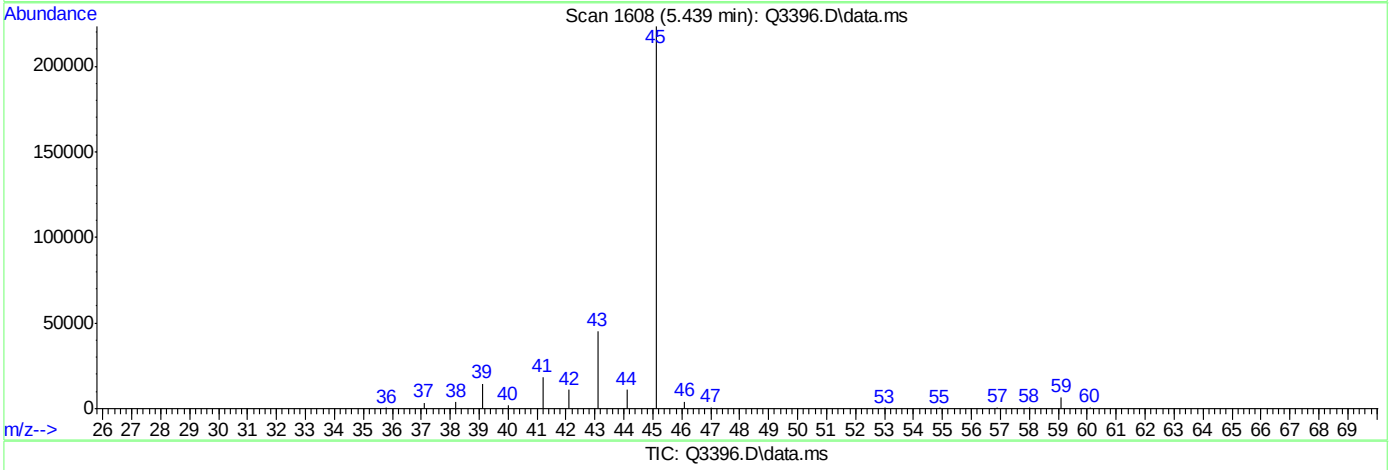
Ion	Exp%	Act%
45.00	100	100
59.00	2.80	3.09
43.00	22.80	20.29
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3396.D\data.ms

(11) ISOPROPYL ALCOHOL (m)

5.439min (-0.004) 7.00PPBV m

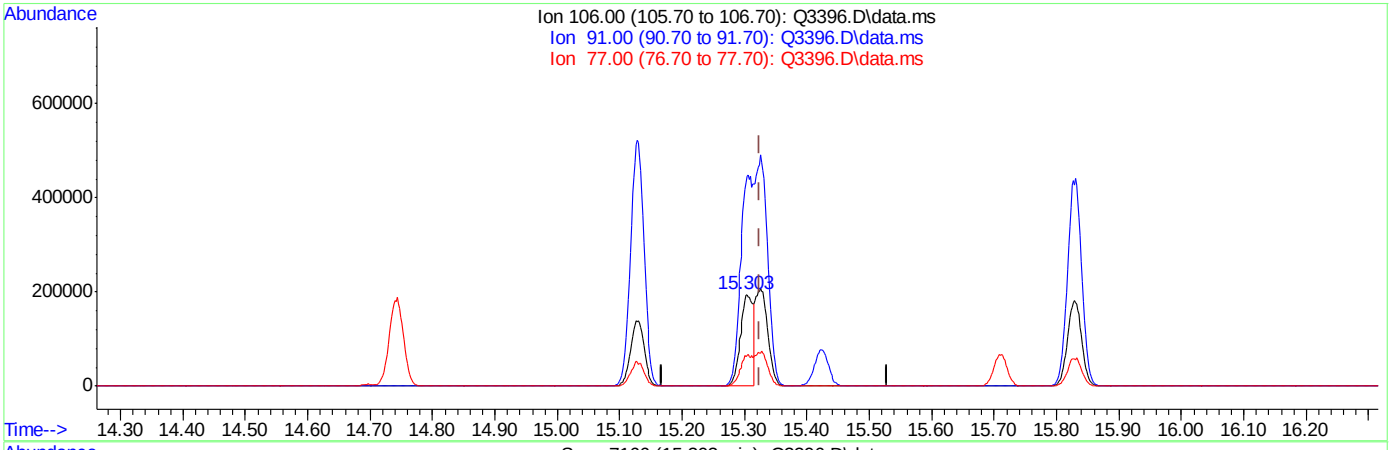
response 416514

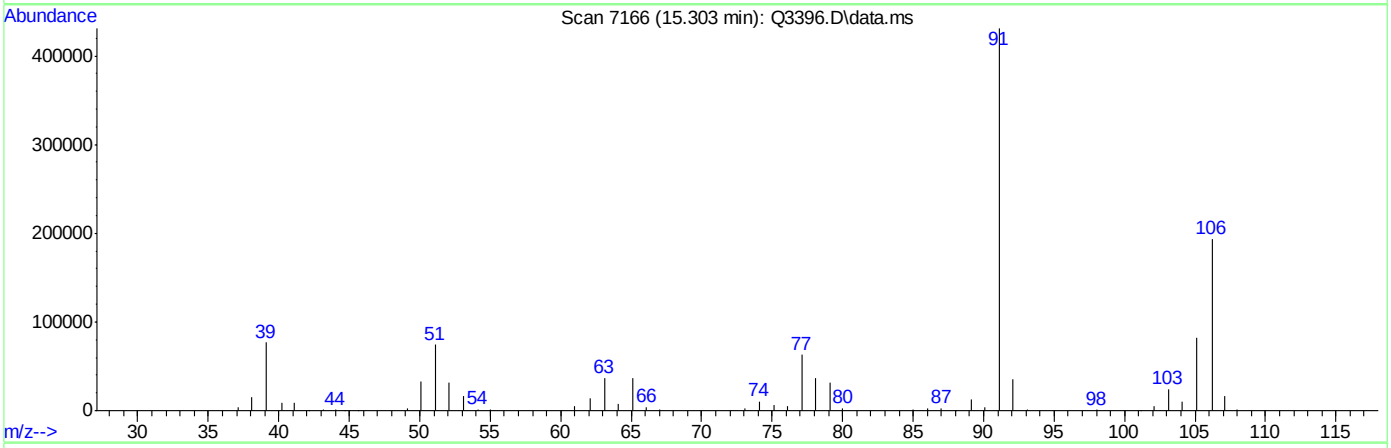
Ion	Exp%	Act%
45.00	100	100
59.00	2.80	3.09
43.00	22.80	20.29
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3396.D\data.ms

(56) m,p-XYLENE (m)

15.303min (-0.021) 8.75PPBV

response 280032

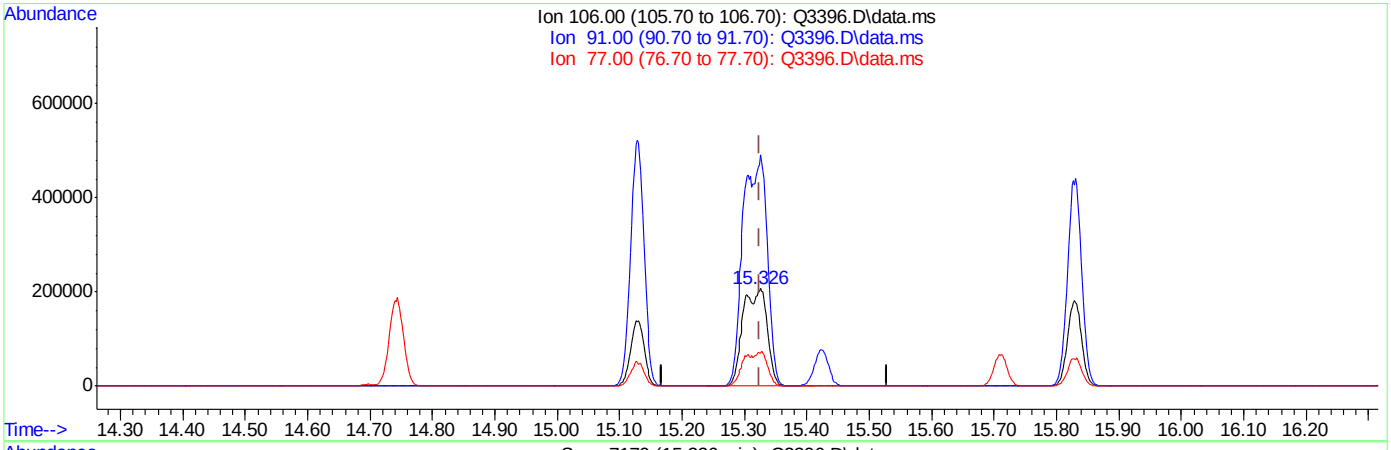
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	222.17
77.00	30.60	32.39
0.00	0.00	0.00

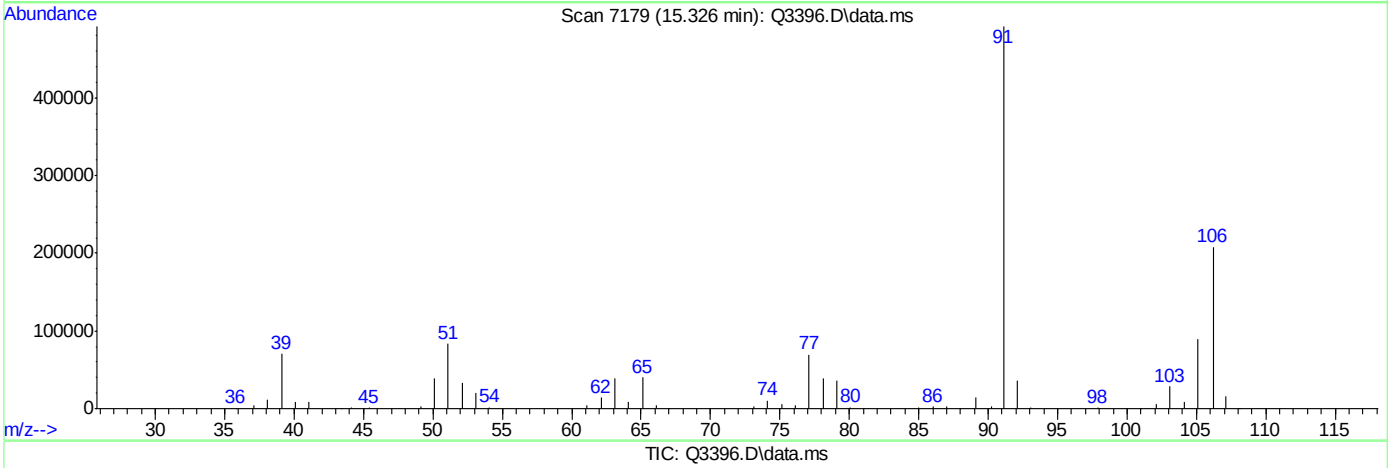
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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





TIC: Q3396.D\data.ms

(56) m,p-XYLENE (m)

15.326min (+0.002) 17.54PPBV m

response 561105

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

ACCUTEST Laboratories M65607

Quantitation Report (QT Reviewed)

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

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

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

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.346	95	47274	3.77	PPBV	0.01

Spiked Amount 5.000 Range 57 - 139 Recovery = 75.40%

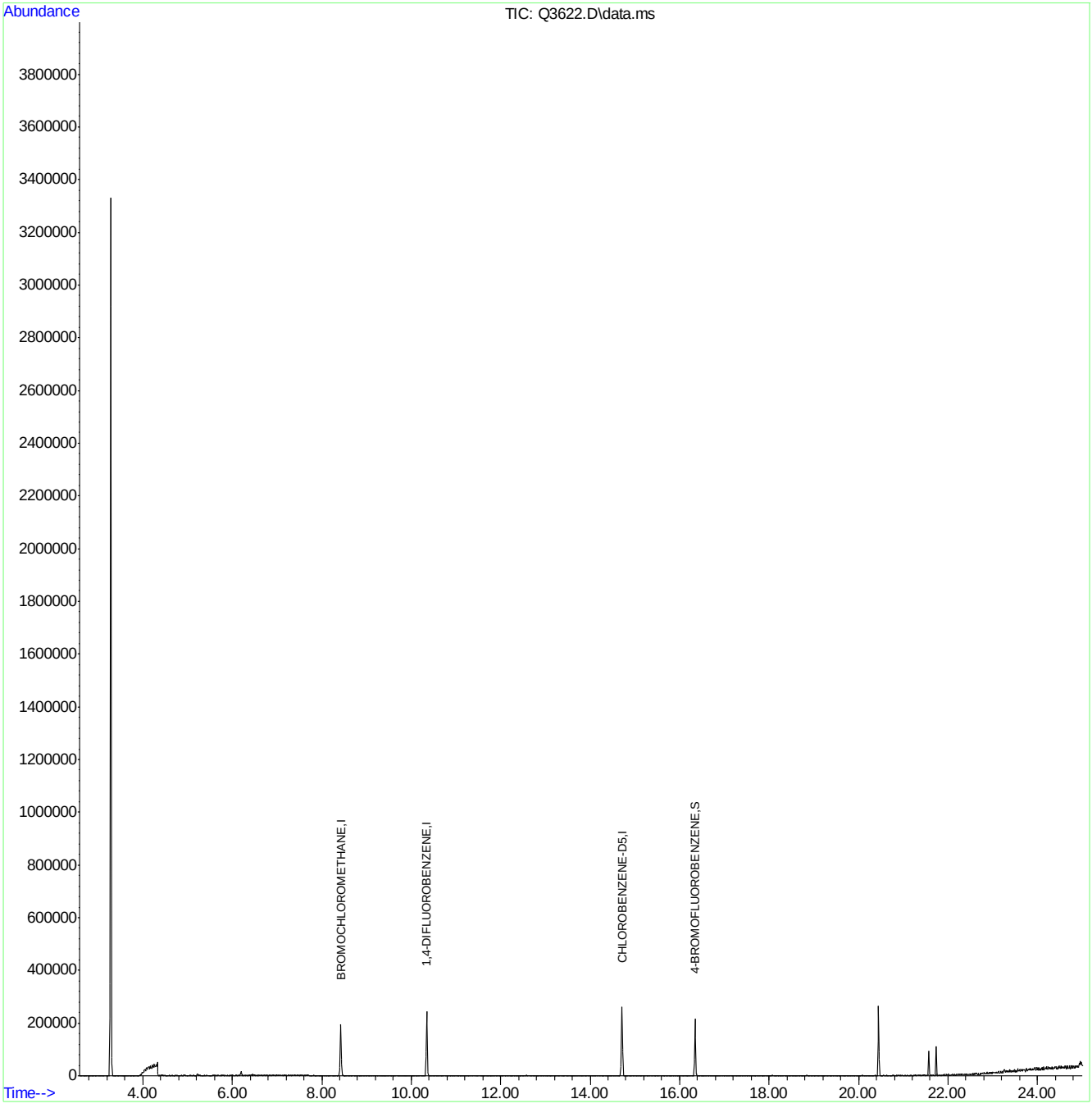
Target Compounds	Qvalue

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

Quantitation Report (QT Reviewed)

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

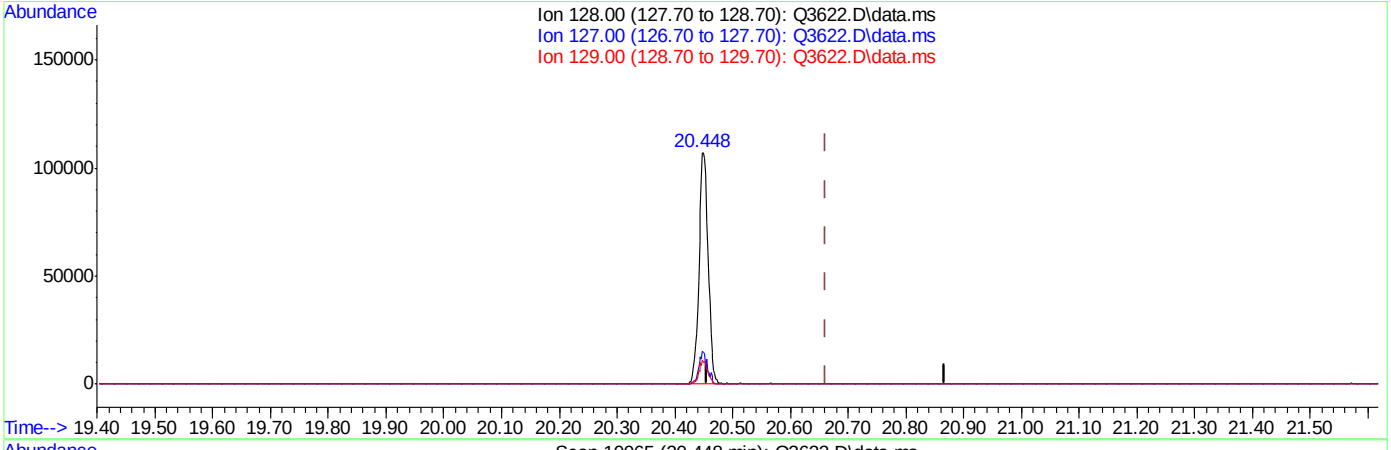
Quant Time: Jun 05 15:42:47 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 05 15:42:16 2007
Response via : Initial Calibration

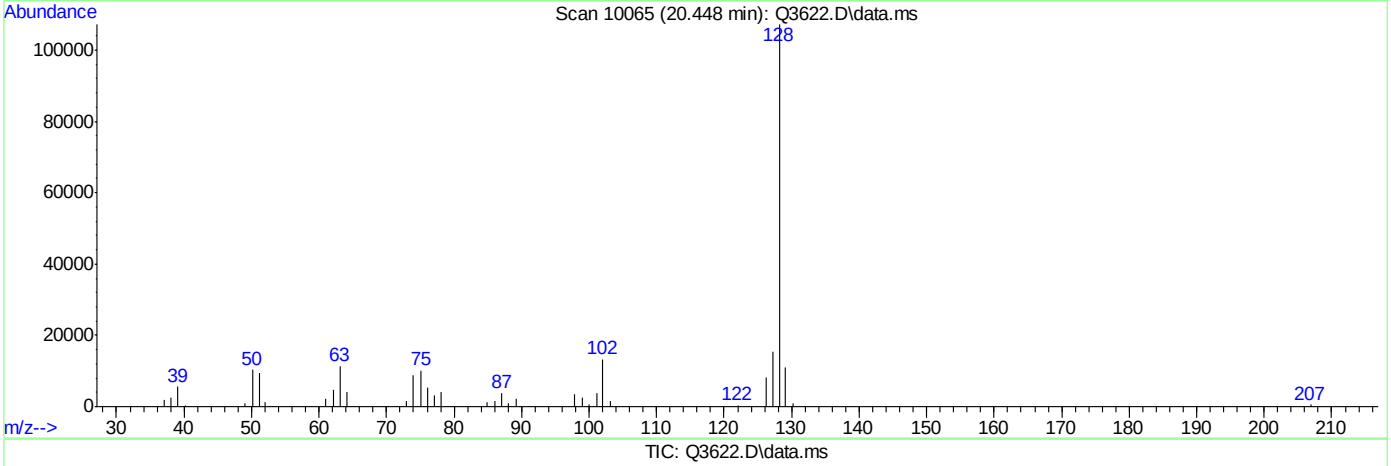


Quantitation Report (Qedit)

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

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





(74) NAPHTHALENE (m)

20.448min (-0.214) 0.00PPBV m

response 116628

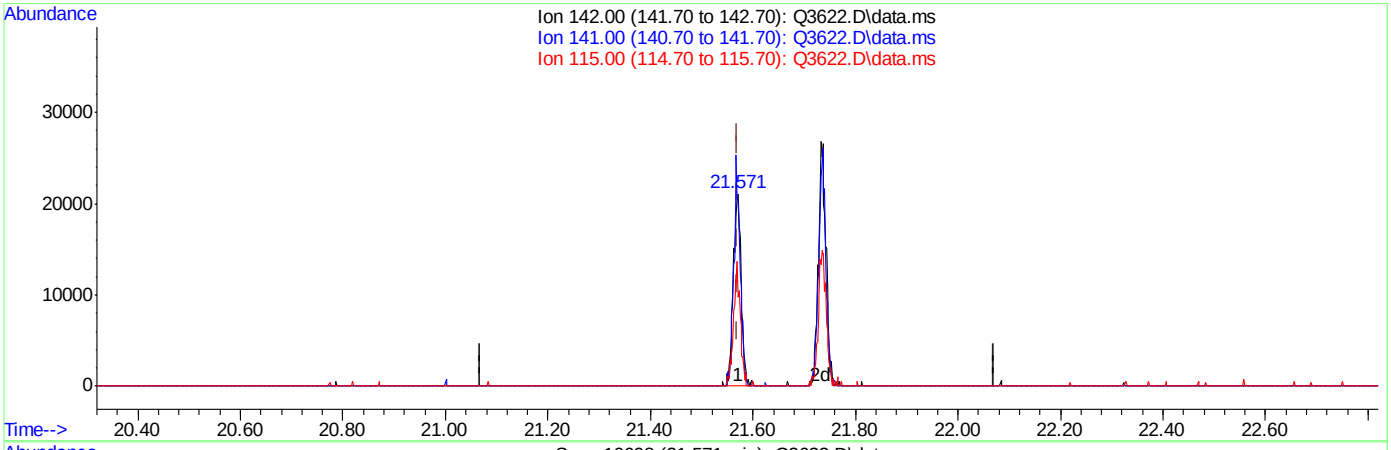
Ion	Exp%	Act%
128.00	100	100
127.00	13.60	0.00
129.00	10.70	0.00
0.00	0.00	0.00

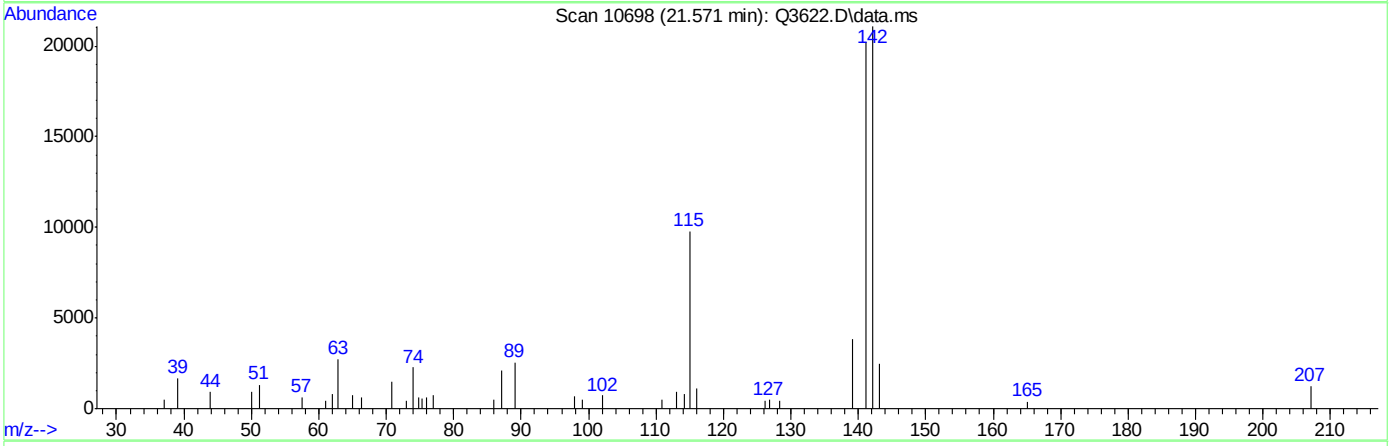
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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





TIC: Q3622.D\data.ms

(75) 2-METHYLNAPHTHALENE

21.571min (+0.001) 0.00PPBV

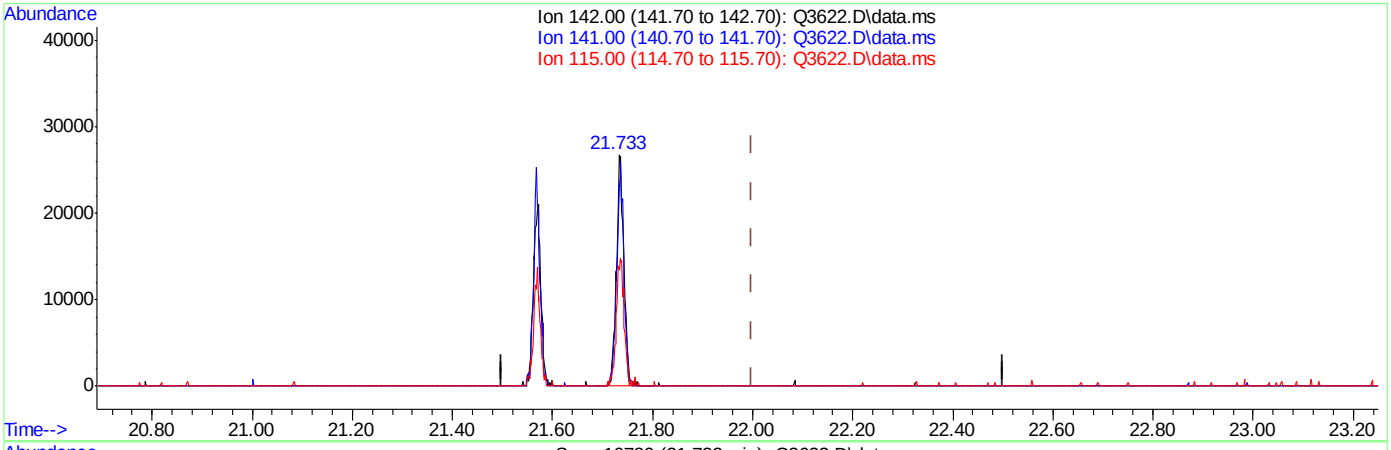
response 22217

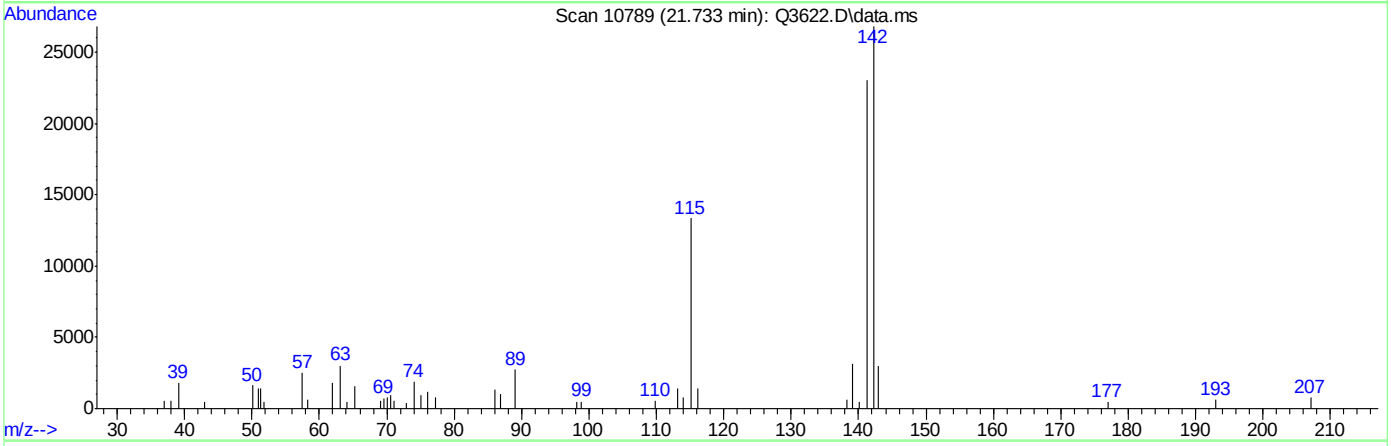
Ion	Exp%	Act%
142.00	100	100
141.00	0.00	97.00#
115.00	0.00	55.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3622.D\data.ms

(76) 1-METHYLNAPHTHALENE

21.733min (-0.267) 0.00PPBV m

response 27693

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

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

Quantitation Report (QT Reviewed)

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

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

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

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.341	95	101271	5.03	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 100.60%

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

Quantitation Report (QT Reviewed)

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

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

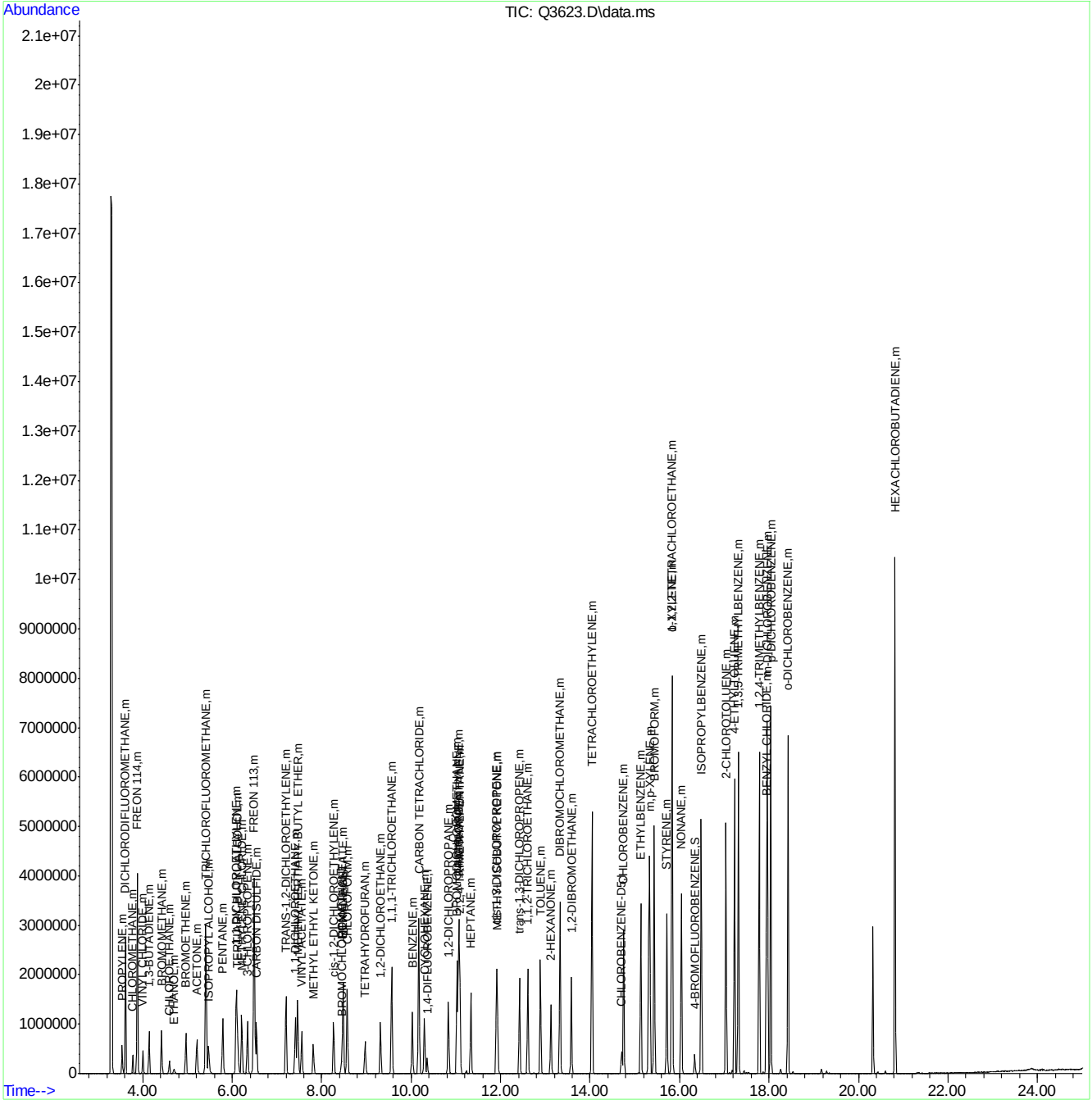
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.926	43	979380	50.14 PPBV	91
45) cis-1,3-DICHLOROPROPENE	11.904	75	601738	74.29 PPBV #	75
46) TOLUENE	12.891	92	701192	80.51 PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.421	75	734078	88.21 PPBV #	99
48) 1,1,2-TRICHLOROETHANE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

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

Quantitation Report (QT Reviewed)

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

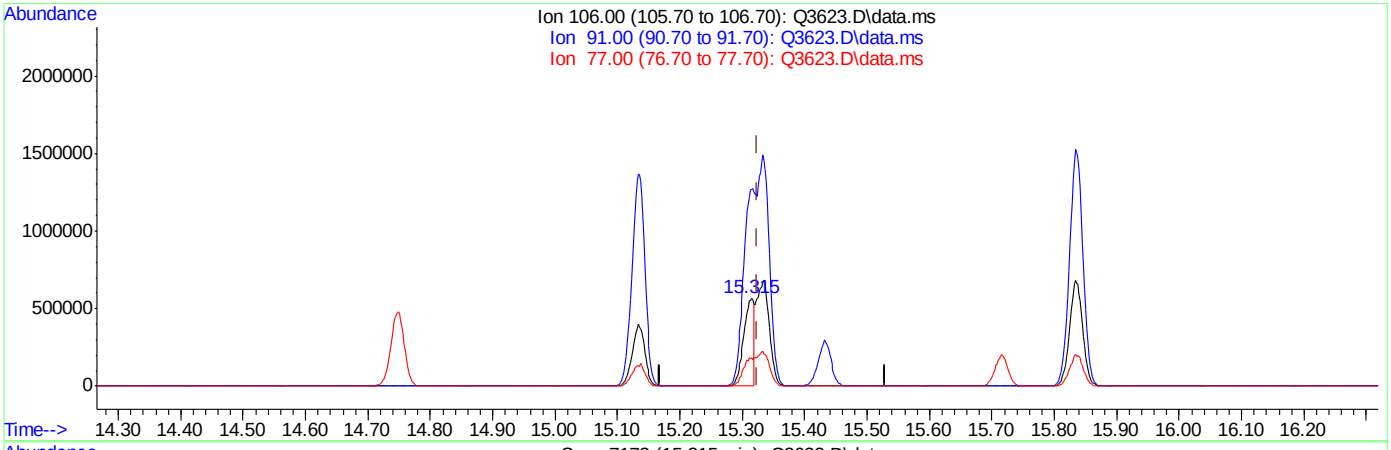
Quant Time: Jun 05 16:40:46 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 05 15:46:38 2007
Response via : Initial Calibration

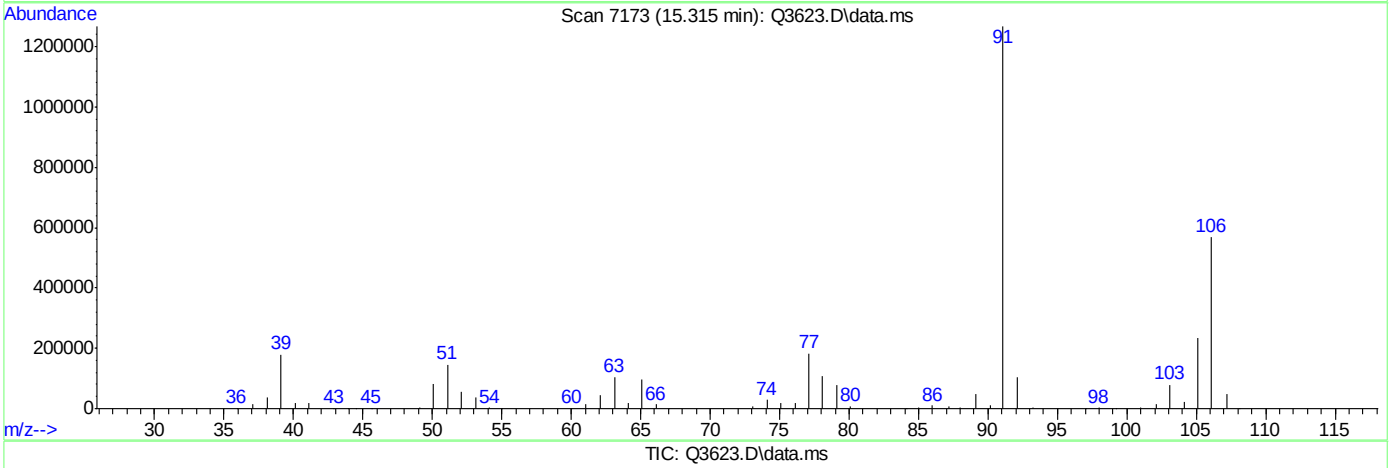


Quantitation Report (Qedit)

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

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





TIC: Q3623.D\data.ms

(56) m,p-XYLENE (m)

15.315min (-0.009) 73.27PPBV

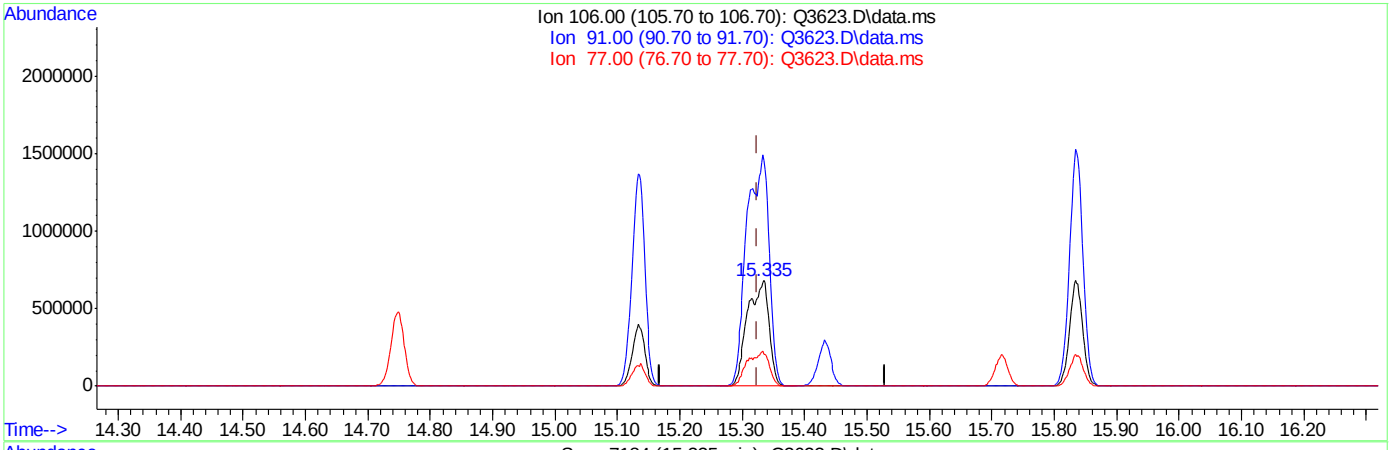
response 650517

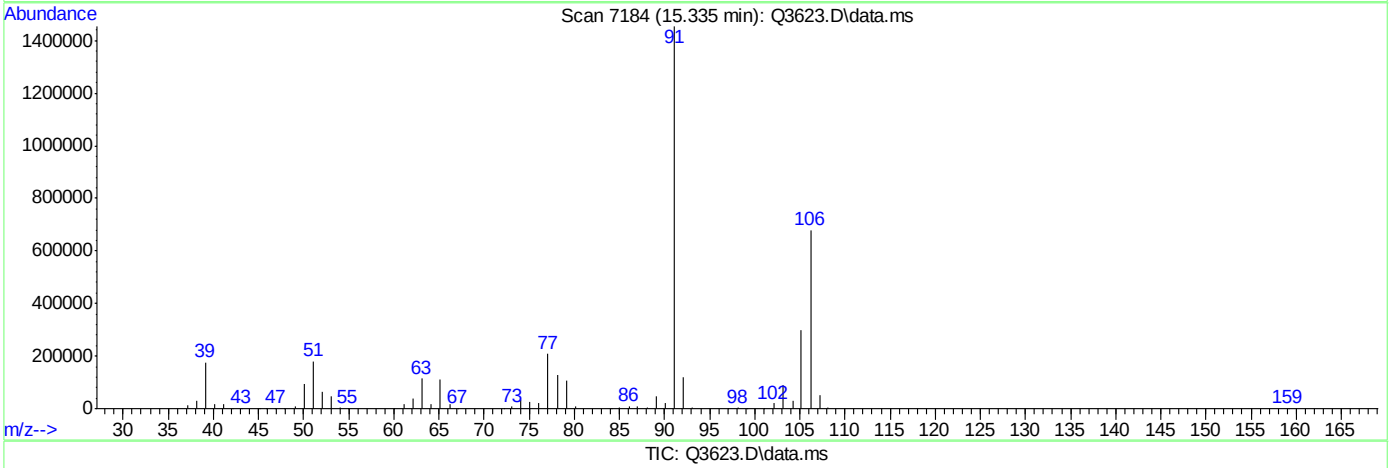
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	222.73
77.00	30.60	32.10
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3623.D\data.ms

(56) m,p-XYLENE (m)

15.335min (+0.011) 182.77PPBV m

response 1622690

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

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

Quantitation Report (QT Reviewed)

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

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

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

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.338	95	104800	5.52	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 110.40%

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

Quantitation Report (QT Reviewed)

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

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

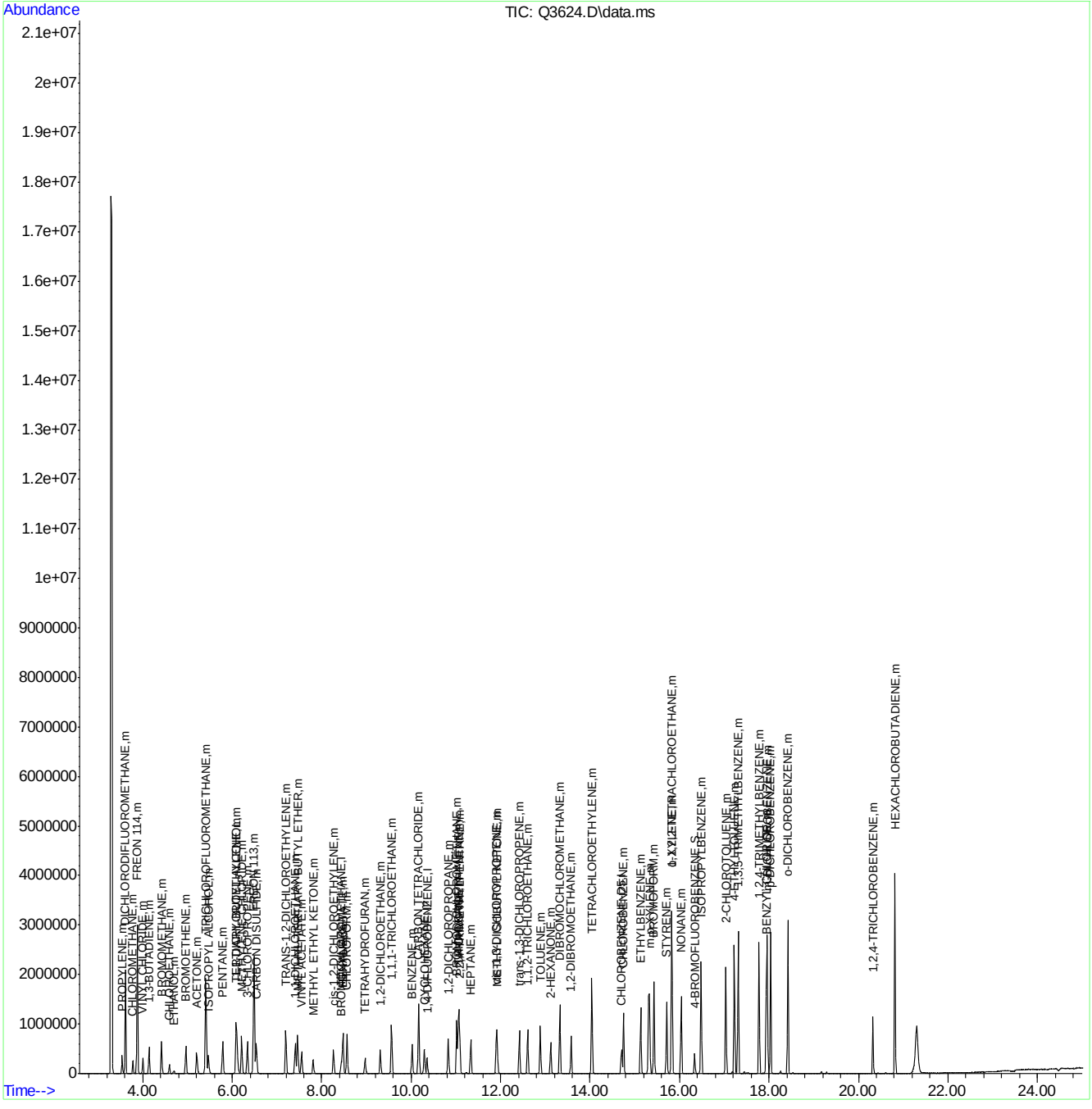
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.924	43	398657	15.75 PPBV	91
45) cis-1,3-DICHLOROPROPENE	11.904	75	245945	15.82 PPBV #	70
46) TOLUENE	12.884	92	281529	15.54 PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.417	75	332039	17.50 PPBV #	100
48) 1,1,2-TRICHLOROETHANE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

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

Quantitation Report (QT Reviewed)

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

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

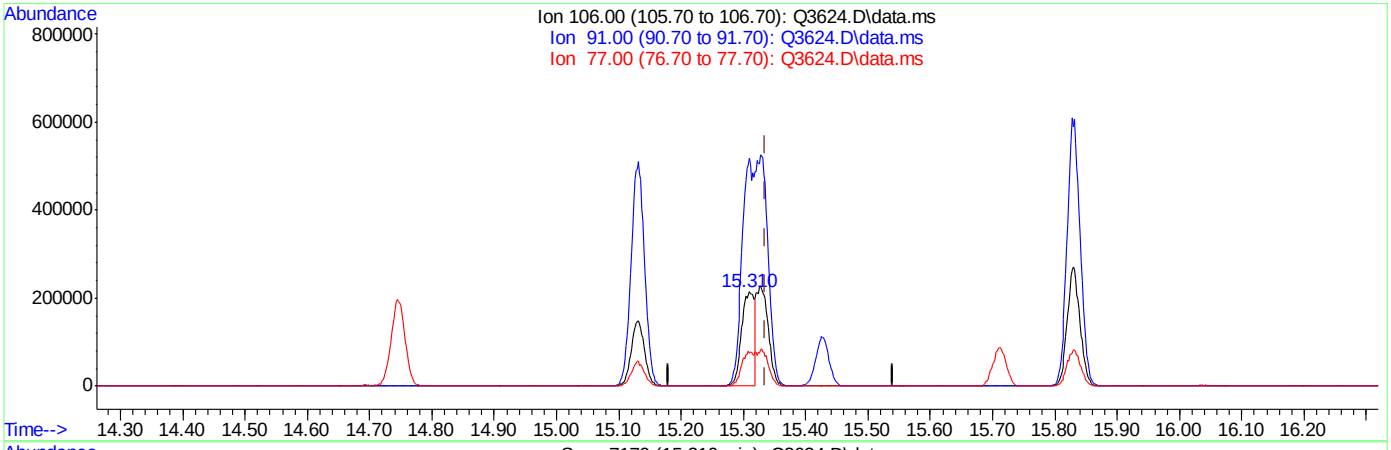


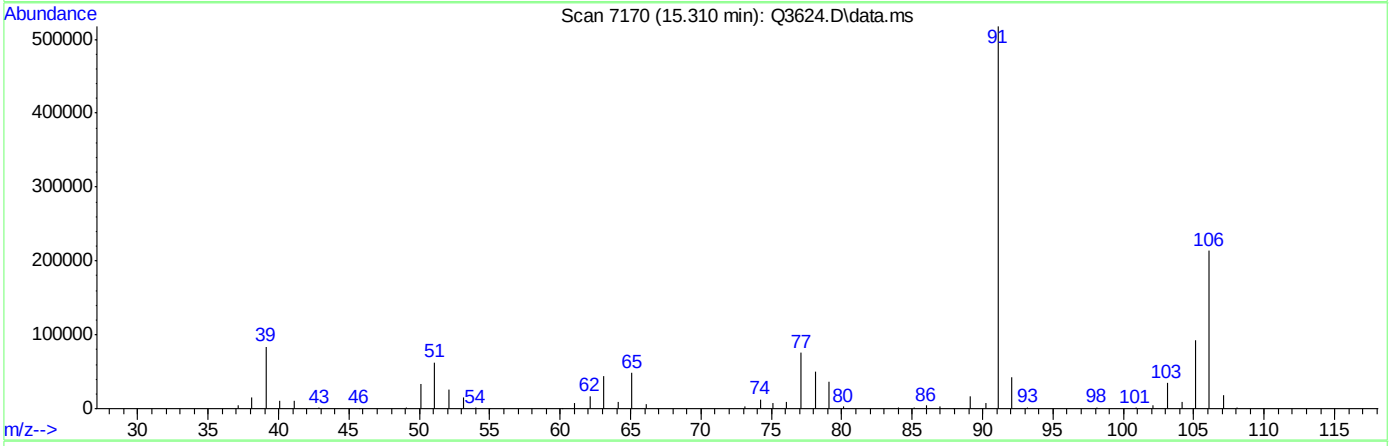
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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





TIC: Q3624.D\data.ms

(56) m,p-XYLENE (m)

15.310min (-0.025) 14.49PPBV

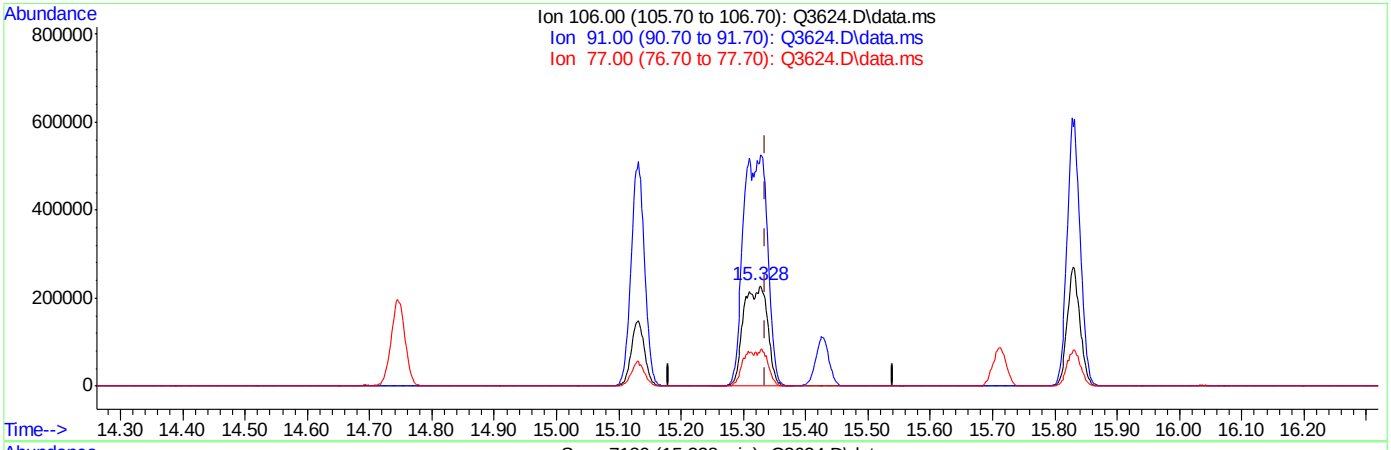
response 310747

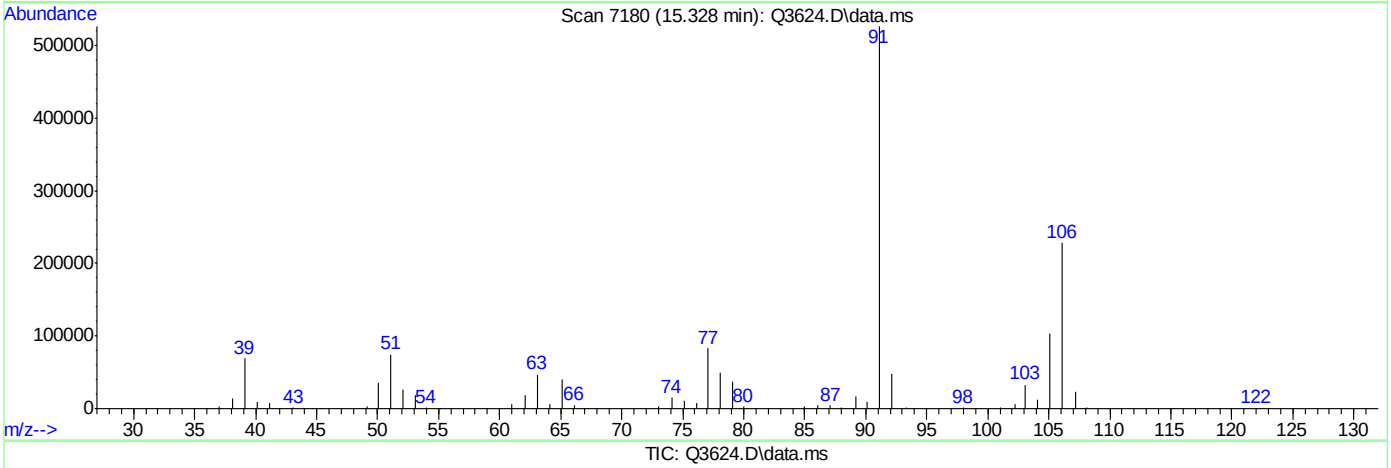
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	242.27
77.00	30.60	35.51
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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



TIC: Q3624.D\data.ms

(56) m,p-XYLENE (m)

15.328min (-0.007) 28.30PPBV m

response 607052

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

ACCUTEST Laboratories M65607

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

Quantitation Report (QT Reviewed)

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

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

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

Quantitation Report (QT Reviewed)

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

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

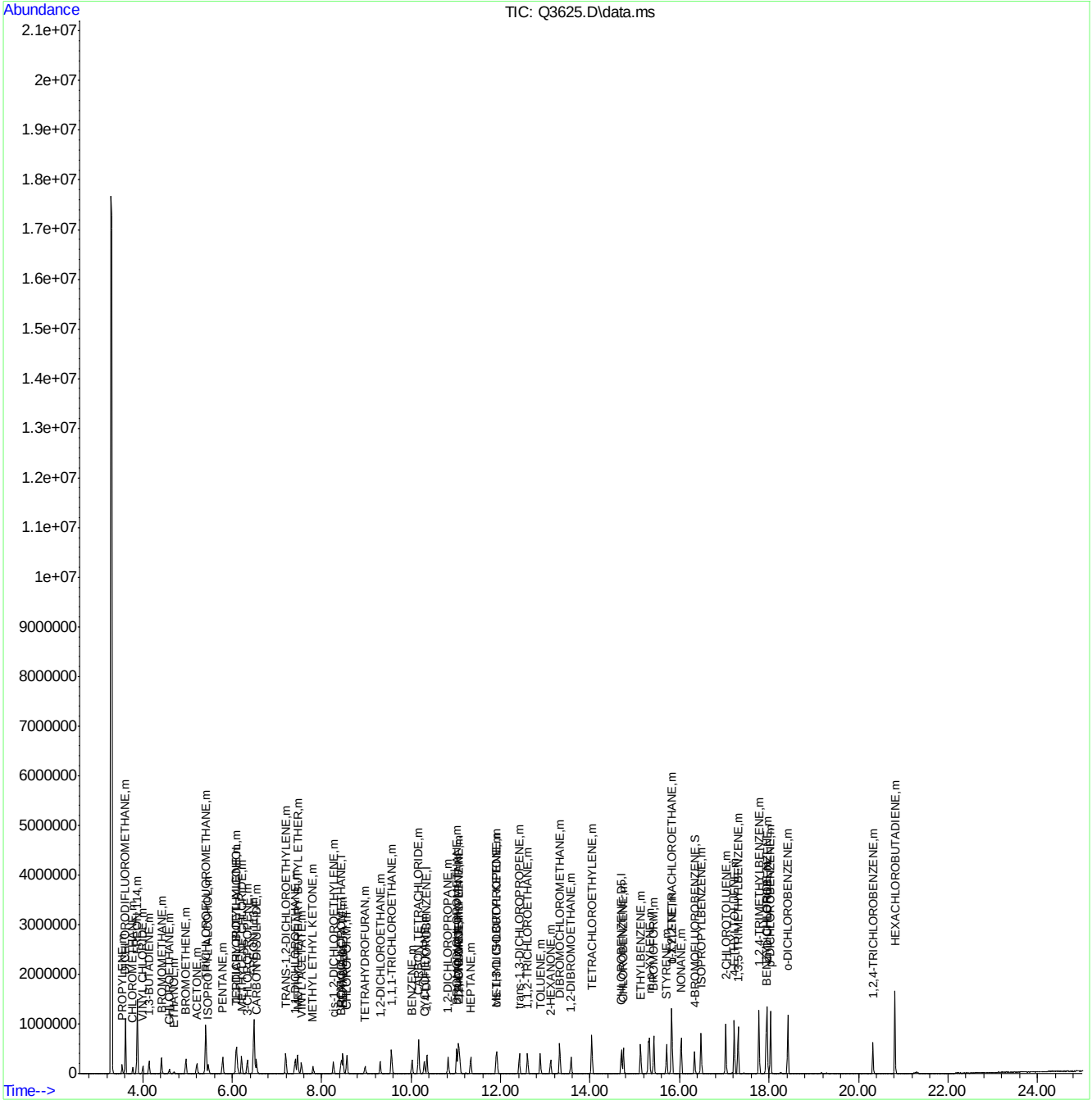
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.917	43	205855	8.09	PPBV	91
45) cis-1,3-DICHLOROPROPENE	11.899	75	128657	8.21	PPBV #	75
46) TOLUENE	12.882	92	126199	6.96	PPBV	97
47) trans-1,3-DICHLOROPROPENE	12.415	75	149850	7.49	PPBV #	99
48) 1,1,2-TRICHLOROETHANE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

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

Quantitation Report (QT Reviewed)

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

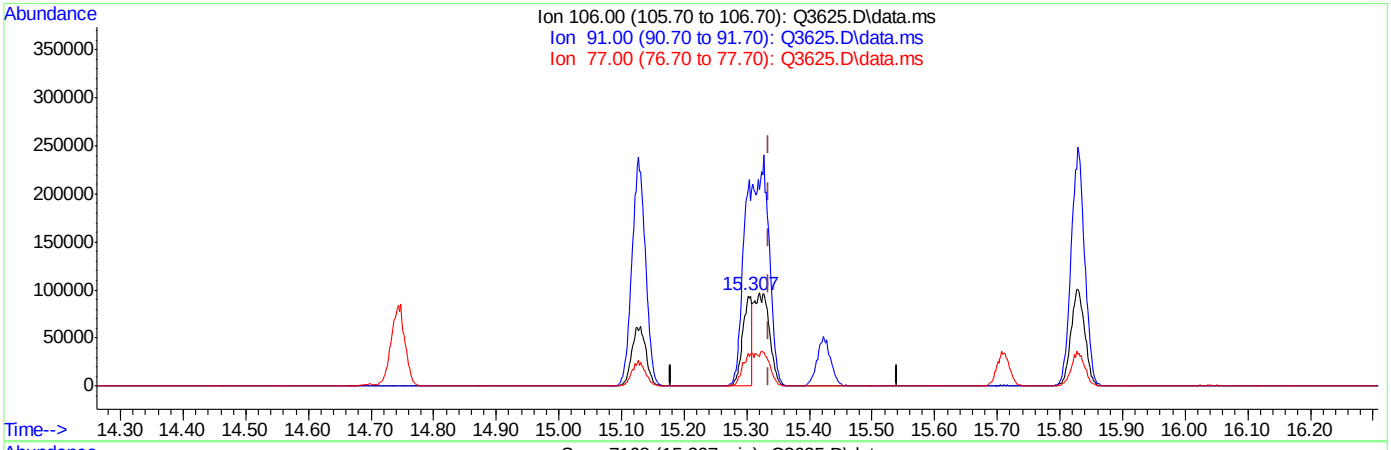
Quant Time: Jun 06 09:05:32 2007
Quant Method : C:\msdchem\1\METHODS\Q053007T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jun 05 16:59:00 2007
Response via : Initial Calibration

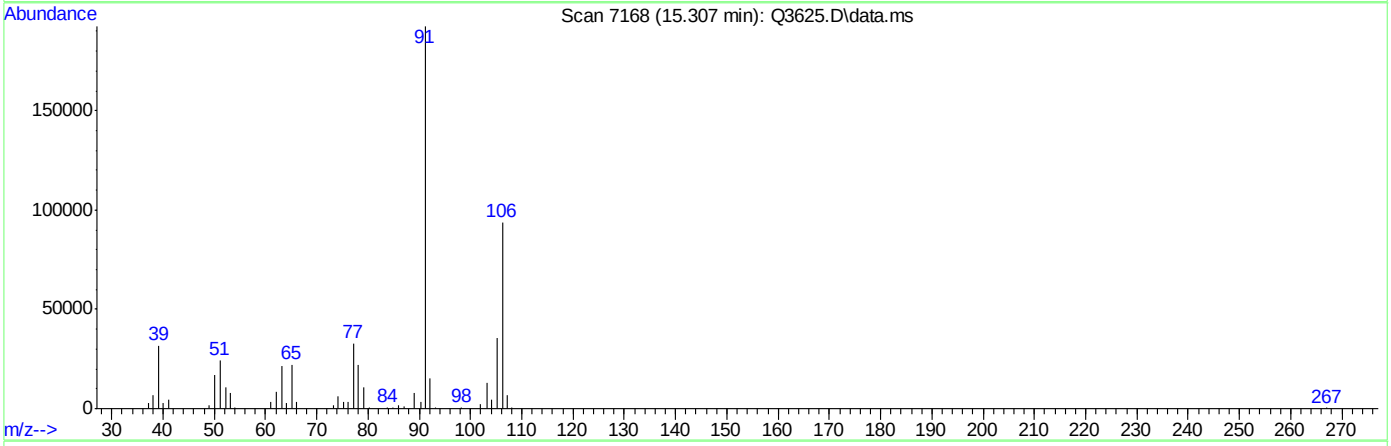


Quantitation Report (Qedit)

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

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





TIC: Q3625.D\data.ms

(56) m,p-XYLENE (m)

15.307min (-0.028) 5.47PPBV

response 96515

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

ACCUTEST Laboratories M65607

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

Quantitation Report (QT Reviewed)

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

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.435	128	39678	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.353	114	168900	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.694	117	147506	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.336	95	82546	5.05	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 101.00%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	3.611	85	249829	4.52	PPBV	85
3) PROPYLENE	3.543	41	29336	5.72	PPBV	90
4) FREON 114	3.874	85	187909	4.21	PPBV #	100
5) CHLOROMETHANE	3.779	50	37655	5.08	PPBV	89
6) VINYL CHLORIDE	4.005	62	37241	4.18	PPBV	72
7) 1,3-BUTADIENE	4.140	39	41456	4.33	PPBV #	100
8) BROMOMETHANE	4.415	94	46167	3.84	PPBV #	100
9) CHLOROETHANE	4.587	64	17157	4.30	PPBV #	100
10) TRICHLOROFLUOROMETHANE	5.409	101	299011	4.55	PPBV #	100
11) ISOPROPYL ALCOHOL	5.464	45	87381	4.77	PPBV	90
12) ACETONE	5.206	43	99173	4.57	PPBV	83
13) PENTANE	5.781	42	47330	4.76	PPBV #	100
14) 1,1-DICHLOROETHYLENE	6.085	96	62830	5.16	PPBV #	17
15) CARBON DISULFIDE	6.541	76	166031	5.29	PPBV #	56
16) ETHANOL	4.695	45	10936	4.16	PPBV #	100
17) BROMOETHENE	4.965	106	48003	3.76	PPBV #	100
18) METHYLENE CHLORIDE	6.211	84	58942	5.78	PPBV #	1
19) 3-CHLOROPROPENE	6.339	39	74097	5.11	PPBV #	2
20) FREON 113	6.486	151	193202	5.14	PPBV #	100
21) TRANS-1,2-DICHLOROETHY...	7.196	96	69814	5.64	PPBV #	100
22) TERTIARY BUTYL ALCOHOL	6.103	59	121500	5.06	PPBV #	100
23) METHYL TERTIARY BUTYL ...	7.462	73	172712	5.61	PPBV #	100
24) TETRAHYDROFURAN	8.972	42	32246	4.48	PPBV #	100
25) HEXANE	8.470	57	37627	4.79	PPBV #	100
26) VINYL ACETATE	7.544	43	146752	5.31	PPBV	83
27) 1,1-DICHLOROETHANE	7.402	63	122072	5.66	PPBV #	100
28) METHYL ETHYL KETONE	7.805	43	78671	4.95	PPBV	92
29) cis-1,2-DICHLOROETHYLENE	8.261	96	28401	4.69	PPBV #	100
30) ETHYL ACETATE	8.474	43	123678	4.70	PPBV	100
31) CHLOROFORM	8.562	83	105289	4.89	PPBV #	100
32) 1,1,1-TRICHLOROETHANE	9.558	97	131345	4.89	PPBV	91
33) CARBON TETRACHLORIDE	10.165	117	162926	4.75	PPBV	96
34) 1,2-DICHLOROETHANE	9.306	62	93843	5.07	PPBV	97
36) BENZENE	10.020	78	74756	4.50	PPBV	93
37) CYCLOHEXANE	10.295	84	23805	4.19	PPBV #	64
38) TRICHLOROETHYLENE	11.060	95	53956	4.31	PPBV #	85
39) 1,2-DICHLOROPROPANE	10.827	63	31226	4.70	PPBV	93
40) BROMODICHLOROMETHANE	11.019	83	112382	4.56	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.083	57	125471	4.56	PPBV	98
42) 1,4-DIOXANE	11.049	88	13882	4.03	PPBV #	36
43) HEPTANE	11.329	43	52176	4.36	PPBV	83

Quantitation Report (QT Reviewed)

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

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

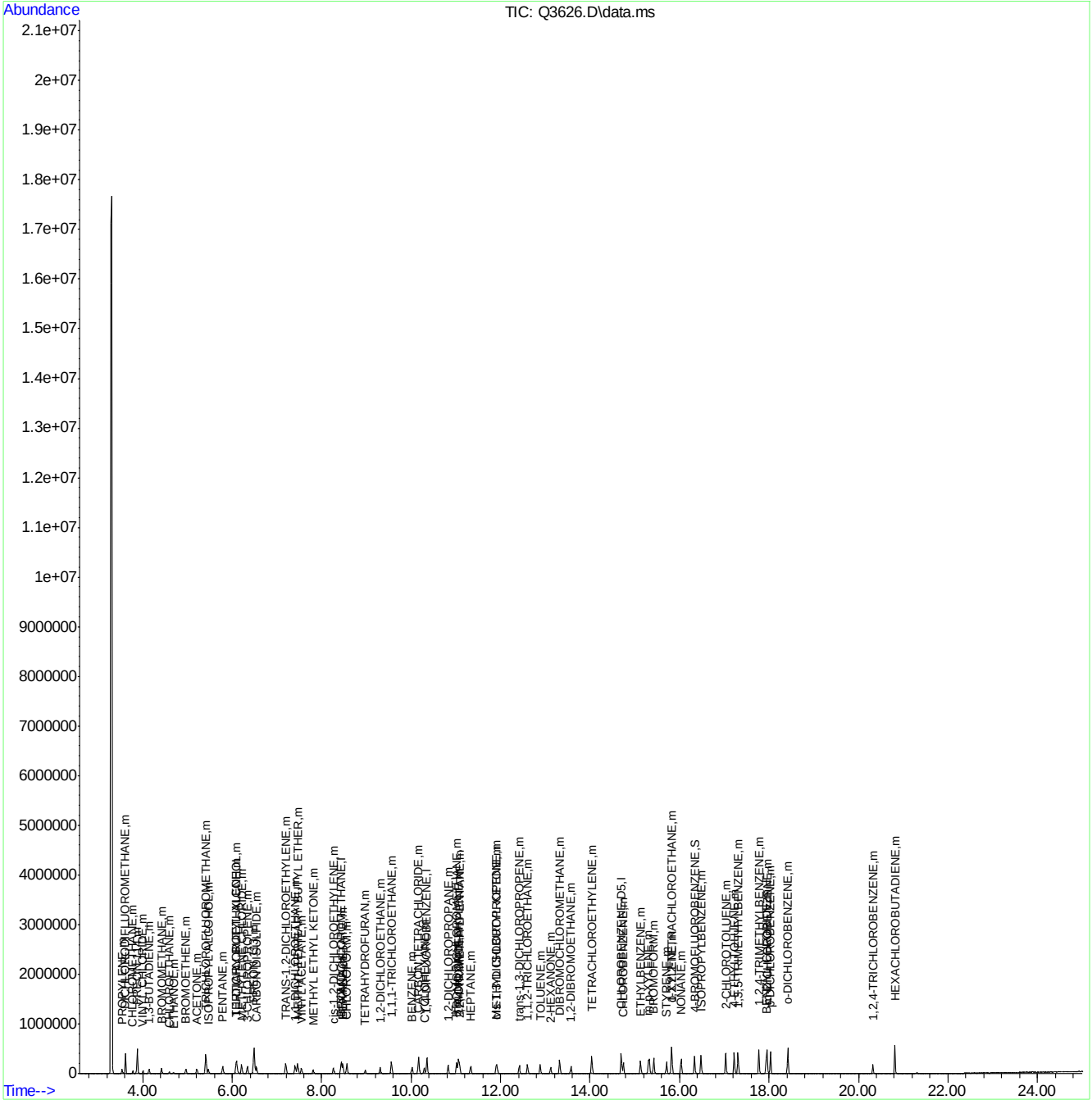
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.920	43	86898	4.28	PPBV	89
45) cis-1,3-DICHLOROPROPENE	11.899	75	53015	4.22	PPBV #	65
46) TOLUENE	12.882	92	55920	4.03	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.416	75	64074	4.10	PPBV #	97
48) 1,1,2-TRICHLOROETHANE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

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

Quantitation Report (QT Reviewed)

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

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

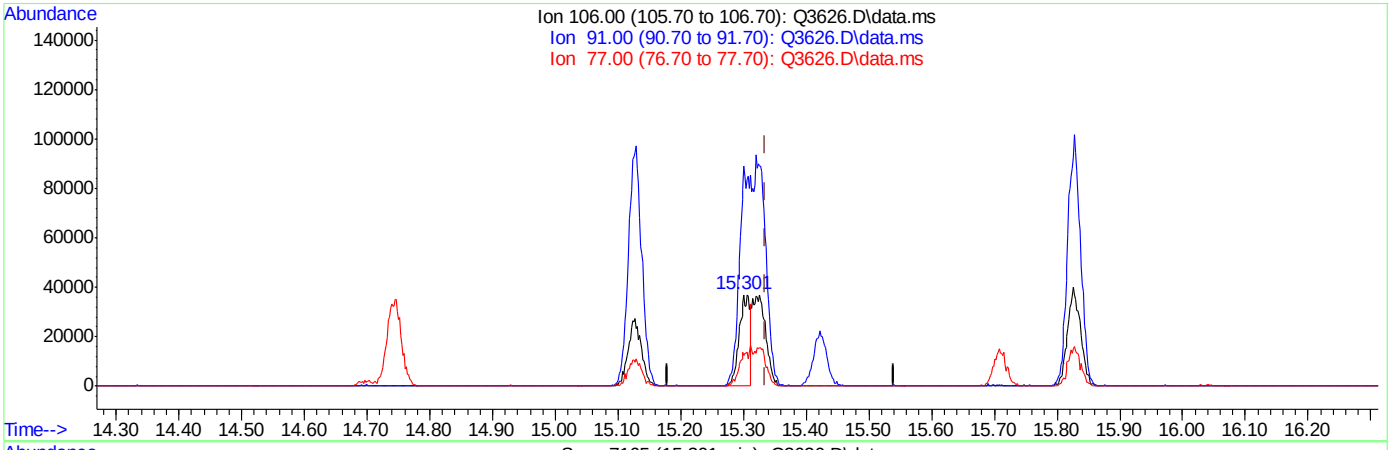


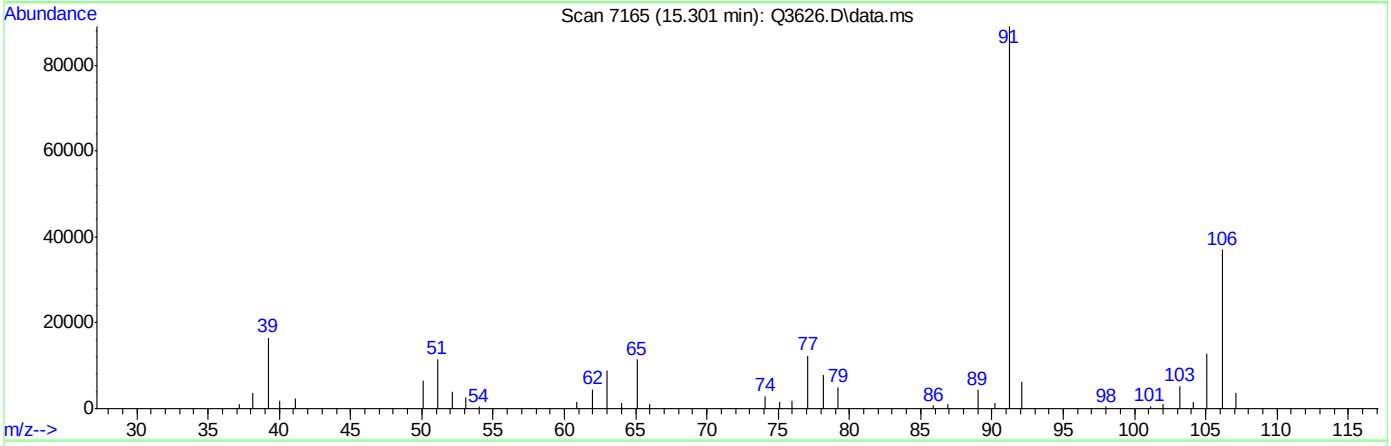
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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





TIC: Q3626.D\data.ms

(56) m,p-XYLENE (m)

15.301min (-0.034) 3.49PPBV

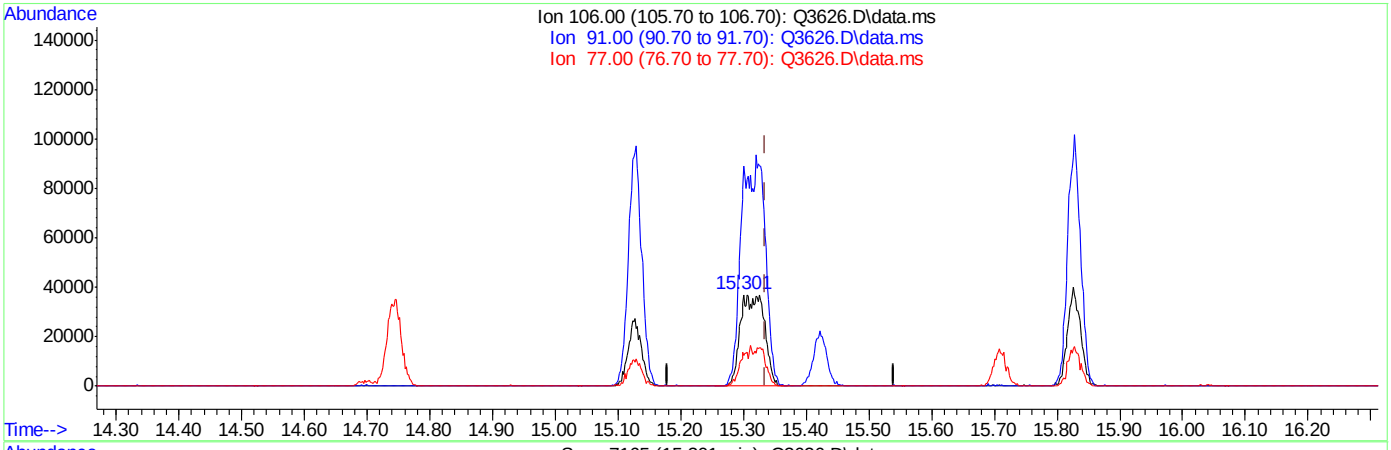
response 46067

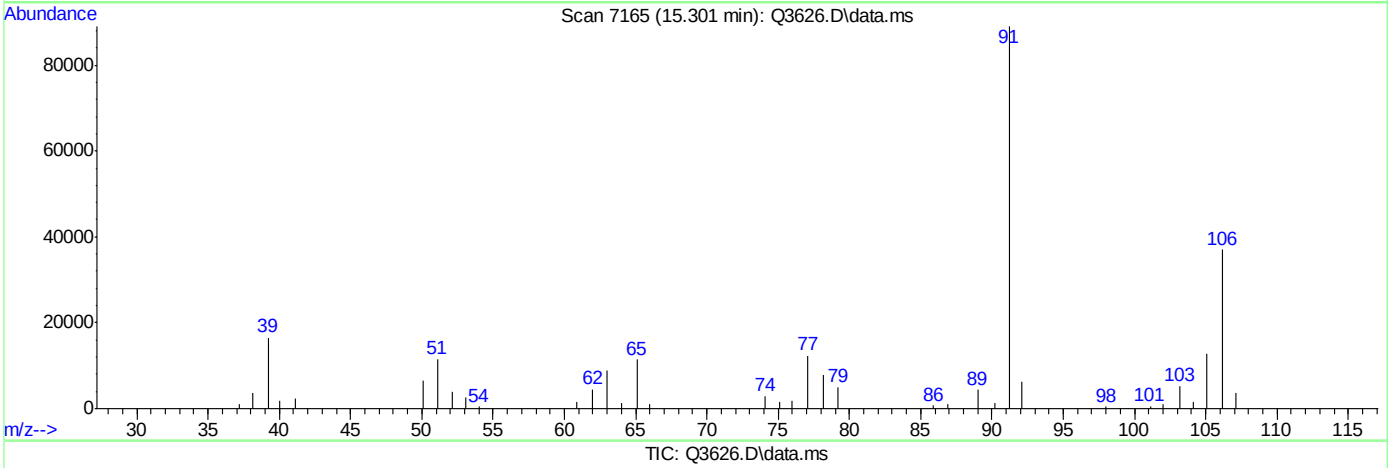
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	240.79
77.00	30.60	33.41
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3626.D\data.ms

(56) m,p-XYLENE (m)

15.301min (-0.034) 7.63PPBV m

response 100745

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

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

Quantitation Report (QT Reviewed)

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

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.435	128	46804	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.350	114	196316	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.698	117	164393	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.331	95	83185	4.55	PPBV	-0.01

Spiked Amount 5.000 Range 57 - 139 Recovery = 91.00%

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

Quantitation Report (QT Reviewed)

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

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

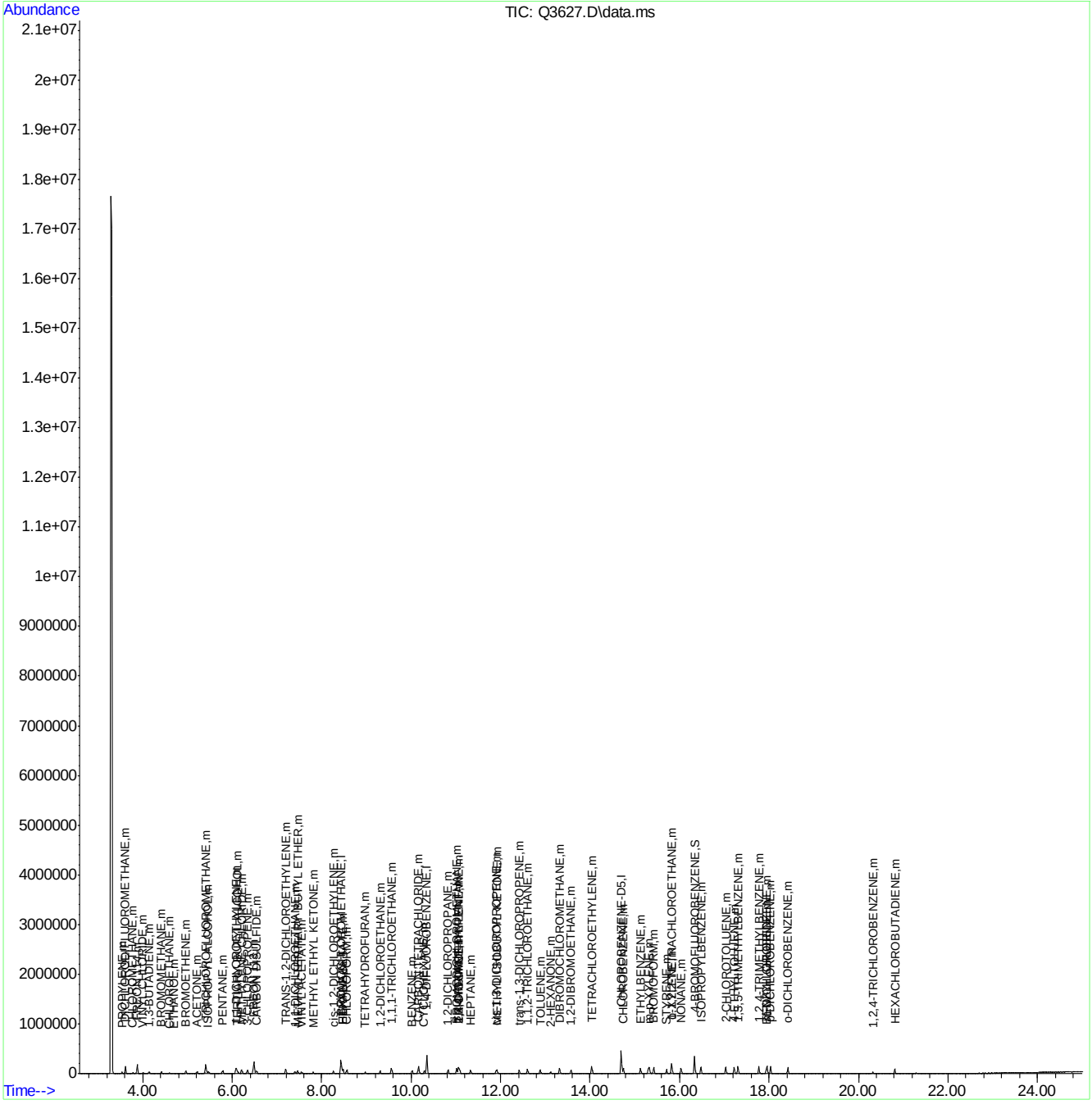
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.920	43	35839	1.58	PPBV	90
45) cis-1,3-DICHLOROPROPENE	11.897	75	21357	1.52	PPBV #	62
46) TOLUENE	12.879	92	23498	1.53	PPBV	91
47) trans-1,3-DICHLOROPROPENE	12.414	75	24125	1.39	PPBV #	100
48) 1,1,2-TRICHLOROETHANE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

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

Quantitation Report (QT Reviewed)

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

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

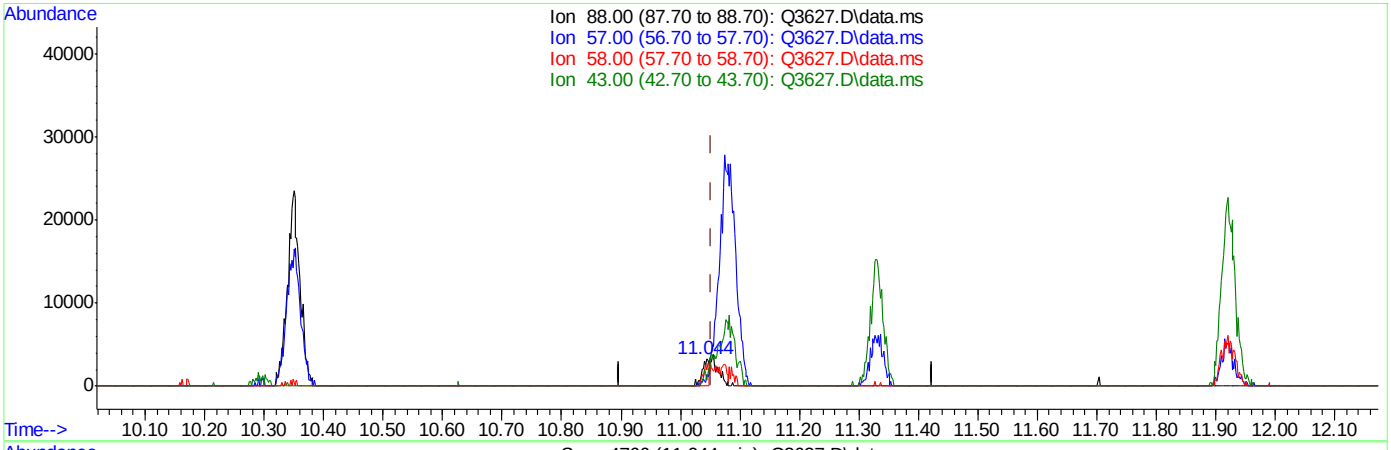


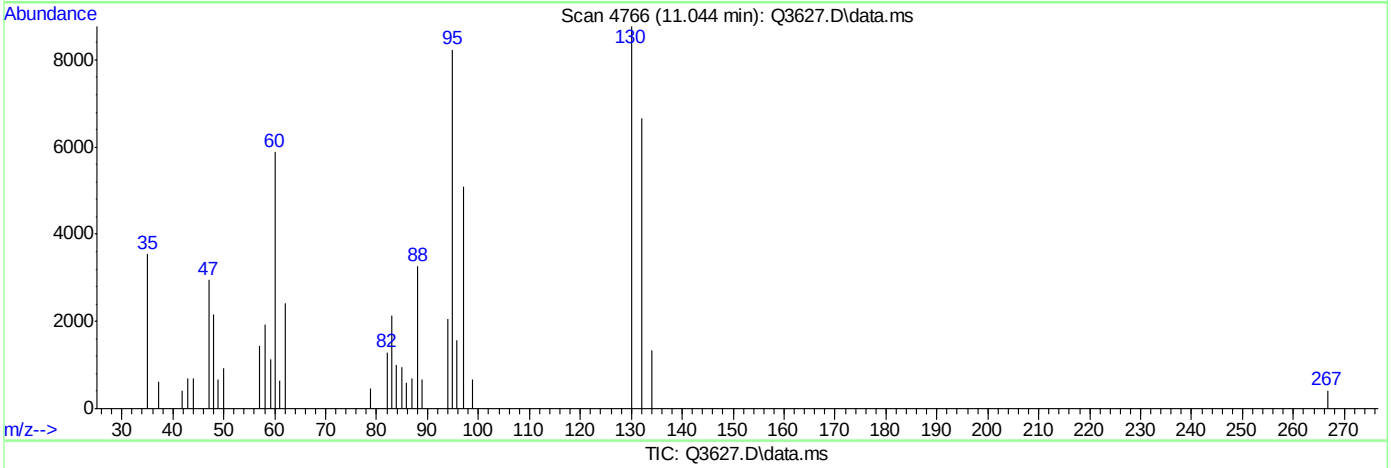
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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





TIC: Q3627.D\data.ms

(42) 1,4-DIOXANE (m)

11.044min (-0.009) 0.63PPBV

response 2385

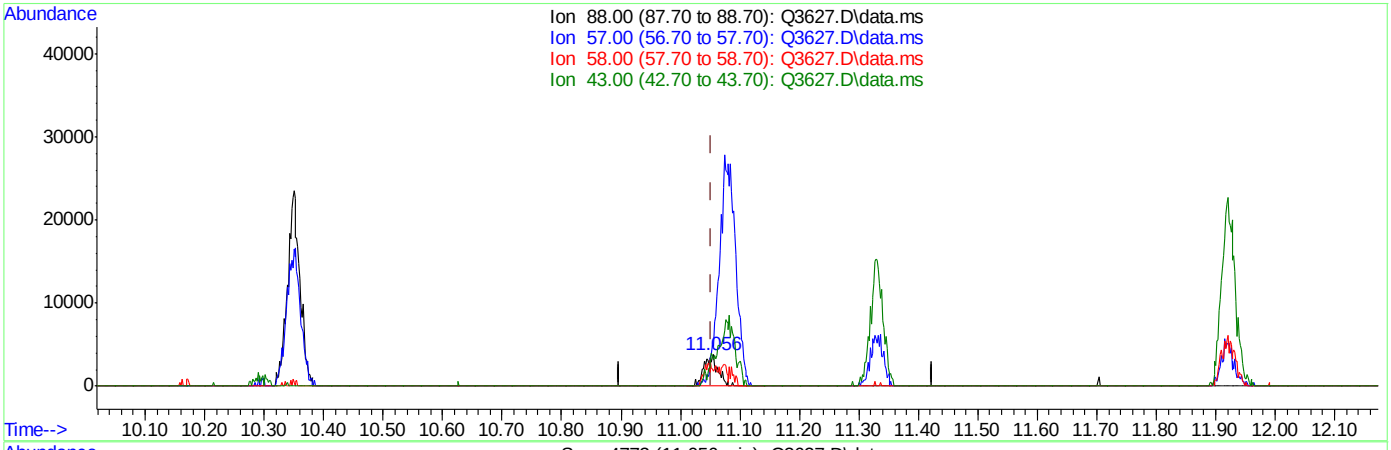
Ion	Exp%	Act%
88.00	100	100
57.00	23.90	44.25#
58.00	54.80	59.11
43.00	32.10	21.48

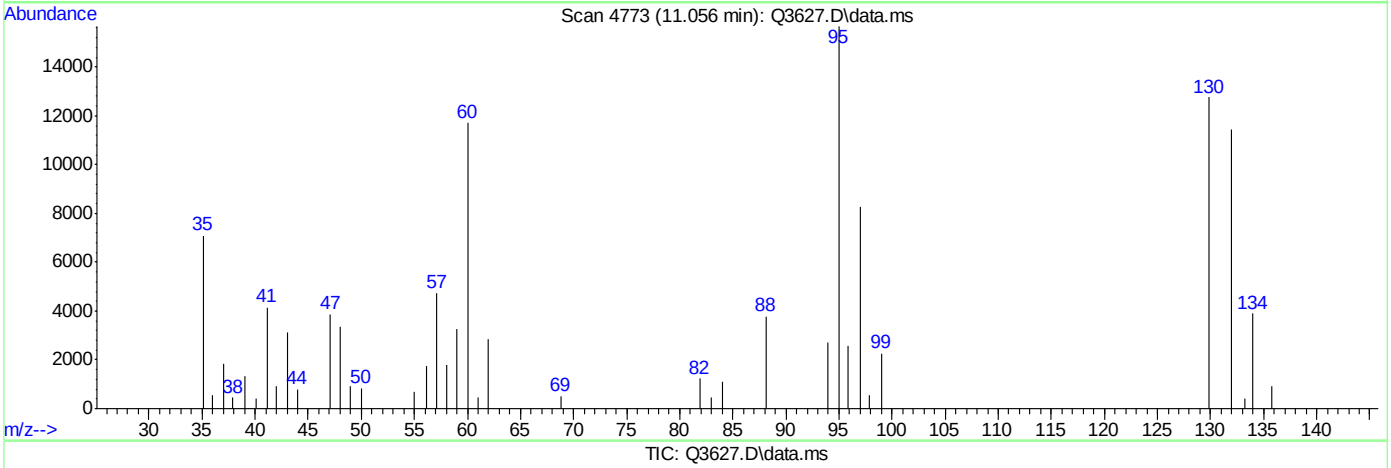
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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





TIC: Q3627.D\data.ms

(42) 1,4-DIOXANE (m)

11.056min (+0.004) 1.57PPBV m

response 5980

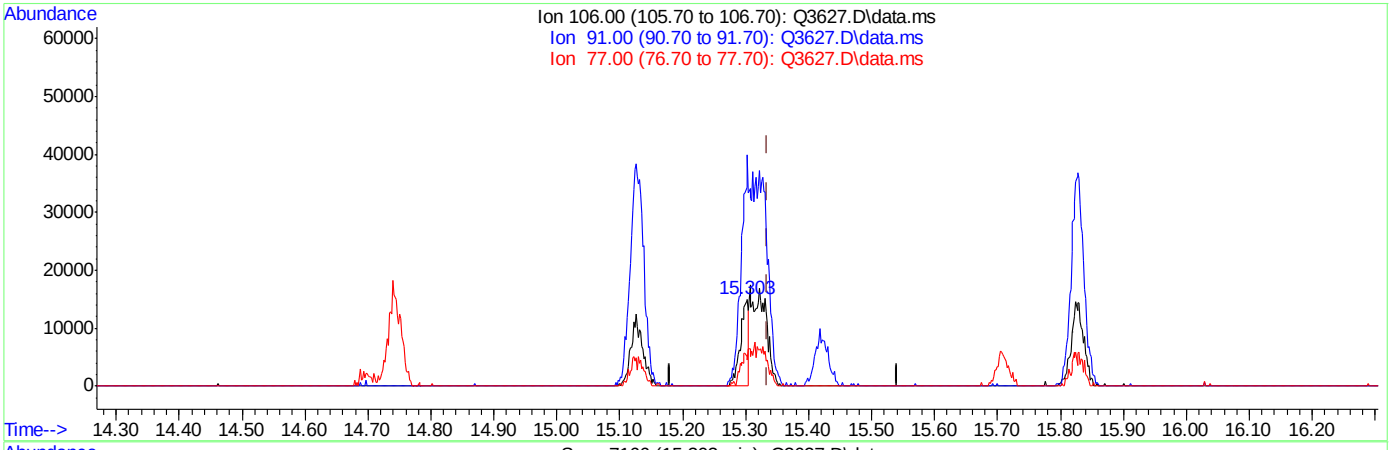
Ion	Exp%	Act%
88.00	100	100
57.00	23.90	126.17#
58.00	54.80	47.31
43.00	32.10	83.44#

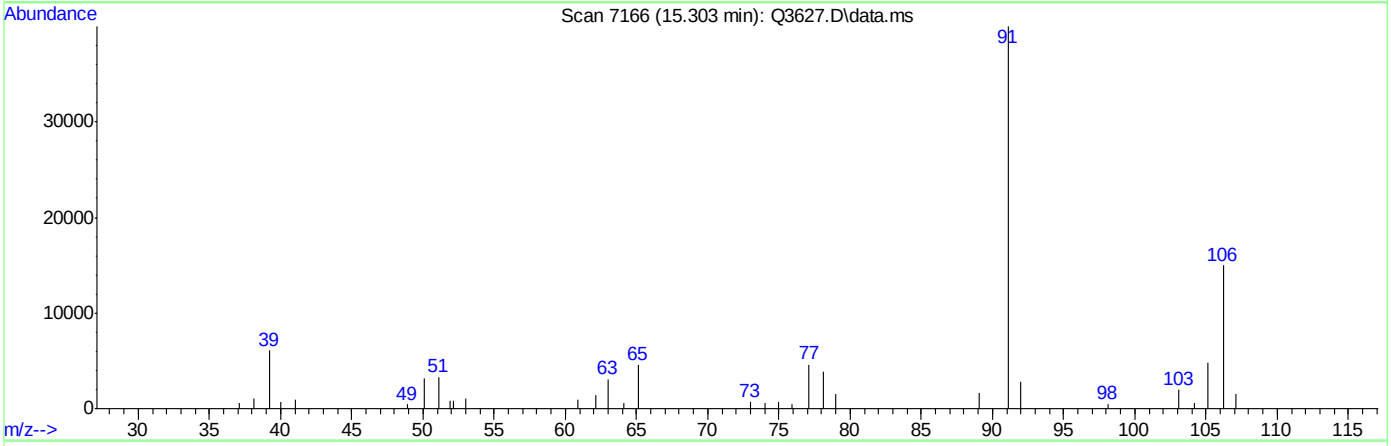
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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





TIC: Q3627.D\data.ms

(56) m,p-XYLENE (m)

15.303min (-0.032) 1.02PPBV

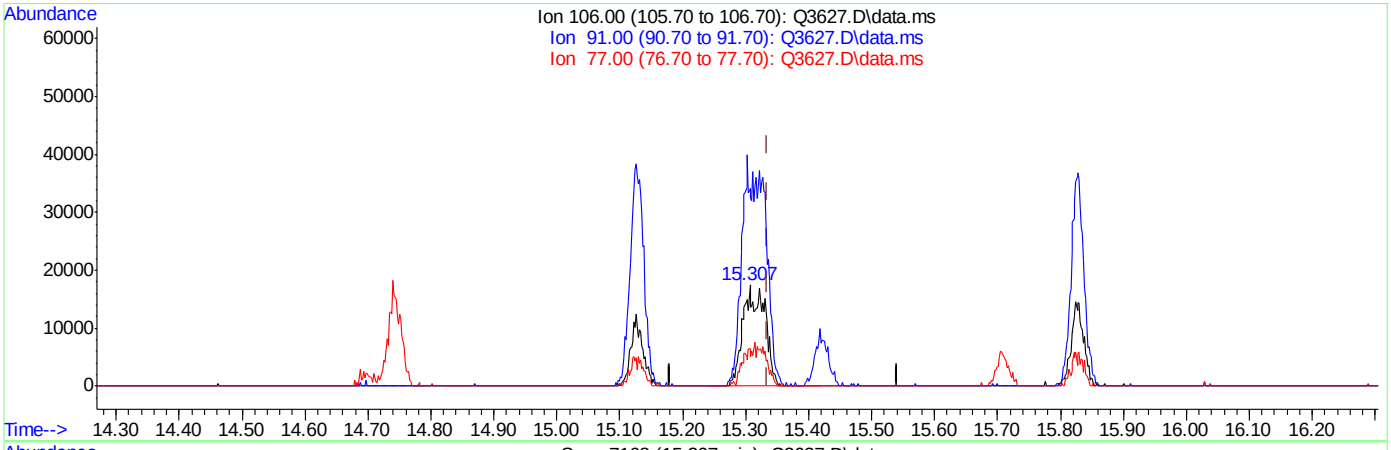
response 14153

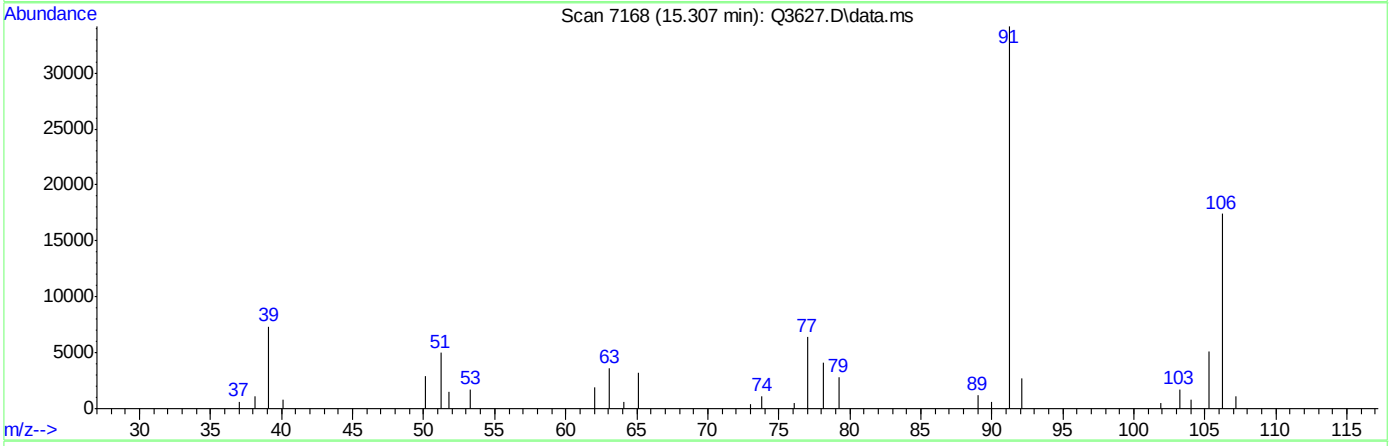
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	266.92#
77.00	30.60	30.80
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3627.D\data.ms

(56) m,p-XYLENE (m)

15.307min (-0.028) 3.09PPBV m

response 42761

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

Q3628.D

Manual Integrations APPROVED (compounds with "m" flag)

Doug Yargeau 06/08/07 12:42

Quantitation Report (QT Reviewed)

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

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

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

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.332	95	80167	4.32	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 86.40%

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

Quantitation Report (QT Reviewed)

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

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

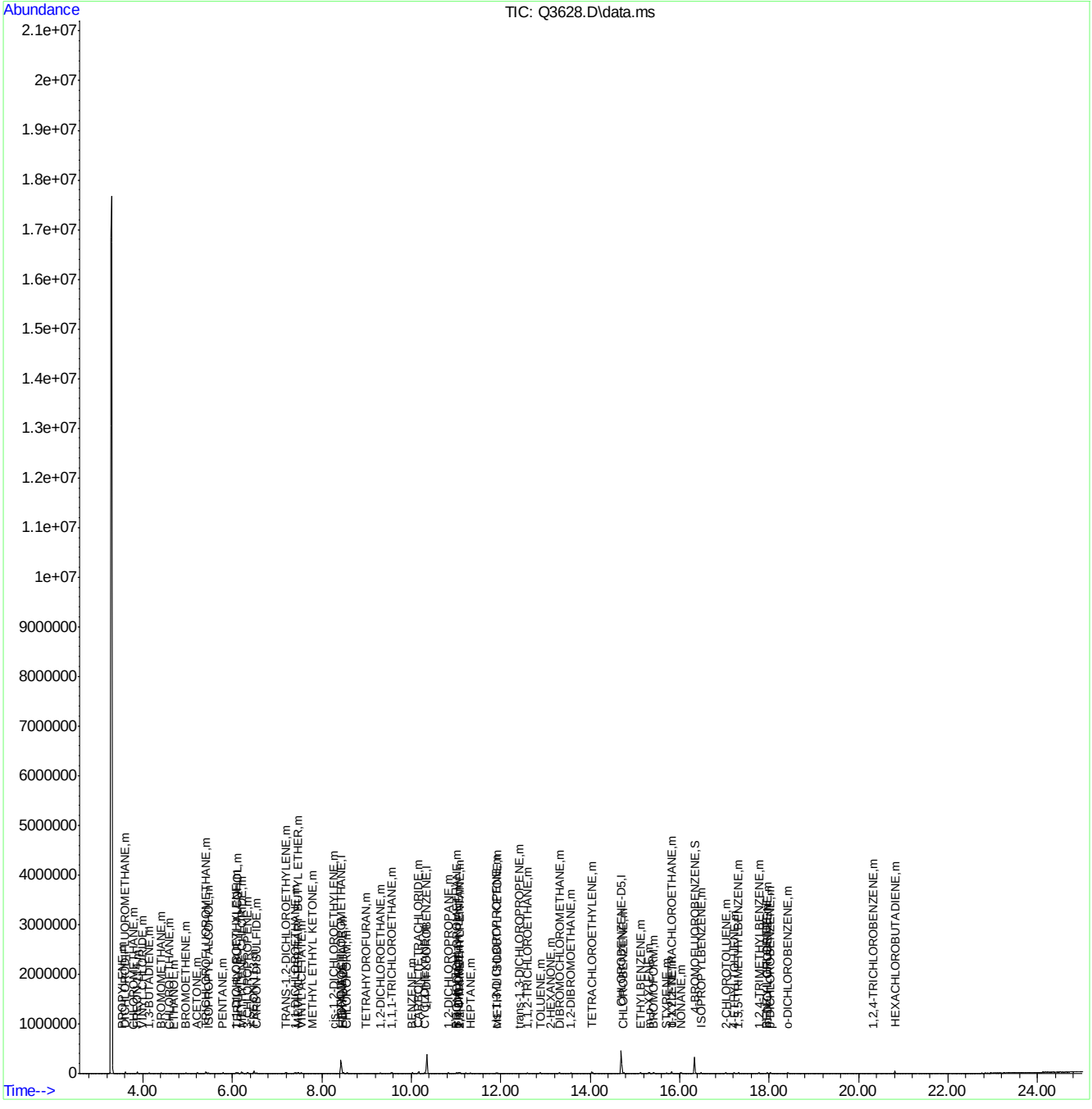
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.934	43	6096	0.27 PPBV #	78
45) cis-1,3-DICHLOROPROPENE	11.904	75	3864	0.28 PPBV	90
46) TOLUENE	12.877	92	4264	0.28 PPBV	94
47) trans-1,3-DICHLOROPROPENE	12.415	75	3420	0.20 PPBV #	90
48) 1,1,2-TRICHLOROETHANE	12.596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

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

Quantitation Report (QT Reviewed)

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

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

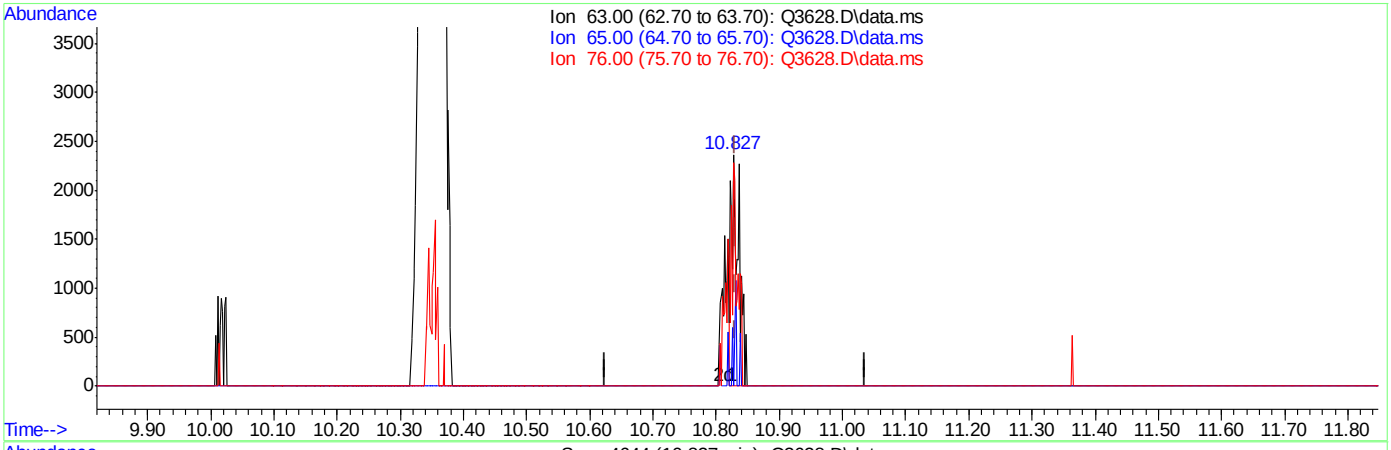


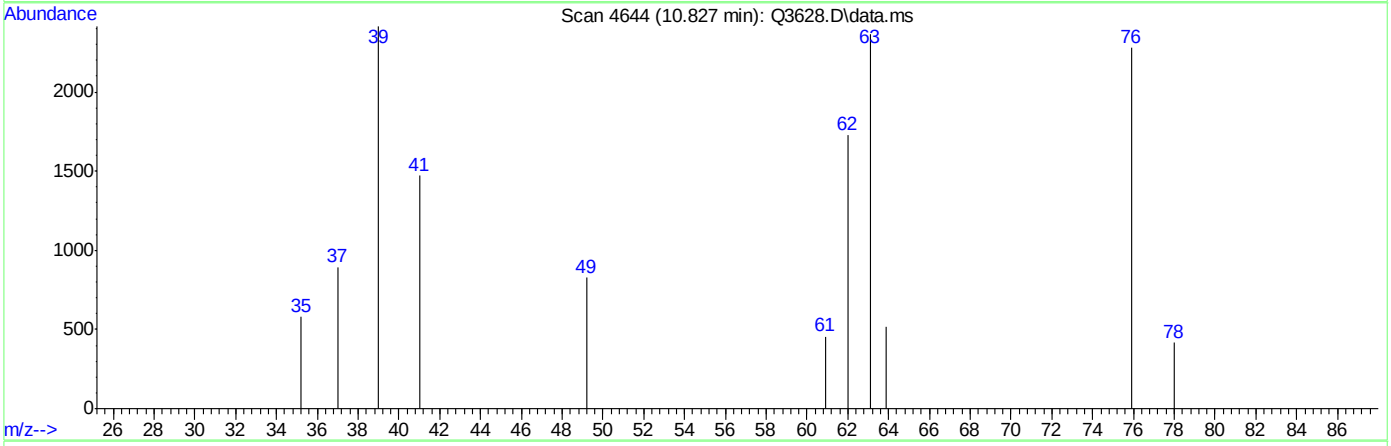
Q053007T.m Wed Jun 06 09:09:40 2007 RPT1 Page: 3

Quantitation Report (Qedit)

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

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





TIC: Q3628.D\data.ms

(39) 1,2-DICHLOROPROPANE (m)

10.827min (-0.004) 0.26PPBV

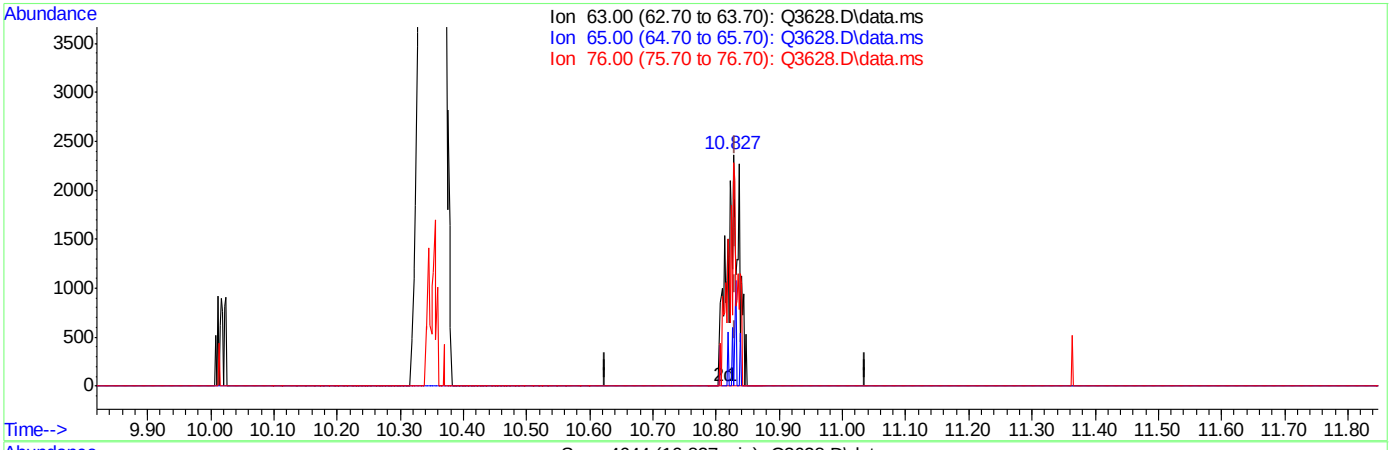
response 1996

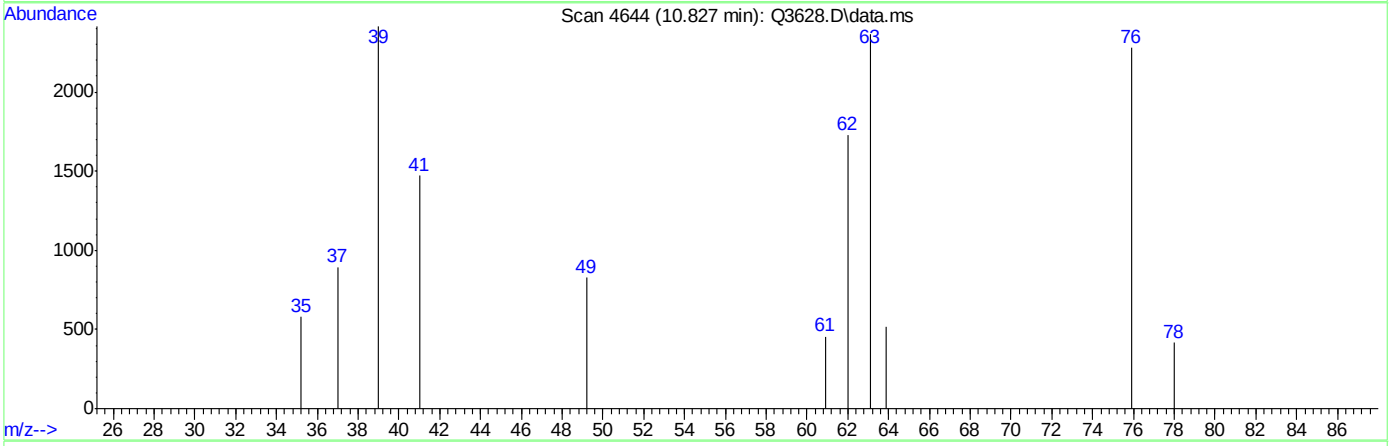
Ion	Exp%	Act%
63.00	100	100
65.00	30.30	14.73
76.00	92.00	110.67
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3628.D\data.ms

(39) 1,2-DICHLOROPROPANE (m)

10.827min (-0.004) 0.39PPBV m

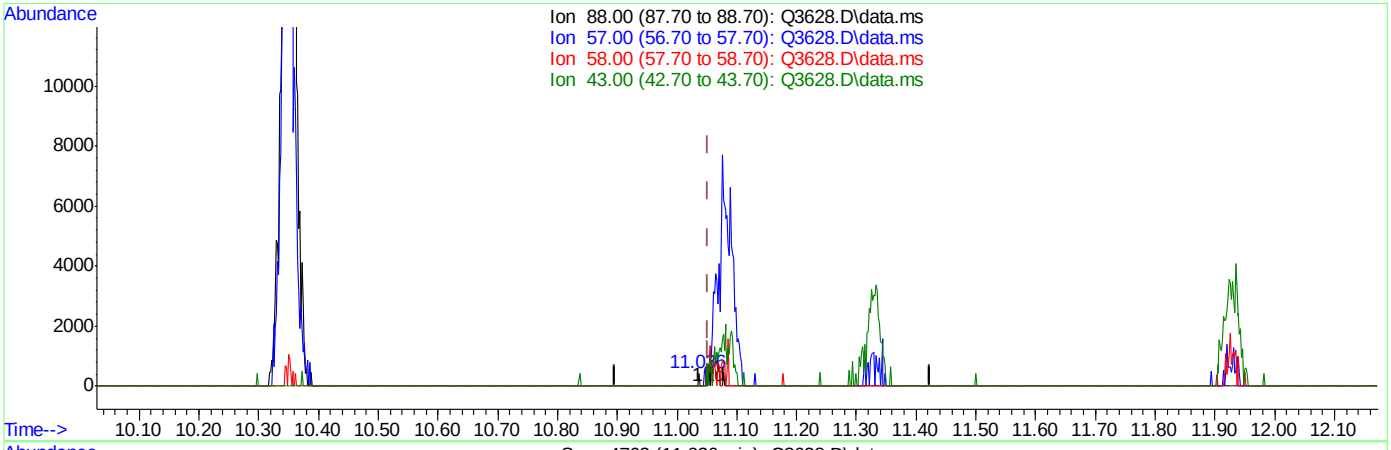
response 3012

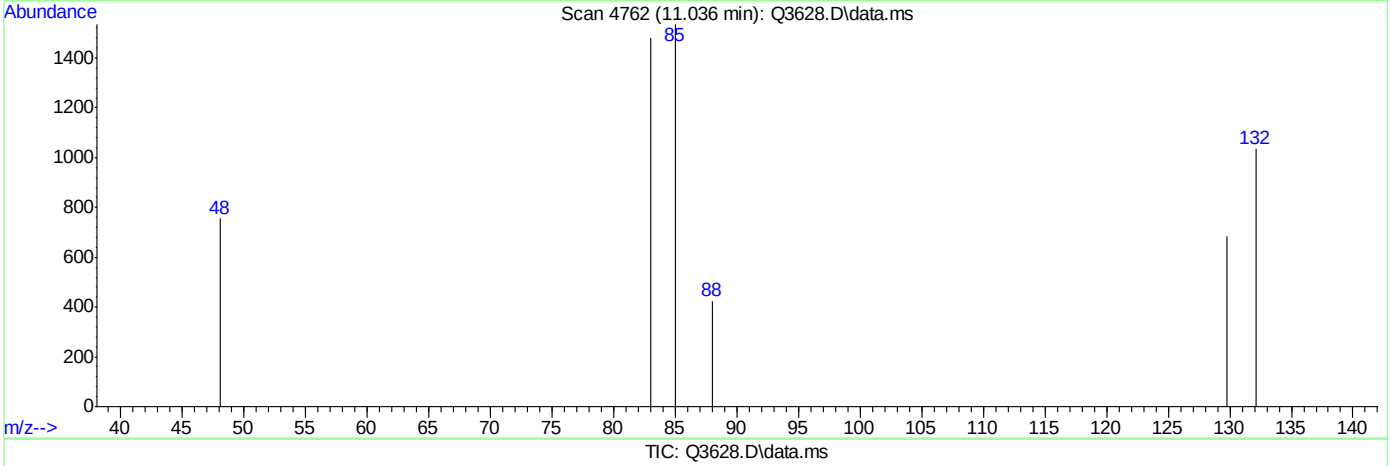
Ion	Exp%	Act%
63.00	100	100
65.00	30.30	9.76#
76.00	92.00	73.34
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3628.D\data.ms

(42) 1,4-DIOXANE (m)

11.036min (-0.016) 0.01PPBV

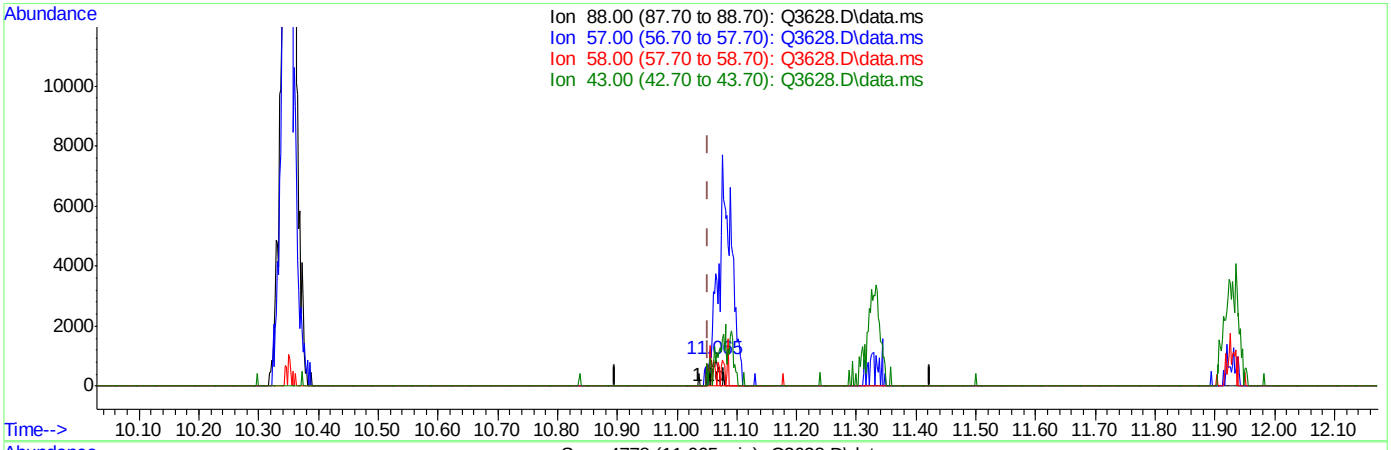
response 45

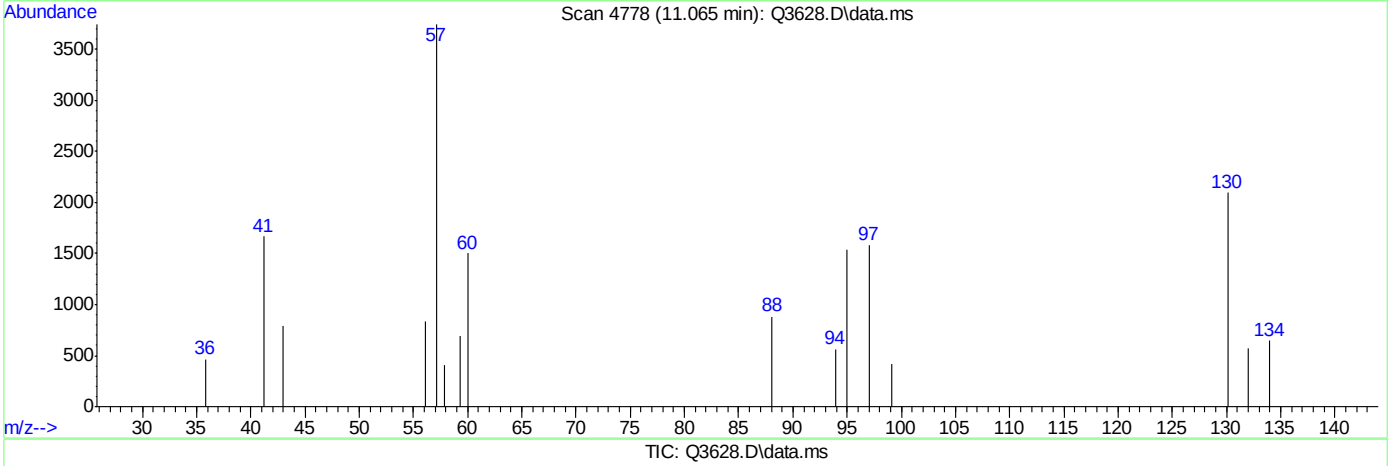
Ion	Exp%	Act%
88.00	100	100
57.00	23.90	0.00#
58.00	54.80	0.00#
43.00	32.10	0.00#

Quantitation Report (Qedit)

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

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





TIC: Q3628.D\data.ms

(42) 1,4-DIOXANE (m)

11.065min (+0.012) 0.21PPBV m

response 813

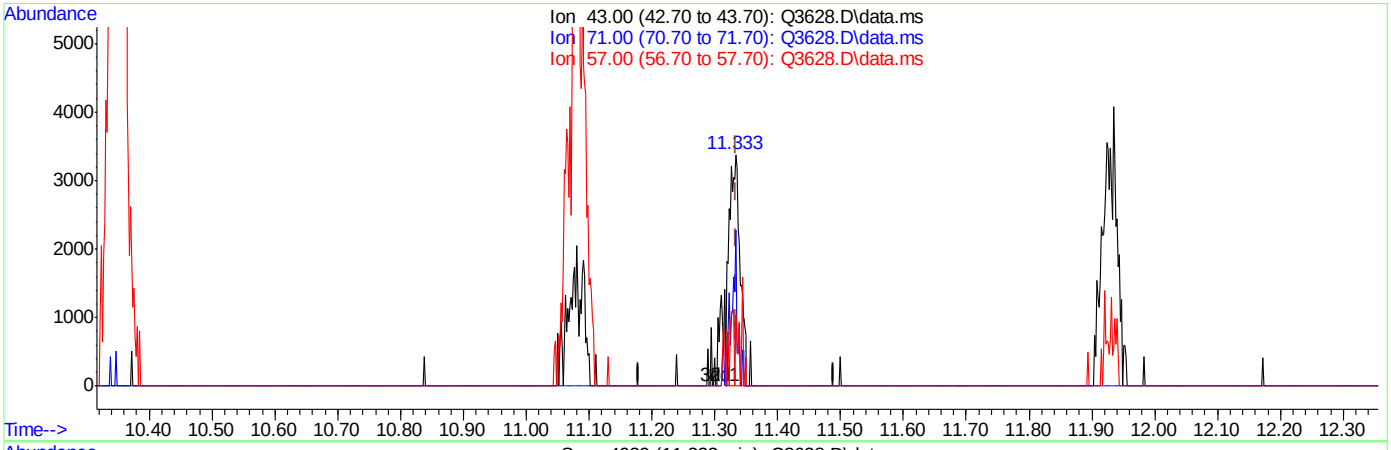
Ion	Exp%	Act%
88.00	100	100
57.00	23.90	425.68#
58.00	54.80	46.59
43.00	32.10	89.55#

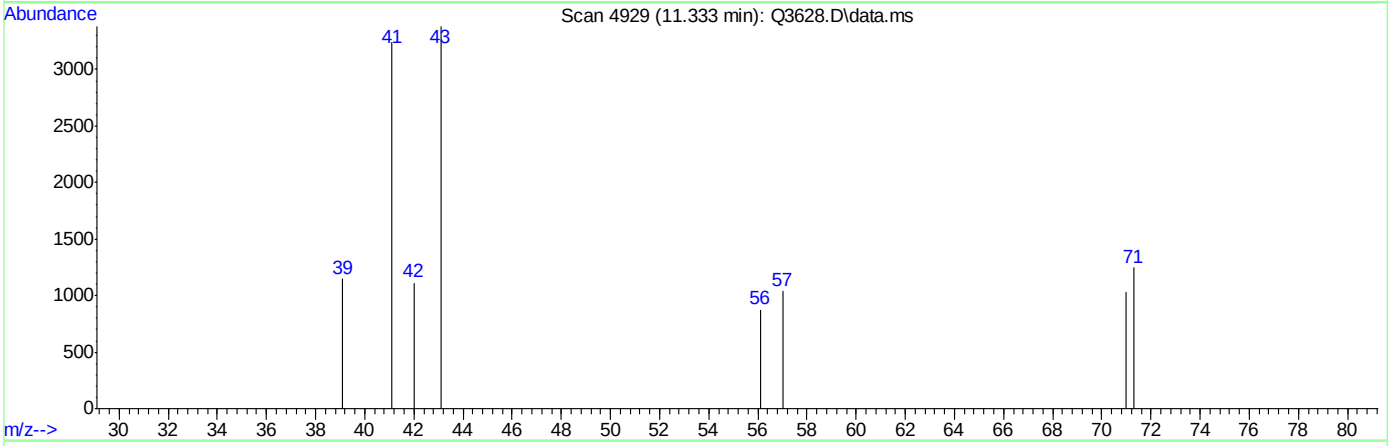
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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





TIC: Q3628.D\data.ms

(43) HEPTANE (m)

11.333min (-0.002) 0.30PPBV

response 4114

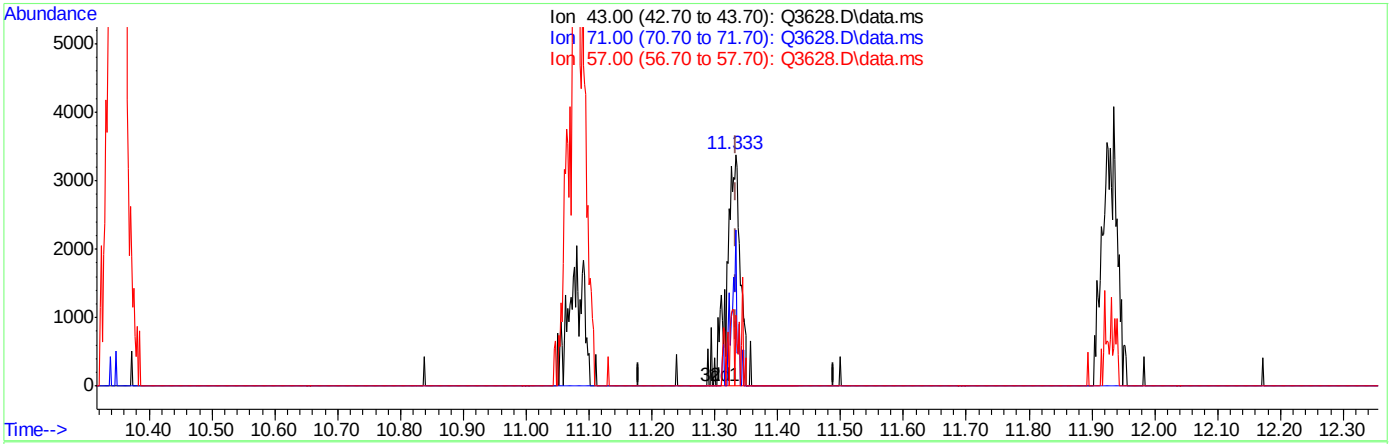
Ion	Exp%	Act%
43.00	100	100
71.00	52.40	36.56
57.00	48.00	19.88#
0.00	0.00	0.00

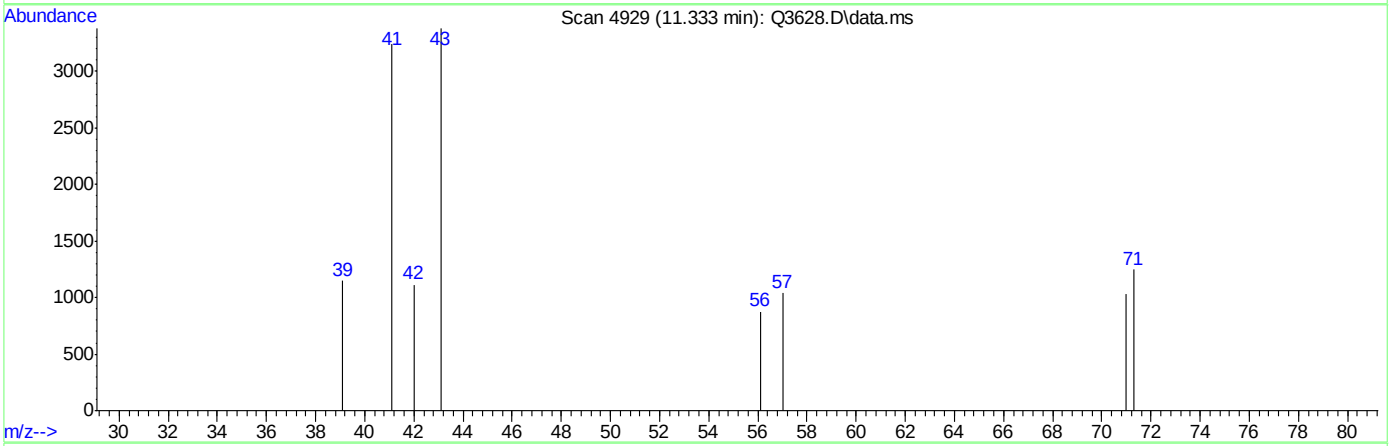
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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





TIC: Q3628.D\data.ms

(43) HEPTANE (m)

11.333min (-0.002) 0.38PPBV m

response 5173

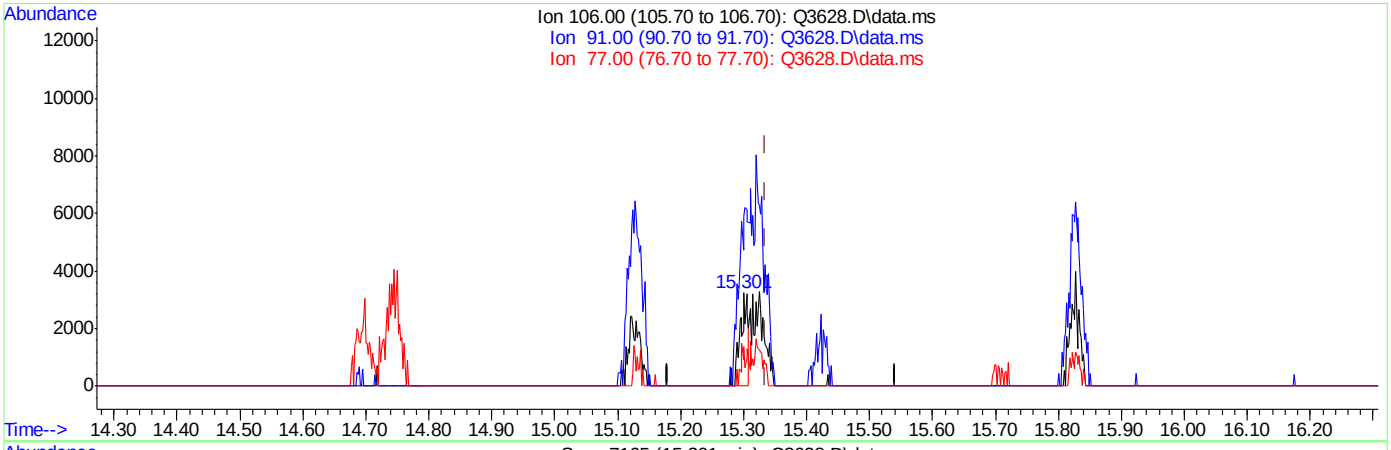
Ion	Exp%	Act%
43.00	100	100
71.00	52.40	29.07#
57.00	48.00	15.81#
0.00	0.00	0.00

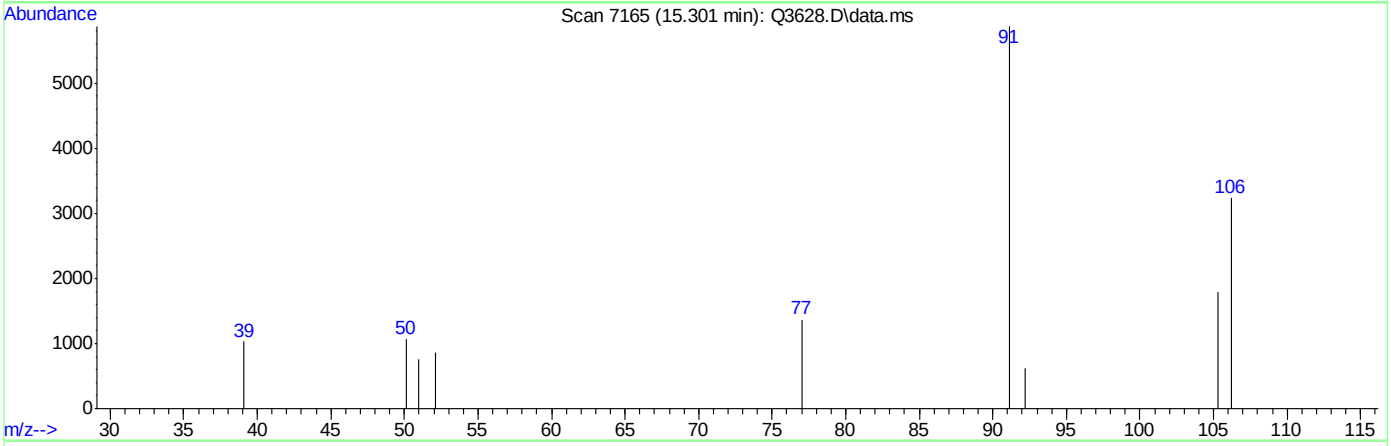
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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





TIC: Q3628.D\data.ms

(56) m,p-XYLENE (m)

15.301min (-0.034) 0.21PPBV

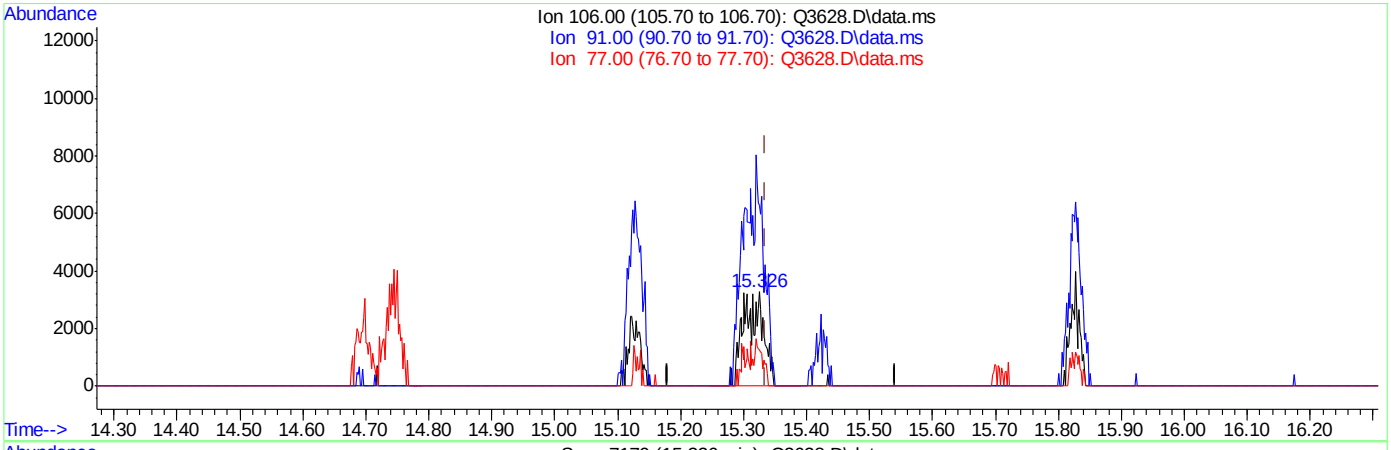
response 2885

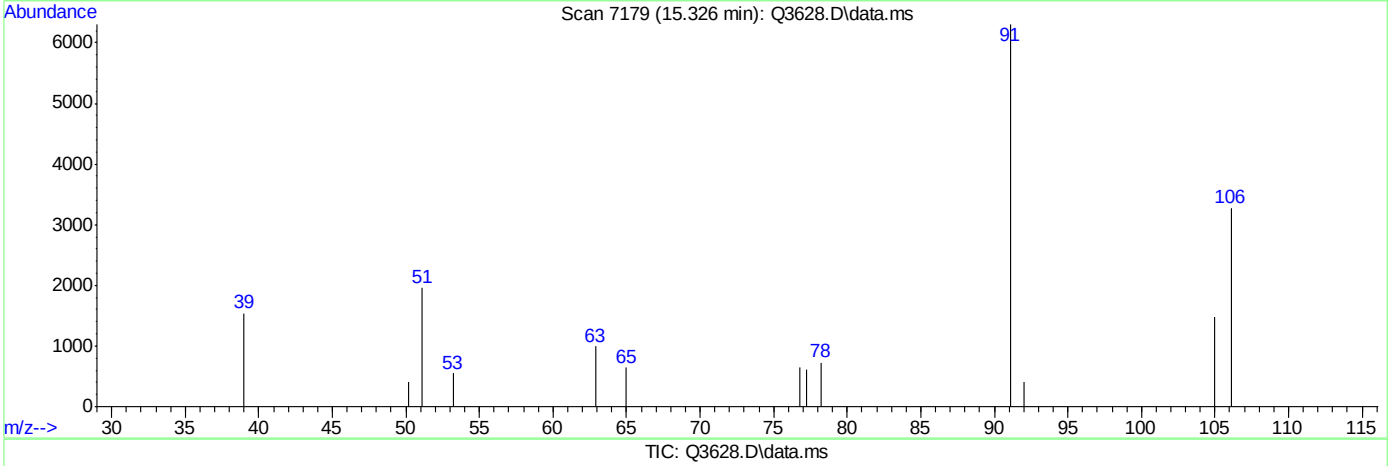
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	181.47
77.00	30.60	42.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3628.D\data.ms

(56) m,p-XYLENE (m)

15.326min (-0.009) 0.53PPBV m

response 7287

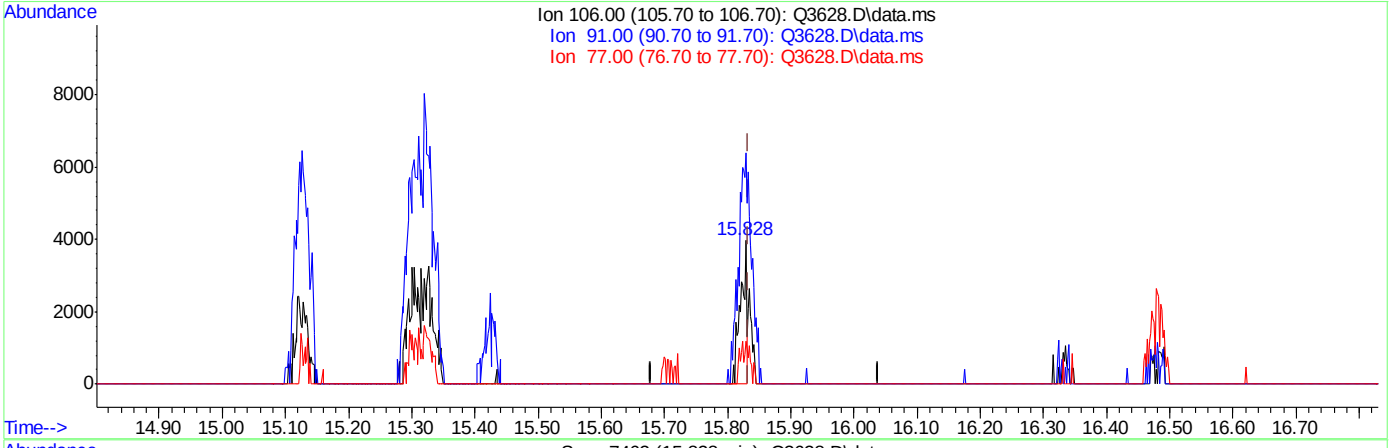
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	192.52
77.00	30.60	19.85#
0.00	0.00	0.00

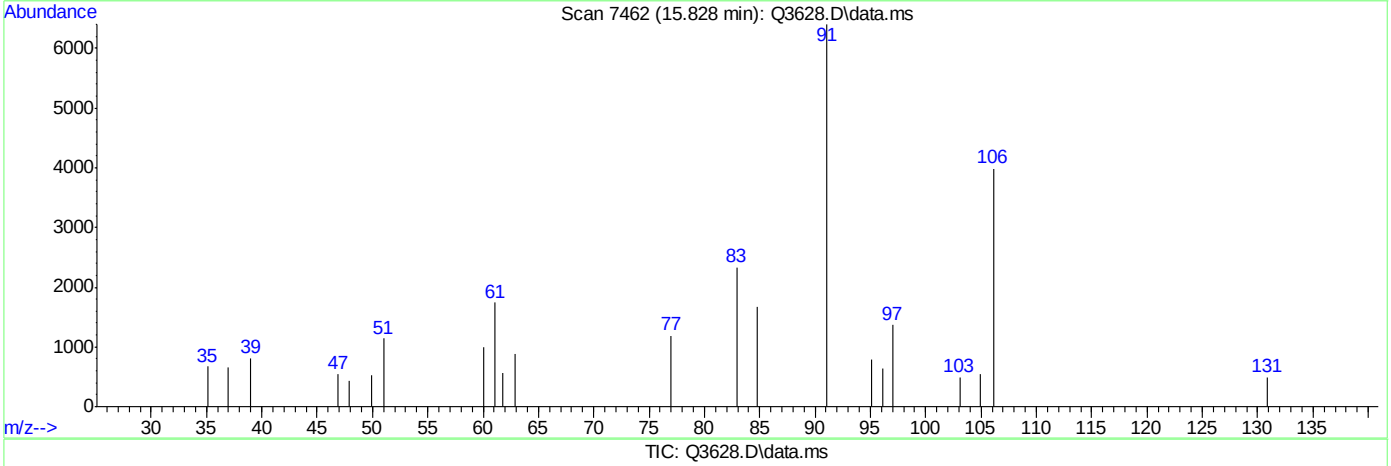
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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





TIC: Q3628.D\data.ms

(57) o-XYLENE (m)

15.828min (-0.005) 0.17PPBV

response 2646

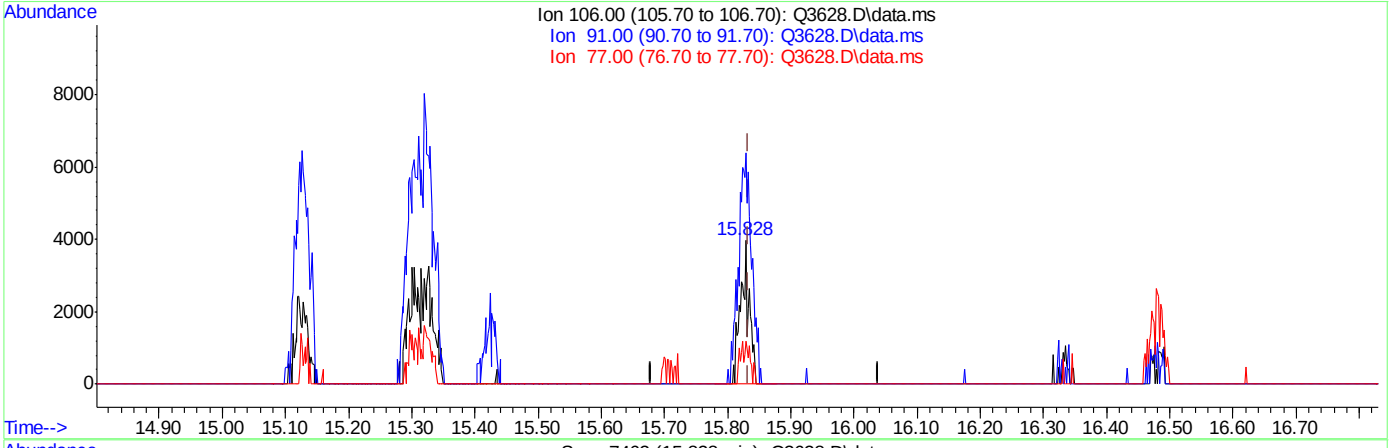
Ion	Exp%	Act%
106.00	100	100
91.00	223.70	347.01#
77.00	30.00	47.47
0.00	0.00	0.00

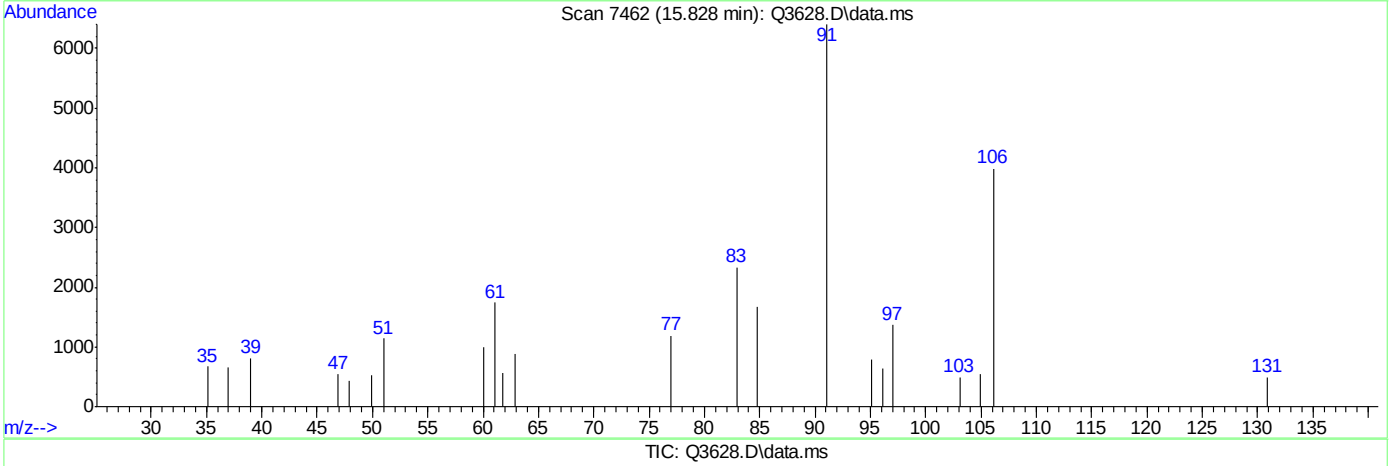
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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





TIC: Q3628.D\data.ms

(57) o-XYLENE (m)

15.828min (-0.005) 0.24PPBV m

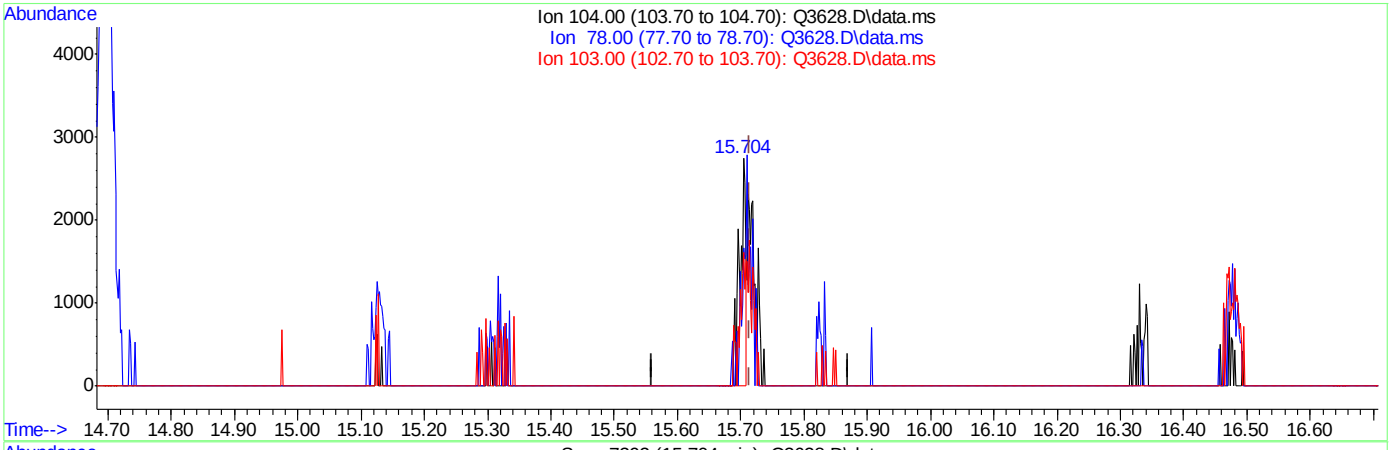
response 3799

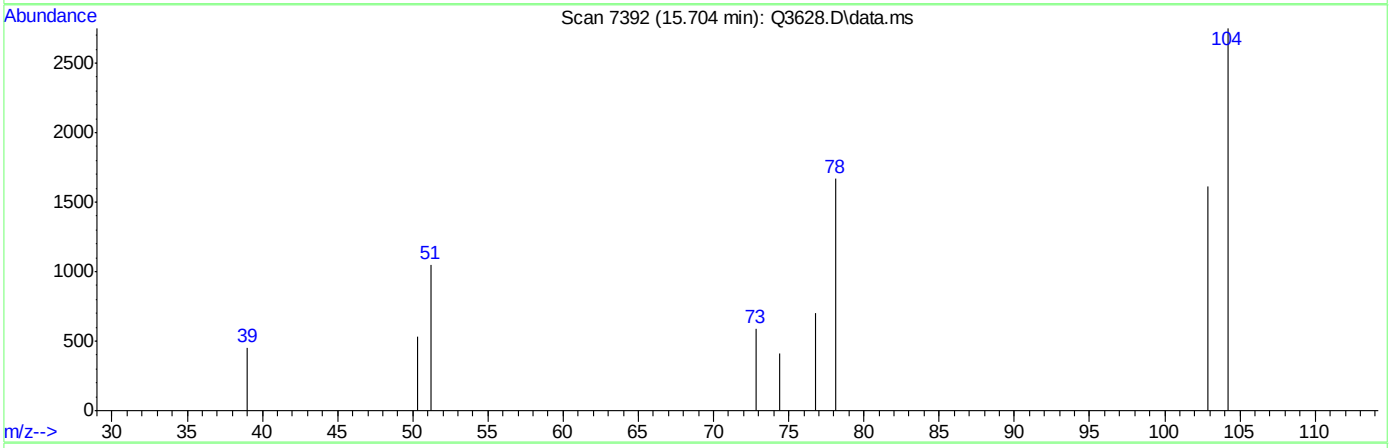
Ion	Exp%	Act%
106.00	100	100
91.00	223.70	241.70
77.00	30.00	33.06
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3628.D\data.ms

(58) STYRENE (m)

15.704min (-0.011) 0.09PPBV

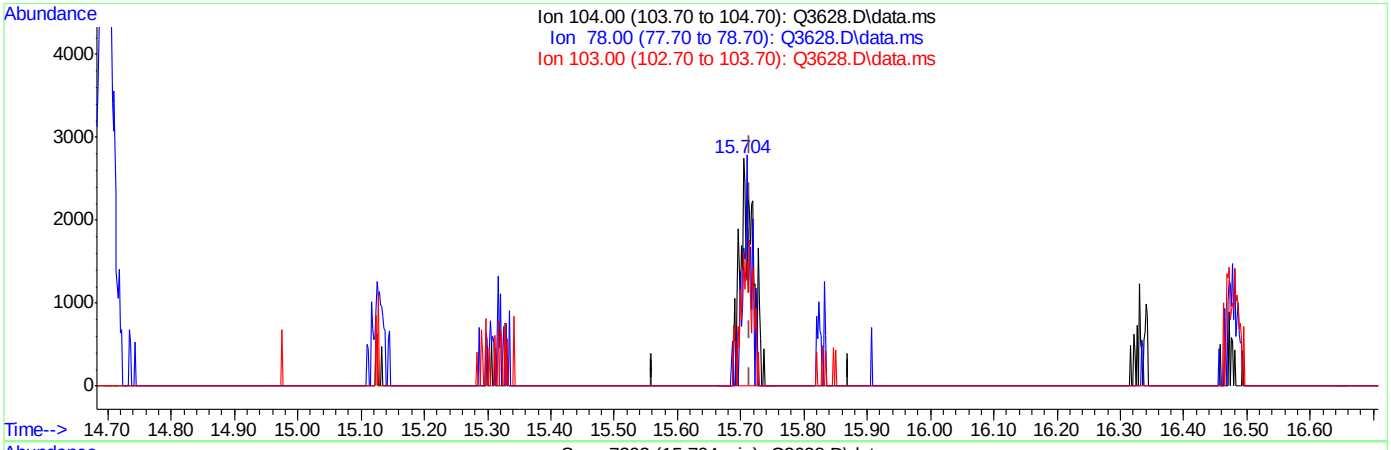
response 1781

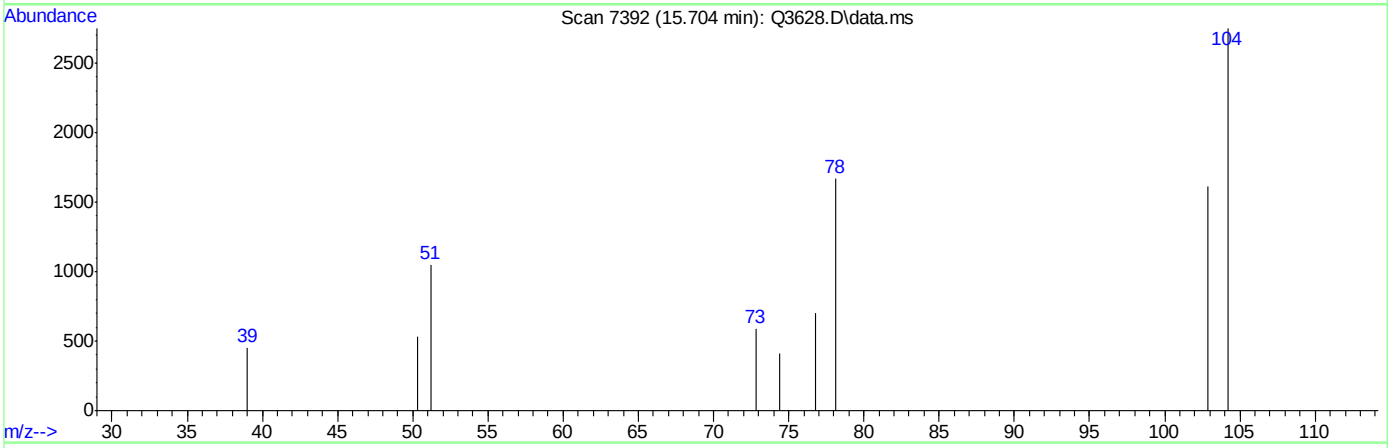
Ion	Exp%	Act%
104.00	100	100
78.00	55.00	84.39#
103.00	47.20	127.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3628.D\data.ms

(58) STYRENE (m)

15.704min (-0.011) 0.18PPBV m

response 3838

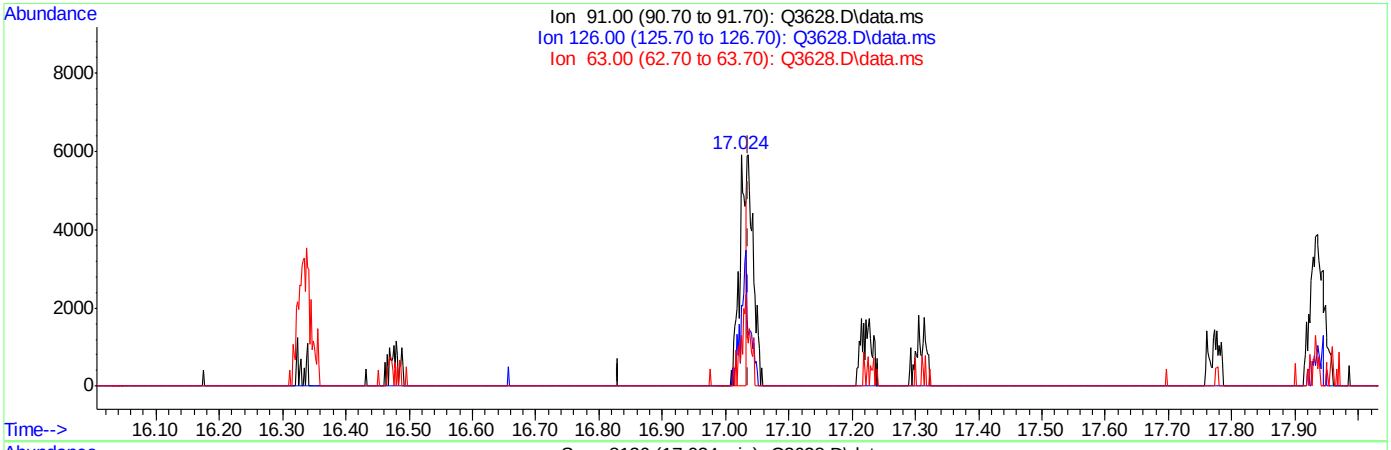
Ion	Exp%	Act%
104.00	100	100
78.00	55.00	39.16
103.00	47.20	59.22
0.00	0.00	0.00

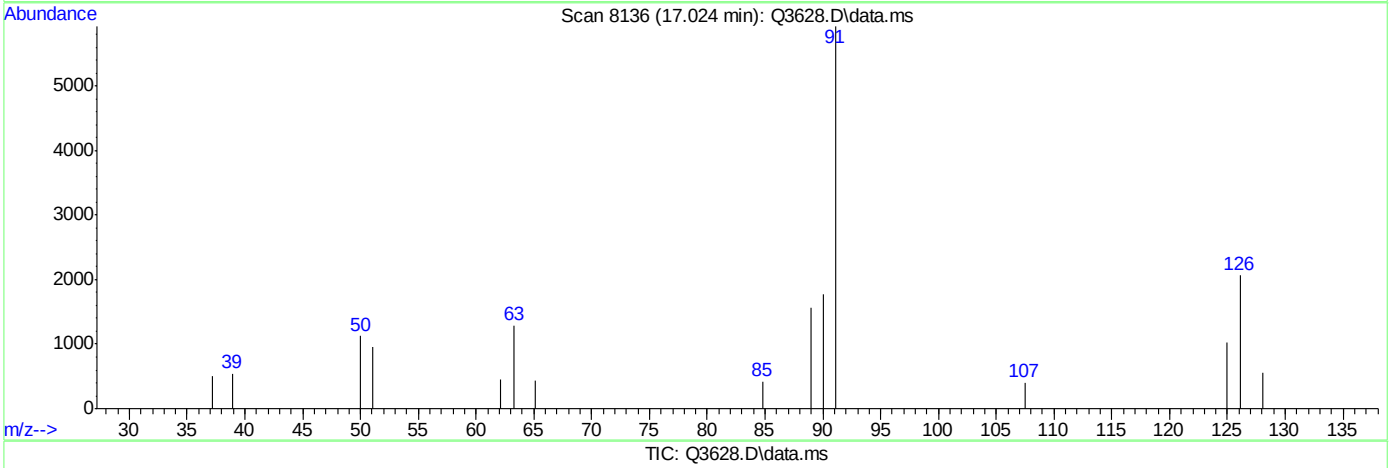
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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





TIC: Q3628.D\data.ms

(64) 2-CHLOROTOLUENE (m)

17.024min (-0.013) 0.11PPBV

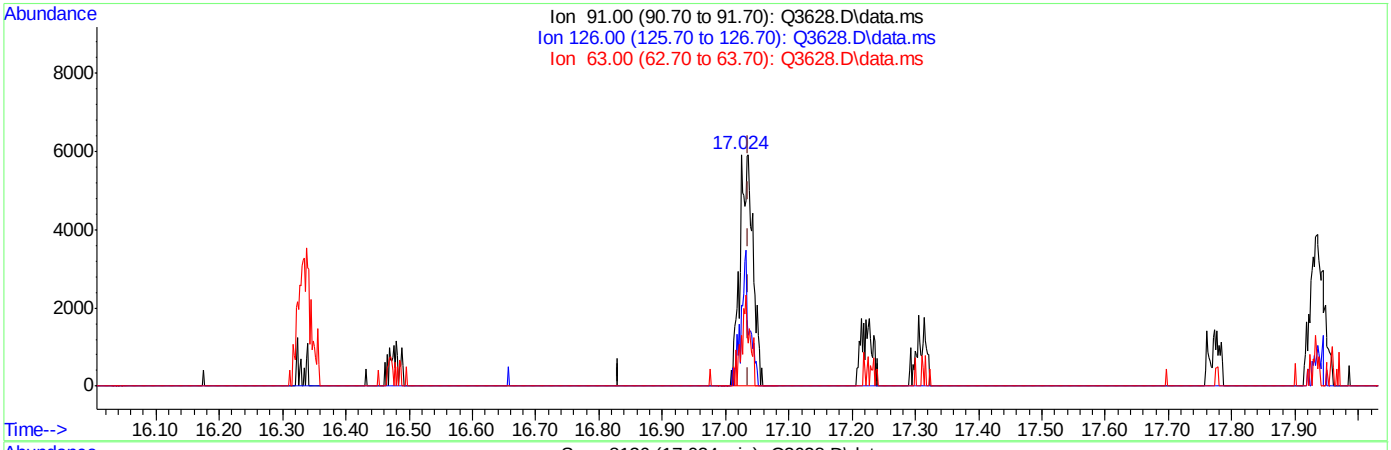
response 4203

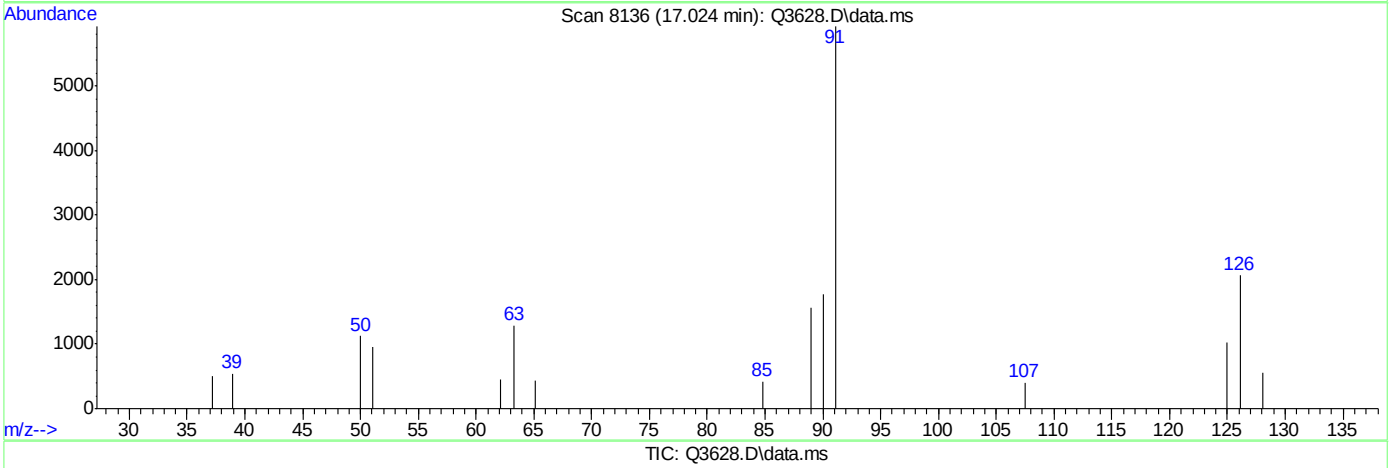
Ion	Exp%	Act%
91.00	100	100
126.00	36.10	75.14#
63.00	18.60	49.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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



TIC: Q3628.D\data.ms

(64) 2-CHLOROTOLUENE (m)

17.024min (-0.013) 0.21PPBV m

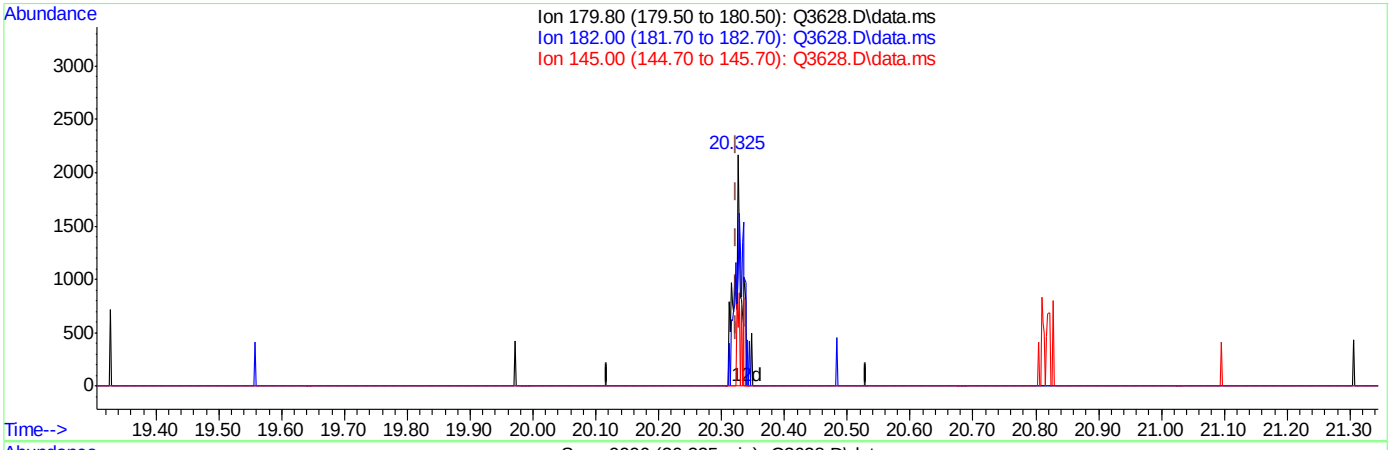
response 8504

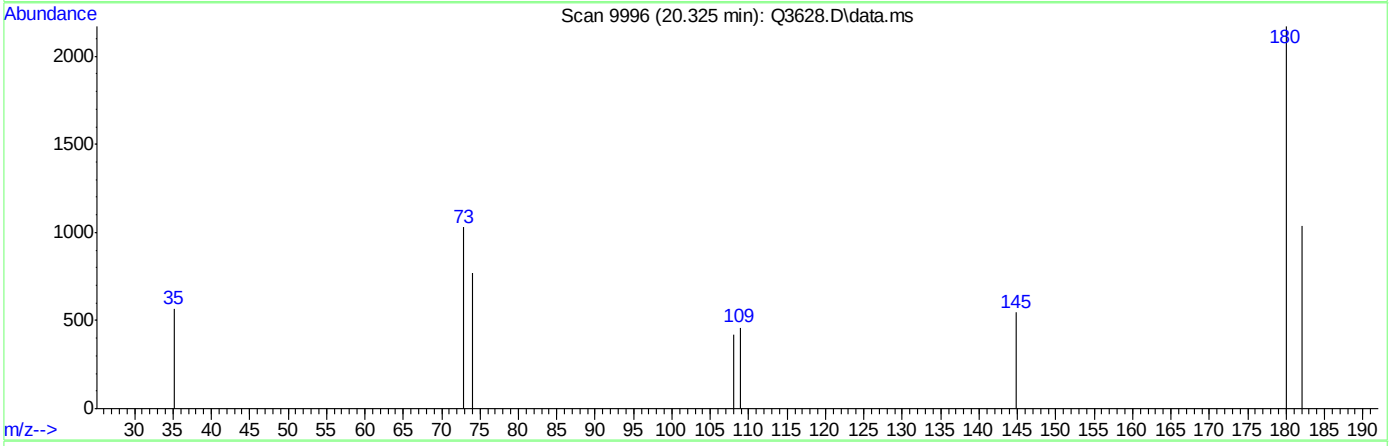
Ion	Exp%	Act%
91.00	100	100
126.00	36.10	37.14
63.00	18.60	24.44
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3628.D\data.ms

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

20.325min (+0.002) 0.15PPBV

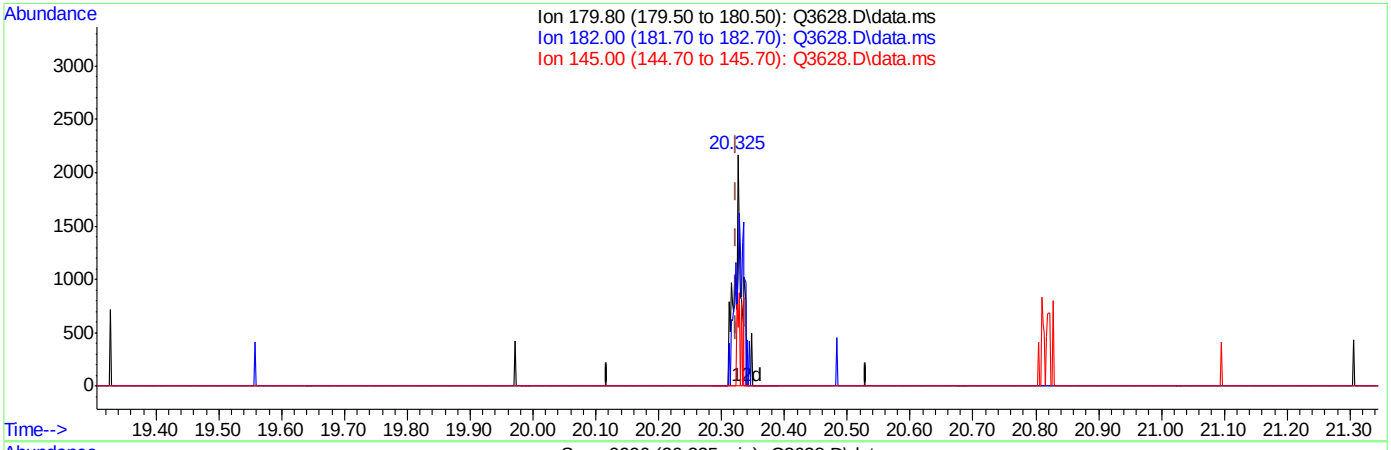
response 1611

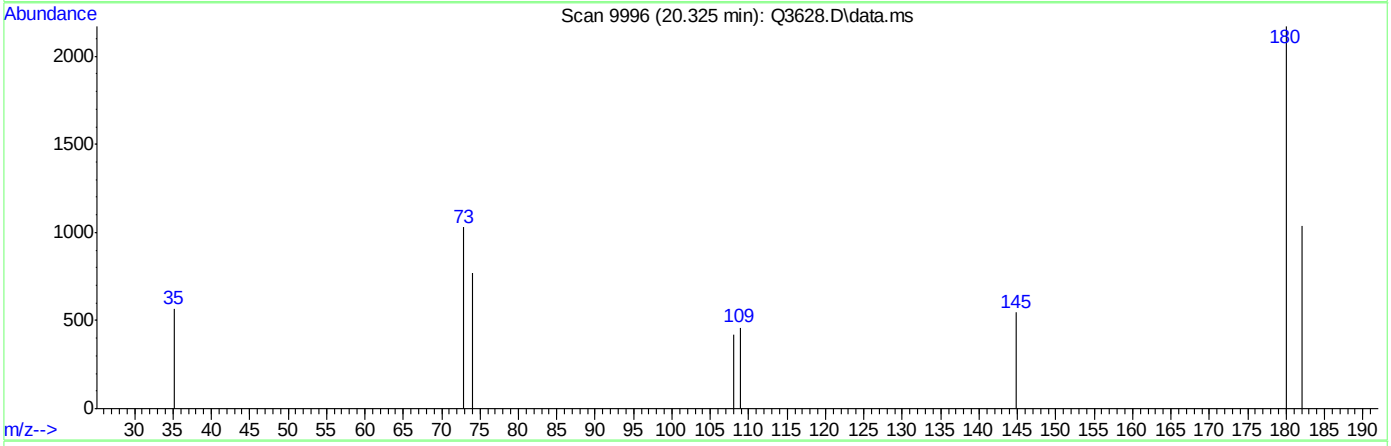
Ion	Exp%	Act%
179.80	100	100
182.00	91.20	102.79
145.00	35.30	25.08
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3628.D\data.ms

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

20.325min (+0.002) 0.16PPBV m

response 1665

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

Manual Integrations
APPROVED
(compounds with "m" flag)

Doug Yargeau
06/08/07 12:42

Quantitation Report (QT Reviewed)

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

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

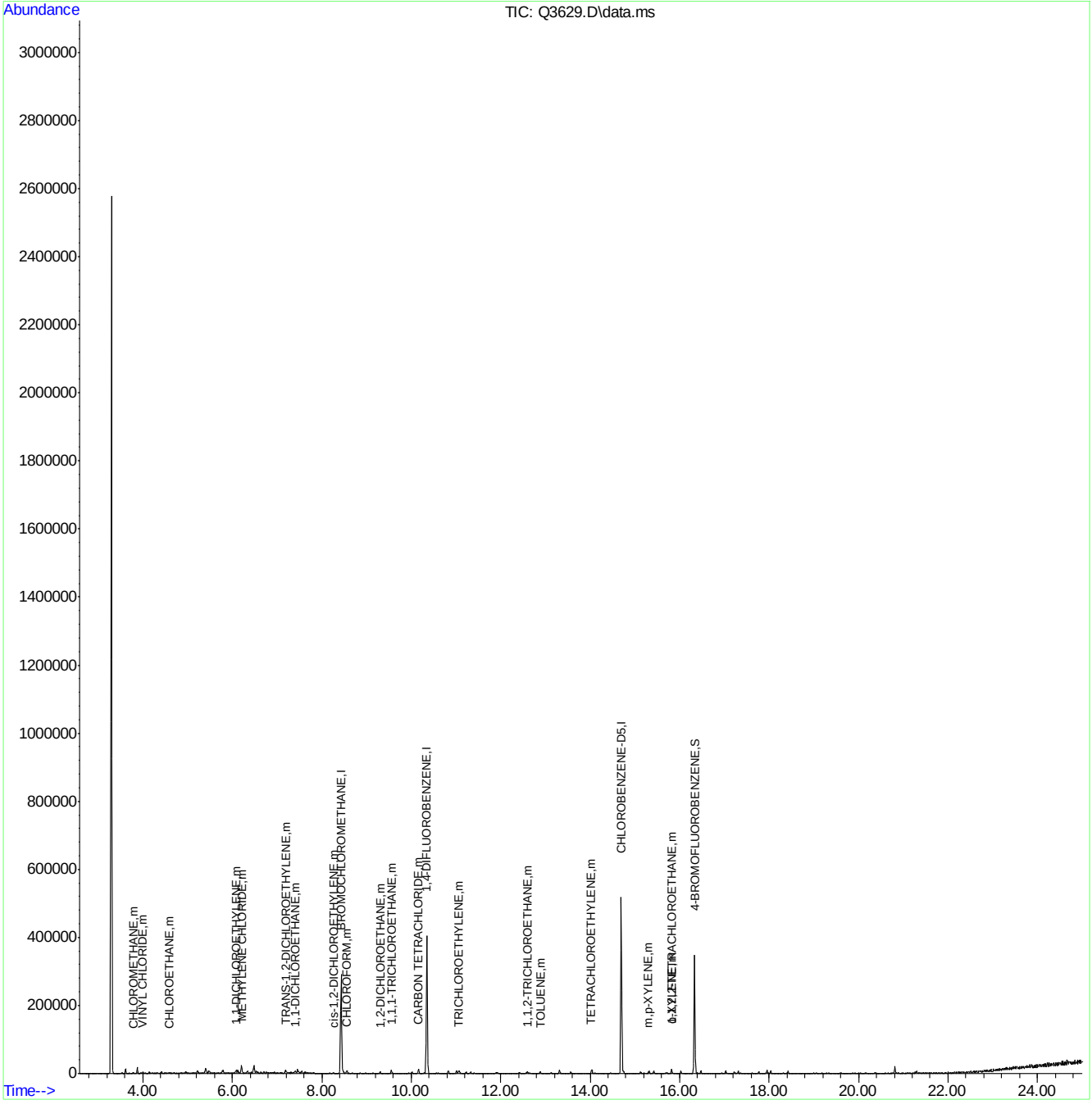
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.433	128	51070	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.346	114	222957	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.694	117	186647	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.334	95	84272	4.21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

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

Quantitation Report (QT Reviewed)

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

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

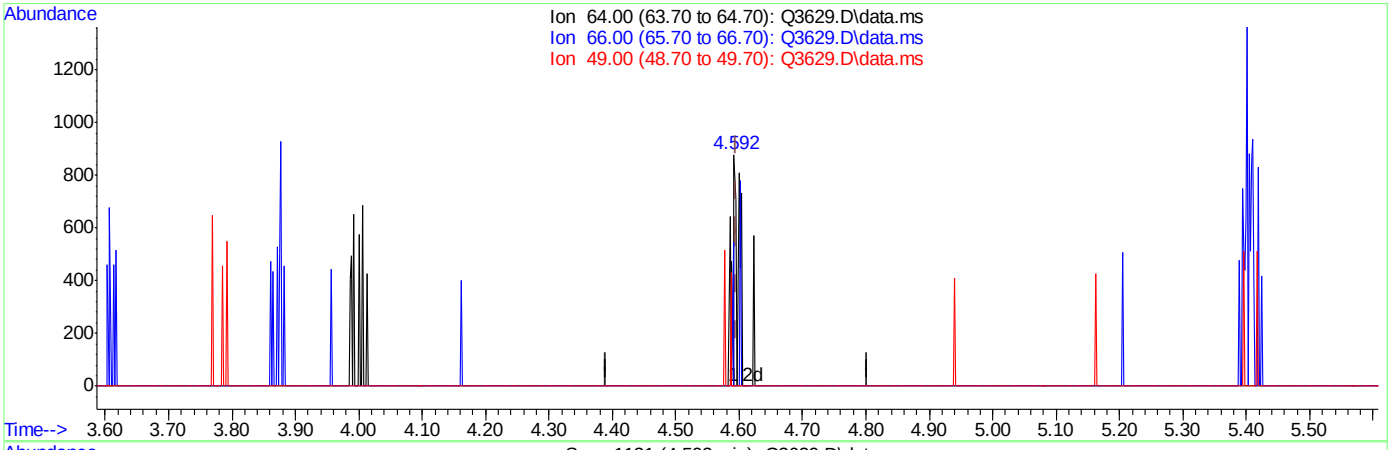


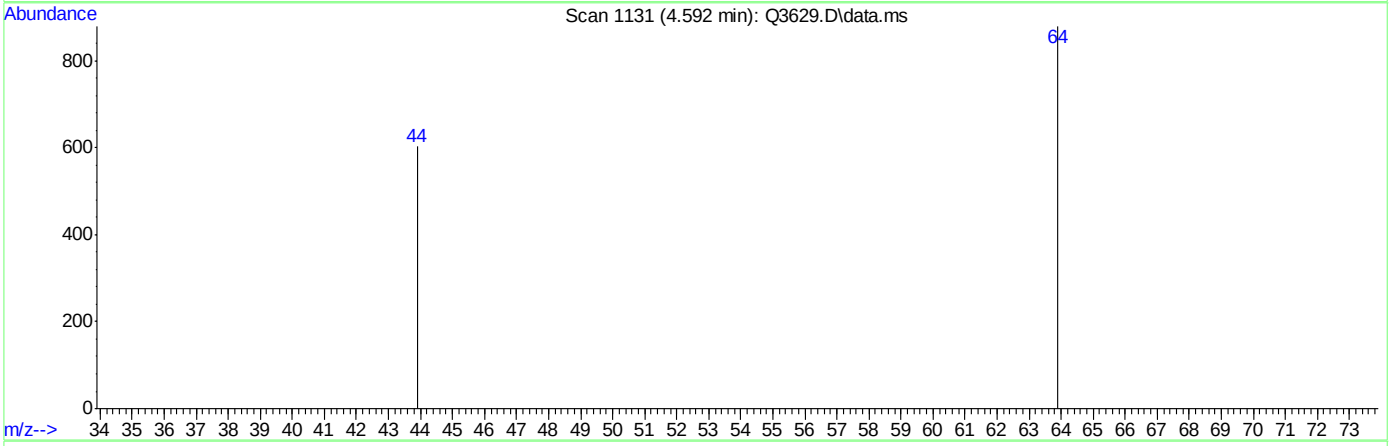
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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





TIC: Q3629.D\data.ms

(9) CHLOROETHANE (m)

4.592min (-0.004) 0.11PPBV

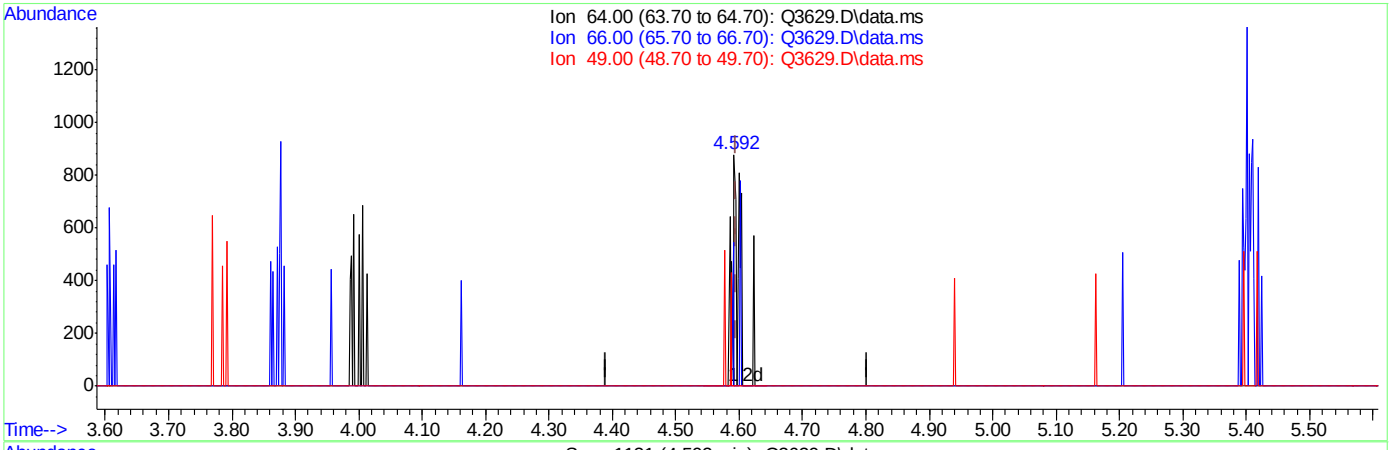
response 474

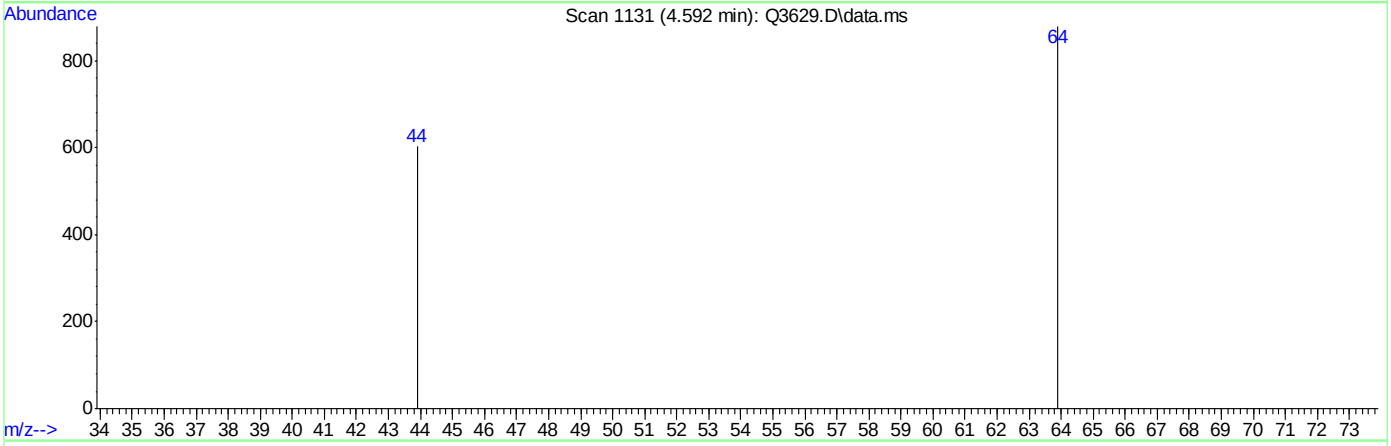
Ion	Exp%	Act%
64.00	100	100
66.00	0.00	12.24
49.00	0.00	9.70
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3629.D\data.ms

(9) CHLOROETHANE (m)

4.592min (-0.004) 0.13PPBV m

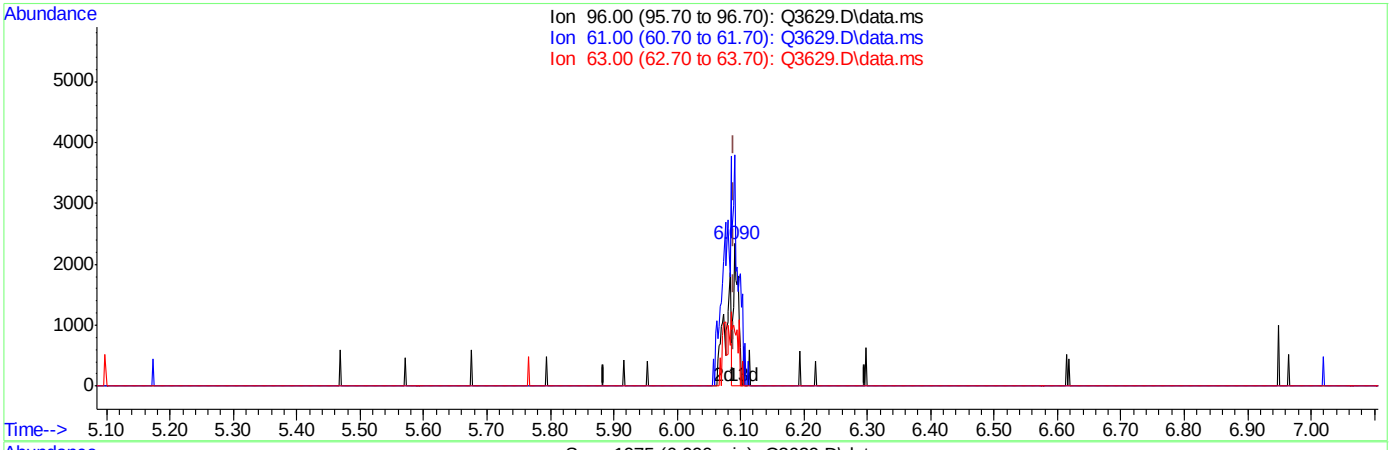
response 604

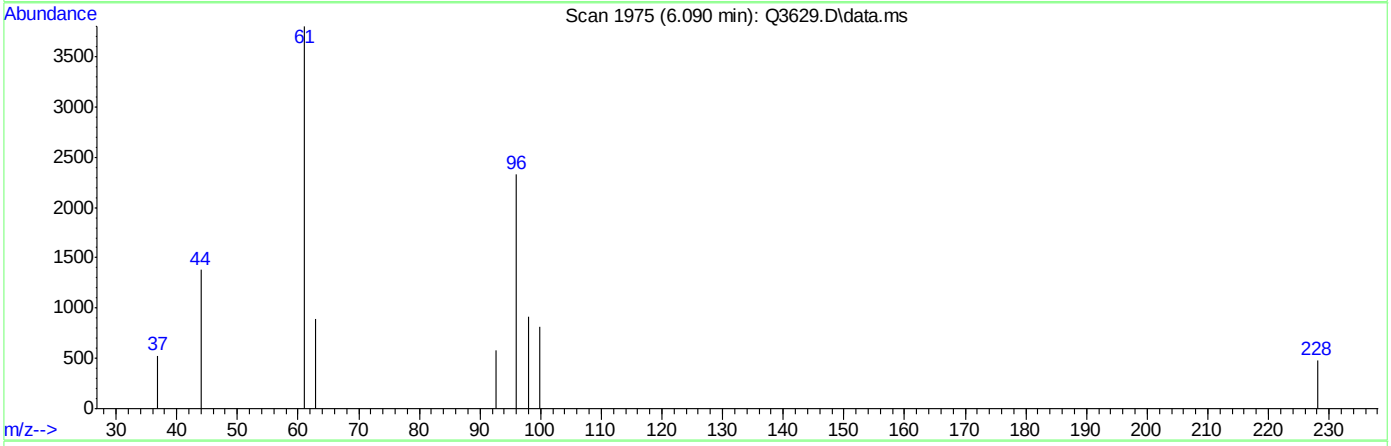
Ion	Exp%	Act%
64.00	100	100
66.00	0.00	9.60
49.00	0.00	7.62
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3629.D\data.ms

(14) 1,1-DICHLOROETHYLENE (m)

6.090min (-0.000) 0.09PPBV

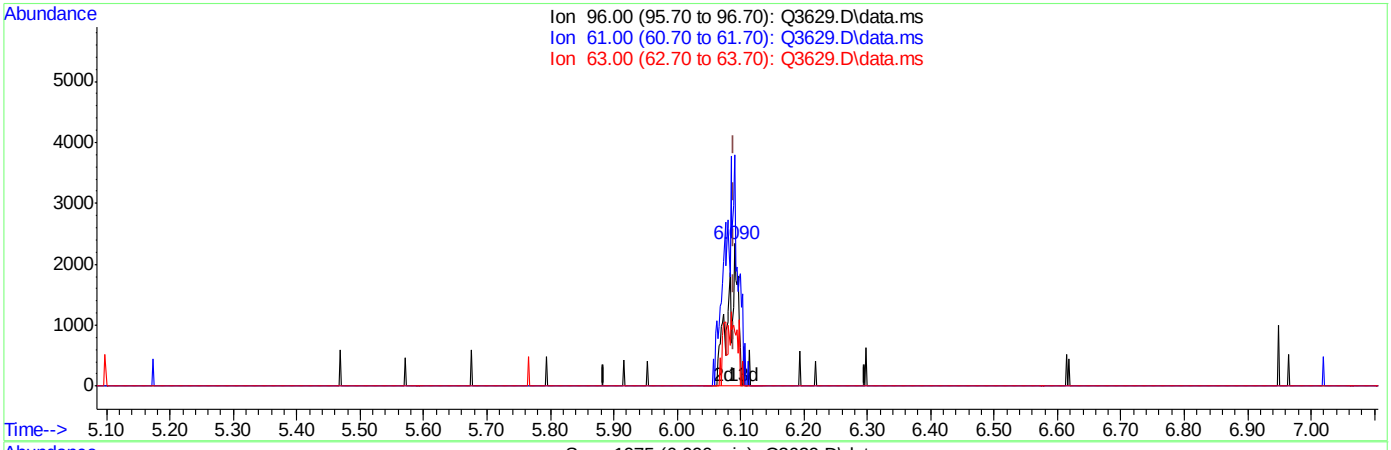
response 1284

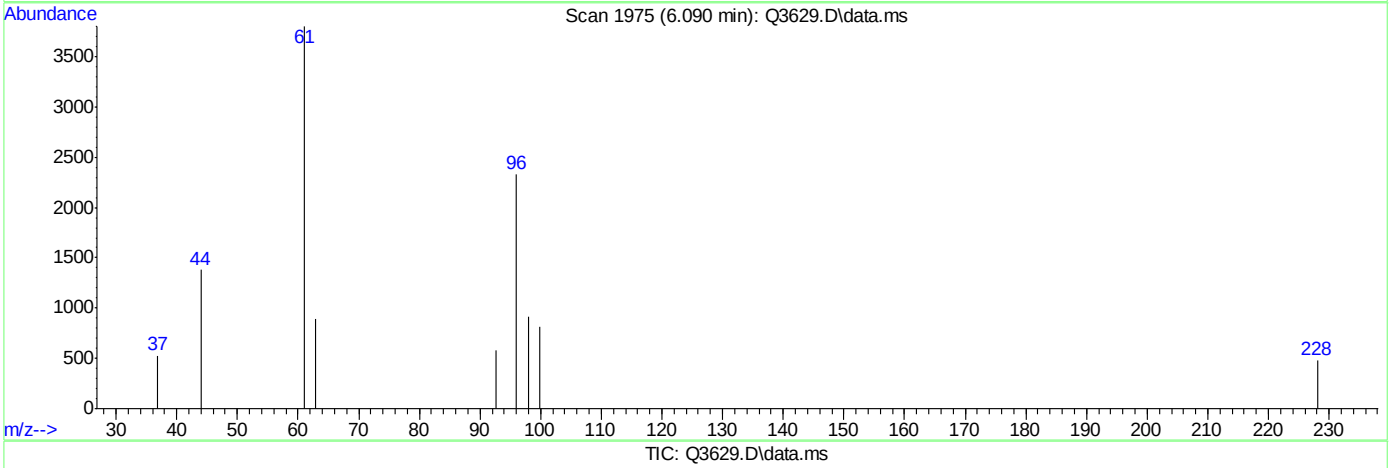
Ion	Exp%	Act%
96.00	100	100
61.00	0.10	400.55#
63.00	0.00	115.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3629.D\data.ms

(14) 1,1-DICHLOROETHYLENE (m)

6.090min (-0.000) 0.17PPBV m

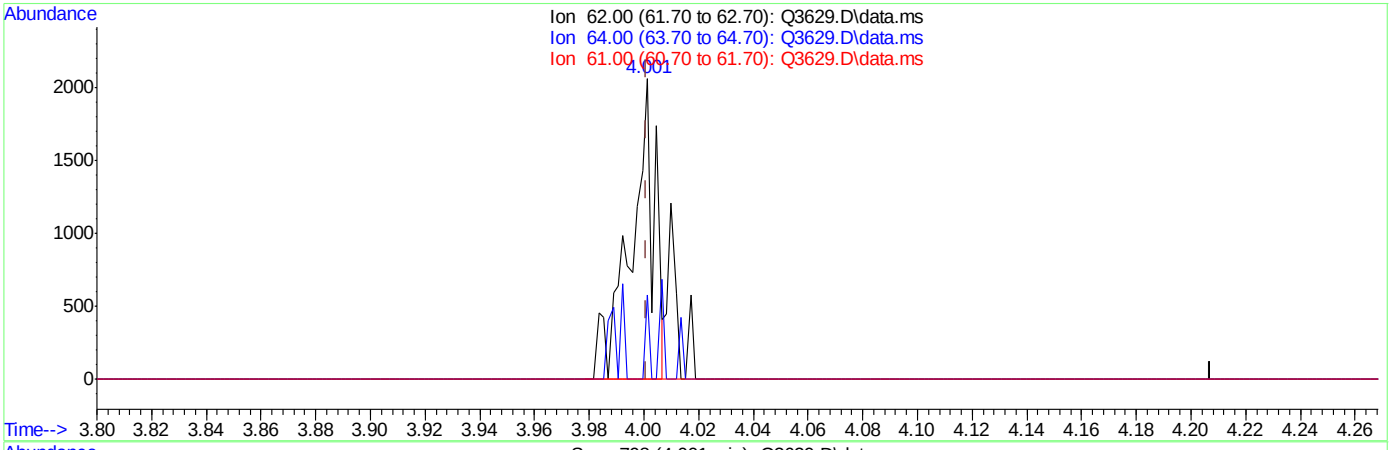
response 2547

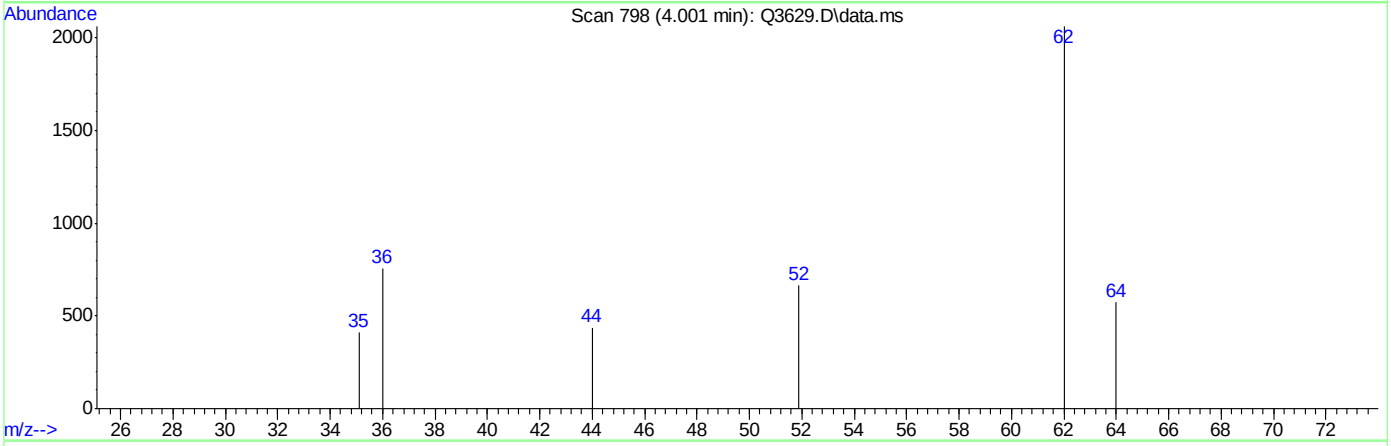
Ion	Exp%	Act%
96.00	100	100
61.00	0.10	201.92#
63.00	0.00	58.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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



TIC: Q3629.D\data.ms

(6) VINYL CHLORIDE (m)

4.001min (-0.000) 0.13PPBV

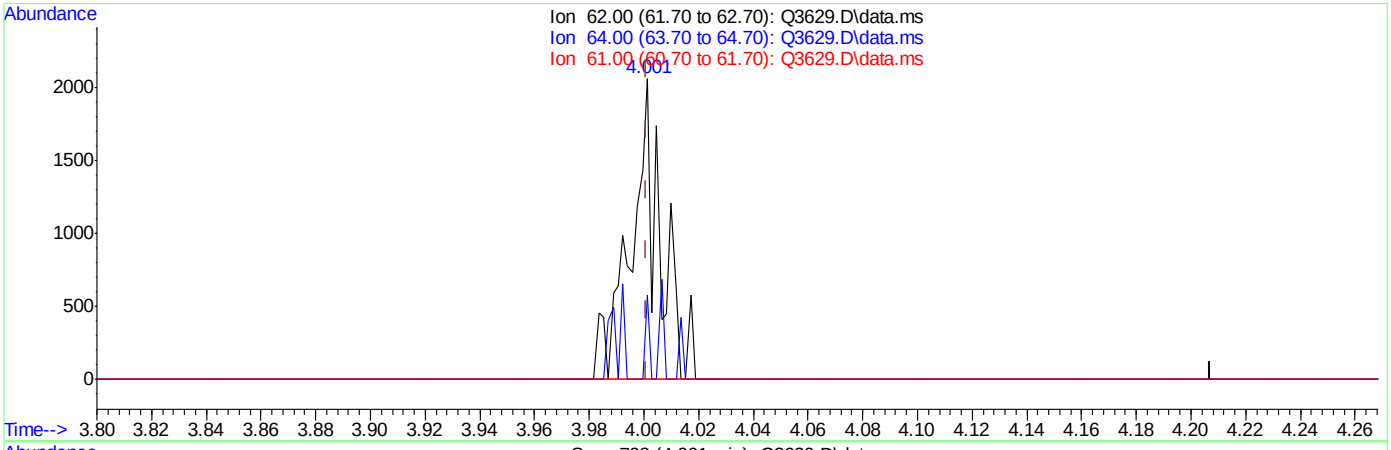
response 1265

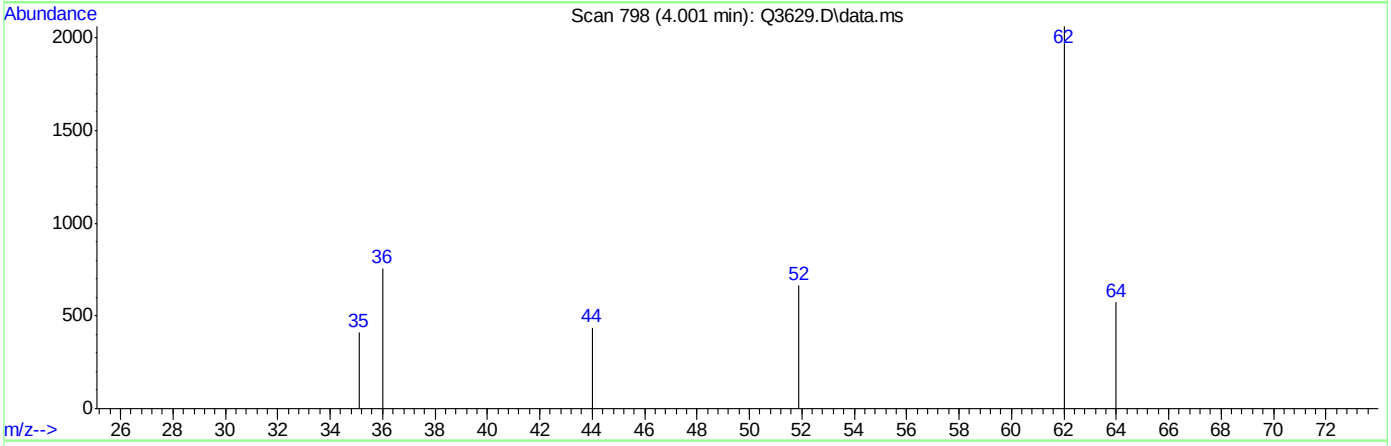
Ion	Exp%	Act%
62.00	100	100
64.00	49.80	9.41#
61.00	2.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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



TIC: Q3629.D\data.ms

(6) VINYL CHLORIDE (m)

4.001min (-0.000) 0.16PPBV m

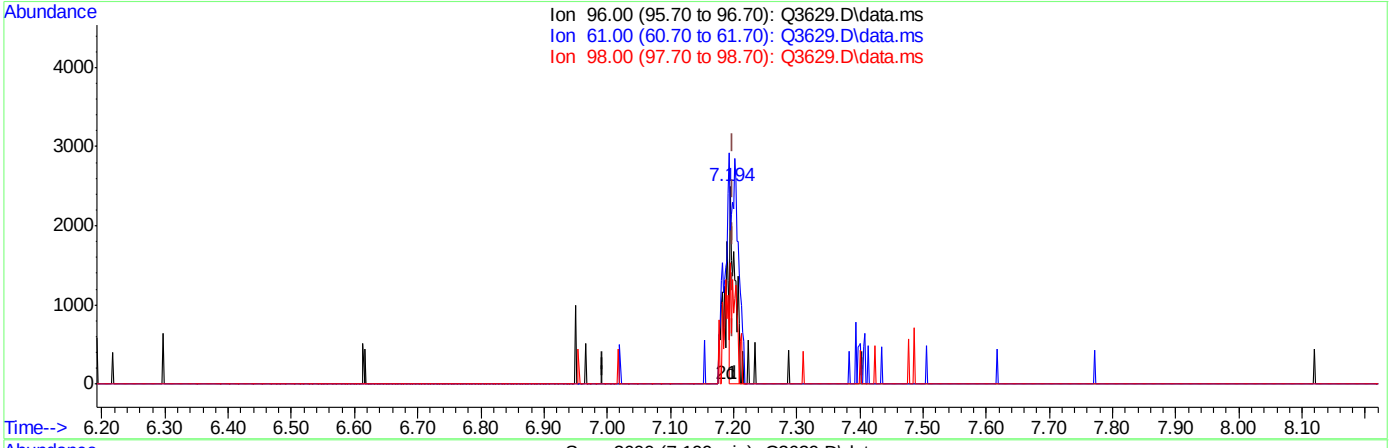
response 1565

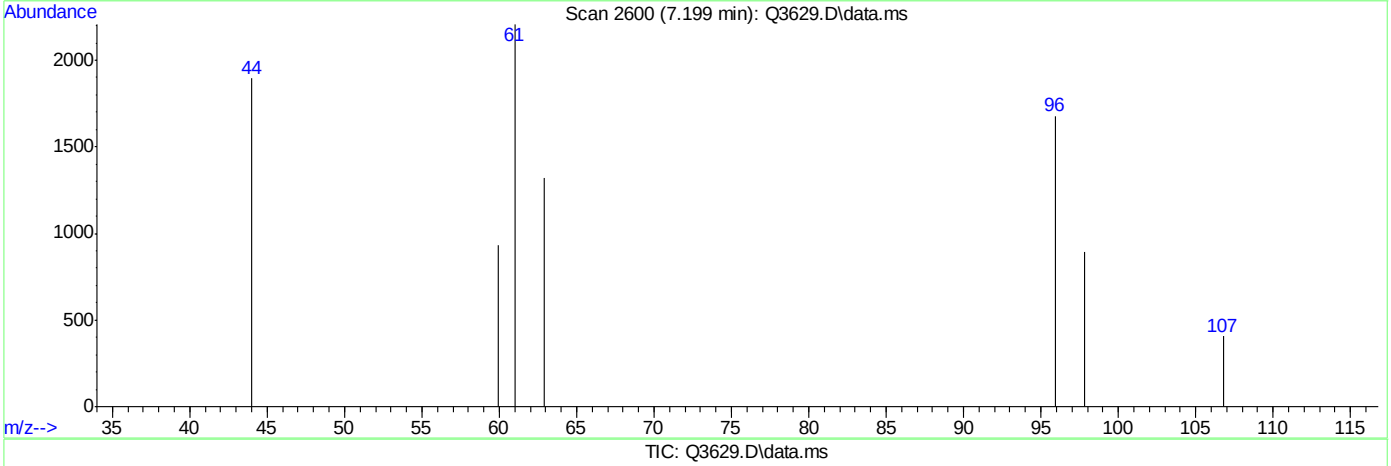
Ion	Exp%	Act%
62.00	100	100
64.00	49.80	7.60#
61.00	2.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3629.D\data.ms

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

7.199min (-0.000) 0.09PPBV

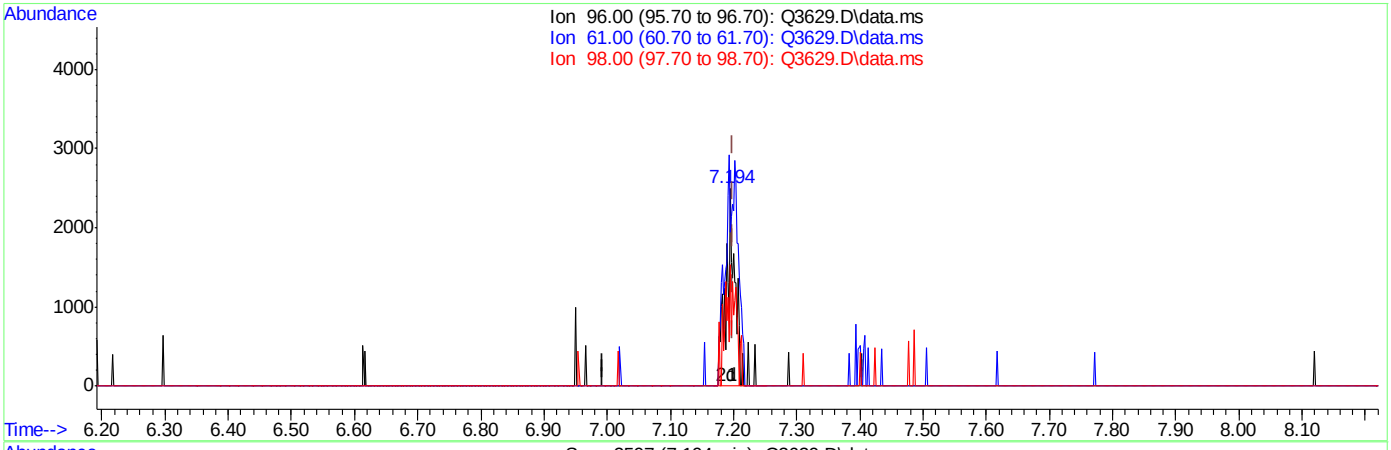
response 1375

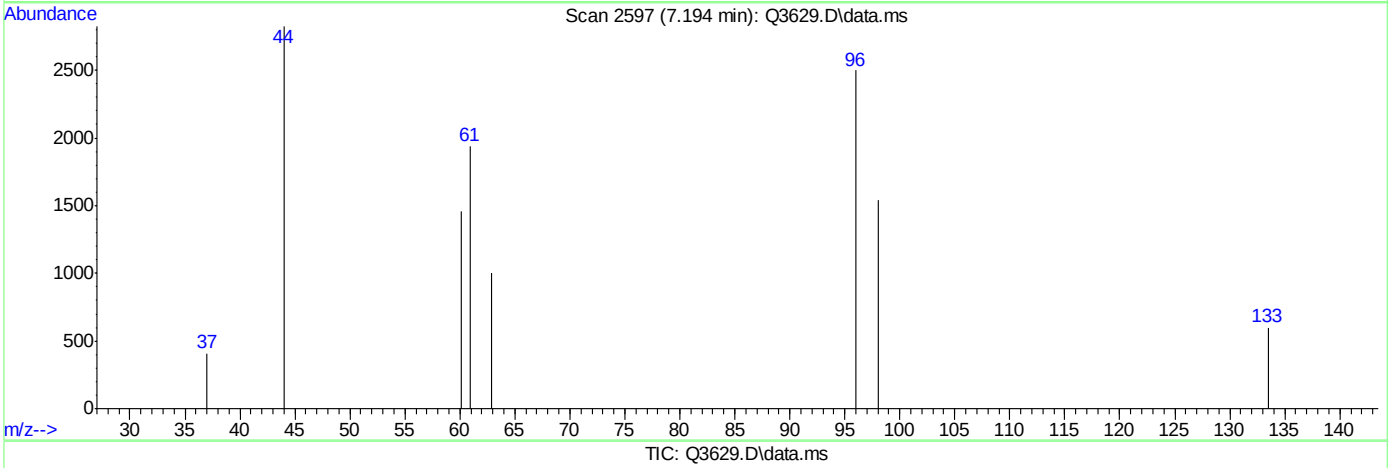
Ion	Exp%	Act%
96.00	100	100
61.00	0.00	289.89#
98.00	0.00	73.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3629.D\data.ms

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

7.194min (-0.005) 0.16PPBV m

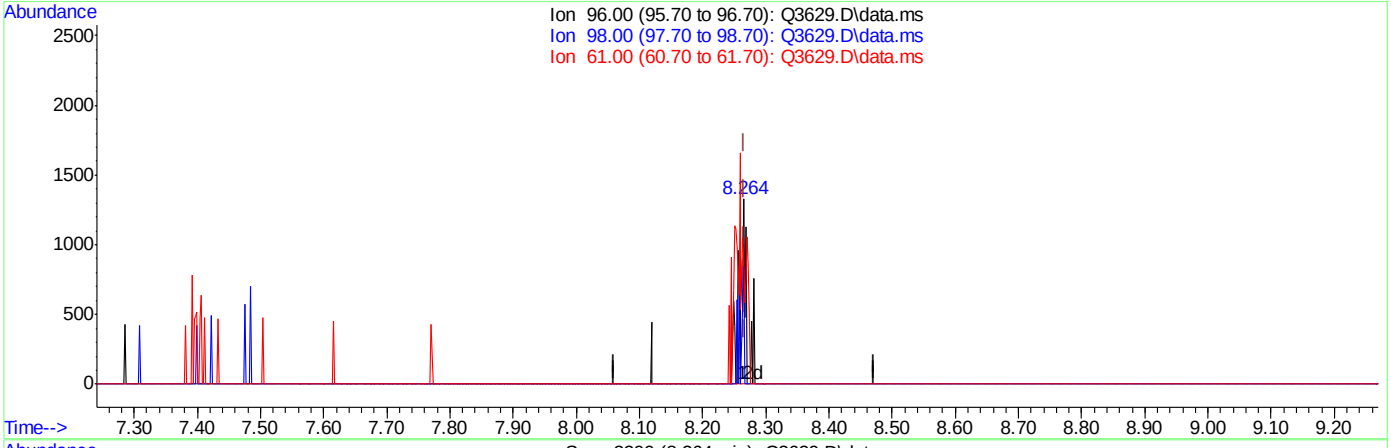
response 2510

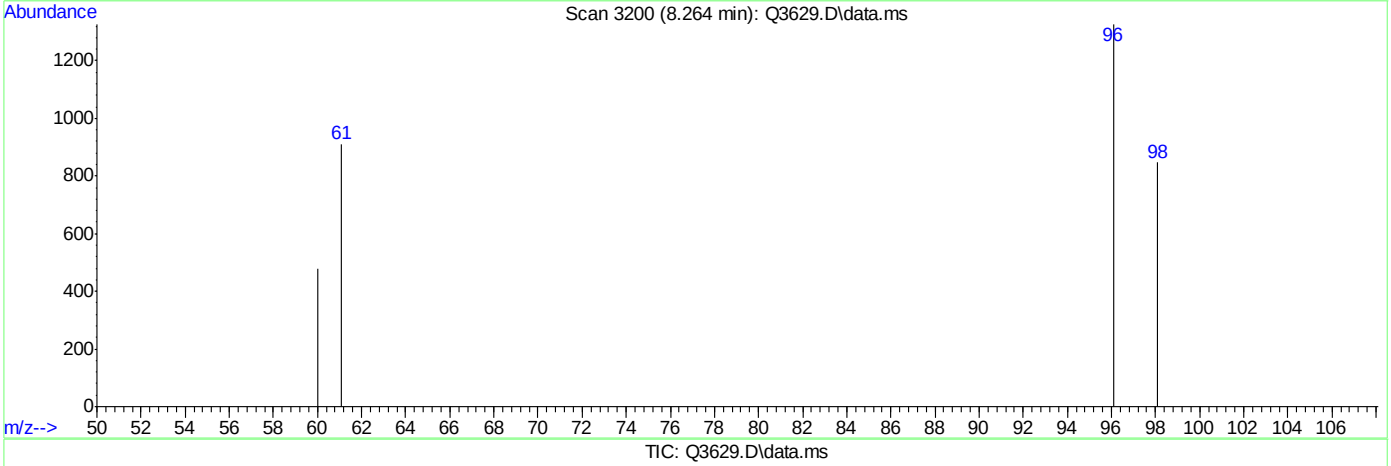
Ion	Exp%	Act%
96.00	100	100
61.00	0.00	158.80#
98.00	0.00	40.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3629.D\data.ms

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

8.264min (-0.002) 0.11PPBV

response 750

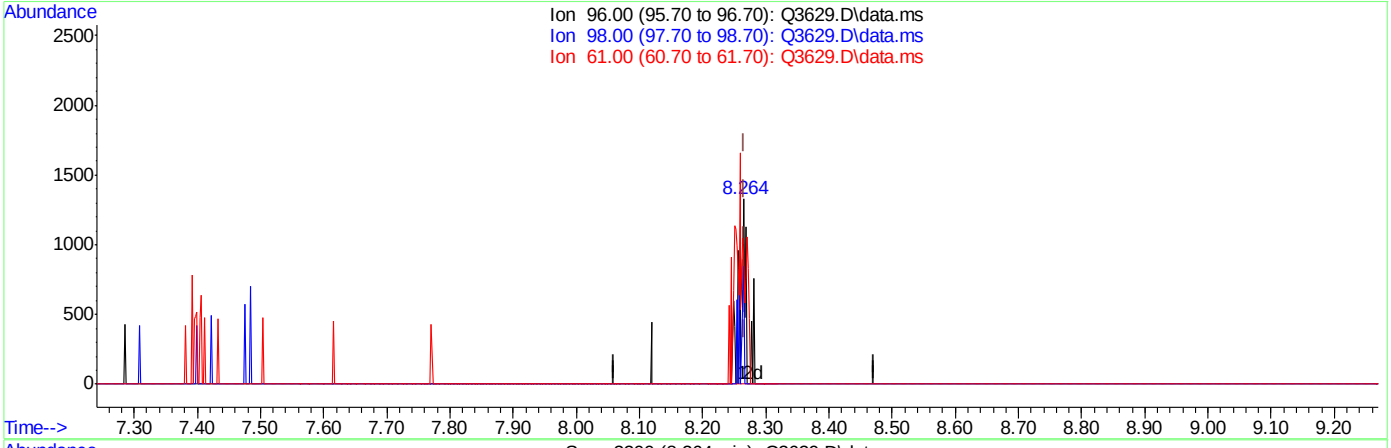
Ion	Exp%	Act%
96.00	100	100
98.00	0.00	30.27#
61.00	0.00	208.80#
0.00	0.00	0.00

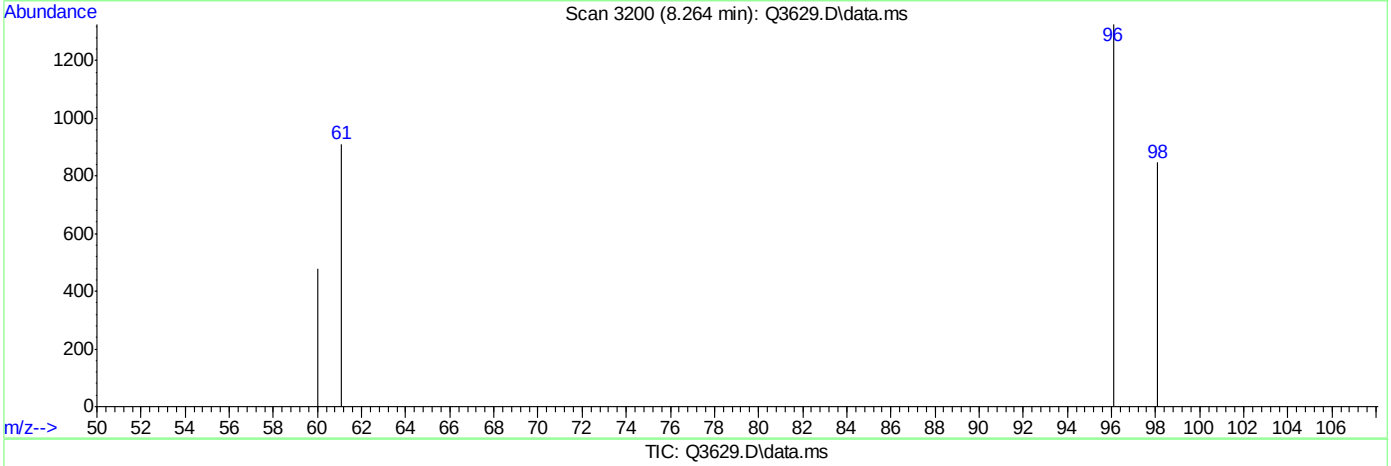
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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





TIC: Q3629.D\data.ms

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

8.264min (-0.002) 0.12PPBV m

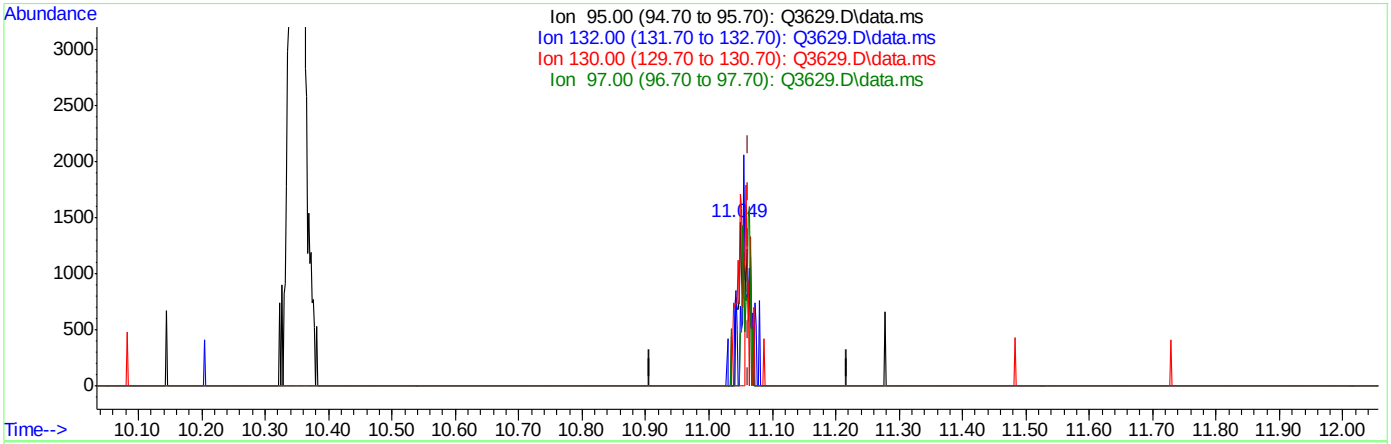
response 880

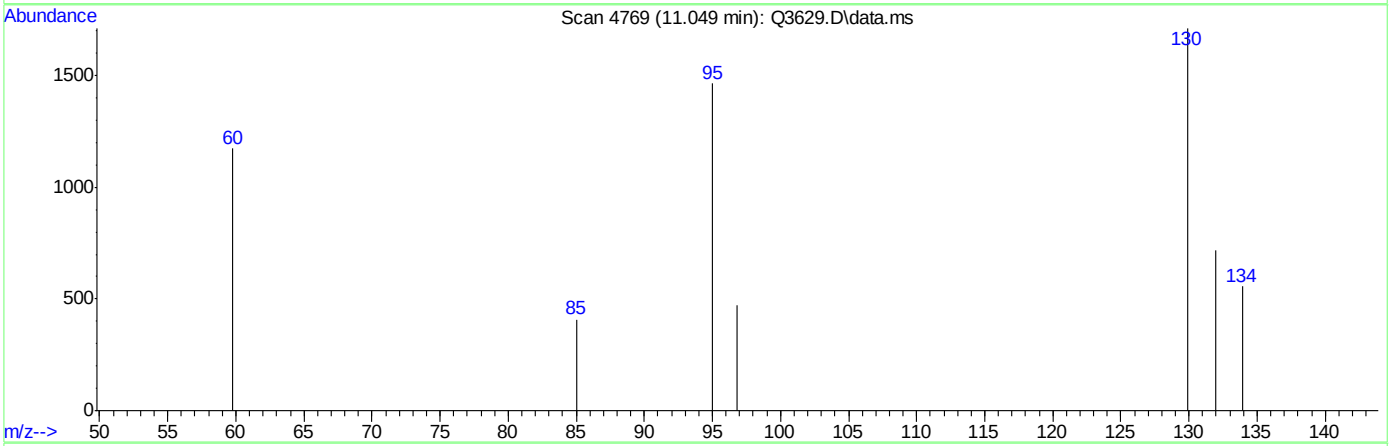
Ion	Exp%	Act%
96.00	100	100
98.00	0.00	25.80#
61.00	0.00	177.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3629.D\data.ms

(38) TRICHLOROETHYLENE (m)

11.049min (-0.014) 0.06PPBV

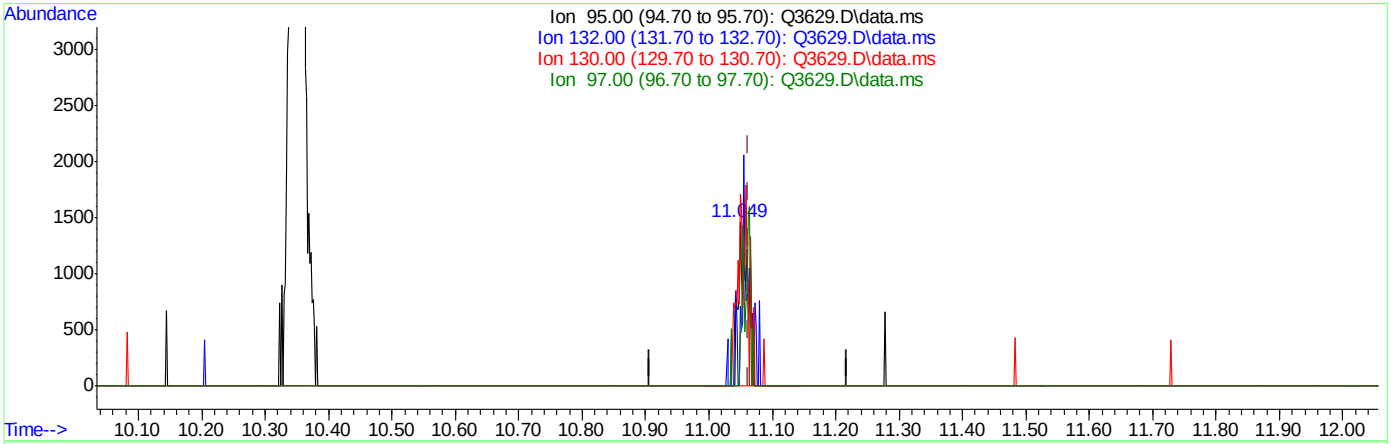
response 885

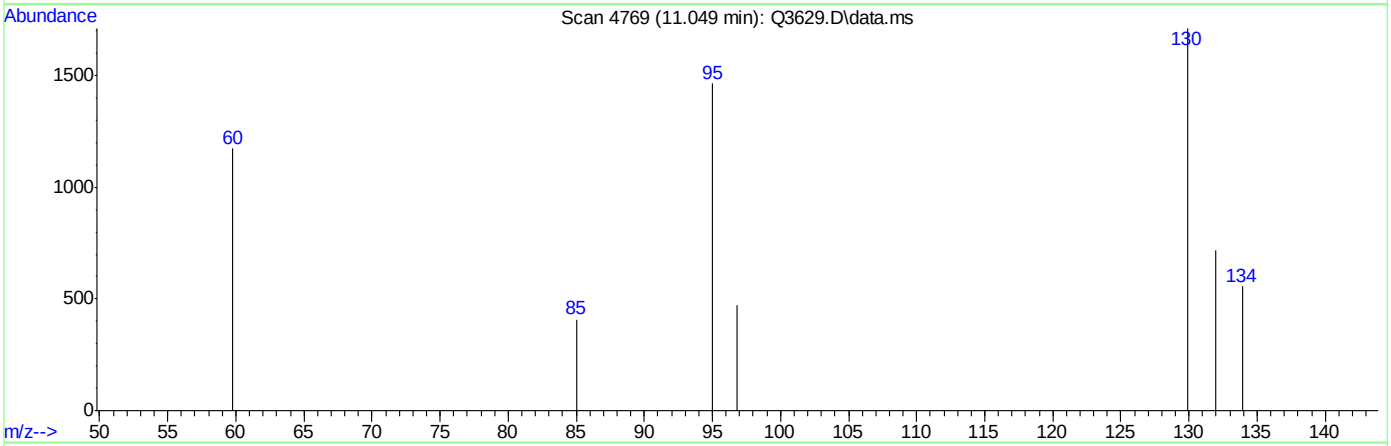
Ion	Exp%	Act%
95.00	100	100
132.00	101.00	146.21#
130.00	98.30	181.24#
97.00	65.70	47.23

Quantitation Report (Qedit)

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

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





TIC: Q3629.D\data.ms

(38) TRICHLOROETHYLENE (m)

11.049min (-0.014) 0.10PPBV m

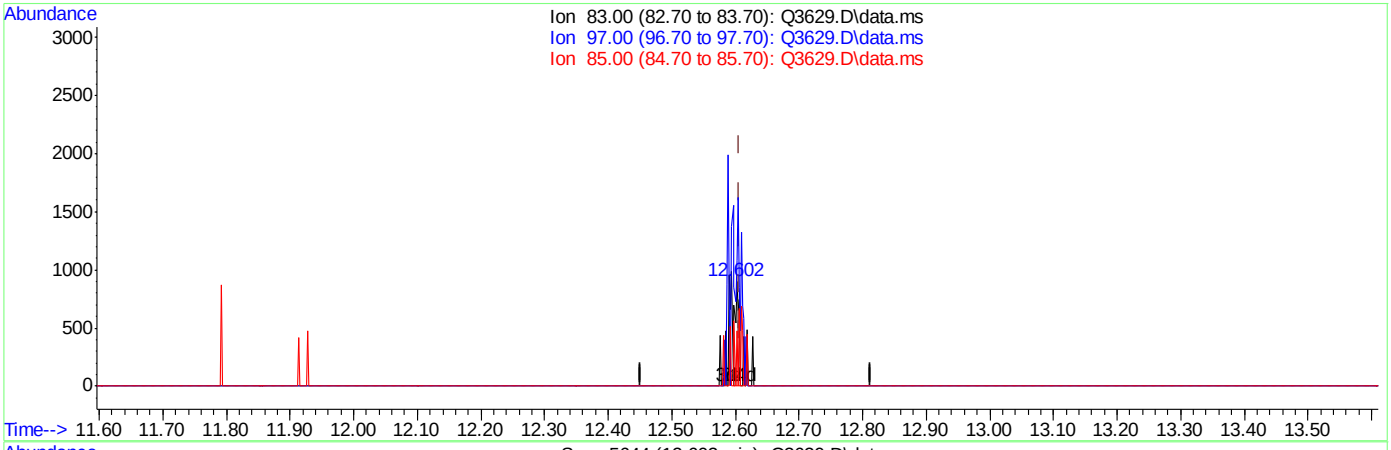
response 1487

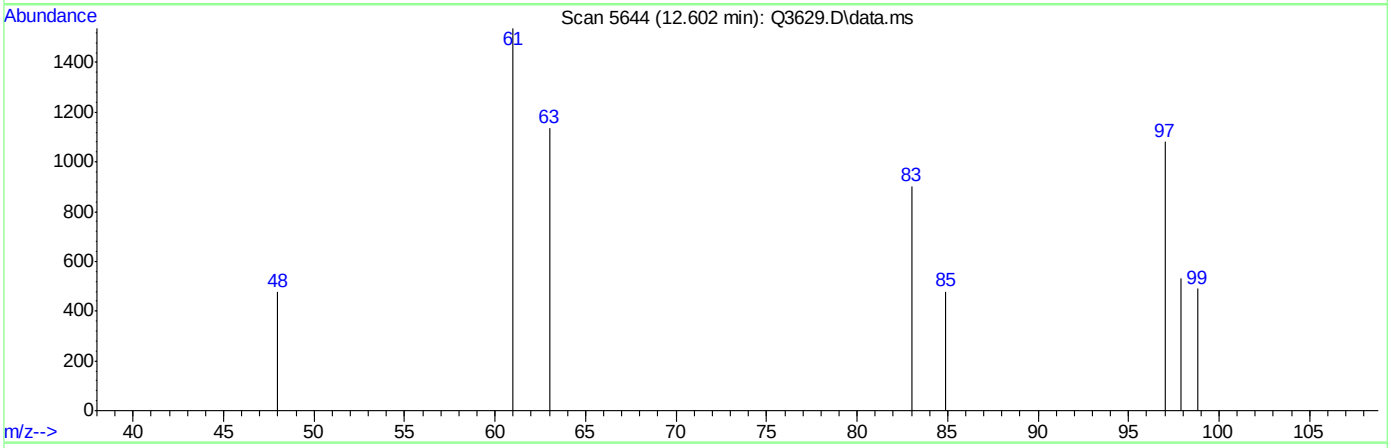
Ion	Exp%	Act%
95.00	100	100
132.00	101.00	87.02
130.00	98.30	107.87
97.00	65.70	28.11#

Quantitation Report (Qedit)

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

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





TIC: Q3629.D\data.ms

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

12.602min (-0.005) 0.04PPBV

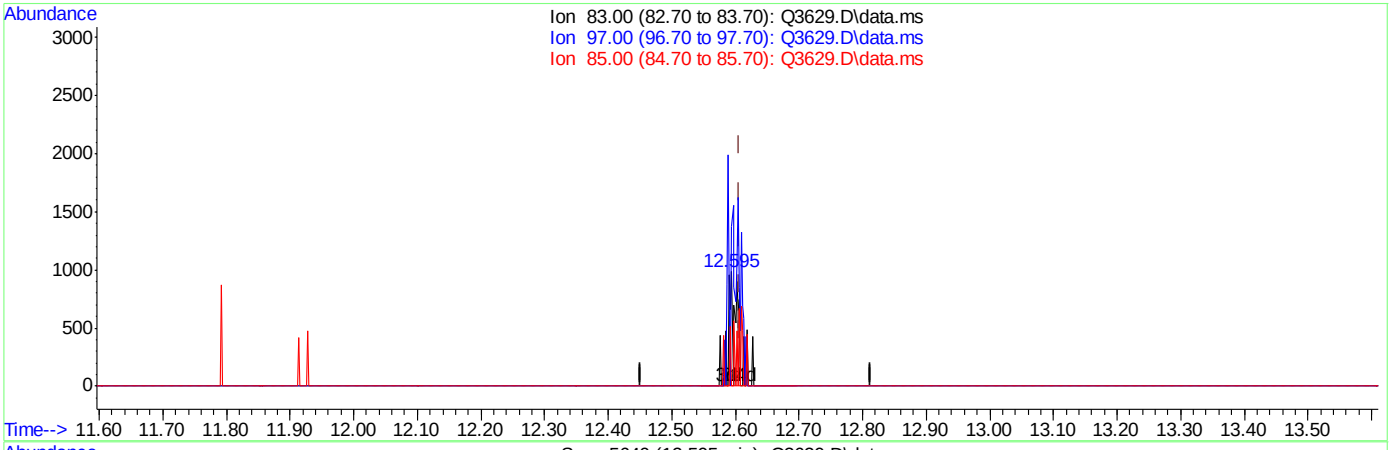
response 377

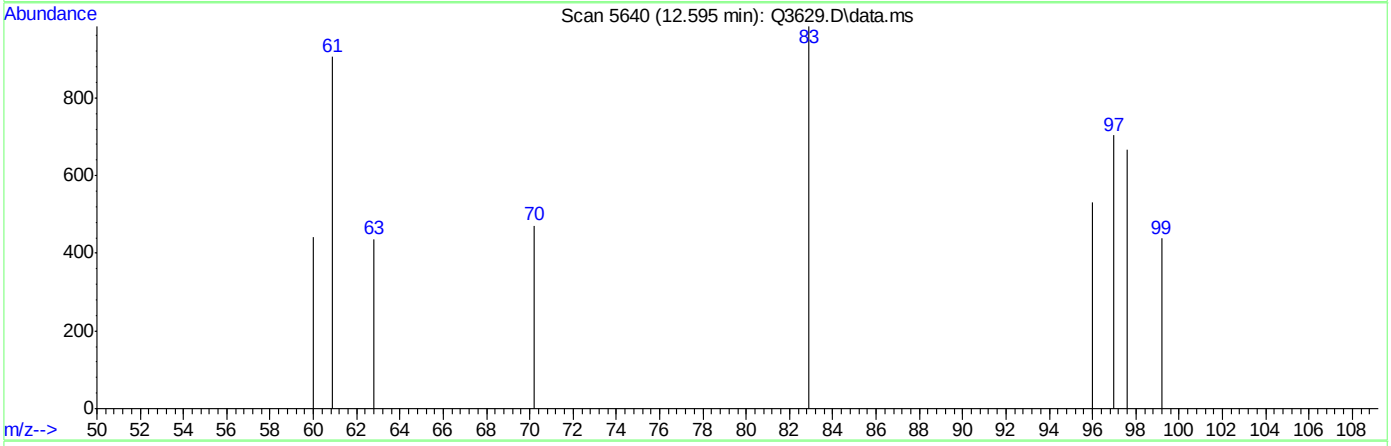
Ion	Exp%	Act%
83.00	100	100
97.00	121.10	326.79#
85.00	65.40	30.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3629.D\data.ms

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

12.595min (-0.013) 0.10PPBV m

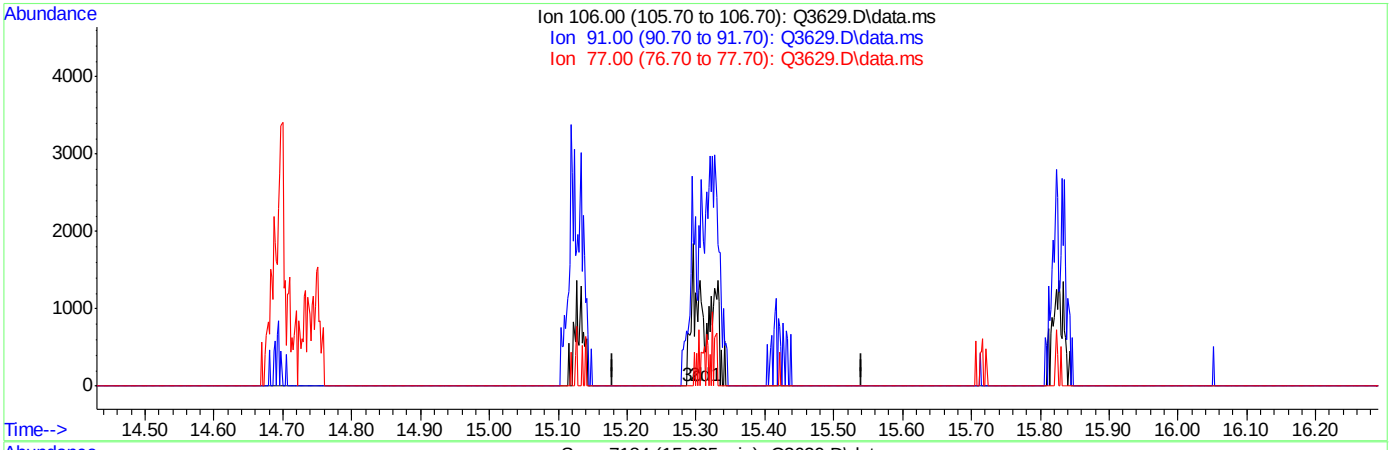
response 895

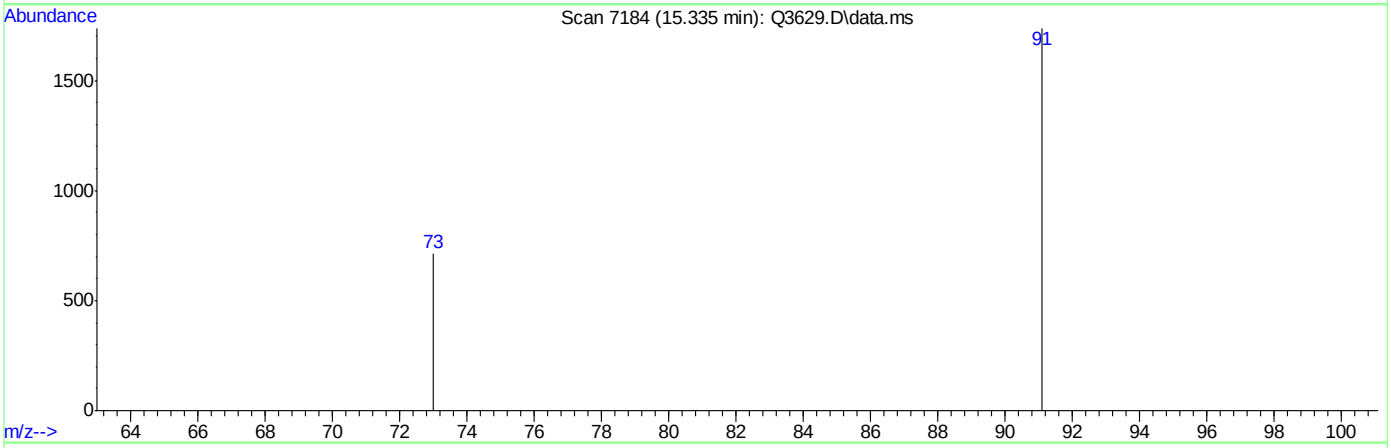
Ion	Exp%	Act%
83.00	100	100
97.00	121.10	137.65
85.00	65.40	12.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3629.D\data.ms

(56) m,p-XYLENE (m)

15.335min 0.00PPBV d

response 0

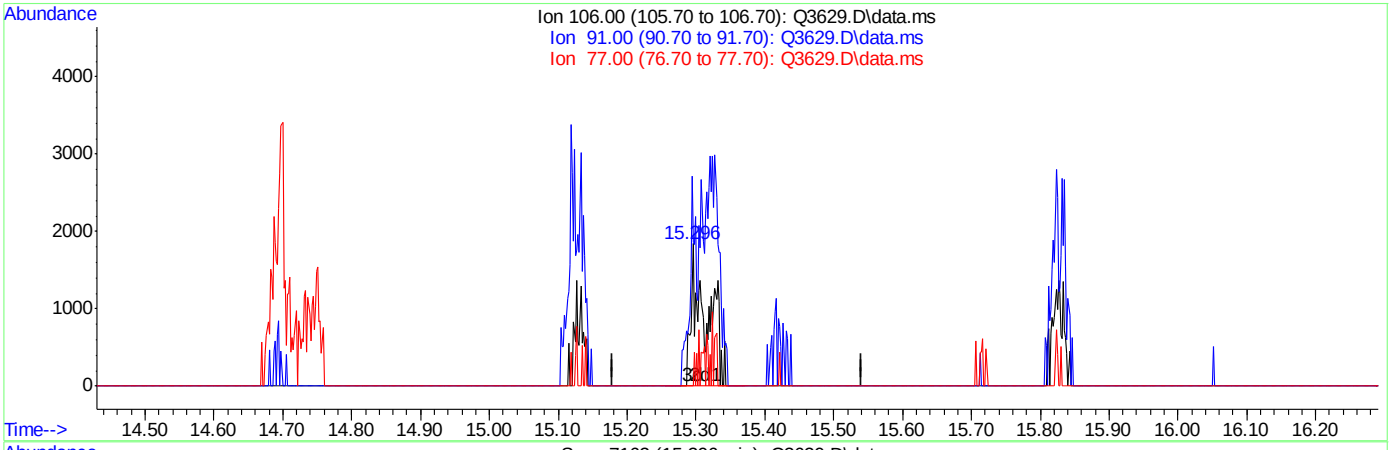
Ion	Exp%	Act%
106.00	100	0.00
91.00	204.20	0.00
77.00	30.60	0.00
0.00	0.00	0.00

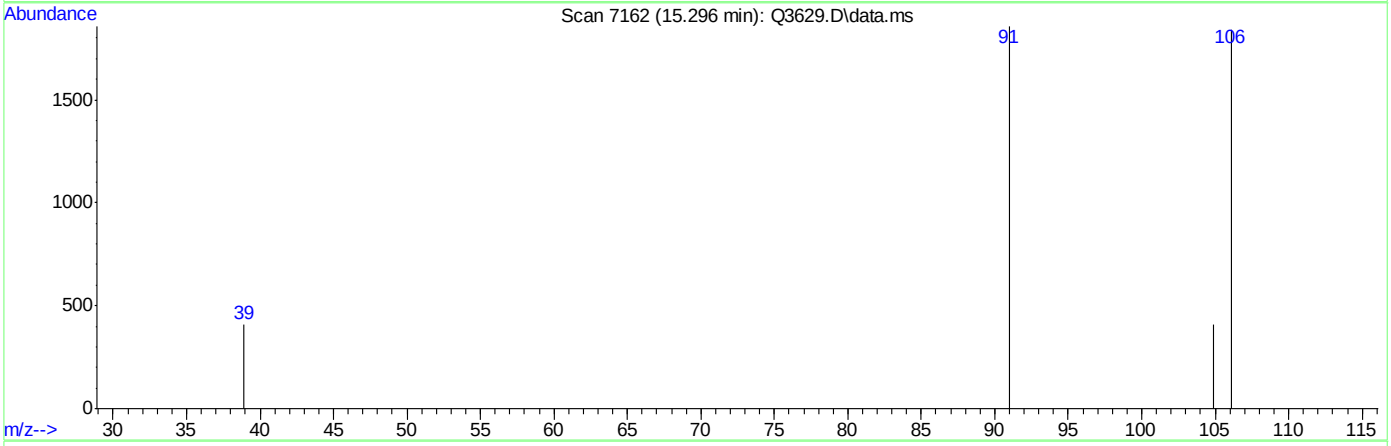
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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





(56) m,p-XYLENE (m)

15.296min (-0.039) 0.20PPBV m

response 2820

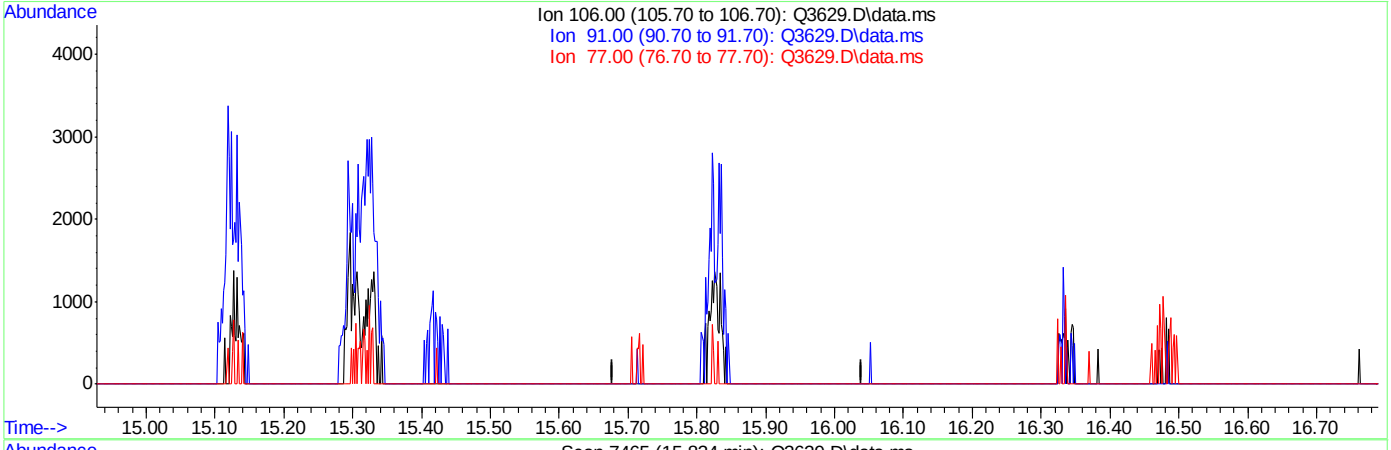
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	100.92#
77.00	30.60	0.00#
0.00	0.00	0.00

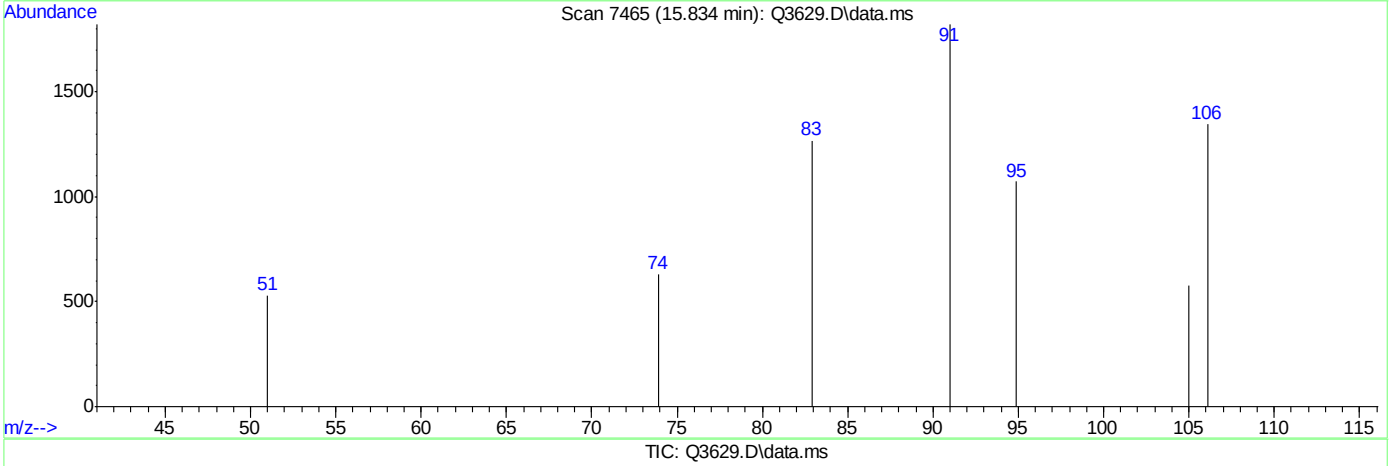
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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





TIC: Q3629.D\data.ms

(57) o-XYLENE (m)

15.834min 0.00PPBV d

response 0

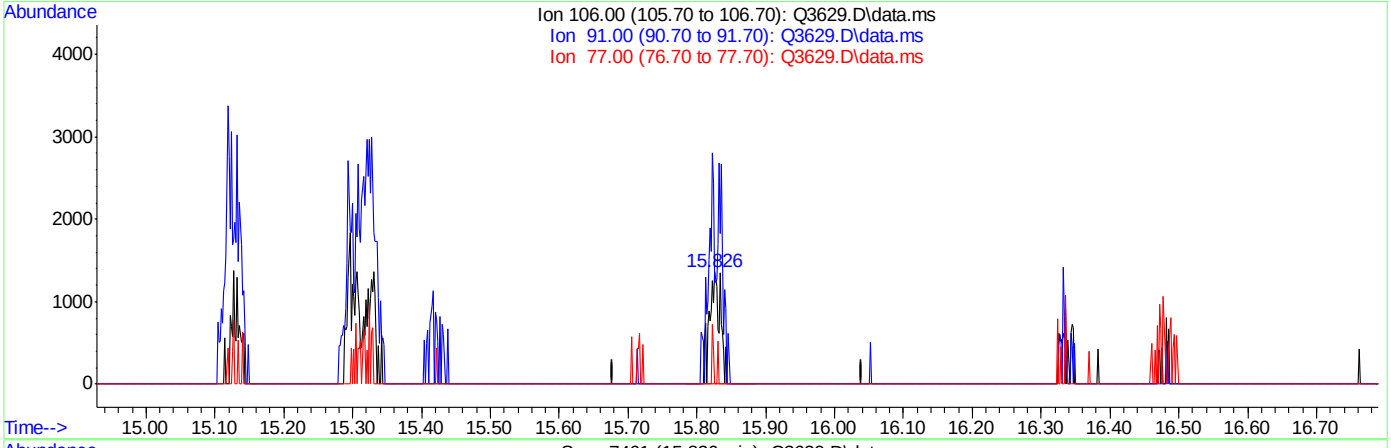
Ion	Exp%	Act%
106.00	100	0.00
91.00	223.70	0.00
77.00	30.00	0.00
0.00	0.00	0.00

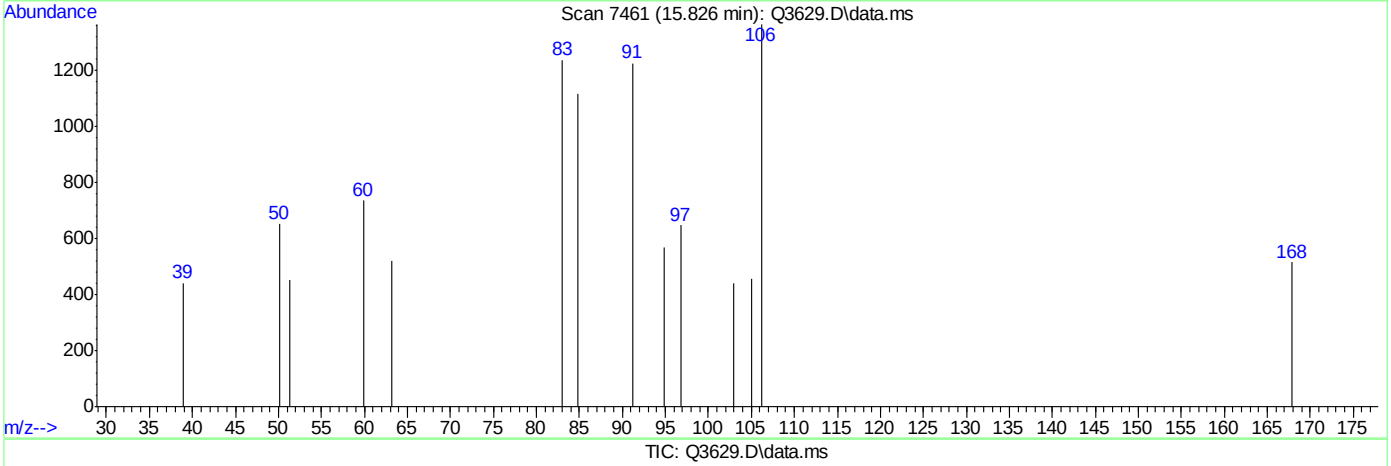
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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





TIC: Q3629.D\data.ms

(57) o-XYLENE (m)

15.826min (-0.007) 0.09PPBV m

response 1511

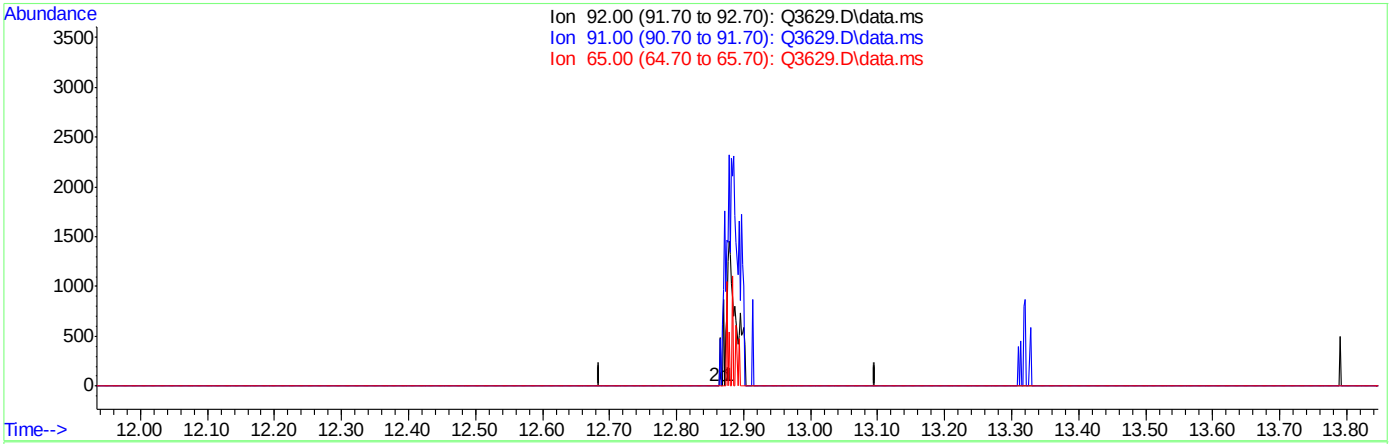
Ion	Exp%	Act%
106.00	100	100
91.00	223.70	0.00#
77.00	30.00	0.00#
0.00	0.00	0.00

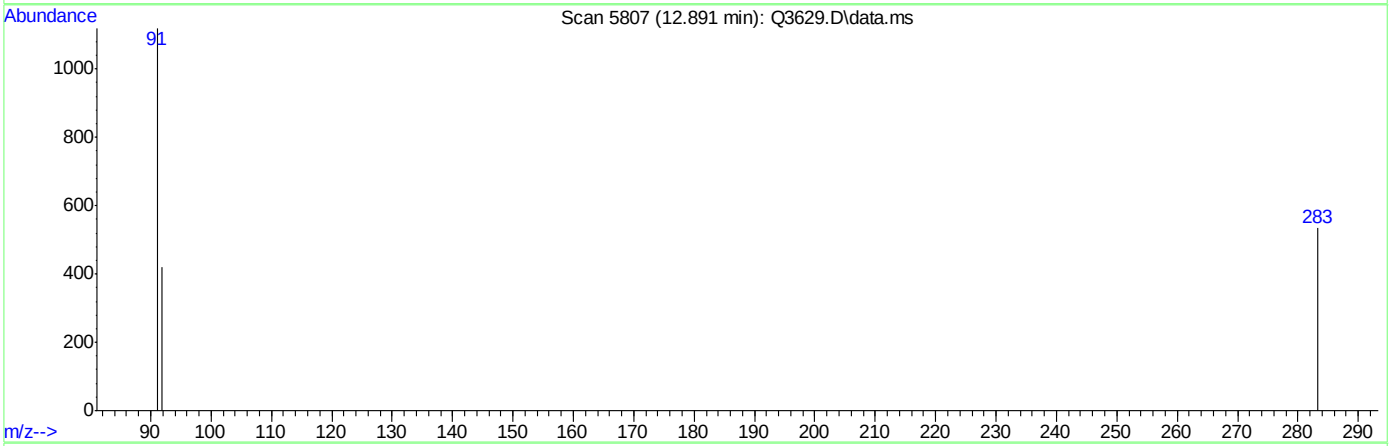
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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





TIC: Q3629.D\data.ms

(46) TOLUENE (m)

12.891min 0.00PPBV d

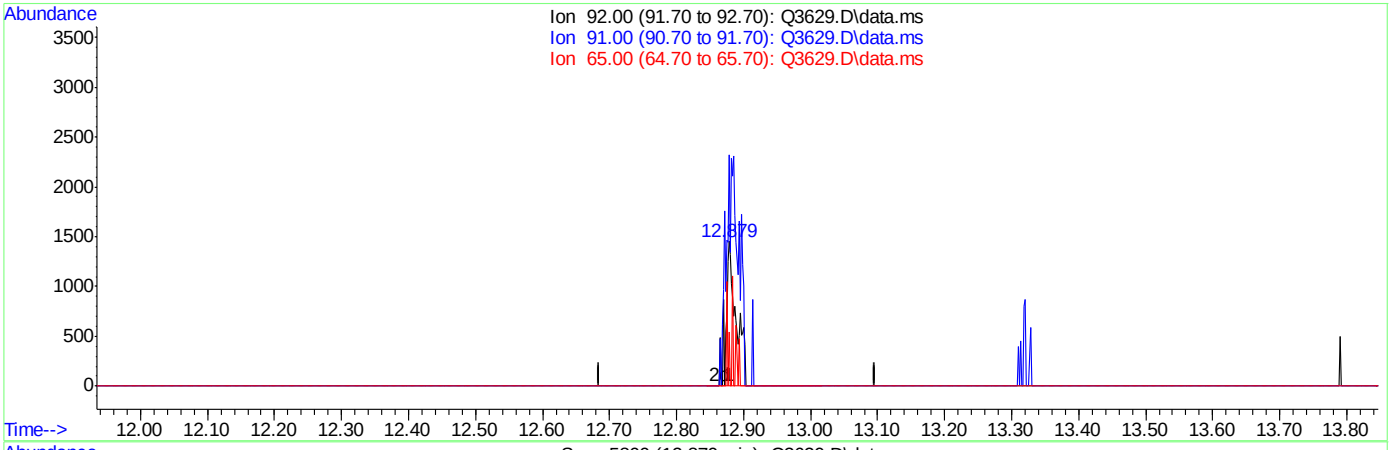
response 0

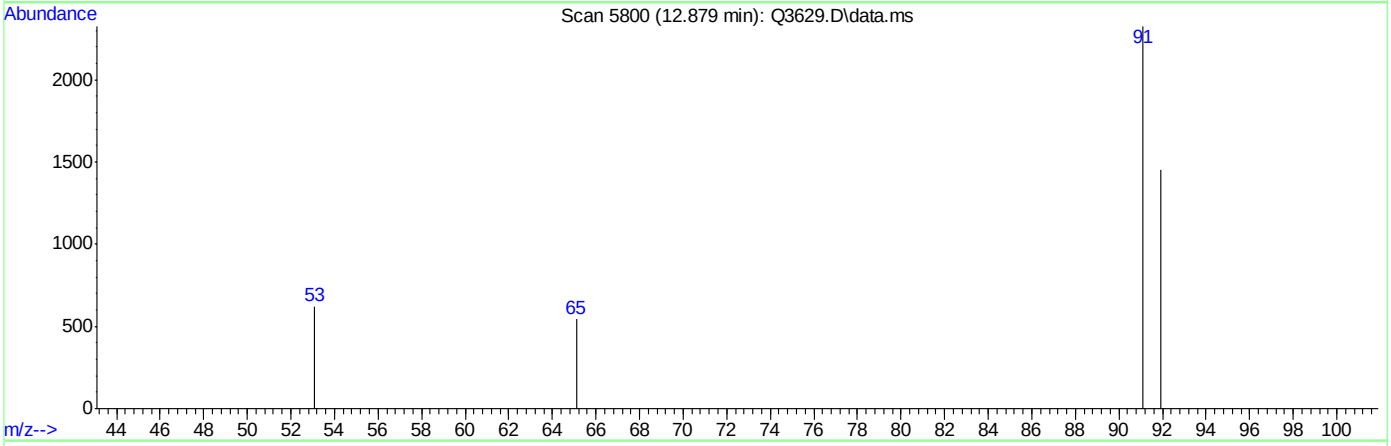
Ion	Exp%	Act%
92.00	100	0.00
91.00	170.80	0.00
65.00	22.90	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3629.D\data.ms

(46) TOLUENE (m)

12.879min (-0.012) 0.10PPBV m

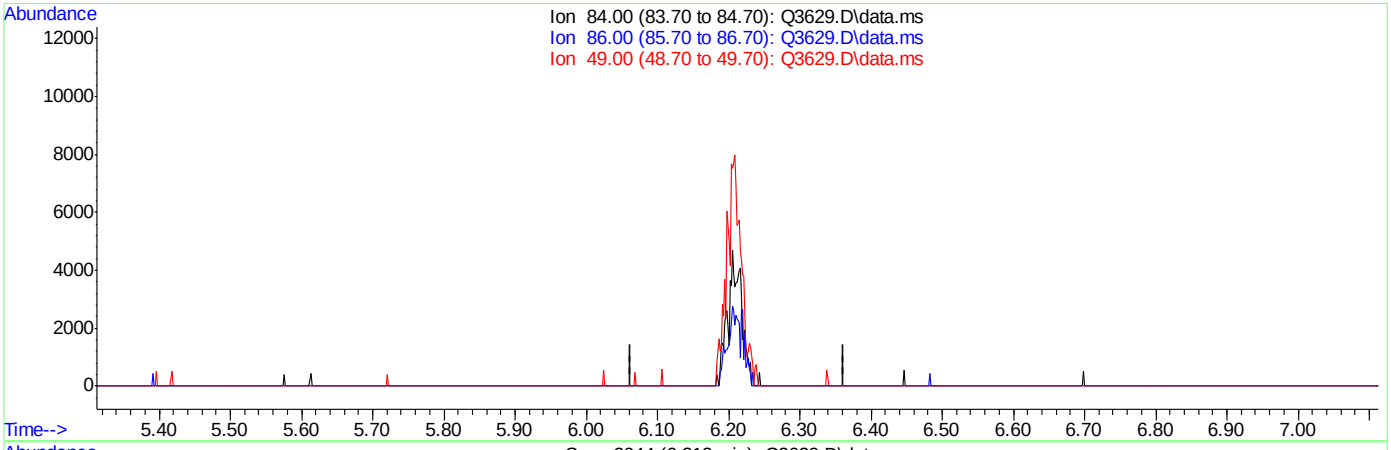
response 1538

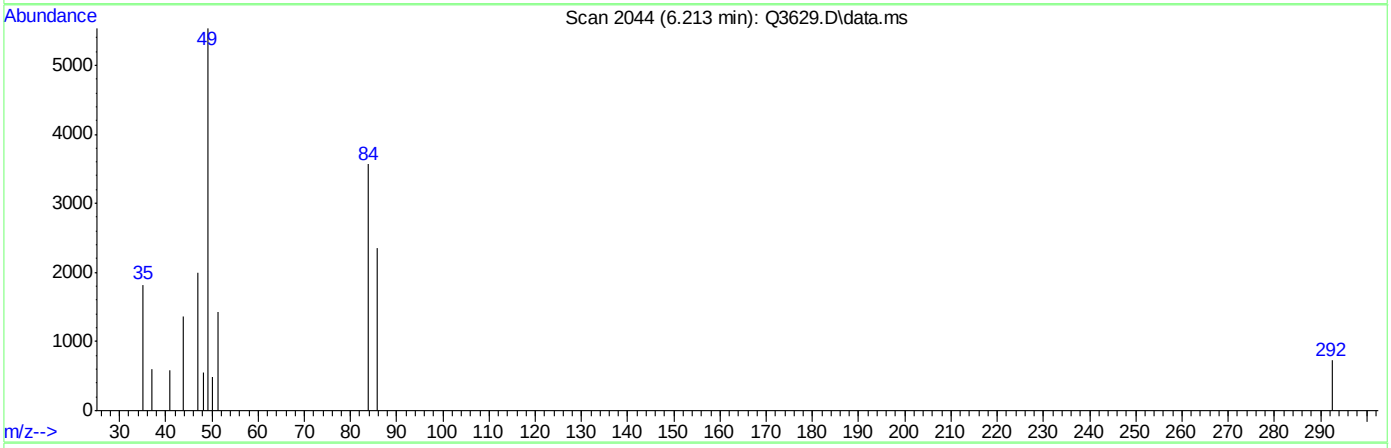
Ion	Exp%	Act%
92.00	100	100
91.00	170.80	0.00#
65.00	22.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3629.D\data.ms

(18) METHYLENE CHLORIDE (m)

6.213min 0.00PPBV d

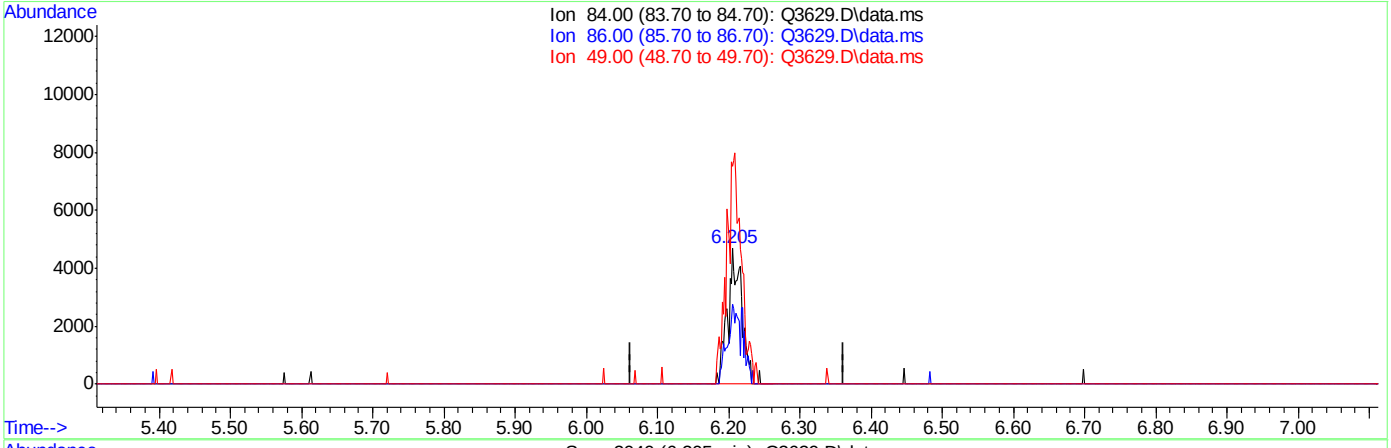
response 0

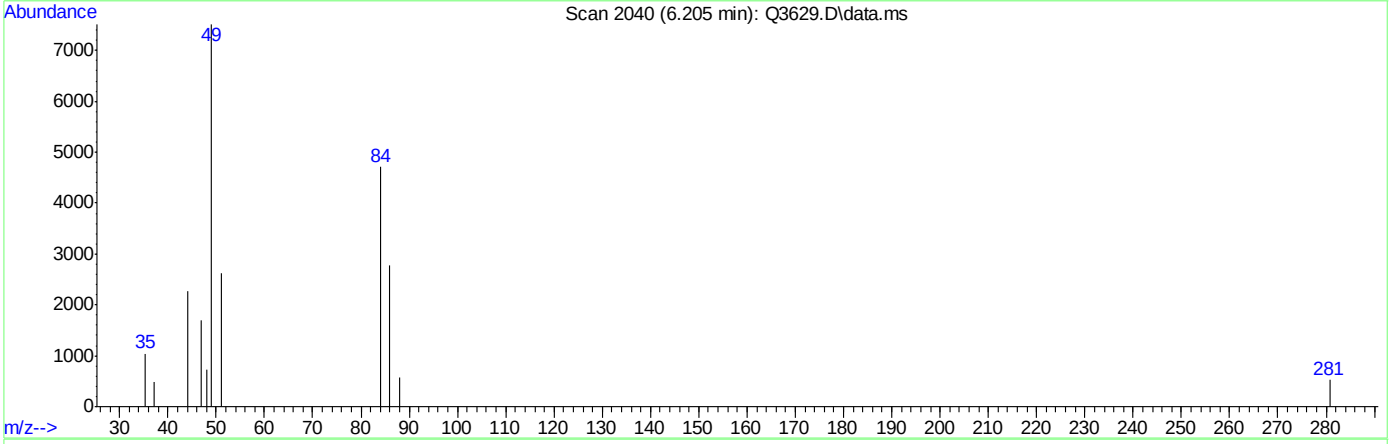
Ion	Exp%	Act%
84.00	100	0.00
86.00	1.10	0.00
49.00	4.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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

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





TIC: Q3629.D\data.ms

(18) METHYLENE CHLORIDE (m)

6.205min (-0.007) 0.41PPBV m

response 6465

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

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

Quantitation Report (QT Reviewed)

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

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

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

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.334	95	124950	5.32	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 106.40%

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

Quantitation Report (QT Reviewed)

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

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

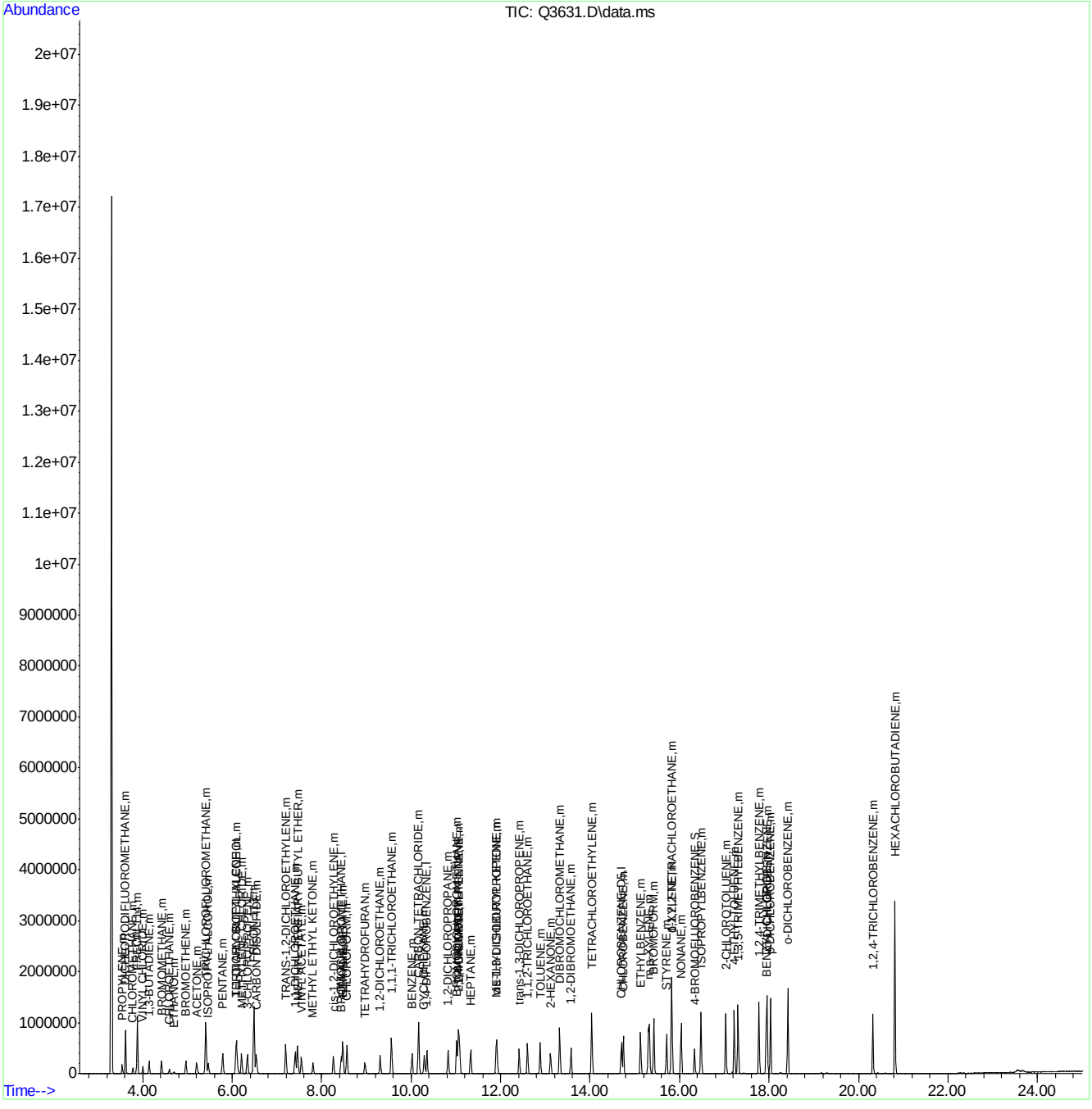
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.922	43	285968	11.38 PPBV	90
45) cis-1,3-DICHLOROPROPENE	11.901	75	180201	11.66 PPBV #	71
46) TOLUENE	12.886	92	183080	10.91 PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.417	75	180375	8.25 PPBV #	100
48) 1,1,2-TRICHLOROETHANE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

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

Quantitation Report (QT Reviewed)

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

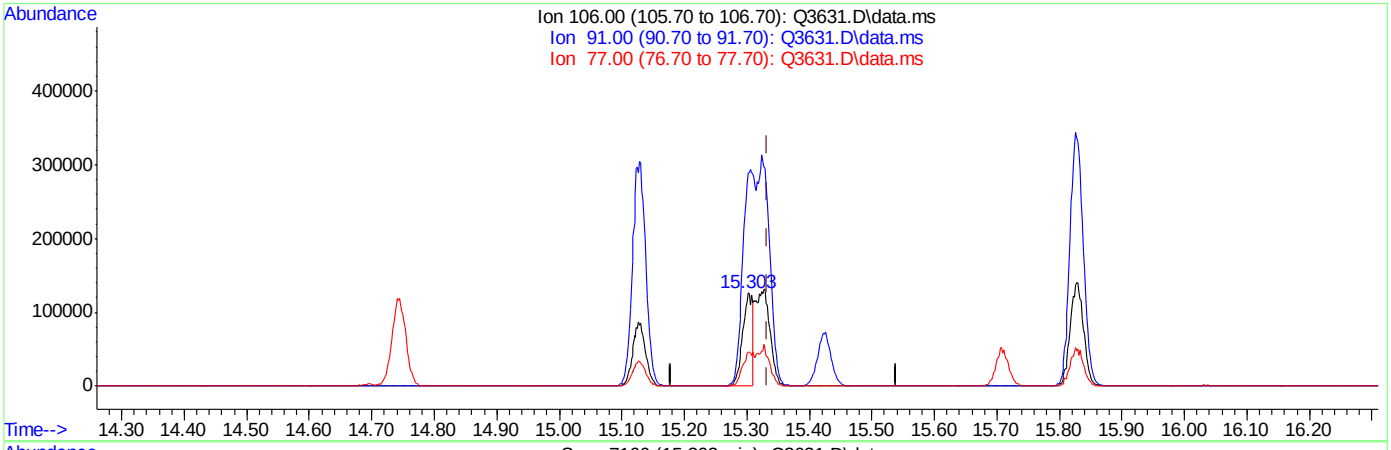
Quant Time: Jun 06 15:10:15 2007
Quant Method : C:\msdchem\1\METHODS\Q060507T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Wed Jun 06 14:52:22 2007
Response via : Initial Calibration

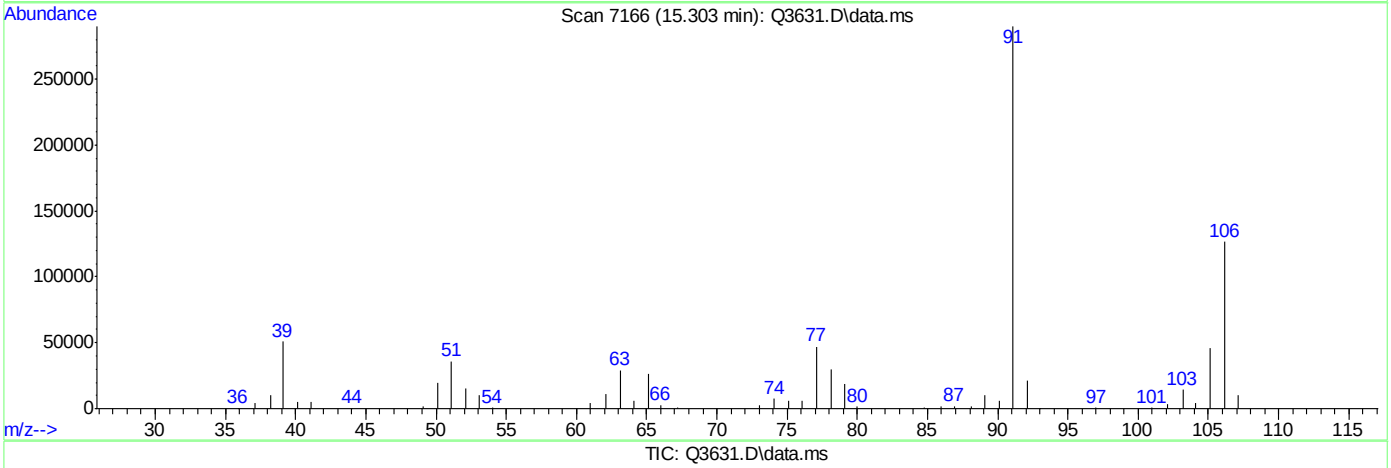


Quantitation Report (Qedit)

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

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





TIC: Q3631.D\data.ms

(56) m,p-XYLENE (m)

15.303min (-0.031) 10.06PPBV

response 140154

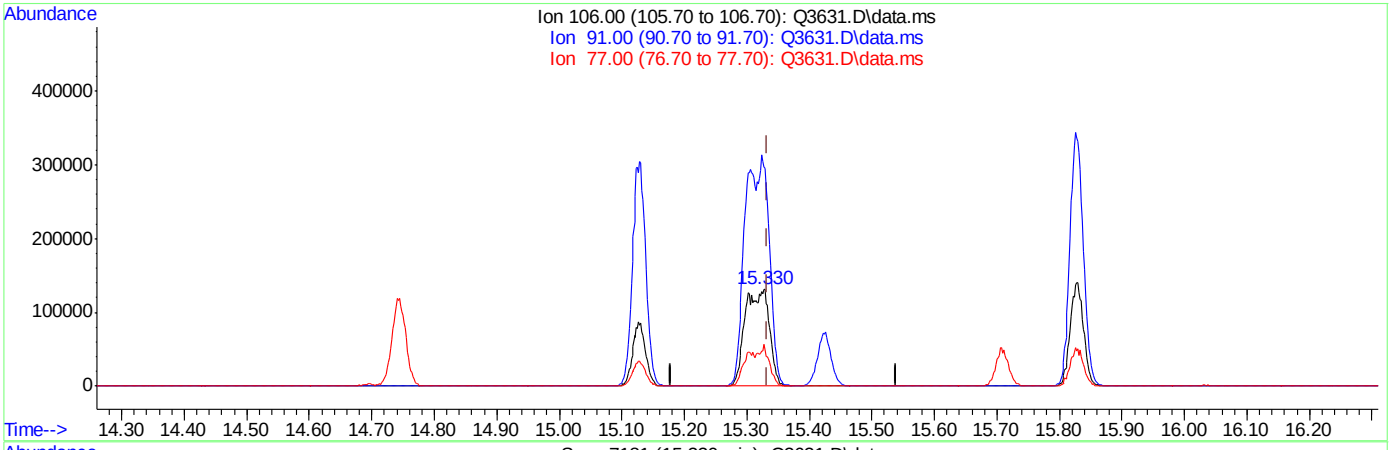
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	229.36
77.00	30.60	37.05#
0.00	0.00	0.00

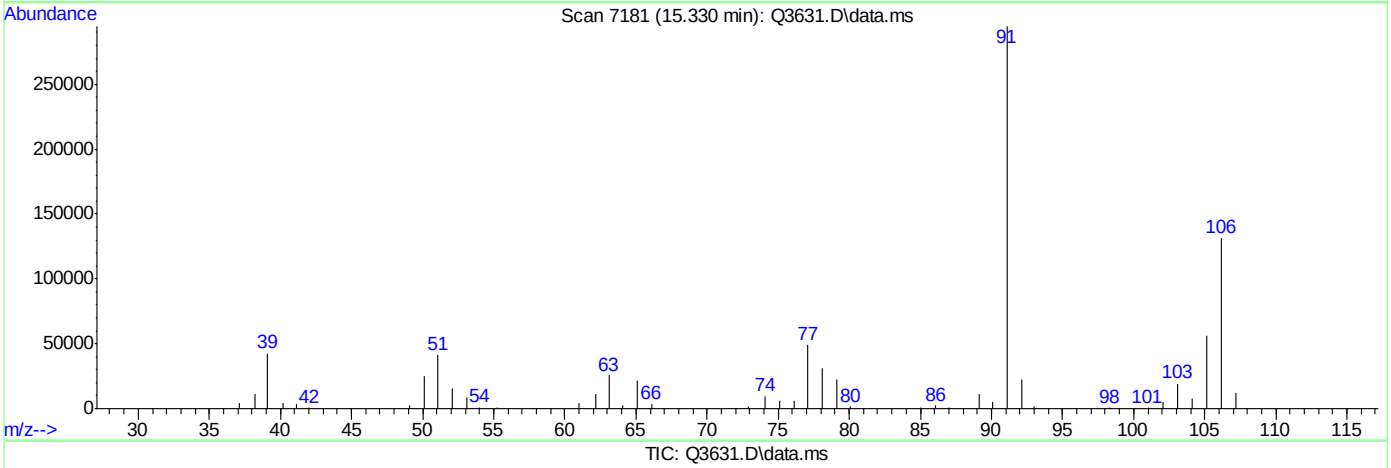
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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





TIC: Q3631.D\data.ms

(56) m,p-XYLENE (m)

15.330min (-0.004) 22.57PPBV m

response 354191

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

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

Quantitation Report (QT Reviewed)

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

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

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

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.334	95	128557	5.38	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 107.60%

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

Quantitation Report (QT Reviewed)

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

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

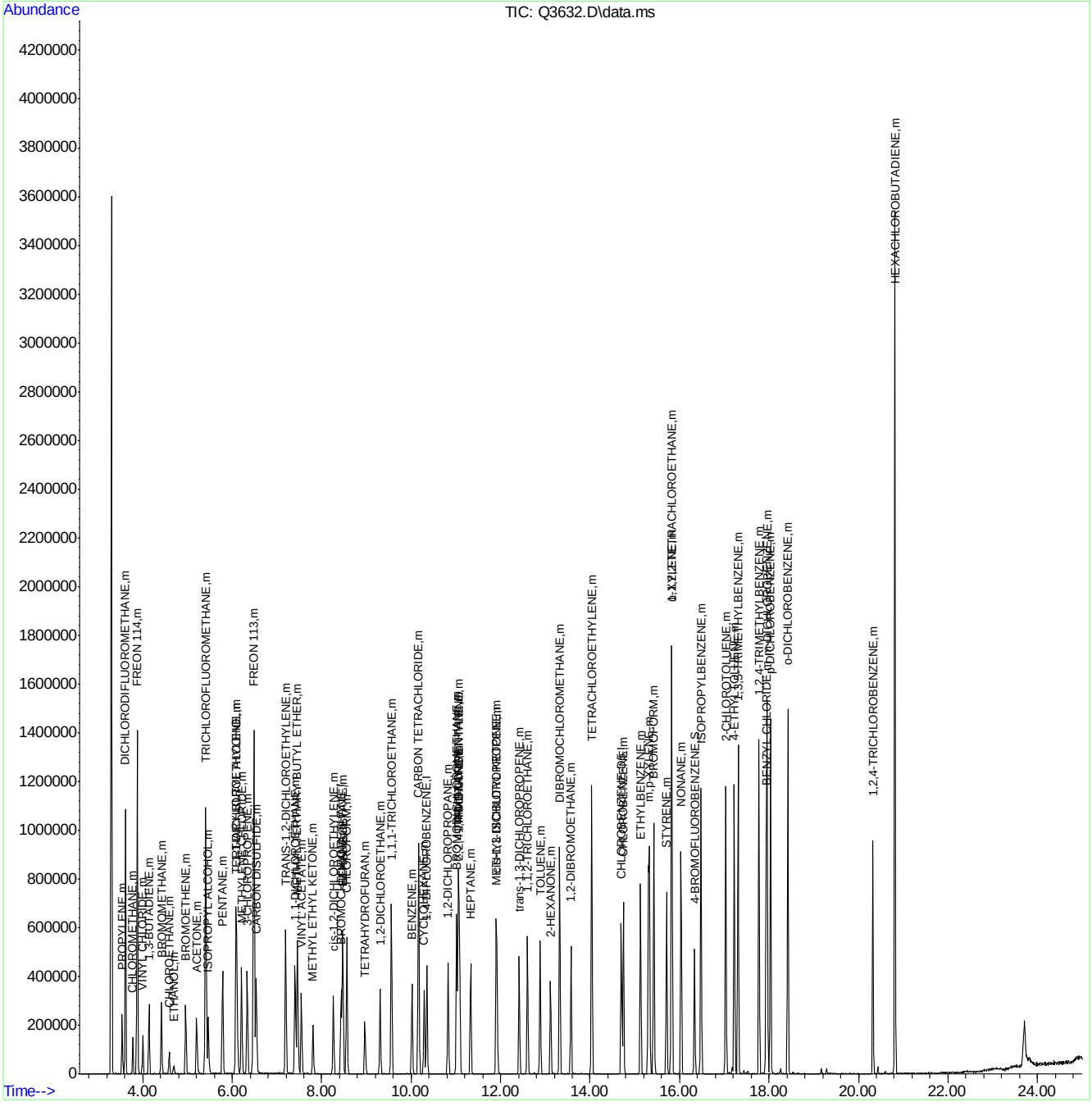
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.918	43	267993	10.52 PPBV	89
45) cis-1,3-DICHLOROPROPENE	11.902	75	171438	10.95 PPBV #	72
46) TOLUENE	12.882	92	171140	10.20 PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.415	75	174579	7.95 PPBV #	99
48) 1,1,2-TRICHLOROETHANE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

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

Quantitation Report (QT Reviewed)

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

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



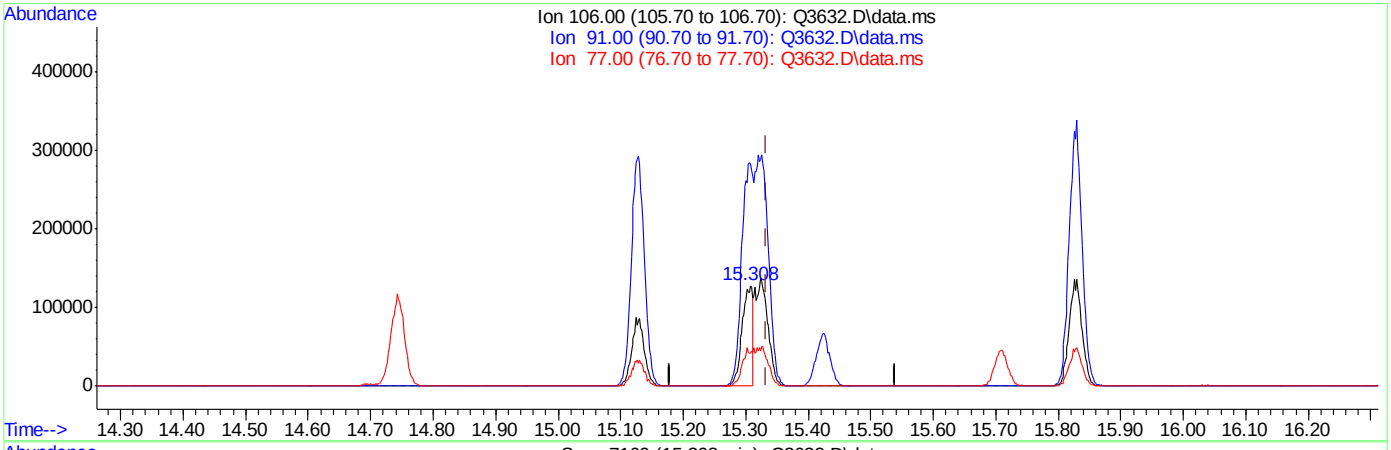
Q060507T.m Wed Jun 06 16:17:08 2007 RPT1 Page: 3

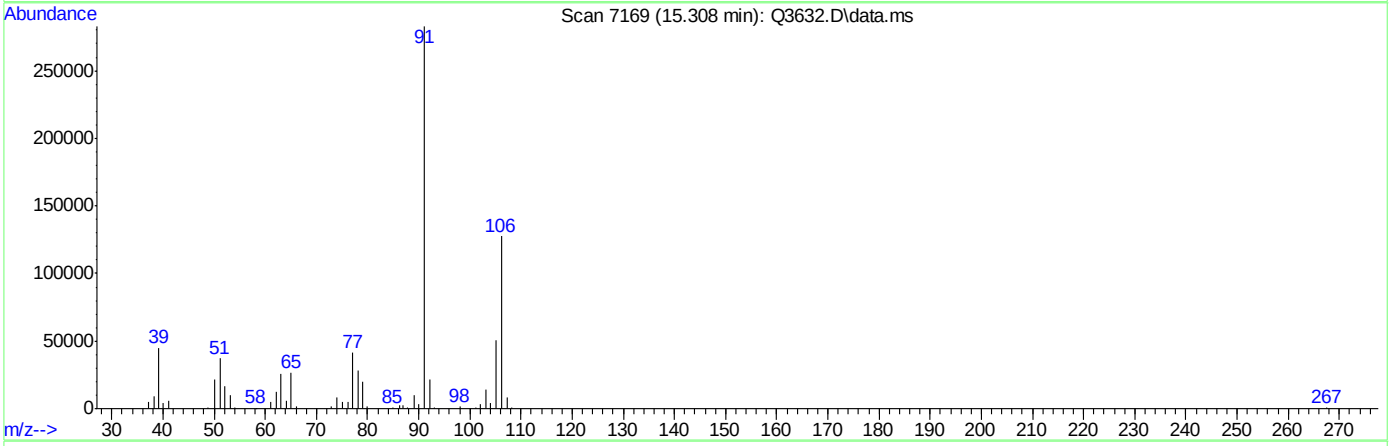
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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





TIC: Q3632.D\data.ms

(56) m,p-XYLENE (m)

15.308min (-0.026) 10.68PPBV

response 151935

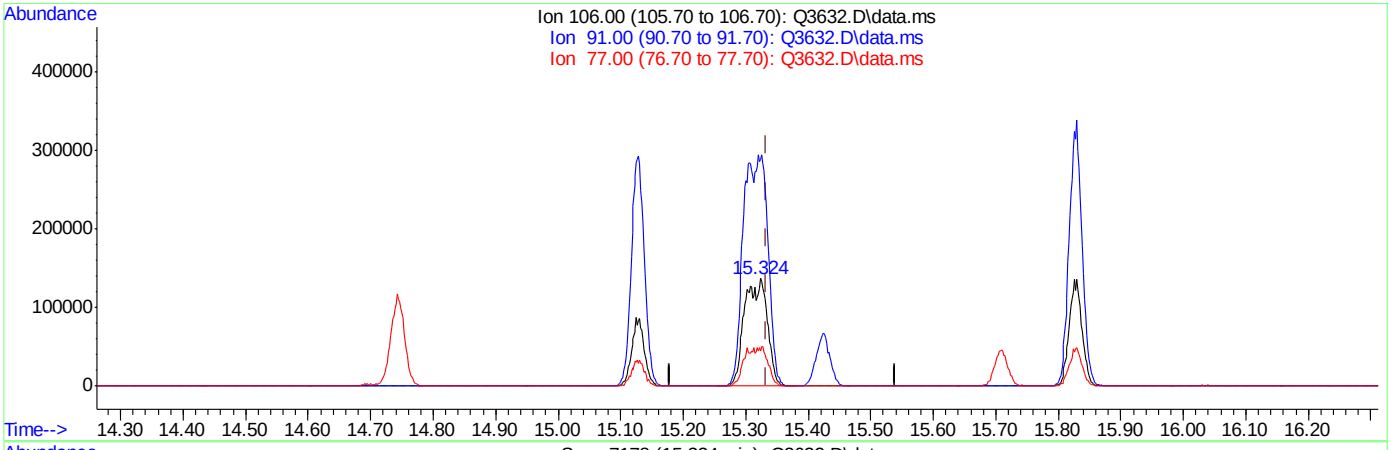
Ion	Exp%	Act%
106.00	100	100
91.00	204.20	221.64
77.00	30.60	32.46
0.00	0.00	0.00

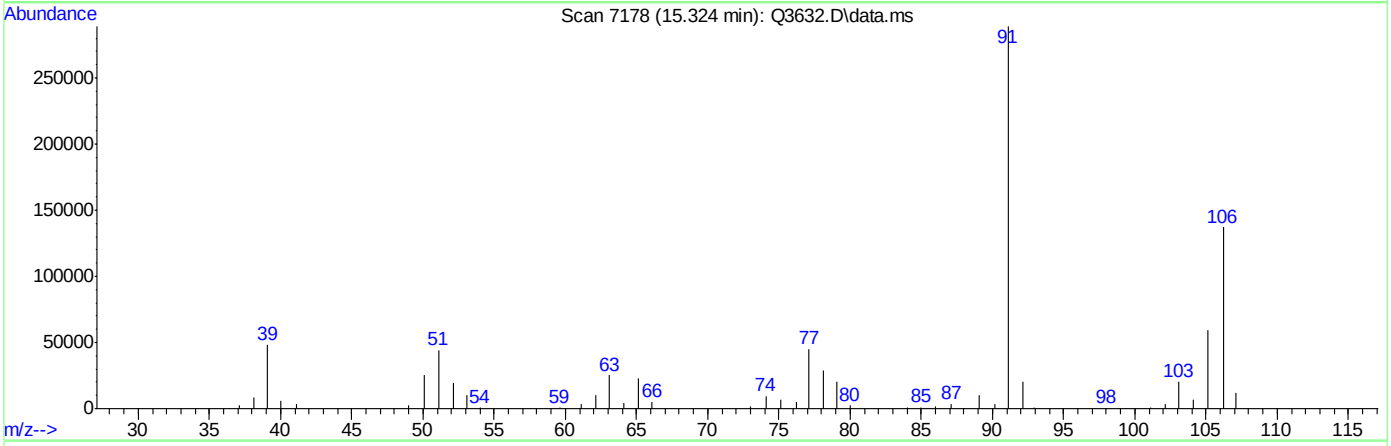
ACCUTEST Laboratories M65607

Quantitation Report (Qedit)

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

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





TIC: Q3632.D\data.ms

(56) m,p-XYLENE (m)

15.324min (-0.010) 21.93PPBV m

response 347729

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

Standard Lot #	
Calib STD 1	MSA356
Calib STD 2	MSA357
ICV	MSA355
Inter/Surr STD	MSA218
BS/BSD	MSA355

File ID	
Tune File 1	J10644
Tune File 2	J10653A
Initial Cal.	6/14/07
ID FILE	J061407T.M
Instrument ID	J
ICAL:	J10653
Column Type:	RTX-1
Sequence Verified By:	DT 6/16/07

Date:	6/14/2007
Analyst:	DANAT
Batch ID:	msj552
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	6/18/2007 2:16:16 PM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
J10644	IC552-0.5	m140	MSA357		1		1		
J10645	IC552-0.2	m140	MSA357		1		1		
J10646	IC552-2	m140	MSA357		1		1		
J10647	IC552-5	m173	MSA356		2		1		
J10648	ICC552-10	m173	MSA356		2		1		
J10649	IC552-20	m173	MSA356		2		1		
J10650	IC552-40	m173	MSA356		2		1		
J10651	BLANK	m137			3		1		
J10652	ICV552-10	m057	MSA355		4		1		Re-run , fails.
J10653	ICV552-10	m057	MSA355		4		1		ok
J10653a	CC552-10	m057	MSA355		4		1		
J10653b	BS	m057	MSA355		4		1		
J10654	BLANK	m137			3		1		
J10655	MB	m127		VTO15STD	3		1		
J10656	M65235-5	m185	MS13715	VTO15STD	5		10		
J10657	M65235-6	m193	MS13715	VTO15STD	6		10		Re-run @ 100x , over calibration.
J10658	M65235-7	m194	MS13715	VTO15STD	7		5		Re-run @ 20x , over calibration.
J10659	M65235-5DUP	m185	MS13715	VTO15STD	5		10		
J10660	M65235-6	m204	MS13715	VTO15STD	6		100		
J10661	M65235-7	m194	MS13715	VTO15STD	7		20		
J10662	M65235-3	m161	MS13715	VTO15STD	9		10000		
J10663	M65235-4	m096	MS13715	VTO15STD	10		10000		
J10664	M65475-1	m103	MS13744	VTO15STD	11		1		
J10665	M65235-9	m098	MS13754	VTO15STD	13		100		Re-run @ 500x , over calibration.
J10666	M65235-10	m096	MS13754	VTO15STD	14		20000		Re-run @ 400,000x , over calibration.
J10667	M65235-11	m006	MS13754	VTO15STD	15		100000		
J10668	M65235-12	m054	MS13754	VTO15STD	16		50000		Re-run @ 200,000x , over calibration.
J10669	M65235-2	m180	MS13754	VTO15STD	3		10		
J10670	M65235-8	m197	MS13754	VTO15STD	4		10		Re-run @ 20x , over calibration.

Standard Lot #	
Calib STD 1	MSA361
Calib STD 2	NA
ICV	NA
Inter/Surr STD	MSA218
BS/BSD	MSA361

File ID	
Tune File 1	J10716
Tune File 2	NA
Initial Cal.	6/14/07
ID FILE	J061407T.M
Instrument ID	J
ICAL:	
Column Type:	RTX-1
Sequence Verified By:	DT 6/22/07

Date:	6/21/2007
Analyst:	DANAT
Batch ID:	msj555
Matrix:	AIR
Approved By:	PHILIPB
Date Approved:	6/22/2007 3:12:13 PM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
J10716	CC552-10	m045	MSA361	VTO15STD	1		1		
J10716a	BS	m045	MSA361	VTO15STD	1		1		
J10717	BLANK	m171	NA	VTO15STD	2				
J10718	MB	m171	NA	VTO15STD	2		1		
J10719	M65230-1R	m025	MS13799	VTO15STD	3		1		
J10720	M65401-1R	m143	MS13799	VTO15STD	4		1		
J10721	M65230-1RDUP	m025	MS13799	VTO15STD	3		1		
J10722	M65248-2R	m124	MS13799	VTO15STD	5		1		
J10723	M65603-1	m003	MS13799	VTO15STD	6		1		
J10724	M65603-2	m016	MS13799	VTO15STD	7		1		
J10725	M65607-1	m026	MS13799	VTO15STD	8		1		
J10726	M65607-2	m157	MS13799	VTO15STD	9		1		Run did not finish due to instrument error.

Standard Lot #	
Calib STD 1	MSA356
Calib STD 2	MSA357,MSA363
ICV	MSA361
Inter/Surr STD	MSA218
BS/BSD	MSA361

File ID	
Tune File 1	J10727
Tune File 2	J10737A
Initial Cal.	6/22/07
ID FILE	J062207T.M
Instrument ID	J
ICAL:	J10737
Column Type:	RTX-1
Sequence Verified By:	DT 6/25/07

Date:	6/22/2007
Analyst:	DANAT
Batch ID:	msj556
Matrix:	AIR
Approved By:	PHILIPB
Date Approved:	6/26/2007 3:58:07 PM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
J10727	CC552-10	m057	MSA361	VTO15STD	1		1	NA	fails , recalibrate
J10728	IC556-0.5	m140	MSA357	VTO15STD	1		1	NA	
J10729	IC556-0.2	m140	MSA357	VTO15STD	1		1	NA	
J10730	IC556-2	m140	MSA357	VTO15STD	1		1	NA	Re-run, hexachlorobutadiene is an outlier.
J10731	IC556-40	m173	MSA356	VTO15STD	2		1	NA	
J10732	IC556-20	m173	MSA356	VTO15STD	2		1	NA	
J10733	ICC556-10	m173	MSA356	VTO15STD	2		1	NA	
J10734	IC556-5	m173	MSA356	VTO15STD	2		1	NA	
J10735	IC556-2	m140	MSA357	VTO15STD	1		1	NA	Re-run using different std. , hexachlorobutadiene still fails.
J10736	IC556-2	m141	MSA363	VTO15STD	1		1	NA	
J10737	ICV556-10	m045	MSA361	VTO15STD	1		1	NA	
J10737a	CC556-10	m045	MSA361	VTO15STD	1		1	NA	
J10737b	BS	m045	MSA361	VTO15STD	1		1	NA	
J10738	BLANK	m006	NA	VTO15STD	4		1	NA	
J10739	SCC	m188	NA	VTO15STD	5		1	NA	fails with toluene hit, reclean batch.
J10740	MB	m098	NA	VTO15STD	6		1	NA	
J10741	SCC	m161	NA	VTO15STD	7		1	NA	
J10742	SCC	m103	NA	VTO15STD	8		1	NA	
J10743	SCC	m054	NA	VTO15STD	9		1	NA	
J10744	SCC	m112	NA	VTO15STD	10		1	NA	
J10745	SCC	m077	NA	VTO15STD	11		1	NA	
J10746	SCC	a736	NA	VTO15STD	12		1	NA	
J10747	SCC	m096	NA	VTO15STD	13		1	NA	
J10748	SCC	m043	NA	VTO15STD	14		1	NA	
J10749	SCC	a737	NA	VTO15STD	15		1	NA	
J10750	SCC	m079	NA	VTO15STD	16		1	NA	
J10751	M65607-2	m157	MS13799	VTO15STD	1		1	MC114	
J10752	M65607-DUP	m157	MS13799	VTO15STD	1		1	MC114	
J10753	M65529-1	m144	MS13762	VTO15STD	2		10	NA	
J10754	M65530-1	m162	MS13762	VTO15STD	3		1	NA	Re-run , 124-TMB hit and fails high in cc

Standard Lot #	
Calib STD 1	MSA336
Calib STD 2	MSA337
ICV	MSA338
Inter/Surr STD	MSA218
BS/BSD	NA

File ID	
Tune File 1	Q3387.D
Tune File 2	NA
Initial Cal.	5-15-07
ID FILE	Q051507T.M
Instrument ID	Q
ICAL:	Q3395.D
Column Type:	RTX-1
Sequence Verified By:	PB 5-16-07

Date:	5/15/2007
Analyst:	PHILIPB
Batch ID:	MSQ185
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	5/24/2007 10:13:46 AM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
Q3380	BLK	M026	NA	VTO15STD	1		1	NA	O.K.
Q3381	BLK	M026	NA	VTO15STD	2		1	NA	O.K.
Q3382	CC180-10	M148	NA	VTO15STD	3		1	NA	Failed; re-cal
Q3383	40 PPBV	M060	MSA336	VTO15STD	4		1	NA	Late end Contamination.
Q3384	20 PPBV	M060	MSA336	VTO15STD	5		1	NA	Late end Contamination.
Q3385	10 PPBV	M060	MSA336	VTO15STD	6		1	NA	Late end Contamination.
Q3386	5 PPBV	M060	MSA336	VTO15STD	7		1	NA	Late end Contamination.
Q3387	IC185-2	M060	MSA336	VTO15STD	8		1	NA	O.K.; BFB
Q3388	IC185-.5	M044	MSA337	VTO15STD	9		1	NA	Pulse gas depleted; carry over from previous run.
Q3389	IC185-.2	M044	MSA337	VTO15STD	10		1	NA	O.K.
Q3390	IC185-40	M060	MSA336	VTO15STD	11		1	NA	O.K.
Q3391	IC185-5	M060	MSA336	VTO15STD	12		1	NA	O.K.
Q3392	IC185-20	M060	MSA336	VTO15STD	13		1	NA	O.K.
Q3393	IC185-10	M060	MSA336	VTO15STD	14		1	NA	O.K.
Q3394	IC185-.5	M044	MSA337	VTO15STD	15		1	NA	O.K.
Q3395	ICV185-10	M068	MSA338	VTO15STD	16		1	NA	O.K.

Standard Lot #	
Calib STD 1	MSA336
Calib STD 2	MSA337
ICV	MSA338
Inter/Surr STD	MSA218
BS/BSD	MSA338

File ID	
Tune File 1	Q3396.D
Tune File 2	NA
Initial Cal.	5-15-07
ID FILE	Q051507T.M
Instrument ID	Q
ICAL:	Q3395.D
Column Type:	RTX-1
Sequence Verified By:	PB 5-17-07

Date:	5/16/2007
Analyst:	PHILIPB
Batch ID:	MSQ186
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	5/18/2007 11:44:27 AM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
Q3396	CC185-10	M068	MSA338	VTO15STD	3		1	NA	O.K.; BFB
Q3396A	BS	M068	MSA338	VTO15STD	3		1	NA	O.K.
Q3397	MB	M128	MS13579	VTO15STD	4		1	NA	Can contaminated; re-clean
Q3398	MB	M142	MS13579	VTO15STD	4		1	NA	O.K.
Q3398A	M64987-1	M142	MS13579	VTO15STD	4		1	NA	O.K.; Certification Blank.
Q3399	M64701-1	M061	MS13551	VTO15STD	5		20	MC104	Report with J10324.D
Q3400	M64987-2	M125	MS13579	VTO15STD	6		1	NA	O.K.; Certification Blank.
Q3401	M64987-3	M149	MS13579	VTO15STD	7		1	NA	O.K.; Certification Blank.
Q3402	M64698-2RDUP	M094	MS13579	VTO15STD	8		1	MC121	O.K.
Q3403	M64698-2R	M094	MS13579	VTO15STD	8		1	MC121	Re-run 4X
Q3404	M64743-2	M021	MS13579	VTO15STD	9		1	MC106	O.K.
Q3405	M64743-2	M021	MS13579	VTO15STD	9		10	MC106	Dilution not required
Q3406	M64782-2	M082	MS13579	VTO15STD	10		1	MC118	O.K.
Q3407	M64782-2	M082	MS13579	VTO15STD	10		10	MC118	Dilution not required
Q3408	M64987-4	M033	MS13579	VTO15STD	11		1	NA	O.K.; Certification Blank.
Q3409	M64987-5	M157	MS13579	VTO15STD	12		1	NA	O.K.; Certification Blank.
Q3410	M64987-6	M143	MS13579	VTO15STD	13		1	NA	O.K.; Certification Blank.
Q3411	M64987-7	M103	MS13579	VTO15STD	14		1	NA	O.K.; Certification Blank.
Q3412	BLK	M003	MS13579	VTO15STD	15		1	NA	ISTD Low; re-run
Q3413	BLK	M016	MS13579	VTO15STD	16		1	NA	ISTD Low; re-run
Q3414	BLK	M124	MS13579	VTO15STD	1		1	NA	ISTD Low; re-run
Q3415	BLK	M123	MS13579	VTO15STD	2		1	NA	ISTD Low; re-run
Q3416	BLK	M128	MS13579	VTO15STD	3		1	NA	ISTD Low; re-run
Q3417	BLK	M027	MS13579	VTO15STD	4		1	NA	ISTD Low; re-run
Q3418	BLK	M100	MS13579	VTO15STD	5		1	NA	ISTD Low; re-run
Q3419	BLK	M064	MS13579	VTO15STD	6		1	NA	ISTD Low; re-run
Q3420	FCB067	M180	MS13579	VTO15STD	7		1	MC063	O.K.
Q3421	FCB068	M190	MS13579	VTO15STD	7		1	MC019	O.K.
Q3422	FCB069	M198	MS13579	VTO15STD	7		1	MC020	O.K.

Standard Lot #	
Calib STD 1	MSA349
Calib STD 2	MSA350
ICV	MSA353
Inter/Surr STD	MSA218
BS/BSD	MSA343
NAP STD	MSA344

File ID	
Tune File 1	Q3622.D
Tune File 2	NA
Initial Cal.	6-5-07
ID FILE	Q060507T.M
Instrument ID	Q
ICAL:	3631.D
Column Type:	RTX-1
Sequence Verified By:	PB 6-6-07

Date:	6/5/2007
Analyst:	PHILIPB
Batch ID:	MSQ197
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	6/11/2007 10:33:36 AM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
Q3622	IC197-4	M142	MSA344	VTO15STD	1		1	NA	O.K.; BFB
Q3623	IC197-40	M109	MSA349	VTO15STD	2		1	NA	O.K.
Q3624	IC197-20	M109	MSA349	VTO15STD	2		1	NA	O.K.
Q3625	ICC197-10	M109	MSA349	VTO15STD	2		1	NA	O.K.
Q3626	IC197-5	M109	MSA349	VTO15STD	2		1	NA	O.K.
Q3627	IC197-2	M109	MSA349	VTO15STD	2		1	NA	O.K.
Q3628	IC197-.5	M122	MSA350	VTO15STD	3		1	NA	O.K.
Q3629	IC197-.2	M122	MSA350	VTO15STD	3		1	NA	O.K.
Q3630	ICV197-10	M021	MSA343	VTO15STD	4		1	NA	STD DEGRADED, MAKE NEW STD.
Q3631	ICV197-10	M179	MSA353	VTO15STD	4		1	NA	O.K.

Standard Lot #	
Calib STD 1	MSA349
Calib STD 2	MSA350
ICV	MSA353
Inter/Surr STD	MSA218
BS/BSD	MSA353
NAP STD	MSA344

File ID	
Tune File 1	Q3632.D
Tune File 2	NA
Initial Cal.	6-5-07
ID FILE	Q060507T.M
Instrument ID	Q
ICAL:	Q3633.D
Column Type:	RTX-1
Sequence Verified By:	PB 6-7-07

Date:	6/6/2007
Analyst:	PHILIPB
Batch ID:	MSQ198
Matrix:	AIR
Approved By:	DOUGY
Date Approved:	6/11/2007 10:34:03 AM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
Q3632	CC197-10	M179	MSA353	VTO15STD	4		1	NA	O.K. BFB
Q3632A	BS	M179	MSA353	VTO15STD	4		1	NA	O.K.
Q3633	MB	M026	MS13699	VTO15STD	5		1	NA	O.K.
Q3633A	M65337-1	M026	MS13699	VTO15STD	5		1	NA	Cert. Blank (CP428)
Q3634	M65072-1	M087	MS13699	VTO15STD	6		10	MC069	Re-run 5X
Q3635	M65072-1	M087	MS13699	VTO15STD	6		5	MC069	O.K.
Q3636	M65072-1DUP	M087	MS13699	VTO15STD	6		5	MC069	O.K.
Q3637	M65136-3	M171	MS13699	VTO15STD	7		1	NA	O.K.
Q3638	M65136-2	M160	MS13699	VTO15STD	8		1	MC037	O.K.
Q3639	M65136-1	M132	MS13699	VTO15STD	9		1	MC033	O.K.
Q3640	M65137-1	M127	MS13699	VTO15STD	10		10	MC118	O.K.
Q3641	M65246-3	M013	MS13699	VTO15STD	11		20	MC013	O.K.
Q3642	M65337-2	M149	MS13699	VTO15STD	12		1	NA	O.K.
Q3643	M65230-2	M032	MS13699	VTO15STD	13		10	MC113	Re-run straight.
Q3644	M65230-2	M032	MS13699	VTO15STD	13		1	MC113	O.K.
Q3645	M65235-1	M190	MS13699	VTO15STD	14		20	NA	Dilution required due to matrix interference.
Q3646	M65235-2	M183	MS13699	VTO15STD	15		20	NA	Re-run 1000X, not reported
Q3647	BLK	M129	MS13699	VTO15STD	15		1	NA	Carryover.
Q3648	BLK	M129	MS13699	VTO15STD	15		1	NA	Carryover.
Q3649	BLK	M129	MS13699	VTO15STD	15		1	NA	Carryover.
Q3650	BLK	M129	MS13699	VTO15STD	15		1	NA	Carryover.
Q3651	BLK	M129	MS13699	VTO15STD	16		1	NA	Carryover.
Q3652	BLK	M129	MS13699	VTO15STD	15		1	NA	Carryover.
Q3653	BLK	M052	MS13699	VTO15STD	16		1	NA	Carryover.
Q3654	NAP STD	M142	MS13699	VTO15STD	1		1	NA	NA