New England ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

08/22/07

Technical Report for

GEI Consultants, Inc.

GEI Tufts Street Somerville MA

045162

Accutest Job Number: M66975

Sampling Date: 08/10/07

Report to:

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

ATTN: Raymond Siegener, Ph.D.

Total number of pages in report: **224**

ACCREDITED IN ACCORDANCE WITH nelac

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

Reza Tand
Lab Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Kristen Blanchard 508-481-6200

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

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Test results relate only to samples analyzed.

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Sample Summary

GEI Consultants, Inc.

Job No: M66975

GEI Tufts Street Somerville MA
Project No: 045162

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
M66975-1	08/10/07	12:38	SLS	08/13/07	AIR	Air	045162-16A1ST-1
M66975-2	08/10/07	12:40	SLS	08/13/07	AIR	Air	045162-16A1ST-B

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	GEI Consultants, Inc.	**Job No**	M66975
Site:	GEI Tufts Street Somerville MA	**Report Date**	8/20/2007 4:06:15 PM

2 Sample(s) were collected on 08/10/2007 and were received at Accutest on 08/13/2007. These Samples received an Accutest job number of M66975. 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:** MSQ228

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M66975-2DUP were used as the QC samples indicated.
- RPD(s) for Duplicate for Carbon tetrachloride are outside control limits for sample M66975-2DUP. High RPD due to sample levels below reporting limit.
- M66975-2DUP has internal standard outside control limits due to possible matrix interference. Confirmed by reanalysis.

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(M66975).

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-16A1ST-1		
Lab Sample ID:	M66975-1	**Date Sampled:**	08/10/07
Matrix:	AIR - Air Summa ID: M053	**Date Received:**	08/13/07
Method:	TO-15	**Percent Solids:**	n/a
Project:	GEI Tufts Street Somerville MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q4299.D	1	08/15/07	DFT	n/a	n/a	MSQ228
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	0.097	0.20	ppbv	J	0.61	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	0.88	0.20	ppbv		4.8	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	0.14	0.20	ppbv	J	0.95	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	81%		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:	045162-16A1ST-B		
Lab Sample ID:	M66975-2	**Date Sampled:**	08/10/07
Matrix:	AIR - Air Summa ID: M076	**Date Received:**	08/13/07
Method:	TO-15	**Percent Solids:**	n/a
Project:	GEI Tufts Street Somerville MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q4300.D	1	08/15/07	DFT	n/a	n/a	MSQ228
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	0.13	0.20	ppbv	J	0.82	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	0.11	0.20	ppbv	J	0.60	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	0.23	0.20	ppbv		1.6	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	79%		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 #: M66975

PAGE ___ OF ___

Client / Reporting Information

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

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

Weather Parameters

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

Lab Sample #	Field ID / Point of Collection	Air Type: Indoor(I) Soil Vap(SV) Ambient(A)	Sampling Equipment Info: Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Start Sampling Information: Date	Time (24hr clock)	Canister Pressure (" Hg)	Interior Temp (F)	Sampler Init.	Stop Sampling Information: Date	Time (24hr clock)	Canister Pressure (" Hg)	Interior Temp (F)	Sampler Init.	Requested Analysis: Standard TO-15 Reporting List	MA DEP APH
-1	045162-16A1st-1	I	M053	6L	ML084	8/10/07	0827	29	81.6	SLS	8/10/07	1238	4	83	SLS		
-2	045162-16A1st-B	I	M076	6L	ML073	8/10/07	0833	29	77.9	SLS	8/10/07	1240	4	79	SLS		

Turnaround Time / Business days

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

Approved By:
Date:

Data Deliverable Information

Comm A
Comm B
Full T1
Other:

Comments / Remarks

Please see attached list of analytes.

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

Relinquished by Laboratory:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		1	2 GEI Lab	8/10/07 0730	2
3	8/10/07 1630	3 GEI Lab	4	8/10/07 1425	4
5	8/13/07 3:30 p.m.	5	Custody Seal #		

SM013-01 (7/14/06)

M66975: Chain of Custody
Page 1 of 2

Sub Slab 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: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA
Received: 08/13/07

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
M053	6	29.4	07/18/07	DFT	CP446	Q3996.D	M66975-1	08/15/07	DFT	3			1
M076	6	29.4	07/18/07	DFT	CP446	Q3996.D	M66975-2	08/15/07	DFT	4.2			1

FLOW CONTROLLERS

Shipping					Receiving		
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min
MC073	06/26/07	PB	20	4	08/15/07	DFT	20.6
MC084	06/26/07	PB	20	4	08/15/07	DFT	21

Accutest Bottle Order(s):
GEI/7-18-07/TUFTS ST
PB/6-26-07/GEI/TUFTS ST.

Prep Date	Room Temp(F)	Bar Pres "Hg
07/18/07	70	29.92

Internal Sample Tracking Chronicle

GEI Consultants, Inc.

Job No: M66975

GEI Tufts Street Somerville MA
Project No: 045162

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M66975-1	Collected: 10-AUG-07 12:38 By: SLS		Received: 13-AUG-07 By: RT			
045162-16A1ST-1						
M66975-1	TO-15	15-AUG-07 13:30	DFT			VTO15STD
M66975-2	Collected: 10-AUG-07 12:40 By: SLS		Received: 13-AUG-07 By: RT			
045162-16A1ST-B						
M66975-2	TO-15	15-AUG-07 14:13	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: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ228-MB	Q4297.D	1	08/15/07	DFT	n/a	n/a	MSQ228

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

M66975-1, M66975-2

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	72%	57-139%

Method Blank Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ214-MB	Q3986.D	1	07/17/07	DFT	n/a	n/a	MSQ214

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

MSQ214-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	91%	57-139%

Blank Spike Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ228-BS	Q4295A.D	1	08/15/07	DFT	n/a	n/a	MSQ228

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

M66975-1, M66975-2

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	7.7	77	70-130
75-34-3	1,1-Dichloroethane	10	8.9	89	70-130
75-35-4	1,1-Dichloroethylene	10	9.3	93	70-130
107-06-2	1,2-Dichloroethane	10	8.4	84	70-130
156-60-5	trans-1,2-Dichloroethylene	10	9.7	97	70-130
156-59-2	cis-1,2-Dichloroethylene	10	10.4	104	70-130
71-55-6	1,1,1-Trichloroethane	10	7.8	78	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	8.6	86	70-130
79-00-5	1,1,2-Trichloroethane	10	8.9	89	70-130
127-18-4	Tetrachloroethylene	10	9.1	91	70-130
79-01-6	Trichloroethylene	10	9.0	90	70-130
75-01-4	Vinyl chloride	10	10.7	107	70-130

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

Blank Spike Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ214-BS	Q3984B.D	1	07/17/07	DFT	n/a	n/a	MSQ214

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

MSQ214-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	11.4	114	70-130
56-23-5	Carbon tetrachloride	10	11.2	112	70-130
75-34-3	1,1-Dichloroethane	10	10.7	107	70-130
75-35-4	1,1-Dichloroethylene	10	10.5	105	70-130
107-06-2	1,2-Dichloroethane	10	10.2	102	70-130
156-60-5	trans-1,2-Dichloroethylene	10	10.7	107	70-130
156-59-2	cis-1,2-Dichloroethylene	10	10.2	102	70-130
71-55-6	1,1,1-Trichloroethane	10	10.6	106	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	9.7	97	70-130
79-00-5	1,1,2-Trichloroethane	10	9.2	92	70-130
127-18-4	Tetrachloroethylene	10	9.9	99	70-130
79-01-6	Trichloroethylene	10	10.1	101	70-130
75-01-4	Vinyl chloride	10	10.6	106	70-130

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

Duplicate Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M66975-2DUP	Q4301.D	1	08/15/07	DFT	n/a	n/a	MSQ228
M66975-2	Q4300.D	1	08/15/07	DFT	n/a	n/a	MSQ228

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

M66975-1, M66975-2

CAS No.	Compound	M66975-2 ppbv	Q	DUP ppbv	Q	RPD	Limits
75-00-3	Chloroethane	ND		ND		nc	25
56-23-5	Carbon tetrachloride	0.13	J	0.10	J	26* [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	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	0.11	J	0.094	J	16	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	0.23		0.18	J	24	25
79-01-6	Trichloroethylene	ND		ND		nc	25
75-01-4	Vinyl chloride	ND		ND		nc	25

CAS No.	Surrogate Recoveries	DUP	M66975-2	Limits
460-00-4	4-Bromofluorobenzene	90%	79%	57-139%

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

Summa Cleaning Certification

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ214-SCC	Q3990.D	1	07/17/07	DFT	n/a	n/a	MSQ214

The QC reported here (Summa M076) applies to the following samples: **Method:** TO-15

Batch CP446 cleaned 07/10/07: M66975-2(M076)

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	99%	57-139%

Summa Cleaning Certification

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ214-SCC	Q3995.D	1	07/17/07	DFT	n/a	n/a	MSQ214

The QC reported here (Summa M053) applies to the following samples: **Method:** TO-15

Batch CP446 cleaned 07/10/07: M66975-1(M053)

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

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

Instrument Performance Check (BFB)

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ214-BFB
Lab File ID: Q3977.D
Instrument ID: GCMSQ
Injection Date: 07/16/07
Injection Time: 16:53

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	37567	20.4		Pass
75	30.0 - 66.0% of mass 95	91035	49.5		Pass
95	Base peak, 100% relative abundance	183833	100.0		Pass
96	5.0 - 9.0% of mass 95	11307	6.2		Pass
173	Less than 2.0% of mass 174	121	0.07	(0.07) [a]	Pass
174	50.0 - 120.0% of mass 95	182726	99.4		Pass
175	4.0 - 9.0% of mass 174	12997	7.1	(7.1) [a]	Pass
176	93.0 - 101.0% of mass 174	176070	95.8	(96.4) [a]	Pass
177	5.0 - 9.0% of mass 176	10865	5.9	(6.2) [b]	Pass

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSQ214-IC214	Q3977.D	07/16/07	16:53	00:00	Initial cal 40
MSQ214-IC214	Q3978.D	07/16/07	17:36	00:43	Initial cal 20
MSQ214-ICC214	Q3979.D	07/16/07	18:18	01:25	Initial cal 10
MSQ214-IC214	Q3980.D	07/16/07	19:01	02:08	Initial cal 5
MSQ214-IC214	Q3981.D	07/16/07	19:44	02:51	Initial cal 2
MSQ214-IC214	Q3982.D	07/16/07	20:26	03:33	Initial cal 0.5
MSQ214-IC214	Q3983.D	07/16/07	21:09	04:16	Initial cal 0.2

Instrument Performance Check (BFB)

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ214-BFB
Lab File ID: Q3984.D
Instrument ID: GCMSQ
Injection Date: 07/17/07
Injection Time: 08:45

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	40213	21.2		Pass
75	30.0 - 66.0% of mass 95	102322	54.0		Pass
95	Base peak, 100% relative abundance	189568	100.0		Pass
96	5.0 - 9.0% of mass 95	12344	6.5		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	184490	97.3		Pass
175	4.0 - 9.0% of mass 174	13823	7.3	(7.5) [a]	Pass
176	93.0 - 101.0% of mass 174	175296	92.5	(95.0) [a]	Pass
177	5.0 - 9.0% of mass 176	11417	6.0	(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
MSQ214-ICV214	Q3984.D	07/17/07	08:45	00:00	Initial cal verification 10
MSQ214-CC214	Q3984A.D	07/17/07	08:45	00:00	Continuing cal 10
MSQ214-BS	Q3984B.D	07/17/07	08:45	00:00	Blank Spike
MSQ214-MB	Q3986.D	07/17/07	10:09	01:24	Method Blank
MSQ214-SCC	Q3986A.D	07/17/07	10:09	01:24	Summa Cleaning Certification
MSQ214-SCC	Q3990.D	07/17/07	13:01	04:16	Summa Cleaning Certification
MSQ214-SCC	Q3991.D	07/17/07	13:44	04:59	Summa Cleaning Certification
MSQ214-SCC	Q3992.D	07/17/07	14:27	05:42	Summa Cleaning Certification
MSQ214-SCC	Q3993.D	07/17/07	15:11	06:26	Summa Cleaning Certification
MSQ214-SCC	Q3994.D	07/17/07	15:54	07:09	Summa Cleaning Certification
MSQ214-SCC	Q3995.D	07/17/07	16:39	07:54	Summa Cleaning Certification
MSQ214-SCC	Q3996.D	07/17/07	17:22	08:37	Summa Cleaning Certification
M66000-1R	Q3997.D	07/17/07	18:04	09:19	(used for QC only; not part of job M66975)
M66000-1RDUP	Q3998.D	07/17/07	18:48	10:03	Duplicate
ZZZZZZ	Q3999.D	07/17/07	19:31	10:46	(unrelated sample)
ZZZZZZ	Q4001.D	07/17/07	20:58	12:13	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ227-BFB
Lab File ID: Q4261.D
Instrument ID: GCMSQ
Injection Date: 08/13/07
Injection Time: 08:51

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	28613	28.0		Pass
75	30.0 - 66.0% of mass 95	62392	61.0		Pass
95	Base peak, 100% relative abundance	102344	100.0		Pass
96	5.0 - 9.0% of mass 95	7378	7.2		Pass
173	Less than 2.0% of mass 174	220	0.21	(0.29) [a]	Pass
174	50.0 - 120.0% of mass 95	76872	75.1		Pass
175	4.0 - 9.0% of mass 174	6020	5.9	(7.8) [a]	Pass
176	93.0 - 101.0% of mass 174	73232	71.6	(95.3) [a]	Pass
177	5.0 - 9.0% of mass 176	4865	4.8	(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
MSQ227-IC227	Q4261.D	08/13/07	08:51	00:00	Initial cal 0.5
MSQ227-IC227	Q4262.D	08/13/07	09:33	00:42	Initial cal 0.2
MSQ227-IC227	Q4264.D	08/13/07	10:59	02:08	Initial cal 20
MSQ227-ICC227	Q4265.D	08/13/07	11:41	02:50	Initial cal 10
MSQ227-IC227	Q4266.D	08/13/07	12:24	03:33	Initial cal 5
MSQ227-IC227	Q4267.D	08/13/07	13:07	04:16	Initial cal 2
MSQ227-IC227	Q4269.D	08/13/07	14:54	06:03	Initial cal 40

Instrument Performance Check (BFB)

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ228-BFB
Lab File ID: Q4295.D
Instrument ID: GCMSQ
Injection Date: 08/15/07
Injection Time: 09:51

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	18372	22.5		Pass
75	30.0 - 66.0% of mass 95	41361	50.7		Pass
95	Base peak, 100% relative abundance	81555	100.0		Pass
96	5.0 - 9.0% of mass 95	5337	6.5		Pass
173	Less than 2.0% of mass 174	56	0.07	(0.09) [a]	Pass
174	50.0 - 120.0% of mass 95	64552	79.2		Pass
175	4.0 - 9.0% of mass 174	3347	4.1	(5.2) [a]	Pass
176	93.0 - 101.0% of mass 174	62399	76.5	(96.7) [a]	Pass
177	5.0 - 9.0% of mass 176	4090	5.0	(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
MSQ228-CC227	Q4295.D	08/15/07	09:51	00:00	Continuing cal 10
MSQ228-BS	Q4295A.D	08/15/07	09:51	00:00	Blank Spike
MSQ228-MB	Q4297.D	08/15/07	12:04	02:13	Method Blank
ZZZZZZ	Q4298.D	08/15/07	12:47	02:56	(unrelated sample)
M66975-1	Q4299.D	08/15/07	13:30	03:39	045162-16A1ST-1
M66975-2	Q4300.D	08/15/07	14:13	04:22	045162-16A1ST-B
M66975-2DUP	Q4301.D	08/15/07	15:09	05:18	Duplicate
ZZZZZZ	Q4302.D	08/15/07	15:52	06:01	(unrelated sample)
ZZZZZZ	Q4303.D	08/15/07	16:35	06:44	(unrelated sample)
ZZZZZZ	Q4305.D	08/15/07	18:02	08:11	(unrelated sample)

Volatile Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Check Std:	MSQ214-CC214	**Injection Date:**	07/17/07
Lab File ID:	Q3984A.D	**Injection Time:**	08:45
Instrument ID:	GCMSQ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	198360	8.63	902151	10.46	781705	14.71
Upper Limit [a]	277704	8.96	1263011	10.79	1094387	15.04
Lower Limit [b]	119016	8.30	541291	10.13	469023	14.38

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSQ214-BS	198360	8.63	902151	10.46	781705	14.71
MSQ214-MB	220566	8.63	986337	10.46	863843	14.70
MSQ214-SCC	220566	8.63	986337	10.46	863843	14.70
MSQ214-SCC	236761	8.63	1093738	10.46	913225	14.71
MSQ214-SCC	230475	8.63	1086133	10.46	911320	14.71
MSQ214-SCC	226928	8.63	1028230	10.46	881765	14.70
MSQ214-SCC	215083	8.63	998215	10.46	842492	14.70
MSQ214-SCC	214066	8.63	1008316	10.46	850961	14.70
MSQ214-SCC	205762	8.69	989502	10.50	833718	14.72
MSQ214-SCC	208441	8.63	990841	10.46	837512	14.70
M66000-1R	210606	8.63	989081	10.46	866919	14.71
M66000-1RDUP	225936	8.63	1060985	10.46	899670	14.70
ZZZZZZ	215281	8.56	990346	10.44	816031	14.71
ZZZZZZ	182276	8.67	862965	10.48	730052	14.71

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

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

Volatile Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Check Std:	MSQ228-CC227	**Injection Date:**	08/15/07
Lab File ID:	Q4295.D	**Injection Time:**	09:51
Instrument ID:	GCMSQ	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	113532	8.63	600004	10.46	509656	14.70
Upper Limit [a]	158945	8.96	840006	10.79	713518	15.03
Lower Limit [b]	68119	8.30	360002	10.13	305794	14.37

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSQ228-BS	113532	8.63	600004	10.46	509656	14.70
MSQ228-MB	142267	8.63	590543	10.46	470543	14.70
ZZZZZZ	152388	8.63	716658	10.46	589517	14.70
M66975-1	149469	8.63	645875	10.46	533234	14.70
M66975-2	140416	8.63	619836	10.46	506211	14.70
M66975-2DUP	165192[c]	8.63	776718	10.46	672845	14.70
ZZZZZZ	145598	8.63	651976	10.46	511283	14.70
ZZZZZZ	146179	8.63	647556	10.46	525722	14.70
ZZZZZZ	137944	8.63	587521	10.46	476715	14.70

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

(a) Upper Limit = +40% of check standard area; Retention time +0.33 minutes.
(b) Lower Limit = -40% of check standard area; Retention time -0.33 minutes.
(c) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ214-IC214	Q3977.D	07/16/07 16:53	DFT	40	GCMSQ	TO-15	Reporting this level
MSQ214-IC214	Q3978.D	07/16/07 17:36	DFT	20	GCMSQ	TO-15	
MSQ214-ICC214	Q3979.D	07/16/07 18:18	DFT	10	GCMSQ	TO-15	
MSQ214-IC214	Q3980.D	07/16/07 19:01	DFT	5	GCMSQ	TO-15	
MSQ214-IC214	Q3981.D	07/16/07 19:44	DFT	2	GCMSQ	TO-15	
MSQ214-IC214	Q3982.D	07/16/07 20:26	DFT	0.5	GCMSQ	TO-15	
MSQ214-IC214	Q3983.D	07/16/07 21:09	DFT	0.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.59	8.63	0.648	ok	0.649	0.589-0.709
1,3-Butadiene	4.56	8.63	0.528	ok	0.528	0.468-0.588
Benzene	10.15	10.46	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.11	10.46	1.062	ok	1.062	1.002-1.122
Bromoform	15.43	14.71	1.049	ok	1.049	0.989-1.109
Bromomethane	4.84	8.63	0.561	ok	0.560	0.500-0.620
Bromoethene	5.37	8.63	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.92	14.71	1.218	ok	1.219	1.159-1.279
Carbon disulfide	6.86	8.63	0.795	ok	0.795	0.735-0.855
Chlorobenzene	14.75	14.71	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.63	0.581	ok	0.580	0.520-0.640
Chloroform	8.76	8.63	1.015	ok	1.014	0.954-1.074
Chloromethane	4.20	8.63	0.487	ok	0.486	0.426-0.546
3-Chloropropene	6.66	8.63	0.772	ok	0.772	0.712-0.832
2-Chlorotoluene	17.02	14.71	1.157	ok	1.158	1.098-1.218
Carbon tetrachloride	10.29	8.63	1.192	ok	1.192	1.132-1.252
Cyclohexane	10.41	10.46	0.995	ok	0.996	0.936-1.056
1,1-Dichloroethane	7.67	8.63	0.889	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.63	0.745	ok	0.744	0.684-0.804
1,2-Dibromoethane	13.60	14.71	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.63	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.93	10.46	1.045	ok	1.044	0.984-1.104
1,4-Dioxane	11.13	10.46	1.064	ok	1.065	1.005-1.125
Dichlorodifluoromethane	4.03	8.63	0.467	ok	0.468	0.408-0.528
Dibromochloromethane	13.35	14.71	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.47	8.63	0.866	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.47	8.63	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.96	10.46	1.143	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.94	14.71	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.40	14.71	1.251	ok	1.251	1.191-1.311
p-Dichlorobenzene	18.02	14.71	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.47	10.46	1.192	ok	1.192	1.132-1.252
Ethanol	5.10	8.63	0.591	ok	0.591	0.531-0.651
Ethylbenzene	15.13	14.71	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.66	8.63	1.003	ok	1.004	0.944-1.064
4-Ethyltoluene	17.21	14.71	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	4.30	8.63	0.498	ok	0.498	0.438-0.558
Heptane	11.41	10.46	1.091	ok	1.091	1.031-1.151
Hexachlorobutadiene	20.80	14.71	1.414	ok	1.415	1.355-1.475
Hexane	8.67	8.63	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ214-IC214	Q3977.D	07/16/07 16:53	DFT	40	GCMSQ	TO-15	Reporting this level
MSQ214-IC214	Q3978.D	07/16/07 17:36	DFT	20	GCMSQ	TO-15	
MSQ214-ICC214	Q3979.D	07/16/07 18:18	DFT	10	GCMSQ	TO-15	
MSQ214-IC214	Q3980.D	07/16/07 19:01	DFT	5	GCMSQ	TO-15	
MSQ214-IC214	Q3981.D	07/16/07 19:44	DFT	2	GCMSQ	TO-15	
MSQ214-IC214	Q3982.D	07/16/07 20:26	DFT	0.5	GCMSQ	TO-15	
MSQ214-IC214	Q3983.D	07/16/07 21:09	DFT	0.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.15	14.71	0.894	ok	0.894	0.834-0.954
Isopropylbenzene	16.47	14.71	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.83	8.63	0.676	ok	0.676	0.616-0.736
Methylene chloride	6.54	8.63	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.03	8.63	0.930	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.98	10.46	1.145	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.71	8.63	0.893	ok	0.894	0.834-0.954
Nonane	16.03	14.71	1.090	ok	1.090	1.030-1.150
Pentane	6.14	8.63	0.711	ok	0.712	0.652-0.772
Propylene	3.97	8.63	0.460	ok	0.460	0.400-0.520
Styrene	15.71	14.71	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.71	8.63	1.125	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.81	14.71	1.075	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.65	10.46	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.31	14.71	1.381	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.76	14.71	1.207	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.30	14.71	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.17	10.46	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.43	8.63	0.745	ok	0.746	0.686-0.806
Tetrachloroethylene	14.06	14.71	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.14	8.63	1.059	ok	1.060	1.000-1.120
Toluene	12.93	10.46	1.236	ok	1.235	1.175-1.295
Trichloroethylene	11.15	10.46	1.066	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.79	8.63	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.42	8.63	0.512	ok	0.512	0.452-0.572
Vinyl Acetate	7.79	8.63	0.903	ok	0.903	0.843-0.963
m,p-Xylene	15.33	14.71	1.042	ok	1.042	0.982-1.102
o-Xylene	15.83	14.71	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.63	8.30-8.96	209689	ok	206550	123930-289170
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	900241	ok	933706	560224-1307188
Chlorobenzene-D5	14.71	ok	14.70	14.37-15.03	823235	ok	816411	489847-1142975

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ214-IC214	Q3977.D	07/16/07 16:53	DFT	40	GCMSQ	TO-15	
MSQ214-IC214	Q3978.D	07/16/07 17:36	DFT	20	GCMSQ	TO-15	Reporting this level
MSQ214-ICC214	Q3979.D	07/16/07 18:18	DFT	10	GCMSQ	TO-15	
MSQ214-IC214	Q3980.D	07/16/07 19:01	DFT	5	GCMSQ	TO-15	
MSQ214-IC214	Q3981.D	07/16/07 19:44	DFT	2	GCMSQ	TO-15	
MSQ214-IC214	Q3982.D	07/16/07 20:26	DFT	0.5	GCMSQ	TO-15	
MSQ214-IC214	Q3983.D	07/16/07 21:09	DFT	0.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.59	8.63	0.648	ok	0.649	0.589-0.709
1,3-Butadiene	4.56	8.63	0.528	ok	0.528	0.468-0.588
Benzene	10.15	10.46	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.11	10.46	1.062	ok	1.062	1.002-1.122
Bromoform	15.43	14.70	1.050	ok	1.049	0.989-1.109
Bromomethane	4.83	8.63	0.560	ok	0.560	0.500-0.620
Bromoethene	5.37	8.63	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.92	14.70	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.86	8.63	0.795	ok	0.795	0.735-0.855
Chlorobenzene	14.75	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.63	0.581	ok	0.580	0.520-0.640
Chloroform	8.75	8.63	1.014	ok	1.014	0.954-1.074
Chloromethane	4.20	8.63	0.487	ok	0.486	0.426-0.546
3-Chloropropene	6.66	8.63	0.772	ok	0.772	0.712-0.832
2-Chlorotoluene	17.02	14.70	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.29	8.63	1.192	ok	1.192	1.132-1.252
Cyclohexane	10.41	10.46	0.995	ok	0.996	0.936-1.056
1,1-Dichloroethane	7.66	8.63	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	8.63	0.744	ok	0.744	0.684-0.804
1,2-Dibromoethane	13.60	14.70	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	10.92	10.46	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.13	10.46	1.064	ok	1.065	1.005-1.125
Dichlorodifluoromethane	4.03	8.63	0.467	ok	0.468	0.408-0.528
Dibromochloromethane	13.35	14.70	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.47	8.63	0.866	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.47	8.63	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.96	10.46	1.143	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.94	14.70	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.40	14.70	1.252	ok	1.251	1.191-1.311
p-Dichlorobenzene	18.01	14.70	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	5.10	8.63	0.591	ok	0.591	0.531-0.651
Ethylbenzene	15.13	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.67	8.63	1.005	ok	1.004	0.944-1.064
4-Ethyltoluene	17.21	14.70	1.171	ok	1.171	1.111-1.231
Freon 113	6.80	8.63	0.788	ok	0.788	0.728-0.848
Freon 114	4.30	8.63	0.498	ok	0.498	0.438-0.558
Heptane	11.41	10.46	1.091	ok	1.091	1.031-1.151
Hexachlorobutadiene	20.80	14.70	1.415	ok	1.415	1.355-1.475
Hexane	8.67	8.63	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ214-IC214	Q3977.D	07/16/07 16:53	DFT	40	GCMSQ	TO-15	
MSQ214-IC214	Q3978.D	07/16/07 17:36	DFT	20	GCMSQ	TO-15	Reporting this level
MSQ214-ICC214	Q3979.D	07/16/07 18:18	DFT	10	GCMSQ	TO-15	
MSQ214-IC214	Q3980.D	07/16/07 19:01	DFT	5	GCMSQ	TO-15	
MSQ214-IC214	Q3981.D	07/16/07 19:44	DFT	2	GCMSQ	TO-15	
MSQ214-IC214	Q3982.D	07/16/07 20:26	DFT	0.5	GCMSQ	TO-15	
MSQ214-IC214	Q3983.D	07/16/07 21:09	DFT	0.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.14	14.70	0.894	ok	0.894	0.834-0.954
Isopropylbenzene	16.47	14.70	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.82	8.63	0.674	ok	0.676	0.616-0.736
Methylene chloride	6.54	8.63	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.03	8.63	0.930	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.98	10.46	1.145	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.71	8.63	0.893	ok	0.894	0.834-0.954
Nonane	16.03	14.70	1.090	ok	1.090	1.030-1.150
Pentane	6.14	8.63	0.711	ok	0.712	0.652-0.772
Propylene	3.97	8.63	0.460	ok	0.460	0.400-0.520
Styrene	15.71	14.70	1.069	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.71	8.63	1.125	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.81	14.70	1.076	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.64	10.46	1.208	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.31	14.70	1.382	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.76	14.70	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.29	14.70	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.17	10.46	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.43	8.63	0.745	ok	0.746	0.686-0.806
Tetrachloroethylene	14.06	14.70	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.14	8.63	1.059	ok	1.060	1.000-1.120
Toluene	12.92	10.46	1.235	ok	1.235	1.175-1.295
Trichloroethylene	11.14	10.46	1.065	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.79	8.63	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.42	8.63	0.512	ok	0.512	0.452-0.572
Vinyl Acetate	7.79	8.63	0.903	ok	0.903	0.843-0.963
m,p-Xylene	15.32	14.70	1.042	ok	1.042	0.982-1.102
o-Xylene	15.82	14.70	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.63	8.30-8.96	221510	ok	206550	123930-289170
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	1017396	ok	933706	560224-1307188
Chlorobenzene-D5	14.70	ok	14.70	14.37-15.03	906135	ok	816411	489847-1142975

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ214-IC214	Q3977.D	07/16/07 16:53	DFT	40	GCMSQ	TO-15	
MSQ214-IC214	Q3978.D	07/16/07 17:36	DFT	20	GCMSQ	TO-15	
MSQ214-ICC214	Q3979.D	07/16/07 18:18	DFT	10	GCMSQ	TO-15	Reporting this level
MSQ214-IC214	Q3980.D	07/16/07 19:01	DFT	5	GCMSQ	TO-15	
MSQ214-IC214	Q3981.D	07/16/07 19:44	DFT	2	GCMSQ	TO-15	
MSQ214-IC214	Q3982.D	07/16/07 20:26	DFT	0.5	GCMSQ	TO-15	
MSQ214-IC214	Q3983.D	07/16/07 21:09	DFT	0.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.60	8.63	0.649	ok	0.649	0.589-0.709
1,3-Butadiene	4.56	8.63	0.528	ok	0.528	0.468-0.588
Benzene	10.15	10.46	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.11	10.46	1.062	ok	1.062	1.002-1.122
Bromoform	15.42	14.71	1.048	ok	1.049	0.989-1.109
Bromomethane	4.83	8.63	0.560	ok	0.560	0.500-0.620
Bromoethene	5.37	8.63	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.92	14.71	1.218	ok	1.219	1.159-1.279
Carbon disulfide	6.86	8.63	0.795	ok	0.795	0.735-0.855
Chlorobenzene	14.75	14.71	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.63	0.581	ok	0.580	0.520-0.640
Chloroform	8.75	8.63	1.014	ok	1.014	0.954-1.074
Chloromethane	4.20	8.63	0.487	ok	0.486	0.426-0.546
3-Chloropropene	6.66	8.63	0.772	ok	0.772	0.712-0.832
2-Chlorotoluene	17.02	14.71	1.157	ok	1.158	1.098-1.218
Carbon tetrachloride	10.29	8.63	1.192	ok	1.192	1.132-1.252
Cyclohexane	10.41	10.46	0.995	ok	0.996	0.936-1.056
1,1-Dichloroethane	7.66	8.63	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	8.63	0.744	ok	0.744	0.684-0.804
1,2-Dibromoethane	13.60	14.71	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.63	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	11.14	10.46	1.065	ok	1.065	1.005-1.125
Dichlorodifluoromethane	4.03	8.63	0.467	ok	0.468	0.408-0.528
Dibromochloromethane	13.35	14.71	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.47	8.63	0.866	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.47	8.63	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.96	10.46	1.143	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.94	14.71	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.40	14.71	1.251	ok	1.251	1.191-1.311
p-Dichlorobenzene	18.01	14.71	1.224	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	5.09	8.63	0.590	ok	0.591	0.531-0.651
Ethylbenzene	15.13	14.71	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.66	8.63	1.003	ok	1.004	0.944-1.064
4-Ethyltoluene	17.21	14.71	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	4.29	8.63	0.497	ok	0.498	0.438-0.558
Heptane	11.41	10.46	1.091	ok	1.091	1.031-1.151
Hexachlorobutadiene	20.80	14.71	1.414	ok	1.415	1.355-1.475
Hexane	8.67	8.63	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ214-IC214	Q3977.D	07/16/07 16:53	DFT	40	GCMSQ	TO-15	
MSQ214-IC214	Q3978.D	07/16/07 17:36	DFT	20	GCMSQ	TO-15	
MSQ214-ICC214	Q3979.D	07/16/07 18:18	DFT	10	GCMSQ	TO-15	Reporting this level
MSQ214-IC214	Q3980.D	07/16/07 19:01	DFT	5	GCMSQ	TO-15	
MSQ214-IC214	Q3981.D	07/16/07 19:44	DFT	2	GCMSQ	TO-15	
MSQ214-IC214	Q3982.D	07/16/07 20:26	DFT	0.5	GCMSQ	TO-15	
MSQ214-IC214	Q3983.D	07/16/07 21:09	DFT	0.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.15	14.71	0.894	ok	0.894	0.834-0.954
Isopropylbenzene	16.47	14.71	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.82	8.63	0.674	ok	0.676	0.616-0.736
Methylene chloride	6.54	8.63	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.03	8.63	0.930	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.98	10.46	1.145	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.71	8.63	0.893	ok	0.894	0.834-0.954
Nonane	16.03	14.71	1.090	ok	1.090	1.030-1.150
Pentane	6.14	8.63	0.711	ok	0.712	0.652-0.772
Propylene	3.97	8.63	0.460	ok	0.460	0.400-0.520
Styrene	15.70	14.71	1.067	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.71	8.63	1.125	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.81	14.71	1.075	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.64	10.46	1.208	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.31	14.71	1.381	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.76	14.71	1.207	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.29	14.71	1.175	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.17	10.46	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.43	8.63	0.745	ok	0.746	0.686-0.806
Tetrachloroethylene	14.06	14.71	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.14	8.63	1.059	ok	1.060	1.000-1.120
Toluene	12.92	10.46	1.235	ok	1.235	1.175-1.295
Trichloroethylene	11.15	10.46	1.066	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.79	8.63	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.42	8.63	0.512	ok	0.512	0.452-0.572
Vinyl Acetate	7.79	8.63	0.903	ok	0.903	0.843-0.963
m,p-Xylene	15.33	14.71	1.042	ok	1.042	0.982-1.102
o-Xylene	15.82	14.71	1.075	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.63	8.30-8.96	220494	ok	206550	123930-289170
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	1001449	ok	933706	560224-1307188
Chlorobenzene-D5	14.71	ok	14.70	14.37-15.03	880366	ok	816411	489847-1142975

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ214-IC214	Q3977.D	07/16/07 16:53	DFT	40	GCMSQ	TO-15	
MSQ214-IC214	Q3978.D	07/16/07 17:36	DFT	20	GCMSQ	TO-15	
MSQ214-ICC214	Q3979.D	07/16/07 18:18	DFT	10	GCMSQ	TO-15	
MSQ214-IC214	Q3980.D	07/16/07 19:01	DFT	5	GCMSQ	TO-15	Reporting this level
MSQ214-IC214	Q3981.D	07/16/07 19:44	DFT	2	GCMSQ	TO-15	
MSQ214-IC214	Q3982.D	07/16/07 20:26	DFT	0.5	GCMSQ	TO-15	
MSQ214-IC214	Q3983.D	07/16/07 21:09	DFT	0.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.60	8.63	0.649	ok	0.649	0.589-0.709
1,3-Butadiene	4.56	8.63	0.528	ok	0.528	0.468-0.588
Benzene	10.15	10.46	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.11	10.46	1.062	ok	1.062	1.002-1.122
Bromoform	15.43	14.70	1.050	ok	1.049	0.989-1.109
Bromomethane	4.84	8.63	0.561	ok	0.560	0.500-0.620
Bromoethene	5.37	8.63	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.92	14.70	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.86	8.63	0.795	ok	0.795	0.735-0.855
Chlorobenzene	14.75	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.63	0.581	ok	0.580	0.520-0.640
Chloroform	8.75	8.63	1.014	ok	1.014	0.954-1.074
Chloromethane	4.19	8.63	0.486	ok	0.486	0.426-0.546
3-Chloropropene	6.66	8.63	0.772	ok	0.772	0.712-0.832
2-Chlorotoluene	17.02	14.70	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.29	8.63	1.192	ok	1.192	1.132-1.252
Cyclohexane	10.41	10.46	0.995	ok	0.996	0.936-1.056
1,1-Dichloroethane	7.67	8.63	0.889	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.63	0.745	ok	0.744	0.684-0.804
1,2-Dibromoethane	13.60	14.70	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.63	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.92	10.46	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.14	10.46	1.065	ok	1.065	1.005-1.125
Dichlorodifluoromethane	4.04	8.63	0.468	ok	0.468	0.408-0.528
Dibromochloromethane	13.35	14.70	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.47	8.63	0.866	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.47	8.63	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.96	10.46	1.143	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.94	14.70	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.40	14.70	1.252	ok	1.251	1.191-1.311
p-Dichlorobenzene	18.01	14.70	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	5.10	8.63	0.591	ok	0.591	0.531-0.651
Ethylbenzene	15.13	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.66	8.63	1.003	ok	1.004	0.944-1.064
4-Ethyltoluene	17.21	14.70	1.171	ok	1.171	1.111-1.231
Freon 113	6.80	8.63	0.788	ok	0.788	0.728-0.848
Freon 114	4.30	8.63	0.498	ok	0.498	0.438-0.558
Heptane	11.41	10.46	1.091	ok	1.091	1.031-1.151
Hexachlorobutadiene	20.79	14.70	1.414	ok	1.415	1.355-1.475
Hexane	8.67	8.63	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ214-IC214	Q3977.D	07/16/07 16:53	DFT	40	GCMSQ	TO-15	
MSQ214-IC214	Q3978.D	07/16/07 17:36	DFT	20	GCMSQ	TO-15	
MSQ214-ICC214	Q3979.D	07/16/07 18:18	DFT	10	GCMSQ	TO-15	
MSQ214-IC214	Q3980.D	07/16/07 19:01	DFT	5	GCMSQ	TO-15	Reporting this level
MSQ214-IC214	Q3981.D	07/16/07 19:44	DFT	2	GCMSQ	TO-15	
MSQ214-IC214	Q3982.D	07/16/07 20:26	DFT	0.5	GCMSQ	TO-15	
MSQ214-IC214	Q3983.D	07/16/07 21:09	DFT	0.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.15	14.70	0.895	ok	0.894	0.834-0.954
Isopropylbenzene	16.47	14.70	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.83	8.63	0.676	ok	0.676	0.616-0.736
Methylene chloride	6.54	8.63	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.04	8.63	0.932	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.98	10.46	1.145	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.71	8.63	0.893	ok	0.894	0.834-0.954
Nonane	16.02	14.70	1.090	ok	1.090	1.030-1.150
Pentane	6.14	8.63	0.711	ok	0.712	0.652-0.772
Propylene	3.96	8.63	0.459	ok	0.460	0.400-0.520
Styrene	15.70	14.70	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.71	8.63	1.125	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.81	14.70	1.076	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.65	10.46	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.31	14.70	1.382	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.76	14.70	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.29	14.70	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.17	10.46	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.44	8.63	0.746	ok	0.746	0.686-0.806
Tetrachloroethylene	14.06	14.70	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.14	8.63	1.059	ok	1.060	1.000-1.120
Toluene	12.93	10.46	1.236	ok	1.235	1.175-1.295
Trichloroethylene	11.14	10.46	1.065	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.79	8.63	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.42	8.63	0.512	ok	0.512	0.452-0.572
Vinyl Acetate	7.79	8.63	0.903	ok	0.903	0.843-0.963
m,p-Xylene	15.32	14.70	1.042	ok	1.042	0.982-1.102
o-Xylene	15.82	14.70	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.63	8.30-8.96	205904	ok	206550	123930-289170
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	947064	ok	933706	560224-1307188
Chlorobenzene-D5	14.70	ok	14.70	14.37-15.03	825944	ok	816411	489847-1142975

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ214-IC214	Q3977.D	07/16/07 16:53	DFT	40	GCMSQ	TO-15	
MSQ214-IC214	Q3978.D	07/16/07 17:36	DFT	20	GCMSQ	TO-15	
MSQ214-ICC214	Q3979.D	07/16/07 18:18	DFT	10	GCMSQ	TO-15	
MSQ214-IC214	Q3980.D	07/16/07 19:01	DFT	5	GCMSQ	TO-15	
MSQ214-IC214	Q3981.D	07/16/07 19:44	DFT	2	GCMSQ	TO-15	Reporting this level
MSQ214-IC214	Q3982.D	07/16/07 20:26	DFT	0.5	GCMSQ	TO-15	
MSQ214-IC214	Q3983.D	07/16/07 21:09	DFT	0.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.61	8.63	0.650	ok	0.649	0.589-0.709
1,3-Butadiene	4.56	8.63	0.528	ok	0.528	0.468-0.588
Benzene	10.15	10.46	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.11	10.46	1.062	ok	1.062	1.002-1.122
Bromoform	15.42	14.70	1.049	ok	1.049	0.989-1.109
Bromomethane	4.84	8.63	0.561	ok	0.560	0.500-0.620
Bromoethene	5.37	8.63	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.92	14.70	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.86	8.63	0.795	ok	0.795	0.735-0.855
Chlorobenzene	14.75	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.63	0.581	ok	0.580	0.520-0.640
Chloroform	8.75	8.63	1.014	ok	1.014	0.954-1.074
Chloromethane	4.20	8.63	0.487	ok	0.486	0.426-0.546
3-Chloropropene	6.65	8.63	0.771	ok	0.772	0.712-0.832
2-Chlorotoluene	17.02	14.70	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.29	8.63	1.192	ok	1.192	1.132-1.252
Cyclohexane	10.42	10.46	0.996	ok	0.996	0.936-1.056
1,1-Dichloroethane	7.66	8.63	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	8.63	0.744	ok	0.744	0.684-0.804
1,2-Dibromoethane	13.60	14.70	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.47	8.63	1.097	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.93	10.46	1.045	ok	1.044	0.984-1.104
1,4-Dioxane	11.14	10.46	1.065	ok	1.065	1.005-1.125
Dichlorodifluoromethane	4.04	8.63	0.468	ok	0.468	0.408-0.528
Dibromochloromethane	13.35	14.70	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.47	8.63	0.866	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.47	8.63	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.96	10.46	1.143	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.94	14.70	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.40	14.70	1.252	ok	1.251	1.191-1.311
p-Dichlorobenzene	18.01	14.70	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.47	10.46	1.192	ok	1.192	1.132-1.252
Ethanol	5.10	8.63	0.591	ok	0.591	0.531-0.651
Ethylbenzene	15.13	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.67	8.63	1.005	ok	1.004	0.944-1.064
4-Ethyltoluene	17.21	14.70	1.171	ok	1.171	1.111-1.231
Freon 113	6.80	8.63	0.788	ok	0.788	0.728-0.848
Freon 114	4.30	8.63	0.498	ok	0.498	0.438-0.558
Heptane	11.41	10.46	1.091	ok	1.091	1.031-1.151
Hexachlorobutadiene	20.80	14.70	1.415	ok	1.415	1.355-1.475
Hexane	8.67	8.63	1.005	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ214-IC214	Q3977.D	07/16/07 16:53	DFT	40	GCMSQ	TO-15	
MSQ214-IC214	Q3978.D	07/16/07 17:36	DFT	20	GCMSQ	TO-15	
MSQ214-ICC214	Q3979.D	07/16/07 18:18	DFT	10	GCMSQ	TO-15	
MSQ214-IC214	Q3980.D	07/16/07 19:01	DFT	5	GCMSQ	TO-15	
MSQ214-IC214	Q3981.D	07/16/07 19:44	DFT	2	GCMSQ	TO-15	Reporting this level
MSQ214-IC214	Q3982.D	07/16/07 20:26	DFT	0.5	GCMSQ	TO-15	
MSQ214-IC214	Q3983.D	07/16/07 21:09	DFT	0.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.15	14.70	0.895	ok	0.894	0.834-0.954
Isopropylbenzene	16.47	14.70	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.83	8.63	0.676	ok	0.676	0.616-0.736
Methylene chloride	6.54	8.63	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.04	8.63	0.932	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.99	10.46	1.146	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.72	8.63	0.895	ok	0.894	0.834-0.954
Nonane	16.02	14.70	1.090	ok	1.090	1.030-1.150
Pentane	6.14	8.63	0.711	ok	0.712	0.652-0.772
Propylene	3.97	8.63	0.460	ok	0.460	0.400-0.520
Styrene	15.70	14.70	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.71	8.63	1.125	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.81	14.70	1.076	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.65	10.46	1.209	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.31	14.70	1.382	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.76	14.70	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.29	14.70	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.17	10.46	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.45	8.63	0.747	ok	0.746	0.686-0.806
Tetrachloroethylene	14.06	14.70	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.15	8.63	1.060	ok	1.060	1.000-1.120
Toluene	12.92	10.46	1.235	ok	1.235	1.175-1.295
Trichloroethylene	11.15	10.46	1.066	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.79	8.63	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.42	8.63	0.512	ok	0.512	0.452-0.572
Vinyl Acetate	7.79	8.63	0.903	ok	0.903	0.843-0.963
m,p-Xylene	15.30	14.70	1.041	ok	1.042	0.982-1.102
o-Xylene	15.83	14.70	1.077	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.63	8.30-8.96	202445	ok	206550	123930-289170
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	918040	ok	933706	560224-1307188
Chlorobenzene-D5	14.70	ok	14.70	14.37-15.03	788203	ok	816411	489847-1142975

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ214-IC214	Q3977.D	07/16/07 16:53	DFT	40	GCMSQ	TO-15	
MSQ214-IC214	Q3978.D	07/16/07 17:36	DFT	20	GCMSQ	TO-15	
MSQ214-ICC214	Q3979.D	07/16/07 18:18	DFT	10	GCMSQ	TO-15	
MSQ214-IC214	Q3980.D	07/16/07 19:01	DFT	5	GCMSQ	TO-15	
MSQ214-IC214	Q3981.D	07/16/07 19:44	DFT	2	GCMSQ	TO-15	
MSQ214-IC214	Q3982.D	07/16/07 20:26	DFT	0.5	GCMSQ	TO-15	Reporting this level
MSQ214-IC214	Q3983.D	07/16/07 21:09	DFT	0.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.61	8.64	0.649	ok	0.649	0.589-0.709
1,3-Butadiene	4.55	8.64	0.527	ok	0.528	0.468-0.588
Benzene	10.15	10.46	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.10	10.46	1.061	ok	1.062	1.002-1.122
Bromoform	15.42	14.70	1.049	ok	1.049	0.989-1.109
Bromomethane	4.83	8.64	0.559	ok	0.560	0.500-0.620
Bromoethene	5.37	8.64	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.92	14.70	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	14.75	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.64	0.580	ok	0.580	0.520-0.640
Chloroform	8.75	8.64	1.013	ok	1.014	0.954-1.074
Chloromethane	4.19	8.64	0.485	ok	0.486	0.426-0.546
3-Chloropropene	6.66	8.64	0.771	ok	0.772	0.712-0.832
2-Chlorotoluene	17.02	14.70	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.29	8.64	1.191	ok	1.192	1.132-1.252
Cyclohexane	10.42	10.46	0.996	ok	0.996	0.936-1.056
1,1-Dichloroethane	7.67	8.64	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.64	0.744	ok	0.744	0.684-0.804
1,2-Dibromoethane	13.60	14.70	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.64	1.095	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	11.16	10.46	1.067	ok	1.065	1.005-1.125
Dichlorodifluoromethane	4.04	8.64	0.468	ok	0.468	0.408-0.528
Dibromochloromethane	13.35	14.70	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.47	8.64	0.865	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.47	8.64	0.980	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.97	10.46	1.144	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.94	14.70	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.40	14.70	1.252	ok	1.251	1.191-1.311
p-Dichlorobenzene	18.01	14.70	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	5.12	8.64	0.593	ok	0.591	0.531-0.651
Ethylbenzene	15.13	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.68	8.64	1.005	ok	1.004	0.944-1.064
4-Ethyltoluene	17.21	14.70	1.171	ok	1.171	1.111-1.231
Freon 113	6.80	8.64	0.787	ok	0.788	0.728-0.848
Freon 114	4.30	8.64	0.498	ok	0.498	0.438-0.558
Heptane	11.40	10.46	1.090	ok	1.091	1.031-1.151
Hexachlorobutadiene	20.80	14.70	1.415	ok	1.415	1.355-1.475
Hexane	8.67	8.64	1.003	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ214-IC214	Q3977.D	07/16/07 16:53	DFT	40	GCMSQ	TO-15	
MSQ214-IC214	Q3978.D	07/16/07 17:36	DFT	20	GCMSQ	TO-15	
MSQ214-ICC214	Q3979.D	07/16/07 18:18	DFT	10	GCMSQ	TO-15	
MSQ214-IC214	Q3980.D	07/16/07 19:01	DFT	5	GCMSQ	TO-15	
MSQ214-IC214	Q3981.D	07/16/07 19:44	DFT	2	GCMSQ	TO-15	
MSQ214-IC214	Q3982.D	07/16/07 20:26	DFT	0.5	GCMSQ	TO-15	Reporting this level
MSQ214-IC214	Q3983.D	07/16/07 21:09	DFT	0.2	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.16	14.70	0.895	ok	0.894	0.834-0.954
Isopropylbenzene	16.47	14.70	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.85	8.64	0.677	ok	0.676	0.616-0.736
Methylene chloride	6.53	8.64	0.756	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.05	8.64	0.932	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.99	10.46	1.146	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.73	8.64	0.895	ok	0.894	0.834-0.954
Nonane	16.02	14.70	1.090	ok	1.090	1.030-1.150
Pentane	6.14	8.64	0.711	ok	0.712	0.652-0.772
Propylene	3.97	8.64	0.459	ok	0.460	0.400-0.520
Styrene	15.70	14.70	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.71	8.64	1.124	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.81	14.70	1.076	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.64	10.46	1.208	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.31	14.70	1.382	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.76	14.70	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.30	14.70	1.177	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.17	10.46	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.46	8.64	0.748	ok	0.746	0.686-0.806
Tetrachloroethylene	14.06	14.70	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.17	8.64	1.061	ok	1.060	1.000-1.120
Toluene	12.92	10.46	1.235	ok	1.235	1.175-1.295
Trichloroethylene	11.15	10.46	1.066	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.79	8.64	0.670	ok	0.671	0.611-0.731
Vinyl chloride	4.42	8.64	0.512	ok	0.512	0.452-0.572
Vinyl Acetate	7.80	8.64	0.903	ok	0.903	0.843-0.963
m,p-Xylene	15.32	14.70	1.042	ok	1.042	0.982-1.102
o-Xylene	15.82	14.70	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.64	ok	8.63	8.30-8.96	196436	ok	206550	123930-289170
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	898497	ok	933706	560224-1307188
Chlorobenzene-D5	14.70	ok	14.70	14.37-15.03	762074	ok	816411	489847-1142975

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ214-IC214	Q3977.D	07/16/07 16:53	DFT	40	GCMSQ	TO-15	
MSQ214-IC214	Q3978.D	07/16/07 17:36	DFT	20	GCMSQ	TO-15	
MSQ214-ICC214	Q3979.D	07/16/07 18:18	DFT	10	GCMSQ	TO-15	
MSQ214-IC214	Q3980.D	07/16/07 19:01	DFT	5	GCMSQ	TO-15	
MSQ214-IC214	Q3981.D	07/16/07 19:44	DFT	2	GCMSQ	TO-15	
MSQ214-IC214	Q3982.D	07/16/07 20:26	DFT	0.5	GCMSQ	TO-15	
MSQ214-IC214	Q3983.D	07/16/07 21:09	DFT	0.2	GCMSQ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.62	8.63	0.651	ok	0.649	0.589-0.709
1,3-Butadiene	4.56	8.63	0.528	ok	0.528	0.468-0.588
Benzene	10.15	10.46	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.11	10.46	1.062	ok	1.062	1.002-1.122
Bromoform	15.43	14.70	1.050	ok	1.049	0.989-1.109
Bromomethane	4.83	8.63	0.560	ok	0.560	0.500-0.620
Bromoethene	5.37	8.63	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.91	14.70	1.218	ok	1.219	1.159-1.279
Carbon disulfide	6.86	8.63	0.795	ok	0.795	0.735-0.855
Chlorobenzene	14.75	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.63	0.581	ok	0.580	0.520-0.640
Chloroform	8.75	8.63	1.014	ok	1.014	0.954-1.074
Chloromethane	4.20	8.63	0.487	ok	0.486	0.426-0.546
3-Chloropropene	6.67	8.63	0.773	ok	0.772	0.712-0.832
2-Chlorotoluene	17.02	14.70	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.29	8.63	1.192	ok	1.192	1.132-1.252
Cyclohexane	10.42	10.46	0.996	ok	0.996	0.936-1.056
1,1-Dichloroethane	7.66	8.63	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	8.63	0.744	ok	0.744	0.684-0.804
1,2-Dibromoethane	13.60	14.70	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.63	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.92	10.46	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.17	10.46	1.068	ok	1.065	1.005-1.125
Dichlorodifluoromethane	4.04	8.63	0.468	ok	0.468	0.408-0.528
Dibromochloromethane	13.35	14.70	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.47	8.63	0.866	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.48	8.63	0.983	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.97	10.46	1.144	ok	1.144	1.084-1.204
m-Dichlorobenzene	17.94	14.70	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.40	14.70	1.252	ok	1.251	1.191-1.311
p-Dichlorobenzene	18.02	14.70	1.226	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.47	10.46	1.192	ok	1.192	1.132-1.252
Ethanol	5.12	8.63	0.593	ok	0.591	0.531-0.651
Ethylbenzene	15.13	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.67	8.63	1.005	ok	1.004	0.944-1.064
4-Ethyltoluene	17.21	14.70	1.171	ok	1.171	1.111-1.231
Freon 113	6.80	8.63	0.788	ok	0.788	0.728-0.848
Freon 114	4.29	8.63	0.497	ok	0.498	0.438-0.558
Heptane	11.41	10.46	1.091	ok	1.091	1.031-1.151
Hexachlorobutadiene	20.80	14.70	1.415	ok	1.415	1.355-1.475
Hexane	8.66	8.63	1.003	ok	1.004	0.944-1.064

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ214-IC214	Q3977.D	07/16/07 16:53	DFT	40	GCMSQ	TO-15	
MSQ214-IC214	Q3978.D	07/16/07 17:36	DFT	20	GCMSQ	TO-15	
MSQ214-ICC214	Q3979.D	07/16/07 18:18	DFT	10	GCMSQ	TO-15	
MSQ214-IC214	Q3980.D	07/16/07 19:01	DFT	5	GCMSQ	TO-15	
MSQ214-IC214	Q3981.D	07/16/07 19:44	DFT	2	GCMSQ	TO-15	
MSQ214-IC214	Q3982.D	07/16/07 20:26	DFT	0.5	GCMSQ	TO-15	
MSQ214-IC214	Q3983.D	07/16/07 21:09	DFT	0.2	GCMSQ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.16	14.70	0.895	ok	0.894	0.834-0.954
Isopropylbenzene	16.46	14.70	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.84	8.63	0.677	ok	0.676	0.616-0.736
Methylene chloride	6.54	8.63	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.04	8.63	0.932	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.99	10.46	1.146	ok	1.146	1.086-1.206
Methyl Tert Butyl Ether	7.72	8.63	0.895	ok	0.894	0.834-0.954
Nonane	16.02	14.70	1.090	ok	1.090	1.030-1.150
Pentane	6.15	8.63	0.713	ok	0.712	0.652-0.772
Propylene	3.96	8.63	0.459	ok	0.460	0.400-0.520
Styrene	15.71	14.70	1.069	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.72	8.63	1.126	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.81	14.70	1.076	ok	1.075	1.015-1.135
1,1,2-Trichloroethane	12.64	10.46	1.208	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.31	14.70	1.382	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.76	14.70	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.29	14.70	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.17	10.46	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.46	8.63	0.749	ok	0.746	0.686-0.806
Tetrachloroethylene	14.06	14.70	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.17	8.63	1.063	ok	1.060	1.000-1.120
Toluene	12.92	10.46	1.235	ok	1.235	1.175-1.295
Trichloroethylene	11.14	10.46	1.065	ok	1.066	1.006-1.126
Trichlorofluoromethane	5.79	8.63	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.43	8.63	0.513	ok	0.512	0.452-0.572
Vinyl Acetate	7.79	8.63	0.903	ok	0.903	0.843-0.963
m,p-Xylene	15.32	14.70	1.042	ok	1.042	0.982-1.102
o-Xylene	15.82	14.70	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.63	8.30-8.96	189375	ok	206550	123930-289170
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	853254	ok	933706	560224-1307188
Chlorobenzene-D5	14.70	ok	14.70	14.37-15.03	728923	ok	816411	489847-1142975

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ227-IC227	Q4261.D	08/13/07 08:51	DFT	0.5	GCMSQ	TO-15	Reporting this level
MSQ227-IC227	Q4262.D	08/13/07 09:33	DFT	0.2	GCMSQ	TO-15	
MSQ227-IC227	Q4264.D	08/13/07 10:59	DFT	20	GCMSQ	TO-15	
MSQ227-ICC227	Q4265.D	08/13/07 11:41	DFT	10	GCMSQ	TO-15	
MSQ227-IC227	Q4266.D	08/13/07 12:24	DFT	5	GCMSQ	TO-15	
MSQ227-IC227	Q4267.D	08/13/07 13:07	DFT	2	GCMSQ	TO-15	
MSQ227-IC227	Q4269.D	08/13/07 14:54	DFT	40	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.61	8.63	0.650	ok	0.649	0.589-0.709
1,3-Butadiene	4.55	8.63	0.527	ok	0.528	0.468-0.588
Benzene	10.14	10.46	0.969	ok	0.970	0.910-1.030
Bromodichloromethane	11.10	10.46	1.061	ok	1.061	1.001-1.121
Bromoform	15.42	14.70	1.049	ok	1.049	0.989-1.109
Bromomethane	4.83	8.63	0.560	ok	0.560	0.500-0.620
Bromoethene	5.37	8.63	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.91	14.70	1.218	ok	1.219	1.159-1.279
Carbon disulfide	6.86	8.63	0.795	ok	0.795	0.735-0.855
Chlorobenzene	14.75	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	5.00	8.63	0.579	ok	0.580	0.520-0.640
Chloroform	8.75	8.63	1.014	ok	1.014	0.954-1.074
Chloromethane	4.20	8.63	0.487	ok	0.487	0.427-0.547
3-Chloropropene	6.65	8.63	0.771	ok	0.771	0.711-0.831
2-Chlorotoluene	17.02	14.70	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.29	8.63	1.192	ok	1.192	1.132-1.252
Cyclohexane	10.41	10.46	0.995	ok	0.995	0.935-1.055
1,1-Dichloroethane	7.67	8.63	0.889	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.63	0.745	ok	0.744	0.684-0.804
1,2-Dibromoethane	13.60	14.70	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.63	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.92	10.46	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.15	10.46	1.066	ok	1.065	1.005-1.125
Dichlorodifluoromethane	4.04	8.63	0.468	ok	0.468	0.408-0.528
Dibromochloromethane	13.35	14.70	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.46	8.63	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	11.96	10.46	1.143	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.94	14.70	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.40	14.70	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.01	14.70	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.46	10.46	1.191	ok	1.191	1.131-1.251
Ethanol	5.10	8.63	0.591	ok	0.591	0.531-0.651
Ethylbenzene	15.13	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.67	8.63	1.005	ok	1.004	0.944-1.064
4-Ethyltoluene	17.21	14.70	1.171	ok	1.171	1.111-1.231
Freon 113	6.80	8.63	0.788	ok	0.788	0.728-0.848
Freon 114	4.30	8.63	0.498	ok	0.498	0.438-0.558
Heptane	11.40	10.46	1.090	ok	1.090	1.030-1.150
Hexachlorobutadiene	20.79	14.70	1.414	ok	1.414	1.354-1.474
Hexane	8.67	8.63	1.005	ok	1.005	0.945-1.065

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ227-IC227	Q4261.D	08/13/07 08:51	DFT	0.5	GCMSQ	TO-15	Reporting this level
MSQ227-IC227	Q4262.D	08/13/07 09:33	DFT	0.2	GCMSQ	TO-15	
MSQ227-IC227	Q4264.D	08/13/07 10:59	DFT	20	GCMSQ	TO-15	
MSQ227-ICC227	Q4265.D	08/13/07 11:41	DFT	10	GCMSQ	TO-15	
MSQ227-IC227	Q4266.D	08/13/07 12:24	DFT	5	GCMSQ	TO-15	
MSQ227-IC227	Q4267.D	08/13/07 13:07	DFT	2	GCMSQ	TO-15	
MSQ227-IC227	Q4269.D	08/13/07 14:54	DFT	40	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.15	14.70	0.895	ok	0.894	0.834-0.954
Isopropylbenzene	16.47	14.70	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.84	8.63	0.677	ok	0.676	0.616-0.736
Methylene chloride	6.54	8.63	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.05	8.63	0.933	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.98	10.46	1.145	ok	1.145	1.085-1.205
Methyl Tert Butyl Ether	7.72	8.63	0.895	ok	0.894	0.834-0.954
Nonane	16.02	14.70	1.090	ok	1.090	1.030-1.150
Pentane	6.14	8.63	0.711	ok	0.712	0.652-0.772
Propylene	3.97	8.63	0.460	ok	0.460	0.400-0.520
Styrene	15.70	14.70	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.71	8.63	1.125	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.81	14.70	1.076	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.64	10.46	1.208	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.31	14.70	1.382	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.76	14.70	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.29	14.70	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.17	10.46	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.46	8.63	0.749	ok	0.746	0.686-0.806
Tetrachloroethylene	14.05	14.70	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.16	8.63	1.061	ok	1.060	1.000-1.120
Toluene	12.92	10.46	1.235	ok	1.235	1.175-1.295
Trichloroethylene	11.14	10.46	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.79	8.63	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.42	8.63	0.512	ok	0.512	0.452-0.572
Vinyl Acetate	7.79	8.63	0.903	ok	0.903	0.843-0.963
m,p-Xylene	15.32	14.70	1.042	ok	1.042	0.982-1.102
o-Xylene	15.82	14.70	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.63	8.30-8.96	138763	ok	136973	82184-191762
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	606283	ok	640847	384508-897186
Chlorobenzene-D5	14.70	ok	14.70	14.37-15.03	502127	ok	537321	322393-752249

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ227-IC227	Q4261.D	08/13/07 08:51	DFT	0.5	GCMSQ	TO-15	
MSQ227-IC227	Q4262.D	08/13/07 09:33	DFT	0.2	GCMSQ	TO-15	Reporting this level
MSQ227-IC227	Q4264.D	08/13/07 10:59	DFT	20	GCMSQ	TO-15	
MSQ227-ICC227	Q4265.D	08/13/07 11:41	DFT	10	GCMSQ	TO-15	
MSQ227-IC227	Q4266.D	08/13/07 12:24	DFT	5	GCMSQ	TO-15	
MSQ227-IC227	Q4267.D	08/13/07 13:07	DFT	2	GCMSQ	TO-15	
MSQ227-IC227	Q4269.D	08/13/07 14:54	DFT	40	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.62	8.63	0.651	ok	0.649	0.589-0.709
1,3-Butadiene	4.56	8.63	0.528	ok	0.528	0.468-0.588
Benzene	10.15	10.46	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.10	10.46	1.061	ok	1.061	1.001-1.121
Bromoform	15.42	14.70	1.049	ok	1.049	0.989-1.109
Bromomethane	4.83	8.63	0.560	ok	0.560	0.500-0.620
Bromoethene	5.37	8.63	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.92	14.70	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.85	8.63	0.794	ok	0.795	0.735-0.855
Chlorobenzene	14.75	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.63	0.581	ok	0.580	0.520-0.640
Chloroform	8.76	8.63	1.015	ok	1.014	0.954-1.074
Chloromethane	4.21	8.63	0.488	ok	0.487	0.427-0.547
3-Chloropropene	6.66	8.63	0.772	ok	0.771	0.711-0.831
2-Chlorotoluene	17.02	14.70	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.29	8.63	1.192	ok	1.192	1.132-1.252
Cyclohexane	10.41	10.46	0.995	ok	0.995	0.935-1.055
1,1-Dichloroethane	7.66	8.63	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	8.63	0.744	ok	0.744	0.684-0.804
1,2-Dibromoethane	13.60	14.70	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.47	8.63	1.097	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	11.16	10.46	1.067	ok	1.065	1.005-1.125
Dichlorodifluoromethane	4.04	8.63	0.468	ok	0.468	0.408-0.528
Dibromochloromethane	13.35	14.70	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.47	8.63	0.866	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.47	8.63	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.96	10.46	1.143	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.94	14.70	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.41	14.70	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.01	14.70	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.46	10.46	1.191	ok	1.191	1.131-1.251
Ethanol	5.11	8.63	0.592	ok	0.591	0.531-0.651
Ethylbenzene	15.13	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.68	8.63	1.006	ok	1.004	0.944-1.064
4-Ethyltoluene	17.21	14.70	1.171	ok	1.171	1.111-1.231
Freon 113	6.79	8.63	0.787	ok	0.788	0.728-0.848
Freon 114	4.30	8.63	0.498	ok	0.498	0.438-0.558
Heptane	11.40	10.46	1.090	ok	1.090	1.030-1.150
Hexachlorobutadiene	20.79	14.70	1.414	ok	1.414	1.354-1.474
Hexane	8.68	8.63	1.006	ok	1.005	0.945-1.065

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ227-IC227	Q4261.D	08/13/07 08:51	DFT	0.5	GCMSQ	TO-15	
MSQ227-IC227	Q4262.D	08/13/07 09:33	DFT	0.2	GCMSQ	TO-15	Reporting this level
MSQ227-IC227	Q4264.D	08/13/07 10:59	DFT	20	GCMSQ	TO-15	
MSQ227-ICC227	Q4265.D	08/13/07 11:41	DFT	10	GCMSQ	TO-15	
MSQ227-IC227	Q4266.D	08/13/07 12:24	DFT	5	GCMSQ	TO-15	
MSQ227-IC227	Q4267.D	08/13/07 13:07	DFT	2	GCMSQ	TO-15	
MSQ227-IC227	Q4269.D	08/13/07 14:54	DFT	40	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.16	14.70	0.895	ok	0.894	0.834-0.954
Isopropylbenzene	16.47	14.70	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.86	8.63	0.679	ok	0.676	0.616-0.736
Methylene chloride	6.55	8.63	0.759	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.05	8.63	0.933	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.99	10.46	1.146	ok	1.145	1.085-1.205
Methyl Tert Butyl Ether	7.73	8.63	0.896	ok	0.894	0.834-0.954
Nonane	16.02	14.70	1.090	ok	1.090	1.030-1.150
Pentane	6.16	8.63	0.714	ok	0.712	0.652-0.772
Propylene	3.98	8.63	0.461	ok	0.460	0.400-0.520
Styrene	15.71	14.70	1.069	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.71	8.63	1.125	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.81	14.70	1.076	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.65	10.46	1.209	ok	1.209	1.149-1.269
1,2,4-Trimethylbenzene	17.75	14.70	1.207	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.29	14.70	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.17	10.46	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.46	8.63	0.749	ok	0.746	0.686-0.806
Tetrachloroethylene	14.06	14.70	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.17	8.63	1.063	ok	1.060	1.000-1.120
Toluene	12.92	10.46	1.235	ok	1.235	1.175-1.295
Trichloroethylene	11.15	10.46	1.066	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.79	8.63	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.42	8.63	0.512	ok	0.512	0.452-0.572
Vinyl Acetate	7.80	8.63	0.904	ok	0.903	0.843-0.963
m,p-Xylene	15.32	14.70	1.042	ok	1.042	0.982-1.102
o-Xylene	15.82	14.70	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.63	8.30-8.96	156975	ok	136973	82184-191762
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	687838	ok	640847	384508-897186
Chlorobenzene-D5	14.70	ok	14.70	14.37-15.03	571763	ok	537321	322393-752249

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ227-IC227	Q4261.D	08/13/07 08:51	DFT	0.5	GCMSQ	TO-15	
MSQ227-IC227	Q4262.D	08/13/07 09:33	DFT	0.2	GCMSQ	TO-15	
MSQ227-IC227	Q4264.D	08/13/07 10:59	DFT	20	GCMSQ	TO-15	Reporting this level
MSQ227-ICC227	Q4265.D	08/13/07 11:41	DFT	10	GCMSQ	TO-15	
MSQ227-IC227	Q4266.D	08/13/07 12:24	DFT	5	GCMSQ	TO-15	
MSQ227-IC227	Q4267.D	08/13/07 13:07	DFT	2	GCMSQ	TO-15	
MSQ227-IC227	Q4269.D	08/13/07 14:54	DFT	40	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.59	8.63	0.648	ok	0.649	0.589-0.709
1,3-Butadiene	4.56	8.63	0.528	ok	0.528	0.468-0.588
Benzene	10.15	10.46	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.11	10.46	1.062	ok	1.061	1.001-1.121
Bromoform	15.42	14.70	1.049	ok	1.049	0.989-1.109
Bromomethane	4.84	8.63	0.561	ok	0.560	0.500-0.620
Bromoethene	5.37	8.63	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.91	14.70	1.218	ok	1.219	1.159-1.279
Carbon disulfide	6.86	8.63	0.795	ok	0.795	0.735-0.855
Chlorobenzene	14.75	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.63	0.581	ok	0.580	0.520-0.640
Chloroform	8.75	8.63	1.014	ok	1.014	0.954-1.074
Chloromethane	4.20	8.63	0.487	ok	0.487	0.427-0.547
3-Chloropropene	6.66	8.63	0.772	ok	0.771	0.711-0.831
2-Chlorotoluene	17.02	14.70	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.29	8.63	1.192	ok	1.192	1.132-1.252
Cyclohexane	10.41	10.46	0.995	ok	0.995	0.935-1.055
1,1-Dichloroethane	7.66	8.63	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	8.63	0.744	ok	0.744	0.684-0.804
1,2-Dibromoethane	13.60	14.70	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.63	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.92	10.46	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.13	10.46	1.064	ok	1.065	1.005-1.125
Dichlorodifluoromethane	4.04	8.63	0.468	ok	0.468	0.408-0.528
Dibromochloromethane	13.35	14.70	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.47	8.63	0.866	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.47	8.63	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.96	10.46	1.143	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.94	14.70	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.40	14.70	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.01	14.70	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.46	10.46	1.191	ok	1.191	1.131-1.251
Ethanol	5.10	8.63	0.591	ok	0.591	0.531-0.651
Ethylbenzene	15.13	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.66	8.63	1.003	ok	1.004	0.944-1.064
4-Ethyltoluene	17.20	14.70	1.170	ok	1.171	1.111-1.231
Freon 113	6.80	8.63	0.788	ok	0.788	0.728-0.848
Freon 114	4.30	8.63	0.498	ok	0.498	0.438-0.558
Heptane	11.41	10.46	1.091	ok	1.090	1.030-1.150
Hexachlorobutadiene	20.80	14.70	1.415	ok	1.414	1.354-1.474
Hexane	8.67	8.63	1.005	ok	1.005	0.945-1.065

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ227-IC227	Q4261.D	08/13/07 08:51	DFT	0.5	GCMSQ	TO-15	
MSQ227-IC227	Q4262.D	08/13/07 09:33	DFT	0.2	GCMSQ	TO-15	
MSQ227-IC227	Q4264.D	08/13/07 10:59	DFT	20	GCMSQ	TO-15	Reporting this level
MSQ227-ICC227	Q4265.D	08/13/07 11:41	DFT	10	GCMSQ	TO-15	
MSQ227-IC227	Q4266.D	08/13/07 12:24	DFT	5	GCMSQ	TO-15	
MSQ227-IC227	Q4267.D	08/13/07 13:07	DFT	2	GCMSQ	TO-15	
MSQ227-IC227	Q4269.D	08/13/07 14:54	DFT	40	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.14	14.70	0.894	ok	0.894	0.834-0.954
Isopropylbenzene	16.47	14.70	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.82	8.63	0.674	ok	0.676	0.616-0.736
Methylene chloride	6.54	8.63	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.03	8.63	0.930	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.98	10.46	1.145	ok	1.145	1.085-1.205
Methyl Tert Butyl Ether	7.71	8.63	0.893	ok	0.894	0.834-0.954
Nonane	16.02	14.70	1.090	ok	1.090	1.030-1.150
Pentane	6.15	8.63	0.713	ok	0.712	0.652-0.772
Propylene	3.97	8.63	0.460	ok	0.460	0.400-0.520
Styrene	15.70	14.70	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.71	8.63	1.125	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.81	14.70	1.076	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.64	10.46	1.208	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.30	14.70	1.381	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.75	14.70	1.207	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.29	14.70	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.17	10.46	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.43	8.63	0.745	ok	0.746	0.686-0.806
Tetrachloroethylene	14.06	14.70	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.14	8.63	1.059	ok	1.060	1.000-1.120
Toluene	12.92	10.46	1.235	ok	1.235	1.175-1.295
Trichloroethylene	11.14	10.46	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.79	8.63	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.42	8.63	0.512	ok	0.512	0.452-0.572
Vinyl Acetate	7.79	8.63	0.903	ok	0.903	0.843-0.963
m,p-Xylene	15.32	14.70	1.042	ok	1.042	0.982-1.102
o-Xylene	15.82	14.70	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.63	8.30-8.96	104707	ok	136973	82184-191762
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	499793	ok	640847	384508-897186
Chlorobenzene-D5	14.70	ok	14.70	14.37-15.03	413942	ok	537321	322393-752249

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ227-IC227	Q4261.D	08/13/07 08:51	DFT	0.5	GCMSQ	TO-15	
MSQ227-IC227	Q4262.D	08/13/07 09:33	DFT	0.2	GCMSQ	TO-15	
MSQ227-IC227	Q4264.D	08/13/07 10:59	DFT	20	GCMSQ	TO-15	
MSQ227-ICC227	Q4265.D	08/13/07 11:41	DFT	10	GCMSQ	TO-15	Reporting this level
MSQ227-IC227	Q4266.D	08/13/07 12:24	DFT	5	GCMSQ	TO-15	
MSQ227-IC227	Q4267.D	08/13/07 13:07	DFT	2	GCMSQ	TO-15	
MSQ227-IC227	Q4269.D	08/13/07 14:54	DFT	40	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.60	8.63	0.649	ok	0.649	0.589-0.709
1,3-Butadiene	4.55	8.63	0.527	ok	0.528	0.468-0.588
Benzene	10.15	10.46	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.10	10.46	1.061	ok	1.061	1.001-1.121
Bromoform	15.42	14.70	1.049	ok	1.049	0.989-1.109
Bromomethane	4.84	8.63	0.561	ok	0.560	0.500-0.620
Bromoethene	5.37	8.63	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.91	14.70	1.218	ok	1.219	1.159-1.279
Carbon disulfide	6.86	8.63	0.795	ok	0.795	0.735-0.855
Chlorobenzene	14.75	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.63	0.581	ok	0.580	0.520-0.640
Chloroform	8.75	8.63	1.014	ok	1.014	0.954-1.074
Chloromethane	4.20	8.63	0.487	ok	0.487	0.427-0.547
3-Chloropropene	6.66	8.63	0.772	ok	0.771	0.711-0.831
2-Chlorotoluene	17.02	14.70	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.29	8.63	1.192	ok	1.192	1.132-1.252
Cyclohexane	10.41	10.46	0.995	ok	0.995	0.935-1.055
1,1-Dichloroethane	7.66	8.63	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.63	0.745	ok	0.744	0.684-0.804
1,2-Dibromoethane	13.60	14.70	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.63	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.92	10.46	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.13	10.46	1.064	ok	1.065	1.005-1.125
Dichlorodifluoromethane	4.04	8.63	0.468	ok	0.468	0.408-0.528
Dibromochloromethane	13.35	14.70	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.47	8.63	0.866	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.47	8.63	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.96	10.46	1.143	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.94	14.70	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.40	14.70	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.01	14.70	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.46	10.46	1.191	ok	1.191	1.131-1.251
Ethanol	5.10	8.63	0.591	ok	0.591	0.531-0.651
Ethylbenzene	15.13	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.66	8.63	1.003	ok	1.004	0.944-1.064
4-Ethyltoluene	17.20	14.70	1.170	ok	1.171	1.111-1.231
Freon 113	6.80	8.63	0.788	ok	0.788	0.728-0.848
Freon 114	4.30	8.63	0.498	ok	0.498	0.438-0.558
Heptane	11.41	10.46	1.091	ok	1.090	1.030-1.150
Hexachlorobutadiene	20.79	14.70	1.414	ok	1.414	1.354-1.474
Hexane	8.67	8.63	1.005	ok	1.005	0.945-1.065

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ227-IC227	Q4261.D	08/13/07 08:51	DFT	0.5	GCMSQ	TO-15	
MSQ227-IC227	Q4262.D	08/13/07 09:33	DFT	0.2	GCMSQ	TO-15	
MSQ227-IC227	Q4264.D	08/13/07 10:59	DFT	20	GCMSQ	TO-15	
MSQ227-ICC227	Q4265.D	08/13/07 11:41	DFT	10	GCMSQ	TO-15	Reporting this level
MSQ227-IC227	Q4266.D	08/13/07 12:24	DFT	5	GCMSQ	TO-15	
MSQ227-IC227	Q4267.D	08/13/07 13:07	DFT	2	GCMSQ	TO-15	
MSQ227-IC227	Q4269.D	08/13/07 14:54	DFT	40	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.14	14.70	0.894	ok	0.894	0.834-0.954
Isopropylbenzene	16.47	14.70	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.83	8.63	0.676	ok	0.676	0.616-0.736
Methylene chloride	6.54	8.63	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.03	8.63	0.930	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.98	10.46	1.145	ok	1.145	1.085-1.205
Methyl Tert Butyl Ether	7.71	8.63	0.893	ok	0.894	0.834-0.954
Nonane	16.02	14.70	1.090	ok	1.090	1.030-1.150
Pentane	6.14	8.63	0.711	ok	0.712	0.652-0.772
Propylene	3.97	8.63	0.460	ok	0.460	0.400-0.520
Styrene	15.70	14.70	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.71	8.63	1.125	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.81	14.70	1.076	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.64	10.46	1.208	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.30	14.70	1.381	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.76	14.70	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.29	14.70	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.17	10.46	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.43	8.63	0.745	ok	0.746	0.686-0.806
Tetrachloroethylene	14.05	14.70	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.14	8.63	1.059	ok	1.060	1.000-1.120
Toluene	12.92	10.46	1.235	ok	1.235	1.175-1.295
Trichloroethylene	11.14	10.46	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.79	8.63	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.43	8.63	0.513	ok	0.512	0.452-0.572
Vinyl Acetate	7.79	8.63	0.903	ok	0.903	0.843-0.963
m,p-Xylene	15.32	14.70	1.042	ok	1.042	0.982-1.102
o-Xylene	15.82	14.70	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.63	8.30-8.96	120773	ok	136973	82184-191762
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	562911	ok	640847	384508-897186
Chlorobenzene-D5	14.70	ok	14.70	14.37-15.03	468170	ok	537321	322393-752249

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ227-IC227	Q4261.D	08/13/07 08:51	DFT	0.5	GCMSQ	TO-15	
MSQ227-IC227	Q4262.D	08/13/07 09:33	DFT	0.2	GCMSQ	TO-15	
MSQ227-IC227	Q4264.D	08/13/07 10:59	DFT	20	GCMSQ	TO-15	
MSQ227-ICC227	Q4265.D	08/13/07 11:41	DFT	10	GCMSQ	TO-15	
MSQ227-IC227	Q4266.D	08/13/07 12:24	DFT	5	GCMSQ	TO-15	Reporting this level
MSQ227-IC227	Q4267.D	08/13/07 13:07	DFT	2	GCMSQ	TO-15	
MSQ227-IC227	Q4269.D	08/13/07 14:54	DFT	40	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.60	8.63	0.649	ok	0.649	0.589-0.709
1,3-Butadiene	4.56	8.63	0.528	ok	0.528	0.468-0.588
Benzene	10.15	10.46	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.10	10.46	1.061	ok	1.061	1.001-1.121
Bromoform	15.42	14.70	1.049	ok	1.049	0.989-1.109
Bromomethane	4.83	8.63	0.560	ok	0.560	0.500-0.620
Bromoethene	5.37	8.63	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.91	14.70	1.218	ok	1.219	1.159-1.279
Carbon disulfide	6.86	8.63	0.795	ok	0.795	0.735-0.855
Chlorobenzene	14.75	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	5.00	8.63	0.579	ok	0.580	0.520-0.640
Chloroform	8.75	8.63	1.014	ok	1.014	0.954-1.074
Chloromethane	4.20	8.63	0.487	ok	0.487	0.427-0.547
3-Chloropropene	6.66	8.63	0.772	ok	0.771	0.711-0.831
2-Chlorotoluene	17.02	14.70	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.29	8.63	1.192	ok	1.192	1.132-1.252
Cyclohexane	10.41	10.46	0.995	ok	0.995	0.935-1.055
1,1-Dichloroethane	7.66	8.63	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	8.63	0.744	ok	0.744	0.684-0.804
1,2-Dibromoethane	13.60	14.70	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.63	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.92	10.46	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.13	10.46	1.064	ok	1.065	1.005-1.125
Dichlorodifluoromethane	4.03	8.63	0.467	ok	0.468	0.408-0.528
Dibromochloromethane	13.34	14.70	0.907	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.47	8.63	0.866	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.47	8.63	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.96	10.46	1.143	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.94	14.70	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.40	14.70	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.01	14.70	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.46	10.46	1.191	ok	1.191	1.131-1.251
Ethanol	5.10	8.63	0.591	ok	0.591	0.531-0.651
Ethylbenzene	15.12	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.66	8.63	1.003	ok	1.004	0.944-1.064
4-Ethyltoluene	17.21	14.70	1.171	ok	1.171	1.111-1.231
Freon 113	6.80	8.63	0.788	ok	0.788	0.728-0.848
Freon 114	4.30	8.63	0.498	ok	0.498	0.438-0.558
Heptane	11.40	10.46	1.090	ok	1.090	1.030-1.150
Hexachlorobutadiene	20.79	14.70	1.414	ok	1.414	1.354-1.474
Hexane	8.67	8.63	1.005	ok	1.005	0.945-1.065

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ227-IC227	Q4261.D	08/13/07 08:51	DFT	0.5	GCMSQ	TO-15	
MSQ227-IC227	Q4262.D	08/13/07 09:33	DFT	0.2	GCMSQ	TO-15	
MSQ227-IC227	Q4264.D	08/13/07 10:59	DFT	20	GCMSQ	TO-15	
MSQ227-ICC227	Q4265.D	08/13/07 11:41	DFT	10	GCMSQ	TO-15	
MSQ227-IC227	Q4266.D	08/13/07 12:24	DFT	5	GCMSQ	TO-15	Reporting this level
MSQ227-IC227	Q4267.D	08/13/07 13:07	DFT	2	GCMSQ	TO-15	
MSQ227-IC227	Q4269.D	08/13/07 14:54	DFT	40	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.15	14.70	0.895	ok	0.894	0.834-0.954
Isopropylbenzene	16.47	14.70	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.83	8.63	0.676	ok	0.676	0.616-0.736
Methylene chloride	6.54	8.63	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.03	8.63	0.930	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.98	10.46	1.145	ok	1.145	1.085-1.205
Methyl Tert Butyl Ether	7.71	8.63	0.893	ok	0.894	0.834-0.954
Nonane	16.02	14.70	1.090	ok	1.090	1.030-1.150
Pentane	6.14	8.63	0.711	ok	0.712	0.652-0.772
Propylene	3.97	8.63	0.460	ok	0.460	0.400-0.520
Styrene	15.70	14.70	1.068	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.71	8.63	1.125	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.81	14.70	1.076	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.64	10.46	1.208	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.30	14.70	1.381	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.75	14.70	1.207	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.29	14.70	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.17	10.46	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.43	8.63	0.745	ok	0.746	0.686-0.806
Tetrachloroethylene	14.05	14.70	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.14	8.63	1.059	ok	1.060	1.000-1.120
Toluene	12.92	10.46	1.235	ok	1.235	1.175-1.295
Trichloroethylene	11.14	10.46	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.79	8.63	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.42	8.63	0.512	ok	0.512	0.452-0.572
Vinyl Acetate	7.78	8.63	0.902	ok	0.903	0.843-0.963
m,p-Xylene	15.32	14.70	1.042	ok	1.042	0.982-1.102
o-Xylene	15.82	14.70	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.63	8.30-8.96	153309	ok	136973	82184-191762
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	771417	ok	640847	384508-897186
Chlorobenzene-D5	14.70	ok	14.70	14.37-15.03	649401	ok	537321	322393-752249

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ227-IC227	Q4261.D	08/13/07 08:51	DFT	0.5	GCMSQ	TO-15	
MSQ227-IC227	Q4262.D	08/13/07 09:33	DFT	0.2	GCMSQ	TO-15	
MSQ227-IC227	Q4264.D	08/13/07 10:59	DFT	20	GCMSQ	TO-15	
MSQ227-ICC227	Q4265.D	08/13/07 11:41	DFT	10	GCMSQ	TO-15	
MSQ227-IC227	Q4266.D	08/13/07 12:24	DFT	5	GCMSQ	TO-15	
MSQ227-IC227	Q4267.D	08/13/07 13:07	DFT	2	GCMSQ	TO-15	Reporting this level
MSQ227-IC227	Q4269.D	08/13/07 14:54	DFT	40	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.61	8.63	0.650	ok	0.649	0.589-0.709
1,3-Butadiene	4.56	8.63	0.528	ok	0.528	0.468-0.588
Benzene	10.15	10.46	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.10	10.46	1.061	ok	1.061	1.001-1.121
Bromoform	15.42	14.70	1.049	ok	1.049	0.989-1.109
Bromomethane	4.83	8.63	0.560	ok	0.560	0.500-0.620
Bromoethene	5.37	8.63	0.622	ok	0.622	0.562-0.682
Benzyl Chloride	17.92	14.70	1.219	ok	1.219	1.159-1.279
Carbon disulfide	6.86	8.63	0.795	ok	0.795	0.735-0.855
Chlorobenzene	14.75	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.63	0.581	ok	0.580	0.520-0.640
Chloroform	8.75	8.63	1.014	ok	1.014	0.954-1.074
Chloromethane	4.20	8.63	0.487	ok	0.487	0.427-0.547
3-Chloropropene	6.65	8.63	0.771	ok	0.771	0.711-0.831
2-Chlorotoluene	17.02	14.70	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.29	8.63	1.192	ok	1.192	1.132-1.252
Cyclohexane	10.41	10.46	0.995	ok	0.995	0.935-1.055
1,1-Dichloroethane	7.66	8.63	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.42	8.63	0.744	ok	0.744	0.684-0.804
1,2-Dibromoethane	13.60	14.70	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.63	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.92	10.46	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.14	10.46	1.065	ok	1.065	1.005-1.125
Dichlorodifluoromethane	4.03	8.63	0.467	ok	0.468	0.408-0.528
Dibromochloromethane	13.35	14.70	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.47	8.63	0.866	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.47	8.63	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.96	10.46	1.143	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.94	14.70	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.40	14.70	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.01	14.70	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.46	10.46	1.191	ok	1.191	1.131-1.251
Ethanol	5.09	8.63	0.590	ok	0.591	0.531-0.651
Ethylbenzene	15.13	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.67	8.63	1.005	ok	1.004	0.944-1.064
4-Ethyltoluene	17.21	14.70	1.171	ok	1.171	1.111-1.231
Freon 113	6.79	8.63	0.787	ok	0.788	0.728-0.848
Freon 114	4.29	8.63	0.497	ok	0.498	0.438-0.558
Heptane	11.41	10.46	1.091	ok	1.090	1.030-1.150
Hexachlorobutadiene	20.79	14.70	1.414	ok	1.414	1.354-1.474
Hexane	8.67	8.63	1.005	ok	1.005	0.945-1.065

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ227-IC227	Q4261.D	08/13/07 08:51	DFT	0.5	GCMSQ	TO-15	
MSQ227-IC227	Q4262.D	08/13/07 09:33	DFT	0.2	GCMSQ	TO-15	
MSQ227-IC227	Q4264.D	08/13/07 10:59	DFT	20	GCMSQ	TO-15	
MSQ227-ICC227	Q4265.D	08/13/07 11:41	DFT	10	GCMSQ	TO-15	
MSQ227-IC227	Q4266.D	08/13/07 12:24	DFT	5	GCMSQ	TO-15	
MSQ227-IC227	Q4267.D	08/13/07 13:07	DFT	2	GCMSQ	TO-15	Reporting this level
MSQ227-IC227	Q4269.D	08/13/07 14:54	DFT	40	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
2-Hexanone	13.15	14.70	0.895	ok	0.894	0.834-0.954
Isopropylbenzene	16.47	14.70	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.83	8.63	0.676	ok	0.676	0.616-0.736
Methylene chloride	6.54	8.63	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.04	8.63	0.932	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.98	10.46	1.145	ok	1.145	1.085-1.205
Methyl Tert Butyl Ether	7.71	8.63	0.893	ok	0.894	0.834-0.954
Nonane	16.02	14.70	1.090	ok	1.090	1.030-1.150
Pentane	6.14	8.63	0.711	ok	0.712	0.652-0.772
Propylene	3.96	8.63	0.459	ok	0.460	0.400-0.520
Styrene	15.71	14.70	1.069	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.71	8.63	1.125	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.81	14.70	1.076	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.64	10.46	1.208	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.30	14.70	1.381	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.76	14.70	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.29	14.70	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.17	10.46	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.44	8.63	0.746	ok	0.746	0.686-0.806
Tetrachloroethylene	14.05	14.70	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.16	8.63	1.061	ok	1.060	1.000-1.120
Toluene	12.92	10.46	1.235	ok	1.235	1.175-1.295
Trichloroethylene	11.14	10.46	1.065	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.79	8.63	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.42	8.63	0.512	ok	0.512	0.452-0.572
Vinyl Acetate	7.79	8.63	0.903	ok	0.903	0.843-0.963
m,p-Xylene	15.32	14.70	1.042	ok	1.042	0.982-1.102
o-Xylene	15.82	14.70	1.076	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.63	8.30-8.96	166943	ok	136973	82184-191762
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	781603	ok	640847	384508-897186
Chlorobenzene-D5	14.70	ok	14.70	14.37-15.03	647645	ok	537321	322393-752249

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ227-IC227	Q4261.D	08/13/07 08:51	DFT	0.5	GCMSQ	TO-15	
MSQ227-IC227	Q4262.D	08/13/07 09:33	DFT	0.2	GCMSQ	TO-15	
MSQ227-IC227	Q4264.D	08/13/07 10:59	DFT	20	GCMSQ	TO-15	
MSQ227-ICC227	Q4265.D	08/13/07 11:41	DFT	10	GCMSQ	TO-15	
MSQ227-IC227	Q4266.D	08/13/07 12:24	DFT	5	GCMSQ	TO-15	
MSQ227-IC227	Q4267.D	08/13/07 13:07	DFT	2	GCMSQ	TO-15	
MSQ227-IC227	Q4269.D	08/13/07 14:54	DFT	40	GCMSQ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.59	8.63	0.648	ok	0.649	0.589-0.709
1,3-Butadiene	4.56	8.63	0.528	ok	0.528	0.468-0.588
Benzene	10.15	10.46	0.970	ok	0.970	0.910-1.030
Bromodichloromethane	11.11	10.46	1.062	ok	1.061	1.001-1.121
Bromoform	15.42	14.70	1.049	ok	1.049	0.989-1.109
Bromomethane	4.83	8.63	0.560	ok	0.560	0.500-0.620
Bromoethene	5.37	8.63	0.622	ok	0.622	0.562-0.682
Carbon disulfide	6.86	8.63	0.795	ok	0.795	0.735-0.855
Chlorobenzene	14.75	14.70	1.003	ok	1.003	0.943-1.063
Chloroethane	5.01	8.63	0.581	ok	0.580	0.520-0.640
Chloroform	8.75	8.63	1.014	ok	1.014	0.954-1.074
Chloromethane	4.20	8.63	0.487	ok	0.487	0.427-0.547
3-Chloropropene	6.66	8.63	0.772	ok	0.771	0.711-0.831
2-Chlorotoluene	17.02	14.70	1.158	ok	1.158	1.098-1.218
Carbon tetrachloride	10.29	8.63	1.192	ok	1.192	1.132-1.252
Cyclohexane	10.41	10.46	0.995	ok	0.995	0.935-1.055
1,1-Dichloroethane	7.66	8.63	0.888	ok	0.888	0.828-0.948
1,1-Dichloroethylene	6.43	8.63	0.745	ok	0.744	0.684-0.804
1,2-Dibromoethane	13.60	14.70	0.925	ok	0.925	0.865-0.985
1,2-Dichloroethane	9.46	8.63	1.096	ok	1.096	1.036-1.156
1,2-Dichloropropane	10.92	10.46	1.044	ok	1.044	0.984-1.104
1,4-Dioxane	11.13	10.46	1.064	ok	1.065	1.005-1.125
Dichlorodifluoromethane	4.04	8.63	0.468	ok	0.468	0.408-0.528
Dibromochloromethane	13.35	14.70	0.908	ok	0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.47	8.63	0.866	ok	0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.47	8.63	0.981	ok	0.981	0.921-1.041
cis-1,3-Dichloropropene	11.96	10.46	1.143	ok	1.143	1.083-1.203
m-Dichlorobenzene	17.94	14.70	1.220	ok	1.220	1.160-1.280
o-Dichlorobenzene	18.40	14.70	1.252	ok	1.252	1.192-1.312
p-Dichlorobenzene	18.01	14.70	1.225	ok	1.225	1.165-1.285
trans-1,3-Dichloropropene	12.46	10.46	1.191	ok	1.191	1.131-1.251
Ethanol	5.09	8.63	0.590	ok	0.591	0.531-0.651
Ethylbenzene	15.13	14.70	1.029	ok	1.029	0.969-1.089
Ethyl Acetate	8.66	8.63	1.003	ok	1.004	0.944-1.064
4-Ethyltoluene	17.21	14.70	1.171	ok	1.171	1.111-1.231
Freon 113	6.80	8.63	0.788	ok	0.788	0.728-0.848
Freon 114	4.30	8.63	0.498	ok	0.498	0.438-0.558
Heptane	11.41	10.46	1.091	ok	1.090	1.030-1.150
Hexachlorobutadiene	20.79	14.70	1.414	ok	1.414	1.354-1.474
Hexane	8.67	8.63	1.005	ok	1.005	0.945-1.065
2-Hexanone	13.14	14.70	0.894	ok	0.894	0.834-0.954

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ227-IC227	Q4261.D	08/13/07 08:51	DFT	0.5	GCMSQ	TO-15	
MSQ227-IC227	Q4262.D	08/13/07 09:33	DFT	0.2	GCMSQ	TO-15	
MSQ227-IC227	Q4264.D	08/13/07 10:59	DFT	20	GCMSQ	TO-15	
MSQ227-ICC227	Q4265.D	08/13/07 11:41	DFT	10	GCMSQ	TO-15	
MSQ227-IC227	Q4266.D	08/13/07 12:24	DFT	5	GCMSQ	TO-15	
MSQ227-IC227	Q4267.D	08/13/07 13:07	DFT	2	GCMSQ	TO-15	
MSQ227-IC227	Q4269.D	08/13/07 14:54	DFT	40	GCMSQ	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+/- .06)
Isopropylbenzene	16.47	14.70	1.120	ok	1.120	1.060-1.180
Isopropyl Alcohol	5.82	8.63	0.674	ok	0.676	0.616-0.736
Methylene chloride	6.54	8.63	0.758	ok	0.758	0.698-0.818
Methyl ethyl ketone	8.03	8.63	0.930	ok	0.931	0.871-0.991
Methyl Isobutyl Ketone	11.97	10.46	1.144	ok	1.145	1.085-1.205
Methyl Tert Butyl Ether	7.70	8.63	0.892	ok	0.894	0.834-0.954
Nonane	16.03	14.70	1.090	ok	1.090	1.030-1.150
Pentane	6.14	8.63	0.711	ok	0.712	0.652-0.772
Propylene	3.96	8.63	0.459	ok	0.460	0.400-0.520
Styrene	15.71	14.70	1.069	ok	1.068	1.008-1.128
1,1,1-Trichloroethane	9.71	8.63	1.125	ok	1.125	1.065-1.185
1,1,2,2-Tetrachloroethane	15.81	14.70	1.076	ok	1.076	1.016-1.136
1,1,2-Trichloroethane	12.64	10.46	1.208	ok	1.209	1.149-1.269
1,2,4-Trichlorobenzene	20.30	14.70	1.381	ok	1.381	1.321-1.441
1,2,4-Trimethylbenzene	17.76	14.70	1.208	ok	1.208	1.148-1.268
1,3,5-Trimethylbenzene	17.29	14.70	1.176	ok	1.176	1.116-1.236
2,2,4-Trimethylpentane	11.17	10.46	1.068	ok	1.068	1.008-1.128
Tertiary Butyl Alcohol	6.43	8.63	0.745	ok	0.746	0.686-0.806
Tetrachloroethylene	14.06	14.70	0.956	ok	0.956	0.896-1.016
Tetrahydrofuran	9.13	8.63	1.058	ok	1.060	1.000-1.120
Toluene	12.92	10.46	1.235	ok	1.235	1.175-1.295
Trichloroethylene	11.15	10.46	1.066	ok	1.065	1.005-1.125
Trichlorofluoromethane	5.79	8.63	0.671	ok	0.671	0.611-0.731
Vinyl chloride	4.42	8.63	0.512	ok	0.512	0.452-0.572
Vinyl Acetate	7.79	8.63	0.903	ok	0.903	0.843-0.963
m,p-Xylene	15.33	14.70	1.043	ok	1.042	0.982-1.102
o-Xylene	15.83	14.70	1.077	ok	1.076	1.016-1.136

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area		Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.63	ok	8.63	8.30-8.96	117338	ok	136973	82184-191762
1,4-Difluorobenzene	10.46	ok	10.46	10.13-10.79	576085	ok	640847	384508-897186
Chlorobenzene-D5	14.70	ok	14.70	14.37-15.03	508200	ok	537321	322393-752249

Volatile Surrogate Recovery Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

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

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1
M66975-1	Q4299.D	81.0
M66975-2	Q4300.D	79.0
M66975-2DUP	Q4301.D	90.0
MSQ214-SCC	Q3990.D	99.0
MSQ214-SCC	Q3995.D	100.0
MSQ228-BS	Q4295A.D	105.0
MSQ228-MB	Q4297.D	72.0
MSQ214-BS	Q3984B.D	108.0
MSQ214-MB	Q3986.D	91.0

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

Initial Calibration Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ214-ICC214
Lab FileID: Q3979.D

Response Factor Report MAMSQ

Method : C:\msdchem\1\METHODS\Q071607T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Tue Jul 17 08:27:00 2007
Response via : Initial Calibration

Calibration Files
.2 =Q3983.D .5 =Q3982.D 2 =Q3981.D
5 =Q3980.D 10 =Q3979.D 20 =Q3978.D 40 =Q3977.D

Compound	.2	.5	2	5	10	20	40	Avg	%RSD
1) I BROMOCHLOROMETHANE	----------ISTD----------								
2)m DICHLORODIFLUOROM	4.002	3.399	3.337	3.337	3.106	3.194	3.296	3.382	8.60
3)m PROPYLENE	0.309	0.555	0.540	0.599	0.556	0.586	0.552	0.528	18.74
4)m FREON 114	3.718	3.134	2.895	3.058	2.958	3.051	3.107	3.132	8.68
5)m CHLOROMETHANE	0.801	0.694	0.728	0.745	0.696	0.712	0.702	0.725	5.24
6)m VINYL CHLORIDE	0.938	0.812	0.826	0.853	0.829	0.862	0.846	0.853	4.87
7)m 1,3-BUTADIENE	0.716	0.746	0.664	0.675	0.669	0.690	0.707	0.695	4.26
8)m BROMOMETHANE	0.968	0.985	0.929	0.954	0.950	0.982	0.971	0.963	2.05
9)m CHLOROETHANE	0.170	0.405	0.318	0.347	0.360	0.380	0.383	0.338	23.40
10)m TRICHLOROFLUOROME	3.901	3.619	3.029	3.118	3.038	3.153	3.361	3.317	10.01
11)m ISOPROPYL ALCOHOL	2.804	1.967	1.265	1.139	1.183	1.255	1.279	1.556	39.73
----- Linear regression (equal Weighting)----- Coefficient = 0.9993									
Response Ratio = -0.01673 + 1.27457 *A									
12)m ACETONE	3.411	2.186	1.398	1.209	1.231	1.313	1.365	1.730	47.03
----- Linear regression (equal Weighting)----- Coefficient = 0.9987									
Response Ratio = -0.02136 + 1.35484 *A									
13)m PENTANE	0.736	0.792	0.677	0.695	0.688	0.734	0.764	0.727	5.85
14)m 1,1-DICHLOROETHYL	0.973	0.974	0.893	0.863	0.897	0.942	0.986	0.932	5.19
15)m CARBON DISULFIDE	2.425	2.288	2.141	2.283	2.274	2.434	2.578	2.346	6.09
16)m ETHANOL	0.305	0.320	0.235	0.205	0.213	0.233	0.224	0.248	18.39
17)m BROMOETHENE	0.949	1.046	0.902	0.934	0.929	0.982	0.989	0.961	4.99
18)m METHYLENE CHLORID	3.257	1.982	1.135	1.029	1.060	1.124	1.194	1.540	53.63
----- Linear regression (equal Weighting)----- Coefficient = 0.9980									
Response Ratio = -0.02953 + 1.18375 *A									
19)m 3-CHLOROPROPENE	0.696	0.789	0.620	0.591	0.651	0.720	0.836	0.700	12.73
20)m FREON 113	3.094	2.497	2.093	2.051	2.061	2.157	2.265	2.317	16.25
21)m TRANS-1,2-DICHLOR	1.010	0.892	0.795	0.814	0.862	0.913	0.971	0.894	8.78
22)m TERTIARY BUTYL AL	1.580	1.652	1.475	1.472	1.535	1.612	1.684	1.573	5.27
23)m METHYL TERTIARY B	2.213	2.045	1.978	1.879	1.981	2.110	2.281	2.070	6.85
24)m TETRAHYDROFURAN	0.532	0.611	0.590	0.587	0.633	0.697	0.721	0.624	10.56
25)m HEXANE	2.901	2.057	1.444	1.195	1.250	1.303	1.341	1.642	38.17
----- Linear regression (equal Weighting)----- Coefficient = 0.9992									
Response Ratio = -0.01290 + 1.33324 *A									
26)m VINYL ACETATE	1.734	1.444	1.390	1.308	1.379	1.583	1.670	1.501	10.78
27)m 1,1-DICHLOROETHAN	1.577	1.535	1.274	1.309	1.390	1.530	1.723	1.477	10.83
28)m METHYL ETHYL KETO	1.555	1.422	1.186	1.212	1.287	1.386	1.443	1.356	9.84
29)m cis-1,2-DICHLOROE	0.771	0.755	0.689	0.710	0.775	0.876	0.954	0.790	11.88
30)m ETHYL ACETATE	3.723	2.845	2.380	2.184	2.303	2.486	2.579	2.643	19.73
31)m CHLOROFORM	2.097	2.073	1.811	1.854	1.974	2.136	2.364	2.044	9.16
32)m 1,1,1-TRICHLOROET	2.119	2.058	1.772	1.819	1.977	2.197	2.508	2.064	12.05
33)m CARBON TETRACHLOR	2.384	2.354	2.146	2.259	2.408	2.570	2.813	2.419	9.00
34)m 1,2-DICHLOROETHAN	1.133	1.176	1.104	1.095	1.141	1.289	1.461	1.200	11.02

Initial Calibration Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ214-ICC214
Lab FileID: Q3979.D

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35) I   1,4-DIFLUOROBENZENE   ----------------ISTD---------------------
36)m BENZENE           0.445 0.427 0.402 0.402 0.441 0.506 0.604 0.461  15.62
37)m CYCLOHEXANE       0.181 0.185 0.185 0.186 0.200 0.208 0.236 0.197   9.87
38)m TRICHLOROETHYLENE 0.262 0.230 0.228 0.227 0.249 0.275 0.335 0.258  14.93
39)m 1,2-DICHLOROPROPA 0.120 0.162 0.146 0.141 0.152 0.171 0.203 0.156  16.79
40)m BROMODICHLOROMETH 0.374 0.358 0.352 0.373 0.400 0.454 0.559 0.410  18.11
41)m 2,2,4-TRIMETHYLPE 0.608 0.683 0.622 0.639 0.698 0.761 0.918 0.704  15.31
42)m 1,4-DIOXANE       0.086 0.089 0.075 0.081 0.090 0.101 0.115 0.091  14.74
43)m HEPTANE           0.230 0.249 0.228 0.229 0.257 0.282 0.334 0.258  14.92
44)m METHYL ISOBUTYL K 0.300 0.311 0.296 0.291 0.329 0.369 0.422 0.331  14.55
45)m cis-1,3-DICHLOROP 0.221 0.204 0.198 0.211 0.235 0.270 0.335 0.239  20.42
46)m TOLUENE           0.339 0.292 0.284 0.290 0.321 0.363 0.439 0.333  16.55
47)m trans-1,3-DICHLOR 0.167 0.173 0.186 0.197 0.222 0.262 0.324 0.219  25.89
48)m 1,1,2-TRICHLOROET 0.159 0.159 0.159 0.155 0.166 0.184 0.222 0.172  14.09

49) I   CHLOROBENZENE-D5      ----------------ISTD---------------------
50)m 2-HEXANONE        0.285 0.330 0.263 0.282 0.314 0.361 0.420 0.322  16.84
51)m TETRACHLOROETHYLE 0.308 0.327 0.293 0.297 0.322 0.358 0.432 0.334  14.49
52)m DIBROMOCHLOROMETH 0.398 0.371 0.394 0.404 0.459 0.527 0.648 0.457  21.75
53)m 1,2-DIBROMOETHANE 0.356 0.340 0.320 0.320 0.346 0.401 0.477 0.366  15.36
54)m CHLOROBENZENE     0.520 0.489 0.473 0.472 0.508 0.568 0.675 0.529  13.62
55)m ETHYLBENZENE      0.712 0.710 0.770 0.770 0.845 0.935 1.107 0.835  17.15
56)m m,p-XYLENE        0.256 0.265 0.293 0.293 0.321 0.361 0.422 0.316  18.51
57)m o-XYLENE          0.263 0.275 0.299 0.293 0.326 0.363 0.427 0.321  17.90
58)m STYRENE           0.326 0.334 0.389 0.413 0.481 0.554 0.652 0.450  26.72
59)m NONANE            0.331 0.342 0.378 0.375 0.420 0.467 0.557 0.410  19.44
60)m BROMOFORM         0.312 0.329 0.356 0.381 0.461 0.547 0.686 0.439  31.07
         ----- Quadratic regression -----  Coefficient =  0.9999
              Response Ratio = -0.01089 + 0.40535 *A + 0.07092 *A^2

61)S 4-BROMOFLUOROBENZ 0.684 0.683 0.710 0.725 0.758 0.774 0.806 0.734   6.38
62)m 1,1,2,2-TETRACHLO 0.499 0.489 0.428 0.437 0.485 0.543 0.638 0.503  14.11
63)m ISOPROPYLBENZENE  0.866 0.856 0.895 0.883 0.995 1.102 1.293 0.984  16.49
64)m 2-CHLOROTOLUENE   0.621 0.599 0.629 0.633 0.718 0.800 0.949 0.707  18.10
65)m 4-ETHYLTOLUENE    0.696 0.715 0.766 0.788 0.937 1.031 1.237 0.881  22.53
66)m 1,3,5-TRIMETHYLBE 0.739 0.753 0.738 0.775 0.881 0.964 1.137 0.855  17.60
67)m 1,2,4-TRIMETHYLBE 0.601 0.670 0.692 0.714 0.820 0.920 1.095 0.788  21.75
68)m m-DICHLOROBENZENE 0.503 0.501 0.461 0.460 0.542 0.623 0.771 0.551  20.25
69)m BENZYL CHLORIDE   0.222 0.296 0.294 0.347 0.455 0.570 0.733 0.417  43.53
         ----- Quadratic regression -----  Coefficient =  0.9997
              Response Ratio = -0.01876 + 0.39959 *A + 0.08482 *A^2

70)m p-DICHLOROBENZENE 0.498 0.379 0.455 0.480 0.544 0.612 0.757 0.532  23.06
71)m o-DICHLOROBENZENE 0.508 0.516 0.427 0.445 0.505 0.571 0.701 0.525  17.40
72)m HEXACHLOROBUTADIE 0.863 0.830 0.274 0.267 0.286 0.265 0.374 0.451  60.41
         ----- Quadratic regression -----  Coefficient =  0.9982
              Response Ratio = 0.02950 + 0.16697 *A + 0.04951 *A^2

73)m 1,2,4-TRICHLOROBE 0.295 0.311 0.137 0.162 0.192 0.204 0.281 0.226  30.56
         ----- Quadratic regression -----  Coefficient =  0.9995
              Response Ratio = 0.00601 + 0.13315 *A + 0.03651 *A^2

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

          Q071607T.m        Wed Jul 18 14:23:22 2007   RPT1
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Continuing Calibration Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ214-CC214
Lab FileID: Q3984A.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Q3984a.D Vial: 3
Acq On : 17 Jul 2007 8:45 am Operator: danat
Sample : cc214-10 (M209) Inst : MAMSQ
Misc : MS13893, MSQ214,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\msdchem\1\METHODS\Q071607T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Tue Jul 17 08:27:00 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	90	0.00	8.43- 8.84
2	m	DICHLORODIFLUOROMETHAN	3.382	3.665	-8.4	106	0.00	3.83- 4.24
3	m	PROPYLENE	0.528	0.555	-5.1	90	0.00	3.76- 4.17
4	m	FREON 114	3.132	3.364	-7.4	102	0.00	4.09- 4.50
5	m	CHLOROMETHANE	0.725	0.769	-6.1	99	0.00	4.00- 4.41
6	m	VINYL CHLORIDE	0.853	0.905	-6.1	98	0.00	4.21- 4.63
7	m	1,3-BUTADIENE	0.695	0.745	-7.2	100	0.00	4.35- 4.77
8	m	BROMOMETHANE	0.963	1.045	-8.5	99	0.00	4.63- 5.04
9	m	CHLOROETHANE	0.338	0.385	-13.9	96	0.00	4.80- 5.22
10	m	TRICHLOROFLUOROMETHANE	3.317	3.787	-14.2	112	0.00	5.58- 5.99
		----------	True	Calc.	% Drift	----------		
11	m	ISOPROPYL ALCOHOL	10.000	9.677	3.2	93	0.00	5.59- 6.06
12	m	ACETONE	10.000	8.199	18.0	80	0.00	5.39- 5.80
		----------	AvgRF	CCRF	% Dev	----------		
13	m	PENTANE	0.727	0.836	-15.0	109	0.00	5.99- 6.30
14	m	1,1-DICHLOROETHYLENE	0.932	0.975	-4.6	98	0.00	6.22- 6.63
15	m	CARBON DISULFIDE	2.346	2.727	-16.2	108	0.00	6.65- 7.06
16	m	ETHANOL	0.248	0.201	19.0	85	0.00	4.86- 5.33
17	m	BROMOETHENE	0.961	1.033	-7.5	100	0.00	5.16- 5.58
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	7.273	27.3	71	0.00	6.39- 6.69
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	0.700	0.778	-11.1	108	0.00	6.45- 6.87
20	m	FREON 113	2.317	2.096	9.5	91	0.00	6.59- 7.01
21	m	TRANS-1,2-DICHLOROETHY	0.894	0.960	-7.4	100	0.00	7.26- 7.67
22	m	TERTIARY BUTYL ALCOHOL	1.573	1.677	-6.6	98	0.00	6.17- 6.69
23	m	METHYL TERTIARY BUTYL	2.070	1.977	4.5	90	0.00	7.50- 7.92
24	m	TETRAHYDROFURAN	0.624	0.562	9.9	80	0.00	9.00- 9.29
		----------	True	Calc.	% Drift	----------		
25	m	HEXANE	10.000	7.939	20.6	75	0.00	8.46- 8.87
		----------	AvgRF	CCRF	% Dev	----------		
26	m	VINYL ACETATE	1.501	1.436	4.3	94	0.00	7.61- 7.96
27	m	1,1-DICHLOROETHANE	1.477	1.576	-6.7	102	0.00	7.46- 7.87
28	m	METHYL ETHYL KETONE	1.356	1.234	9.0	86	0.00	7.79- 8.27
29	m	cis-1,2-DICHLOROETHYLE	0.790	0.808	-2.3	94	0.00	8.26- 8.68
30	m	ETHYL ACETATE	2.643	2.040	22.8	80	0.00	8.45- 8.87

Continuing Calibration Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ214-CC214
Lab FileID: Q3984A.D

31	m	CHLOROFORM	2.044	2.087	-2.1	95	0.00	8.54- 8.96
32	m	1,1,1-TRICHLOROETHANE	2.064	2.182	-5.7	99	0.00	9.50- 9.92
33	m	CARBON TETRACHLORIDE	2.419	2.708	-11.9	101	0.00	10.09-10.50
34	m	1,2-DICHLOROETHANE	1.200	1.223	-1.9	96	0.00	9.26- 9.67
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	90	0.00	10.26-10.67
36	m	BENZENE	0.461	0.423	8.2	86	0.00	9.94-10.36
37	m	CYCLOHEXANE	0.197	0.197	0.0	89	0.00	10.21-10.62
38	m	TRICHLOROETHYLENE	0.258	0.261	-1.2	94	0.00	10.99-11.30
39	m	1,2-DICHLOROPROPANE	0.156	0.145	7.1	86	0.00	10.72-11.13
40	m	BROMODICHLOROMETHANE	0.410	0.419	-2.2	95	0.00	10.95-11.26
41	m	2,2,4-TRIMETHYLPENTANE	0.704	0.715	-1.6	92	0.00	10.96-11.37
42	m	1,4-DIOXANE	0.091	0.086	5.5	87	0.00	10.87-11.40
43	m	HEPTANE	0.258	0.256	0.8	90	0.00	11.25-11.56
44	m	METHYL ISOBUTYL KETONE	0.331	0.315	4.8	86	0.00	11.76-12.20
45	m	cis-1,3-DICHLOROPROPEN	0.239	0.241	-0.8	92	0.00	11.76-12.17
46	m	TOLUENE	0.333	0.295	11.4	83	0.00	12.72-13.13
47	m	trans-1,3-DICHLOROPROP	0.219	0.194	11.4	79	0.00	12.31-12.62
48	m	1,1,2-TRICHLOROETHANE	0.172	0.158	8.1	86	0.00	12.46-12.82
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	89	0.00	14.55-14.86
50	m	2-HEXANONE	0.322	0.301	6.5	85	0.00	12.95-13.35
51	m	TETRACHLOROETHYLENE	0.334	0.329	1.5	91	0.00	13.85-14.26
52	m	DIBROMOCHLOROMETHANE	0.457	0.471	-3.1	91	0.00	13.17-13.53
53	m	1,2-DIBROMOETHANE	0.366	0.342	6.6	88	0.00	13.44-13.75
54	m	CHLOROBENZENE	0.529	0.492	7.0	86	0.00	14.60-14.91
55	m	ETHYLBENZENE	0.835	0.792	5.1	83	0.00	14.95-15.31
56	m	m,p-XYLENE	0.316	0.309	2.2	85	0.00	15.15-15.51
57	m	o-XYLENE	0.321	0.313	2.5	85	0.00	15.64-16.01
58	m	STYRENE	0.450	0.460	-2.2	85	0.00	15.55-15.86
59	m	NONANE	0.410	0.418	-2.0	88	0.00	15.87-16.18
		----------	True	Calc.	% Drift		----------	
60	m	BROMOFORM	10.000	9.823	1.8	88	0.00	15.27-15.58
		----------	AvgRF	CCRF	% Dev		----------	
61	S	4-BROMOFLUOROBENZENE	0.734	0.792	-7.9	93	0.00	16.17-16.48
62	m	1,1,2,2-TETRACHLOROETH	0.503	0.487	3.2	89	0.00	15.66-15.97
63	m	ISOPROPYLBENZENE	0.984	0.975	0.9	87	0.00	16.31-16.62
64	m	2-CHLOROTOLUENE	0.707	0.718	-1.6	89	0.00	16.81-17.22
65	m	4-ETHYLTOLUENE	0.881	0.860	2.4	82	0.00	17.08-17.34
66	m	1,3,5-TRIMETHYLBENZENE	0.855	0.873	-2.1	88	0.00	17.16-17.42
67	m	1,2,4-TRIMETHYLBENZENE	0.788	0.846	-7.4	92	0.00	17.60-17.91
68	m	m-DICHLOROBENZENE	0.551	0.562	-2.0	92	0.00	17.78-18.11
		----------	True	Calc.	% Drift		----------	
69	m	BENZYL CHLORIDE	10.000	10.142	-1.4	92	0.00	17.76-18.07
		----------	AvgRF	CCRF	% Dev		----------	
70	m	p-DICHLOROBENZENE	0.532	0.565	-6.2	92	0.00	17.89-18.13
71	m	o-DICHLOROBENZENE	0.525	0.515	1.9	91	0.00	18.25-18.56
		----------	True	Calc.	% Drift		----------	
72	m	HEXACHLOROBUTADIENE	10.000	14.094	-40.9#	113	0.00	20.59-21.00
73	m	1,2,4-TRICHLOROBENZENE	10.000	13.186	-31.9#	113	0.00	20.10-20.51
		----------	AvgRF	CCRF	% Dev		----------	
74	m	NAPHTHALENE		----------NA----------				
75		2-METHYLNAPHTHALENE		----------NA----------				
76		1-METHYLNAPHTHALENE		----------NA----------				

Continuing Calibration Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ214-CC214
Lab FileID: Q3984A.D

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   (#) = Out of Range                SPCC's out = 0  CCC's out = 0
    Q3979.D    Q071607T.m       Tue Jul 17 14:06:51 2007   RPT1
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Initial Calibration Verification

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ214-ICV214
Lab FileID: Q3984.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Q3984.D Vial: 3
Acq On : 17 Jul 2007 8:45 am Operator: danat
Sample : icv214-10 (M209) Inst : MAMSQ
Misc : MS13893, MSQ214,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\msdchem\1\METHODS\Q071607T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Tue Jul 17 08:27:00 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	90	0.00	8.43- 8.84
2	m	DICHLORODIFLUOROMETHAN	3.382	3.665	-8.4	106	0.00	3.83- 4.24
3	m	PROPYLENE	0.528	0.555	-5.1	90	0.00	3.76- 4.17
4	m	FREON 114	3.132	3.364	-7.4	102	0.00	4.09- 4.50
5	m	CHLOROMETHANE	0.725	0.769	-6.1	99	0.00	4.00- 4.41
6	m	VINYL CHLORIDE	0.853	0.905	-6.1	98	0.00	4.21- 4.63
7	m	1,3-BUTADIENE	0.695	0.745	-7.2	100	0.00	4.35- 4.77
8	m	BROMOMETHANE	0.963	1.045	-8.5	99	0.00	4.63- 5.04
9	m	CHLOROETHANE	0.338	0.385	-13.9	96	0.00	4.80- 5.22
10	m	TRICHLOROFLUOROMETHANE	3.317	3.787	-14.2	112	0.00	5.58- 5.99
		----------	True	Calc.	% Drift	----------		
11	m	ISOPROPYL ALCOHOL	10.000	9.677	3.2	93	0.00	5.59- 6.06
12	m	ACETONE	10.000	8.199	18.0	80	0.00	5.39- 5.80
		----------	AvgRF	CCRF	% Dev	----------		
13	m	PENTANE	0.727	0.836	-15.0	109	0.00	5.99- 6.30
14	m	1,1-DICHLOROETHYLENE	0.932	0.975	-4.6	98	0.00	6.22- 6.63
15	m	CARBON DISULFIDE	2.346	2.727	-16.2	108	0.00	6.65- 7.06
16	m	ETHANOL	0.248	0.201	19.0	85	0.00	4.86- 5.33
17	m	BROMOETHENE	0.961	1.033	-7.5	100	0.00	5.16- 5.58
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	7.273	27.3	71	0.00	6.39- 6.69
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	0.700	0.778	-11.1	108	0.00	6.45- 6.87
20	m	FREON 113	2.317	2.096	9.5	91	0.00	6.59- 7.01
21	m	TRANS-1,2-DICHLOROETHY	0.894	0.960	-7.4	100	0.00	7.26- 7.67
22	m	TERTIARY BUTYL ALCOHOL	1.573	1.677	-6.6	98	0.00	6.17- 6.69
23	m	METHYL TERTIARY BUTYL	2.070	1.977	4.5	90	0.00	7.50- 7.92
24	m	TETRAHYDROFURAN	0.624	0.562	9.9	80	0.00	9.00- 9.29
		----------	True	Calc.	% Drift	----------		
25	m	HEXANE	10.000	7.939	20.6	75	0.00	8.46- 8.87
		----------	AvgRF	CCRF	% Dev	----------		
26	m	VINYL ACETATE	1.501	1.436	4.3	94	0.00	7.61- 7.96
27	m	1,1-DICHLOROETHANE	1.477	1.576	-6.7	102	0.00	7.46- 7.87
28	m	METHYL ETHYL KETONE	1.356	1.234	9.0	86	0.00	7.79- 8.27
29	m	cis-1,2-DICHLOROETHYLE	0.790	0.808	-2.3	94	0.00	8.26- 8.68
30	m	ETHYL ACETATE	2.643	2.040	22.8	80	0.00	8.45- 8.87

Initial Calibration Verification

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ214-ICV214
Lab FileID: Q3984.D

31	m	CHLOROFORM	2.044	2.087	-2.1	95	0.00	8.54- 8.96
32	m	1,1,1-TRICHLOROETHANE	2.064	2.182	-5.7	99	0.00	9.50- 9.92
33	m	CARBON TETRACHLORIDE	2.419	2.708	-11.9	101	0.00	10.09-10.50
34	m	1,2-DICHLOROETHANE	1.200	1.223	-1.9	96	0.00	9.26- 9.67
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	90	0.00	10.26-10.67
36	m	BENZENE	0.461	0.423	8.2	86	0.00	9.94-10.36
37	m	CYCLOHEXANE	0.197	0.197	0.0	89	0.00	10.21-10.62
38	m	TRICHLOROETHYLENE	0.258	0.261	-1.2	94	0.00	10.99-11.30
39	m	1,2-DICHLOROPROPANE	0.156	0.145	7.1	86	0.00	10.72-11.13
40	m	BROMODICHLOROMETHANE	0.410	0.419	-2.2	95	0.00	10.95-11.26
41	m	2,2,4-TRIMETHYLPENTANE	0.704	0.715	-1.6	92	0.00	10.96-11.37
42	m	1,4-DIOXANE	0.091	0.086	5.5	87	0.00	10.87-11.40
43	m	HEPTANE	0.258	0.256	0.8	90	0.00	11.25-11.56
44	m	METHYL ISOBUTYL KETONE	0.331	0.315	4.8	86	0.00	11.76-12.20
45	m	cis-1,3-DICHLOROPROPEN	0.239	0.241	-0.8	92	0.00	11.76-12.17
46	m	TOLUENE	0.333	0.295	11.4	83	0.00	12.72-13.13
47	m	trans-1,3-DICHLOROPROP	0.219	0.194	11.4	79	0.00	12.31-12.62
48	m	1,1,2-TRICHLOROETHANE	0.172	0.158	8.1	86	0.00	12.46-12.82
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	89	0.00	14.55-14.86
50	m	2-HEXANONE	0.322	0.301	6.5	85	0.00	12.95-13.35
51	m	TETRACHLOROETHYLENE	0.334	0.329	1.5	91	0.00	13.85-14.26
52	m	DIBROMOCHLOROMETHANE	0.457	0.471	-3.1	91	0.00	13.17-13.53
53	m	1,2-DIBROMOETHANE	0.366	0.342	6.6	88	0.00	13.44-13.75
54	m	CHLOROBENZENE	0.529	0.492	7.0	86	0.00	14.60-14.91
55	m	ETHYLBENZENE	0.835	0.792	5.1	83	0.00	14.95-15.31
56	m	m,p-XYLENE	0.316	0.309	2.2	85	0.00	15.15-15.51
57	m	o-XYLENE	0.321	0.313	2.5	85	0.00	15.64-16.01
58	m	STYRENE	0.450	0.460	-2.2	85	0.00	15.55-15.86
59	m	NONANE	0.410	0.418	-2.0	88	0.00	15.87-16.18
		----------	True	Calc.	% Drift		----------	
60	m	BROMOFORM	10.000	9.823	1.8	88	0.00	15.27-15.58
		----------	AvgRF	CCRF	% Dev		----------	
61	S	4-BROMOFLUOROBENZENE	0.734	0.792	-7.9	93	0.00	16.17-16.48
62	m	1,1,2,2-TETRACHLOROETH	0.503	0.487	3.2	89	0.00	15.66-15.97
63	m	ISOPROPYLBENZENE	0.984	0.975	0.9	87	0.00	16.31-16.62
64	m	2-CHLOROTOLUENE	0.707	0.718	-1.6	89	0.00	16.81-17.22
65	m	4-ETHYLTOLUENE	0.881	0.860	2.4	82	0.00	17.08-17.34
66	m	1,3,5-TRIMETHYLBENZENE	0.855	0.873	-2.1	88	0.00	17.16-17.42
67	m	1,2,4-TRIMETHYLBENZENE	0.788	0.846	-7.4	92	0.00	17.60-17.91
68	m	m-DICHLOROBENZENE	0.551	0.562	-2.0	92	0.00	17.78-18.11
		----------	True	Calc.	% Drift		----------	
69	m	BENZYL CHLORIDE	10.000	10.142	-1.4	92	0.00	17.76-18.07
		----------	AvgRF	CCRF	% Dev		----------	
70	m	p-DICHLOROBENZENE	0.532	0.565	-6.2	92	0.00	17.89-18.13
71	m	o-DICHLOROBENZENE	0.525	0.515	1.9	91	0.00	18.25-18.56
		----------	True	Calc.	% Drift		----------	
72	m	HEXACHLOROBUTADIENE	10.000	14.094	-40.9#	113	0.00	20.59-21.00
73	m	1,2,4-TRICHLOROBENZENE	10.000	13.186	-31.9#	113	0.00	20.10-20.51
		----------	AvgRF	CCRF	% Dev		----------	
74	m	NAPHTHALENE		----------NA----------				
75		2-METHYLNAPHTHALENE		----------NA----------				
76		1-METHYLNAPHTHALENE		----------NA----------				

Initial Calibration Verification

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ214-ICV214
Lab FileID: Q3984.D

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   (#) = Out of Range                SPCC's out = 0  CCC's out = 0
    Q3979.D    Q071607T.m       Tue Jul 17 14:05:47 2007   RPT1
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Initial Calibration Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ227-ICC227
Lab FileID: Q4265.D

Response Factor Report MAMSQ

Method : C:\msdchem\1\METHODS\Q081307T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Aug 13 15:27:19 2007
Response via : Initial Calibration

Calibration Files
.2 =Q4262.D .5 =Q4261.D 2 =Q4267.D
5 =Q4266.D 10 =Q4265.D 20 =Q4264.D 40 =Q4269.D

Compound	.2	.5	2	5	10	20	40	Avg	%RSD
1) I BROMOCHLOROMETHANE	----------ISTD----------								
2)m DICHLORODIFLUOROM	6.486	7.386	5.174	5.061	4.565	5.348	5.278	5.614	17.34
3)m PROPYLENE	0.778	1.158	0.760	0.703	0.536	0.659	0.762	0.765	25.17
4)m FREON 114	5.931	5.983	4.597	4.502	3.735	5.182	5.446	5.054	16.27
5)m CHLOROMETHANE	1.417	1.355	1.232	1.150	0.782	1.108	1.183	1.175	17.50
6)m VINYL CHLORIDE	1.292	1.585	1.397	1.368	1.025	1.404	1.456	1.361	12.73
7)m 1,3-BUTADIENE	1.009	1.324	1.249	1.122	0.863	1.133	1.177	1.125	13.57
8)m BROMOMETHANE	1.698	1.832	1.415	1.463	1.194	1.568	1.614	1.541	13.45
9)m CHLOROETHANE	0.609	0.631	0.616	0.626	0.483	0.640	0.645	0.607	9.25
10)m TRICHLOROFLUOROME	6.492	7.630	5.317	5.834	4.880	5.934	5.771	5.980	14.80
11)m ISOPROPYL ALCOHOL	2.712	3.280	2.423	3.115	1.939	2.336	2.435	2.606	17.90
12)m ACETONE	9.028	7.657	2.556	3.066	1.823	2.108	2.366	4.087	72.42
----- Quadratic regression ----- Coefficient = 0.9963									
Response Ratio = 0.27312 + 1.62348 *A + 0.16846 *A^2									
13)m PENTANE	1.741	2.038	1.564	1.809	1.166	1.405	1.487	1.602	17.95
14)m 1,1-DICHLOROETHYL	1.345	1.758	1.323	1.602	1.357	1.655	1.662	1.529	11.86
15)m CARBON DISULFIDE	4.830	5.753	4.370	5.282	4.252	4.822	4.835	4.878	10.54
16)m ETHANOL	0.764	0.875	0.539	0.650	0.354	0.427	0.477	0.584	32.20
----- Quadratic regression ----- Coefficient = 0.9942									
Response Ratio = 0.03957 + 0.34644 *A + 0.03002 *A^2									
17)m BROMOETHENE	1.257	1.590	1.304	1.377	1.190	1.509	1.575	1.400	11.41
18)m METHYLENE CHLORID	5.506	5.252	1.427	1.495	1.209	1.474	1.459	2.546	76.15
----- Linear regression (equal Weighting)----- Coefficient = 0.9962									
Response Ratio = 0.02969 + 1.44040 *A									
19)m 3-CHLOROPROPENE	1.754	1.973	1.498	1.880	1.667	2.006	2.050	1.833	11.03
20)m FREON 113	3.542	3.839	2.398	2.748	2.545	3.139	3.036	3.035	17.24
21)m TRANS-1,2-DICHLOR	1.392	1.762	1.304	1.334	1.398	1.690	1.320	1.457	12.91
22)m TERTIARY BUTYL AL	2.663	3.430	3.119	3.997	3.024	3.519	1.606	3.051	25.04
23)m METHYL TERTIARY B	2.872	3.640	3.198	3.678	3.852	4.362	3.626	3.604	13.13
24)m TETRAHYDROFURAN	0.500	0.696	0.812	1.198	0.852	0.907	0.995	0.851	25.95
25)m HEXANE	1.830	2.162	1.510	1.983	1.554	1.609	1.693	1.763	13.66
26)m VINYL ACETATE	2.544	3.162	2.712	3.013	3.246	3.550	2.808	3.005	11.50
27)m 1,1-DICHLOROETHAN	3.430	3.658	2.672	2.843	3.220	3.604	2.594	3.146	14.09
28)m METHYL ETHYL KETO	1.798	2.553	2.154	2.743	2.223	2.203	2.180	2.265	13.41
29)m cis-1,2-DICHLOROE	0.819	1.033	0.872	1.175	1.064	1.295	1.352	1.087	18.50
30)m ETHYL ACETATE	3.105	3.908	3.271	4.209	3.067	3.150	3.417	3.447	12.84
31)m CHLOROFORM	3.751	4.361	3.100	3.770	3.299	3.683	3.692	3.665	10.90
32)m 1,1,1-TRICHLOROET	3.650	4.319	3.022	3.826	3.525	4.090	4.036	3.781	11.38
33)m CARBON TETRACHLOR	4.501	5.188	3.602	4.475	4.195	4.622	4.385	4.424	10.77
34)m 1,2-DICHLOROETHAN	1.896	2.477	1.954	2.556	2.180	2.531	2.601	2.314	12.92
35) I 1,4-DIFLUOROBENZENE	----------ISTD----------								
36)m BENZENE	0.459	0.665	0.545	0.706	0.585	0.721	0.744	0.632	16.70

Initial Calibration Summary

Job Number: M66975 **Sample:** MSQ227-ICC227
Account: GEI GEI Consultants, Inc. **Lab FileID:** Q4265.D
Project: GEI Tufts Street Somerville MA

```
37)m CYCLOHEXANE       0.159 0.245 0.241 0.331 0.275 0.311 0.309 0.267  22.02
38)m TRICHLOROETHYLENE 0.305 0.427 0.333 0.427 0.374 0.444 0.456 0.395  14.84
39)m 1,2-DICHLOROPROPA 0.190 0.260 0.201 0.252 0.191 0.223 0.241 0.223  13.11
40)m BROMODICHLOROMETH 0.713 0.891 0.611 0.769 0.697 0.838 0.826 0.764  12.65
41)m 2,2,4-TRIMETHYLPE 0.734 1.101 1.010 1.260 1.055 1.222 1.278 1.094  17.35
42)m 1,4-DIOXANE       0.071 0.135 0.108 0.154 0.123 0.150 0.162 0.129  24.45
43)m HEPTANE           0.228 0.349 0.312 0.447 0.372 0.422 0.430 0.366  21.15
44)m METHYL ISOBUTYL K 0.268 0.408 0.464 0.681 0.515 0.570 0.617 0.503  27.51
45)m cis-1,3-DICHLOROP 0.177 0.261 0.247 0.372 0.320 0.401 0.451 0.318  30.27
         ----- Quadratic regression -----  Coefficient =  0.9991
              Response Ratio = -0.00880 + 0.33669 *A + 0.02933 *A^2

46)m TOLUENE           0.200 0.342 0.296 0.459 0.390 0.490 0.547 0.389  30.92
         ----- Quadratic regression -----  Coefficient =  0.9990
              Response Ratio = -0.01072 + 0.41310 *A + 0.03443 *A^2

47)m trans-1,3-DICHLOR 0.130 0.188 0.218 0.346 0.313 0.388 0.446 0.290  39.44
         ----- Quadratic regression -----  Coefficient =  0.9994
              Response Ratio = -0.01076 + 0.32106 *A + 0.03197 *A^2

48)m 1,1,2-TRICHLOROET 0.222 0.298 0.222 0.281 0.209 0.253 0.277 0.252  13.78

49) I   CHLOROBENZENE-D5      ----------------ISTD---------------------
50)m 2-HEXANONE        0.213 0.358 0.407 0.657 0.517 0.610 0.601 0.480  33.51
         ----- Quadratic regression -----  Coefficient =  0.9983
              Response Ratio = -0.01647 + 0.59690 *A + 0.00231 *A^2

51)m TETRACHLOROETHYLE 0.342 0.453 0.310 0.391 0.375 0.507 0.515 0.413  19.37
52)m DIBROMOCHLOROMETH 0.628 0.819 0.590 0.733 0.685 0.899 0.881 0.748  16.29
53)m 1,2-DIBROMOETHANE 0.318 0.475 0.395 0.517 0.436 0.544 0.577 0.466  19.38
54)m CHLOROBENZENE     0.562 0.669 0.613 0.770 0.635 0.797 0.833 0.697  14.80
55)m ETHYLBENZENE      0.493 0.752 0.806 1.296 1.097 1.362 1.476 1.040  35.07
         ----- Quadratic regression -----  Coefficient =  0.9989
              Response Ratio = -0.03886 + 1.19714 *A + 0.07288 *A^2

56)m m,p-XYLENE        0.160 0.135 0.330 0.475 0.408 0.511 0.552 0.367  45.36
         ----- Quadratic regression -----  Coefficient =  0.9989
              Response Ratio = -0.03383 + 0.45060 *A + 0.01337 *A^2

57)m o-XYLENE          0.150 0.260 0.316 0.468 0.408 0.532 0.561 0.385  39.10
         ----- Quadratic regression -----  Coefficient =  0.9982
              Response Ratio = -0.02146 + 0.47157 *A + 0.02416 *A^2

58)m STYRENE           0.079 0.182 0.313 0.584 0.537 0.726 0.779 0.457  59.07
         ----- Quadratic regression -----  Coefficient =  0.9980
              Response Ratio = -0.04220 + 0.63232 *A + 0.03997 *A^2

59)m NONANE            0.283 0.465 0.519 0.737 0.591 0.751 0.745 0.585  30.15
         ----- Quadratic regression -----  Coefficient =  0.9976
              Response Ratio = -0.02447 + 0.70882 *A + 0.01125 *A^2

60)m BROMOFORM         0.485 0.657 0.476 0.638 0.603 0.838 0.867 0.652  23.63
61)S 4-BROMOFLUOROBENZ 0.637 0.650 0.714 0.726 0.818 0.884 0.884 0.759  13.69
62)m 1,1,2,2-TETRACHLO 0.707 0.974 0.684 0.815 0.653 0.823 0.861 0.788  14.42
63)m ISOPROPYLBENZENE  0.726 1.029 1.029 1.413 1.271 1.660 1.747 1.268  29.01
64)m 2-CHLOROTOLUENE   0.458 0.646 0.697 1.067 0.903 1.263 1.313 0.907  35.78
         ----- Quadratic regression -----  Coefficient =  0.9970
              Response Ratio = -0.05982 + 1.10923 *A + 0.05616 *A^2

65)m 4-ETHYLTOLUENE    0.313 0.574 0.808 1.285 1.136 1.582 1.684 1.054  48.58
```

Initial Calibration Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ227-ICC227
Lab FileID: Q4265.D

```
          ----- Quadratic regression -----  Coefficient =  0.9975
               Response Ratio = -0.08256 + 1.36562 *A + 0.08640 *A^2

66)m 1,3,5-TRIMETHYLBE 0.472 0.745 0.895 1.238 1.103 1.502 1.523 1.068  36.54
          ----- Quadratic regression -----  Coefficient =  0.9971
               Response Ratio = -0.07568 + 1.35993 *A + 0.04728 *A^2

67)m 1,2,4-TRIMETHYLBE 0.329 0.542 0.674 1.057 1.041 1.373 1.431 0.921  45.48
          ----- Quadratic regression -----  Coefficient =  0.9980
               Response Ratio = -0.08029 + 1.23181 *A + 0.05628 *A^2

68)m m-DICHLOROBENZENE 0.183 0.321 0.491 0.600 0.562 0.765 0.817 0.534  42.49
          ----- Quadratic regression -----  Coefficient =  0.9979
               Response Ratio = -0.03489 + 0.65777 *A + 0.04286 *A^2

69)m BENZYL CHLORIDE   0.076 0.217 0.462 0.655 0.649 0.894 0.986 0.563  59.49
          ----- Quadratic regression -----  Coefficient =  0.9982
               Response Ratio = -0.04988 + 0.74709 *A + 0.06388 *A^2

70)m p-DICHLOROBENZENE 0.095 0.200 0.461 0.549 0.529 0.713 0.756 0.472  52.17
          ----- Quadratic regression -----  Coefficient =  0.9980
               Response Ratio = -0.03606 + 0.62220 *A + 0.03639 *A^2

71)m o-DICHLOROBENZENE 0.281 0.405 0.439 0.545 0.522 0.735 0.792 0.531  34.13
          ----- Quadratic regression -----  Coefficient =  0.9975
               Response Ratio = -0.03484 + 0.61716 *A + 0.04674 *A^2

72)m HEXACHLOROBUTADIE 1.513 1.919 0.335 0.342 0.386 0.498       0.832  83.96
          ----- Quadratic regression -----  Coefficient =  0.9962
               Response Ratio = 0.04617 + 0.18768 *A + 0.14401 *A^2

73)m 1,2,4-TRICHLOROBE       0.097 0.099 0.136 0.170 0.254 0.245 0.167  41.62
          ----- Quadratic regression -----  Coefficient =  0.9933
               Response Ratio = -0.03499 + 0.24804 *A + 0.00182 *A^2

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

          Q081307T.m        Tue Aug 14 15:08:41 2007   RPT1
```

Initial Calibration Verification

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ227-ICV227
Lab FileID: Q4273A.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Q4273a.D Vial: 3
Acq On : 14 Aug 2007 8:57 am Operator: danat
Sample : icv227-10 (M164) Inst : MAMSQ
Misc : MS14080, MSQ227,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\msdchem\1\METHODS\Q081307T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Aug 13 15:27:19 2007
Response via : Multiple Level Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	RT Window
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	87	0.00	8.43- 8.84
2	m	DICHLORODIFLUOROMETHAN	5.614	6.061	-8.0	116	0.00	3.83- 4.24
3	m	PROPYLENE	0.765	0.651	14.9	106	0.00	3.76- 4.17
4	m	FREON 114	5.054	4.735	6.3	110	0.00	4.09- 4.50
5	m	CHLOROMETHANE	1.175	1.084	7.7	121	0.00	3.99- 4.41
6	m	VINYL CHLORIDE	1.361	1.363	-0.1	116	0.00	4.22- 4.63
7	m	1,3-BUTADIENE	1.125	1.182	-5.1	119	0.00	4.35- 4.76
8	m	BROMOMETHANE	1.541	1.443	6.4	105	0.00	4.63- 5.04
9	m	CHLOROETHANE	0.607	0.635	-4.6	114	0.00	4.80- 5.21
10	m	TRICHLOROFLUOROMETHANE	5.980	6.331	-5.9	113	0.00	5.58- 5.99
11	m	ISOPROPYL ALCOHOL	2.606	2.368	9.1	106	0.00	5.59- 6.06
		----------	True	Calc.	% Drift	----------		
12	m	ACETONE	10.000	11.728	-17.3	115	0.00	5.39- 5.80
		----------	AvgRF	CCRF	% Dev	----------		
13	m	PENTANE	1.602	1.511	5.7	113	0.00	5.99- 6.30
14	m	1,1-DICHLOROETHYLENE	1.529	1.515	0.9	97	0.00	6.22- 6.64
15	m	CARBON DISULFIDE	4.878	5.073	-4.0	104	0.00	6.65- 7.06
		----------	True	Calc.	% Drift	----------		
16	m	ETHANOL	10.000	7.846	21.5	81	0.00	4.87- 5.33
		----------	AvgRF	CCRF	% Dev	----------		
17	m	BROMOETHENE	1.400	1.393	0.5	102	0.00	5.16- 5.58
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	9.795	2.1	104	0.00	6.39- 6.69
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	1.833	2.133	-16.4	111	0.00	6.45- 6.86
20	m	FREON 113	3.035	2.813	7.3	96	0.00	6.59- 7.00
21	m	TRANS-1,2-DICHLOROETHY	1.457	1.652	-13.4	103	0.00	7.26- 7.67
22	m	TERTIARY BUTYL ALCOHOL	3.051	3.305	-8.3	95	0.00	6.16- 6.68
23	m	METHYL TERTIARY BUTYL	3.604	3.897	-8.1	88	0.00	7.50- 7.91
24	m	TETRAHYDROFURAN	0.851	0.932	-9.5	95	0.00	8.99- 9.28
25	m	HEXANE	1.763	1.699	3.6	95	0.00	8.46- 8.87
26	m	VINYL ACETATE	3.005	3.095	-3.0	83	0.00	7.61- 7.96
27	m	1,1-DICHLOROETHANE	3.146	3.740	-18.9	101	0.00	7.45- 7.87
28	m	METHYL ETHYL KETONE	2.265	2.333	-3.0	91	0.00	7.78- 8.27
29	m	cis-1,2-DICHLOROETHYLE	1.087	1.290	-18.7	106	0.00	8.26- 8.67
30	m	ETHYL ACETATE	3.447	3.760	-9.1	107	0.00	8.45- 8.87

Initial Calibration Verification

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ227-ICV227
Lab FileID: Q4273A.D

31	m	CHLOROFORM	3.665	4.084	-11.4	108	0.00	8.54- 8.96
32	m	1,1,1-TRICHLOROETHANE	3.781	4.387	-16.0	108	0.00	9.50- 9.91
33	m	CARBON TETRACHLORIDE	4.424	4.876	-10.2	101	0.00	10.08-10.49
34	m	1,2-DICHLOROETHANE	2.314	2.810	-21.4	112	0.00	9.25- 9.66
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	89	0.00	10.25-10.66
36	m	BENZENE	0.632	0.749	-18.5	114	0.00	9.94-10.35
37	m	CYCLOHEXANE	0.267	0.303	-13.5	98	0.00	10.21-10.62
38	m	TRICHLOROETHYLENE	0.395	0.454	-14.9	108	0.00	10.99-11.30
39	m	1,2-DICHLOROPROPANE	0.223	0.240	-7.6	112	0.00	10.71-11.13
40	m	BROMODICHLOROMETHANE	0.764	0.810	-6.0	103	0.00	10.95-11.26
41	m	2,2,4-TRIMETHYLPENTANE	1.094	1.269	-16.0	107	0.00	10.96-11.37
42	m	1,4-DIOXANE	0.129	0.127	1.6	91	0.00	10.87-11.40
43	m	HEPTANE	0.366	0.425	-16.1	101	0.00	11.25-11.56
44	m	METHYL ISOBUTYL KETONE	0.503	0.525	-4.4	90	0.00	11.76-12.19
		----------	True	Calc.	% Drift		----------	
45	m	cis-1,3-DICHLOROPROPEN	10.000	11.789	-17.9	119	0.00	11.75-12.16
46	m	TOLUENE	10.000	10.592	-5.9	106	0.00	12.71-13.12
47	m	trans-1,3-DICHLOROPROP	10.000	10.017	-0.2	97	0.00	12.30-12.61
		----------	AvgRF	CCRF	% Dev		----------	
48	m	1,1,2-TRICHLOROETHANE	0.252	0.259	-2.8	110	0.00	12.46-12.82
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	90	0.00	14.55-14.86
		----------	True	Calc.	% Drift		----------	
50	m	2-HEXANONE	10.000	8.816	11.8	89	0.00	12.94-13.34
		----------	AvgRF	CCRF	% Dev		----------	
51	m	TETRACHLOROETHYLENE	0.413	0.471	-14.0	113	0.00	13.85-14.26
52	m	DIBROMOCHLOROMETHANE	0.748	0.777	-3.9	102	0.00	13.16-13.52
53	m	1,2-DIBROMOETHANE	0.466	0.540	-15.9	111	0.00	13.44-13.75
54	m	CHLOROBENZENE	0.697	0.773	-10.9	109	0.00	14.59-14.90
		----------	True	Calc.	% Drift		----------	
55	m	ETHYLBENZENE	10.000	10.129	-1.3	102	0.00	14.94-15.30
56	m	m,p-XYLENE	20.000	20.088	-0.4	102	0.00	15.14-15.50
57	m	o-XYLENE	10.000	9.496	5.0	99	0.00	15.64-16.00
58	m	STYRENE	10.000	10.013	-0.1	105	0.00	15.54-15.85
59	m	NONANE	10.000	9.929	0.7	105	0.00	15.87-16.18
		----------	AvgRF	CCRF	% Dev		----------	
60	m	BROMOFORM	0.652	0.659	-1.1	98	0.00	15.26-15.57
61	S	4-BROMOFLUOROBENZENE	0.759	0.804	-5.9	88	0.00	16.17-16.48
62	m	1,1,2,2-TETRACHLOROETH	0.788	0.717	9.0	99	0.00	15.65-15.96
63	m	ISOPROPYLBENZENE	1.268	1.351	-6.5	95	0.00	16.31-16.62
		----------	True	Calc.	% Drift		----------	
64	m	2-CHLOROTOLUENE	10.000	9.568	4.3	105	0.00	16.81-17.22
65	m	4-ETHYLTOLUENE	10.000	8.354	16.5	88	0.00	17.07-17.34
66	m	1,3,5-TRIMETHYLBENZENE	10.000	8.876	11.2	95	0.00	17.16-17.41
67	m	1,2,4-TRIMETHYLBENZENE	10.000	8.869	11.3	91	0.00	17.60-17.91
68	m	m-DICHLOROBENZENE	10.000	9.446	5.5	100	0.00	17.77-18.10
69	m	BENZYL CHLORIDE	10.000	8.518	14.8	87	0.00	17.76-18.07
70	m	p-DICHLOROBENZENE	10.000	9.665	3.4	102	0.00	17.89-18.13
71	m	o-DICHLOROBENZENE	10.000	9.290	7.1	99	0.00	18.24-18.55
72	m	HEXACHLOROBUTADIENE	10.000	9.279	7.2	80	0.00	20.59-21.00
73	m	1,2,4-TRICHLOROBENZENE	10.000	9.285	7.1	104	0.00	20.09-20.51

Initial Calibration Verification

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ227-ICV227
Lab FileID: Q4273A.D

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            ---------------------- 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
    Q4265.D    Q081307T.m       Tue Aug 14 16:34:14 2007   RPT1
```

Continuing Calibration Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ228-CC227
Lab FileID: Q4295.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Q4295.D Vial: 3
Acq On : 15 Aug 2007 9:51 am Operator: danat
Sample : cc227-10 (M164) Inst : MAMSQ
Misc : MS14080, MSQ228,,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\msdchem\1\METHODS\Q081307T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Mon Aug 13 15:27:19 2007
Response via : Multiple Level Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	RT Window
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	94	0.00	8.42- 8.84
2	m	DICHLORODIFLUOROMETHAN	5.614	4.913	12.5	101	0.00	3.83- 4.25
3	m	PROPYLENE	0.765	0.862	-12.7	151#	0.00	3.76- 4.17
4	m	FREON 114	5.054	4.582	9.3	115	0.00	4.09- 4.51
5	m	CHLOROMETHANE	1.175	1.298	-10.5	156#	0.00	3.99- 4.40
6	m	VINYL CHLORIDE	1.361	1.460	-7.3	134	0.00	4.22- 4.63
7	m	1,3-BUTADIENE	1.125	1.159	-3.0	126	0.00	4.35- 4.76
8	m	BROMOMETHANE	1.541	1.505	2.3	118	0.00	4.63- 5.04
9	m	CHLOROETHANE	0.607	0.614	-1.2	119	0.00	4.80- 5.21
10	m	TRICHLOROFLUOROMETHANE	5.980	4.377	26.8	84	0.00	5.58- 5.99
11	m	ISOPROPYL ALCOHOL	2.606	2.016	22.6	98	0.00	5.59- 6.06
		----------	True	Calc.	% Drift	----------		
12	m	ACETONE	10.000	10.233	-2.3	109	0.00	5.39- 5.80
		----------	AvgRF	CCRF	% Dev	----------		
13	m	PENTANE	1.602	1.578	1.5	127	0.00	5.99- 6.30
14	m	1,1-DICHLOROETHYLENE	1.529	1.429	6.5	99	0.00	6.22- 6.63
15	m	CARBON DISULFIDE	4.878	4.739	2.8	105	0.00	6.65- 7.06
		----------	True	Calc.	% Drift	----------		
16	m	ETHANOL	10.000	8.175	18.2	91	0.00	4.86- 5.33
		----------	AvgRF	CCRF	% Dev	----------		
17	m	BROMOETHENE	1.400	1.338	4.4	106	0.00	5.16- 5.57
		----------	True	Calc.	% Drift	----------		
18	m	METHYLENE CHLORIDE	10.000	9.928	0.7	113	0.00	6.39- 6.69
		----------	AvgRF	CCRF	% Dev	----------		
19	m	3-CHLOROPROPENE	1.833	1.340	26.9	76	0.00	6.46- 6.87
20	m	FREON 113	3.035	2.299	24.3	85	0.00	6.59- 7.00
21	m	TRANS-1,2-DICHLOROETHY	1.457	1.411	3.2	95	0.00	7.26- 7.67
22	m	TERTIARY BUTYL ALCOHOL	3.051	2.401	21.3	75	0.00	6.17- 6.68
23	m	METHYL TERTIARY BUTYL	3.604	2.734	24.1	67	0.00	7.50- 7.91
24	m	TETRAHYDROFURAN	0.851	0.876	-2.9	97	0.00	9.00- 9.28
25	m	HEXANE	1.763	1.677	4.9	101	0.00	8.46- 8.87
26	m	VINYL ACETATE	3.005	2.356	21.6	68	0.00	7.61- 7.96
27	m	1,1-DICHLOROETHANE	3.146	2.798	11.1	82	0.00	7.46- 7.87
28	m	METHYL ETHYL KETONE	2.265	1.980	12.6	84	0.00	7.79- 8.27
29	m	cis-1,2-DICHLOROETHYLE	1.087	1.133	-4.2	100	0.00	8.26- 8.68
30	m	ETHYL ACETATE	3.447	3.424	0.7	105	0.00	8.45- 8.87

Continuing Calibration Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ228-CC227
Lab FileID: Q4295.D

31	m	CHLOROFORM	3.665	3.110	15.1	89	0.00	8.54- 8.95
32	m	1,1,1-TRICHLOROETHANE	3.781	2.967	21.5	79	0.00	9.50- 9.91
33	m	CARBON TETRACHLORIDE	4.424	3.419	22.7	77	0.00	10.08-10.49
34	m	1,2-DICHLOROETHANE	2.314	1.940	16.2	84	0.00	9.26- 9.67
35	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	107	0.00	10.25-10.67
36	m	BENZENE	0.632	0.619	2.1	113	0.00	9.94-10.35
37	m	CYCLOHEXANE	0.267	0.276	-3.4	107	0.00	10.21-10.62
38	m	TRICHLOROETHYLENE	0.395	0.357	9.6	102	0.00	10.99-11.30
39	m	1,2-DICHLOROPROPANE	0.223	0.216	3.1	121	0.00	10.71-11.13
40	m	BROMODICHLOROMETHANE	0.764	0.546	28.5	84	0.00	10.95-11.26
41	m	2,2,4-TRIMETHYLPENTANE	1.094	1.071	2.1	108	0.00	10.96-11.37
42	m	1,4-DIOXANE	0.129	0.107	17.1	93	0.00	10.87-11.40
43	m	HEPTANE	0.366	0.362	1.1	104	0.00	11.25-11.56
44	m	METHYL ISOBUTYL KETONE	0.503	0.434	13.7	90	0.00	11.76-12.19
		----------	True	Calc.	% Drift		----------	
45	m	cis-1,3-DICHLOROPROPEN	10.000	9.453	5.5	112	0.00	11.75-12.17
46	m	TOLUENE	10.000	9.284	7.2	110	0.00	12.71-13.13
47	m	trans-1,3-DICHLOROPROP	10.000	7.655	23.4	86	0.00	12.30-12.61
		----------	AvgRF	CCRF	% Dev		----------	
48	m	1,1,2-TRICHLOROETHANE	0.252	0.224	11.1	114	0.00	12.46-12.82
49	I	CHLOROBENZENE-D5	1.000	1.000	0.0	109	0.00	14.55-14.86
		----------	True	Calc.	% Drift		----------	
50	m	2-HEXANONE	10.000	7.076	29.2	86	0.00	12.94-13.34
		----------	AvgRF	CCRF	% Dev		----------	
51	m	TETRACHLOROETHYLENE	0.413	0.375	9.2	109	0.00	13.85-14.26
52	m	DIBROMOCHLOROMETHANE	0.748	0.538	28.1	86	0.00	13.16-13.53
53	m	1,2-DIBROMOETHANE	0.466	0.439	5.8	110	0.00	13.44-13.75
54	m	CHLOROBENZENE	0.697	0.680	2.4	117	0.00	14.59-14.90
		----------	True	Calc.	% Drift		----------	
55	m	ETHYLBENZENE	10.000	8.704	13.0	105	0.00	14.94-15.31
56	m	m,p-XYLENE	20.000	17.933	10.3	109	-0.02	15.12-15.48
57	m	o-XYLENE	10.000	8.682	13.2	108	0.00	15.64-16.00
58	m	STYRENE	10.000	9.088	9.1	115	0.00	15.55-15.86
59	m	NONANE	10.000	8.939	10.6	114	0.00	15.86-16.17
		----------	AvgRF	CCRF	% Dev		----------	
60	m	BROMOFORM	0.652	0.481	26.2	87	0.00	15.26-15.57
61	S	4-BROMOFLUOROBENZENE	0.759	0.799	-5.3	106	0.00	16.17-16.48
62	m	1,1,2,2-TETRACHLOROETH	0.788	0.674	14.5	112	0.00	15.65-15.96
63	m	ISOPROPYLBENZENE	1.268	1.196	5.7	102	0.00	16.31-16.62
		----------	True	Calc.	% Drift		----------	
64	m	2-CHLOROTOLUENE	10.000	8.446	15.5	111	0.00	16.81-17.22
65	m	4-ETHYLTOLUENE	10.000	7.736	22.6	98	0.00	17.07-17.34
66	m	1,3,5-TRIMETHYLBENZENE	10.000	8.001	20.0	103	0.00	17.16-17.42
67	m	1,2,4-TRIMETHYLBENZENE	10.000	8.146	18.5	100	0.00	17.60-17.91
68	m	m-DICHLOROBENZENE	10.000	9.279	7.2	119	0.00	17.77-18.10
69	m	BENZYL CHLORIDE	10.000	7.492	25.1	91	0.00	17.76-18.07
70	m	p-DICHLOROBENZENE	10.000	9.520	4.8	121	0.00	17.89-18.13
71	m	o-DICHLOROBENZENE	10.000	8.653	13.5	111	0.00	18.24-18.55
72	m	HEXACHLOROBUTADIENE	10.000	7.784	22.2	79	0.00	20.59-21.00
73	m	1,2,4-TRICHLOROBENZENE	10.000	8.087	19.1	107	0.00	20.09-20.51

Continuing Calibration Summary

Job Number: M66975
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSQ228-CC227
Lab FileID: Q4295.D

```
            ----------------------- 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
    Q4265.D    Q081307T.m       Fri Aug 17 13:37:12 2007   RPT1
```

GC/MS Volatiles

Raw Data

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4299.D
Acq On : 15 Aug 2007 1:30 pm
Operator : danat
Sample : m66975-1 (M053)
Misc : MS14127, MSQ228,,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 17 13:44:03 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 15:27:19 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.632	128	149469	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.458	114	645875	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.701	117	533234	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.322	95	164632	4.07	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 81.40%

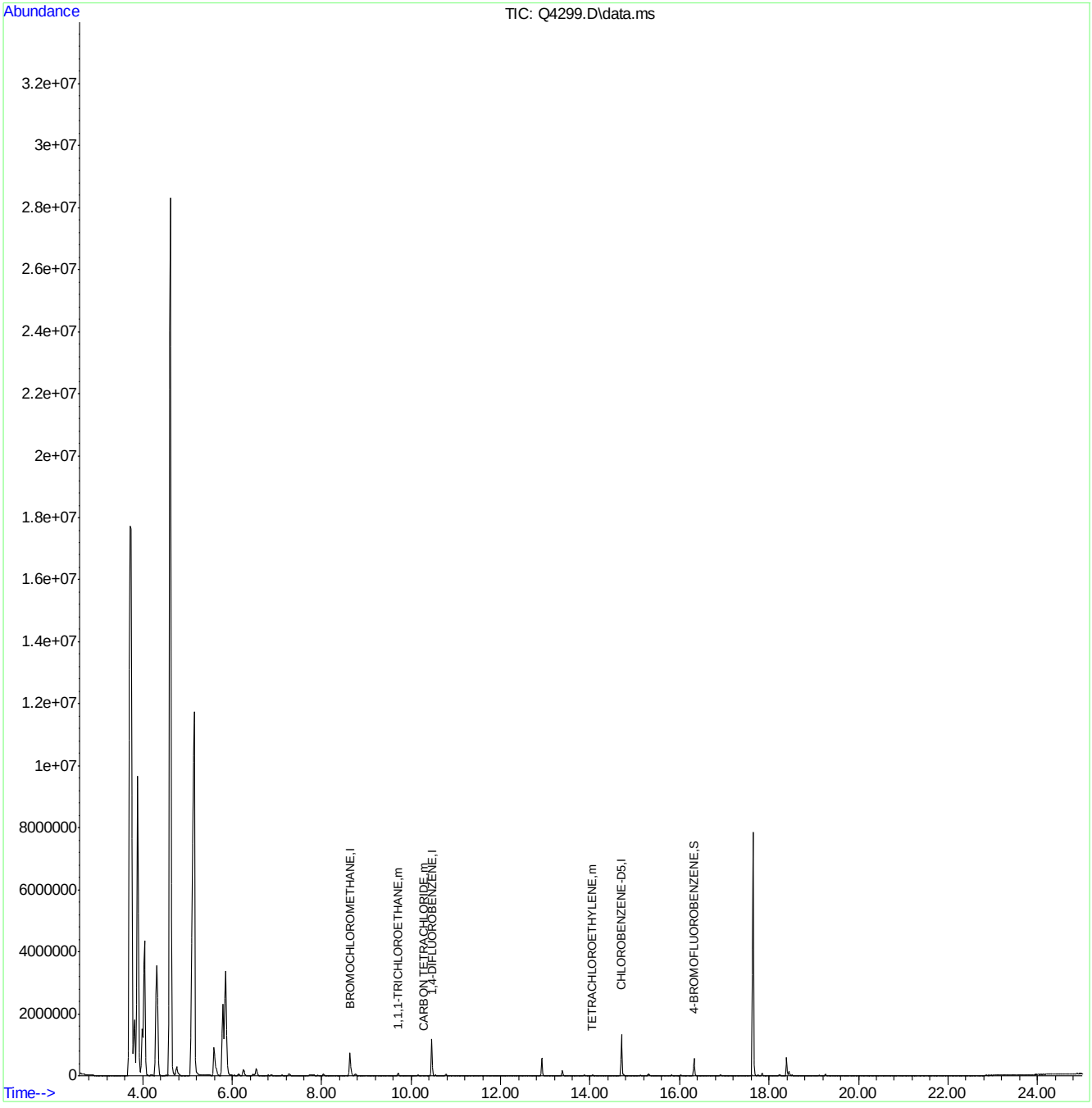
Target Compounds						Qvalue
32) 1,1,1-TRICHLOROETHANE	9.707	97	49938	0.88	PPBV	95
33) CARBON TETRACHLORIDE	10.286	117	6400	0.10	PPBV	92
51) TETRACHLOROETHYLENE	14.053	164	3113	0.14	PPBV	93

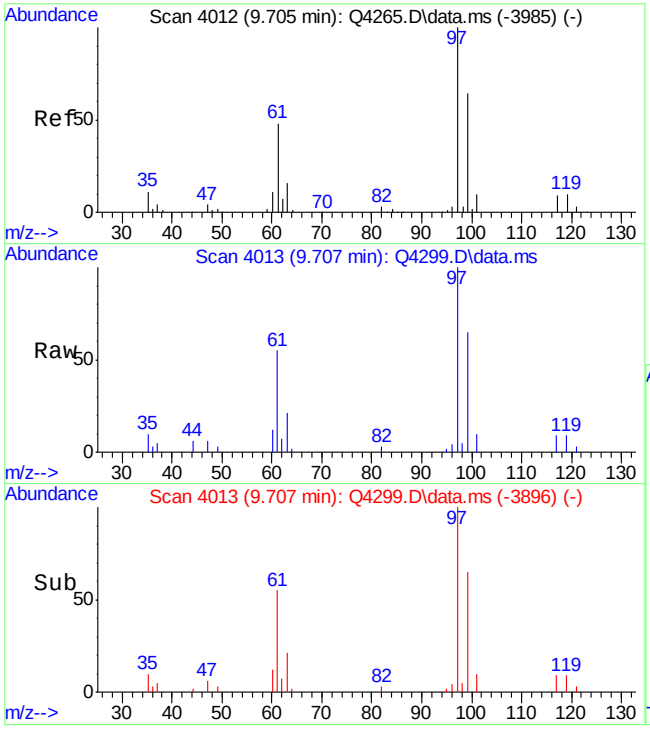
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4299.D
Acq On : 15 Aug 2007 1:30 pm
Operator : danat
Sample : m66975-1 (M053)
Misc : MS14127, MSQ228,,,,,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 17 13:44:03 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 15:27:19 2007
Response via : Initial Calibration

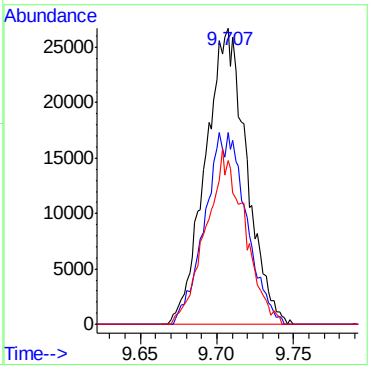


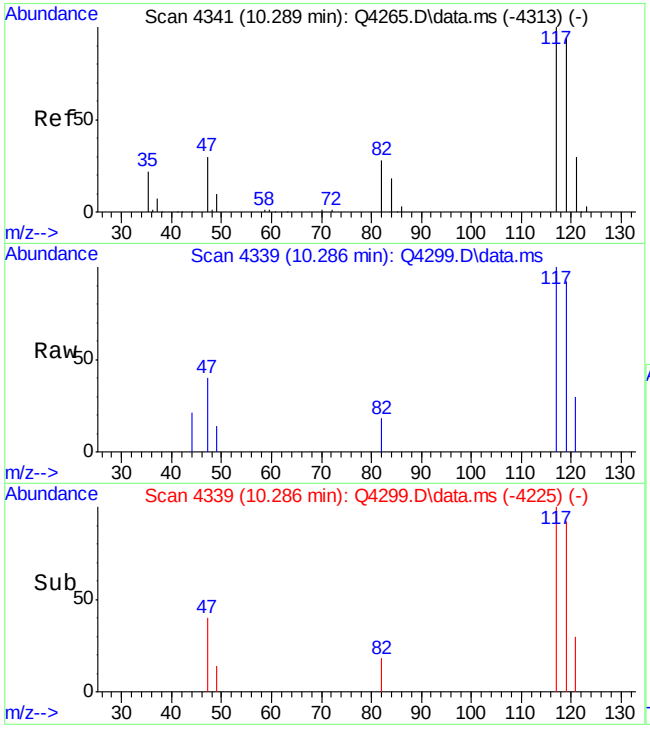


#32
1,1,1-TRICHLOROETHANE
Concen: 0.88 PPBV
RT: 9.707 min Scan# 4013
Delta R.T. 0.002 min
Lab File: Q4299.D
Acq: 15 Aug 2007 1:30 pm

Tgt Ion: 97 Resp: 49938

Ion	Ratio	Lower	Upper
97	100		
99	65.1	43.8	83.8
61	55.4	29.1	69.1

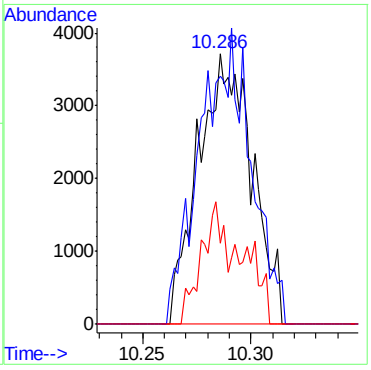




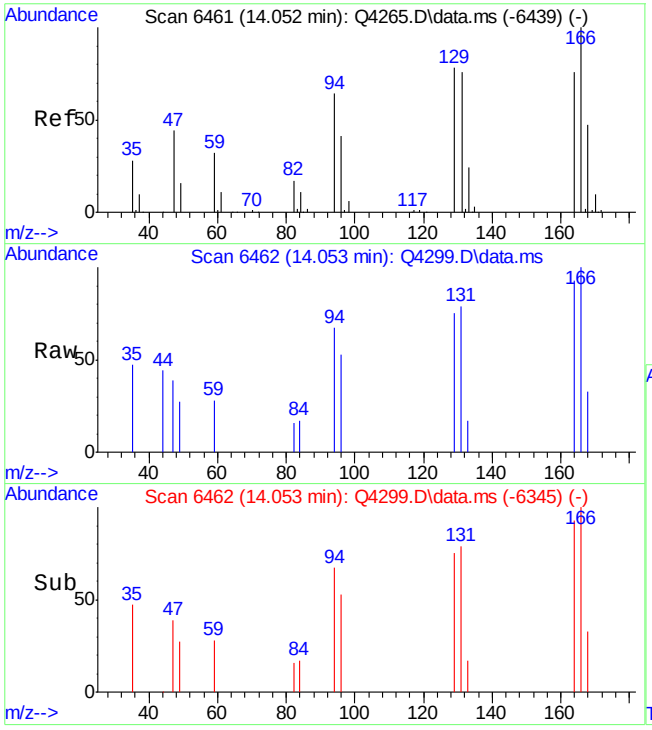
#33
CARBON TETRACHLORIDE
Concen: 0.10 PPBV
RT: 10.286 min Scan# 4339
Delta R.T. -0.004 min
Lab File: Q4299.D
Acq: 15 Aug 2007 1:30 pm

Tgt Ion:117 Resp: 6400

Ion	Ratio	Lower	Upper
117	100		
119	103.4	75.5	115.5
121	33.1	10.0	50.0



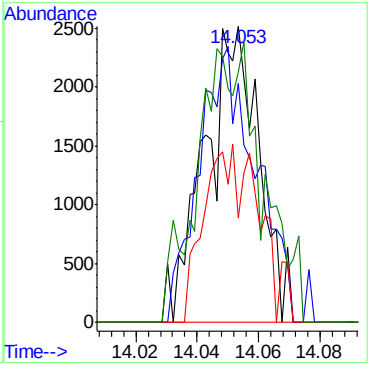
ACCUTEST Laboratories M66975



#51
TETRACHLOROETHYLENE
Concen: 0.14 PPBV
RT: 14.053 min Scan# 6462
Delta R.T. 0.002 min
Lab File: Q4299.D
Acq: 15 Aug 2007 1:30 pm

Tgt Ion:164 Resp: 3113

Ion	Ratio	Lower	Upper
164	100		
129	97.7	84.3	124.3
168	61.6	42.7	82.7
131	110.5	79.9	119.9



ACCUTEST Laboratories M66975

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4300.D
Acq On : 15 Aug 2007 2:13 pm
Operator : danat
Sample : m66975-2 (M076)
Misc : MS14127, MSQ228,,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 17 13:46:55 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 15:27:19 2007
Response via : Initial Calibration

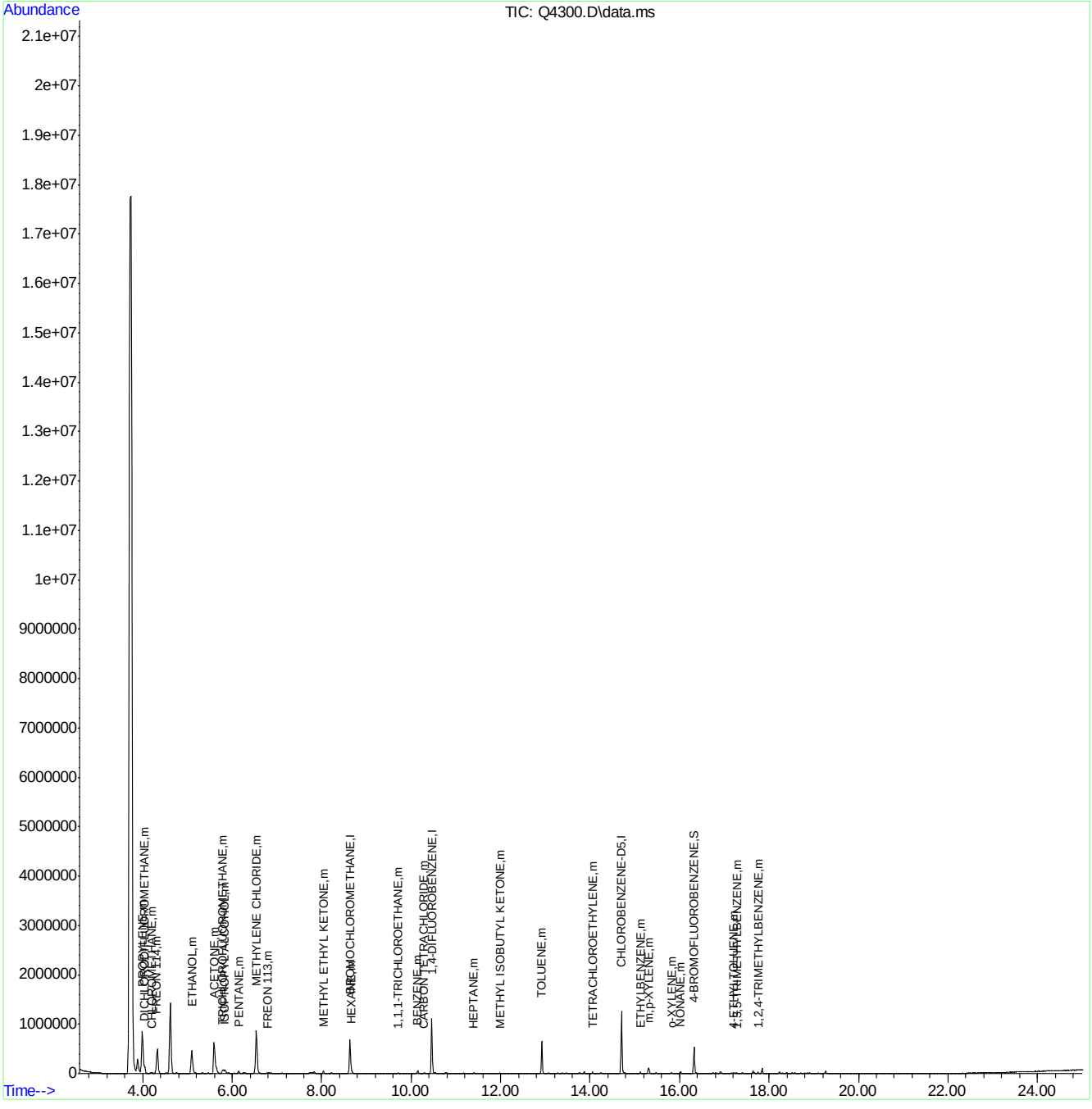
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.632	128	140416	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.456	114	619836	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.701	117	506211	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.323	95	151909	3.95	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 79.00%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.037	85	154989	1.97	PPBV	97
3) PROPYLENE	3.991	41	291676	27.15	PPBV #	44
4) FREON 114	4.299	85	32807	0.46	PPBV	92
5) CHLOROMETHANE	4.195	50	13927	0.84	PPBV	79
10) TRICHLOROFLUOROMETHANE	5.787	101	73409	0.87	PPBV	99
11) ISOPROPYL ALCOHOL	5.829	45	89461	2.44	PPBV	79
12) ACETONE	5.595	43	1021891	32.31	PPBV	99
13) PENTANE	6.147	42	20416	0.91	PPBV	84
16) ETHANOL	5.094	45	662757	79.85	PPBV	98
18) METHYLENE CHLORIDE	6.541	84	372063	18.19	PPBV	85
20) FREON 113	6.793	151	4009	0.09	PPBV	86
25) HEXANE	8.667	57	8769	0.35	PPBV #	63
28) METHYL ETHYL KETONE	8.037	43	56492	1.78	PPBV	93
32) 1,1,1-TRICHLOROETHANE	9.709	97	5913	0.11	PPBV	93
33) CARBON TETRACHLORIDE	10.287	117	7805	0.13	PPBV	95
36) BENZENE	10.147	78	42231	1.08	PPBV	96
43) HEPTANE	11.398	43	4106	0.18	PPBV	83
44) METHYL ISOBUTYL KETONE	11.986	43	8242	0.26	PPBV #	77
46) TOLUENE	12.921	92	192462	7.33	PPBV	94
51) TETRACHLOROETHYLENE	14.048	164	4794	0.23	PPBV	98
55) ETHYLBENZENE	15.127	91	18623	0.63	PPBV	96
56) m,p-XYLENE	15.305	106	30551	2.08	PPBV	88
57) o-XYLENE	15.819	106	5272	0.67	PPBV	94
59) NONANE	16.020	43	11597	0.67	PPBV #	90
65) 4-ETHYLTOLUENE	17.206	105	3278	0.65	PPBV #	70
66) 1,3,5-TRIMETHYLBENZENE	17.291	105	3689	0.61	PPBV #	61
67) 1,2,4-TRIMETHYLBENZENE	17.754	105	10402	0.82	PPBV	96

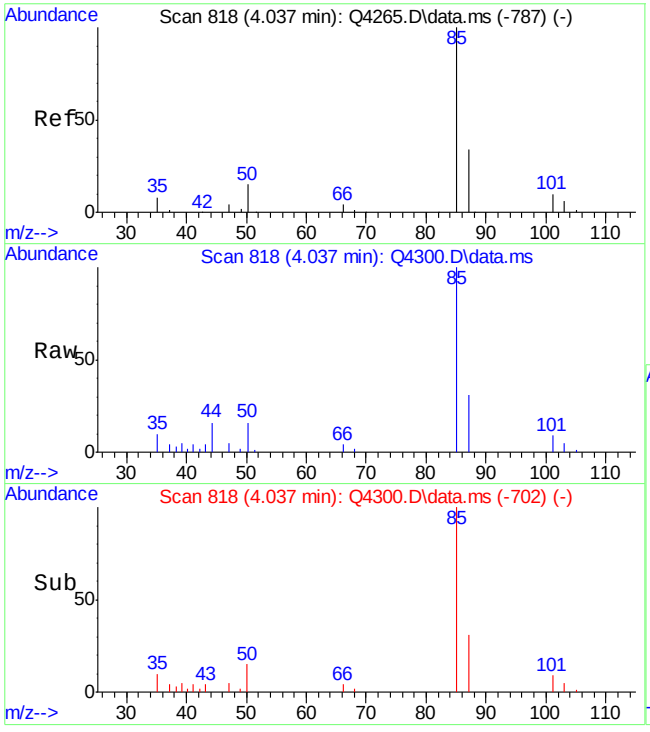
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4300.D
Acq On : 15 Aug 2007 2:13 pm
Operator : danat
Sample : m66975-2 (M076)
Misc : MS14127, MSQ228,,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 17 13:46:55 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 15:27:19 2007
Response via : Initial Calibration

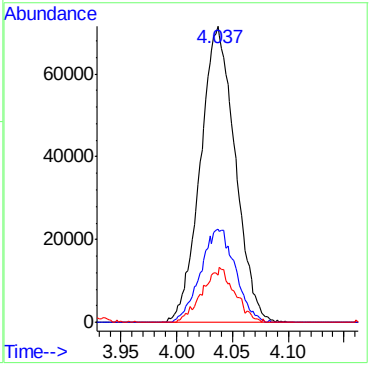


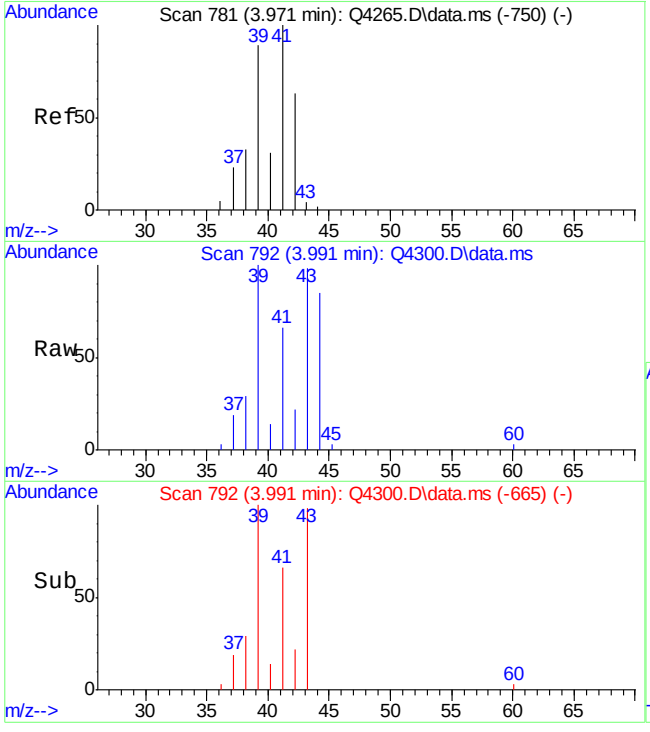


#2
DICHLORODIFLUOROMETHANE
Concen: 1.97 PPBV
RT: 4.037 min Scan# 818
Delta R.T. 0.000 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion: 85 Resp: 154989

Ion	Ratio	Lower	Upper
85	100		
87	31.6	12.7	52.7
50	17.2	0.0	34.7

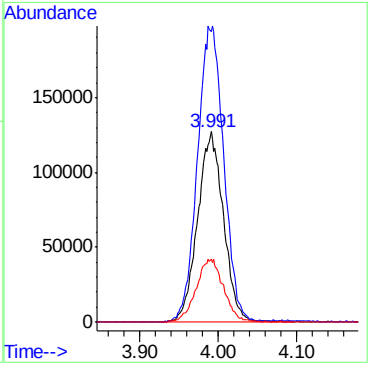


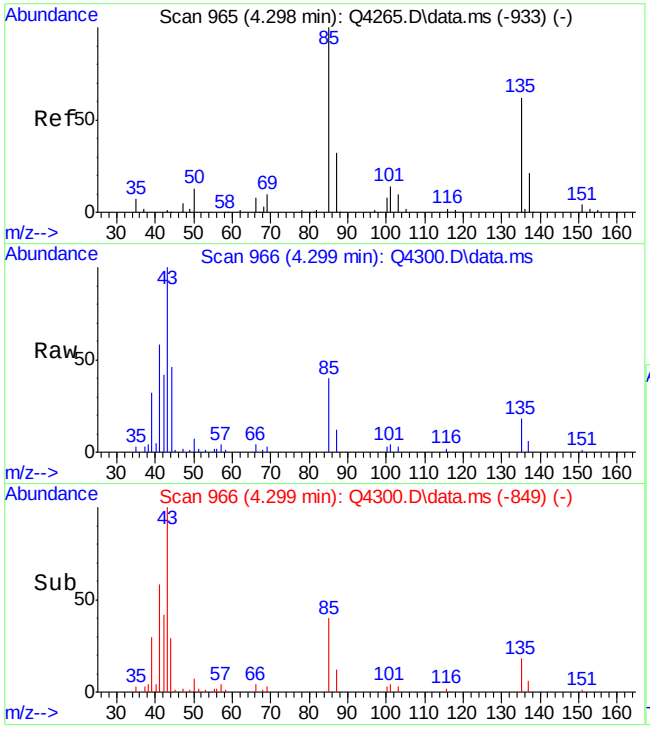


#3
PROPYLENE
Concen: 27.15 PPBV
RT: 3.991 min Scan# 792
Delta R.T. 0.020 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion: 41 Resp: 291676

Ion	Ratio	Lower	Upper
41	100		
39	152.6	69.1	109.1#
42	33.1	42.7	82.7#

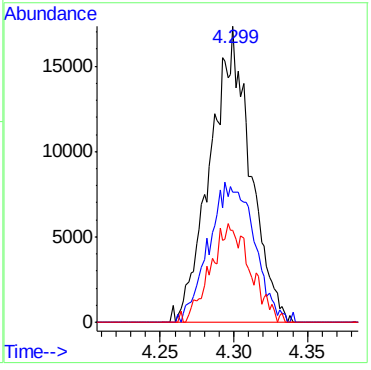


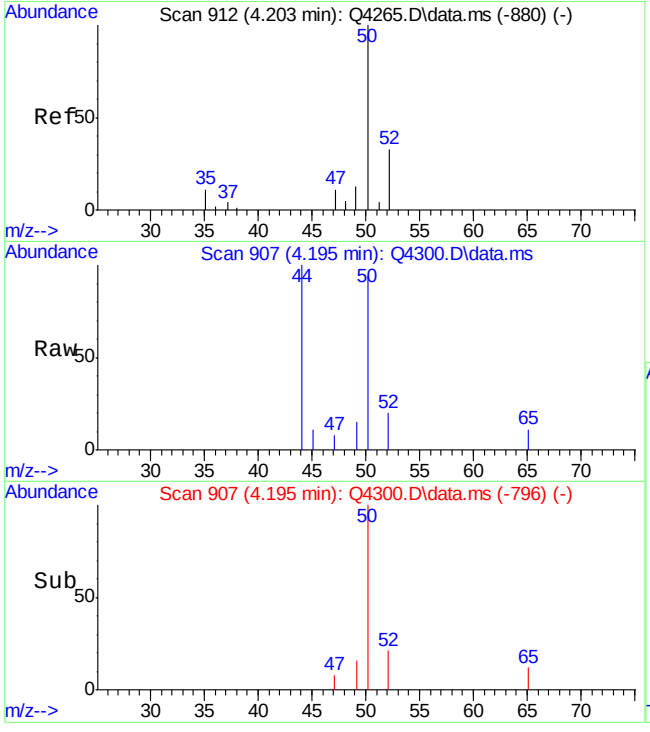


#4
FREON 114
Concen: 0.46 PPBV
RT: 4.299 min Scan# 966
Delta R.T. 0.002 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion: 85 Resp: 32807

Ion	Ratio	Lower	Upper
85	100		
135	53.8	43.1	83.1
87	33.0	12.5	52.5

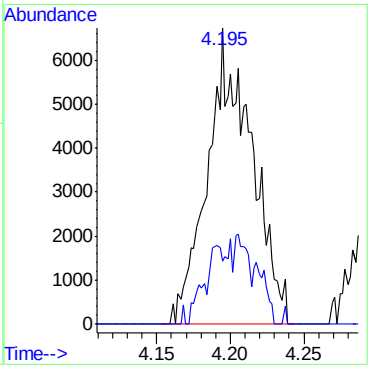


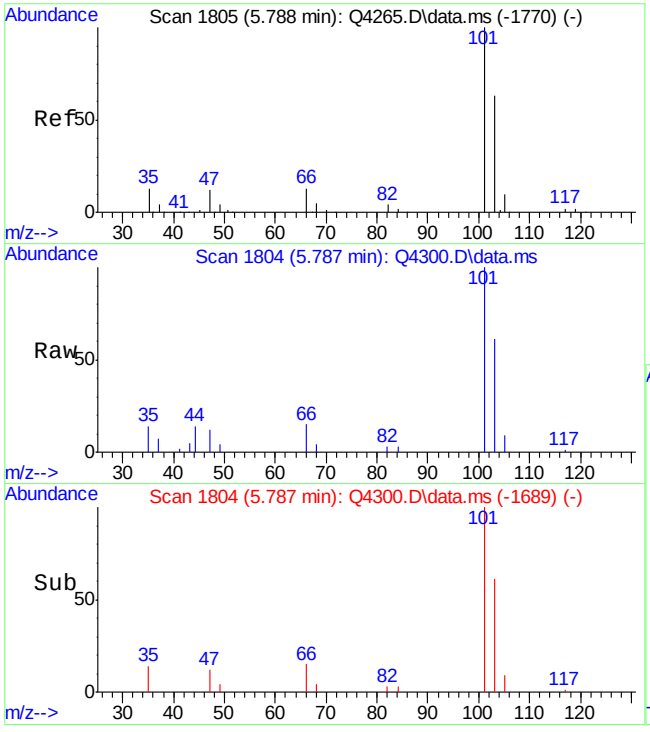


#5
CHLOROMETHANE
Concen: 0.84 PPBV
RT: 4.195 min Scan# 907
Delta R.T. -0.009 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion: 50 Resp: 13927

Ion	Ratio	Lower	Upper
50	100		
52	21.2	12.8	52.8

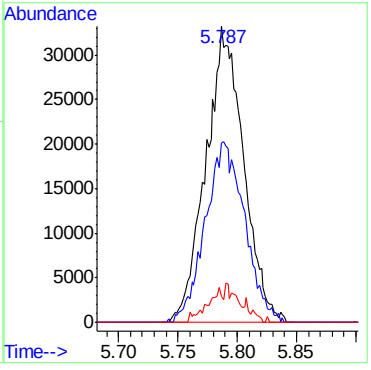


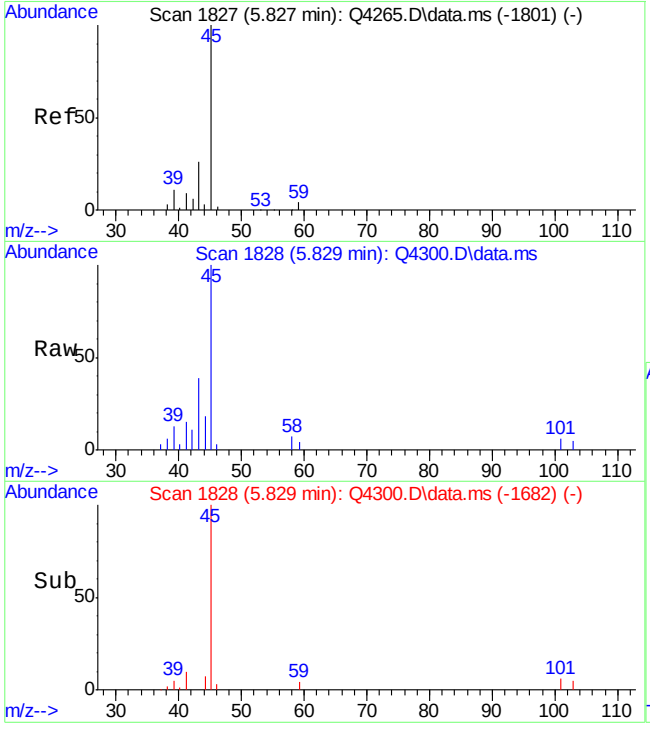


#10
TRICHLOROFLUOROMETHANE
Concen: 0.87 PPBV
RT: 5.787 min Scan# 1804
Delta R.T. -0.002 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion:101 Resp: 73409

Ion	Ratio	Lower	Upper
101	100		
103	63.6	44.5	84.5
105	10.4	0.0	30.2

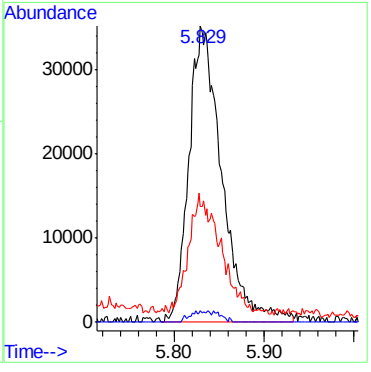


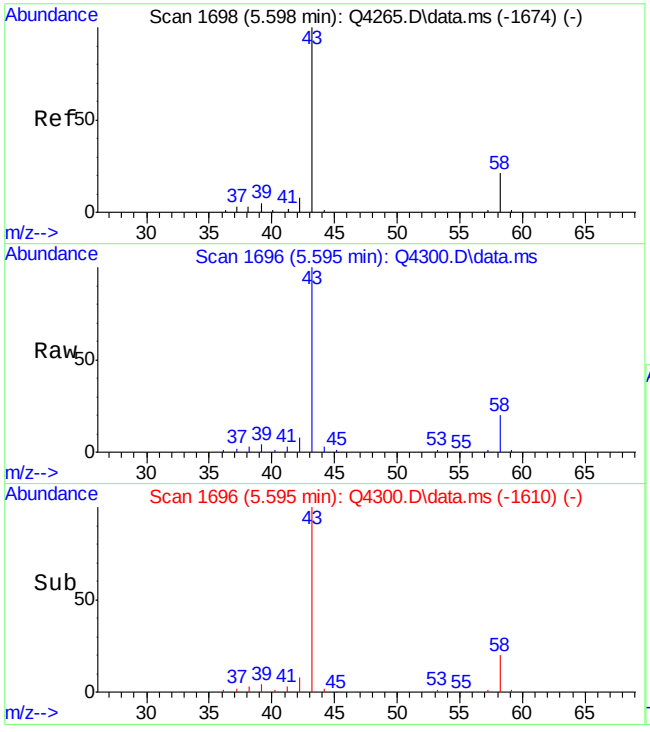


#11
ISOPROPYL ALCOHOL
Concen: 2.44 PPBV
RT: 5.829 min Scan# 1828
Delta R.T. 0.002 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion: 45 Resp: 89461

Ion	Ratio	Lower	Upper
45	100		
59	3.9	0.0	23.6
43	38.9	6.7	46.7

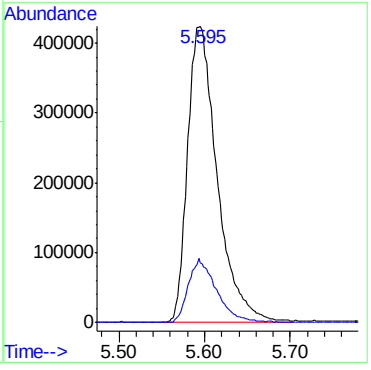


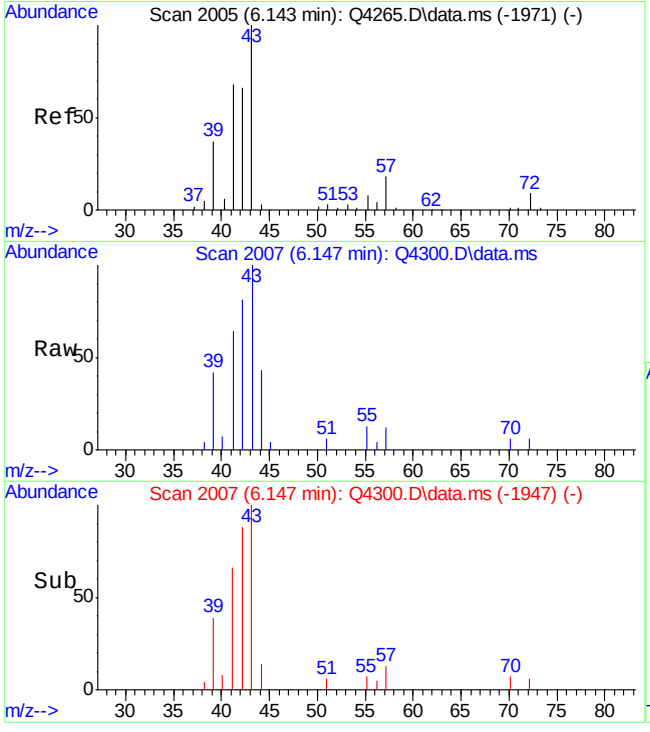


#12
ACETONE
Concen: 32.31 PPBV
RT: 5.595 min Scan# 1696
Delta R.T. -0.003 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion: 43 Resp: 1021891

Ion	Ratio	Lower	Upper
43	100		
58	20.3	0.0	40.0

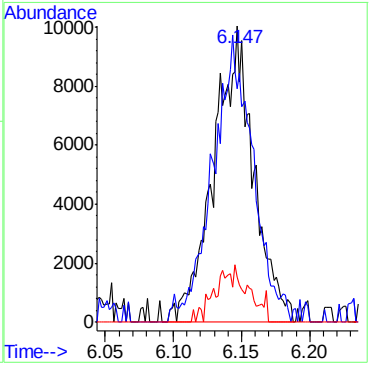


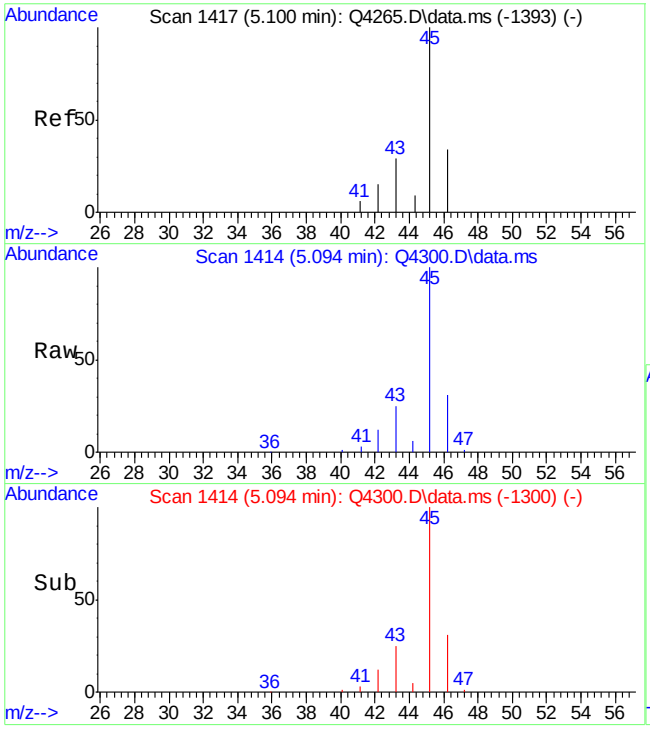


#13
PENTANE
Concen: 0.91 PPBV
RT: 6.147 min Scan# 2007
Delta R.T. 0.004 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion: 42 Resp: 20416

Ion	Ratio	Lower	Upper
42	100		
41	97.7	93.8	133.8
57	15.8	5.6	45.6

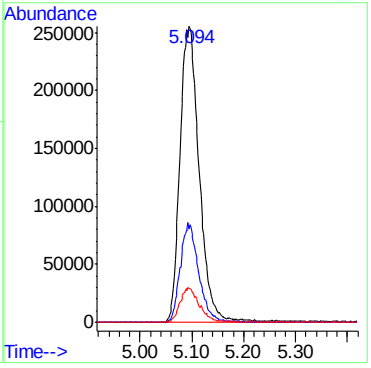


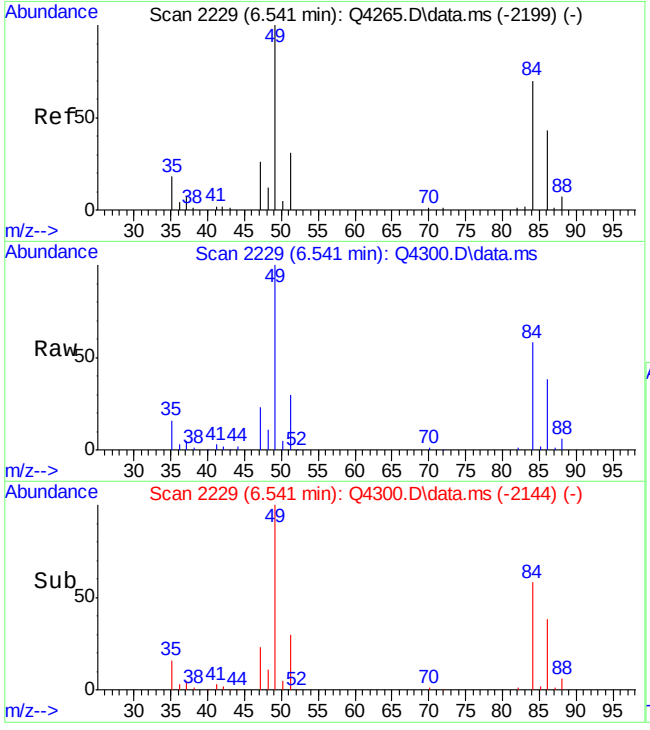


#16
ETHANOL
Concen: 79.85 PPBV
RT: 5.094 min Scan# 1414
Delta R.T. -0.005 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion: 45 Resp: 662757

Ion	Ratio	Lower	Upper
45	100		
46	31.9	11.0	51.0
42	11.8	0.0	33.0

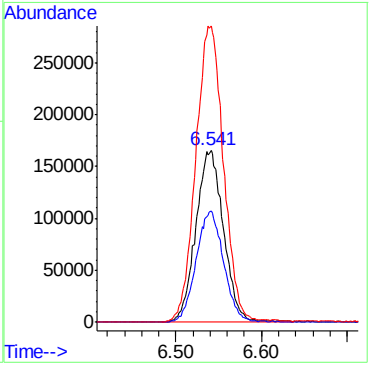


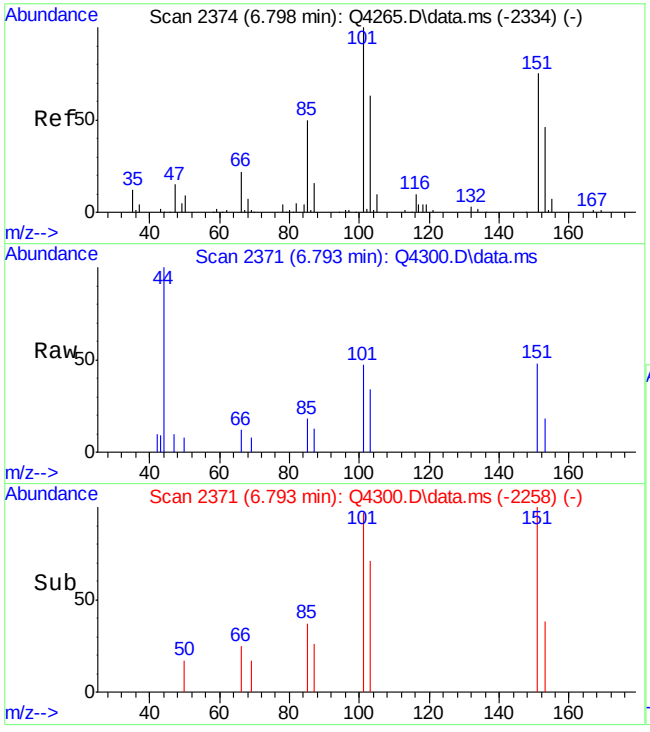


#18
METHYLENE CHLORIDE
Concen: 18.19 PPBV
RT: 6.541 min Scan# 2229
Delta R.T. 0.001 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion: 84 Resp: 372063

Ion	Ratio	Lower	Upper
84	100		
86	64.0	43.2	83.2
49	173.6	0.0	347.4

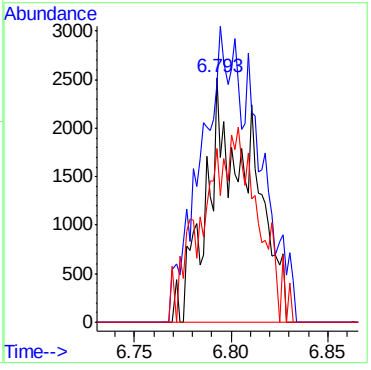


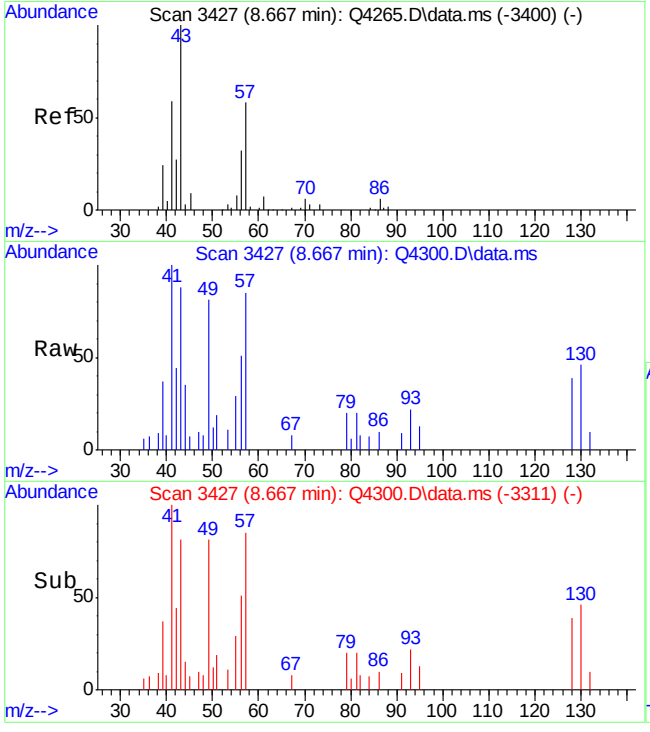


#20
FREON 113
Concen: 0.09 PPBV
RT: 6.793 min Scan# 2371
Delta R.T. -0.005 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion:151 Resp: 4009

Ion	Ratio	Lower	Upper
151	100		
101	155.1	117.2	157.2
103	97.3	66.8	106.8

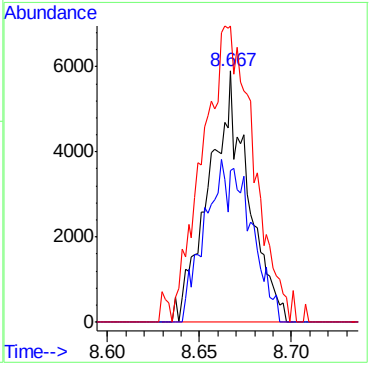


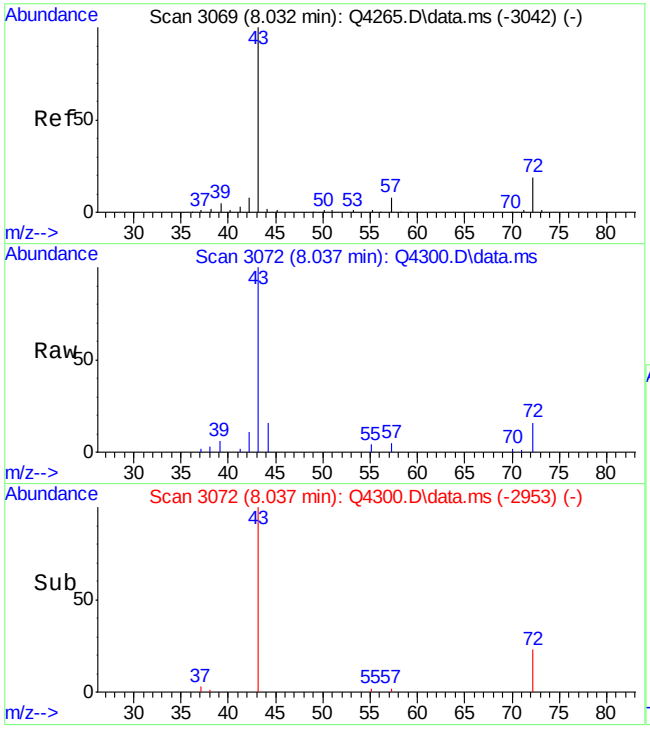


#25
HEXANE
Concen: 0.35 PPBV
RT: 8.667 min Scan# 3427
Delta R.T. 0.000 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion: 57 Resp: 8769

Ion	Ratio	Lower	Upper
57	100		
56	74.6	37.2	77.2
41	155.9	89.3	129.3#

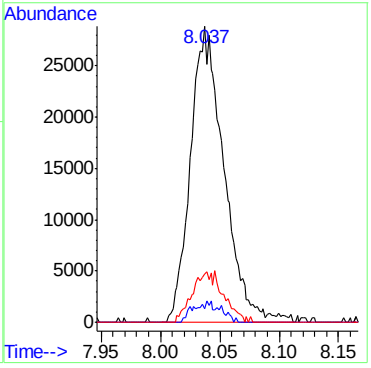


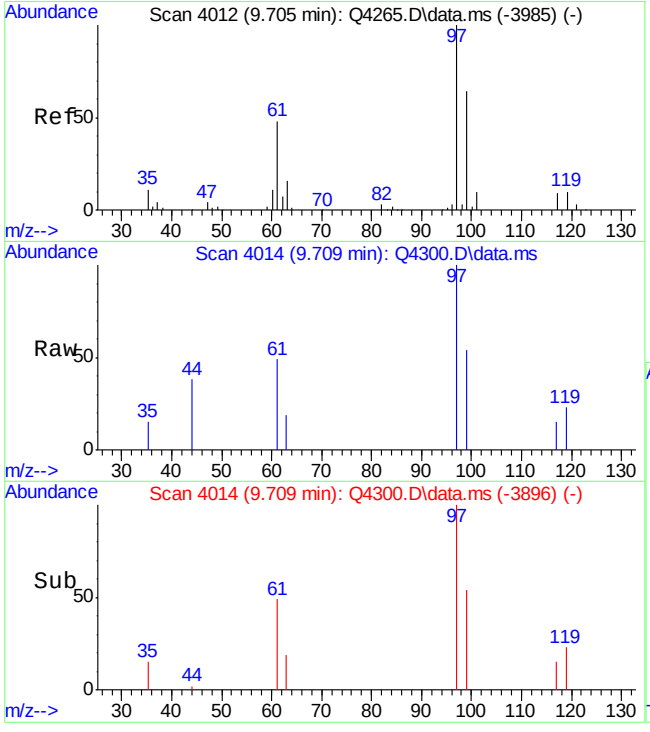


#28
METHYL ETHYL KETONE
Concen: 1.78 PPBV
RT: 8.037 min Scan# 3072
Delta R.T. 0.005 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion: 43 Resp: 56492

Ion	Ratio	Lower	Upper
43	100		
57	4.7	0.0	27.8
72	16.4	0.0	39.1

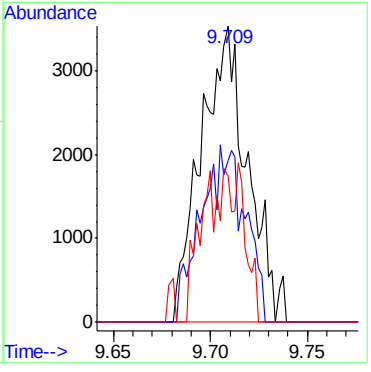


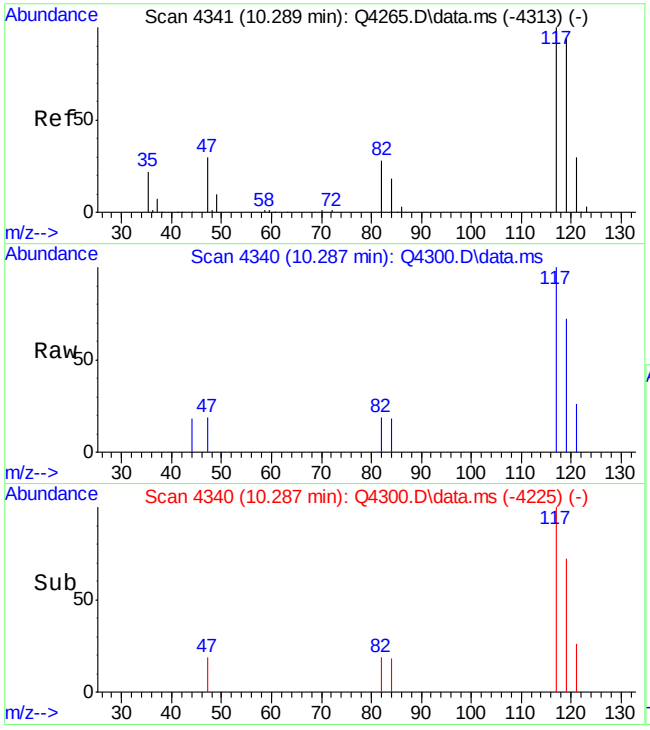


#32
1,1,1-TRICHLOROETHANE
Concen: 0.11 PPBV
RT: 9.709 min Scan# 4014
Delta R.T. 0.004 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion: 97 Resp: 5913

Ion	Ratio	Lower	Upper
97	100		
99	56.9	43.8	83.8
61	45.2	29.1	69.1

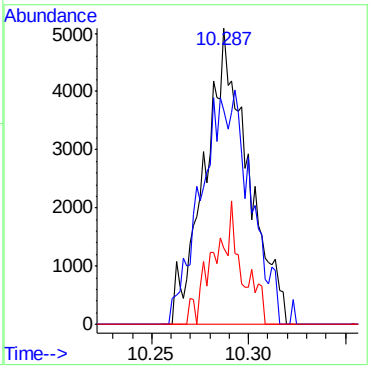


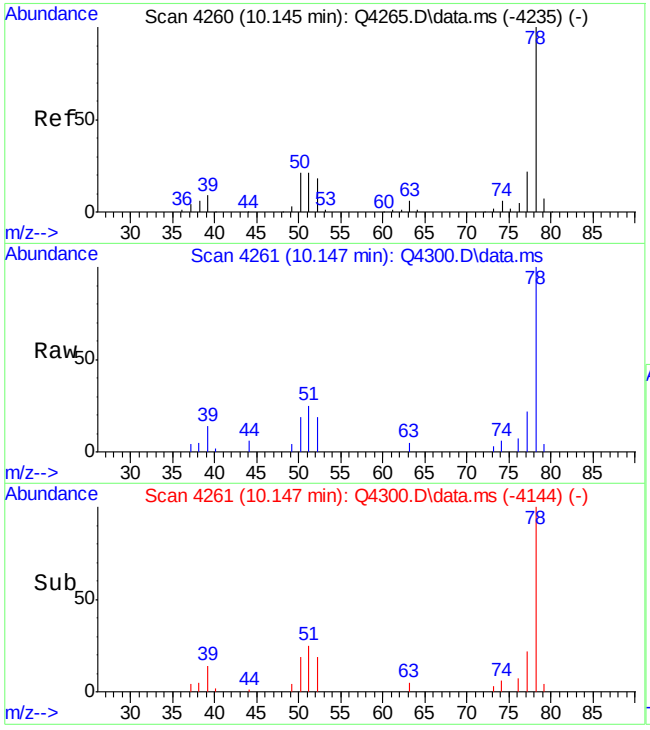


#33
CARBON TETRACHLORIDE
Concen: 0.13 PPBV
RT: 10.287 min Scan# 4340
Delta R.T. -0.002 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion:117 Resp: 7805

Ion	Ratio	Lower	Upper
117	100		
119	90.7	75.5	115.5
121	27.4	10.0	50.0

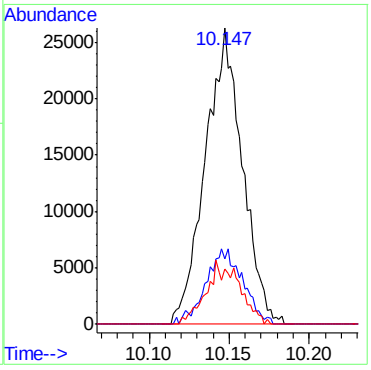


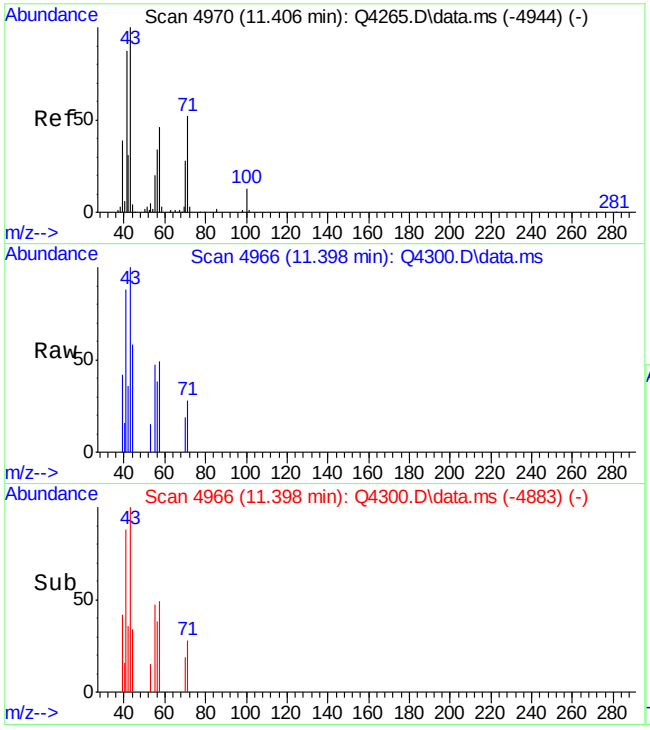


#36
BENZENE
Concen: 1.08 PPBV
RT: 10.147 min Scan# 4261
Delta R.T. 0.002 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion: 78 Resp: 42231

Ion	Ratio	Lower	Upper
78	100		
77	25.2	3.1	43.1
52	19.2	0.0	37.8

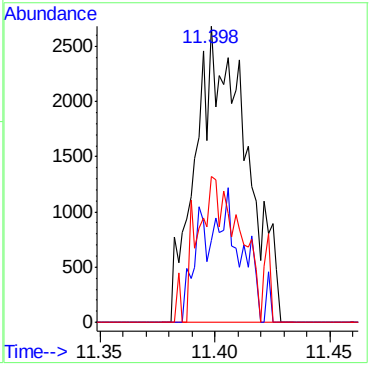


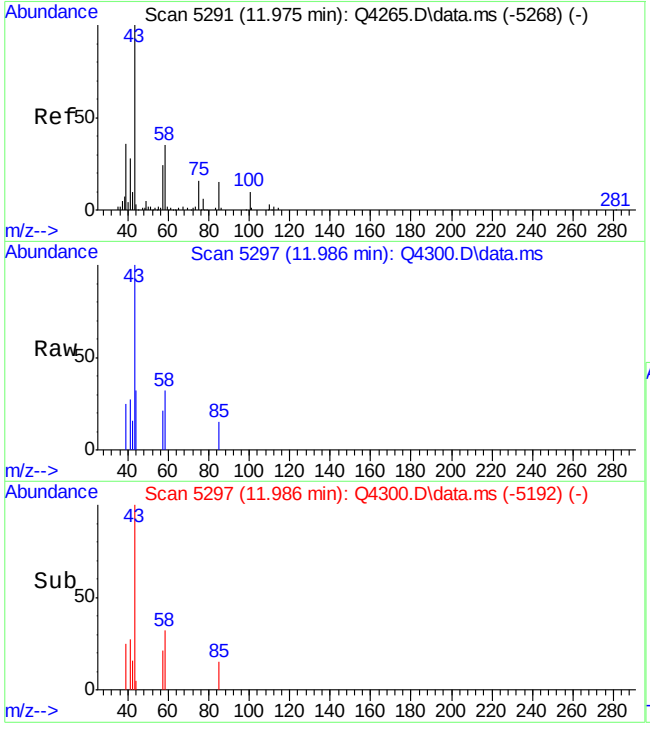


#43
HEPTANE
Concen: 0.18 PPBV
RT: 11.398 min Scan# 4966
Delta R.T. -0.007 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion: 43 Resp: 4106

Ion	Ratio	Lower	Upper
43	100		
71	34.2	32.1	72.1
57	44.2	30.1	70.1

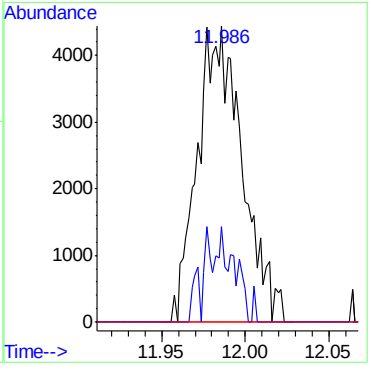




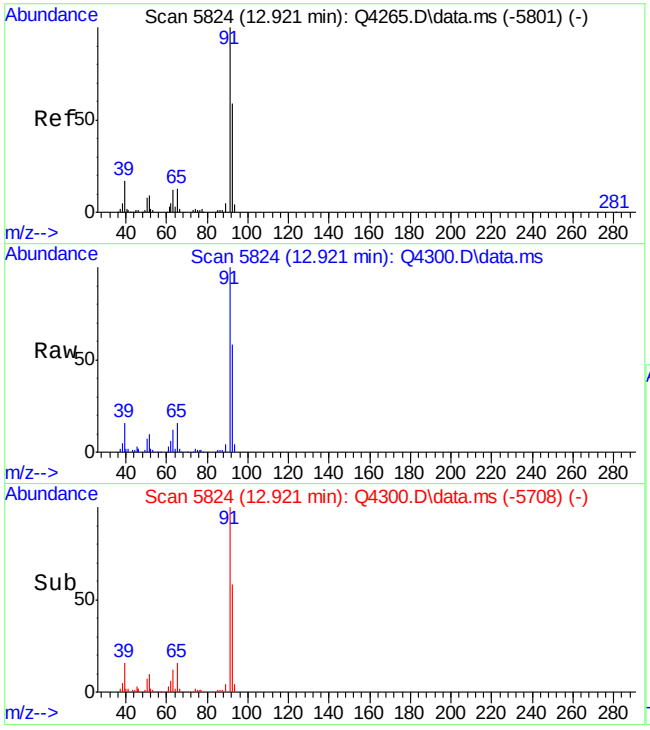
#44
METHYL ISOBUTYL KETONE
Concen: 0.26 PPBV
RT: 11.986 min Scan# 5297
Delta R.T. 0.011 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion: 43 Resp: 8242

Ion	Ratio	Lower	Upper
43	100		
58	20.8	13.6	53.6
100	0.0	0.0	29.5



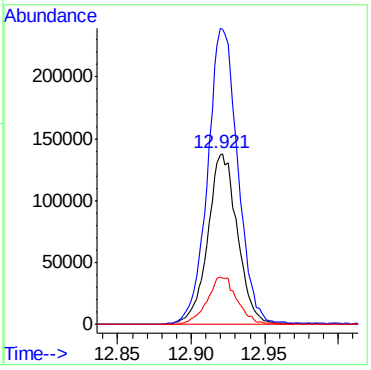
ACCUTEST Laboratories M66975

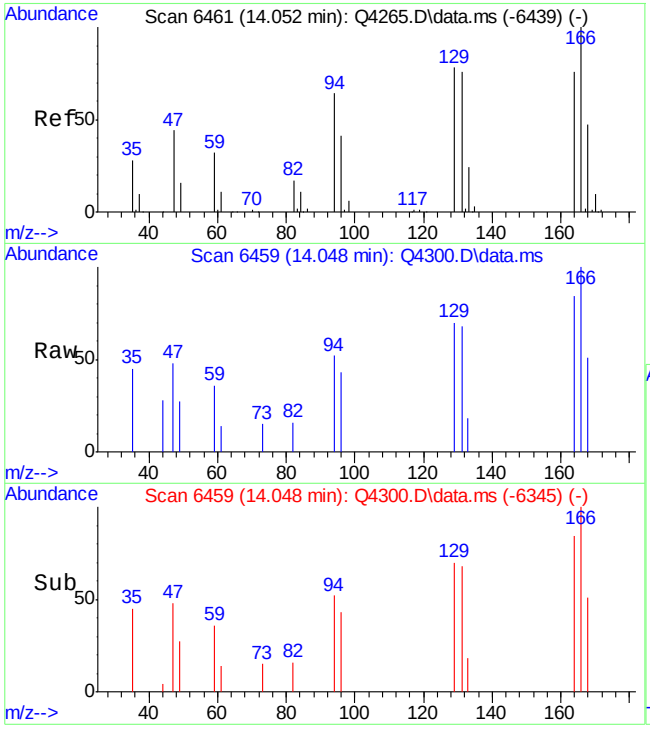


#46
TOLUENE
Concen: 7.33 PPBV
RT: 12.921 min Scan# 5824
Delta R.T. 0.000 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion: 92 Resp: 192462

Ion	Ratio	Lower	Upper
92	100		
91	177.9	149.9	189.9
65	28.1	3.6	43.6

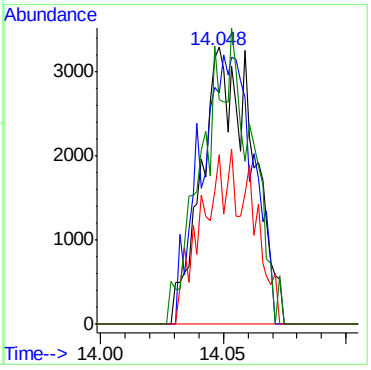


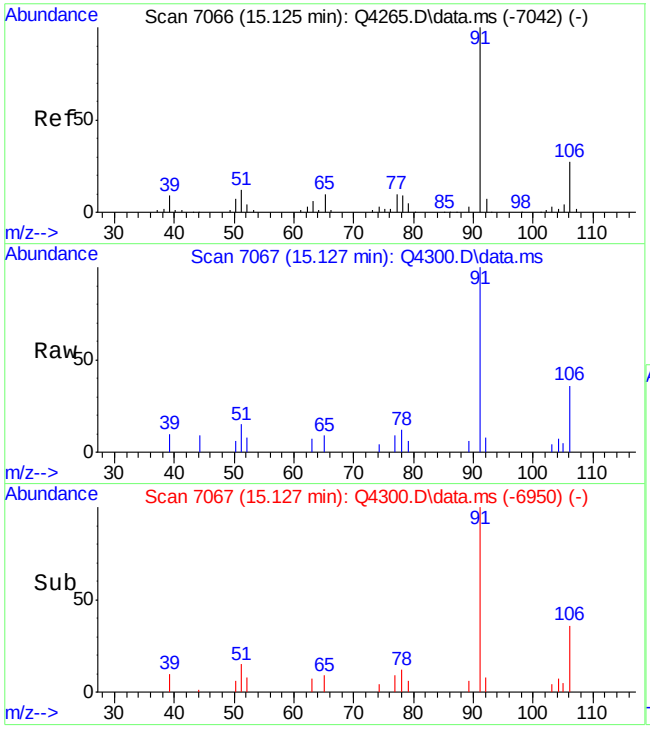


#51
TETRACHLOROETHYLENE
Concen: 0.23 PPBV
RT: 14.048 min Scan# 6459
Delta R.T. -0.004 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion:164 Resp: 4794

Ion	Ratio	Lower	Upper
164	100		
129	100.3	84.3	124.3
168	61.0	42.7	82.7
131	100.5	79.9	119.9

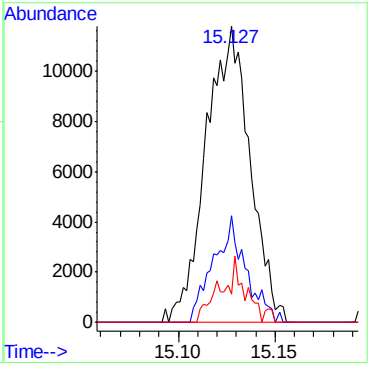


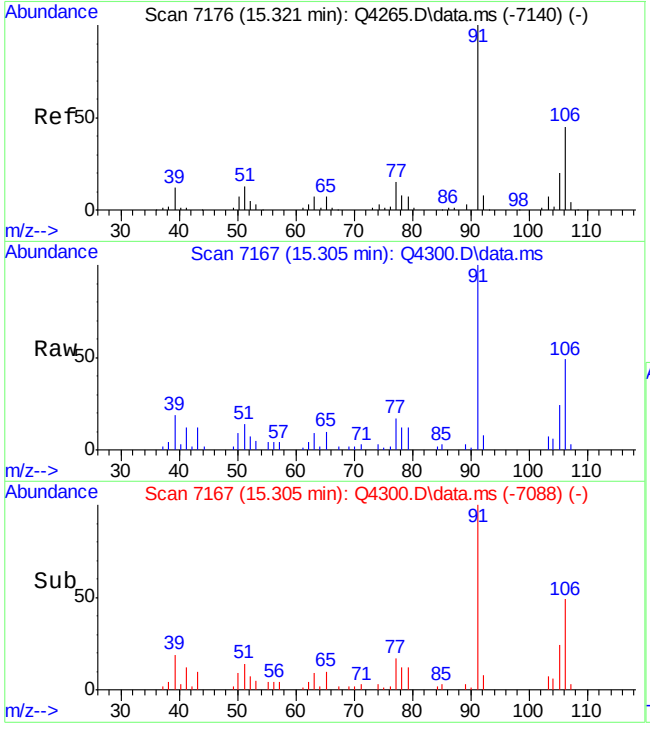


#55
ETHYLBENZENE
Concen: 0.63 PPBV
RT: 15.127 min Scan# 7067
Delta R.T. 0.002 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion: 91 Resp: 18623

Ion	Ratio	Lower	Upper
91	100		
106	26.3	7.5	47.5
77	12.8	0.0	30.2

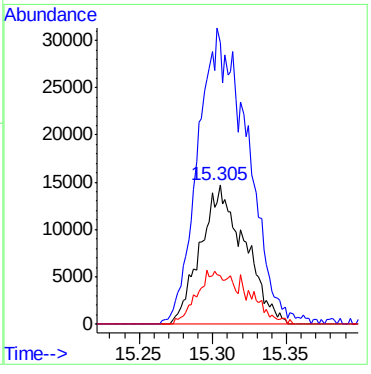


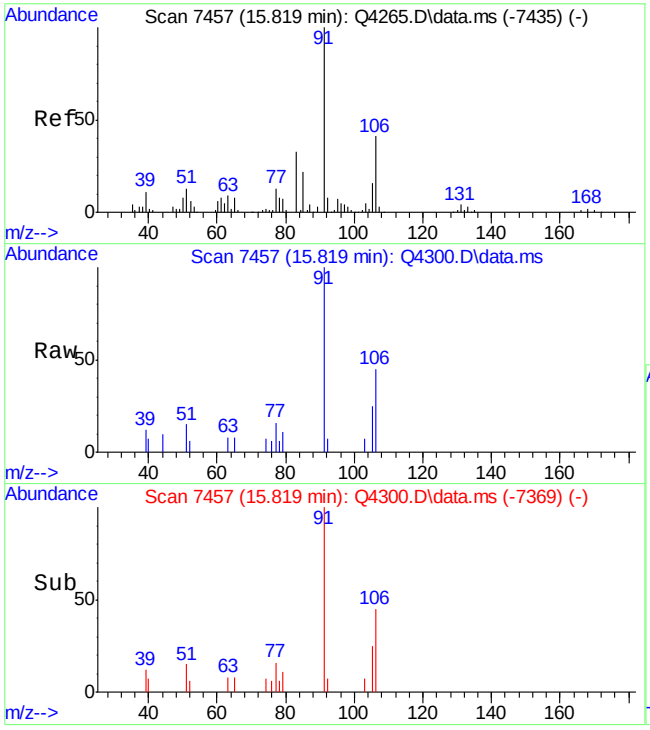


#56
m,p-XYLENE
Concen: 2.08 PPBV
RT: 15.305 min Scan# 7167
Delta R.T. -0.015 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion:106 Resp: 30551

Ion	Ratio	Lower	Upper
106	100		
91	202.7	179.8	269.6
77	35.1	26.6	39.8

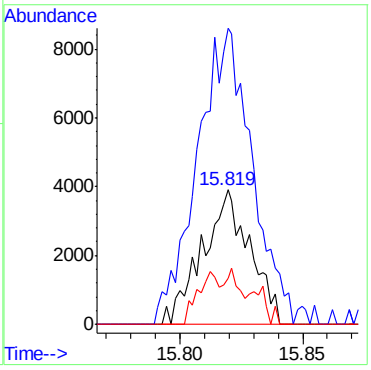


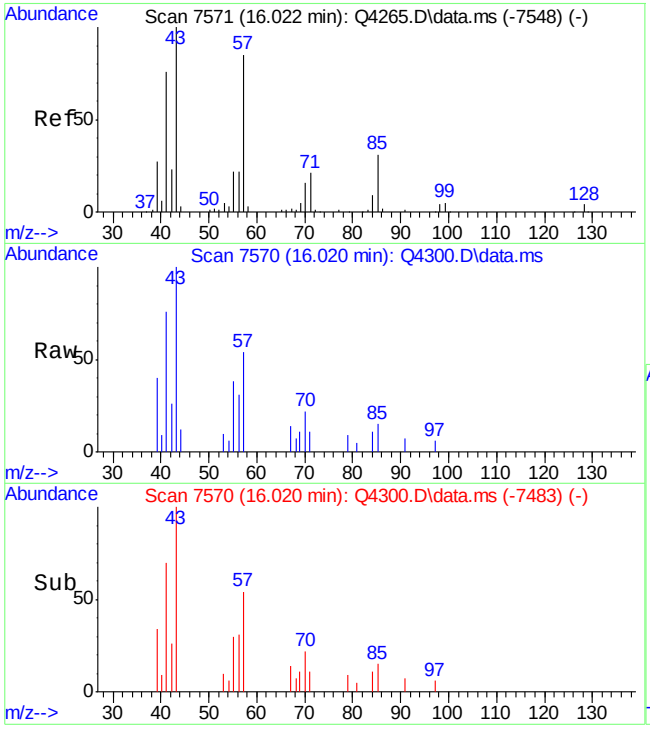


#57
o-XYLENE
Concen: 0.67 PPBV
RT: 15.819 min Scan# 7457
Delta R.T. 0.000 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion:106 Resp: 5272

Ion	Ratio	Lower	Upper
106	100		
91	256.0	227.6	267.6
77	40.9	13.7	53.7

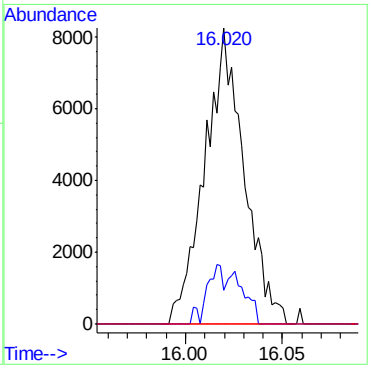


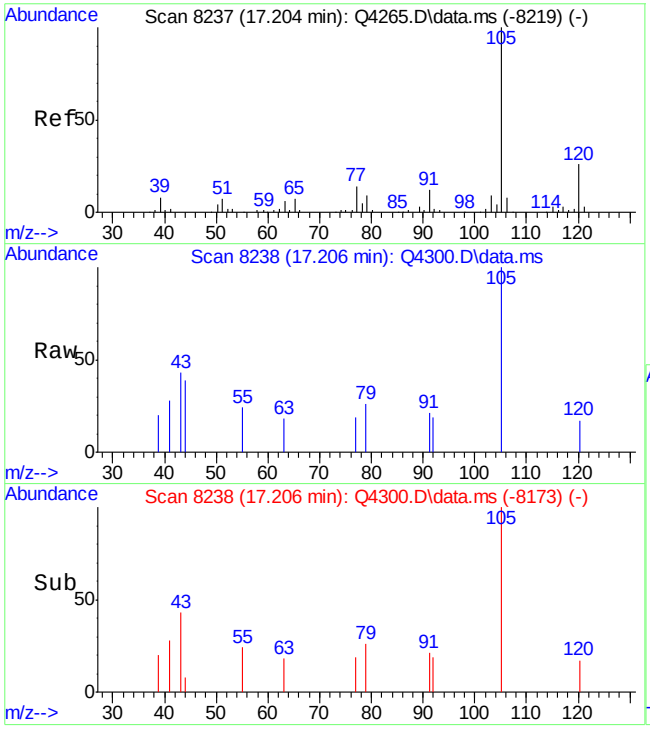


#59
NONANE
Concen: 0.67 PPBV
RT: 16.020 min Scan# 7570
Delta R.T. -0.001 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion: 43 Resp: 11597

Ion	Ratio	Lower	Upper
43	100		
71	16.8	1.2	41.2
128	0.0	0.0	23.8

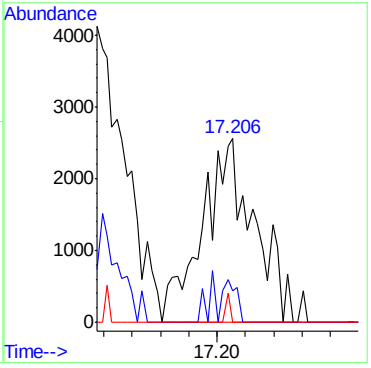


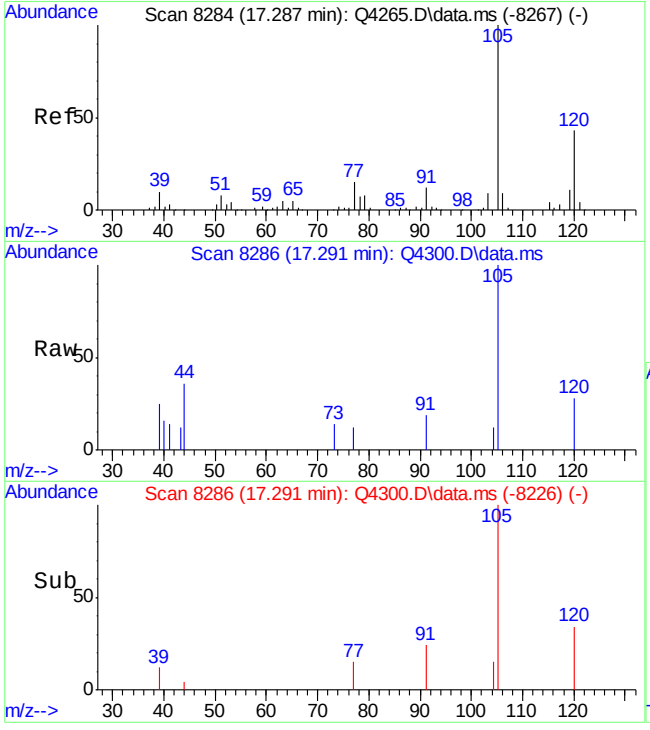


#65
4-ETHYLTOLUENE
Concen: 0.65 PPBV
RT: 17.206 min Scan# 8238
Delta R.T. 0.003 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion:105 Resp: 3278

Ion	Ratio	Lower	Upper
105	100		
120	10.2	6.7	46.7
119	0.0	0.0	22.3

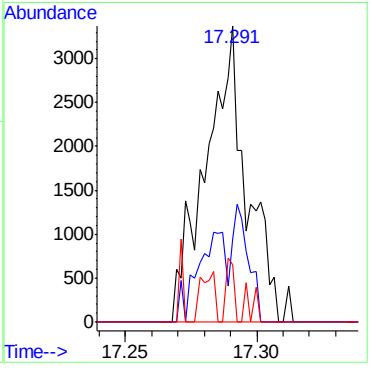


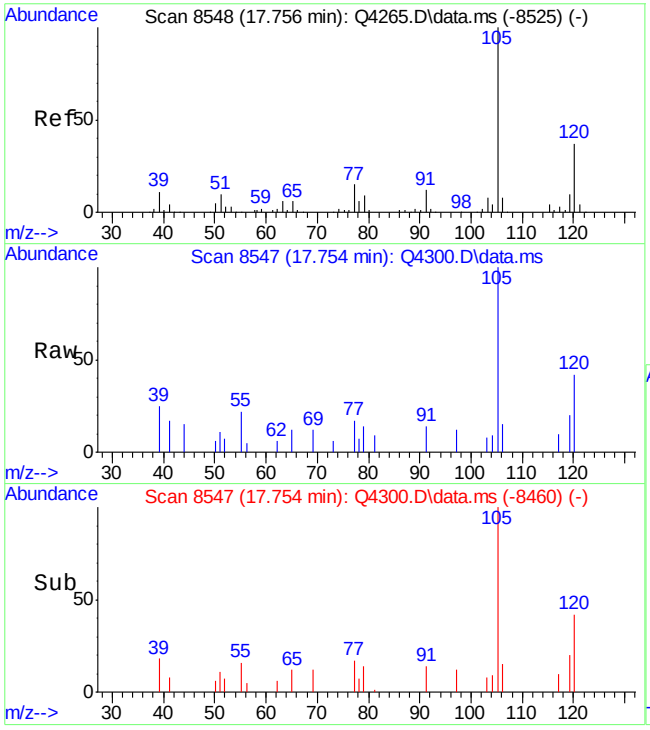


#66
1,3,5-TRIMETHYLBENZENE
Concen: 0.61 PPBV
RT: 17.291 min Scan# 8286
Delta R.T. 0.004 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion:105 Resp: 3689

Ion	Ratio	Lower	Upper
105	100		
120	15.6	23.7	63.7#
91	4.0	0.0	32.7

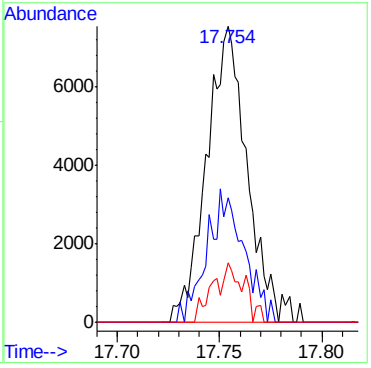




#67
1,2,4-TRIMETHYLBENZENE
Concen: 0.82 PPBV
RT: 17.754 min Scan# 8547
Delta R.T. -0.001 min
Lab File: Q4300.D
Acq: 15 Aug 2007 2:13 pm

Tgt Ion:105 Resp: 10402

Ion	Ratio	Lower	Upper
105	100		
120	40.4	19.5	59.5
119	15.2	0.0	30.2



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4297.D
Acq On : 15 Aug 2007 12:04 pm
Operator : danat
Sample : mb (M139)
Misc : MS14080, MSQ228,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 17 13:39:08 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 15:27:19 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.630	128	142267	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.458	114	590543	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.703	117	470543	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.324	95	127689	3.58	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 71.60%

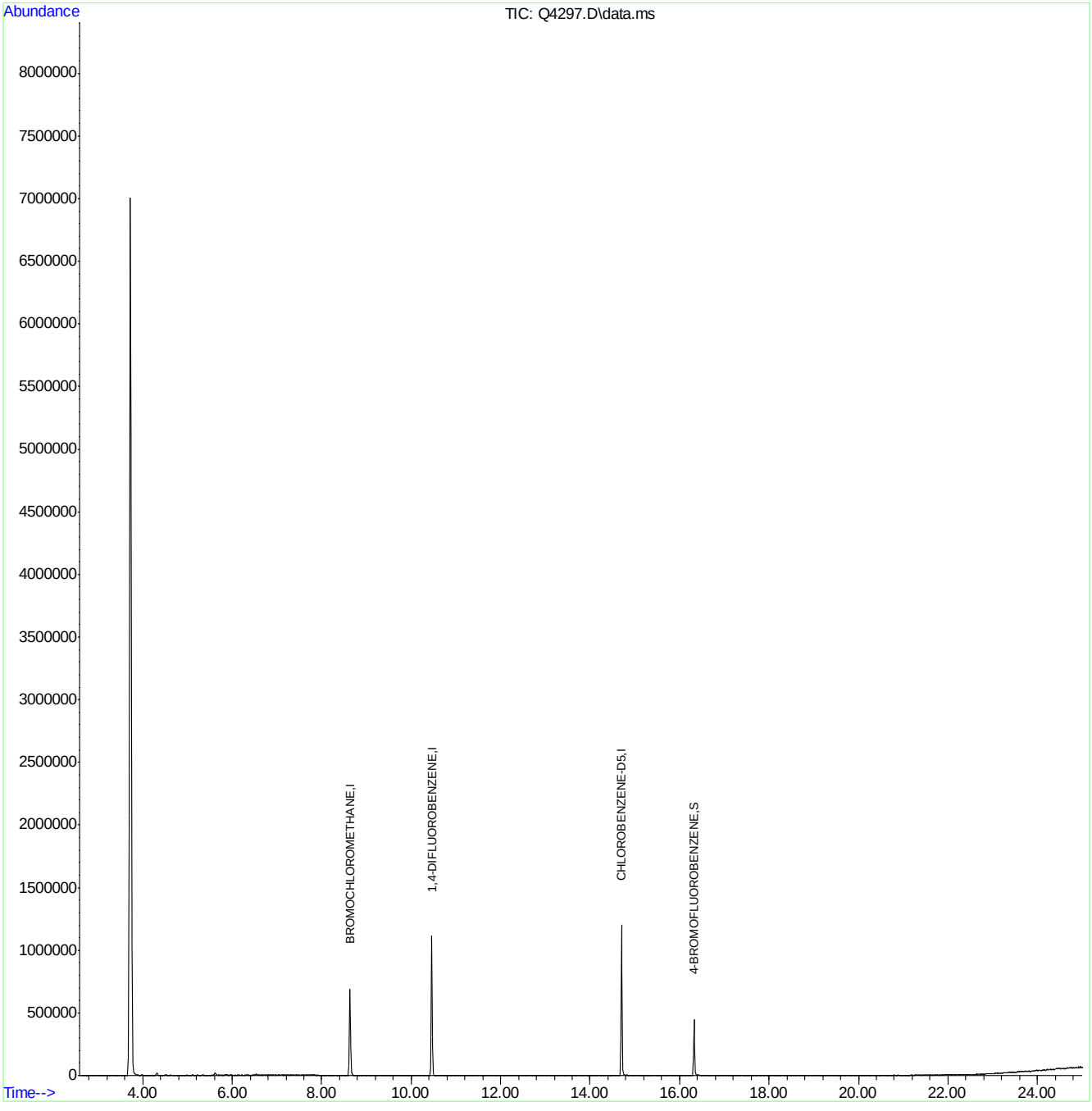
Target Compounds	Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4297.D
Acq On : 15 Aug 2007 12:04 pm
Operator : danat
Sample : mb (M139)
Misc : MS14080, MSQ228,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 17 13:39:08 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 15:27:19 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3986.D
Acq On : 17 Jul 2007 10:09 am
Operator : danat
Sample : mb (M063)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 17 14:09:45 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:27:00 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	220566	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.460	114	986337	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.705	117	863843	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.325	95	289018	4.56	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 91.20%

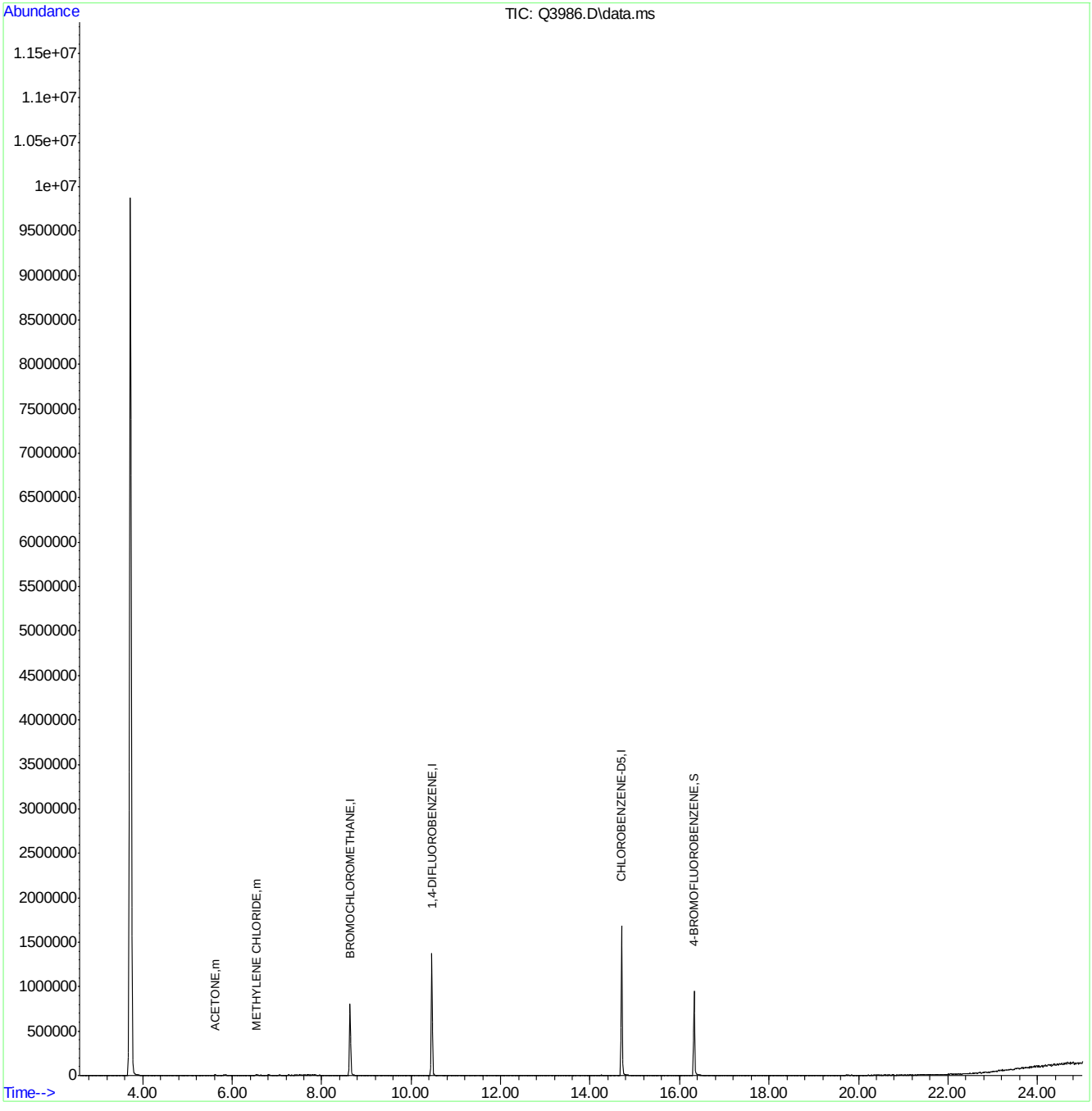
Target Compounds						Qvalue
12) ACETONE	5.620	43	7736	0.42	PPBV	95
18) METHYLENE CHLORIDE	6.539	84	2404	0.34	PPBV #	75

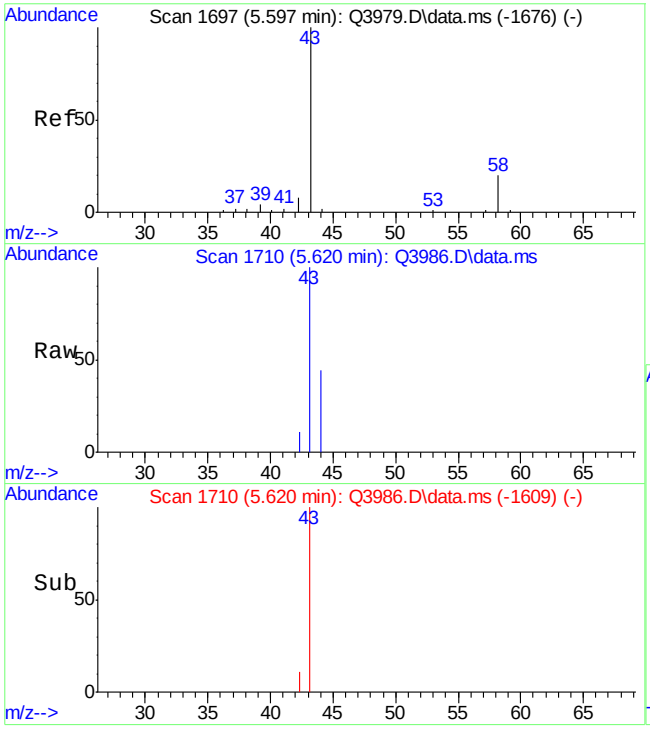
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3986.D
Acq On : 17 Jul 2007 10:09 am
Operator : danat
Sample : mb (M063)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 17 14:09:45 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:27:00 2007
Response via : Initial Calibration

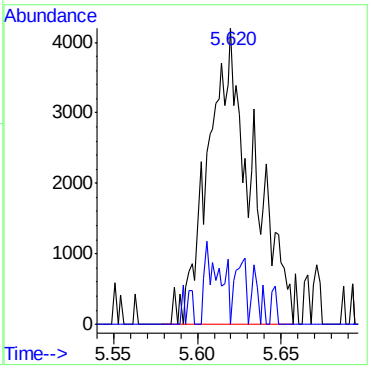


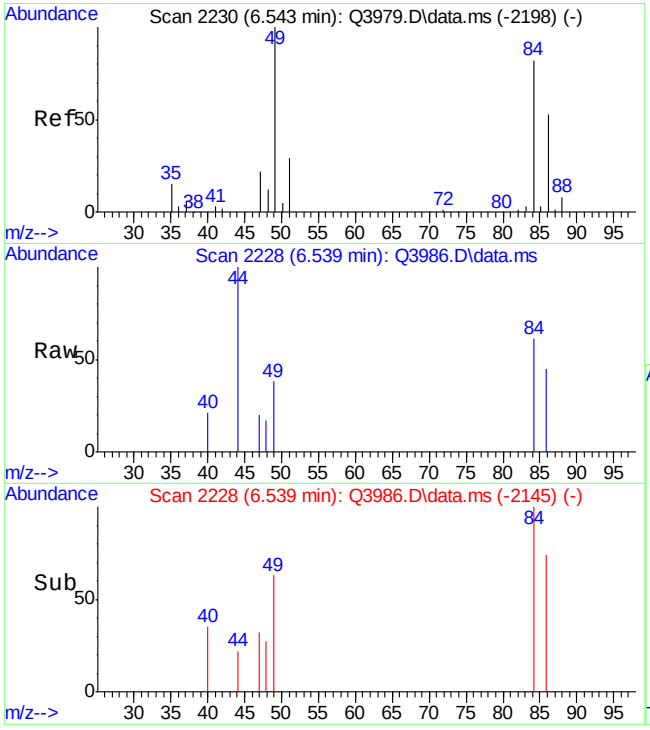


#12
ACETONE
Concen: 0.42 PPBV
RT: 5.620 min Scan# 1710
Delta R.T. 0.024 min
Lab File: Q3986.D
Acq: 17 Jul 2007 10:09 am

Tgt Ion: 43 Resp: 7736

Ion	Ratio	Lower	Upper
43	100		
58	21.5	4.0	44.0

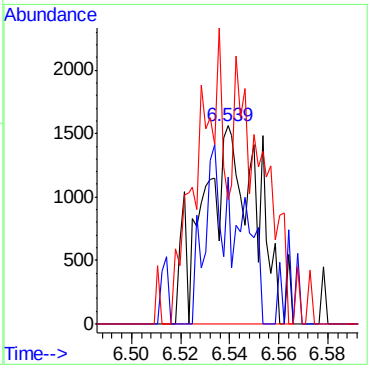




#18
METHYLENE CHLORIDE
Concen: 0.34 PPBV
RT: 6.539 min Scan# 2228
Delta R.T. -0.003 min
Lab File: Q3986.D
Acq: 17 Jul 2007 10:09 am

Tgt Ion: 84 Resp: 2404

Ion	Ratio	Lower	Upper
84	100		
86	33.2	45.0	85.0#
49	146.8	0.0	327.5



ACCUTEST Laboratories M66975

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4295a.D
Acq On : 15 Aug 2007 9:51 am
Operator : danat
Sample : bs (M164)
Misc : MS14080, MSQ228,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 15 11:46:27 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 15:27:19 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.630	128	113532	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.460	114	600004	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.701	117	509656	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.322	95	203611	5.26	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 105.20%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.040	85	557727	8.75	PPBV	99
3) PROPYLENE	3.964	41	97817	11.26	PPBV	96
4) FREON 114	4.299	85	520170	9.07	PPBV	96
5) CHLOROMETHANE	4.198	50	147376	11.04	PPBV	94
6) VINYL CHLORIDE	4.422	62	165720	10.72	PPBV	99
7) 1,3-BUTADIENE	4.558	39	131636	10.30	PPBV	99
8) BROMOMETHANE	4.837	94	170812	9.77	PPBV	98
9) CHLOROETHANE	5.007	64	69727	10.11	PPBV	97
10) TRICHLOROFLUOROMETHANE	5.787	101	496922	7.32	PPBV	100
11) ISOPROPYL ALCOHOL	5.826	45	228870	7.74	PPBV	99
12) ACETONE	5.598	43	239636	10.23	PPBV	96
13) PENTANE	6.143	42	179141	9.85	PPBV	89
14) 1,1-DICHLOROETHYLENE	6.426	96	162232	9.35	PPBV	93
15) CARBON DISULFIDE	6.857	76	538074	9.72	PPBV	94
16) ETHANOL	5.096	45	38925	8.18	PPBV	99
17) BROMOETHENE	5.368	106	151922	9.56	PPBV #	97
18) METHYLENE CHLORIDE	6.539	84	165718	9.93	PPBV	99
19) 3-CHLOROPROPENE	6.663	39	152078	7.31	PPBV	84
20) FREON 113	6.795	151	261039	7.58	PPBV	97
21) TRANS-1,2-DICHLOROETHY...	7.466	96	160175	9.68	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.426	59	272632	7.87	PPBV	95
23) METHYL TERTIARY BUTYL ...	7.707	73	310345	7.58	PPBV	97
24) TETRAHYDROFURAN	9.139	42	99435	10.29	PPBV	99
25) HEXANE	8.664	57	190362	9.51	PPBV	94
26) VINYL ACETATE	7.787	43	267501	7.84	PPBV	93
27) 1,1-DICHLOROETHANE	7.663	63	317640	8.89	PPBV	99
28) METHYL ETHYL KETONE	8.028	43	224773	8.74	PPBV	99
29) cis-1,2-DICHLOROETHYLENE	8.470	96	128662	10.42	PPBV	94
30) ETHYL ACETATE	8.660	43	388683	9.93	PPBV	100
31) CHLOROFORM	8.749	83	353090	8.49	PPBV	98
32) 1,1,1-TRICHLOROETHANE	9.705	97	336845	7.85	PPBV	99
33) CARBON TETRACHLORIDE	10.287	117	388161	7.73	PPBV	100
34) 1,2-DICHLOROETHANE	9.462	62	220218	8.38	PPBV	99
36) BENZENE	10.147	78	371260	9.79	PPBV	97
37) CYCLOHEXANE	10.412	84	165672	10.33	PPBV	98
38) TRICHLOROETHYLENE	11.145	95	214105	9.03	PPBV	95
39) 1,2-DICHLOROPROPANE	10.919	63	129486	9.69	PPBV	85
40) BROMODICHLOROMETHANE	11.104	83	327878	7.16	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.166	57	642383	9.79	PPBV #	93
42) 1,4-DIOXANE	11.132	88	64153	8.29	PPBV	92
43) HEPTANE	11.402	43	216996	9.89	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4295a.D
Acq On : 15 Aug 2007 9:51 am
Operator : danat
Sample : bs (M164)
Misc : MS14080, MSQ228,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 15 11:46:27 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 15:27:19 2007
Response via : Initial Calibration

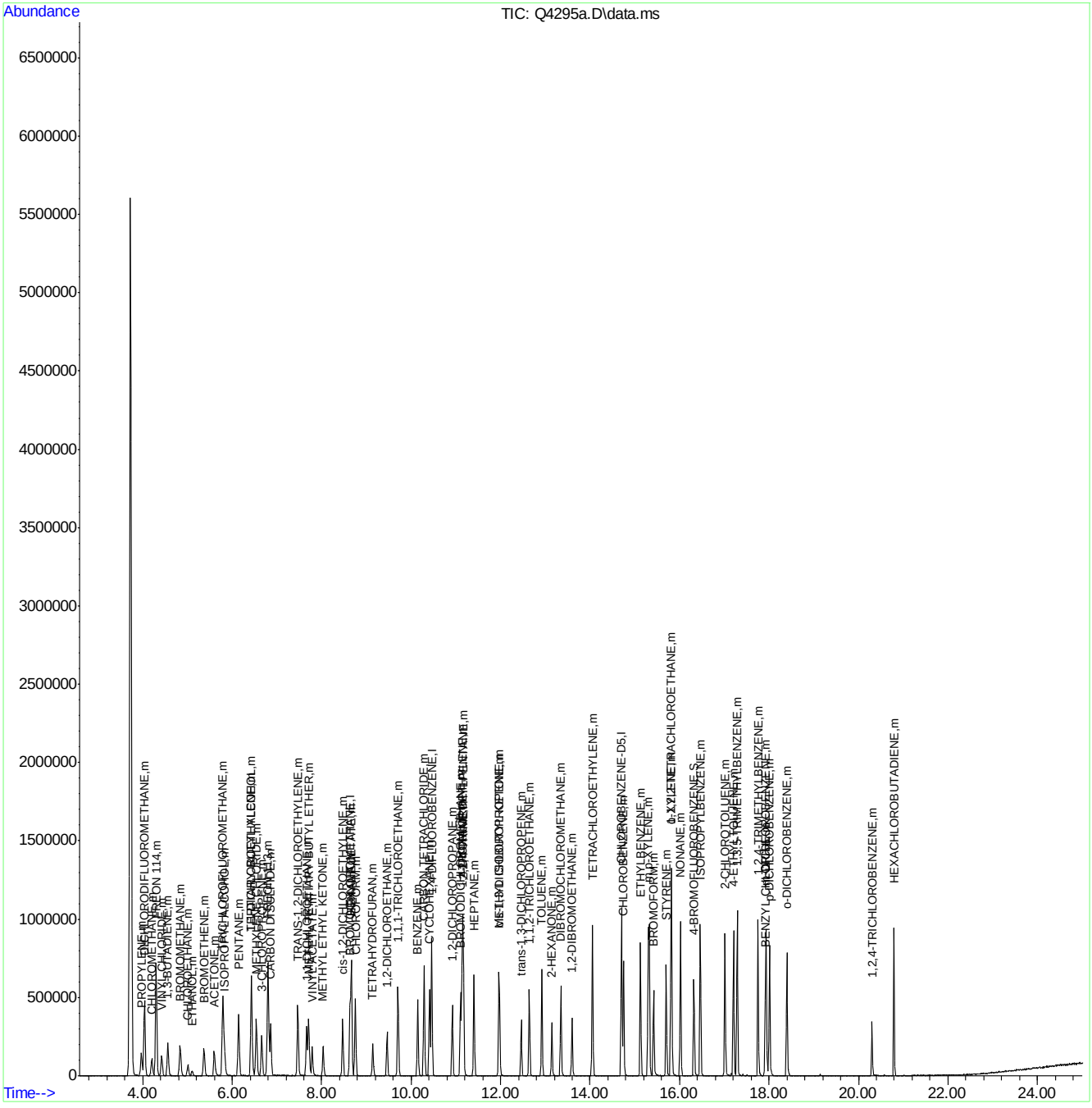
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.975	43	260294	8.62	PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.959	75	201406	9.45	PPBV #	81
46) TOLUENE	12.919	92	241496	9.28	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.458	75	152243	7.65	PPBV	94
48) 1,1,2-TRICHLOROETHANE	12.641	83	134331	8.89	PPBV	99
50) 2-HEXANONE	13.141	43	207468	7.08	PPBV	95
51) TETRACHLOROETHYLENE	14.052	164	191059	9.07	PPBV	94
52) DIBROMOCHLOROMETHANE	13.345	129	274442	7.20	PPBV	100
53) 1,2-DIBROMOETHANE	13.596	107	223933	9.42	PPBV	99
54) CHLOROBENZENE	14.746	112	346588	9.76	PPBV	96
55) ETHYLBENZENE	15.125	91	539393	8.70	PPBV	98
56) m,p-XYLENE	15.301	106	416492	17.93	PPBV	92
57) o-XYLENE	15.819	106	206998	8.68	PPBV	93
58) STYRENE	15.702	104	288190	9.09	PPBV	94
59) NONANE	16.020	43	315034	8.94	PPBV	99
60) BROMOFORM	15.418	173	244924	7.37	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.807	83	343652	8.56	PPBV	98
63) ISOPROPYLBENZENE	16.464	105	609665	9.43	PPBV	97
64) 2-CHLOROTOLUENE	17.014	91	467417	8.45	PPBV	96
65) 4-ETHYLTOLUENE	17.204	105	522723	7.74	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.287	105	531416	8.00	PPBV	97
67) 1,2,4-TRIMETHYLBENZENE	17.754	105	489533	8.15	PPBV	94
68) m-DICHLOROBENZENE	17.935	146	312074	9.28	PPBV	98
69) BENZYL CHLORIDE	17.912	91	278101	7.49	PPBV	98
70) p-DICHLOROBENZENE	18.011	146	300324	9.52	PPBV	98
71) o-DICHLOROBENZENE	18.398	146	272234	8.65	PPBV	99
72) HEXACHLOROBUTADIENE	20.792	225	142464	7.78	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.301	180	85001	8.09	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4295a.D
Acq On : 15 Aug 2007 9:51 am
Operator : danat
Sample : bs (M164)
Misc : MS14080, MSQ228,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 15 11:46:27 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 15:27:19 2007
Response via : Initial Calibration



ACCUTEST Laboratories
M66975

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3984b.D
Acq On : 17 Jul 2007 8:45 am
Operator : danat
Sample : bs (M209)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 17 14:07:21 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:27:00 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	198360	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.463	114	902151	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.707	117	781705	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.325	95	309690	5.39	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 107.80%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.037	85	726946	10.84	PPBV	99
3) PROPYLENE	3.966	41	110064	10.51	PPBV	93
4) FREON 114	4.296	85	667194	10.74	PPBV	99
5) CHLOROMETHANE	4.203	50	152498	10.60	PPBV	94
6) VINYL CHLORIDE	4.420	62	179540	10.62	PPBV	98
7) 1,3-BUTADIENE	4.560	39	147875	10.72	PPBV	96
8) BROMOMETHANE	4.834	94	207354	10.86	PPBV	98
9) CHLOROETHANE	5.009	64	76397	11.41	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.788	101	751175	11.42	PPBV	100
11) ISOPROPYL ALCOHOL	5.826	45	241350	9.68	PPBV	93
12) ACETONE	5.597	43	216102	8.20	PPBV	99
13) PENTANE	6.143	42	165867	11.51	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.427	96	193333	10.45	PPBV	93
15) CARBON DISULFIDE	6.859	76	540832	11.62	PPBV	98
16) ETHANOL	5.094	45	39797	8.10	PPBV	95
17) BROMOETHENE	5.370	106	204817	10.74	PPBV	99
18) METHYLENE CHLORIDE	6.541	84	164926	7.27	PPBV	98
19) 3-CHLOROPROPENE	6.660	39	154305	11.11	PPBV	94
20) FREON 113	6.800	151	415737	9.05	PPBV	99
21) TRANS-1,2-DICHLOROETHY...	7.467	96	190404	10.74	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.427	59	332679	10.66	PPBV	98
23) METHYL TERTIARY BUTYL ...	7.710	73	392083	9.55	PPBV	99
24) TETRAHYDROFURAN	9.144	42	111570	9.01	PPBV	99
25) HEXANE	8.667	57	207399	7.94	PPBV	95
26) VINYL ACETATE	7.789	43	284777	9.56	PPBV	97
27) 1,1-DICHLOROETHANE	7.662	63	312636	10.67	PPBV	100
28) METHYL ETHYL KETONE	8.030	43	244701	9.10	PPBV	93
29) cis-1,2-DICHLOROETHYLENE	8.470	96	160232	10.23	PPBV	99
30) ETHYL ACETATE	8.663	43	404597	7.72	PPBV	100
31) CHLOROFORM	8.750	83	414026	10.21	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.711	97	432762	10.57	PPBV	99
33) CARBON TETRACHLORIDE	10.293	117	537081	11.19	PPBV	99
34) 1,2-DICHLOROETHANE	9.462	62	242510	10.19	PPBV	98
36) BENZENE	10.151	78	381394	9.17	PPBV	100
37) CYCLOHEXANE	10.417	84	177444	9.97	PPBV	98
38) TRICHLOROETHYLENE	11.145	95	235474	10.11	PPBV	99
39) 1,2-DICHLOROPROPANE	10.926	63	131144	9.30	PPBV	97
40) BROMODICHLOROMETHANE	11.106	83	378433	10.23	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.168	57	644899	10.15	PPBV	99
42) 1,4-DIOXANE	11.134	88	77597	9.46	PPBV	92
43) HEPTANE	11.406	43	230882	9.90	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3984b.D
Acq On : 17 Jul 2007 8:45 am
Operator : danat
Sample : bs (M209)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 17 14:07:21 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:27:00 2007
Response via : Initial Calibration

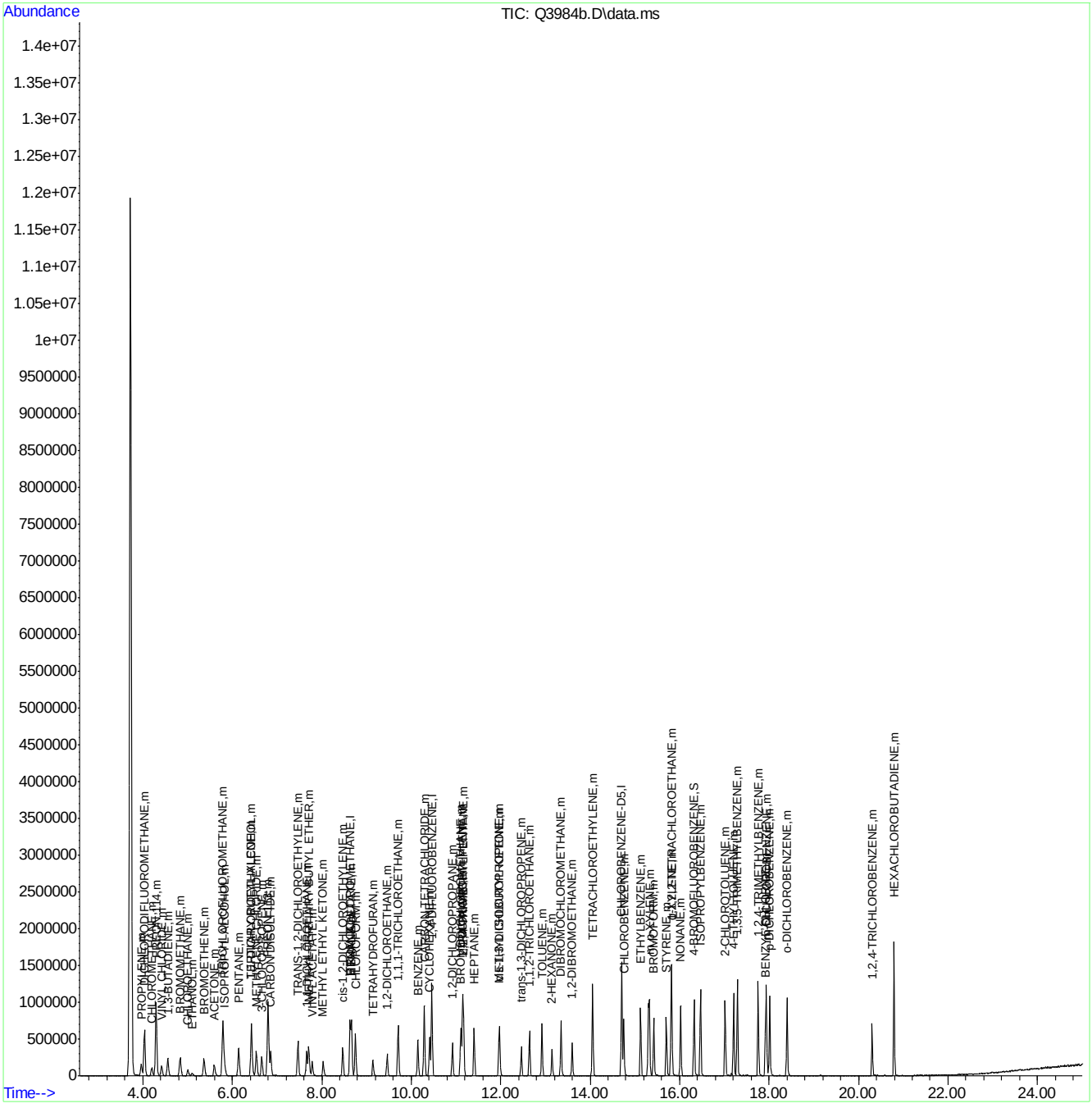
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.979	43	283781	9.50	PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.961	75	217279	10.07	PPBV	96
46) TOLUENE	12.923	92	266117	8.86	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.463	75	174783	8.86	PPBV	97
48) 1,1,2-TRICHLOROETHANE	12.643	83	142783	9.20	PPBV	99
50) 2-HEXANONE	13.147	43	235124	9.34	PPBV	97
51) TETRACHLOROETHYLENE	14.057	164	257364	9.86	PPBV	99
52) DIBROMOCHLOROMETHANE	13.349	129	368242	10.30	PPBV	99
53) 1,2-DIBROMOETHANE	13.599	107	267370	9.35	PPBV	99
54) CHLOROBENZENE	14.753	112	384893	9.30	PPBV	100
55) ETHYLBENZENE	15.129	91	619158	9.48	PPBV	99
56) m,p-XYLENE	15.326	106	483299	19.58	PPBV	97
57) o-XYLENE	15.825	106	244339	9.73	PPBV	98
58) STYRENE	15.704	104	359962	10.24	PPBV	99
59) NONANE	16.025	43	326579	10.19	PPBV	100
60) BROMOFORM	15.424	173	356220	9.82	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.810	83	380959	9.69	PPBV	98
63) ISOPROPYLBENZENE	16.467	105	762304	9.91	PPBV	99
64) 2-CHLOROTOLUENE	17.016	91	560897	10.15	PPBV	99
65) 4-ETHYLTOLUENE	17.211	105	672129	9.76	PPBV	100
66) 1,3,5-TRIMETHYLBENZENE	17.292	105	682672	10.21	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.756	105	661253	10.74	PPBV	99
68) m-DICHLOROBENZENE	17.942	146	439257	10.19	PPBV	100
69) BENZYL CHLORIDE	17.917	91	370322	10.14	PPBV	100
70) p-DICHLOROBENZENE	18.013	146	441700	10.61	PPBV	99
71) o-DICHLOROBENZENE	18.402	146	402440	9.81	PPBV	99
72) HEXACHLOROBUTADIENE	20.796	225	283891	14.09	PPBV	100
73) 1,2,4-TRICHLOROBENZENE	20.306	180	191567	13.19	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3984b.D
Acq On : 17 Jul 2007 8:45 am
Operator : danat
Sample : bs (M209)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 17 14:07:21 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:27:00 2007
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
08/20/07 11:12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4301.D
Acq On : 15 Aug 2007 3:09 pm
Operator : danat
Sample : m66975-2dup (M076)
Misc : MS14127, MSQ228,,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 17 13:51:47 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 15:27:19 2007
Response via : Initial Calibration

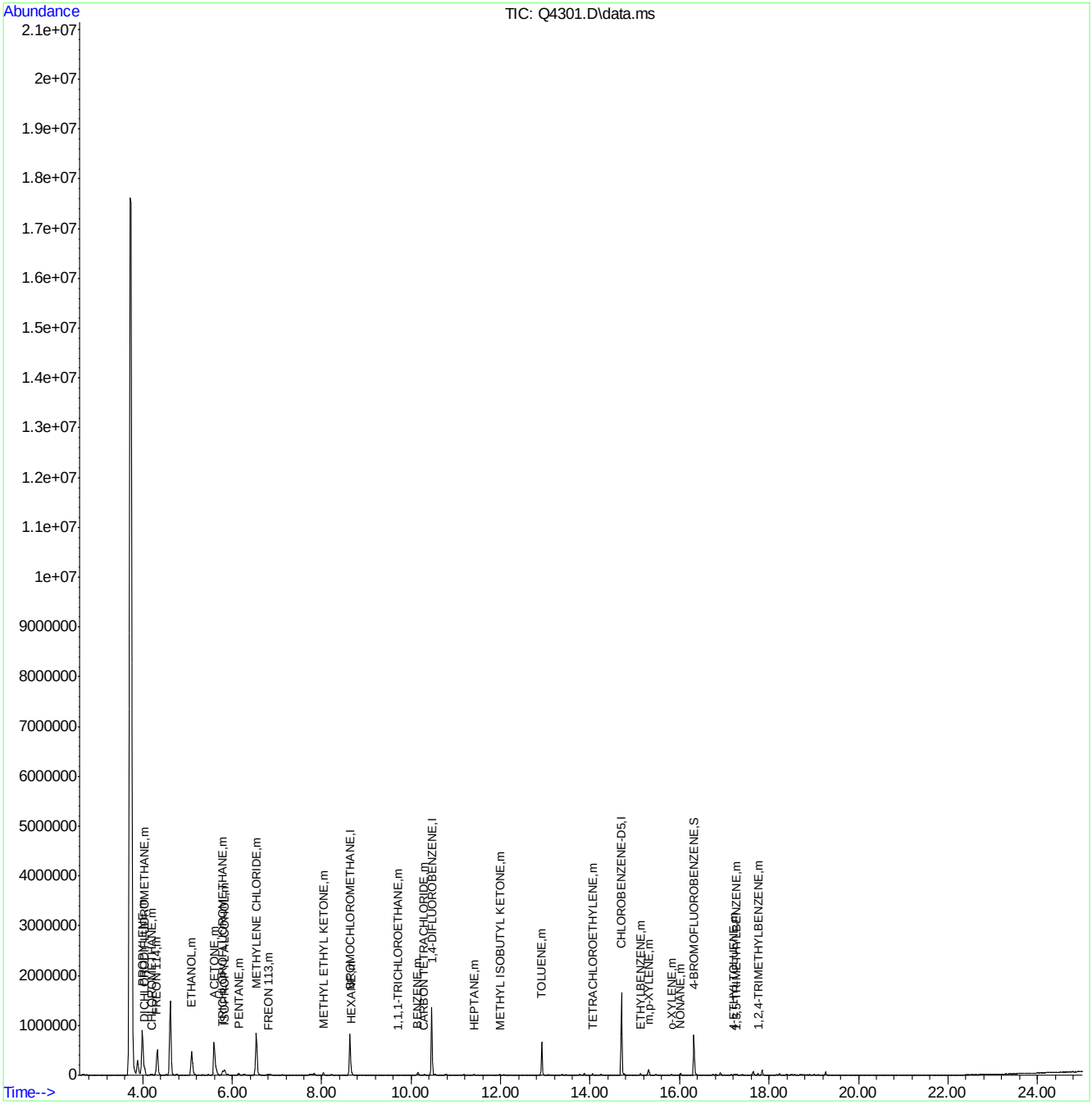
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.630	128	165192	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.458	114	776718	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.700	117	672845	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.320	95	230440	4.51	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 90.20%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.035	85	163304	1.76	PPBV	97
3) PROPYLENE	3.989	41	302141	23.91	PPBV #	40
4) FREON 114	4.299	85	35737	0.43	PPBV	91
5) CHLOROMETHANE	4.198	50	15064	0.78	PPBV	89
10) TRICHLOROFLUOROMETHANE	5.790	101	73831	0.75	PPBV	99
11) ISOPROPYL ALCOHOL	5.827	45	126854	2.95	PPBV	76
12) ACETONE	5.591	43	1081745	29.58	PPBV	99
13) PENTANE	6.151	42	19773	0.75	PPBV	84
16) ETHANOL	5.091	45	674837	71.94	PPBV	98
18) METHYLENE CHLORIDE	6.537	84	360839	14.96	PPBV	86
20) FREON 113	6.798	151	2603	0.05	PPBV #	29
25) HEXANE	8.665	57	9009	0.31	PPBV #	69
28) METHYL ETHYL KETONE	8.039	43	59520	1.59	PPBV	92
32) 1,1,1-TRICHLOROETHANE	9.704	97	5895	0.09	PPBV	95
33) CARBON TETRACHLORIDE	10.289	117	7507	0.10	PPBV	96
36) BENZENE	10.151	78	41860	0.85	PPBV	95
43) HEPTANE	11.397	43	4522	0.16	PPBV	80
44) METHYL ISOBUTYL KETONE	11.979	43	8657	0.22	PPBV	86
46) TOLUENE	12.921	92	198332	6.13	PPBV	96
51) TETRACHLOROETHYLENE	14.050	164	4961	0.18	PPBV	96
55) ETHYLBENZENE	15.126	91	19806	0.57	PPBV	96
56) m,p-XYLENE	15.303	106	31904	1.79	PPBV	96
57) o-XYLENE	15.812	106	5636	0.63	PPBV	95
59) NONANE	16.016	43	11774	0.59	PPBV #	86
65) 4-ETHYLTOLUENE	17.204	105	3230m	0.64	PPBV	
66) 1,3,5-TRIMETHYLBENZENE	17.284	105	3554	0.59	PPBV	95
67) 1,2,4-TRIMETHYLBENZENE	17.754	105	12211	0.80	PPBV	96

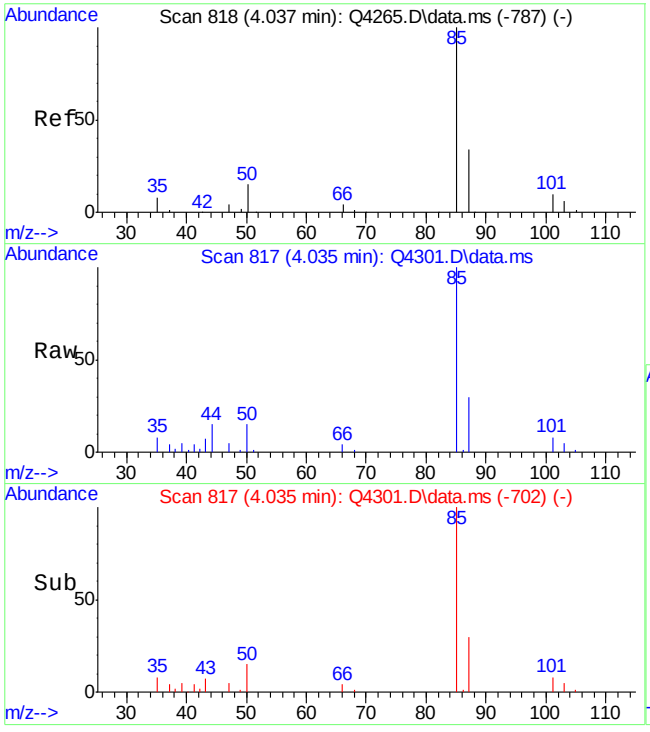
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4301.D
Acq On : 15 Aug 2007 3:09 pm
Operator : danat
Sample : m66975-2dup (M076)
Misc : MS14127, MSQ228,,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 17 13:51:47 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 15:27:19 2007
Response via : Initial Calibration

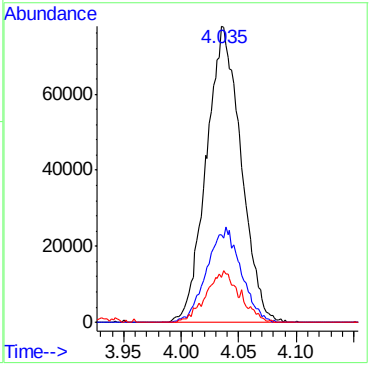


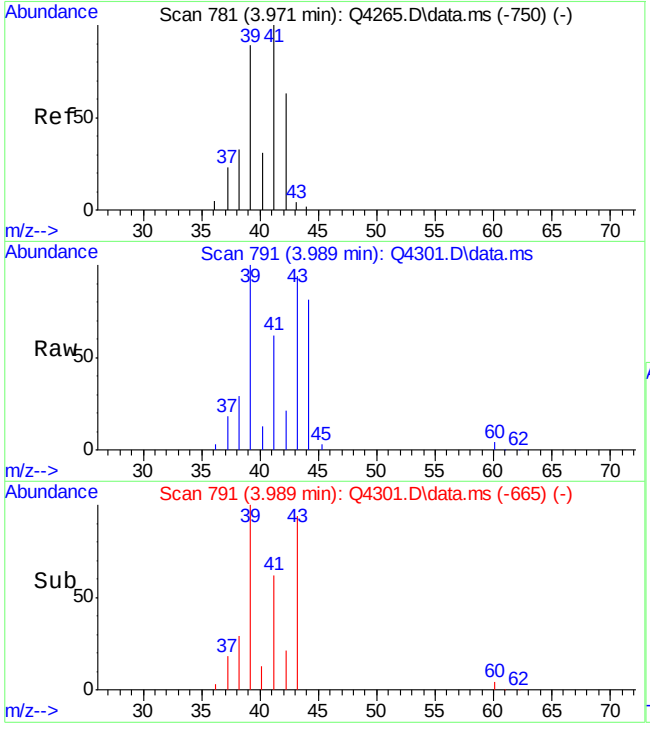


#2
DICHLORODIFLUOROMETHANE
Concen: 1.76 PPBV
RT: 4.035 min Scan# 817
Delta R.T. -0.002 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion: 85 Resp: 163304

Ion	Ratio	Lower	Upper
85	100		
87	31.6	12.7	52.7
50	17.0	0.0	34.7

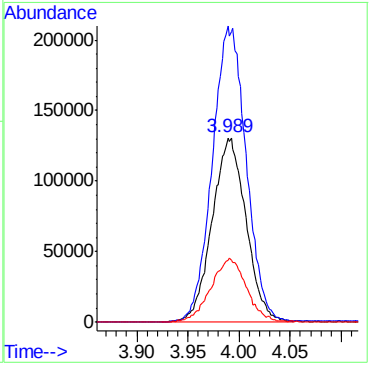


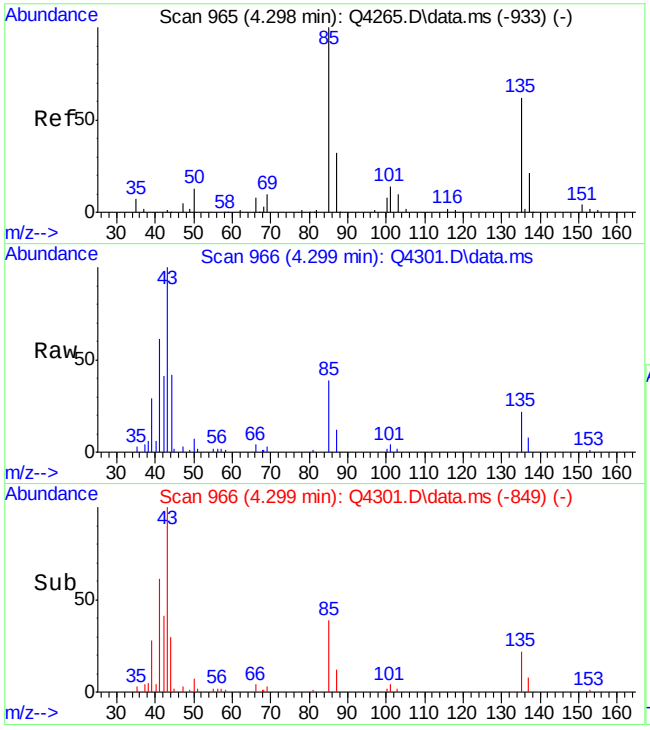


#3
PROPYLENE
Concen: 23.91 PPBV
RT: 3.989 min Scan# 791
Delta R.T. 0.018 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion: 41 Resp: 302141

Ion	Ratio	Lower	Upper
41	100		
39	160.5	69.1	109.1#
42	33.6	42.7	82.7#

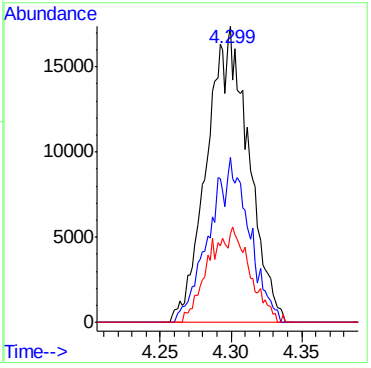


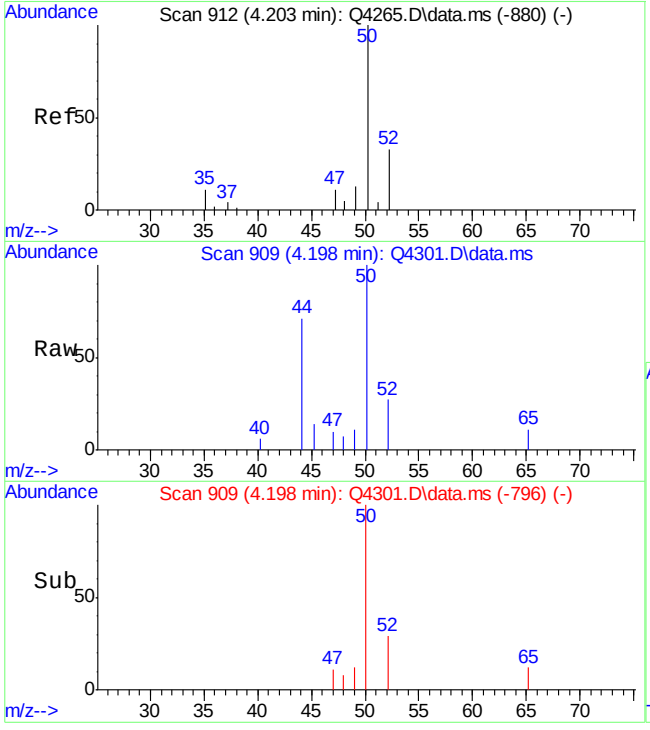


#4
FREON 114
Concen: 0.43 PPBV
RT: 4.299 min Scan# 966
Delta R.T. 0.002 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion: 85 Resp: 35737

Ion	Ratio	Lower	Upper
85	100		
135	53.0	43.1	83.1
87	31.6	12.5	52.5

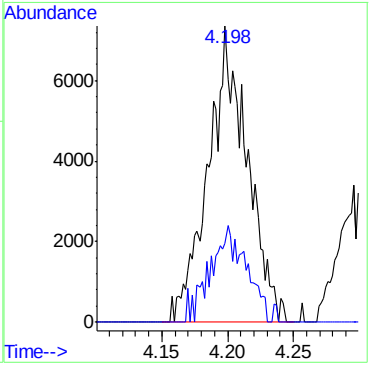


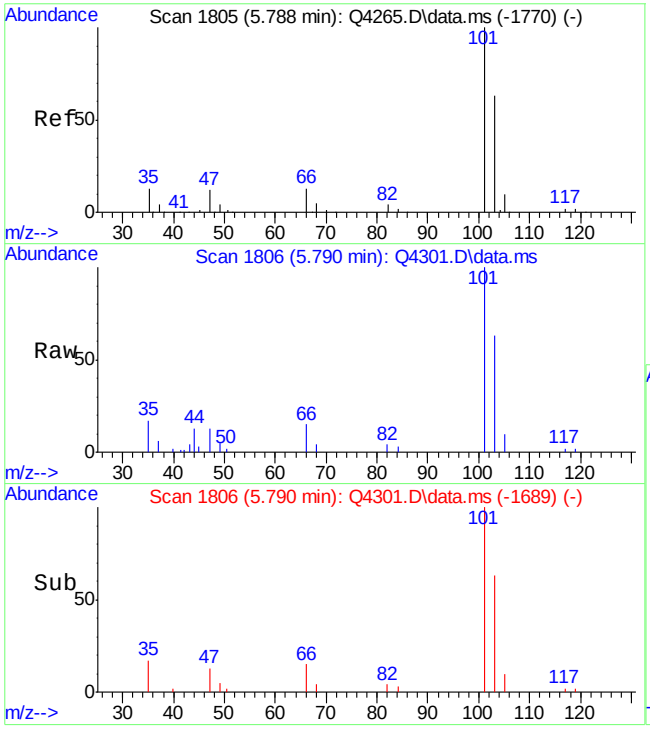


#5
CHLOROMETHANE
Concen: 0.78 PPBV
RT: 4.198 min Scan# 909
Delta R.T. -0.005 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion: 50 Resp: 15064

Ion	Ratio	Lower	Upper
50	100		
52	26.7	12.8	52.8

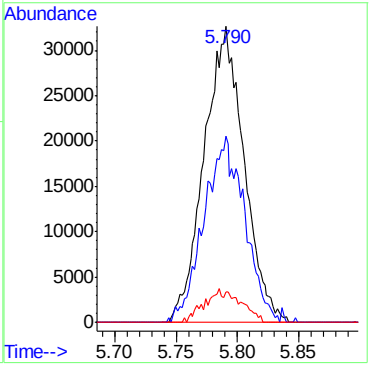


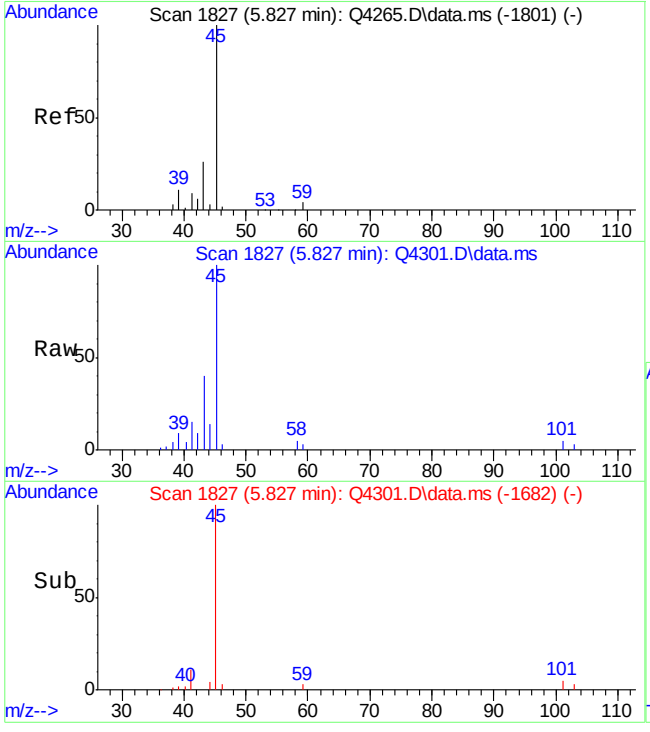


#10
TRICHLOROFLUOROMETHANE
Concen: 0.75 PPBV
RT: 5.790 min Scan# 1806
Delta R.T. 0.002 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion:101 Resp: 73831

Ion	Ratio	Lower	Upper
101	100		
103	63.9	44.5	84.5
105	10.1	0.0	30.2

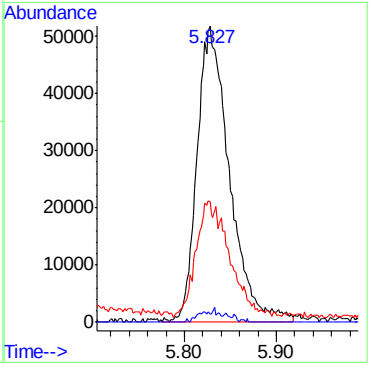


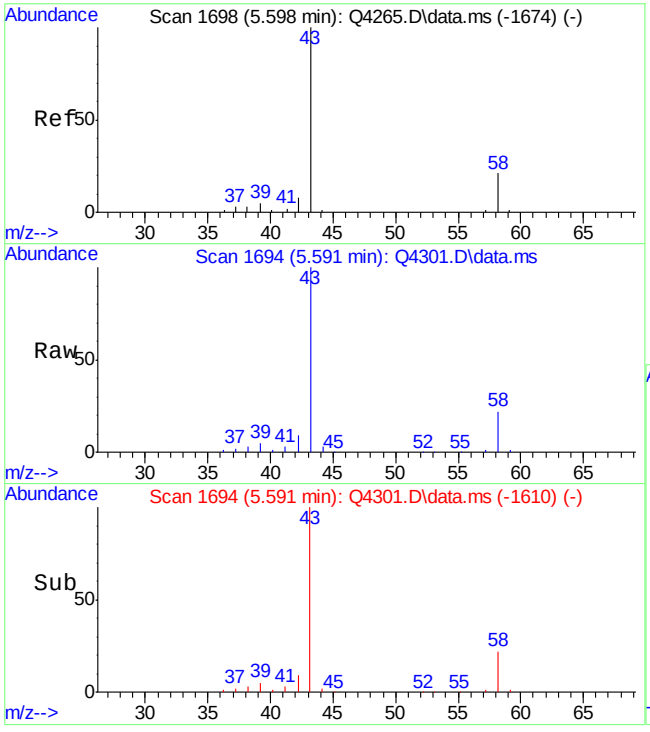


#11
ISOPROPYL ALCOHOL
Concen: 2.95 PPBV
RT: 5.827 min Scan# 1827
Delta R.T. 0.000 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion: 45 Resp: 126854

Ion	Ratio	Lower	Upper
45	100		
59	2.6	0.0	23.6
43	40.5	6.7	46.7

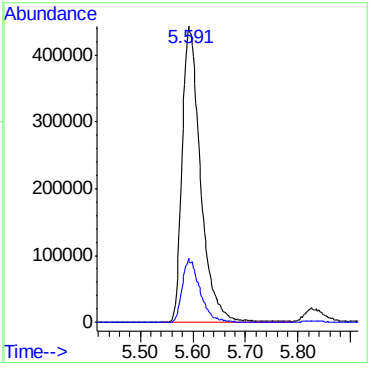


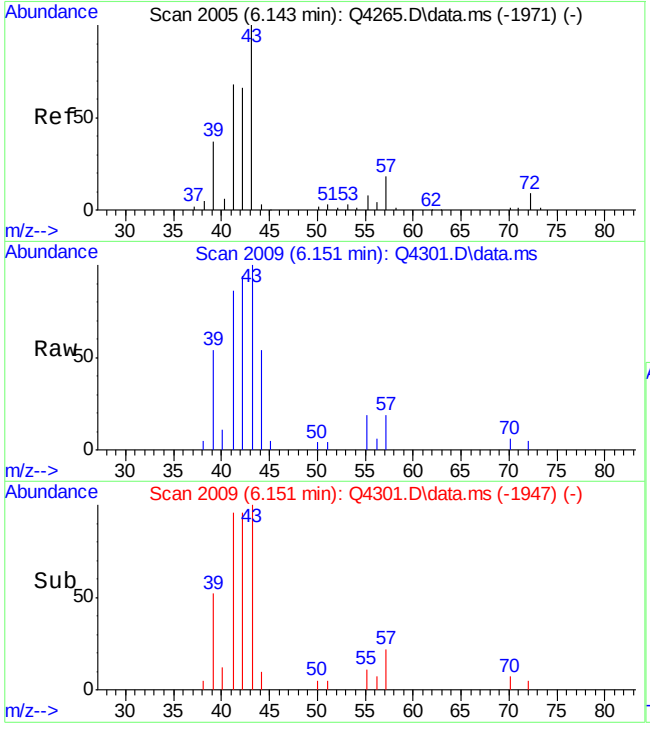


#12
ACETONE
Concen: 29.58 PPBV
RT: 5.591 min Scan# 1694
Delta R.T. -0.007 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion: 43 Resp: 1081745

Ion	Ratio	Lower	Upper
43	100		
58	20.4	0.0	40.0

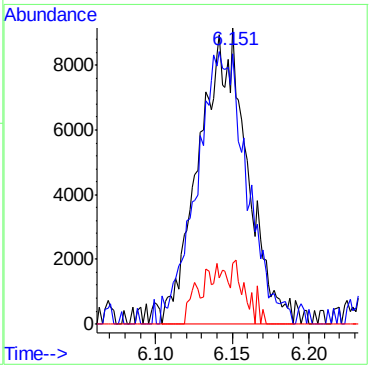


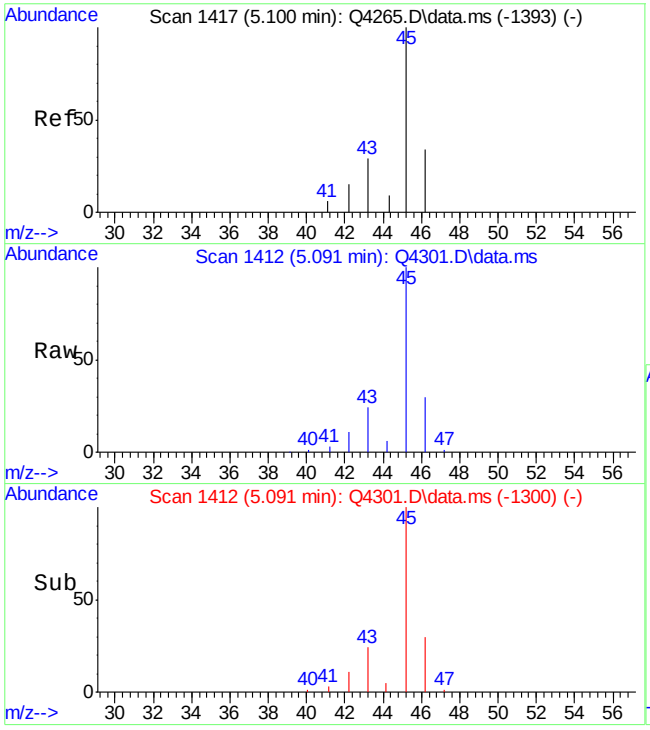


#13
PENTANE
Concen: 0.75 PPBV
RT: 6.151 min Scan# 2009
Delta R.T. 0.007 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion: 42 Resp: 19773

Ion	Ratio	Lower	Upper
42	100		
41	97.0	93.8	133.8
57	17.2	5.6	45.6

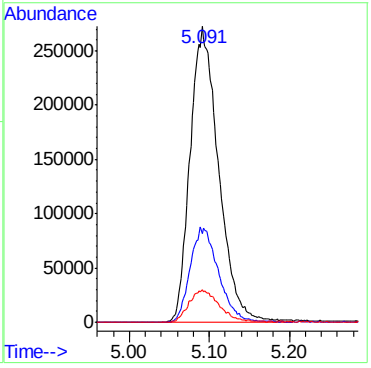


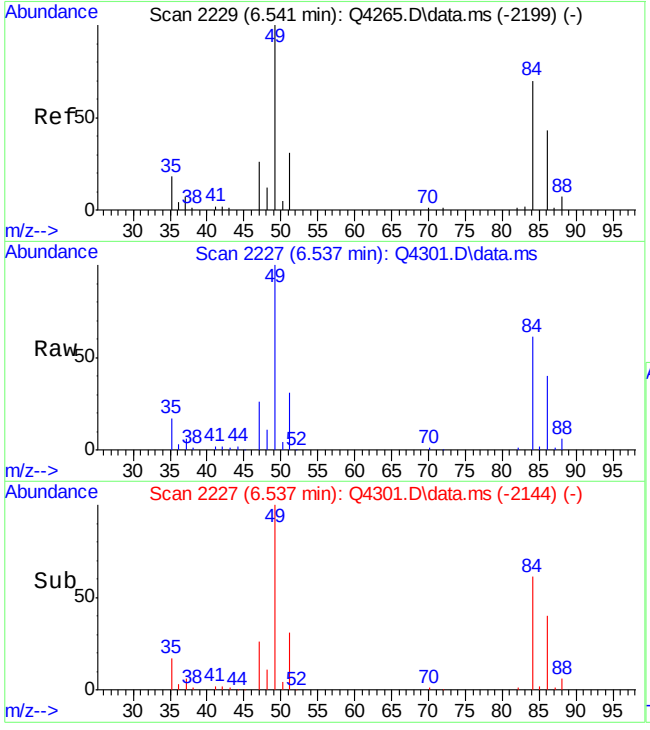


#16
ETHANOL
Concen: 71.94 PPBV
RT: 5.091 min Scan# 1412
Delta R.T. -0.008 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion: 45 Resp: 674837

Ion	Ratio	Lower	Upper
45	100		
46	32.0	11.0	51.0
42	11.8	0.0	33.0

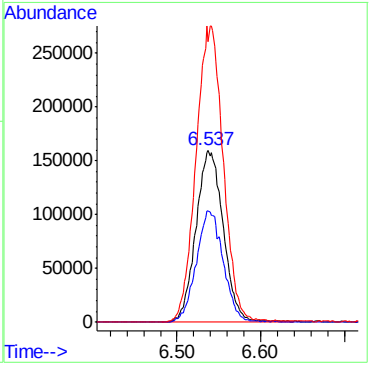


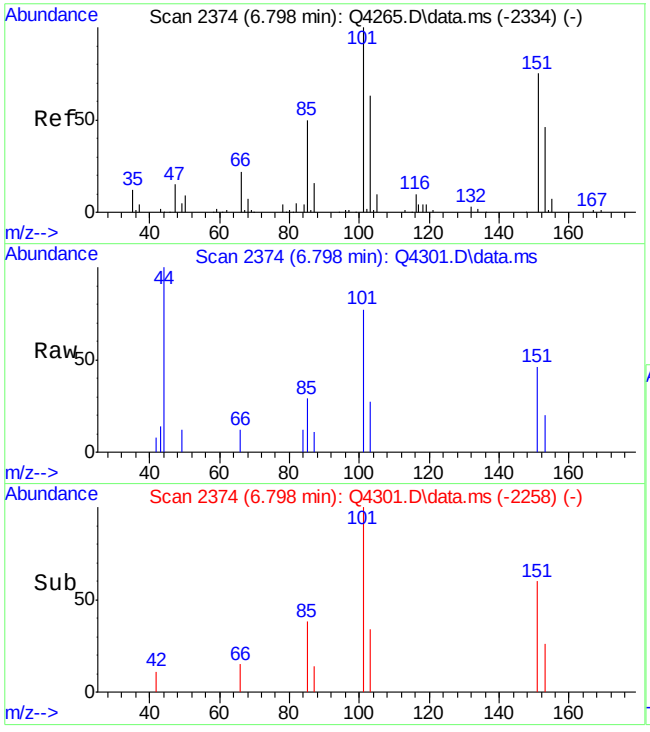


#18
METHYLENE CHLORIDE
Concen: 14.96 PPBV
RT: 6.537 min Scan# 2227
Delta R.T. -0.003 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion: 84 Resp: 360839

Ion	Ratio	Lower	Upper
84	100		
86	63.6	43.2	83.2
49	172.9	0.0	347.4

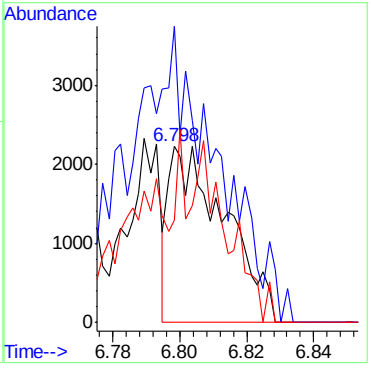


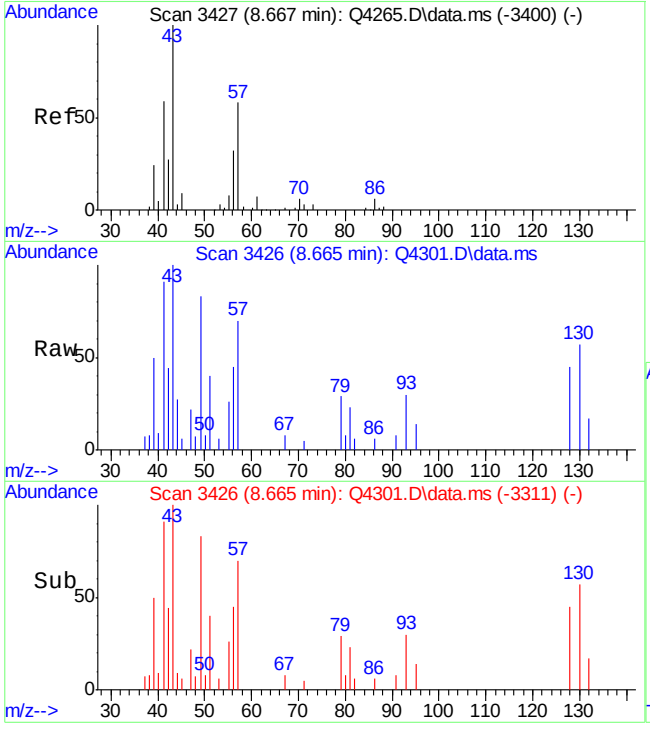


#20
FREON 113
Concen: 0.05 PPBV
RT: 6.798 min Scan# 2374
Delta R.T. 0.000 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion:151 Resp: 2603

Ion	Ratio	Lower	Upper
151	100		
101	267.2	117.2	157.2#
103	97.4	66.8	106.8

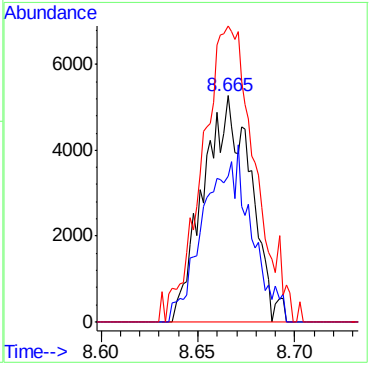


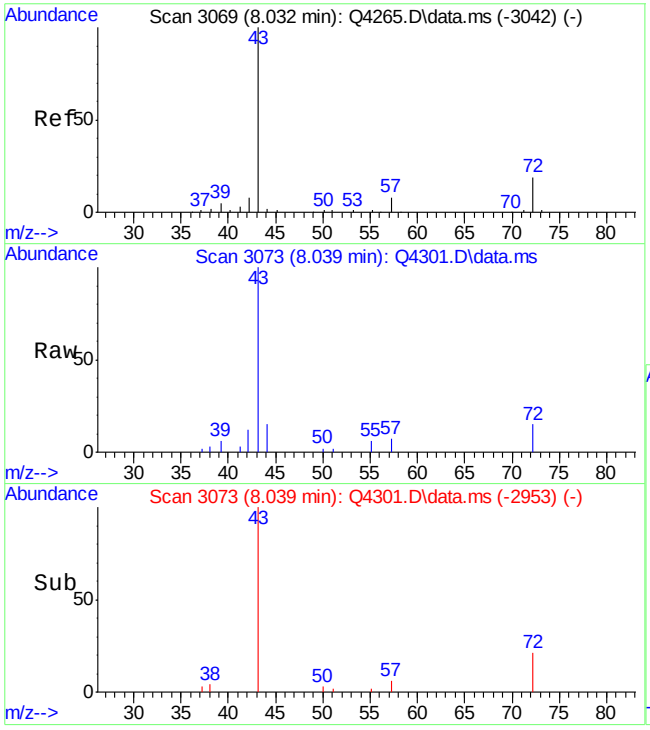


#25
HEXANE
Concen: 0.31 PPBV
RT: 8.665 min Scan# 3426
Delta R.T. -0.002 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion: 57 Resp: 9009

Ion	Ratio	Lower	Upper
57	100		
56	75.4	37.2	77.2
41	144.8	89.3	129.3#

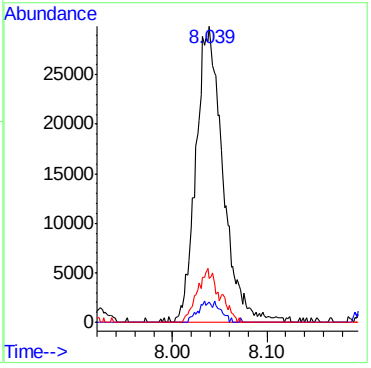


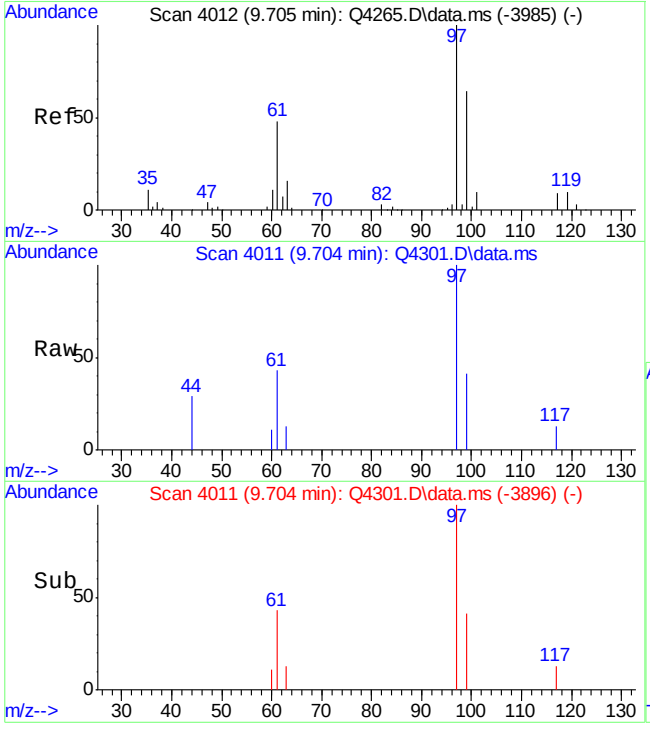


#28
METHYL ETHYL KETONE
Concen: 1.59 PPBV
RT: 8.039 min Scan# 3073
Delta R.T. 0.007 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion: 43 Resp: 59520

Ion	Ratio	Lower	Upper
43	100		
57	6.7	0.0	27.8
72	14.7	0.0	39.1

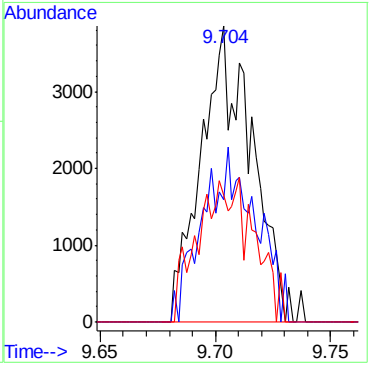




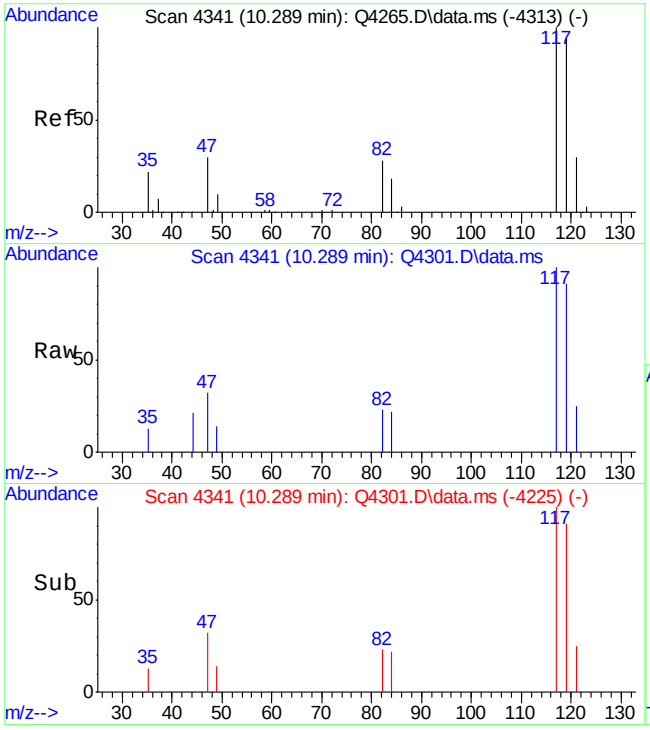
#32
1,1,1-TRICHLOROETHANE
Concen: 0.09 PPBV
RT: 9.704 min Scan# 4011
Delta R.T. -0.002 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion: 97 Resp: 5895

Ion	Ratio	Lower	Upper
97	100		
99	60.9	43.8	83.8
61	53.7	29.1	69.1



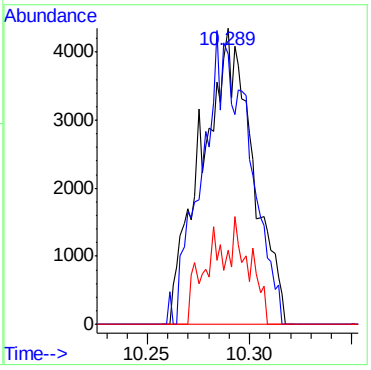
ACCUTEST Laboratories M66975

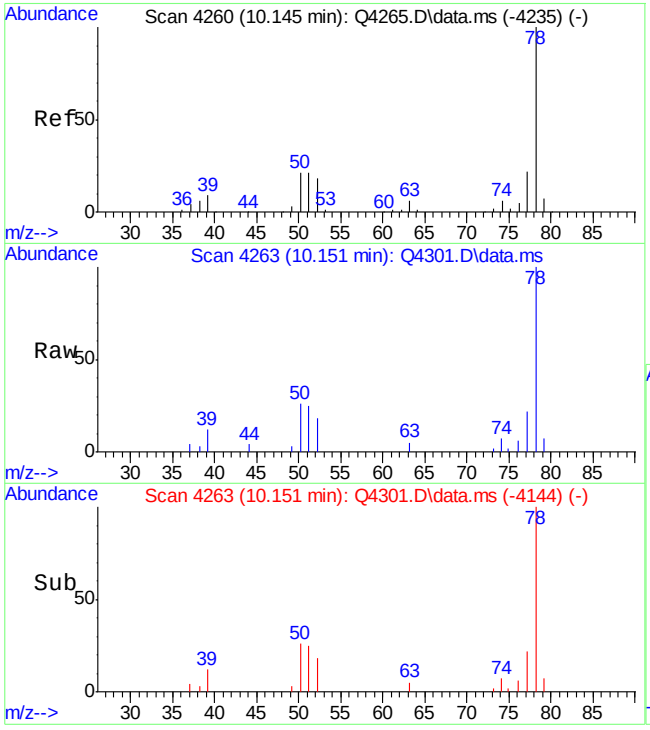


#33
CARBON TETRACHLORIDE
Concen: 0.10 PPBV
RT: 10.289 min Scan# 4341
Delta R.T. 0.000 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion:117 Resp: 7507

Ion	Ratio	Lower	Upper
117	100		
119	92.4	75.5	115.5
121	26.9	10.0	50.0

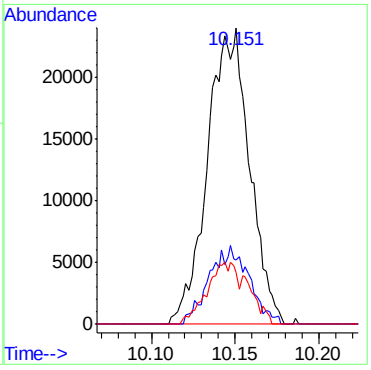


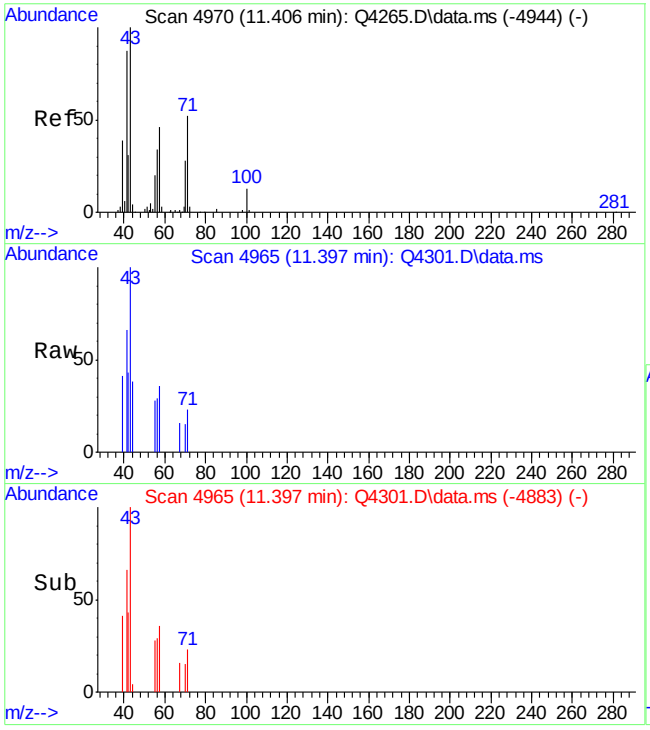


#36
BENZENE
Concen: 0.85 PPBV
RT: 10.151 min Scan# 4263
Delta R.T. 0.005 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion: 78 Resp: 41860

Ion	Ratio	Lower	Upper
78	100		
77	24.9	3.1	43.1
52	20.5	0.0	37.8

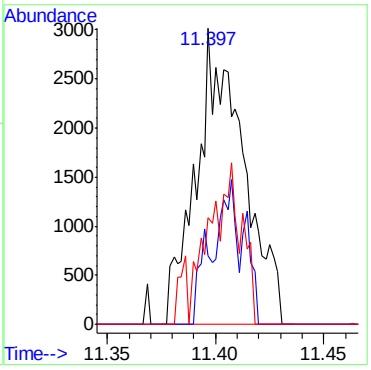


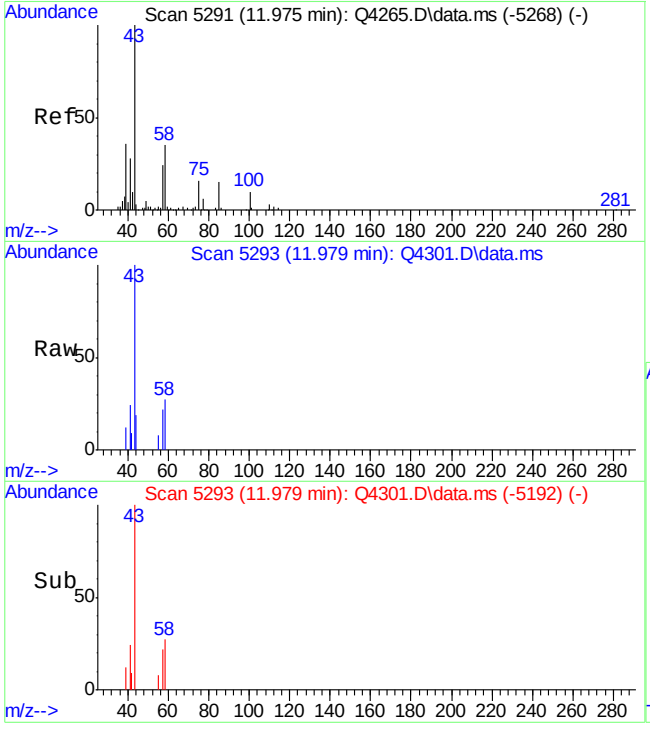


#43
HEPTANE
Concen: 0.16 PPBV
RT: 11.397 min Scan# 4965
Delta R.T. -0.009 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion: 43 Resp: 4522

Ion	Ratio	Lower	Upper
43	100		
71	32.8	32.1	72.1
57	41.2	30.1	70.1

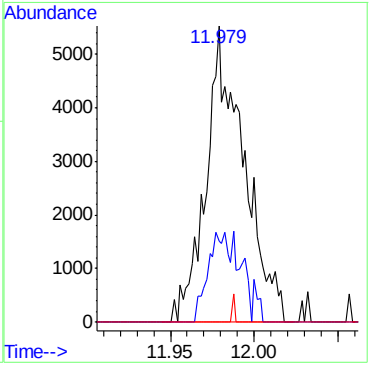


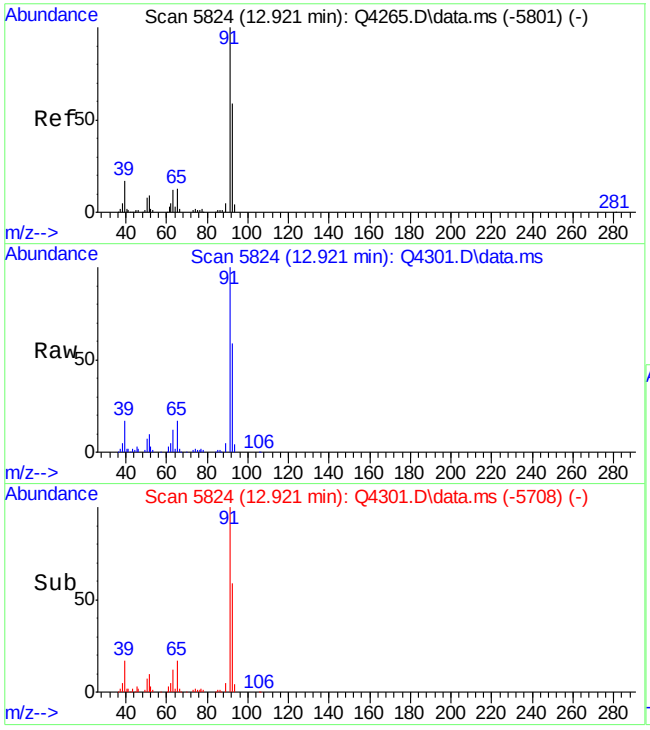


#44
METHYL ISOBUTYL KETONE
Concen: 0.22 PPBV
RT: 11.979 min Scan# 5293
Delta R.T. 0.004 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion: 43 Resp: 8657

Ion	Ratio	Lower	Upper
43	100		
58	27.0	13.6	53.6
100	0.6	0.0	29.5

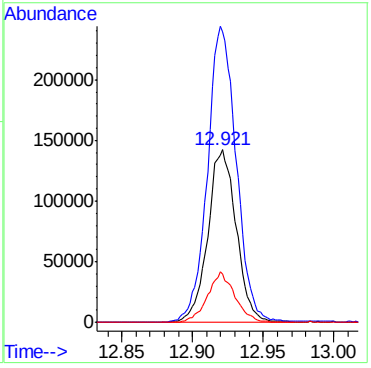


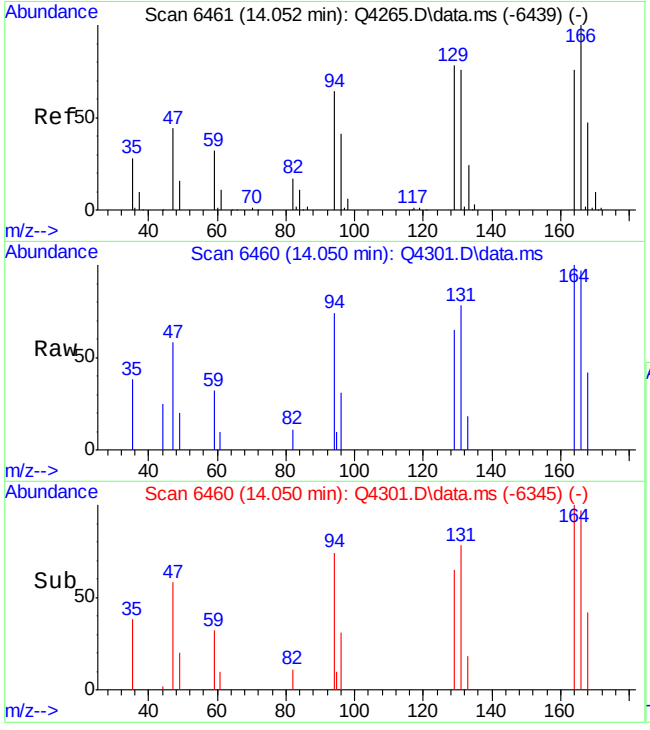


#46
TOLUENE
Concen: 6.13 PPBV
RT: 12.921 min Scan# 5824
Delta R.T. 0.000 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion: 92 Resp: 198332

Ion	Ratio	Lower	Upper
92	100		
91	174.6	149.9	189.9
65	27.9	3.6	43.6

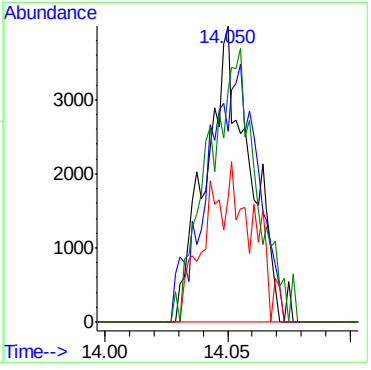


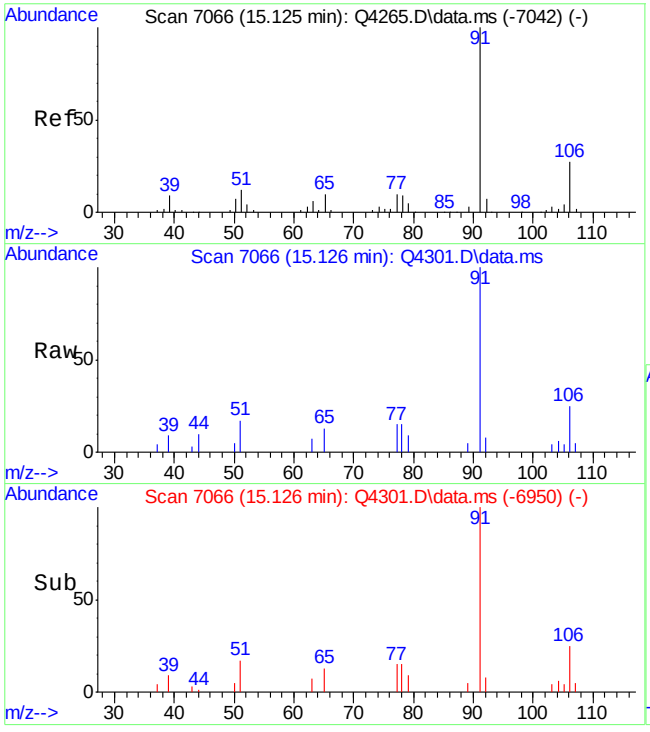


#51
TETRACHLOROETHYLENE
Concen: 0.18 PPBV
RT: 14.050 min Scan# 6460
Delta R.T. -0.002 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion:164 Resp: 4961

Ion	Ratio	Lower	Upper
164	100		
129	100.2	84.3	124.3
168	57.8	42.7	82.7
131	102.3	79.9	119.9

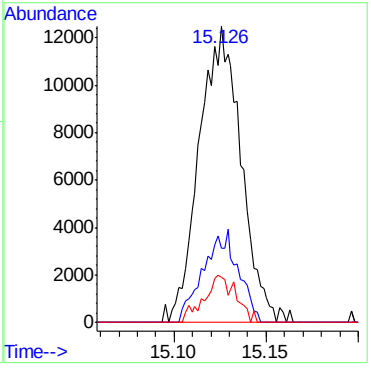


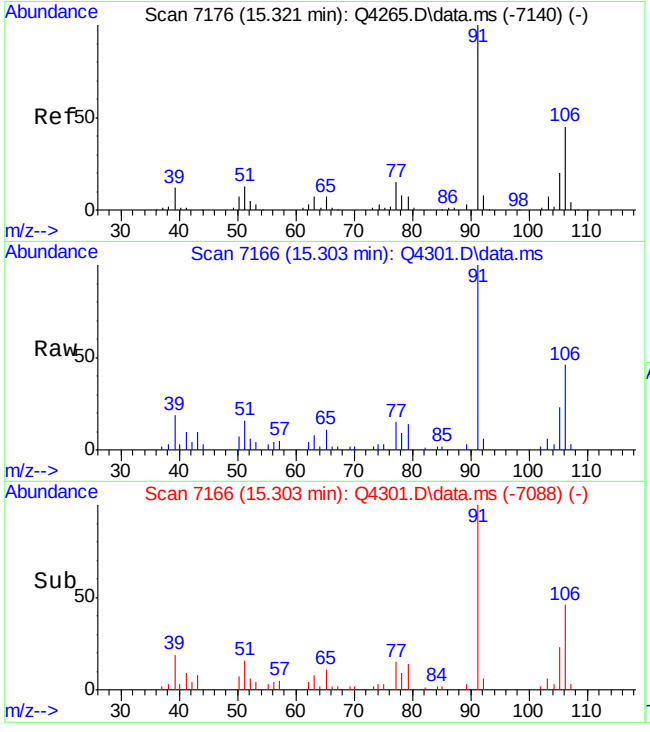


#55
ETHYLBENZENE
Concen: 0.57 PPBV
RT: 15.126 min Scan# 7066
Delta R.T. 0.001 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion: 91 Resp: 19806

Ion	Ratio	Lower	Upper
91	100		
106	25.8	7.5	47.5
77	11.9	0.0	30.2

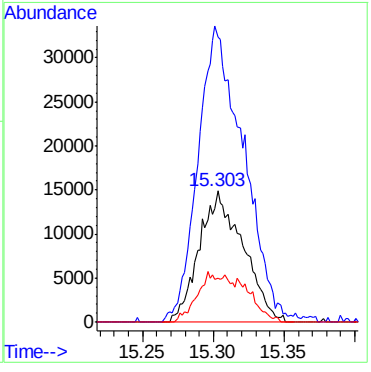




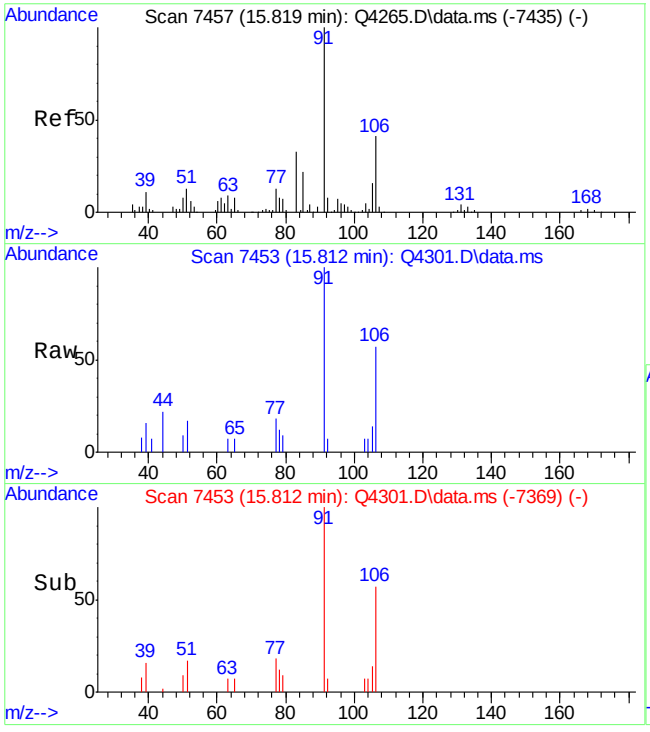
#56
m,p-XYLENE
Concen: 1.79 PPBV
RT: 15.303 min Scan# 7166
Delta R.T. -0.017 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion:106 Resp: 31904

Ion	Ratio	Lower	Upper
106	100		
91	217.1	179.8	269.6
77	33.2	26.6	39.8



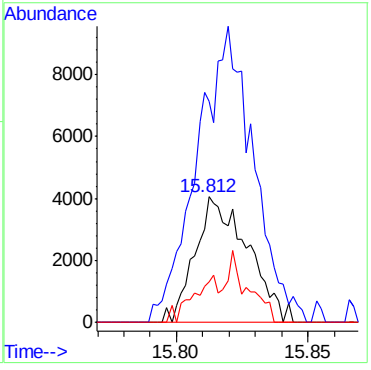
ACCUTEST Laboratories M66975

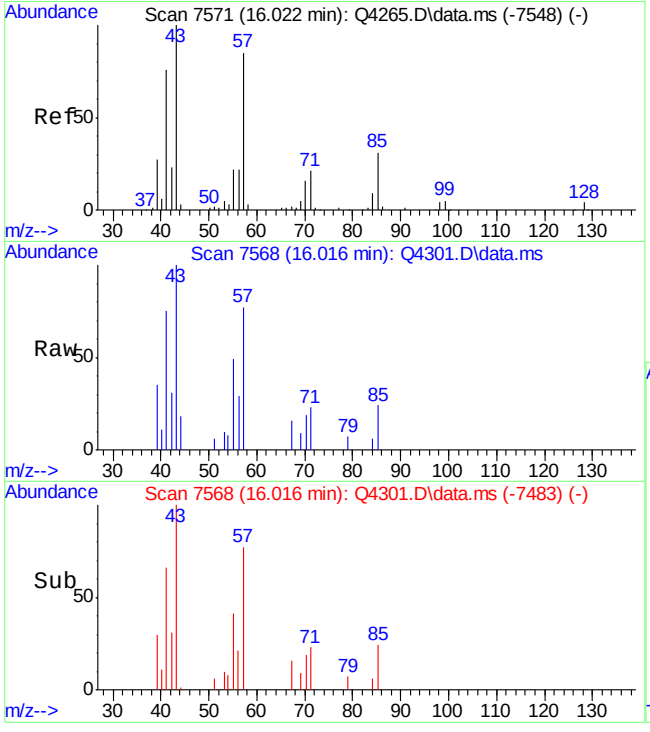


#57
o-XYLENE
Concen: 0.63 PPBV
RT: 15.812 min Scan# 7453
Delta R.T. -0.007 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion:106 Resp: 5636

Ion	Ratio	Lower	Upper
106	100		
91	254.1	227.6	267.6
77	41.1	13.7	53.7

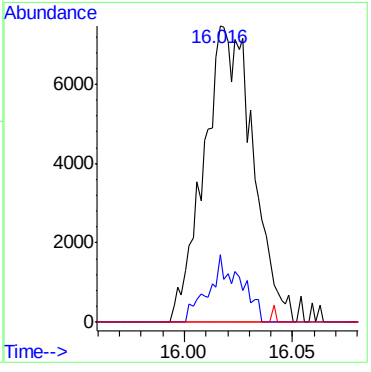


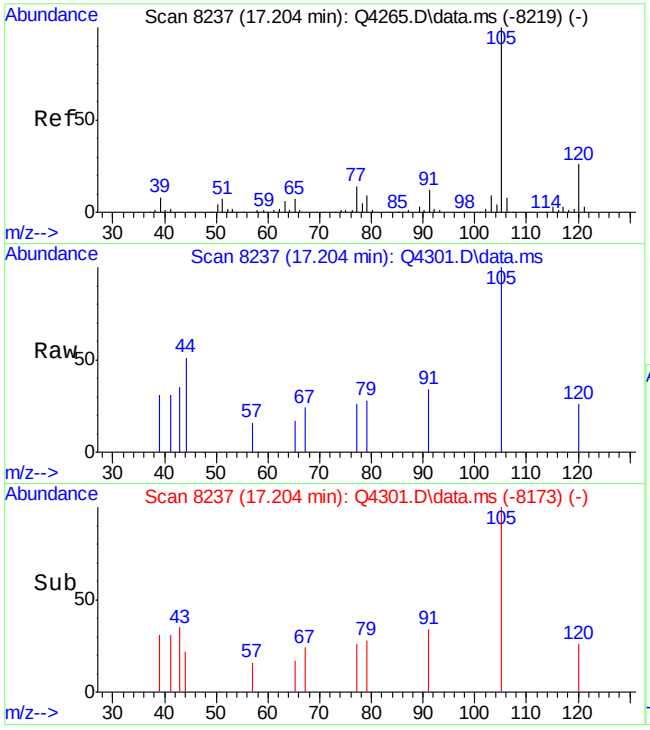


#59
NONANE
Concen: 0.59 PPBV
RT: 16.016 min Scan# 7568
Delta R.T. -0.005 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion: 43 Resp: 11774

Ion	Ratio	Lower	Upper
43	100		
71	14.6	1.2	41.2
128	0.0	0.0	23.8

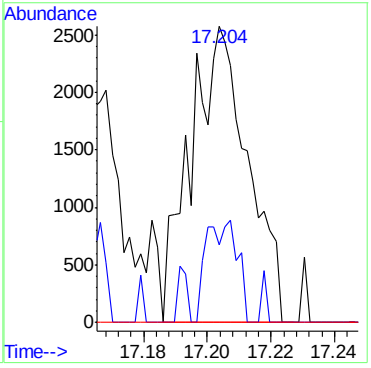


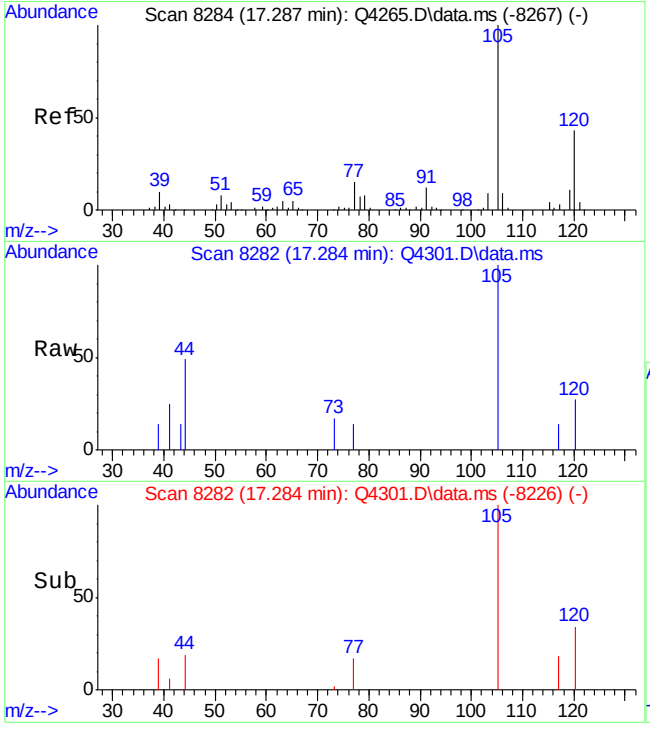


#65
4-ETHYLTOLUENE
Concen: 0.64 PPBV m
RT: 17.204 min Scan# 8237
Delta R.T. 0.001 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion:105 Resp: 3230

Ion	Ratio	Lower	Upper
105	100		
120	47.1	6.7	46.7#
119	1.5	0.0	22.3

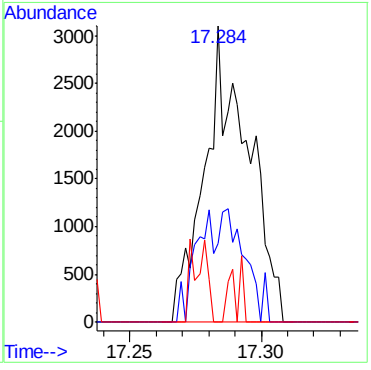


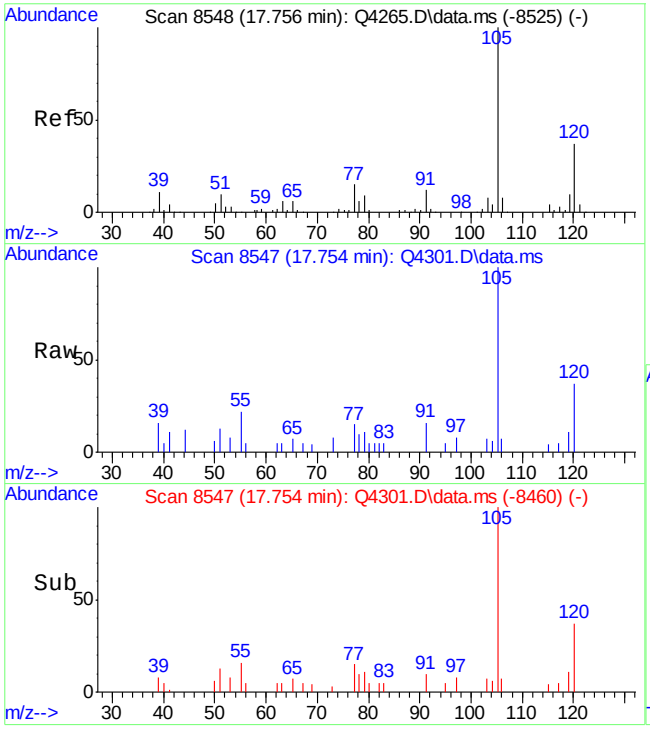


#66
1,3,5-TRIMETHYLBENZENE
Concen: 0.59 PPBV
RT: 17.284 min Scan# 8282
Delta R.T. -0.003 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion:105 Resp: 3554

Ion	Ratio	Lower	Upper
105	100		
120	39.9	23.7	63.7
91	14.3	0.0	32.7

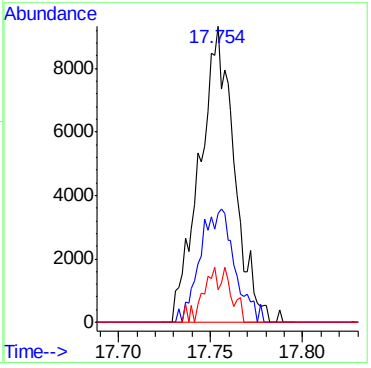




#67
1,2,4-TRIMETHYLBENZENE
Concen: 0.80 PPBV
RT: 17.754 min Scan# 8547
Delta R.T. -0.001 min
Lab File: Q4301.D
Acq: 15 Aug 2007 3:09 pm

Tgt Ion:105 Resp: 12211

Ion	Ratio	Lower	Upper
105	100		
120	38.1	19.5	59.5
119	13.6	0.0	30.2



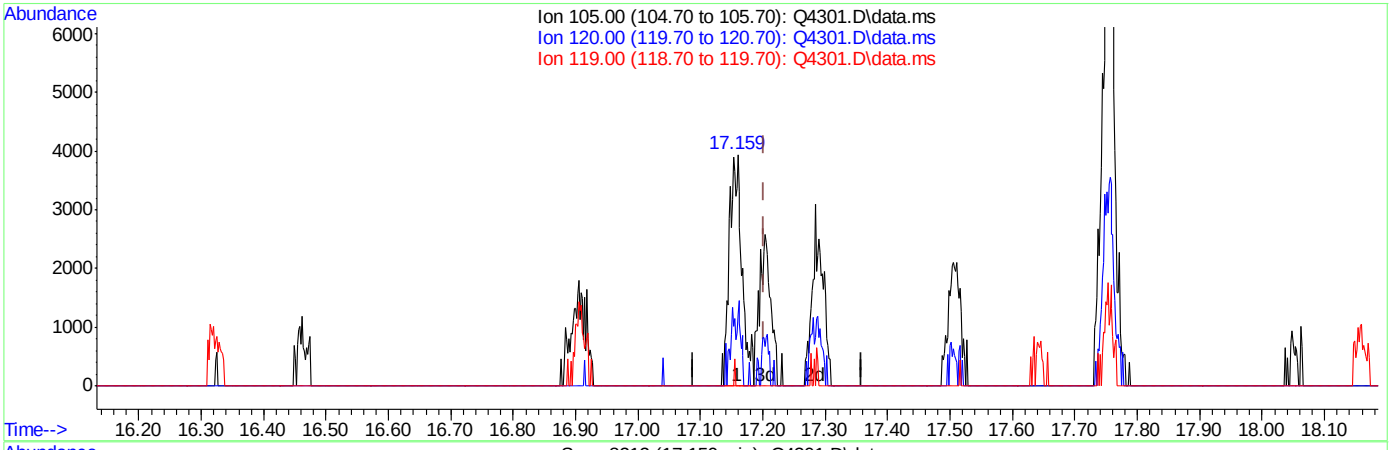
6.4.1

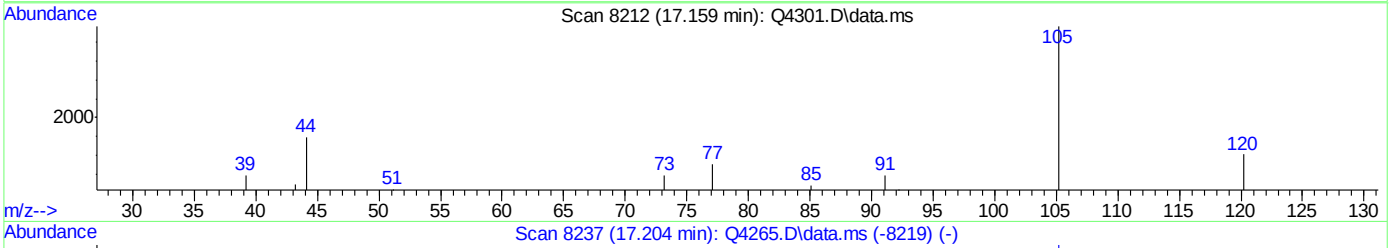
6

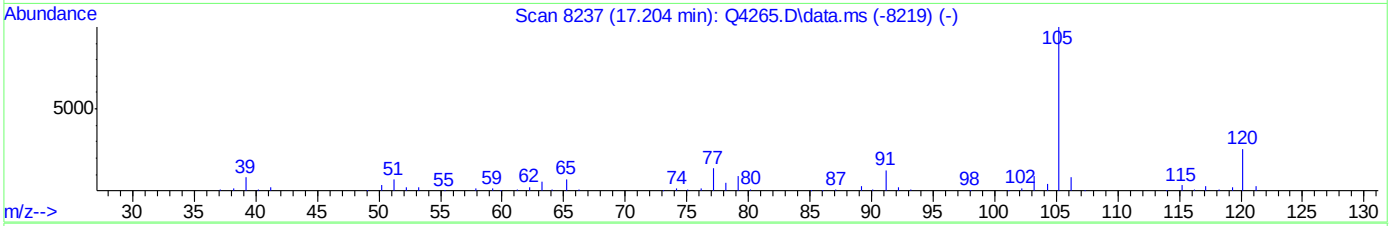
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4301.D
Acq On : 15 Aug 2007 3:09 pm
Operator : danat
Sample : m66975-2dup (M076)
Misc : MS14127, MSQ228,,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 15 15:36:57 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 15:27:19 2007
Response via : Initial Calibration







TIC: Q4301.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.159min (-0.044) 0.66PPBV

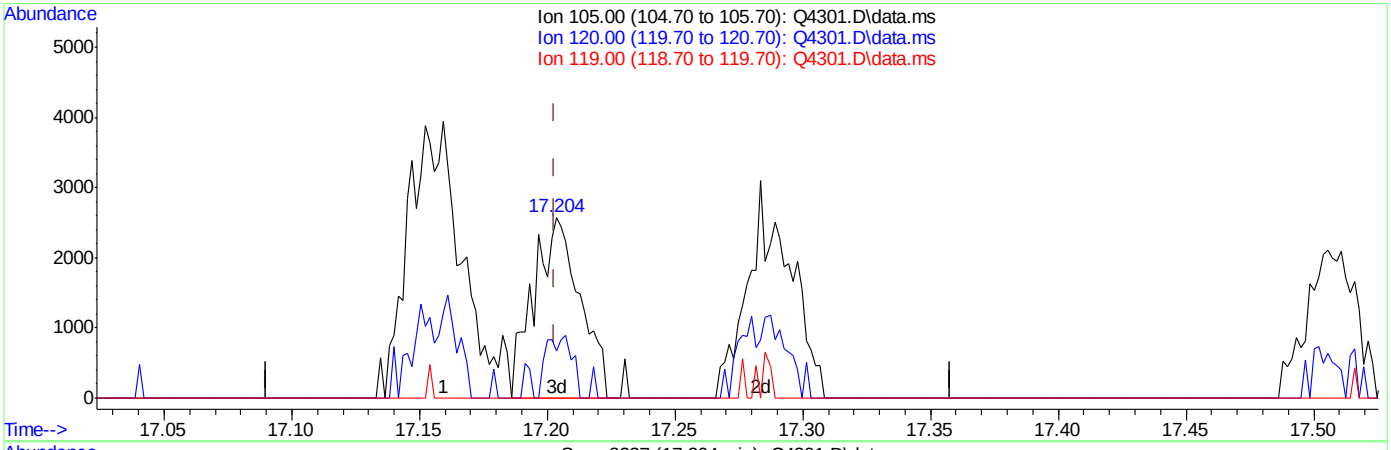
response 5765

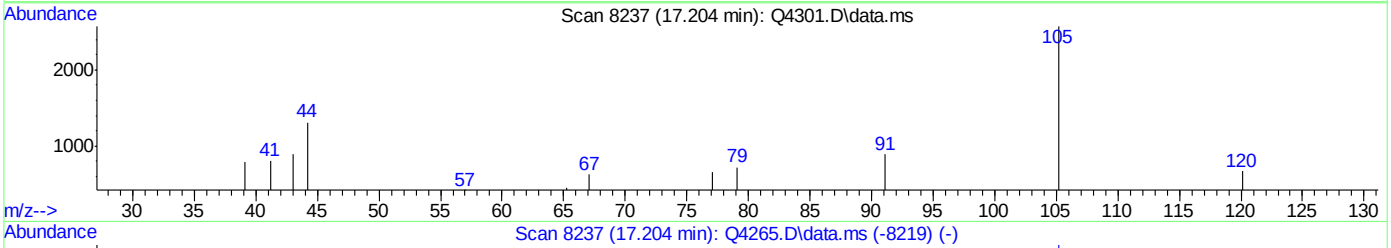
Ion	Exp%	Act%
105.00	100	100
120.00	26.70	26.40
119.00	2.30	0.87
0.00	0.00	0.00

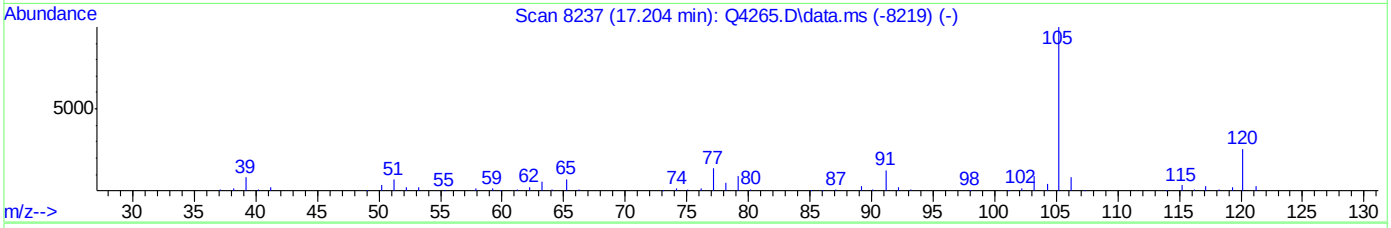
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4301.D
Acq On : 15 Aug 2007 3:09 pm
Operator : danat
Sample : m66975-2dup (M076)
Misc : MS14127, MSQ228,,,,,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 15 15:36:57 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 15:27:19 2007
Response via : Initial Calibration







TIC: Q4301.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.204min (+0.001) 0.64PPBV m

response 3230

Ion	Exp%	Act%
105.00	100	100
120.00	26.70	47.12#
119.00	2.30	1.55
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
07/18/07 19:08

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3990.D
Acq On : 17 Jul 2007 1:01 pm
Operator : danat
Sample : scc (M076)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 18 08:42:19 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:27:00 2007
Response via : Initial Calibration

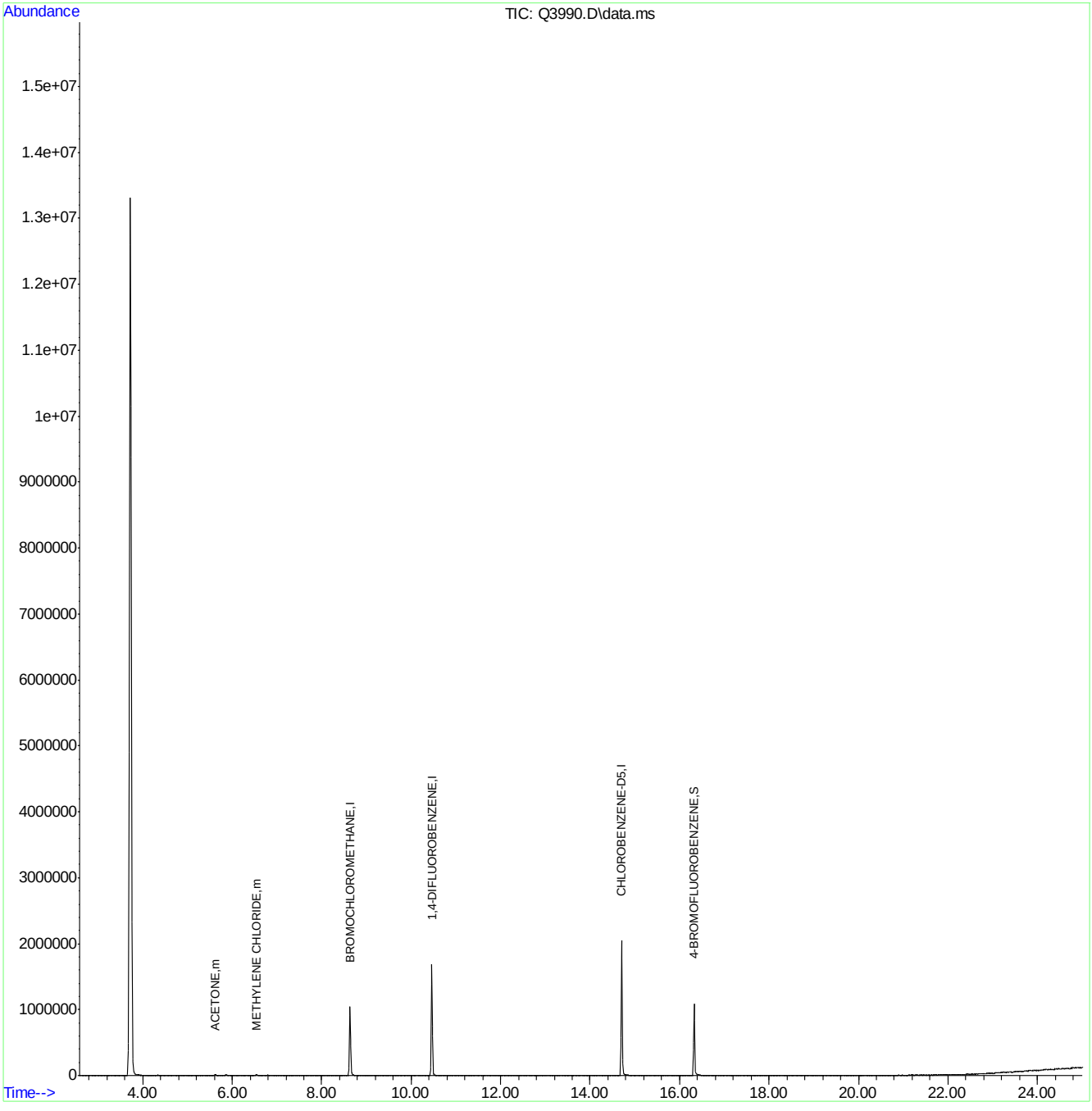
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.630	128	236761	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.461	114	1093738	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.707	117	913225	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.323	95	333606	4.97	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 99.40%			
Target Compounds						Qvalue
12) ACETONE	5.611	43	12556	0.55	PPBV	88
18) METHYLENE CHLORIDE	6.541	84	3067m	0.36	PPBV	

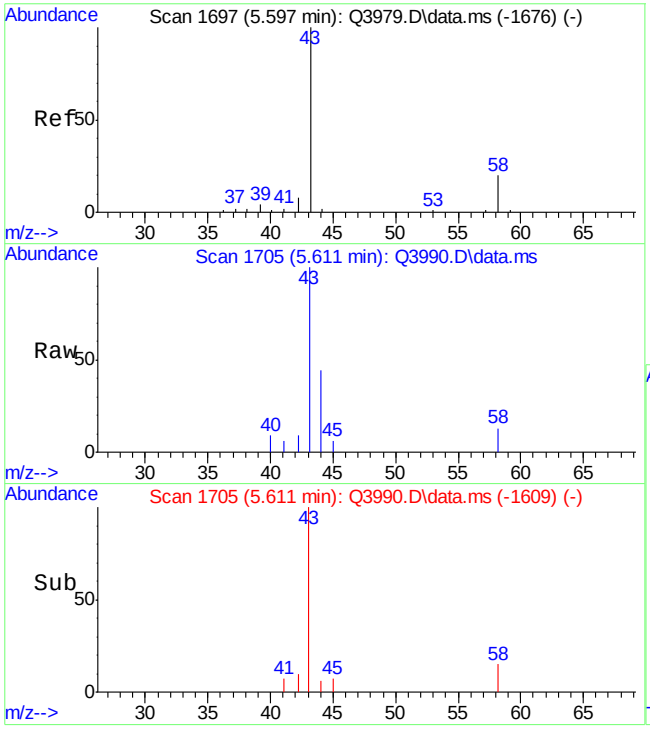
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3990.D
Acq On : 17 Jul 2007 1:01 pm
Operator : danat
Sample : scc (M076)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 18 08:42:19 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:27:00 2007
Response via : Initial Calibration

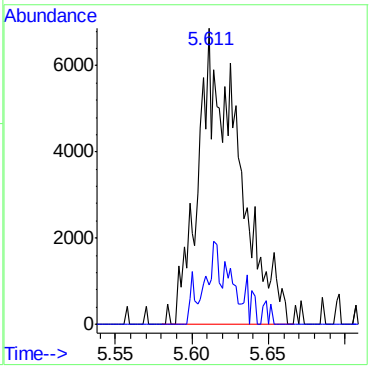


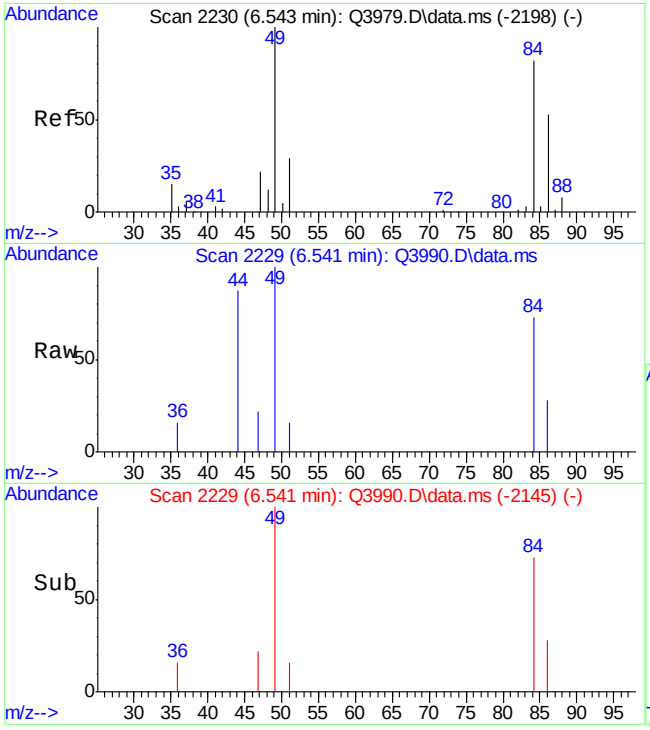


#12
ACETONE
Concen: 0.55 PPBV
RT: 5.611 min Scan# 1705
Delta R.T. 0.015 min
Lab File: Q3990.D
Acq: 17 Jul 2007 1:01 pm

Tgt Ion: 43 Resp: 12556

Ion	Ratio	Lower	Upper
43	100		
58	18.0	4.0	44.0

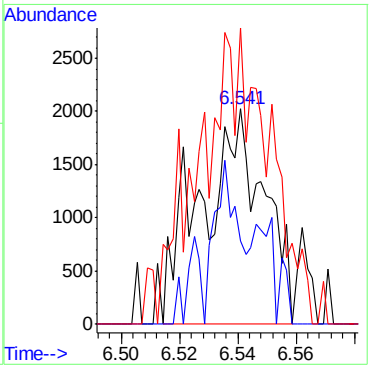




#18
METHYLENE CHLORIDE
Concen: 0.36 PPBV m
RT: 6.541 min Scan# 2229
Delta R.T. -0.001 min
Lab File: Q3990.D
Acq: 17 Jul 2007 1:01 pm

Tgt Ion: 84 Resp: 3067

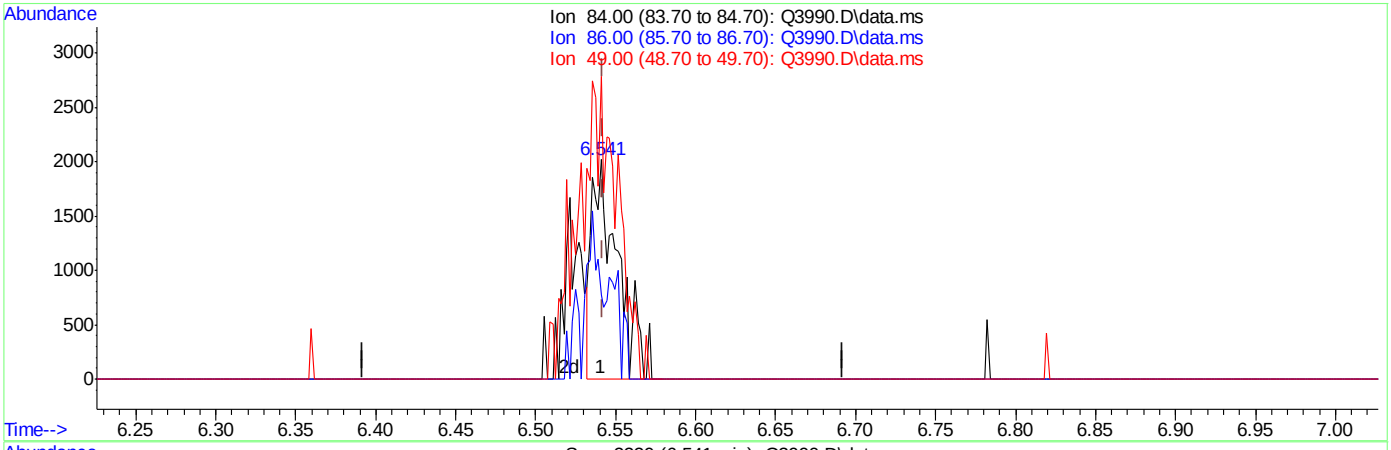
Ion	Ratio	Lower	Upper
84	100		
86	55.2	45.0	85.0
49	155.5	0.0	327.5

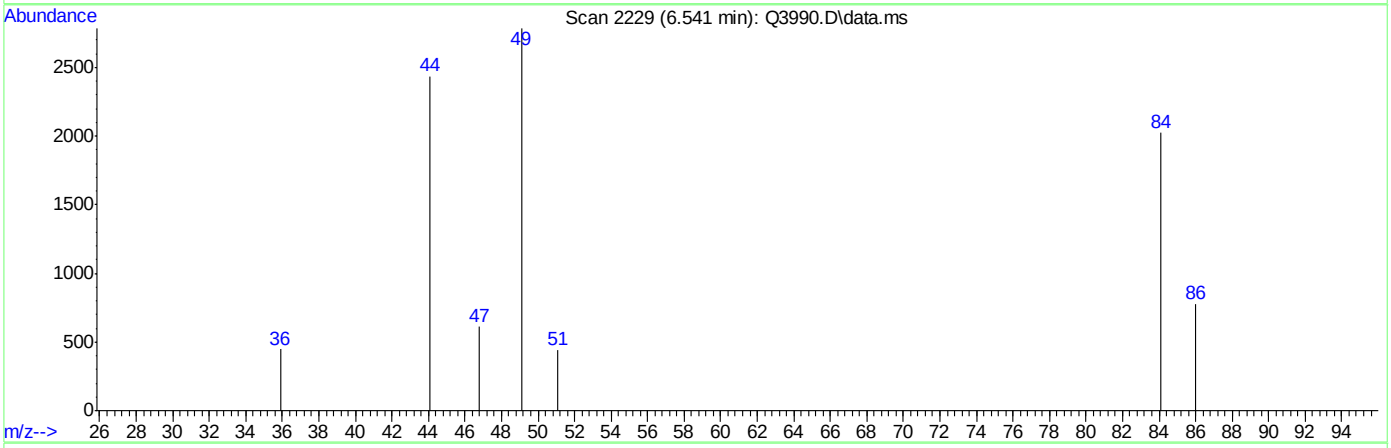


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3990.D
Acq On : 17 Jul 2007 1:01 pm
Operator : danat
Sample : scc (M076)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 17 13:29:35 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:27:00 2007
Response via : Initial Calibration





TIC: Q3990.D\data.ms

(18) METHYLENE CHLORIDE (m)

6.541min (-0.001) 0.33PPBV

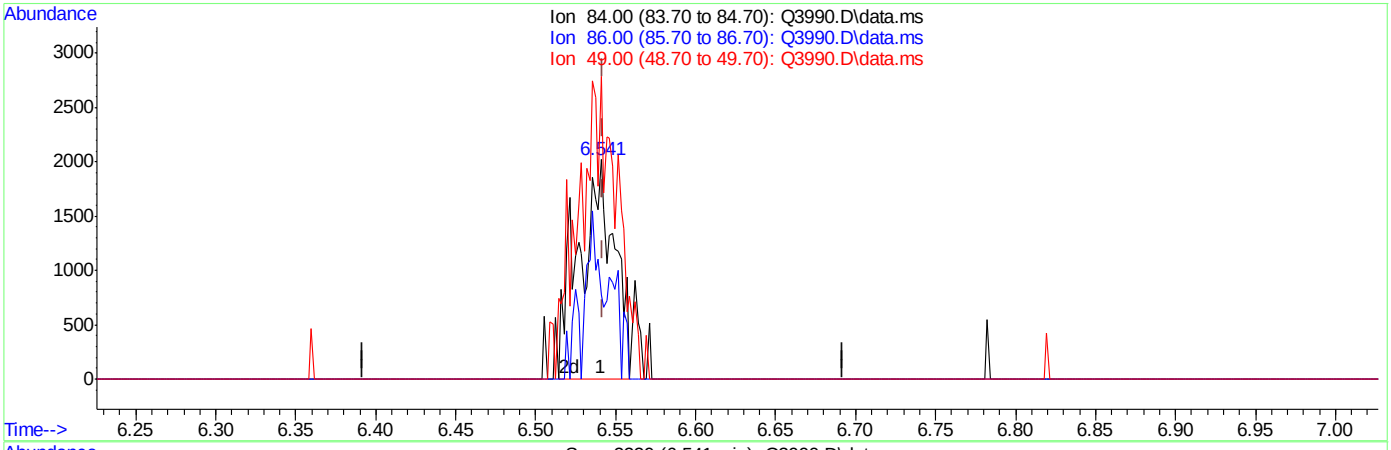
response 2300

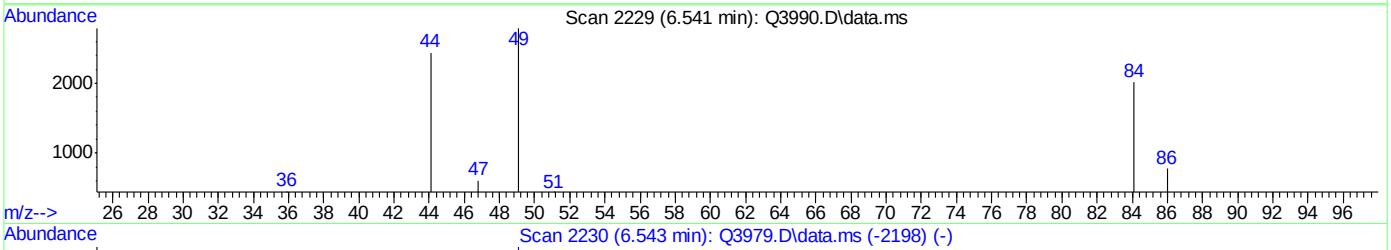
Ion	Exp%	Act%
84.00	100	100
86.00	65.00	73.57
49.00	127.50	207.30
0.00	0.00	0.00

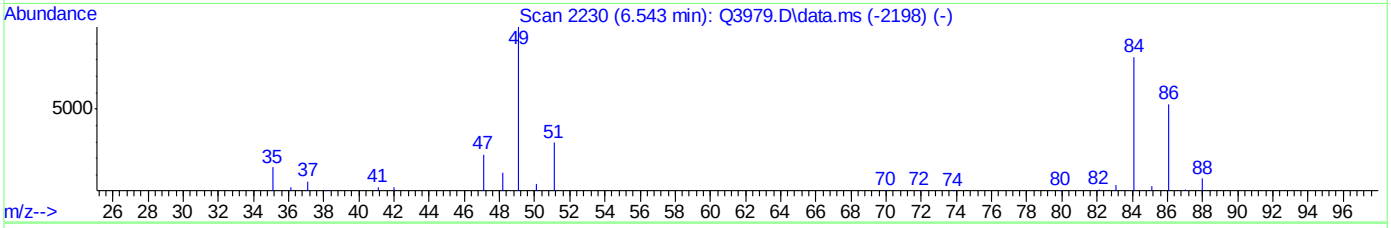
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3990.D
Acq On : 17 Jul 2007 1:01 pm
Operator : danat
Sample : scc (M076)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 17 13:29:35 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:27:00 2007
Response via : Initial Calibration







TIC: Q3990.D\data.ms

(18) METHYLENE CHLORIDE (m)

6.541min (-0.001) 0.36PPBV m

response 3067

Ion	Exp%	Act%
84.00	100	100
86.00	65.00	55.17
49.00	127.50	155.46
0.00	0.00	0.00

ACCUTEST Laboratories M66975

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3995.D
Acq On : 17 Jul 2007 4:39 pm
Operator : danat
Sample : scc (M053)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 18 09:08:11 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:27:00 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.692	128	205762	10.00	PPBV	0.06
35) 1,4-DIFLUOROBENZENE	10.501	114	989502	10.00	PPBV	0.04
49) CHLOROBENZENE-D5	14.716	117	833718	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.331	95	306538	5.01	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 100.20%

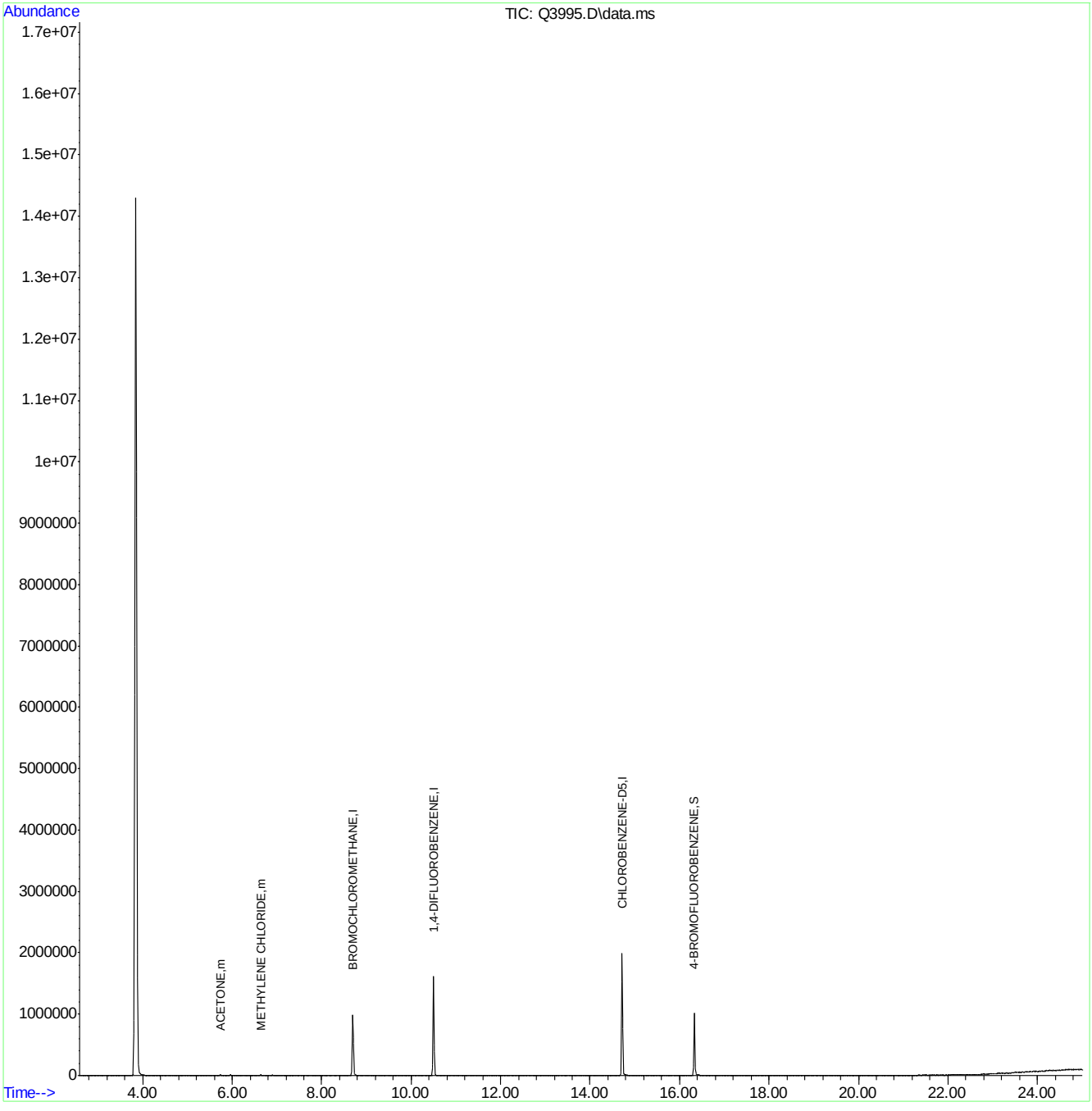
Target Compounds						Qvalue
12) ACETONE	5.730	43	12220	0.60	PPBV #	58
18) METHYLENE CHLORIDE	6.640	84	2960	0.37	PPBV #	66

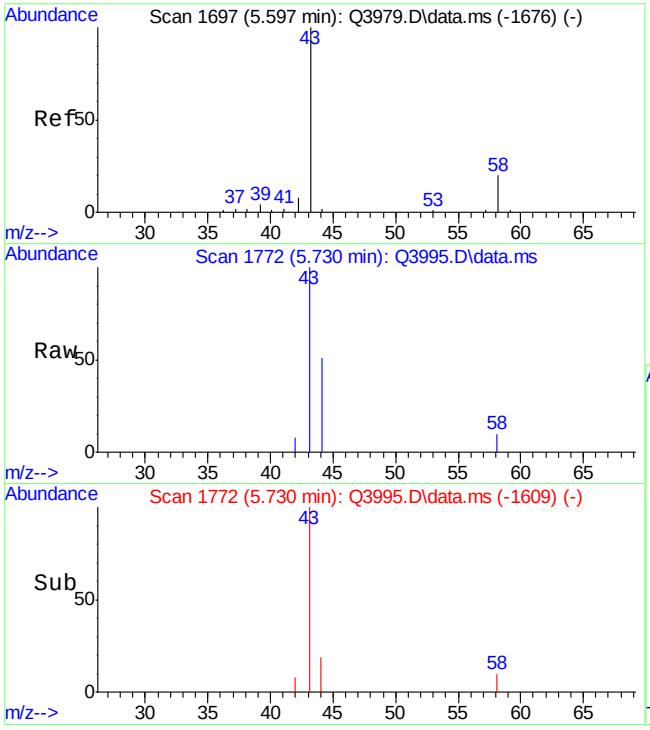
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3995.D
Acq On : 17 Jul 2007 4:39 pm
Operator : danat
Sample : scc (M053)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 18 09:08:11 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:27:00 2007
Response via : Initial Calibration

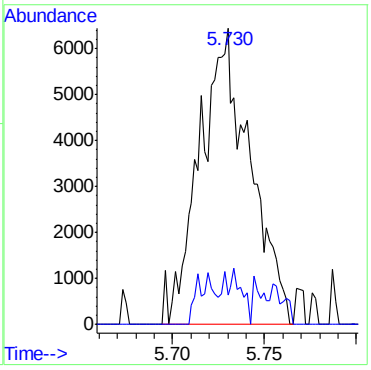


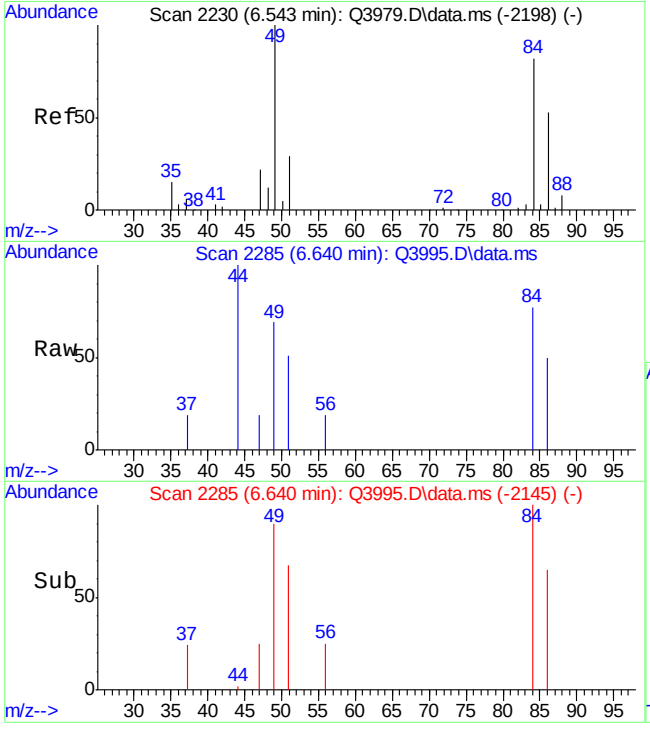


#12
ACETONE
Concen: 0.60 PPBV
RT: 5.730 min Scan# 1772
Delta R.T. 0.134 min
Lab File: Q3995.D
Acq: 17 Jul 2007 4:39 pm

Tgt Ion: 43 Resp: 12220

Ion	Ratio	Lower	Upper
43	100		
58	3.2	4.0	44.0#

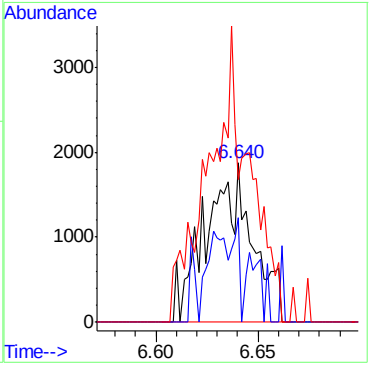




#18
METHYLENE CHLORIDE
Concen: 0.37 PPBV
RT: 6.640 min Scan# 2285
Delta R.T. 0.098 min
Lab File: Q3995.D
Acq: 17 Jul 2007 4:39 pm

Tgt Ion: 84 Resp: 2960

Ion	Ratio	Lower	Upper
84	100		
86	34.8	45.0	85.0#
49	164.0	0.0	327.5

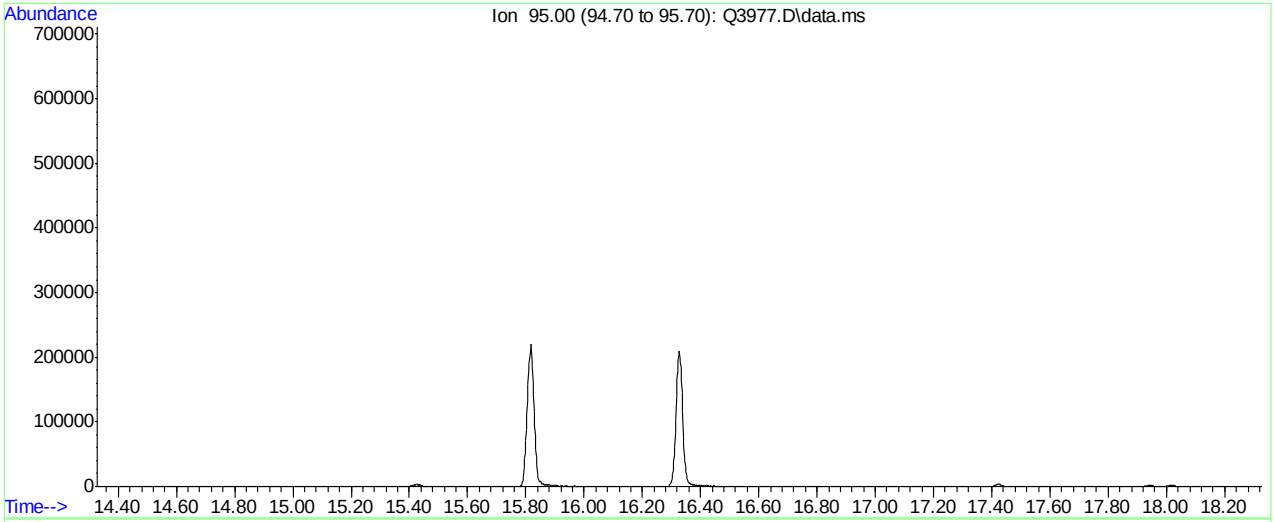


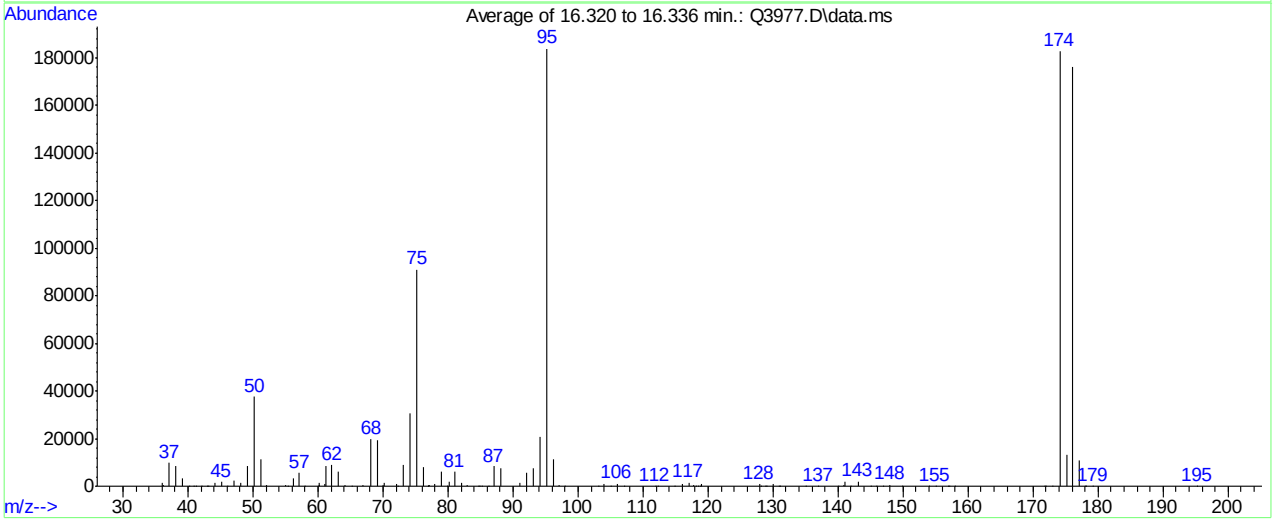
BFB

Data File : C:\msdchem\1\DATA\Q3977.D
Acq On : 16 Jul 2007 4:53 pm
Sample : ic214-40 (M211)
Misc : MS13893, MSQ214,,,,,1
MS Integration Params: LSCINT.P

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

Method : C:\msdchem\1\METHODS\Q071607T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.320 to 16.336 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	20.4	37567	PASS
75	95	30	66	49.5	91035	PASS
95	95	100	100	100.0	183833	PASS
96	95	5	9	6.2	11307	PASS
173	174	0.00	2	0.1	121	PASS
174	95	50	120	99.4	182726	PASS
175	174	4	9	7.1	12997	PASS
176	174	93	101	96.4	176070	PASS
177	176	5	9	6.2	10865	PASS

Q3977.D Q071607T.m Tue Jul 17 13:57:03 2007 RPT1

Average of 16.320 to 16.336 min.: Q3977.D\data.ms
ic214-40 (M211)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	1539	44.10	1650	56.15	3334	66.95	389
36.25	638	45.10	1695	57.15	5515	68.15	19877
37.15	9767	46.00	43	58.00	104	69.15	19215
38.15	8446	47.05	2291	60.10	1633	70.00	317
39.15	3266	48.20	1408	60.25	354	70.15	1214
40.10	174	49.20	8260	61.00	902	72.05	1055
40.95	212	50.20	37567	61.20	8680	72.30	89
41.20	56	51.15	11197	62.15	8847	73.15	9174
42.10	55	52.10	424	63.15	6276	74.15	30679
42.90	74	55.05	619	64.10	547	75.20	91035
43.15	201	55.30	80	65.15	87	76.15	8037

Average of 16.320 to 16.336 min.: Q3977.D\data.ms
ic214-40 (M211)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
76.90	137	84.90	47	97.05	366	117.00	1624
77.00	498	85.20	50	98.00	40	117.85	392
77.15	699	86.15	193	103.05	95	118.05	237
78.00	899	87.05	8285	104.00	904	118.40	45
79.05	6028	88.10	7567	105.05	182	118.80	160
79.80	171	91.10	1322	106.00	1104	119.00	912
80.10	1742	92.15	5695	107.05	236	127.95	748
81.05	5959	93.15	7504	111.90	76	128.15	154
82.00	1626	94.15	20668	112.30	51	128.80	43
83.00	433	95.20	183833	114.90	171	129.00	58
84.70	43	96.15	11307	116.00	799	129.95	739

Average of 16.320 to 16.336 min.: Q3977.D\data.ms
ic214-40 (M211)

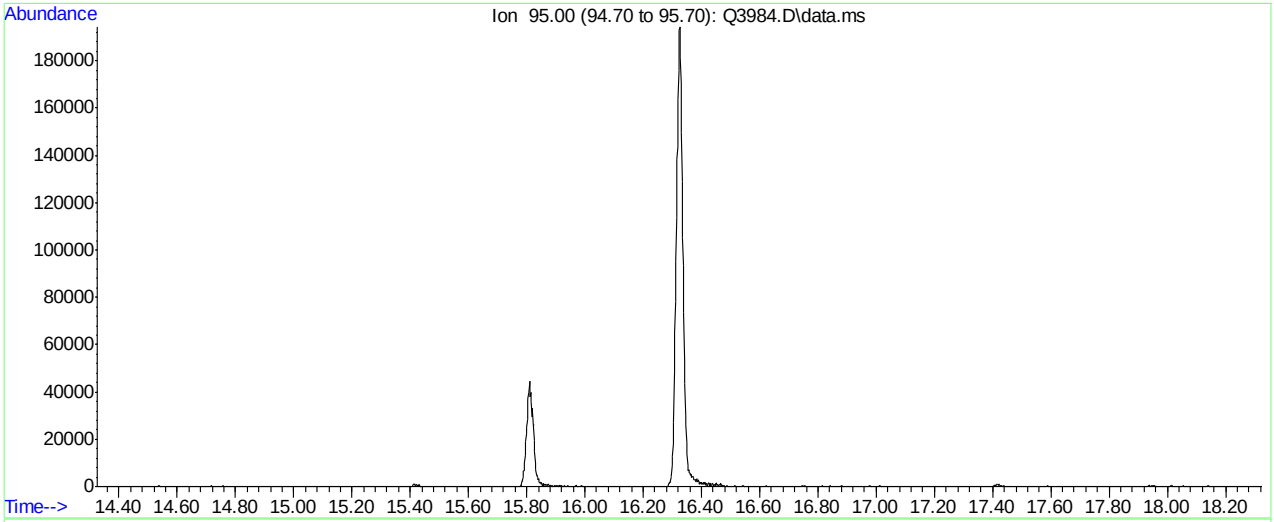
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
130.80	80	146.90	201	174.10	182726		
131.05	107	148.00	488	175.15	12997		
135.00	96	149.90	43	176.10	176070		
137.00	139	153.95	121	177.05	10865		
140.00	44	155.00	253	177.90	161		
140.85	326	156.85	91	178.20	40		
141.10	1680	157.15	238	179.20	44		
141.95	141	158.00	56	195.20	53		
143.05	1907	171.80	40				
145.00	41	172.00	68				
145.90	49	173.00	121				

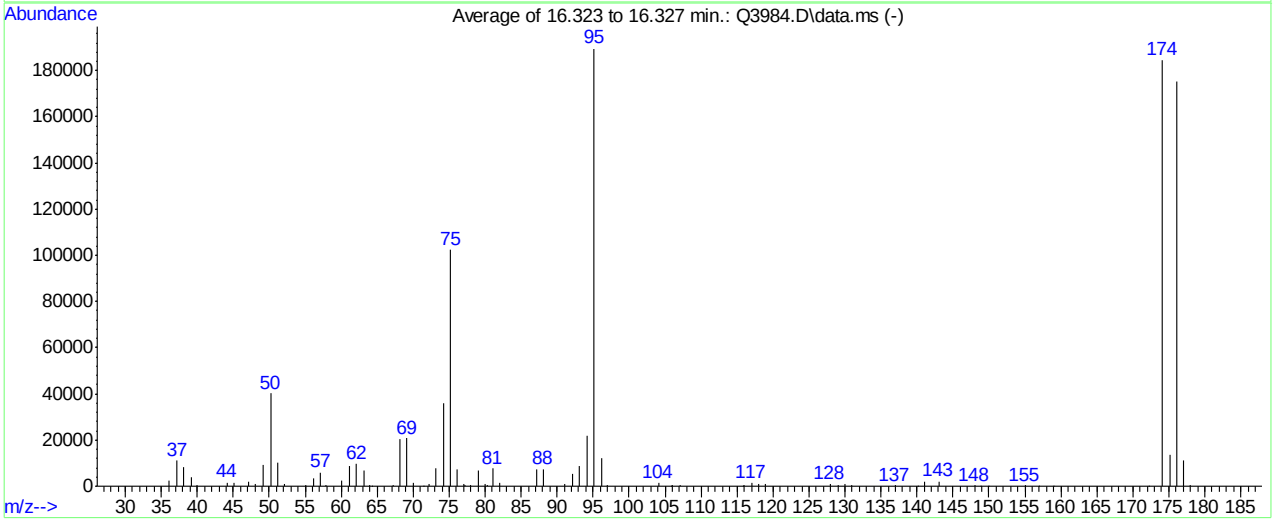
BFB

Data File : C:\msdchem\1\DATA\Q3984.D
Acq On : 17 Jul 2007 8:45 am
Sample : icv214-10 (M209)
Misc : MS13893, MSQ214,,,,,1
MS Integration Params: LSCINT.P

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

Method : C:\msdchem\1\METHODS\Q071607T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





AutoFind: Scans 7741, 7742, 7743; 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	21.2	40213	PASS
75	95	30	66	54.0	102322	PASS
95	95	100	100	100.0	189568	PASS
96	95	5	9	6.5	12344	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	97.3	184490	PASS
175	174	4	9	7.5	13823	PASS
176	174	93	101	95.0	175296	PASS
177	176	5	9	6.5	11417	PASS

Q3984.D Q071607T.m Tue Jul 17 14:02:49 2007 RPT1

Average of 16.323 to 16.327 min.: Q3984.D\data.ms
icv214-10 (M209)
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	2457	51.10	10417	64.20	143	77.00	859
37.20	11108	52.15	913	67.15	495	77.20	540
38.15	8382	55.00	705	68.15	20629	77.95	596
39.15	3712	56.15	3439	69.15	20818	79.05	6665
40.00	483	57.15	5953	70.05	1666	80.00	974
44.15	1587	57.90	392	71.50	146	80.30	610
45.15	1573	60.05	2223	72.15	1022	81.05	7695
47.05	1862	61.10	8762	73.15	7990	82.00	1365
48.00	1178	62.15	9532	74.20	35784	87.10	7363
49.15	9366	63.15	6741	75.20	102322	88.05	7408
50.20	40213	64.00	563	76.15	7416	91.00	1094

Average of 16.323 to 16.327 min.: Q3984.D\data.ms
icv214-10 (M209)
Modified:subtracted

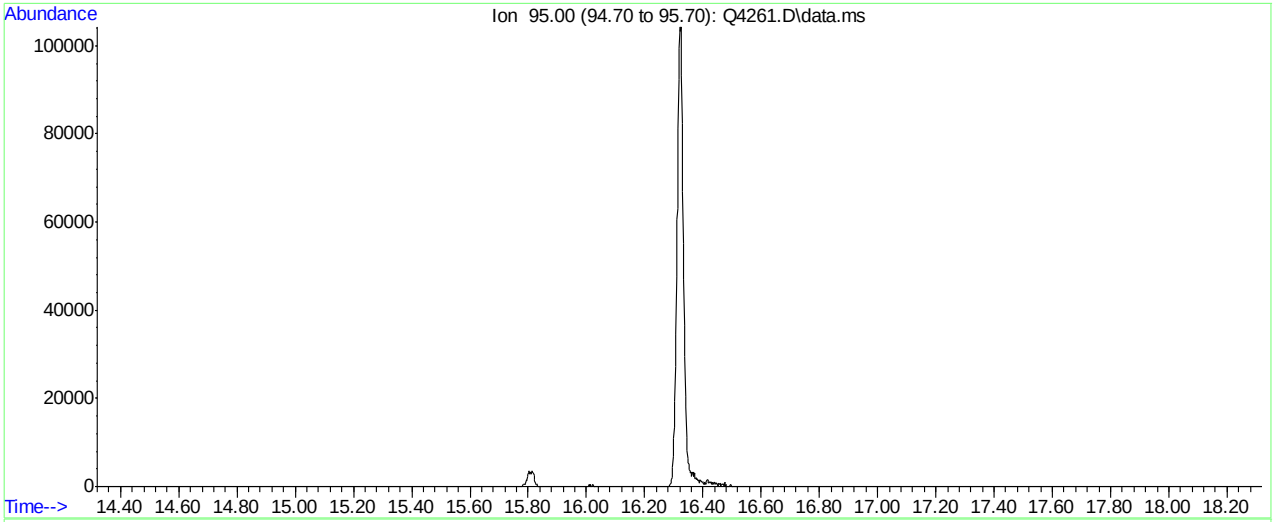
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
92.15	5150	115.95	488	143.05	2110	177.10	11417
93.15	8533	117.00	1303	148.05	364	177.95	380
94.15	21933	118.00	749	148.90	227		
95.15	189568	119.00	1084	150.00	157		
96.15	12344	127.95	866	155.00	482		
97.05	403	129.00	646	156.90	136		
104.10	1316	129.95	774	158.90	208		
105.80	210	131.00	299	172.20	214		
106.05	667	136.95	476	174.10	184490		
107.05	383	140.10	134	175.10	13823		
115.80	226	141.05	1809	176.10	175296		

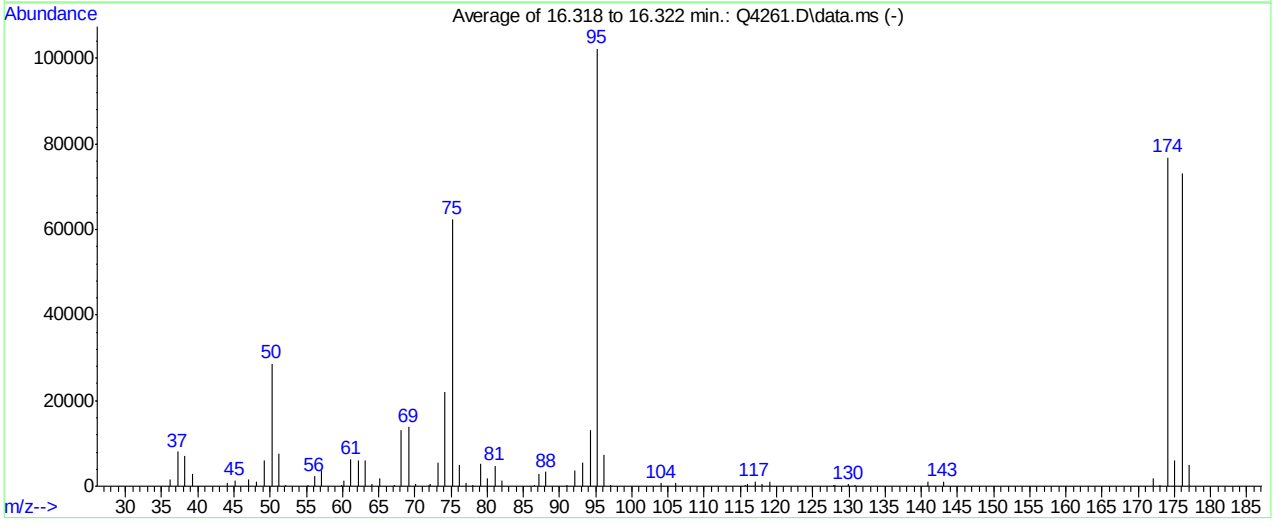
BFB

Data File : C:\msdchem\1\DATA\Q4261.D
Acq On : 13 Aug 2007 8:51 am
Sample : ic227-0.5 (M072)
Misc : MS14080, MSQ227,,,,,1
MS Integration Params: LSCINT.P

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

Method : C:\msdchem\1\METHODS\Q081307T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





AutoFind: Scans 7738, 7739, 7740; 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	28.0	28613	PASS
75	95	30	66	61.0	62392	PASS
95	95	100	100	100.0	102344	PASS
96	95	5	9	7.2	7378	PASS
173	174	0.00	2	0.3	220	PASS
174	95	50	120	75.1	76872	PASS
175	174	4	9	7.8	6020	PASS
176	174	93	101	95.3	73232	PASS
177	176	5	9	6.6	4865	PASS

Q4261.D Q081307T.m Tue Aug 14 14:58:17 2007 RPT1

Average of 16.318 to 16.322 min.: Q4261.D\data.ms
ic227-0.5 (M072)
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	1471	52.10	205	67.10	153	78.00	252
37.20	8082	55.20	221	68.10	12991	79.05	5292
38.20	7158	56.15	2446	69.15	13772	80.00	1822
39.20	3020	57.15	3600	70.10	629	81.05	4726
44.05	727	59.90	292	71.90	356	82.05	1207
45.15	1325	60.25	1231	72.05	571	86.50	288
47.05	1539	61.15	6394	73.15	5418	87.10	2805
48.15	957	62.15	5948	74.15	21914	88.15	3391
49.15	5942	63.15	6096	75.20	62392	91.00	154
50.20	28613	64.10	634	76.15	5112	92.15	3657
51.20	7717	65.15	1853	77.05	889	93.15	5606

Average of 16.318 to 16.322 min.: Q4261.D\data.ms
ic227-0.5 (M072)
Modified:subtracted

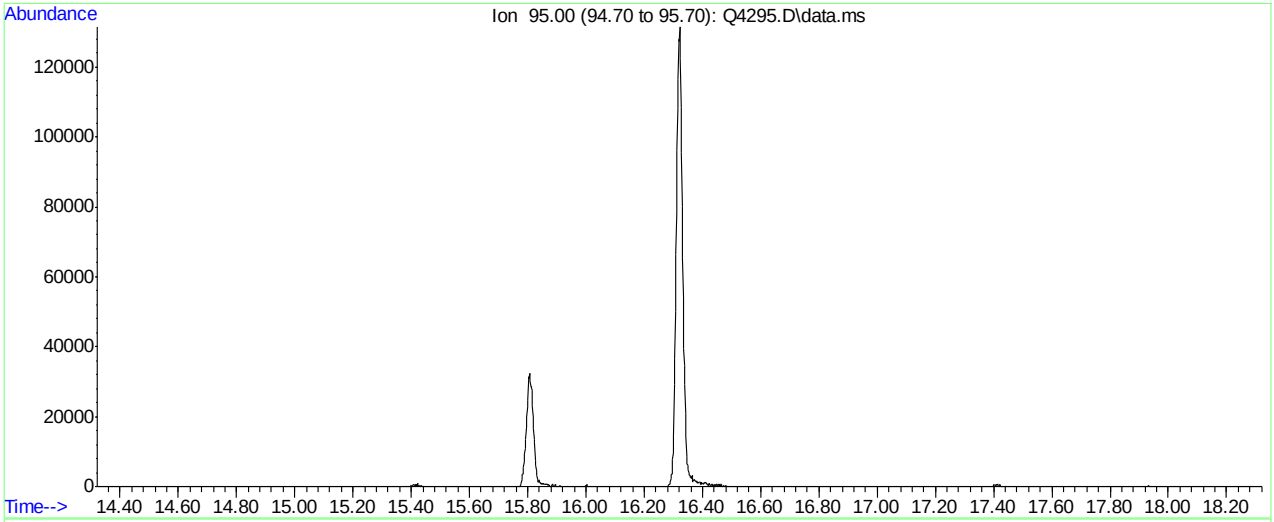
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
94.20	13235	127.90	191	177.10	4865		
95.20	102344	128.10	142				
96.15	7378	129.95	491				
97.10	148	130.90	216				
104.05	686	140.95	1018				
106.05	664	143.05	1176				
115.70	146	172.00	1924				
115.95	487	173.00	220				
117.05	1174	174.10	76872				
118.05	448	175.05	6020				
119.00	951	176.10	73232				

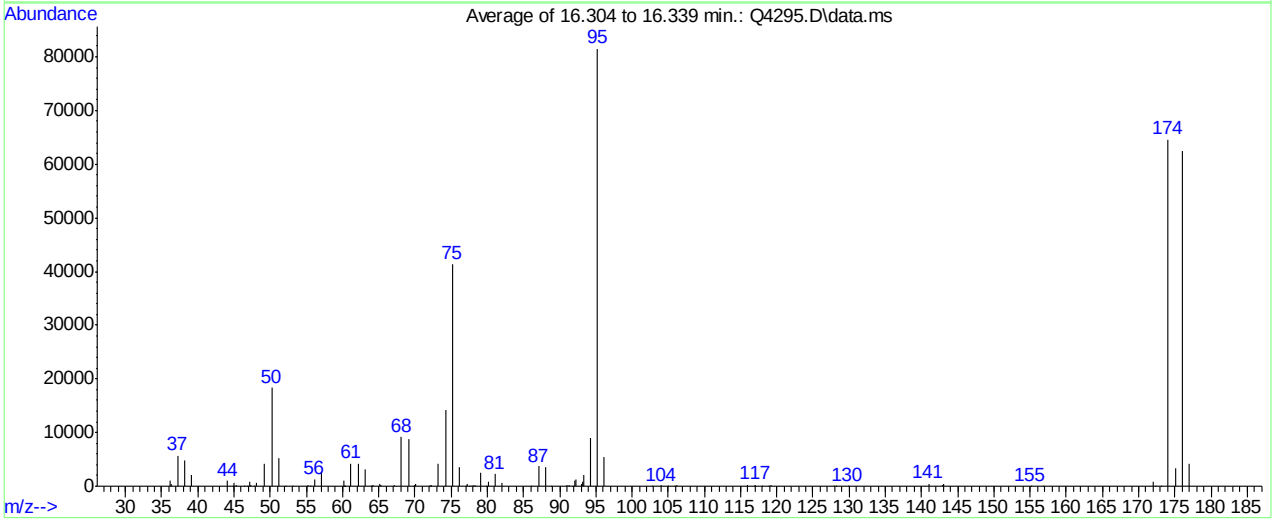
BFB

Data File : C:\msdchem\1\DATA\Q4295.D
Acq On : 15 Aug 2007 9:51 am
Sample : cc227-10 (M164)
Misc : MS14080, MSQ228,,,,,1
MS Integration Params: LSCINT.P

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

Method : C:\msdchem\1\METHODS\Q081307T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um





Spectrum Information: Average of 16.304 to 16.339 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	22.5	18372	PASS
75	95	30	66	50.7	41361	PASS
95	95	100	100	100.0	81555	PASS
96	95	5	9	6.5	5337	PASS
173	174	0.00	2	0.1	56	PASS
174	95	50	120	79.2	64552	PASS
175	174	4	9	5.2	3347	PASS
176	174	93	101	96.7	62399	PASS
177	176	5	9	6.6	4090	PASS

Q4295.D Q081307T.m Fri Aug 17 13:34:18 2007 RPT1

Average of 16.304 to 16.339 min.: Q4295.D\data.ms
cc227-10 (M164)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	1051	47.10	840	56.15	1342	65.10	414
36.25	395	47.25	183	57.15	2440	65.25	306
37.20	5665	47.80	59	60.10	975	67.10	179
38.20	4713	48.10	619	60.20	64	68.15	9120
39.15	1994	49.20	4190	60.35	97	69.15	8881
44.10	1022	50.20	18372	61.15	4245	70.00	256
44.80	24	51.15	5305	62.15	4110	70.15	347
45.05	602	52.15	66	63.10	3216	72.00	97
45.25	223	53.10	20	63.90	59	72.10	99
46.45	39	55.15	156	64.00	74	72.25	236
46.80	32	55.60	19	64.15	181	73.20	4205

Average of 16.304 to 16.339 min.: Q4295.D\data.ms
cc227-10 (M164)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
74.25	14198	80.10	870	92.25	1189	106.15	155
75.20	41361	81.05	2217	93.00	382	115.95	146
76.15	3543	82.05	737	93.10	905	116.90	97
77.00	110	86.00	76	93.25	2068	117.05	308
77.15	460	87.10	3735	94.20	8901	117.90	70
77.60	34	88.10	3539	95.20	81555	118.90	59
77.85	83	88.80	20	96.15	5337	119.15	123
78.10	297	91.05	288	102.80	20	127.80	22
78.30	24	91.25	178	104.05	186	128.20	44
79.05	2418	91.70	23	104.90	26	129.85	64
79.80	30	92.10	962	105.90	78	141.00	492

Average of 16.304 to 16.339 min.: Q4295.D\data.ms
cc227-10 (M164)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
142.90	138						
143.10	352						
155.10	21						
156.90	21						
172.00	818						
172.40	44						
173.10	56						
174.10	64552						
175.15	3347						
176.10	62399						
177.05	4090						

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3977.D
Acq On : 16 Jul 2007 4:53 pm
Operator : danat
Sample : ic214-40 (M211)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 08:12:50 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jul 16 15:07:12 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	209689	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.465	114	900241	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.707	117	823235	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.327	95	331912	5.22	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 104.40%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.035	85	2764917	25.14	PPBV	99
3) PROPYLENE	3.967	41	463358	18.48	PPBV	93
4) FREON 114	4.299	85	2605725	26.43	PPBV	99
5) CHLOROMETHANE	4.200	50	588876	23.88	PPBV	100
6) VINYL CHLORIDE	4.424	62	709338	24.05	PPBV	98
7) 1,3-BUTADIENE	4.559	39	593214	25.73	PPBV	97
8) BROMOMETHANE	4.835	94	814543	25.07	PPBV	98
9) CHLOROETHANE	5.009	64	321452	29.01	PPBV	95
10) TRICHLOROFLUOROMETHANE	5.788	101	2819081	28.06	PPBV	99
11) ISOPROPYL ALCOHOL	5.826	45	1072785	21.76	PPBV	95
12) ACETONE	5.593	43	1144521	20.32	PPBV	95
13) PENTANE	6.143	42	640928	24.30	PPBV	94
14) 1,1-DICHLOROETHYLENE	6.429	96	827113	26.29	PPBV	97
15) CARBON DISULFIDE	6.859	76	2162566	31.24	PPBV	97
16) ETHANOL	5.100	45	187769	20.19	PPBV	99
17) BROMOETHENE	5.368	106	829145	26.30	PPBV	99
18) METHYLENE CHLORIDE	6.539	84	1001868	21.51	PPBV	96
19) 3-CHLOROPROPENE	6.662	39	701260	34.18	PPBV	87
20) FREON 113	6.798	151	1899447	28.28	PPBV	96
21) TRANS-1,2-DICHLOROETHY...	7.469	96	814099	29.58	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.431	59	1412204	31.25	PPBV	98
23) METHYL TERTIARY BUTYL ...	7.710	73	1913473	29.93	PPBV	96
24) TETRAHYDROFURAN	9.137	42	605146	25.37	PPBV	95
25) HEXANE	8.671	57	1125130	23.22	PPBV	96
26) VINYL ACETATE	7.789	43	1400317	30.03	PPBV	97
27) 1,1-DICHLOROETHANE	7.666	63	1444949	30.46	PPBV	99
28) METHYL ETHYL KETONE	8.032	43	1210279	24.61	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.474	96	800359	29.14	PPBV	96
30) ETHYL ACETATE	8.664	43	2163136	25.03	PPBV	100
31) CHLOROFORM	8.758	83	1982961	29.06	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.709	97	2103880	31.51	PPBV	99
33) CARBON TETRACHLORIDE	10.291	117	2359836	31.33	PPBV	99
34) 1,2-DICHLOROETHANE	9.464	62	1225815	29.17	PPBV	100
36) BENZENE	10.153	78	2174884	29.80	PPBV	99
37) CYCLOHEXANE	10.413	84	848595	26.56	PPBV	95
38) TRICHLOROETHYLENE	11.148	95	1206086	31.39	PPBV	97
39) 1,2-DICHLOROPROPANE	10.926	63	730815	27.91	PPBV	94
40) BROMODICHLOROMETHANE	11.111	83	2014509	35.19	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.173	57	3305846	28.77	PPBV #	95
42) 1,4-DIOXANE	11.134	88	414757	28.40	PPBV	90
43) HEPTANE	11.409	43	1202132	27.07	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3977.D
Acq On : 16 Jul 2007 4:53 pm
Operator : danat
Sample : ic214-40 (M211)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 08:12:50 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jul 16 15:07:12 2007
Response via : Initial Calibration

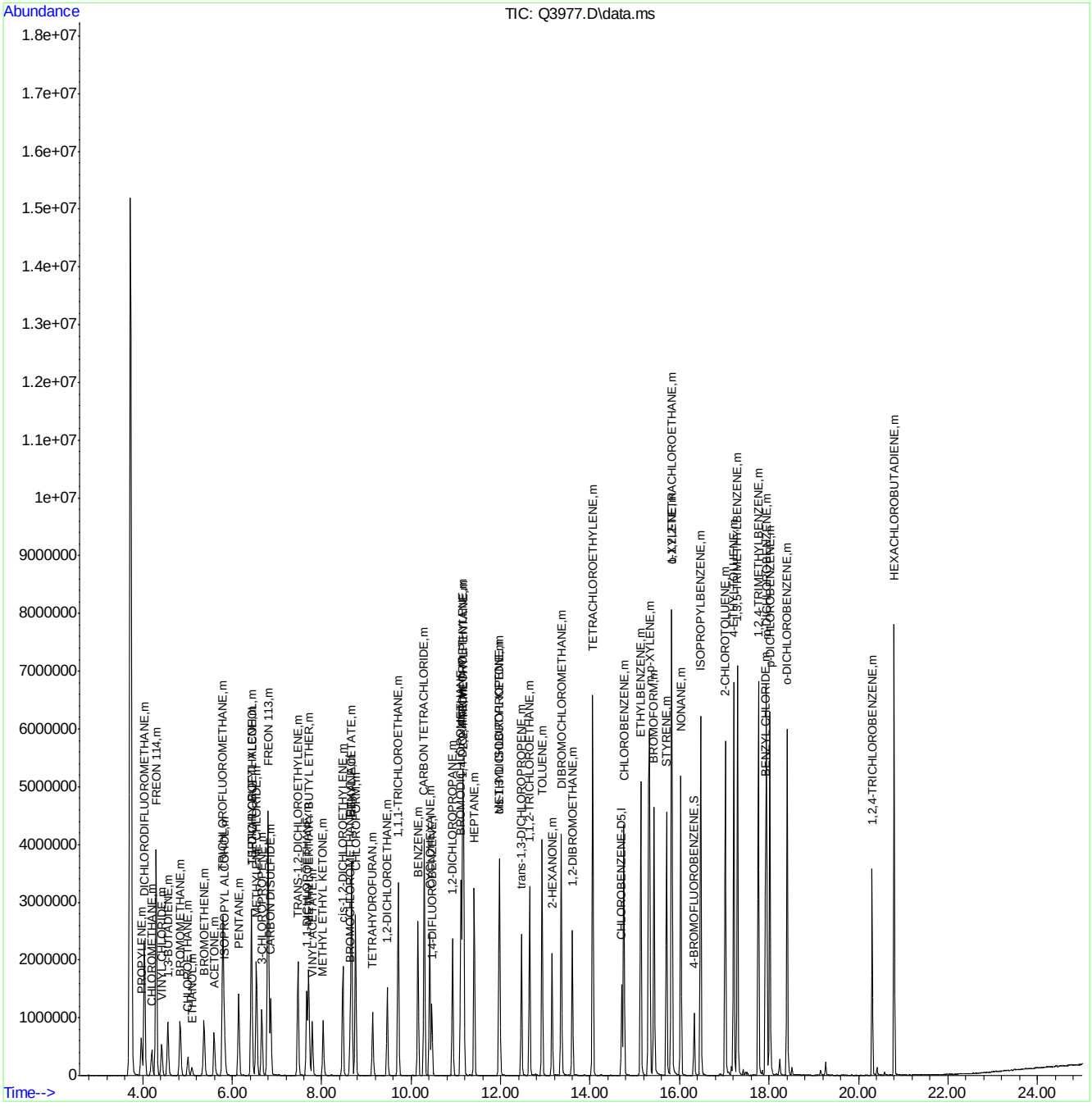
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.981	43	1520935	27.65 PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.965	75	1207500	33.05 PPBV	94
46) TOLUENE	12.927	92	1581036	31.89 PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.465	75	1165405	34.87 PPBV	95
48) 1,1,2-TRICHLOROETHANE	12.648	83	800561	30.07 PPBV	96
50) 2-HEXANONE	13.150	43	1382686	26.36 PPBV	99
51) TETRACHLOROETHYLENE	14.059	164	1421801	35.41 PPBV	93
52) DIBROMOCHLOROMETHANE	13.354	129	2135418	39.37 PPBV	100
53) 1,2-DIBROMOETHANE	13.603	107	1571117	31.44 PPBV	100
54) CHLOROBENZENE	14.755	112	2221182	31.53 PPBV	99
55) ETHYLBENZENE	15.133	91	3644300	31.86 PPBV	100
56) m,p-XYLENE	15.328	106	2775968	64.26 PPBV	100
57) o-XYLENE	15.830	106	1407471	32.62 PPBV	99
58) STYRENE	15.708	104	2147858	35.36 PPBV	98
59) NONANE	16.027	43	1834075	28.58 PPBV	99
60) BROMOFORM	15.429	173	2258113	47.37 PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.814	83	2099510	29.14 PPBV	99
63) ISOPROPYLBENZENE	16.473	105	4258033	33.31 PPBV	99
64) 2-CHLOROTOLUENE	17.023	91	3126389	32.55 PPBV	98
65) 4-ETHYLTOLUENE	17.211	105	4074248	35.37 PPBV	100
66) 1,3,5-TRIMETHYLBENZENE	17.296	105	3745031	33.78 PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.761	105	3604402	34.94 PPBV	100
68) m-DICHLOROBENZENE	17.944	146	2539128	37.83 PPBV	97
69) BENZYL CHLORIDE	17.921	91	2414286	43.50 PPBV	98
70) p-DICHLOROBENZENE	18.018	146	2494039	36.55 PPBV	98
71) o-DICHLOROBENZENE	18.404	146	2309553	35.22 PPBV	98
72) HEXACHLOROBUTADIENE	20.798	225	1230652	27.16 PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.306	180	925743	33.17 PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3977.D
Acq On : 16 Jul 2007 4:53 pm
Operator : danat
Sample : ic214-40 (M211)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 08:12:50 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jul 16 15:07:12 2007
Response via : Initial Calibration



ACCUTEST Laboratories M66975

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3978.D
Acq On : 16 Jul 2007 5:36 pm
Operator : danat
Sample : ic214-20 (M211)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 08:14:20 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:13:05 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	221510	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.463	114	1017396	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.705	117	906135	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.325	95	350551	4.95	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 99.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.035	85	1415090	19.96	PPBV	99
3) PROPYLENE	3.966	41	259744	21.15	PPBV	91
4) FREON 114	4.296	85	1351542	20.12	PPBV	99
5) CHLOROMETHANE	4.196	50	315570	20.39	PPBV	98
6) VINYL CHLORIDE	4.420	62	382075	20.60	PPBV	98
7) 1,3-BUTADIENE	4.557	39	305711	20.06	PPBV	98
8) BROMOMETHANE	4.834	94	435076	20.45	PPBV	100
9) CHLOROETHANE	5.007	64	168444	20.48	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.787	101	1396921	19.71	PPBV	100
11) ISOPROPYL ALCOHOL	5.820	45	556039	20.39	PPBV	96
12) ACETONE	5.591	43	581901	20.24	PPBV	98
13) PENTANE	6.142	42	325328	20.22	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.424	96	417221	20.01	PPBV	99
15) CARBON DISULFIDE	6.857	76	1078342	20.07	PPBV	100
16) ETHANOL	5.100	45	103227	21.35	PPBV	96
17) BROMOETHENE	5.370	106	434977	20.48	PPBV	99
18) METHYLENE CHLORIDE	6.541	84	497973	19.95	PPBV	99
19) 3-CHLOROPROPENE	6.658	39	319110	19.38	PPBV	99
20) FREON 113	6.798	151	955564	19.95	PPBV	100
21) TRANS-1,2-DICHLOROETHY...	7.466	96	404542	19.93	PPBV	100
22) TERTIARY BUTYL ALCOHOL	6.426	59	714259	20.03	PPBV	99
23) METHYL TERTIARY BUTYL ...	7.707	73	934883	19.80	PPBV	99
24) TETRAHYDROFURAN	9.139	42	308804	20.59	PPBV	99
25) HEXANE	8.667	57	577385	20.12	PPBV	100
26) VINYL ACETATE	7.789	43	701213	20.77	PPBV	97
27) 1,1-DICHLOROETHANE	7.661	63	677854	19.66	PPBV	100
28) METHYL ETHYL KETONE	8.032	43	613944	20.31	PPBV	99
29) cis-1,2-DICHLOROETHYLENE	8.472	96	387992	20.26	PPBV	99
30) ETHYL ACETATE	8.665	43	1101453	20.37	PPBV	100
31) CHLOROFORM	8.754	83	946232	19.69	PPBV	100
32) 1,1,1-TRICHLOROETHANE	9.709	97	973350	19.60	PPBV	100
33) CARBON TETRACHLORIDE	10.293	117	1138392	19.69	PPBV	100
34) 1,2-DICHLOROETHANE	9.460	62	571035	19.81	PPBV	100
36) BENZENE	10.147	78	1029221	19.36	PPBV	100
37) CYCLOHEXANE	10.413	84	423009	19.10	PPBV	95
38) TRICHLOROETHYLENE	11.145	95	560188	18.86	PPBV	99
39) 1,2-DICHLOROPROPANE	10.925	63	347524	19.24	PPBV	99
40) BROMODICHLOROMETHANE	11.106	83	924349	18.94	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.171	57	1548803	18.85	PPBV	100
42) 1,4-DIOXANE	11.129	88	205821	19.76	PPBV #	87
43) HEPTANE	11.407	43	573305	19.08	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3978.D
Acq On : 16 Jul 2007 5:36 pm
Operator : danat
Sample : ic214-20 (M211)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 08:14:20 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:13:05 2007
Response via : Initial Calibration

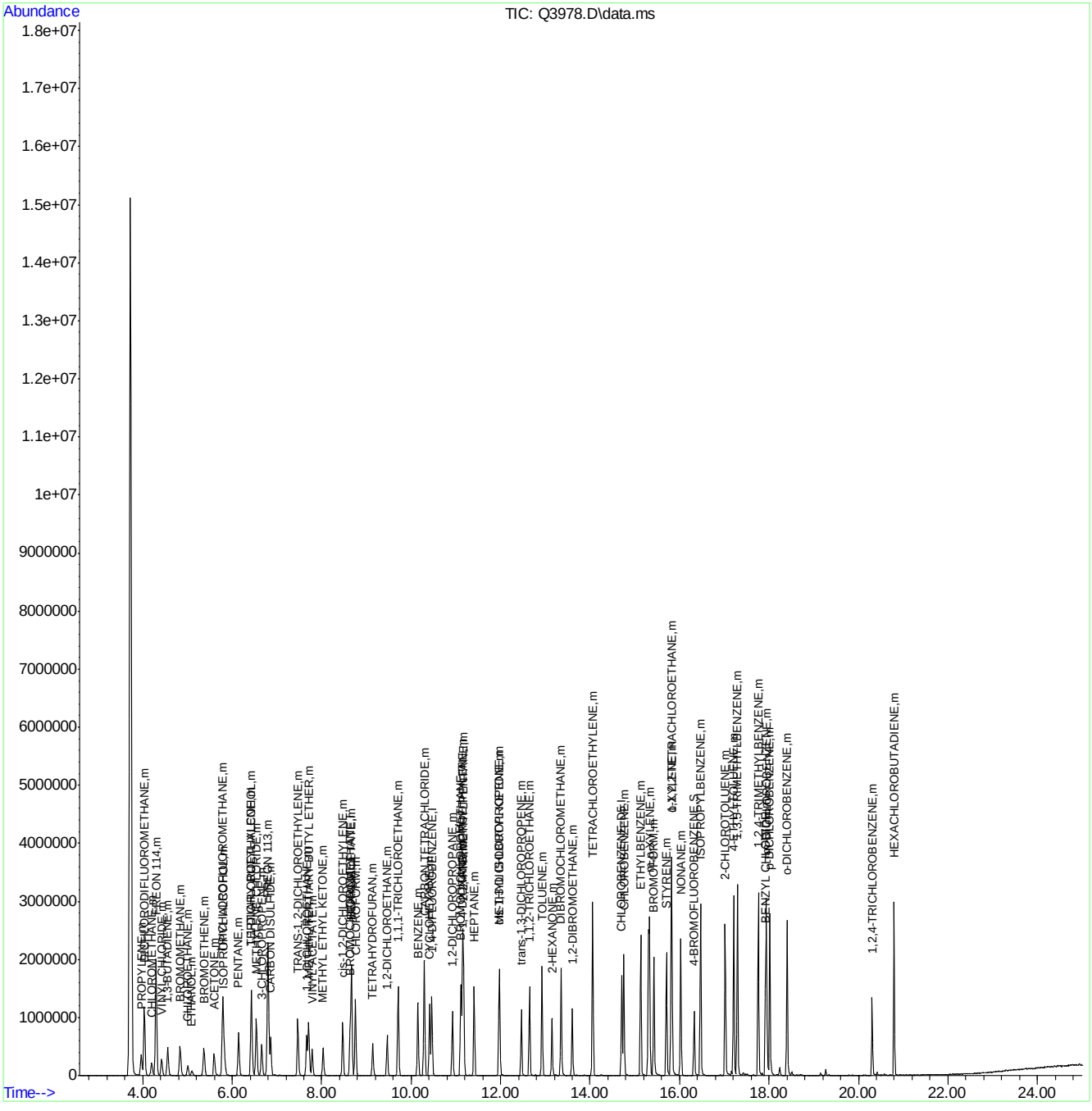
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.979	43	750728	19.65	PPBV	100
45) cis-1,3-DICHLOROPROPENE	11.963	75	549645	18.94	PPBV	99
46) TOLUENE	12.925	92	738920	19.10	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.462	75	533590	19.23	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.644	83	374786	18.95	PPBV	100
50) 2-HEXANONE	13.145	43	654654	19.69	PPBV	100
51) TETRACHLOROETHYLENE	14.057	164	648314	18.98	PPBV	99
52) DIBROMOCHLOROMETHANE	13.352	129	955089	19.03	PPBV	99
53) 1,2-DIBROMOETHANE	13.601	107	726832	19.49	PPBV	97
54) CHLOROBENZENE	14.751	112	1029097	19.20	PPBV	100
55) ETHYLBENZENE	15.131	91	1694424	19.17	PPBV	100
56) m,p-XYLENE	15.324	106	1308622	38.89	PPBV	97
57) o-XYLENE	15.825	106	658491	19.30	PPBV	99
58) STYRENE	15.708	104	1003139	19.53	PPBV	99
59) NONANE	16.025	43	847096	19.14	PPBV	100
60) BROMOFORM	15.425	173	991927	19.09	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.812	83	984430	19.36	PPBV	99
63) ISOPROPYLBENZENE	16.469	105	1996951	19.26	PPBV	99
64) 2-CHLOROTOLUENE	17.019	91	1449660	19.19	PPBV	99
65) 4-ETHYLTOLUENE	17.209	105	1869312	18.98	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.294	105	1746289	19.09	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.759	105	1667884	19.22	PPBV	100
68) m-DICHLOROBENZENE	17.942	146	1128474	18.97	PPBV	99
69) BENZYL CHLORIDE	17.919	91	1033483	19.20	PPBV	99
70) p-DICHLOROBENZENE	18.015	146	1109710	18.83	PPBV	99
71) o-DICHLOROBENZENE	18.403	146	1035278	18.95	PPBV	100
72) HEXACHLOROBUTADIENE	20.796	225	479831	16.04	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.308	180	369063	17.20	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3978.D
Acq On : 16 Jul 2007 5:36 pm
Operator : danat
Sample : ic214-20 (M211)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 08:14:20 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:13:05 2007
Response via : Initial Calibration



ACCUTEST Laboratories M66975

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3979.D
Acq On : 16 Jul 2007 6:18 pm
Operator : danat
Sample : icc214-10 (M211)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 08:10:22 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jul 16 15:07:12 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	220494	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.460	114	1001449	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.707	117	880366	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.323	95	333768	4.91	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 98.20%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.035	85	684837	5.92	PPBV	99
3) PROPYLENE	3.969	41	122643	4.65	PPBV	95
4) FREON 114	4.294	85	652207	6.29	PPBV	97
5) CHLOROMETHANE	4.198	50	153377	5.92	PPBV	98
6) VINYL CHLORIDE	4.420	62	182843	5.89	PPBV	99
7) 1,3-BUTADIENE	4.557	39	147444	6.08	PPBV	98
8) BROMOMETHANE	4.832	94	209484	6.13	PPBV	98
9) CHLOROETHANE	5.009	64	79274	6.80	PPBV	95
10) TRICHLOROFLUOROMETHANE	5.792	101	669866	6.34	PPBV	99
11) ISOPROPYL ALCOHOL	5.824	45	260910	5.03	PPBV	91
12) ACETONE	5.597	43	271384	4.58	PPBV	96
13) PENTANE	6.143	42	151747	5.47	PPBV	94
14) 1,1-DICHLOROETHYLENE	6.424	96	197716	5.98	PPBV	100
15) CARBON DISULFIDE	6.860	76	501376	6.89	PPBV	99
16) ETHANOL	5.094	45	46893	4.80	PPBV	96
17) BROMOETHENE	5.366	106	204863	6.18	PPBV	99
18) METHYLENE CHLORIDE	6.543	84	233626	4.77	PPBV	97
19) 3-CHLOROPROPENE	6.660	39	143435	6.65	PPBV	90
20) FREON 113	6.798	151	454376	6.43	PPBV	96
21) TRANS-1,2-DICHLOROETHY...	7.471	96	190141	6.57	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.433	59	338527	7.12	PPBV	98
23) METHYL TERTIARY BUTYL ...	7.709	73	436907	6.50	PPBV	96
24) TETRAHYDROFURAN	9.141	42	139518	5.56	PPBV	96
25) HEXANE	8.669	57	275527	5.41	PPBV	96
26) VINYL ACETATE	7.788	43	304116	6.20	PPBV	99
27) 1,1-DICHLOROETHANE	7.664	63	306494	6.14	PPBV	99
28) METHYL ETHYL KETONE	8.033	43	283771	5.49	PPBV	93
29) cis-1,2-DICHLOROETHYLENE	8.470	96	170796	5.91	PPBV	95
30) ETHYL ACETATE	8.663	43	507901	5.59	PPBV	100
31) CHLOROFORM	8.754	83	435311	6.07	PPBV	100
32) 1,1,1-TRICHLOROETHANE	9.711	97	435829	6.21	PPBV	98
33) CARBON TETRACHLORIDE	10.294	117	530865	6.70	PPBV	99
34) 1,2-DICHLOROETHANE	9.464	62	251517	5.69	PPBV	100
36) BENZENE	10.147	78	441877	5.44	PPBV	99
37) CYCLOHEXANE	10.412	84	200023	5.63	PPBV	93
38) TRICHLOROETHYLENE	11.146	95	249363	5.83	PPBV	97
39) 1,2-DICHLOROPROPANE	10.925	63	152398	5.23	PPBV	94
40) BROMODICHLOROMETHANE	11.109	83	400370	6.29	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.168	57	698559	5.47	PPBV #	95
42) 1,4-DIOXANE	11.136	88	89658	5.52	PPBV	86
43) HEPTANE	11.407	43	257337	5.21	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3979.D
Acq On : 16 Jul 2007 6:18 pm
Operator : danat
Sample : icc214-10 (M211)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 08:10:22 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jul 16 15:07:12 2007
Response via : Initial Calibration

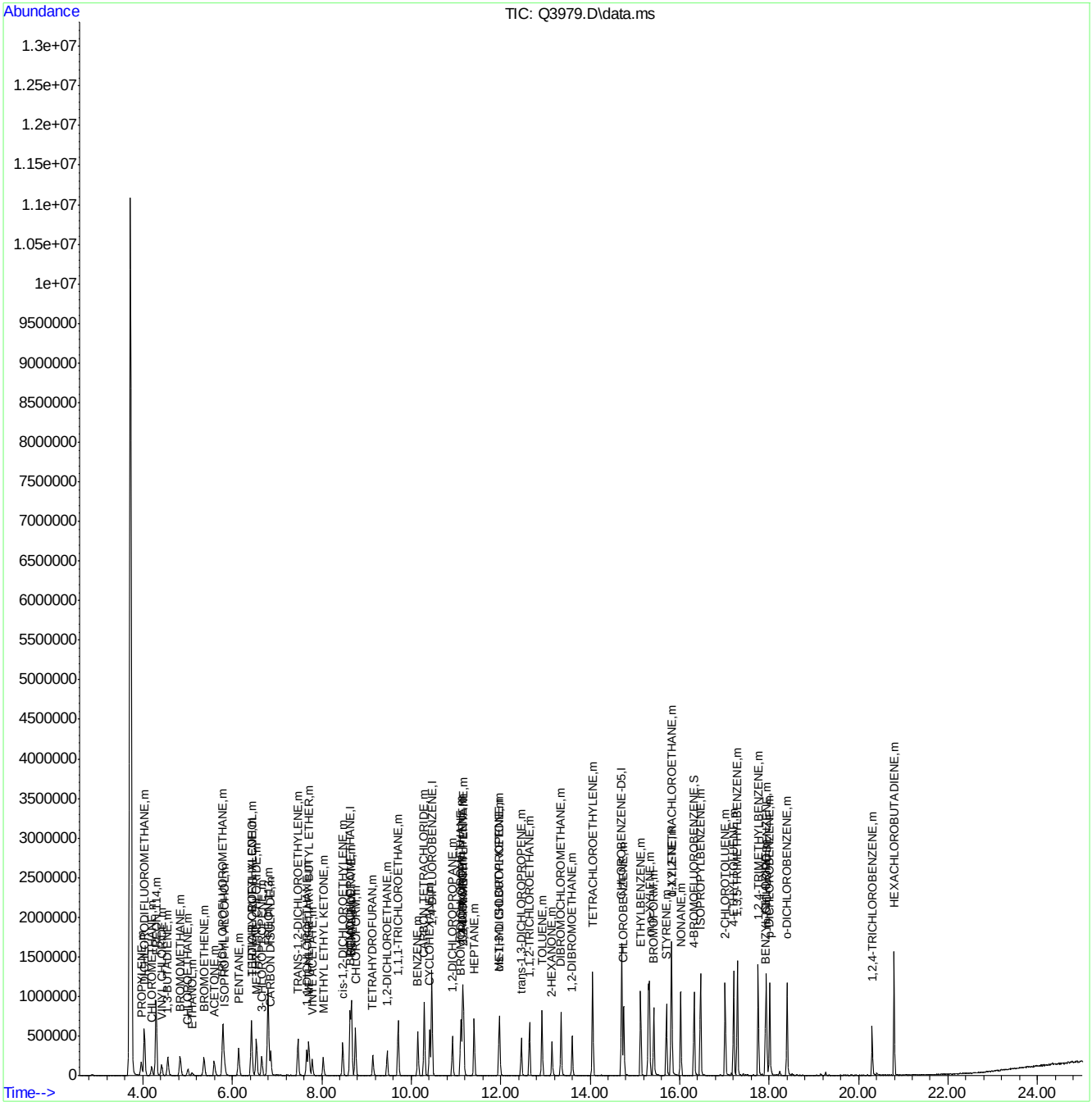
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.977	43	329287	5.38	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.965	75	235451	5.79	PPBV	93
46) TOLUENE	12.923	92	321727	5.83	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.463	75	222144	5.97	PPBV	95
48) 1,1,2-TRICHLOROETHANE	12.641	83	166704	5.63	PPBV	96
50) 2-HEXANONE	13.147	43	276432	4.93	PPBV	99
51) TETRACHLOROETHYLENE	14.055	164	283522	6.60	PPBV	93
52) DIBROMOCHLOROMETHANE	13.349	129	404442	6.97	PPBV	100
53) 1,2-DIBROMOETHANE	13.599	107	304701	5.70	PPBV	98
54) CHLOROBENZENE	14.753	112	447537	5.94	PPBV	99
55) ETHYLBENZENE	15.131	91	743600	6.08	PPBV	99
56) m,p-XYLENE	15.326	106	565606	12.24	PPBV	99
57) o-XYLENE	15.825	106	286811	6.22	PPBV	99
58) STYRENE	15.704	104	423629	6.52	PPBV	98
59) NONANE	16.025	43	369576	5.38	PPBV	99
60) BROMOFORM	15.422	173	406035	7.96	PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.814	83	426609	5.54	PPBV	99
63) ISOPROPYLBENZENE	16.469	105	875964	6.41	PPBV	100
64) 2-CHLOROTOLUENE	17.019	91	631878	6.15	PPBV	99
65) 4-ETHYLTOLUENE	17.209	105	824684	6.69	PPBV	100
66) 1,3,5-TRIMETHYLBENZENE	17.292	105	775965	6.55	PPBV	100
67) 1,2,4-TRIMETHYLBENZENE	17.757	105	722221	6.55	PPBV	99
68) m-DICHLOROBENZENE	17.940	146	476931	6.64	PPBV	98
69) BENZYL CHLORIDE	17.919	91	400424	6.75	PPBV	99
70) p-DICHLOROBENZENE	18.013	146	478607	6.56	PPBV	97
71) o-DICHLOROBENZENE	18.402	146	444325	6.34	PPBV	98
72) HEXACHLOROBUTADIENE	20.798	225	252179	5.20	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.306	180	169444	5.68	PPBV	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3979.D
Acq On : 16 Jul 2007 6:18 pm
Operator : danat
Sample : icc214-10 (M211)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 08:10:22 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Jul 16 15:07:12 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3980.D
Acq On : 16 Jul 2007 7:01 pm
Operator : danat
Sample : ic214-5 (M211)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 08:16:28 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:14:33 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.632	128	205904	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.461	114	947064	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.705	117	825944	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.324	95	299530	4.65	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 93.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.037	85	343505	5.22	PPBV	100
3) PROPYLENE	3.964	41	61635	5.30	PPBV	93
4) FREON 114	4.296	85	314869	5.03	PPBV	99
5) CHLOROMETHANE	4.195	50	76735	5.30	PPBV	87
6) VINYL CHLORIDE	4.422	62	87867	5.05	PPBV	96
7) 1,3-BUTADIENE	4.557	39	69485	4.90	PPBV	99
8) BROMOMETHANE	4.835	94	98181	4.93	PPBV	98
9) CHLOROETHANE	5.011	64	35742	4.64	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.787	101	321040	4.90	PPBV	100
11) ISOPROPYL ALCOHOL	5.828	45	117237	4.59	PPBV	99
12) ACETONE	5.604	43	124462	4.64	PPBV	99
13) PENTANE	6.143	42	71560	4.77	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.426	96	88811	4.58	PPBV	95
15) CARBON DISULFIDE	6.859	76	235052	4.70	PPBV	96
16) ETHANOL	5.098	45	21109	4.59	PPBV	81
17) BROMOETHENE	5.366	106	96113	4.83	PPBV	100
18) METHYLENE CHLORIDE	6.541	84	105900	4.57	PPBV	98
19) 3-CHLOROPROPENE	6.663	39	60854	4.02	PPBV	99
20) FREON 113	6.797	151	211145	4.75	PPBV	99
21) TRANS-1,2-DICHLOROETHY...	7.469	96	83754	4.44	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.436	59	151527	4.57	PPBV	98
23) METHYL TERTIARY BUTYL ...	7.711	73	193415	4.42	PPBV	98
24) TETRAHYDROFURAN	9.145	42	60382	4.29	PPBV	100
25) HEXANE	8.667	57	123008	4.60	PPBV	98
26) VINYL ACETATE	7.790	43	134640	4.24	PPBV	99
27) 1,1-DICHLOROETHANE	7.668	63	134750	4.23	PPBV	99
28) METHYL ETHYL KETONE	8.037	43	124754	4.42	PPBV	97
29) cis-1,2-DICHLOROETHYLENE	8.468	96	73064	4.09	PPBV	98
30) ETHYL ACETATE	8.664	43	224825	4.45	PPBV	100
31) CHLOROFORM	8.754	83	190838	4.29	PPBV	98
32) 1,1,1-TRICHLOROETHANE	9.707	97	187302	4.08	PPBV	100
33) CARBON TETRACHLORIDE	10.295	117	232563	4.35	PPBV	100
34) 1,2-DICHLOROETHANE	9.461	62	112746	4.22	PPBV	98
36) BENZENE	10.147	78	190581	3.89	PPBV	99
37) CYCLOHEXANE	10.410	84	88053	4.34	PPBV	100
38) TRICHLOROETHYLENE	11.145	95	107659	3.97	PPBV	100
39) 1,2-DICHLOROPROPANE	10.921	63	66643	4.01	PPBV	99
40) BROMODICHLOROMETHANE	11.106	83	176485	3.96	PPBV	95
41) 2,2,4-TRIMETHYLPENTANE	11.168	57	302789	4.04	PPBV	100
42) 1,4-DIOXANE	11.141	88	38223	3.96	PPBV #	55
43) HEPTANE	11.407	43	108447	3.94	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3980.D
Acq On : 16 Jul 2007 7:01 pm
Operator : danat
Sample : ic214-5 (M211)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 08:16:28 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:14:33 2007
Response via : Initial Calibration

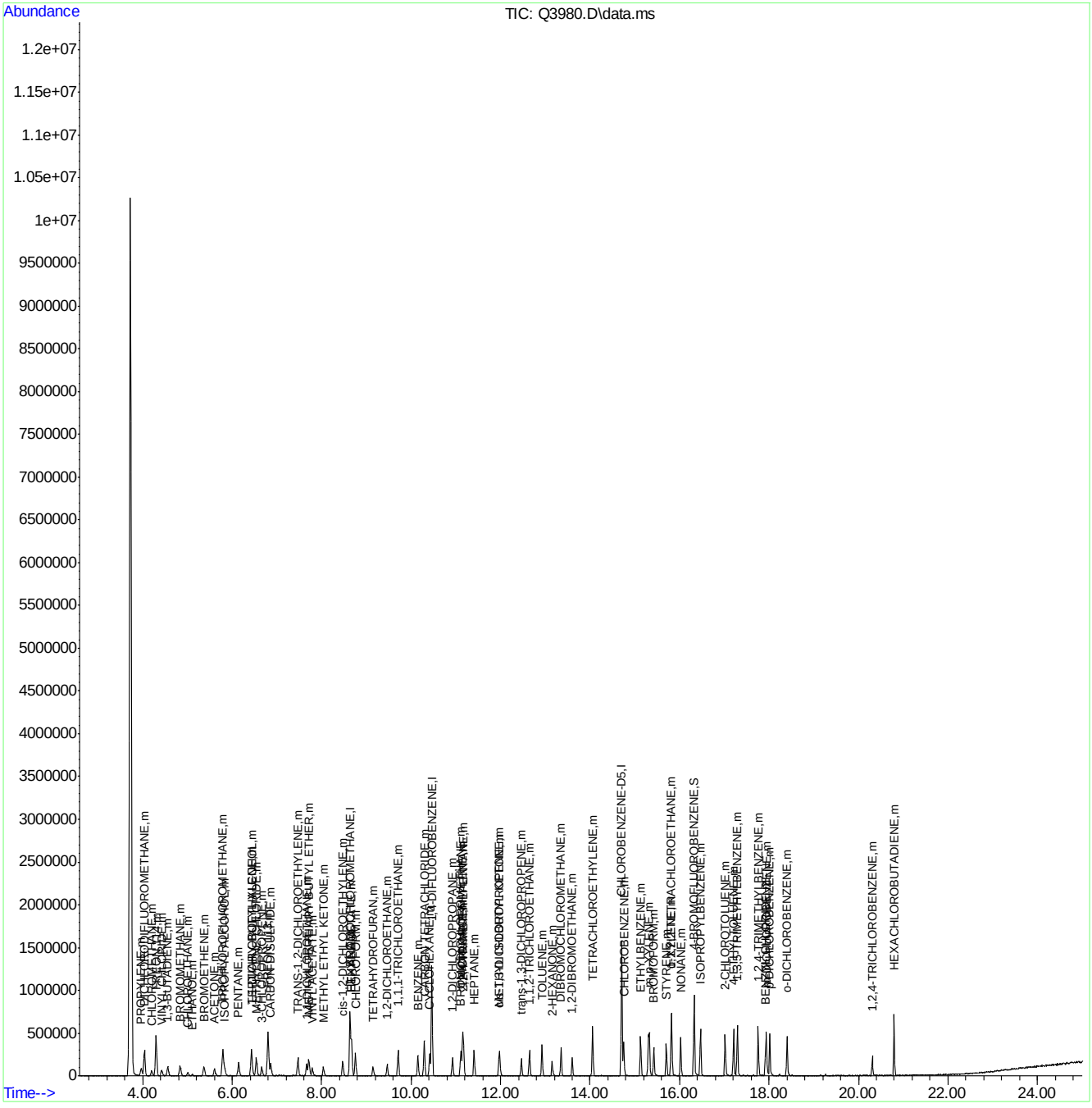
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.981	43	137692	3.89	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.963	75	100108	3.77	PPBV	99
46) TOLUENE	12.927	92	137452	3.88	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.463	75	93432	3.66	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.646	83	73208	4.05	PPBV	99
50) 2-HEXANONE	13.149	43	116486	3.86	PPBV	97
51) TETRACHLOROETHYLENE	14.057	164	122725	4.01	PPBV	99
52) DIBROMOCHLOROMETHANE	13.351	129	166726	3.70	PPBV	99
53) 1,2-DIBROMOETHANE	13.599	107	132216	3.92	PPBV	97
54) CHLOROBENZENE	14.751	112	194984	4.05	PPBV	98
55) ETHYLBENZENE	15.131	91	318008	4.00	PPBV	100
56) m,p-XYLENE	15.323	106	242151	7.97	PPBV	99
57) o-XYLENE	15.825	106	121195	3.94	PPBV	98
58) STYRENE	15.702	104	170488	3.67	PPBV	99
59) NONANE	16.022	43	154715	3.89	PPBV	100
60) BROMOFORM	15.426	173	157513	3.38	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.812	83	180416	3.93	PPBV	100
63) ISOPROPYLBENZENE	16.469	105	364704	3.91	PPBV	99
64) 2-CHLOROTOLUENE	17.019	91	261307	3.85	PPBV	99
65) 4-ETHYLTOLUENE	17.209	105	325376	3.69	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.293	105	320237	3.90	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.758	105	294793	3.78	PPBV	100
68) m-DICHLOROBENZENE	17.942	146	190127	3.57	PPBV	98
69) BENZYL CHLORIDE	17.917	91	143278	2.96	PPBV	98
70) p-DICHLOROBENZENE	18.015	146	198189	3.76	PPBV	98
71) o-DICHLOROBENZENE	18.402	146	183920	3.76	PPBV	99
72) HEXACHLOROBUTADIENE	20.794	225	110446	4.34	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.308	180	66830	3.58	PPBV	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3980.D
Acq On : 16 Jul 2007 7:01 pm
Operator : danat
Sample : ic214-5 (M211)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 08:16:28 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:14:33 2007
Response via : Initial Calibration



ACCUTEST Laboratories M66975

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3981.D
Acq On : 16 Jul 2007 7:44 pm
Operator : danat
Sample : ic214-2 (M211)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 08:16:52 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:16:40 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.632	128	202445	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.463	114	918040	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.705	117	788203	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.324	95	279986	4.64	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 92.80%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.037	85	135106	2.06	PPBV	98
3) PROPYLENE	3.966	41	21867	1.88	PPBV	85
4) FREON 114	4.303	85	117212	1.90	PPBV	99
5) CHLOROMETHANE	4.200	50	29469	2.04	PPBV	95
6) VINYL CHLORIDE	4.424	62	33455	1.95	PPBV	98
7) 1,3-BUTADIENE	4.560	39	26878	1.94	PPBV	97
8) BROMOMETHANE	4.837	94	37618	1.93	PPBV	96
9) CHLOROETHANE	5.008	64	12858	1.73	PPBV #	80
10) TRICHLOROFLUOROMETHANE	5.790	101	122647	1.91	PPBV	99
11) ISOPROPYL ALCOHOL	5.835	45	51199	2.08	PPBV	94
12) ACETONE	5.609	43	56607	2.19	PPBV	99
13) PENTANE	6.143	42	27393	1.88	PPBV	97
14) 1,1-DICHLOROETHYLENE	6.422	96	36156	1.94	PPBV	98
15) CARBON DISULFIDE	6.855	76	86669	1.79	PPBV	93
16) ETHANOL	5.103	45	9528	2.15	PPBV #	60
17) BROMOETHENE	5.366	106	36520	1.88	PPBV	98
18) METHYLENE CHLORIDE	6.543	84	45947	2.06	PPBV	99
19) 3-CHLOROPROPENE	6.655	39	25084	1.77	PPBV	92
20) FREON 113	6.802	151	84756	1.96	PPBV	99
21) TRANS-1,2-DICHLOROETHY...	7.471	96	32193	1.79	PPBV	99
22) TERTIARY BUTYL ALCOHOL	6.445	59	59741	1.87	PPBV	94
23) METHYL TERTIARY BUTYL ...	7.718	73	80070	1.92	PPBV	96
24) TETRAHYDROFURAN	9.153	42	23878	1.79	PPBV	99
25) HEXANE	8.669	57	58475	2.27	PPBV	97
26) VINYL ACETATE	7.794	43	56274	1.87	PPBV	88
27) 1,1-DICHLOROETHANE	7.664	63	51599	1.71	PPBV	98
28) METHYL ETHYL KETONE	8.039	43	48007	1.78	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.467	96	27906	1.66	PPBV	99
30) ETHYL ACETATE	8.671	43	96352	1.99	PPBV	99
31) CHLOROFORM	8.747	83	73317	1.74	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.713	97	71737	1.67	PPBV	99
33) CARBON TETRACHLORIDE	10.295	117	86881	1.71	PPBV	99
34) 1,2-DICHLOROETHANE	9.466	62	44708	1.77	PPBV	99
36) BENZENE	10.147	78	73898	1.65	PPBV	99
37) CYCLOHEXANE	10.419	84	34018	1.79	PPBV	98
38) TRICHLOROETHYLENE	11.148	95	41891	1.68	PPBV	98
39) 1,2-DICHLOROPROPANE	10.926	63	26803	1.75	PPBV	99
40) BROMODICHLOROMETHANE	11.107	83	64689	1.58	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.170	57	114231	1.65	PPBV	98
42) 1,4-DIOXANE	11.143	88	13805	1.56	PPBV #	48
43) HEPTANE	11.409	43	41873	1.66	PPBV	96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3981.D
Acq On : 16 Jul 2007 7:44 pm
Operator : danat
Sample : ic214-2 (M211)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 08:16:52 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:16:40 2007
Response via : Initial Calibration

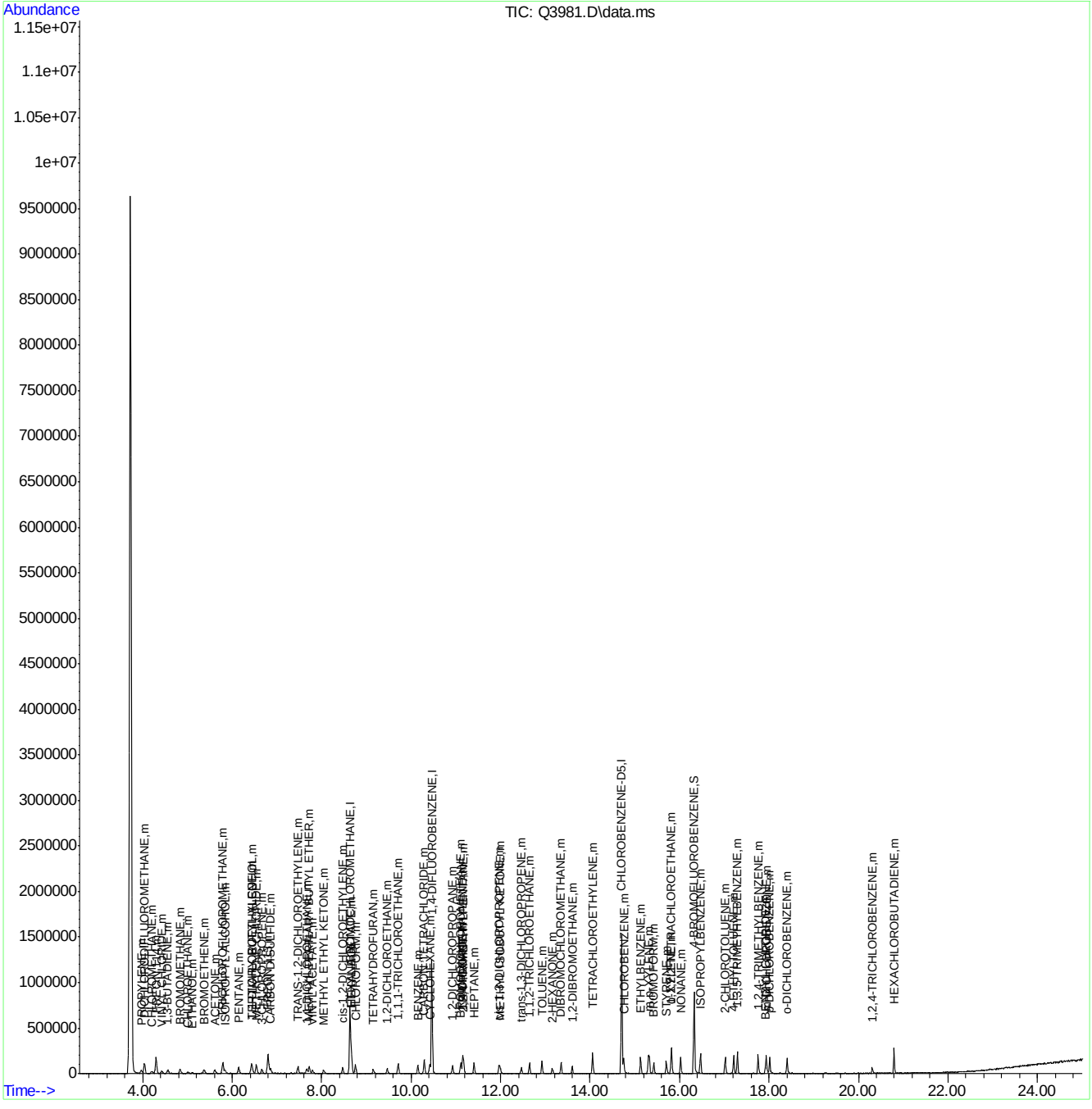
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.986	43	54390	1.68	PPBV	98
45) cis-1,3-DICHLOROPROPENE	11.961	75	36320	1.50	PPBV	94
46) TOLUENE	12.923	92	52232	1.61	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.465	75	34173	1.48	PPBV	97
48) 1,1,2-TRICHLOROETHANE	12.646	83	29207	1.75	PPBV	99
50) 2-HEXANONE	13.152	43	41483	1.53	PPBV	98
51) TETRACHLOROETHYLENE	14.059	164	46206	1.66	PPBV	98
52) DIBROMOCHLOROMETHANE	13.349	129	62068	1.55	PPBV	100
53) 1,2-DIBROMOETHANE	13.597	107	50495	1.66	PPBV	98
54) CHLOROBENZENE	14.753	112	74553	1.70	PPBV	99
55) ETHYLBENZENE	15.129	91	121331	1.68	PPBV	100
56) m,p-XYLENE	15.303	106	92276	3.35	PPBV	99
57) o-XYLENE	15.827	106	47194	1.70	PPBV	98
58) STYRENE	15.702	104	61380	1.48	PPBV	99
59) NONANE	16.024	43	59653	1.66	PPBV	99
60) BROMOFORM	15.422	173	56101	1.37	PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.812	83	67547	1.63	PPBV	98
63) ISOPROPYLBENZENE	16.467	105	141125	1.68	PPBV	99
64) 2-CHLOROTOLUENE	17.017	91	99183	1.62	PPBV	98
65) 4-ETHYLTOLUENE	17.211	105	120772	1.53	PPBV	100
66) 1,3,5-TRIMETHYLBENZENE	17.291	105	116359	1.57	PPBV	97
67) 1,2,4-TRIMETHYLBENZENE	17.756	105	109161	1.56	PPBV	99
68) m-DICHLOROBENZENE	17.939	146	72641	1.54	PPBV	99
69) BENZYL CHLORIDE	17.917	91	46385	1.12	PPBV	98
70) p-DICHLOROBENZENE	18.013	146	71778	1.52	PPBV	96
71) o-DICHLOROBENZENE	18.400	146	67267	1.54	PPBV	98
72) HEXACHLOROBUTADIENE	20.798	225	43134	1.84	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.310	180	21627	1.31	PPBV	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3981.D
Acq On : 16 Jul 2007 7:44 pm
Operator : danat
Sample : ic214-2 (M211)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 17 08:16:52 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:16:40 2007
Response via : Initial Calibration



ACCUTEST Laboratories M66975

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 07/18/07 19:08

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3982.D
Acq On : 16 Jul 2007 8:26 pm
Operator : danat
Sample : ic214-0.5 (M210)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 08:20:19 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:18:23 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.635	128	196436	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.463	114	898497	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.705	117	762074	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.323	95	260219	4.52	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 90.40%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.037	85	33383	0.52	PPBV		96
3) PROPYLENE	3.969	41	5450m	0.49	PPBV		
4) FREON 114	4.298	85	30786	0.52	PPBV		99
5) CHLOROMETHANE	4.193	50	6815	0.48	PPBV	#	42
6) VINYL CHLORIDE	4.418	62	7979	0.48	PPBV		90
7) 1,3-BUTADIENE	4.553	39	7326	0.55	PPBV	#	23
8) BROMOMETHANE	4.827	94	9674	0.51	PPBV	#	57
9) CHLOROETHANE	5.009	64	3980	0.57	PPBV	#	61
10) TRICHLOROFLUOROMETHANE	5.794	101	35548	0.58	PPBV		99
11) ISOPROPYL ALCOHOL	5.845	45	19323	0.80	PPBV		93
12) ACETONE	5.611	43	21472	0.84	PPBV		97
13) PENTANE	6.140	42	7782m	0.56	PPBV		
14) 1,1-DICHLOROETHYLENE	6.429	96	9567	0.53	PPBV		94
15) CARBON DISULFIDE	6.862	76	22470	0.49	PPBV		94
16) ETHANOL	5.116	45	3143m	0.72	PPBV		
17) BROMOETHENE	5.370	106	10273	0.55	PPBV	#	91
18) METHYLENE CHLORIDE	6.534	84	19466	0.89	PPBV		99
19) 3-CHLOROPROPENE	6.663	39	7752	0.58	PPBV	#	79
20) FREON 113	6.804	151	24522	0.59	PPBV		98
21) TRANS-1,2-DICHLOROETHY...	7.471	96	8761	0.51	PPBV		93
22) TERTIARY BUTYL ALCOHOL	6.465	59	16229	0.53	PPBV		85
23) METHYL TERTIARY BUTYL ...	7.727	73	20083	0.50	PPBV		93
24) TETRAHYDROFURAN	9.169	42	6006	0.47	PPBV	#	76
25) HEXANE	8.669	57	20205	0.79	PPBV		97
26) VINYL ACETATE	7.796	43	14182	0.49	PPBV		93
27) 1,1-DICHLOROETHANE	7.666	63	15078	0.53	PPBV		99
28) METHYL ETHYL KETONE	8.048	43	13964	0.55	PPBV		95
29) cis-1,2-DICHLOROETHYLENE	8.472	96	7412	0.47	PPBV		97
30) ETHYL ACETATE	8.676	43	27945	0.60	PPBV	#	95
31) CHLOROFORM	8.752	83	20365	0.51	PPBV		98
32) 1,1,1-TRICHLOROETHANE	9.714	97	20211	0.50	PPBV		98
33) CARBON TETRACHLORIDE	10.291	117	23125	0.48	PPBV		98
34) 1,2-DICHLOROETHANE	9.462	62	11552	0.48	PPBV		96
36) BENZENE	10.151	78	19179	0.45	PPBV		99
37) CYCLOHEXANE	10.415	84	8315	0.46	PPBV		100
38) TRICHLOROETHYLENE	11.147	95	10350	0.44	PPBV		90
39) 1,2-DICHLOROPROPANE	10.923	63	7272	0.50	PPBV		96
40) BROMODICHLOROMETHANE	11.104	83	16086	0.42	PPBV		97
41) 2,2,4-TRIMETHYLPENTANE	11.168	57	30682	0.47	PPBV		98
42) 1,4-DIOXANE	11.161	88	4015	0.48	PPBV	#	1
43) HEPTANE	11.404	43	11193	0.47	PPBV		92

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3982.D
Acq On : 16 Jul 2007 8:26 pm
Operator : danat
Sample : ic214-0.5 (M210)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 08:20:19 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:18:23 2007
Response via : Initial Calibration

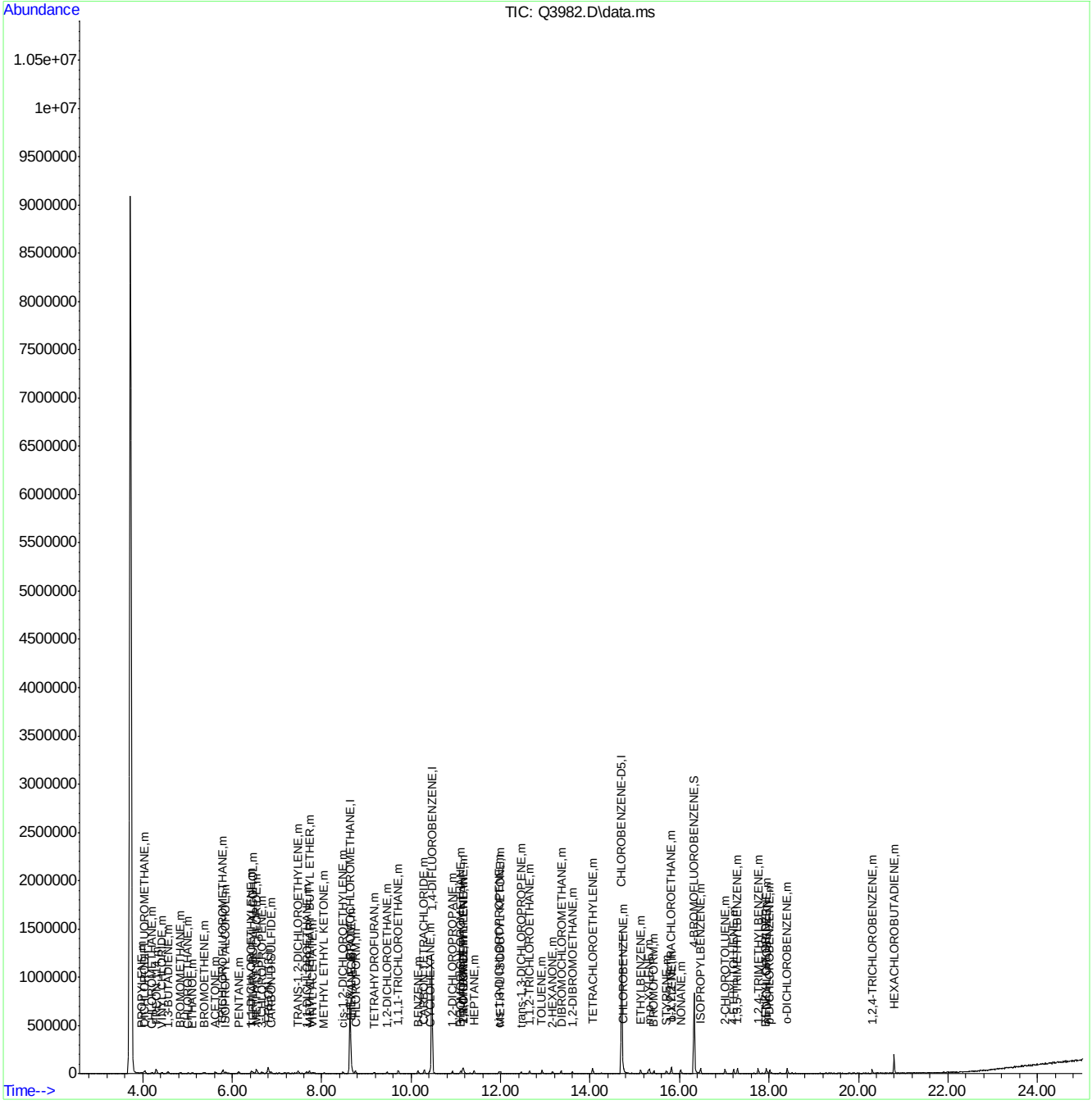
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.993	43	13986	0.46	PPBV	96
45) cis-1,3-DICHLOROPROPENE	11.966	75	9146	0.41	PPBV	93
46) TOLUENE	12.918	92	13119	0.43	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.462	75	7753	0.36	PPBV	94
48) 1,1,2-TRICHLOROETHANE	12.643	83	7148	0.45	PPBV	98
50) 2-HEXANONE	13.159	43	12565	0.50	PPBV	95
51) TETRACHLOROETHYLENE	14.057	164	12458	0.48	PPBV	97
52) DIBROMOCHLOROMETHANE	13.353	129	14127	0.38	PPBV	97
53) 1,2-DIBROMOETHANE	13.597	107	12953	0.46	PPBV #	98
54) CHLOROBENZENE	14.749	112	18637	0.45	PPBV	96
55) ETHYLBENZENE	15.127	91	27066	0.40	PPBV	97
56) m,p-XYLENE	15.323	106	20206m	0.78	PPBV	
57) o-XYLENE	15.821	106	10481	0.40	PPBV	95
58) STYRENE	15.702	104	12720	0.34	PPBV	96
59) NONANE	16.024	43	13031	0.39	PPBV	93
60) BROMOFORM	15.420	173	12525	0.34	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.809	83	18629	0.48	PPBV	96
63) ISOPROPYLBENZENE	16.467	105	32602	0.41	PPBV	99
64) 2-CHLOROTOLUENE	17.019	91	22818	0.40	PPBV	98
65) 4-ETHYLTOLUENE	17.209	105	27226	0.38	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.296	105	28706	0.42	PPBV	100
67) 1,2,4-TRIMETHYLBENZENE	17.756	105	25520	0.39	PPBV	99
68) m-DICHLOROBENZENE	17.942	146	19093	0.44	PPBV	94
69) BENZYL CHLORIDE	17.917	91	11288	0.31	PPBV	93
70) p-DICHLOROBENZENE	18.013	146	14458	0.33	PPBV	80
71) o-DICHLOROBENZENE	18.404	146	19673	0.49	PPBV	99
72) HEXACHLOROBUTADIENE	20.796	225	31622	1.42	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.306	180	11854	0.80	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3982.D
Acq On : 16 Jul 2007 8:26 pm
Operator : danat
Sample : ic214-0.5 (M210)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 08:20:19 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:18:23 2007
Response via : Initial Calibration

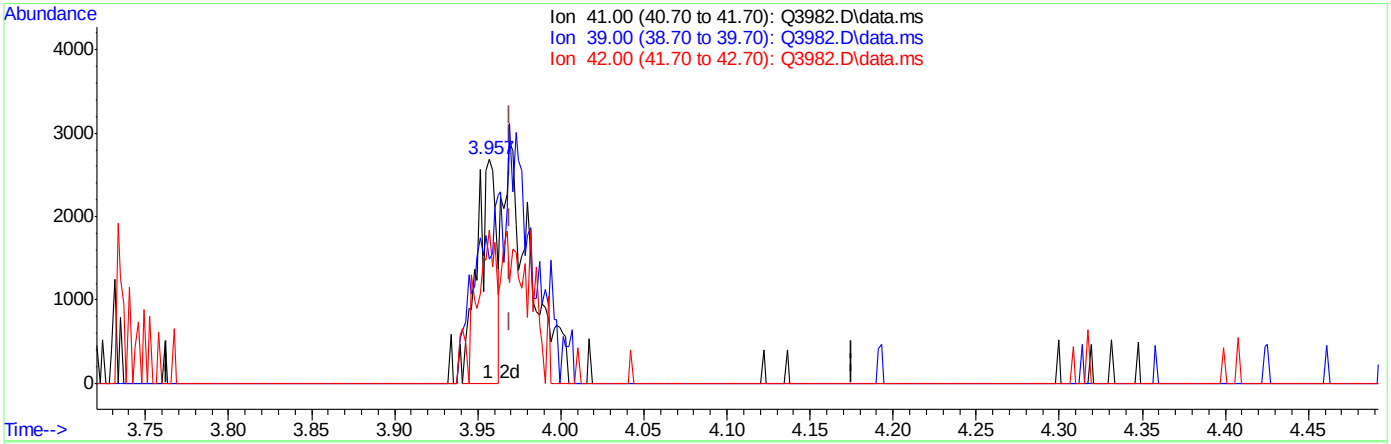


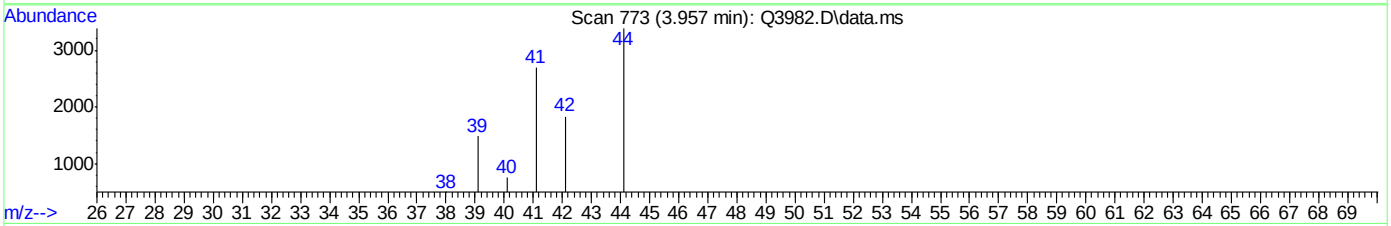
ACCUTEST Laboratories M66975

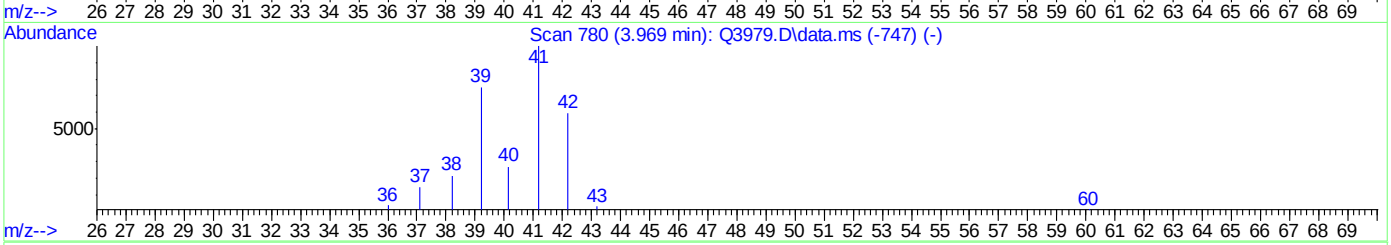
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3982.D
Acq On : 16 Jul 2007 8:26 pm
Operator : danat
Sample : ic214-0.5 (M210)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 08:18:32 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:18:23 2007
Response via : Initial Calibration







TIC: Q3982.D\data.ms

(3) PROPYLENE (m)

3.957min (-0.012) 0.19PPBV

response 2110

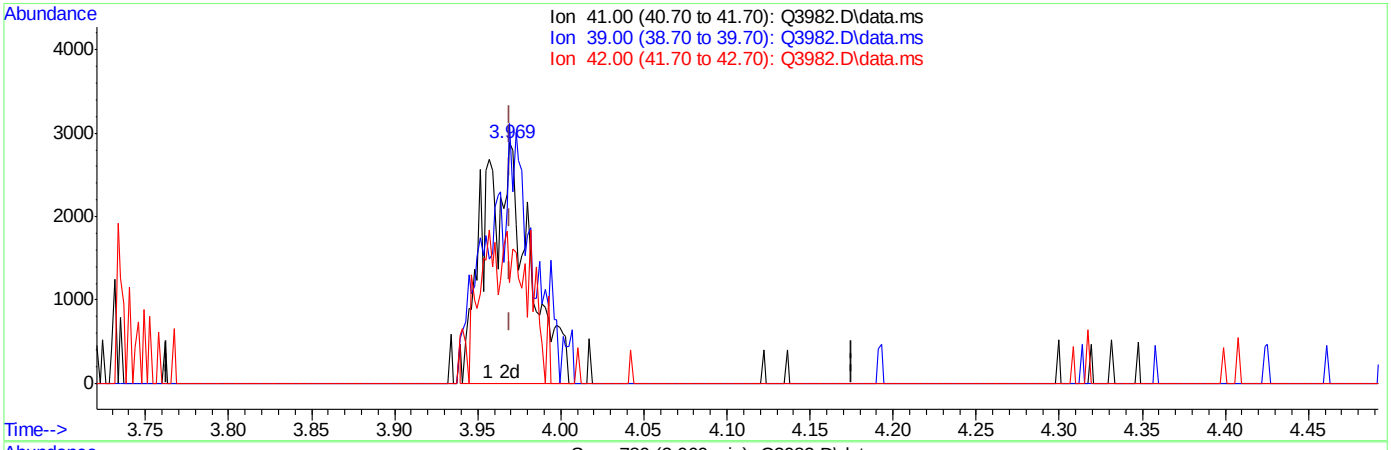
Ion	Exp%	Act%
41.00	100	100
39.00	75.10	55.29
42.00	59.30	68.24
0.00	0.00	0.00

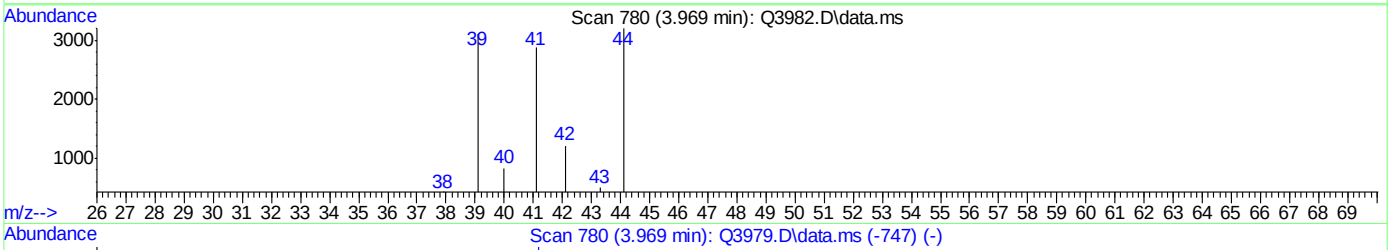
ACCUTEST Laboratories M66975

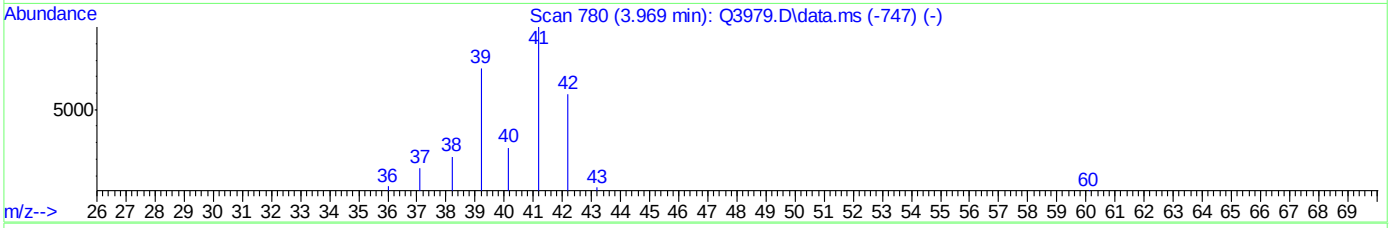
Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q3982.D
Acq On    : 16 Jul 2007   8:26 pm
Operator  : danat
Sample    : ic214-0.5 (M210)
Misc      : MS13893, MSQ214,,,,,1
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Jul 17 08:18:32 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:18:23 2007
Response via : Initial Calibration
```





TIC: Q3982.D\data.ms

(3) PROPYLENE (m)

3.969min (+0.000) 0.49PPBV m

response 5450

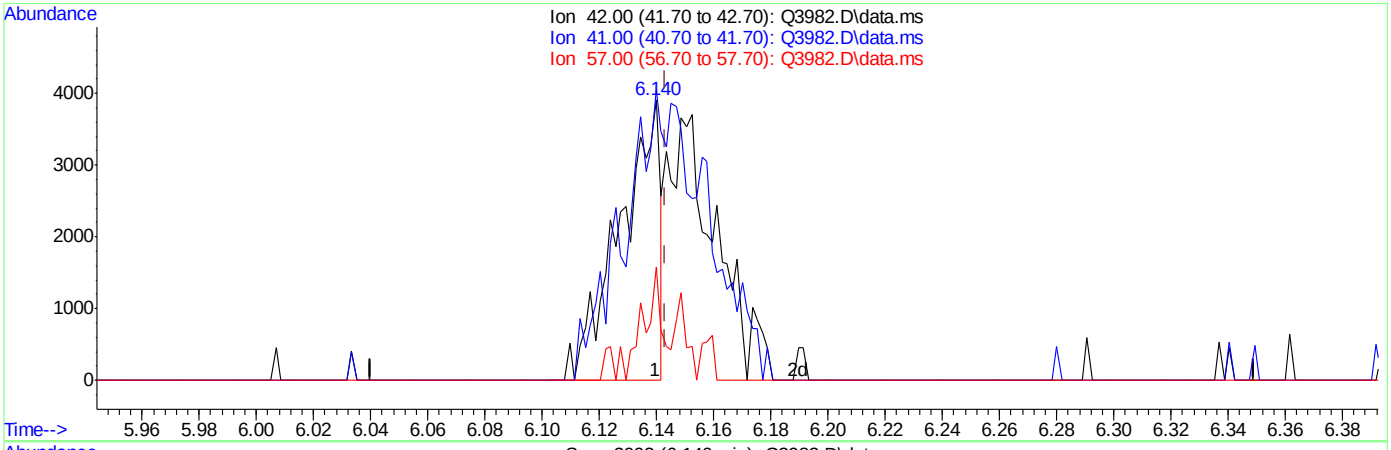
Ion	Exp%	Act%
41.00	100	100
39.00	75.10	108.01#
42.00	59.30	41.83
0.00	0.00	0.00

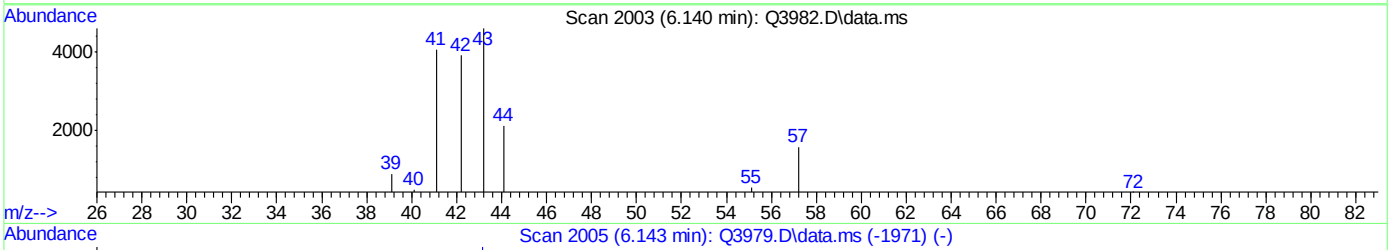
ACCUTEST Laboratories M66975

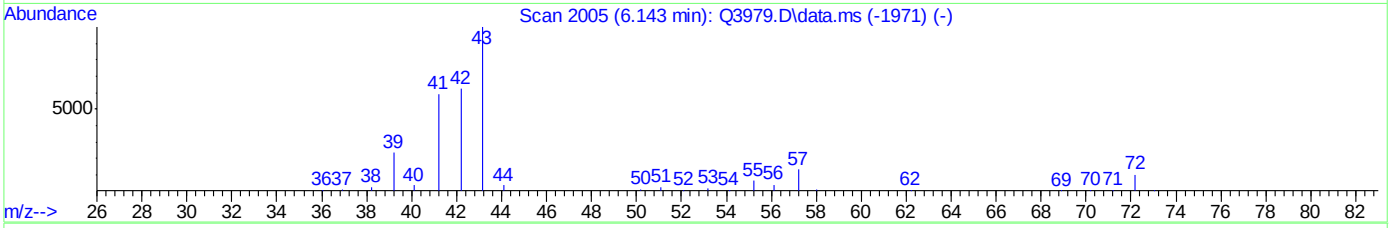
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3982.D
Acq On : 16 Jul 2007 8:26 pm
Operator : danat
Sample : ic214-0.5 (M210)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 08:18:32 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:18:23 2007
Response via : Initial Calibration







TIC: Q3982.D\data.ms

(13) PENTANE (m)

6.140min (-0.003) 0.28PPBV

response 3846

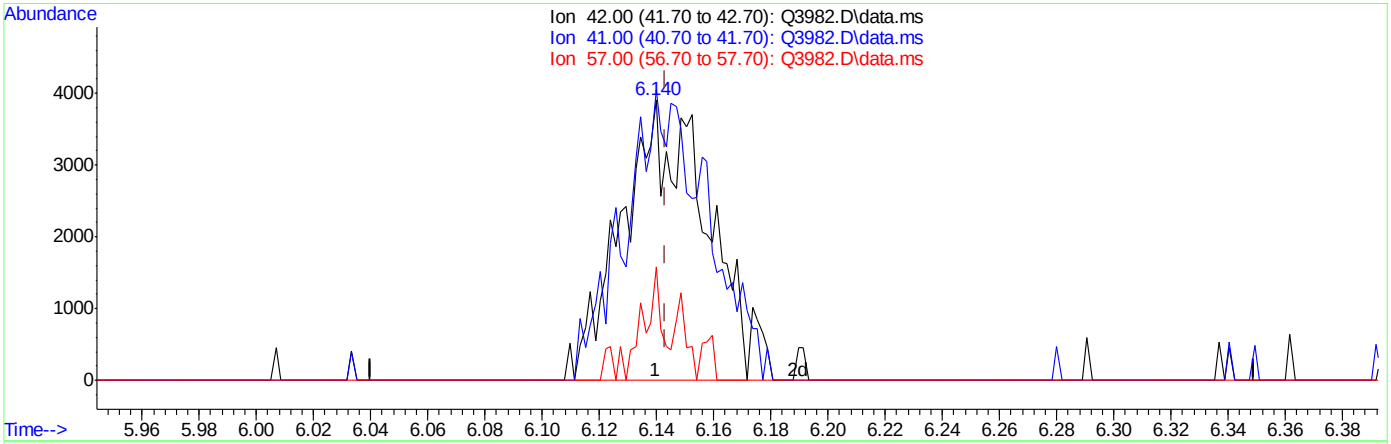
Ion	Exp%	Act%
42.00	100	100
41.00	102.30	212.17#
57.00	25.00	22.02
0.00	0.00	0.00

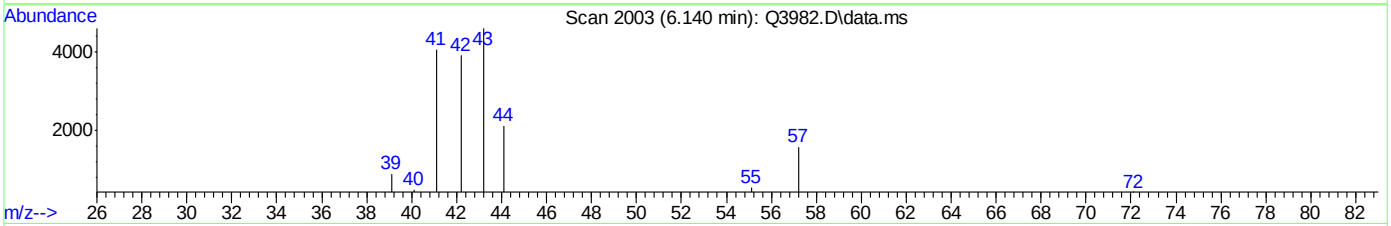
ACCUTEST Laboratories M66975

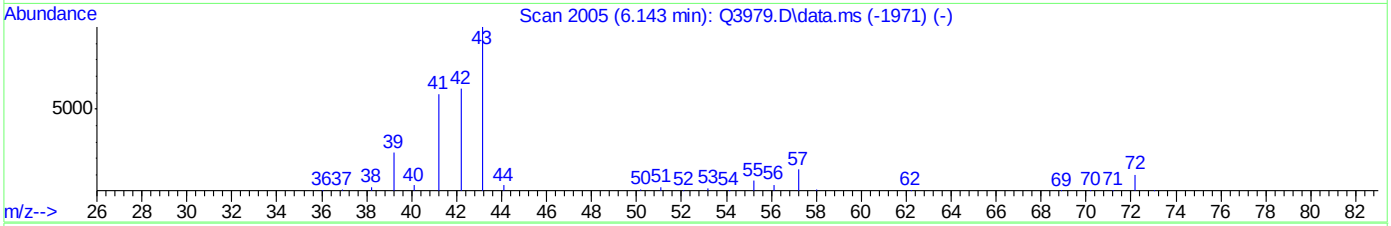
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3982.D
Acq On : 16 Jul 2007 8:26 pm
Operator : danat
Sample : ic214-0.5 (M210)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 08:18:32 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:18:23 2007
Response via : Initial Calibration







TIC: Q3982.D\data.ms

(13) PENTANE (m)

6.140min (-0.003) 0.56PPBV m

response 7782

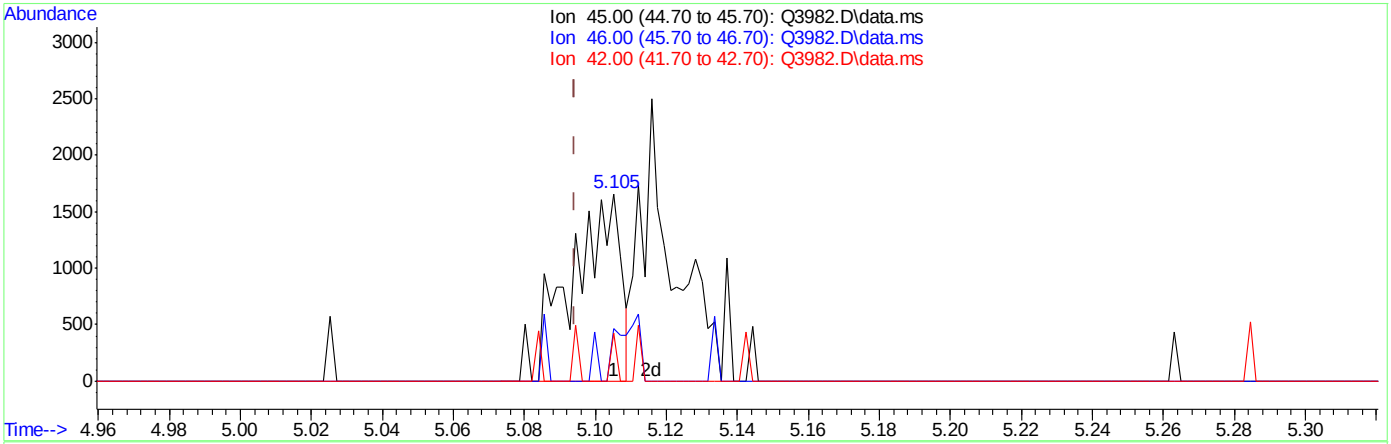
Ion	Exp%	Act%
42.00	100	100
41.00	102.30	104.86
57.00	25.00	10.88
0.00	0.00	0.00

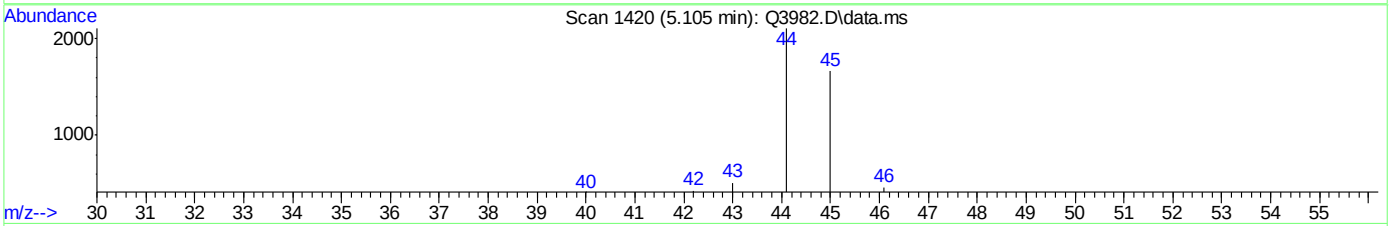
ACCUTEST Laboratories M66975

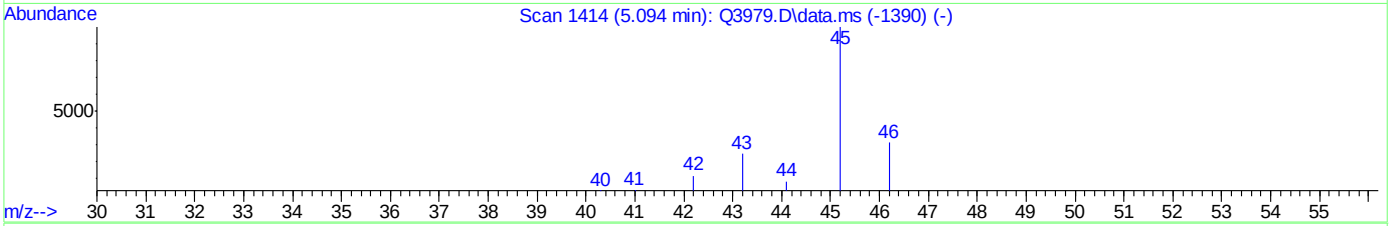
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3982.D
Acq On : 16 Jul 2007 8:26 pm
Operator : danat
Sample : ic214-0.5 (M210)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 08:18:32 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:18:23 2007
Response via : Initial Calibration







TIC: Q3982.D\data.ms

(16) ETHANOL (m)

5.105min (+0.011) 0.37PPBV

response 1592

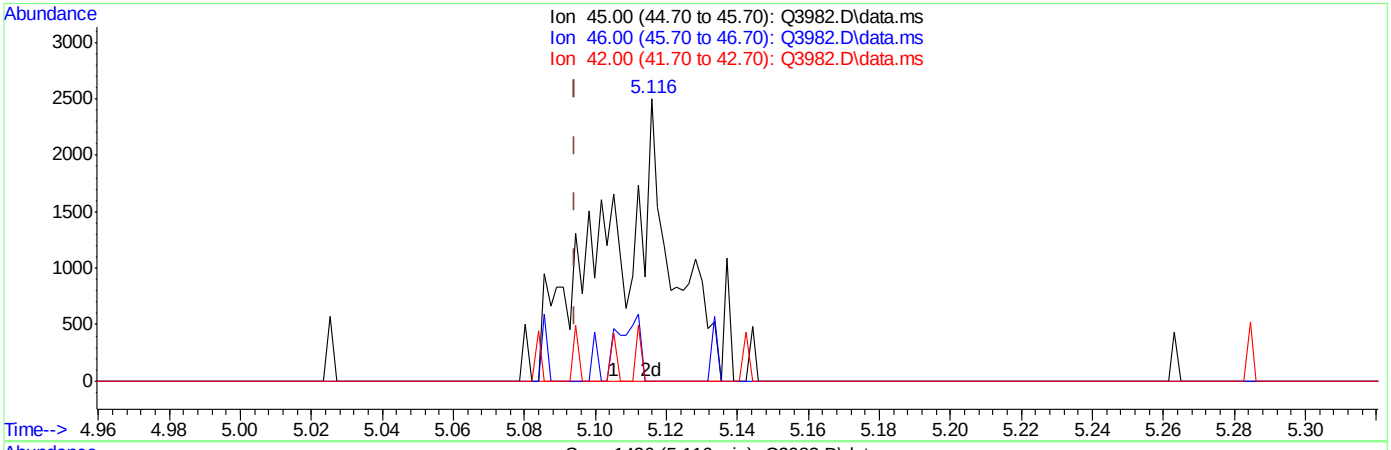
Ion	Exp%	Act%
45.00	100	100
46.00	33.80	0.00#
42.00	5.90	2.89
0.00	0.00	0.00

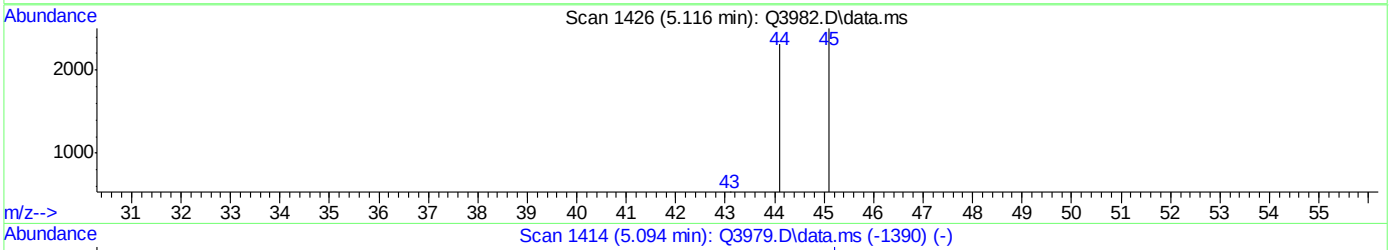
ACCUTEST Laboratories M66975

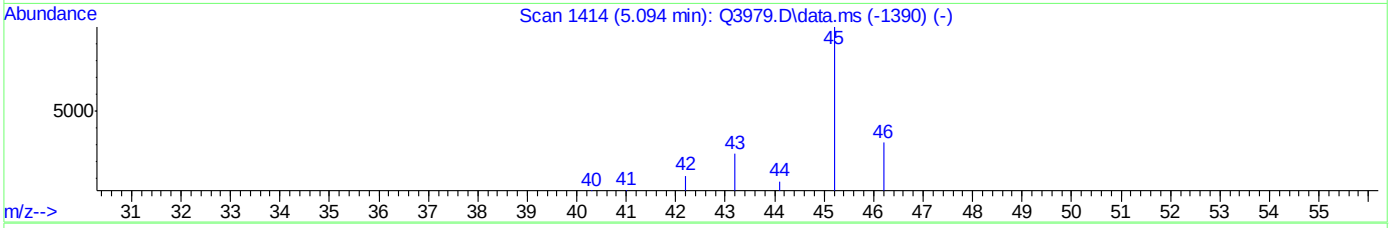
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3982.D
Acq On : 16 Jul 2007 8:26 pm
Operator : danat
Sample : ic214-0.5 (M210)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 08:18:32 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:18:23 2007
Response via : Initial Calibration







TIC: Q3982.D\data.ms

(16) ETHANOL (m)

5.116min (+0.021) 0.72PPBV m

response 3143

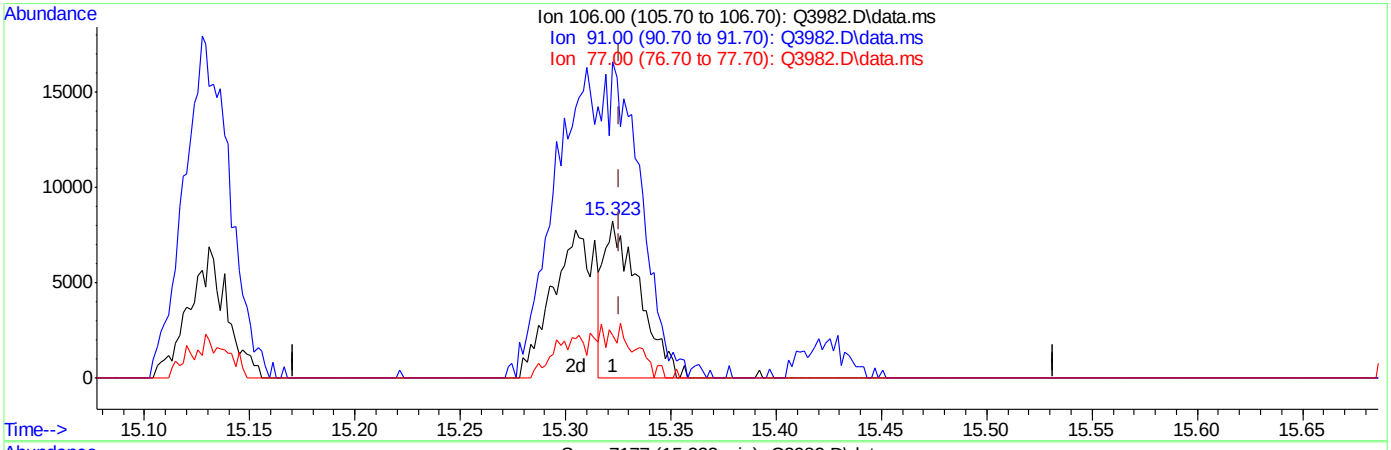
Ion	Exp%	Act%
45.00	100	100
46.00	33.80	0.00#
42.00	5.90	1.46
0.00	0.00	0.00

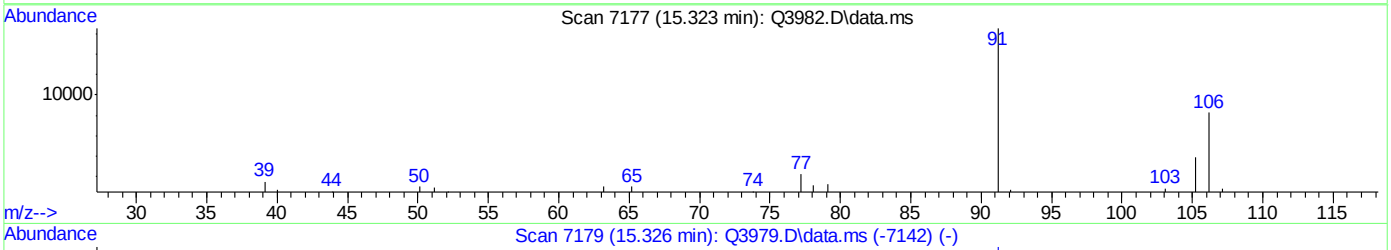
ACCUTEST Laboratories M66975

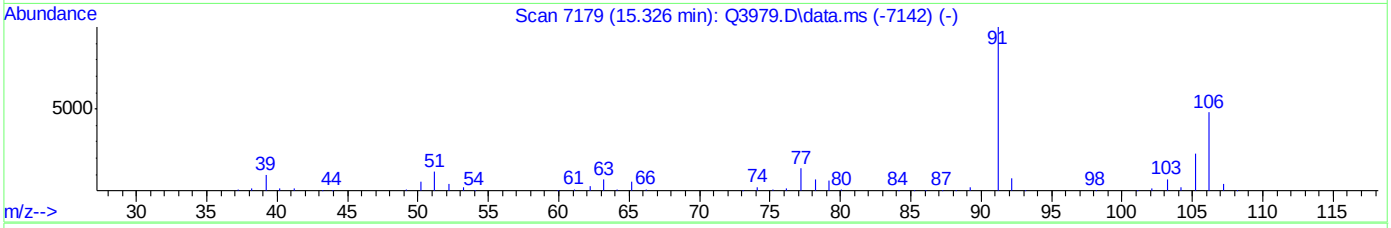
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3982.D
Acq On : 16 Jul 2007 8:26 pm
Operator : danat
Sample : ic214-0.5 (M210)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 08:18:32 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:18:23 2007
Response via : Initial Calibration







TIC: Q3982.D\data.ms

(56) m,p-XYLENE (m)

15.323min (-0.003) 0.37PPBV

response 9643

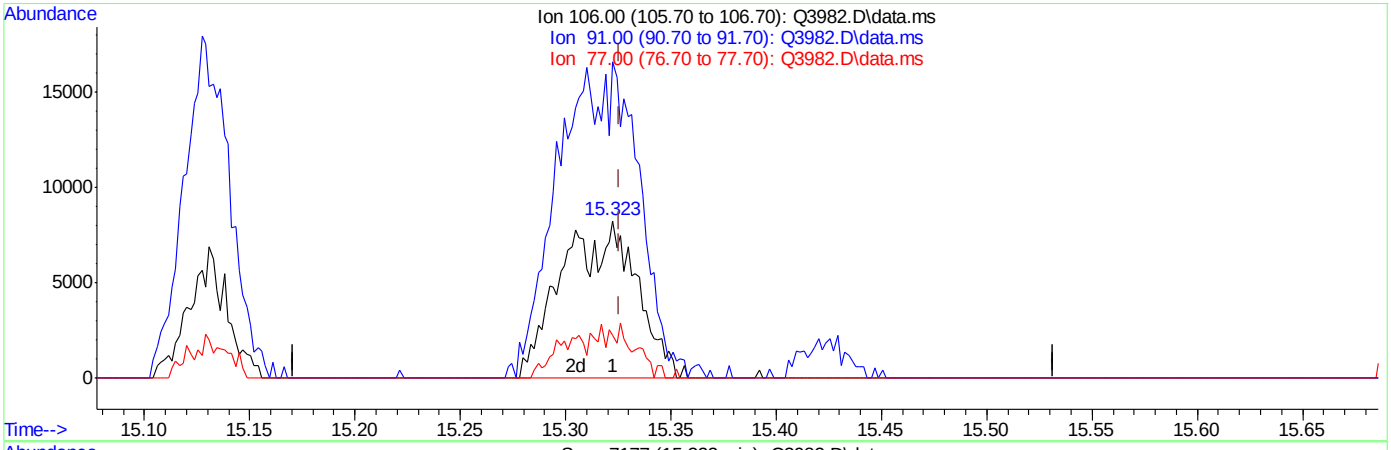
Ion	Exp%	Act%
106.00	100	100
91.00	209.40	200.63
77.00	28.30	26.84
0.00	0.00	0.00

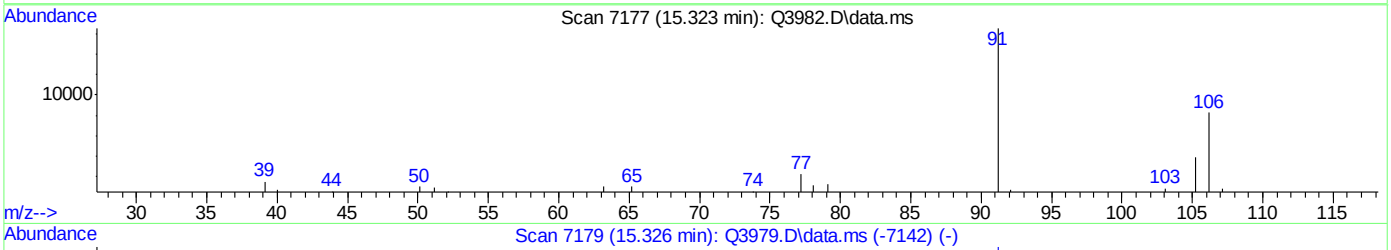
ACCUTEST Laboratories M66975

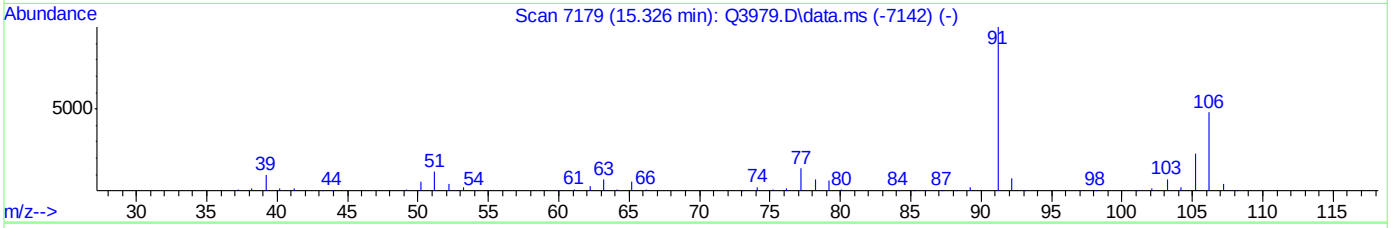
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3982.D
Acq On : 16 Jul 2007 8:26 pm
Operator : danat
Sample : ic214-0.5 (M210)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 08:18:32 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:18:23 2007
Response via : Initial Calibration







TIC: Q3982.D\data.ms

(56) m,p-XYLENE (m)

15.323min (-0.003) 0.78PPBV m

response 20206

Ion	Exp%	Act%
106.00	100	100
91.00	209.40	200.63
77.00	28.30	26.84
0.00	0.00	0.00

ACCUTEST Laboratories M66975

Q3983.D

Manual Integrations APPROVED (compounds with "m" flag)

Philip Bassignani 07/18/07 19:08

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3983.D
Acq On : 16 Jul 2007 9:09 pm
Operator : danat
Sample : ic214-0.2 (M210)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 08:24:58 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:21:05 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	189375	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.463	114	853254	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.705	117	728923	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.325	95	249172	4.60	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 92.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.040	85	15158	0.24	PPBV	96
3) PROPYLENE	3.959	41	1169	0.11	PPBV #	73
4) FREON 114	4.292	85	14083	0.25	PPBV	94
5) CHLOROMETHANE	4.196	50	3033	0.22	PPBV	82
6) VINYL CHLORIDE	4.429	62	3554	0.22	PPBV #	69
7) 1,3-BUTADIENE	4.557	39	2711	0.21	PPBV #	75
8) BROMOMETHANE	4.830	94	3665	0.20	PPBV	85
9) CHLOROETHANE	5.006	64	645	0.09	PPBV #	59
10) TRICHLOROFLUOROMETHANE	5.792	101	14776	0.24	PPBV	95
11) ISOPROPYL ALCOHOL	5.843	45	10622	0.42	PPBV	91
12) ACETONE	5.618	43	12921	0.47	PPBV	90
13) PENTANE	6.149	42	2787	0.20	PPBV #	73
14) 1,1-DICHLOROETHYLENE	6.417	96	3686m	0.21	PPBV	
15) CARBON DISULFIDE	6.862	76	9183	0.21	PPBV	83
16) ETHANOL	5.119	45	1154	0.26	PPBV	81
17) BROMOETHENE	5.371	106	3595	0.20	PPBV #	92
18) METHYLENE CHLORIDE	6.536	84	12336	0.52	PPBV	99
19) 3-CHLOROPROPENE	6.669	39	2636	0.20	PPBV #	78
20) FREON 113	6.797	151	11718	0.28	PPBV	99
21) TRANS-1,2-DICHLOROETHY...	7.471	96	3825	0.23	PPBV #	75
22) TERTIARY BUTYL ALCOHOL	6.461	59	5983m	0.20	PPBV	
23) METHYL TERTIARY BUTYL ...	7.725	73	8383	0.22	PPBV	84
24) TETRAHYDROFURAN	9.168	42	2015	0.17	PPBV #	45
25) HEXANE	8.662	57	10987	0.41	PPBV	91
26) VINYL ACETATE	7.792	43	6568	0.24	PPBV #	17
27) 1,1-DICHLOROETHANE	7.659	63	5973m	0.22	PPBV	
28) METHYL ETHYL KETONE	8.042	43	5888	0.24	PPBV	85
29) cis-1,2-DICHLOROETHYLENE	8.479	96	2919	0.19	PPBV #	79
30) ETHYL ACETATE	8.674	43	14102	0.30	PPBV #	94
31) CHLOROFORM	8.752	83	7944	0.21	PPBV	94
32) 1,1,1-TRICHLOROETHANE	9.720	97	8026	0.21	PPBV	97
33) CARBON TETRACHLORIDE	10.291	117	9029	0.20	PPBV	100
34) 1,2-DICHLOROETHANE	9.462	62	4293	0.19	PPBV	97
36) BENZENE	10.146	78	7594	0.19	PPBV	93
37) CYCLOHEXANE	10.419	84	3091	0.18	PPBV	90
38) TRICHLOROETHYLENE	11.143	95	4469	0.20	PPBV #	38
39) 1,2-DICHLOROPROPANE	10.925	63	2041	0.15	PPBV #	76
40) BROMODICHLOROMETHANE	11.111	83	6385	0.18	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.168	57	10369	0.17	PPBV	72
42) 1,4-DIOXANE	11.168	88	1460	0.19	PPBV #	1
43) HEPTANE	11.406	43	3925	0.17	PPBV	89

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3983.D
Acq On : 16 Jul 2007 9:09 pm
Operator : danat
Sample : ic214-0.2 (M210)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 08:24:58 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:21:05 2007
Response via : Initial Calibration

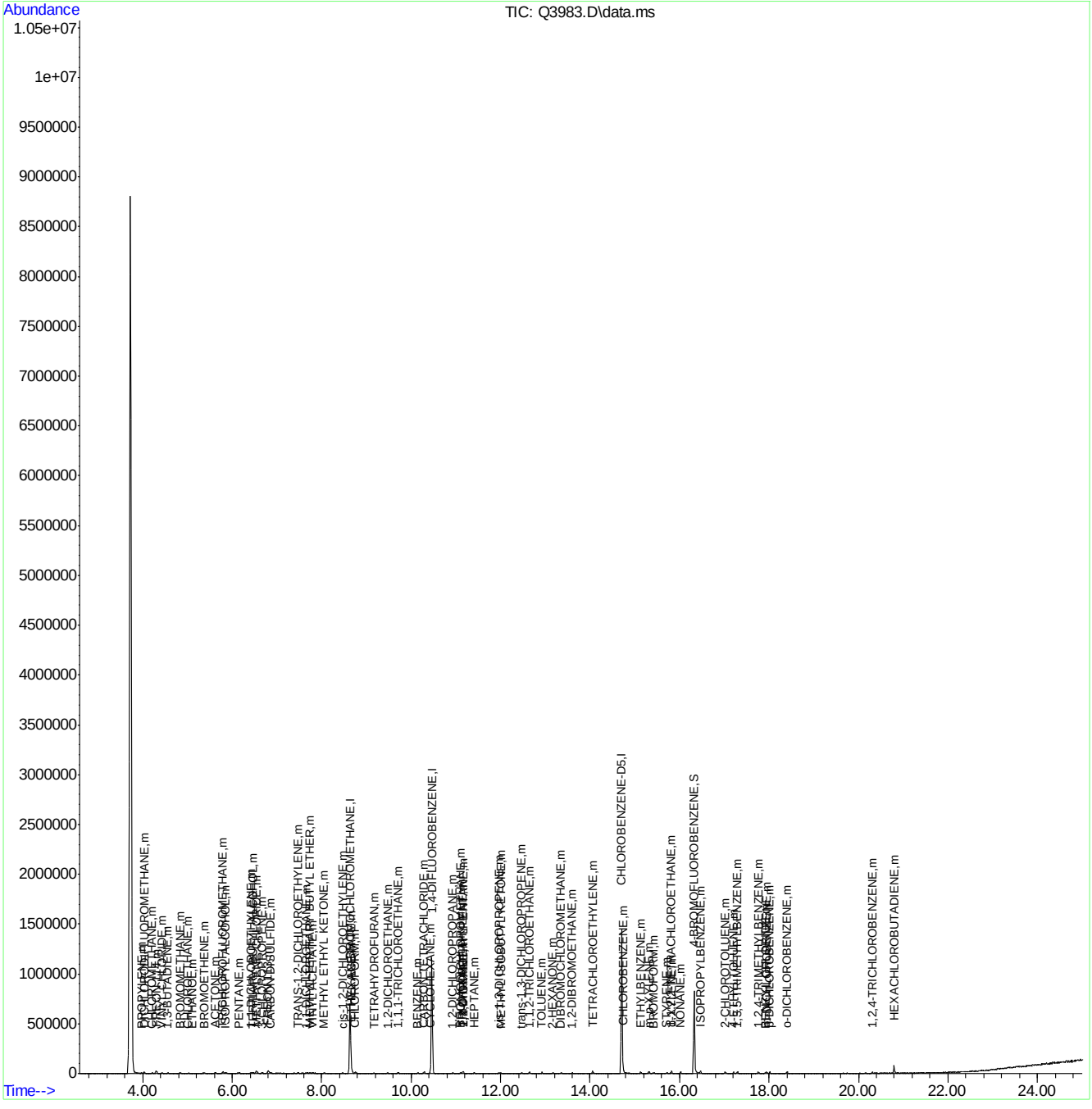
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.993	43	5126	0.18	PPBV	79
45) cis-1,3-DICHLOROPROPENE	11.966	75	3767	0.18	PPBV	89
46) TOLUENE	12.921	92	5790	0.20	PPBV	92
47) trans-1,3-DICHLOROPROPENE	12.469	75	2850	0.15	PPBV #	38
48) 1,1,2-TRICHLOROETHANE	12.644	83	2707	0.18	PPBV	96
50) 2-HEXANONE	13.156	43	4158	0.17	PPBV #	84
51) TETRACHLOROETHYLENE	14.062	164	4484	0.18	PPBV	92
52) DIBROMOCHLOROMETHANE	13.349	129	5802	0.17	PPBV #	26
53) 1,2-DIBROMOETHANE	13.603	107	5192	0.19	PPBV #	99
54) CHLOROBENZENE	14.753	112	7577	0.20	PPBV	95
55) ETHYLBENZENE	15.127	91	10377	0.17	PPBV	84
56) m,p-XYLENE	15.323	106	7451m	0.31	PPBV	
57) o-XYLENE	15.816	106	3837	0.16	PPBV	95
58) STYRENE	15.709	104	4746	0.14	PPBV	97
59) NONANE	16.022	43	4824	0.16	PPBV #	90
60) BROMOFORM	15.429	173	4552	0.14	PPBV	94
62) 1,1,2,2-TETRACHLOROETHANE	15.807	83	7277	0.20	PPBV	97
63) ISOPROPYLBENZENE	16.464	105	12622	0.17	PPBV	95
64) 2-CHLOROTOLUENE	17.016	91	9048	0.17	PPBV	75
65) 4-ETHYLTOLUENE	17.207	105	10144m	0.15	PPBV	
66) 1,3,5-TRIMETHYLBENZENE	17.293	105	10773	0.17	PPBV	89
67) 1,2,4-TRIMETHYLBENZENE	17.759	105	8767	0.15	PPBV	95
68) m-DICHLOROBENZENE	17.939	146	7327	0.18	PPBV	99
69) BENZYL CHLORIDE	17.914	91	3234	0.10	PPBV	83
70) p-DICHLOROBENZENE	18.020	146	7266	0.19	PPBV	94
71) o-DICHLOROBENZENE	18.404	146	7410	0.19	PPBV	95
72) HEXACHLOROBUTADIENE	20.796	225	12574	0.45	PPBV	95
73) 1,2,4-TRICHLOROBENZENE	20.311	180	4294	0.27	PPBV	88

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3983.D
Acq On : 16 Jul 2007 9:09 pm
Operator : danat
Sample : ic214-0.2 (M210)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 1 Sample Multiplier: 1

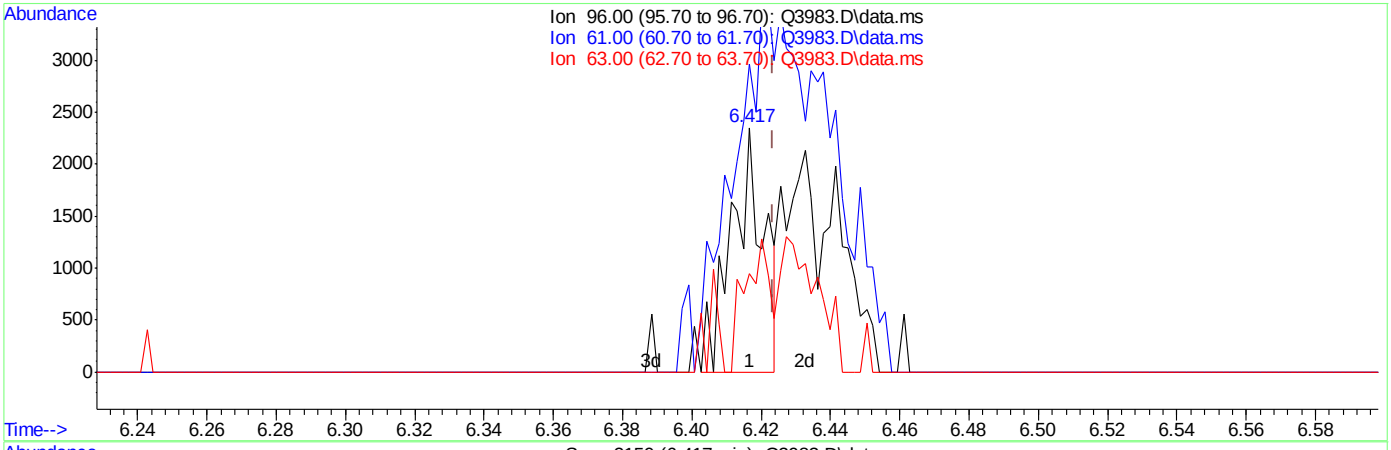
Quant Time: Jul 17 08:24:58 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:21:05 2007
Response via : Initial Calibration

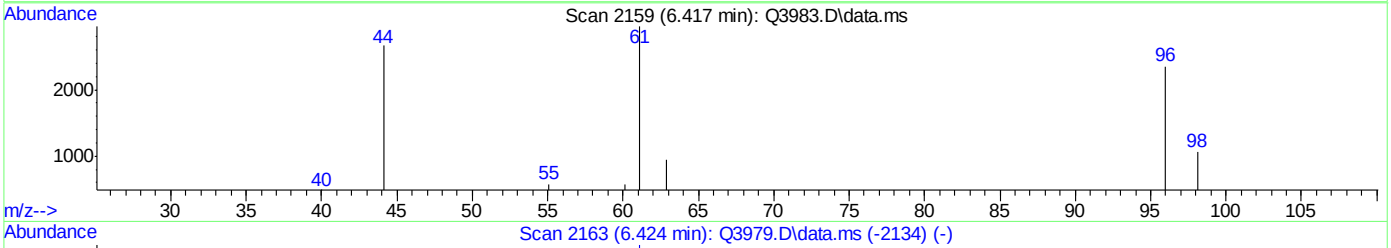


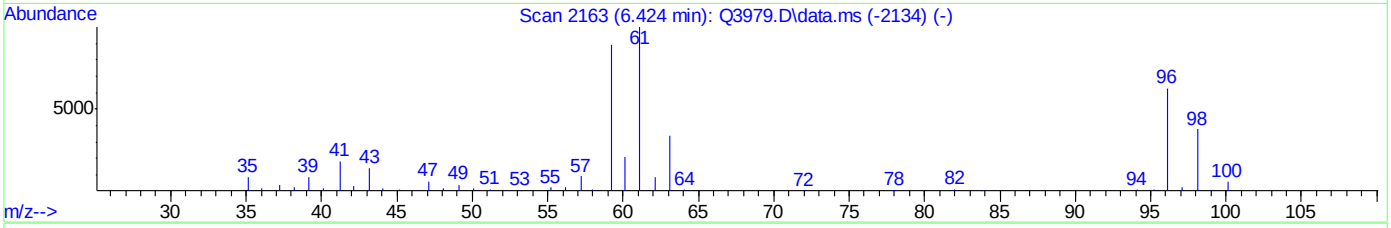
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3983.D
Acq On : 16 Jul 2007 9:09 pm
Operator : danat
Sample : ic214-0.2 (M210)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 08:21:24 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:21:05 2007
Response via : Initial Calibration







TIC: Q3983.D\data.ms

(14) 1,1-DICHLOROETHYLENE (m)

6.417min (-0.007) 0.09PPBV

response 1536

Ion	Exp%	Act%
96.00	100	100
61.00	168.60	458.46#
63.00	54.00	42.64
0.00	0.00	0.00

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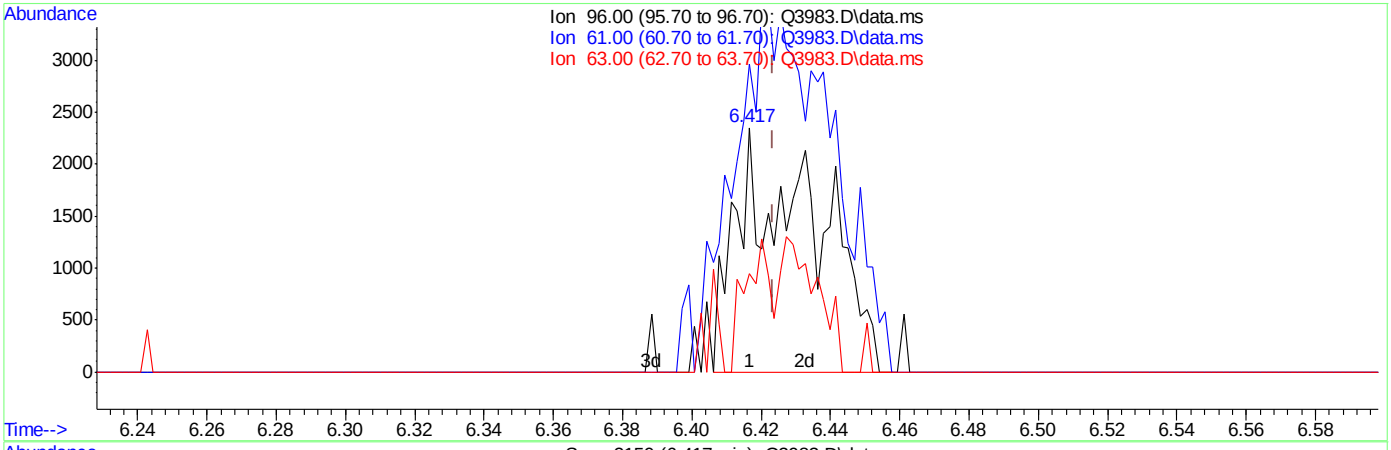
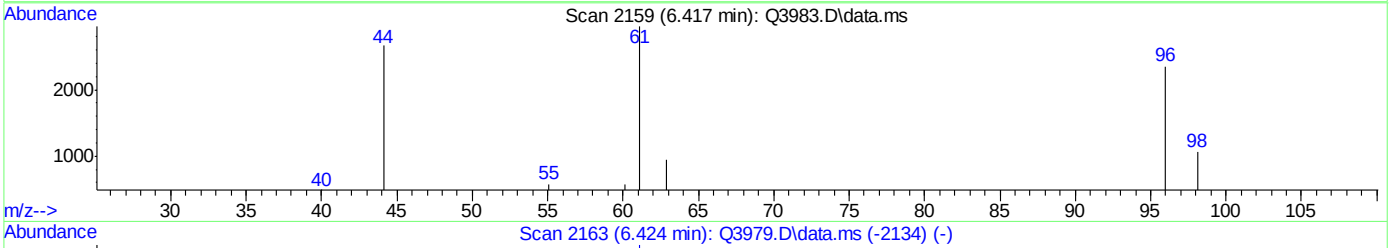
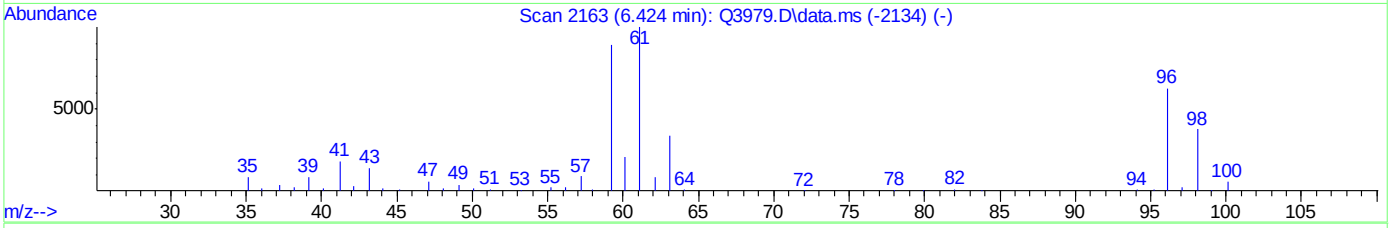
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3983.D
Acq On : 16 Jul 2007 9:09 pm
Operator : danat
Sample : ic214-0.2 (M210)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 08:21:24 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:21:05 2007
Response via : Initial Calibration







TIC: Q3983.D\data.ms

(14) 1,1-DICHLOROETHYLENE (m)

6.417min (-0.007) 0.21PPBV m

response 3686

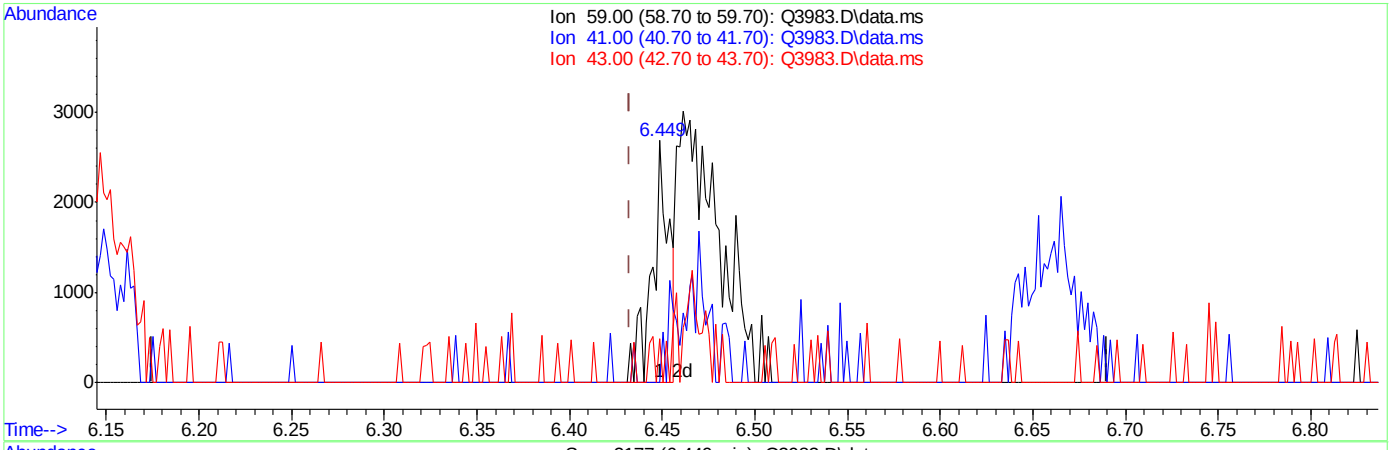
Ion	Exp%	Act%
96.00	100	100
61.00	168.60	191.05#
63.00	54.00	17.77#
0.00	0.00	0.00

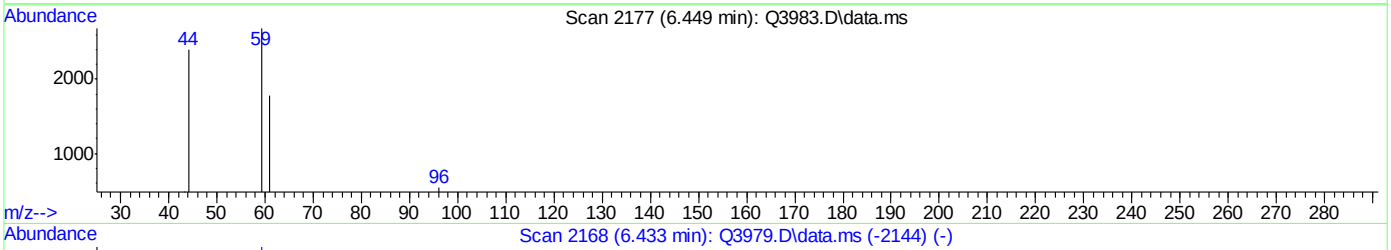
ACCUTEST Laboratories M66975

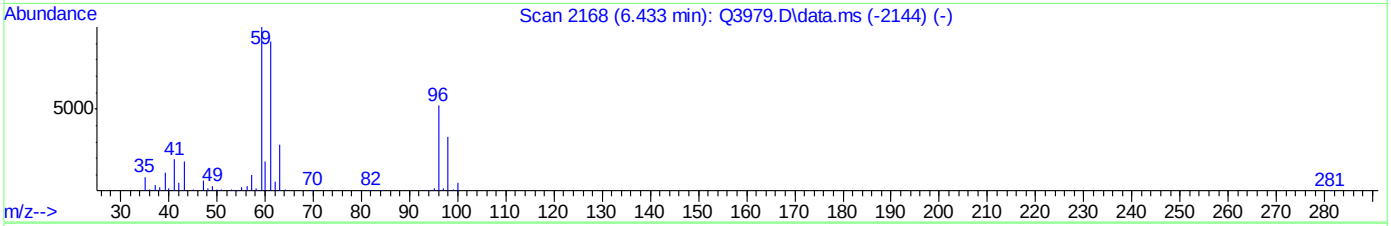
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3983.D
Acq On : 16 Jul 2007 9:09 pm
Operator : danat
Sample : ic214-0.2 (M210)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 08:21:24 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:21:05 2007
Response via : Initial Calibration







TIC: Q3983.D\data.ms

(22) TERTIARY BUTYL ALCOHOL (m)

6.449min (+0.016) 0.06PPBV

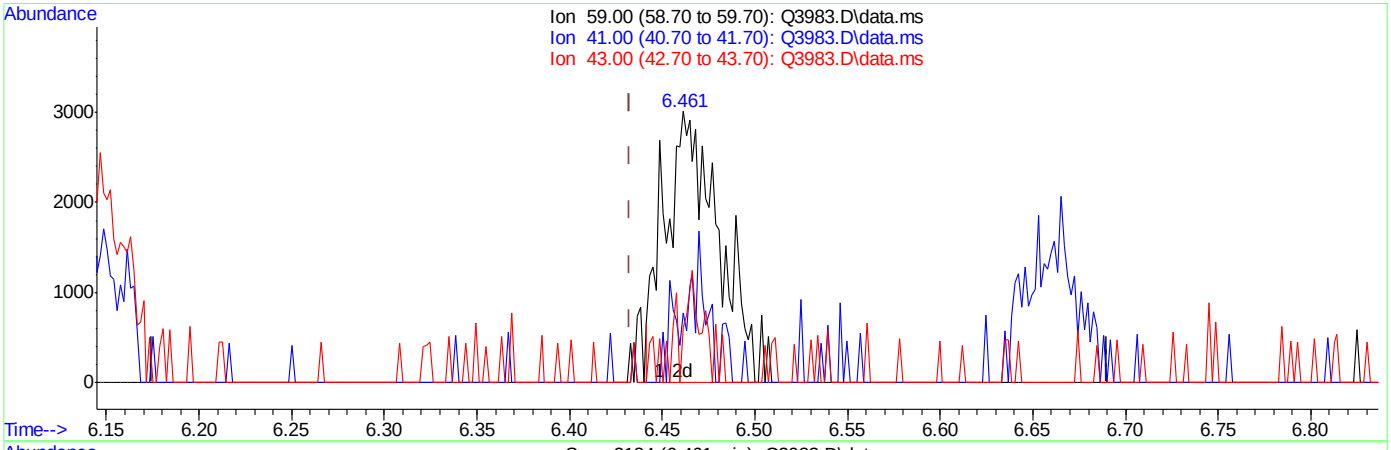
response 1658

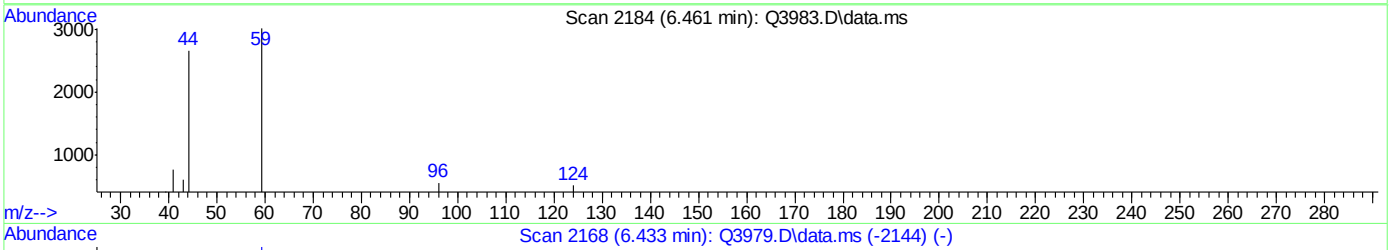
Ion	Exp%	Act%
59.00	100	100
41.00	20.70	0.00#
43.00	17.30	2.90
0.00	0.00	0.00

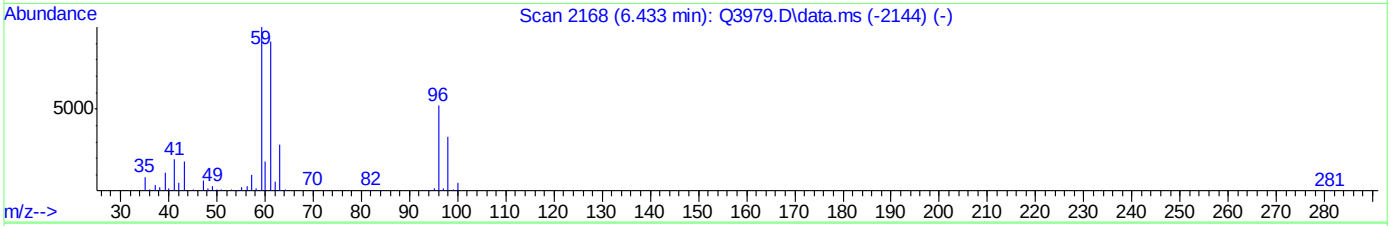
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3983.D
Acq On : 16 Jul 2007 9:09 pm
Operator : danat
Sample : ic214-0.2 (M210)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 08:21:24 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:21:05 2007
Response via : Initial Calibration







TIC: Q3983.D\data.ms

(22) TERTIARY BUTYL ALCOHOL (m)

6.461min (+0.029) 0.20PPBV m

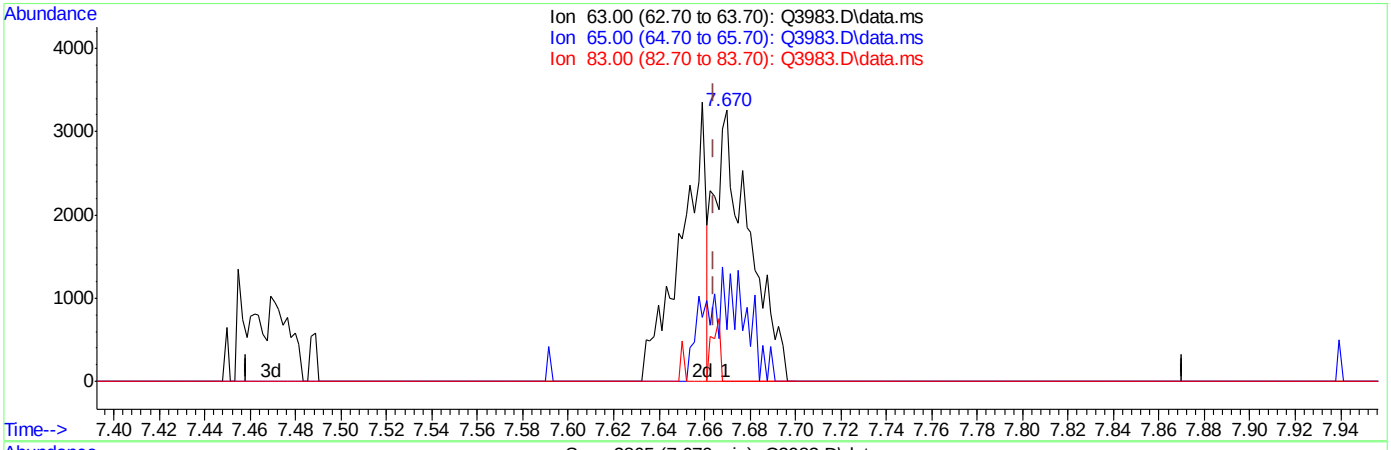
response 5983

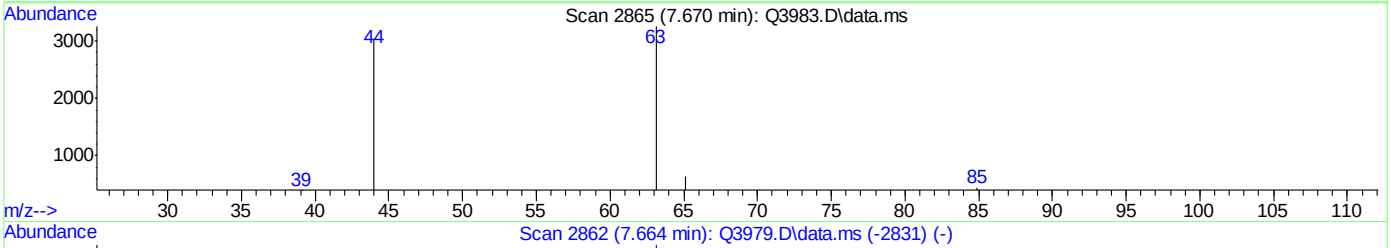
Ion	Exp%	Act%
59.00	100	100
41.00	20.70	0.00#
43.00	17.30	0.80
0.00	0.00	0.00

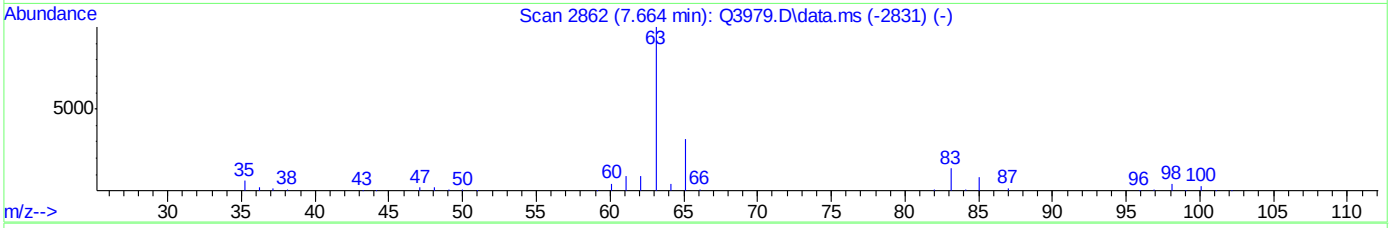
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3983.D
Acq On : 16 Jul 2007 9:09 pm
Operator : danat
Sample : ic214-0.2 (M210)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 08:21:24 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:21:05 2007
Response via : Initial Calibration







TIC: Q3983.D\data.ms

(27) 1,1-DICHLOROETHANE (m)

7.670min (+0.005) 0.12PPBV

response 3451

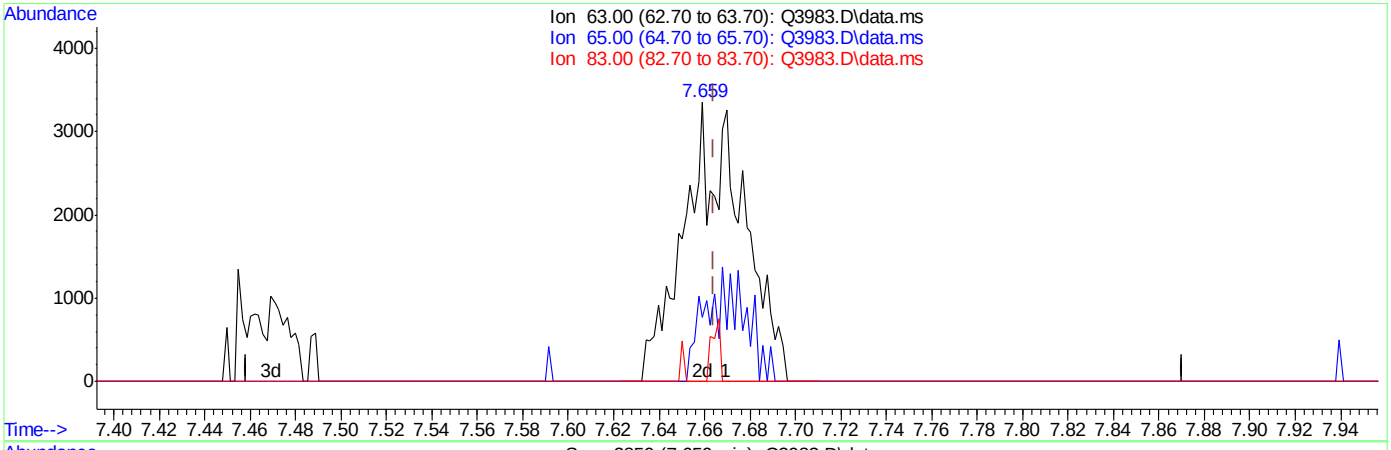
Ion	Exp%	Act%
63.00	100	100
65.00	31.70	46.10
83.00	15.00	5.56
0.00	0.00	0.00

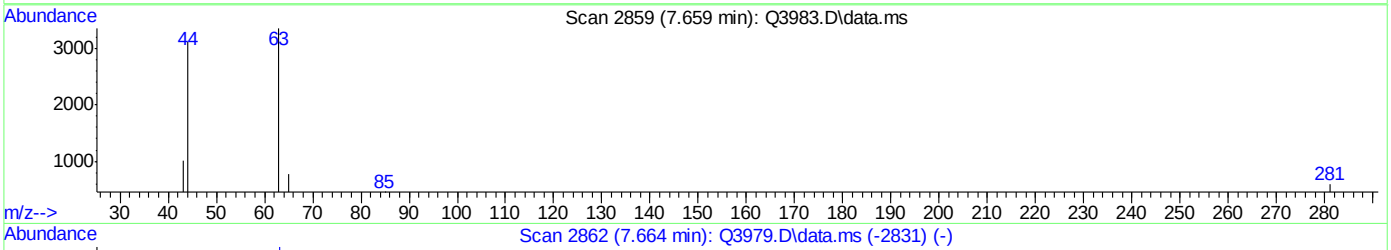
ACCUTEST Laboratories M66975

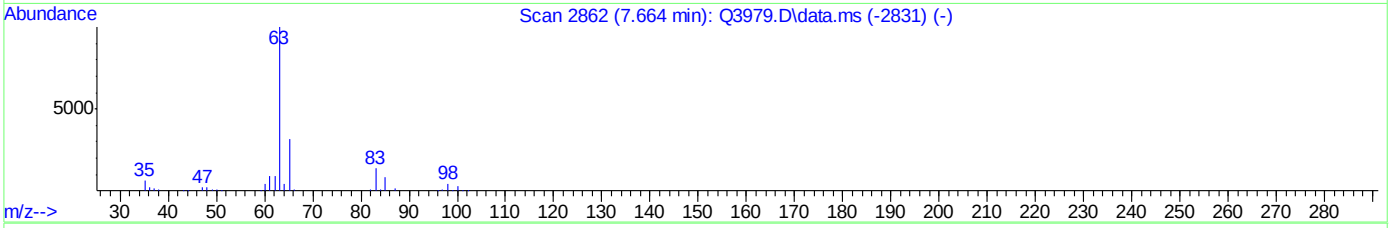
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3983.D
Acq On : 16 Jul 2007 9:09 pm
Operator : danat
Sample : ic214-0.2 (M210)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 08:21:24 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:21:05 2007
Response via : Initial Calibration







TIC: Q3983.D\data.ms

(27) 1,1-DICHLOROETHANE (m)

7.659min (-0.005) 0.22PPBV m

response 5973

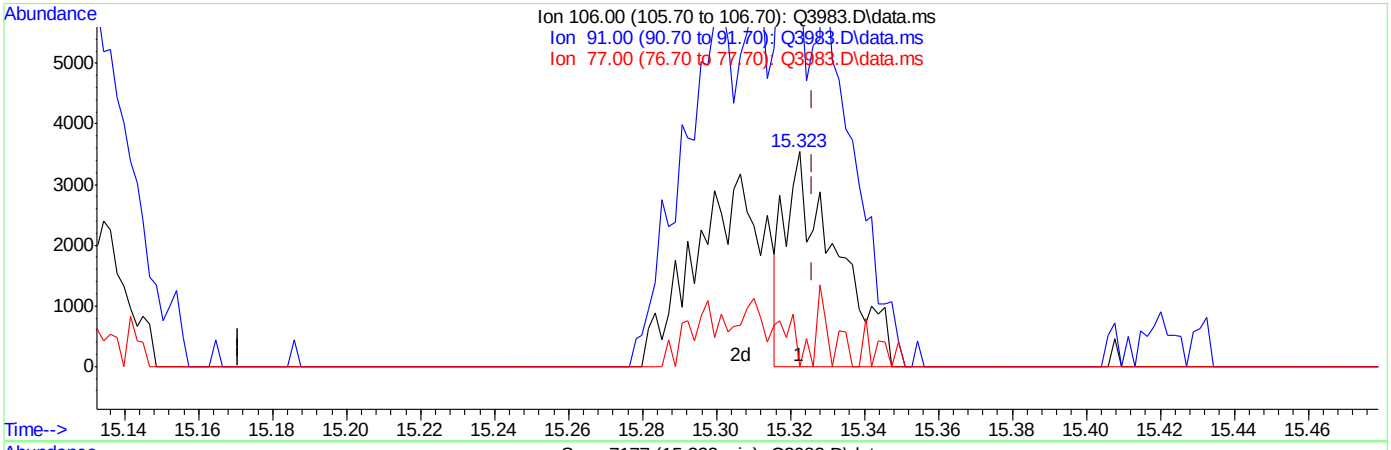
Ion	Exp%	Act%
63.00	100	100
65.00	31.70	26.64
83.00	15.00	3.21
0.00	0.00	0.00

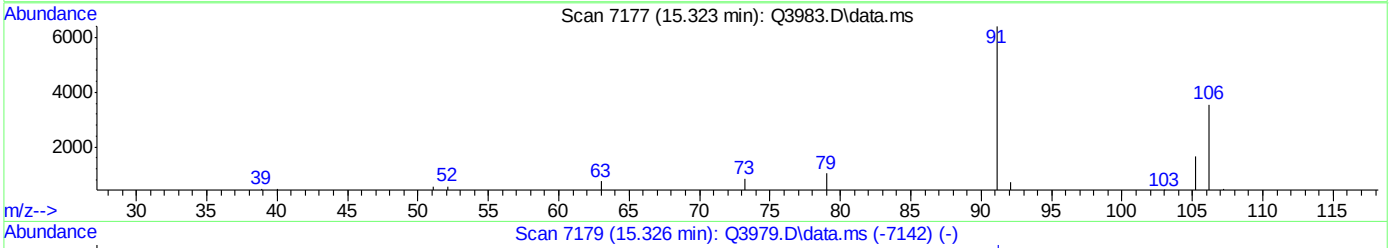
ACCUTEST Laboratories M66975

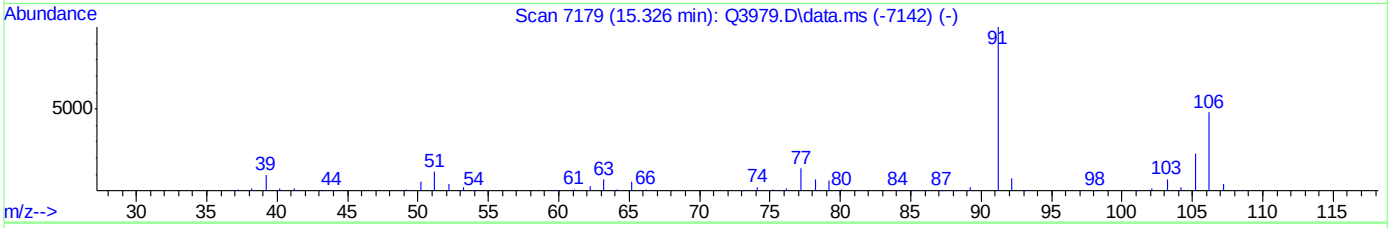
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3983.D
Acq On : 16 Jul 2007 9:09 pm
Operator : danat
Sample : ic214-0.2 (M210)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 08:21:24 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:21:05 2007
Response via : Initial Calibration







TIC: Q3983.D\data.ms

(56) m,p-XYLENE (m)

15.323min (-0.003) 0.14PPBV

response 3422

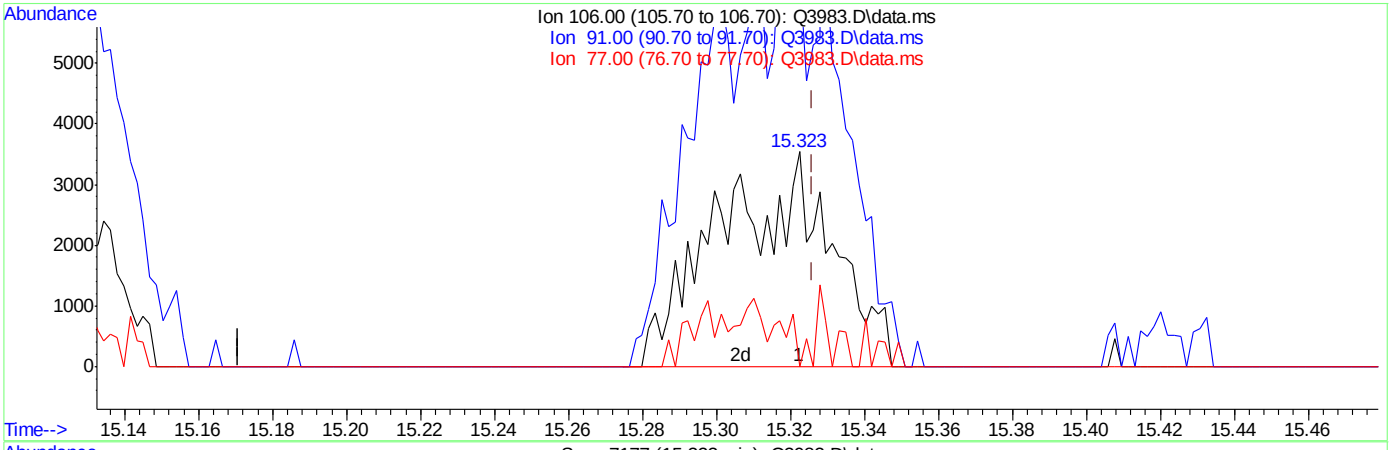
Ion	Exp%	Act%
106.00	100	100
91.00	209.40	180.76
77.00	28.30	0.00#
0.00	0.00	0.00

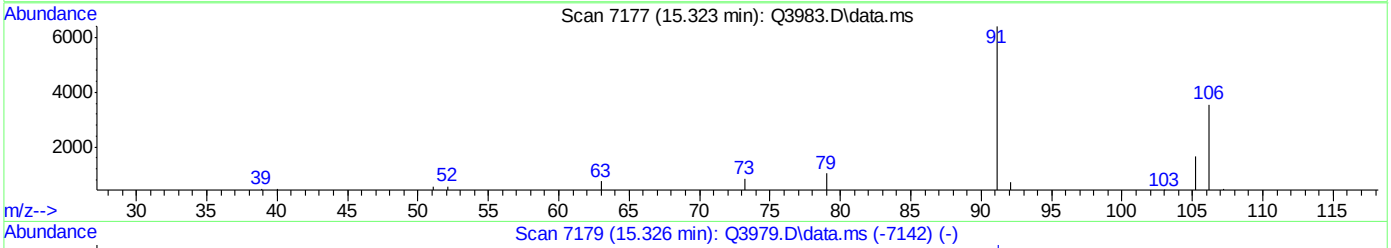
ACCUTEST Laboratories M66975

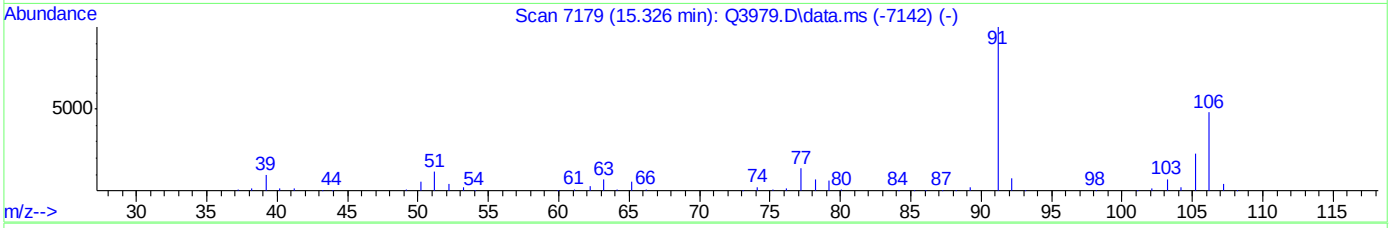
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3983.D
Acq On : 16 Jul 2007 9:09 pm
Operator : danat
Sample : ic214-0.2 (M210)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 08:21:24 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:21:05 2007
Response via : Initial Calibration







TIC: Q3983.D\data.ms

(56) m,p-XYLENE (m)

15.323min (-0.003) 0.31PPBV m

response 7451

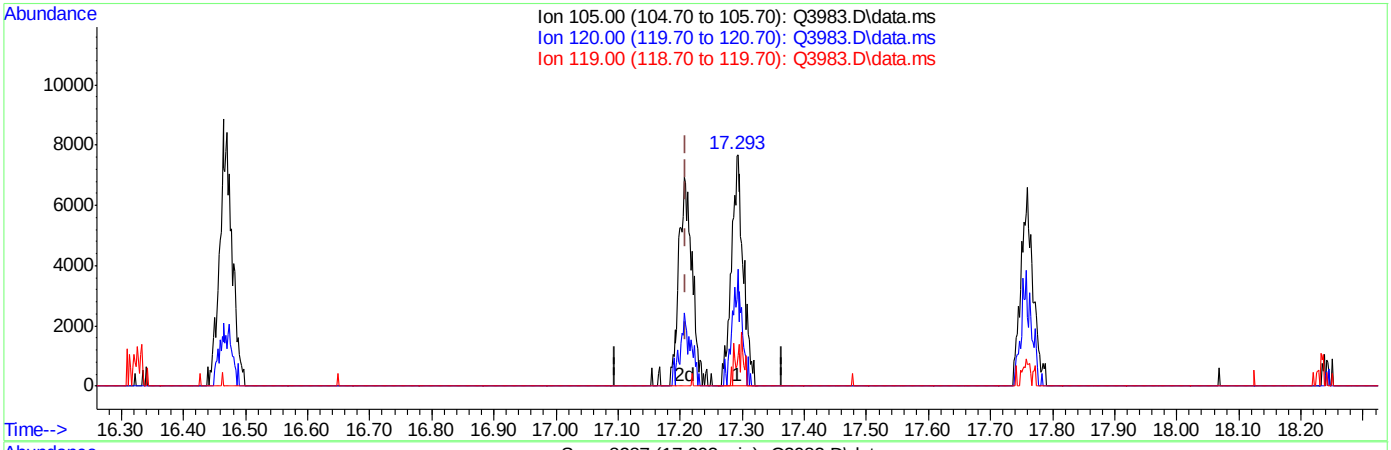
Ion	Exp%	Act%
106.00	100	100
91.00	209.40	180.76
77.00	28.30	0.00#
0.00	0.00	0.00

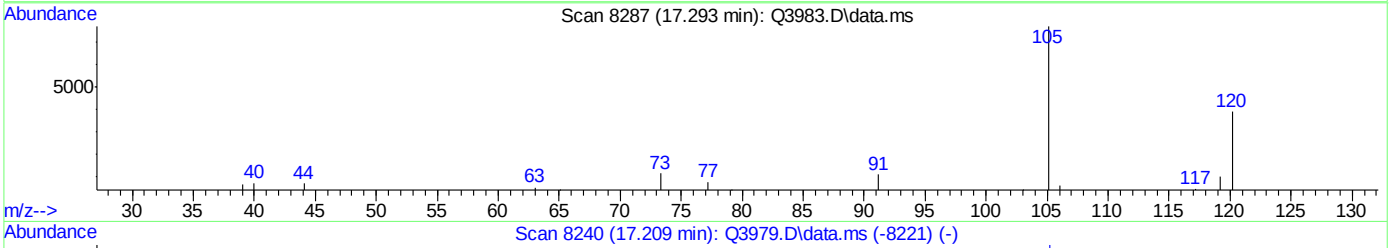
ACCUTEST Laboratories M66975

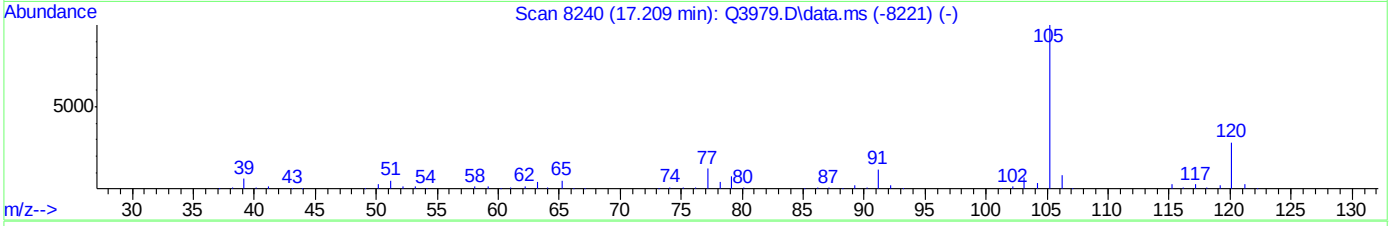
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3983.D
Acq On : 16 Jul 2007 9:09 pm
Operator : danat
Sample : ic214-0.2 (M210)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 08:21:24 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:21:05 2007
Response via : Initial Calibration







TIC: Q3983.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.293min (+0.084) 0.16PPBV

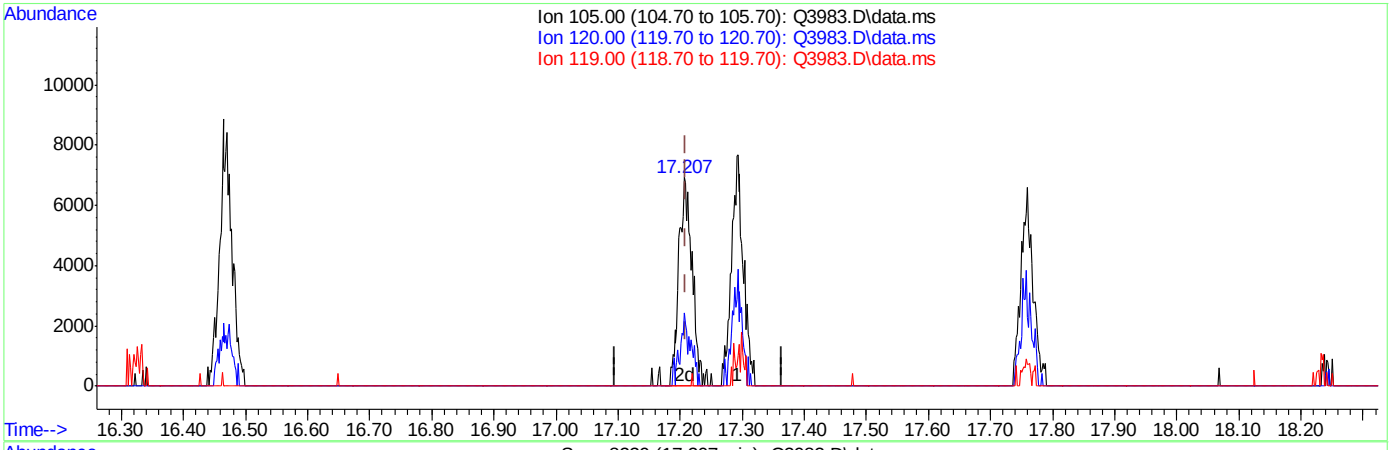
response 10770

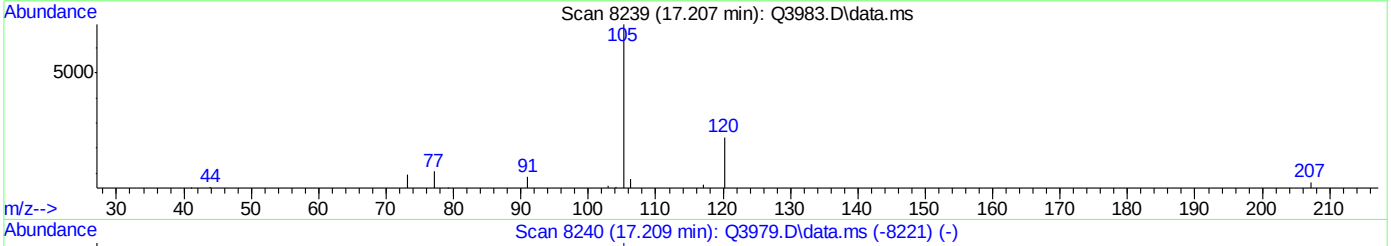
Ion	Exp%	Act%
105.00	100	100
120.00	27.80	40.06
119.00	2.20	9.79
0.00	0.00	0.00

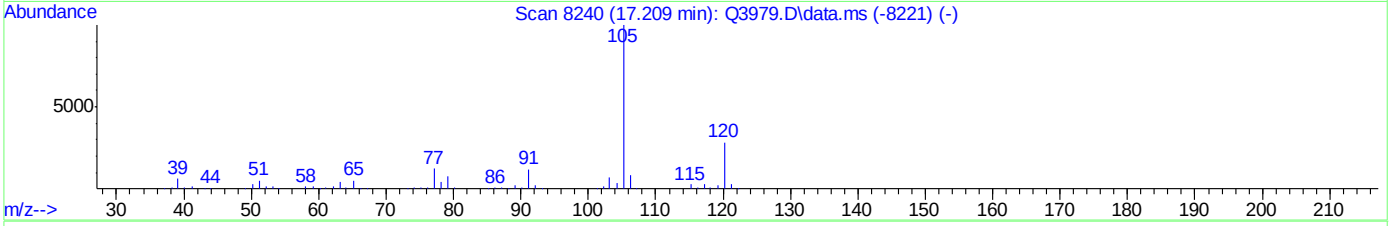
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q3983.D
Acq On : 16 Jul 2007 9:09 pm
Operator : danat
Sample : ic214-0.2 (M210)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 08:21:24 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:21:05 2007
Response via : Initial Calibration







TIC: Q3983.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.207min (-0.002) 0.15PPBV m

response 10144

Ion	Exp%	Act%
105.00	100	100
120.00	27.80	42.53
119.00	2.20	10.39
0.00	0.00	0.00

ACCUTEST Laboratories M66975

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3984a.D
Acq On : 17 Jul 2007 8:45 am
Operator : danat
Sample : cc214-10 (M209)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 17 14:06:31 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:27:00 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	198360	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.463	114	902151	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.707	117	781705	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.325	95	309690	5.39	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 107.80%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.037	85	726946	10.84	PPBV	99
3) PROPYLENE	3.966	41	110064	10.51	PPBV	93
4) FREON 114	4.296	85	667194	10.74	PPBV	99
5) CHLOROMETHANE	4.203	50	152498	10.60	PPBV	94
6) VINYL CHLORIDE	4.420	62	179540	10.62	PPBV	98
7) 1,3-BUTADIENE	4.560	39	147875	10.72	PPBV	96
8) BROMOMETHANE	4.834	94	207354	10.86	PPBV	98
9) CHLOROETHANE	5.009	64	76397	11.41	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.788	101	751175	11.42	PPBV	100
11) ISOPROPYL ALCOHOL	5.826	45	241350	9.68	PPBV	93
12) ACETONE	5.597	43	216102	8.20	PPBV	99
13) PENTANE	6.143	42	165867	11.51	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.427	96	193333	10.45	PPBV	93
15) CARBON DISULFIDE	6.859	76	540832	11.62	PPBV	98
16) ETHANOL	5.094	45	39797	8.10	PPBV	95
17) BROMOETHENE	5.370	106	204817	10.74	PPBV	99
18) METHYLENE CHLORIDE	6.541	84	164926	7.27	PPBV	98
19) 3-CHLOROPROPENE	6.660	39	154305	11.11	PPBV	94
20) FREON 113	6.800	151	415737	9.05	PPBV	99
21) TRANS-1,2-DICHLOROETHY...	7.467	96	190404	10.74	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.427	59	332679	10.66	PPBV	98
23) METHYL TERTIARY BUTYL ...	7.710	73	392083	9.55	PPBV	99
24) TETRAHYDROFURAN	9.144	42	111570	9.01	PPBV	99
25) HEXANE	8.667	57	207399	7.94	PPBV	95
26) VINYL ACETATE	7.789	43	284777	9.56	PPBV	97
27) 1,1-DICHLOROETHANE	7.662	63	312636	10.67	PPBV	100
28) METHYL ETHYL KETONE	8.030	43	244701	9.10	PPBV	93
29) cis-1,2-DICHLOROETHYLENE	8.470	96	160232	10.23	PPBV	99
30) ETHYL ACETATE	8.663	43	404597	7.72	PPBV	100
31) CHLOROFORM	8.750	83	414026	10.21	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.711	97	432762	10.57	PPBV	99
33) CARBON TETRACHLORIDE	10.293	117	537081	11.19	PPBV	99
34) 1,2-DICHLOROETHANE	9.462	62	242510	10.19	PPBV	98
36) BENZENE	10.151	78	381394	9.17	PPBV	100
37) CYCLOHEXANE	10.417	84	177444	9.97	PPBV	98
38) TRICHLOROETHYLENE	11.145	95	235474	10.11	PPBV	99
39) 1,2-DICHLOROPROPANE	10.926	63	131144	9.30	PPBV	97
40) BROMODICHLOROMETHANE	11.106	83	378433	10.23	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.168	57	644899	10.15	PPBV	99
42) 1,4-DIOXANE	11.134	88	77597	9.46	PPBV	92
43) HEPTANE	11.406	43	230882	9.90	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3984a.D
Acq On : 17 Jul 2007 8:45 am
Operator : danat
Sample : cc214-10 (M209)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 17 14:06:31 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:27:00 2007
Response via : Initial Calibration

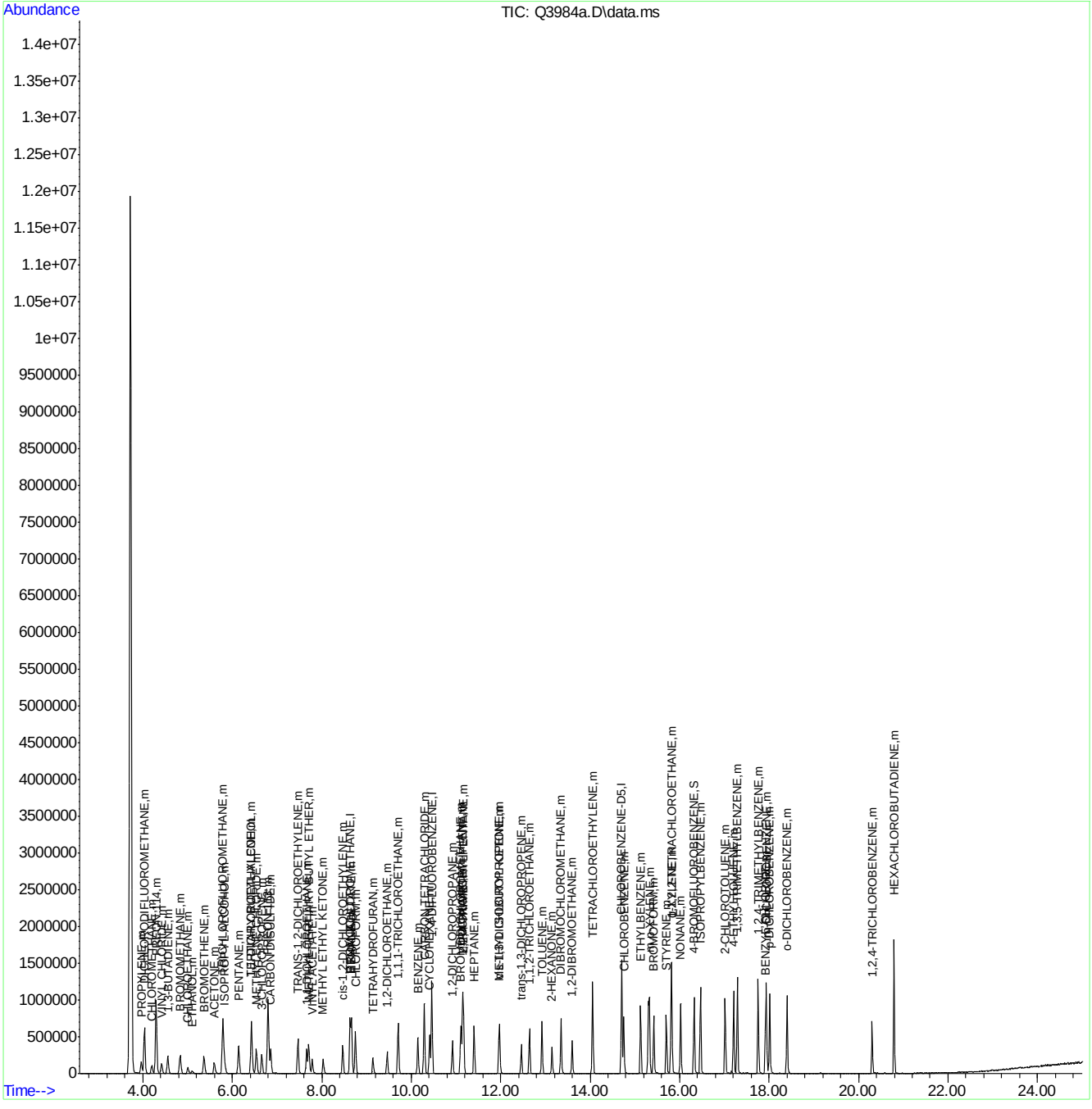
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.979	43	283781	9.50	PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.961	75	217279	10.07	PPBV	96
46) TOLUENE	12.923	92	266117	8.86	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.463	75	174783	8.86	PPBV	97
48) 1,1,2-TRICHLOROETHANE	12.643	83	142783	9.20	PPBV	99
50) 2-HEXANONE	13.147	43	235124	9.34	PPBV	97
51) TETRACHLOROETHYLENE	14.057	164	257364	9.86	PPBV	99
52) DIBROMOCHLOROMETHANE	13.349	129	368242	10.30	PPBV	99
53) 1,2-DIBROMOETHANE	13.599	107	267370	9.35	PPBV	99
54) CHLOROBENZENE	14.753	112	384893	9.30	PPBV	100
55) ETHYLBENZENE	15.129	91	619158	9.48	PPBV	99
56) m,p-XYLENE	15.326	106	483299	19.58	PPBV	97
57) o-XYLENE	15.825	106	244339	9.73	PPBV	98
58) STYRENE	15.704	104	359962	10.24	PPBV	99
59) NONANE	16.025	43	326579	10.19	PPBV	100
60) BROMOFORM	15.424	173	356220	9.82	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.810	83	380959	9.69	PPBV	98
63) ISOPROPYLBENZENE	16.467	105	762304	9.91	PPBV	99
64) 2-CHLOROTOLUENE	17.016	91	560897	10.15	PPBV	99
65) 4-ETHYLTOLUENE	17.211	105	672129	9.76	PPBV	100
66) 1,3,5-TRIMETHYLBENZENE	17.292	105	682672	10.21	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.756	105	661253	10.74	PPBV	99
68) m-DICHLOROBENZENE	17.942	146	439257	10.19	PPBV	100
69) BENZYL CHLORIDE	17.917	91	370322	10.14	PPBV	100
70) p-DICHLOROBENZENE	18.013	146	441700	10.61	PPBV	99
71) o-DICHLOROBENZENE	18.402	146	402440	9.81	PPBV	99
72) HEXACHLOROBUTADIENE	20.796	225	283891	14.09	PPBV	100
73) 1,2,4-TRICHLOROBENZENE	20.306	180	191567	13.19	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3984a.D
Acq On : 17 Jul 2007 8:45 am
Operator : danat
Sample : cc214-10 (M209)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 17 14:06:31 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:27:00 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3984.D
Acq On : 17 Jul 2007 8:45 am
Operator : danat
Sample : icv214-10 (M209)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 17 14:05:15 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:27:00 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	198360	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.463	114	902151	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.707	117	781705	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.325	95	309690	5.39	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 107.80%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.037	85	726946	10.84	PPBV	99
3) PROPYLENE	3.966	41	110064	10.51	PPBV	93
4) FREON 114	4.296	85	667194	10.74	PPBV	99
5) CHLOROMETHANE	4.203	50	152498	10.60	PPBV	94
6) VINYL CHLORIDE	4.420	62	179540	10.62	PPBV	98
7) 1,3-BUTADIENE	4.560	39	147875	10.72	PPBV	96
8) BROMOMETHANE	4.834	94	207354	10.86	PPBV	98
9) CHLOROETHANE	5.009	64	76397	11.41	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.788	101	751175	11.42	PPBV	100
11) ISOPROPYL ALCOHOL	5.826	45	241350	9.68	PPBV	93
12) ACETONE	5.597	43	216102	8.20	PPBV	99
13) PENTANE	6.143	42	165867	11.51	PPBV	99
14) 1,1-DICHLOROETHYLENE	6.427	96	193333	10.45	PPBV	93
15) CARBON DISULFIDE	6.859	76	540832	11.62	PPBV	98
16) ETHANOL	5.094	45	39797	8.10	PPBV	95
17) BROMOETHENE	5.370	106	204817	10.74	PPBV	99
18) METHYLENE CHLORIDE	6.541	84	164926	7.27	PPBV	98
19) 3-CHLOROPROPENE	6.660	39	154305	11.11	PPBV	94
20) FREON 113	6.800	151	415737	9.05	PPBV	99
21) TRANS-1,2-DICHLOROETHY...	7.467	96	190404	10.74	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.427	59	332679	10.66	PPBV	98
23) METHYL TERTIARY BUTYL ...	7.710	73	392083	9.55	PPBV	99
24) TETRAHYDROFURAN	9.144	42	111570	9.01	PPBV	99
25) HEXANE	8.667	57	207399	7.94	PPBV	95
26) VINYL ACETATE	7.789	43	284777	9.56	PPBV	97
27) 1,1-DICHLOROETHANE	7.662	63	312636	10.67	PPBV	100
28) METHYL ETHYL KETONE	8.030	43	244701	9.10	PPBV	93
29) cis-1,2-DICHLOROETHYLENE	8.470	96	160232	10.23	PPBV	99
30) ETHYL ACETATE	8.663	43	404597	7.72	PPBV	100
31) CHLOROFORM	8.750	83	414026	10.21	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.711	97	432762	10.57	PPBV	99
33) CARBON TETRACHLORIDE	10.293	117	537081	11.19	PPBV	99
34) 1,2-DICHLOROETHANE	9.462	62	242510	10.19	PPBV	98
36) BENZENE	10.151	78	381394	9.17	PPBV	100
37) CYCLOHEXANE	10.417	84	177444	9.97	PPBV	98
38) TRICHLOROETHYLENE	11.145	95	235474	10.11	PPBV	99
39) 1,2-DICHLOROPROPANE	10.926	63	131144	9.30	PPBV	97
40) BROMODICHLOROMETHANE	11.106	83	378433	10.23	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.168	57	644899	10.15	PPBV	99
42) 1,4-DIOXANE	11.134	88	77597	9.46	PPBV	92
43) HEPTANE	11.406	43	230882	9.90	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3984.D
Acq On : 17 Jul 2007 8:45 am
Operator : danat
Sample : icv214-10 (M209)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 17 14:05:15 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:27:00 2007
Response via : Initial Calibration

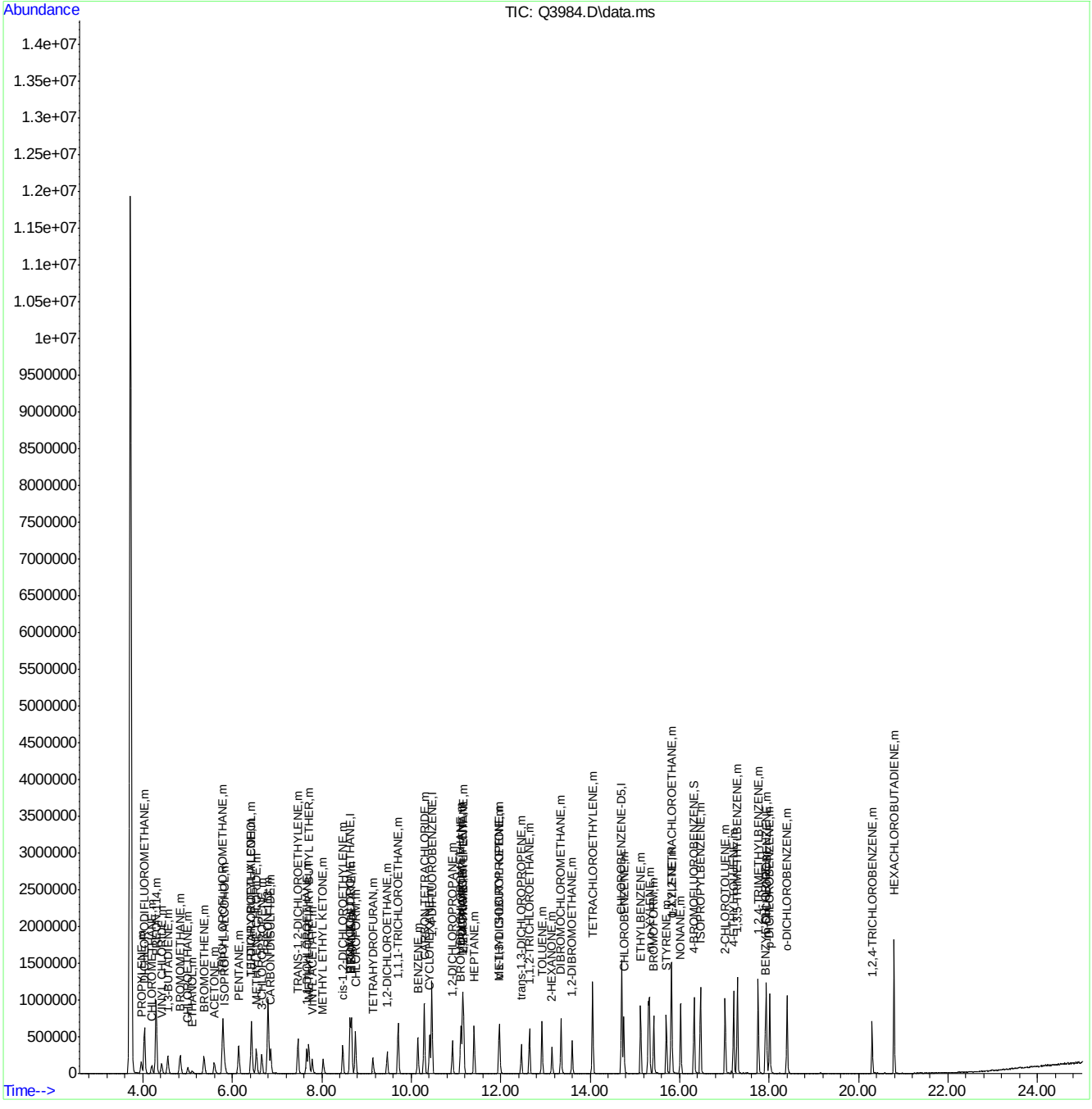
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.979	43	283781	9.50	PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.961	75	217279	10.07	PPBV	96
46) TOLUENE	12.923	92	266117	8.86	PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.463	75	174783	8.86	PPBV	97
48) 1,1,2-TRICHLOROETHANE	12.643	83	142783	9.20	PPBV	99
50) 2-HEXANONE	13.147	43	235124	9.34	PPBV	97
51) TETRACHLOROETHYLENE	14.057	164	257364	9.86	PPBV	99
52) DIBROMOCHLOROMETHANE	13.349	129	368242	10.30	PPBV	99
53) 1,2-DIBROMOETHANE	13.599	107	267370	9.35	PPBV	99
54) CHLOROBENZENE	14.753	112	384893	9.30	PPBV	100
55) ETHYLBENZENE	15.129	91	619158	9.48	PPBV	99
56) m,p-XYLENE	15.326	106	483299	19.58	PPBV	97
57) o-XYLENE	15.825	106	244339	9.73	PPBV	98
58) STYRENE	15.704	104	359962	10.24	PPBV	99
59) NONANE	16.025	43	326579	10.19	PPBV	100
60) BROMOFORM	15.424	173	356220	9.82	PPBV	100
62) 1,1,2,2-TETRACHLOROETHANE	15.810	83	380959	9.69	PPBV	98
63) ISOPROPYLBENZENE	16.467	105	762304	9.91	PPBV	99
64) 2-CHLOROTOLUENE	17.016	91	560897	10.15	PPBV	99
65) 4-ETHYLTOLUENE	17.211	105	672129	9.76	PPBV	100
66) 1,3,5-TRIMETHYLBENZENE	17.292	105	682672	10.21	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.756	105	661253	10.74	PPBV	99
68) m-DICHLOROBENZENE	17.942	146	439257	10.19	PPBV	100
69) BENZYL CHLORIDE	17.917	91	370322	10.14	PPBV	100
70) p-DICHLOROBENZENE	18.013	146	441700	10.61	PPBV	99
71) o-DICHLOROBENZENE	18.402	146	402440	9.81	PPBV	99
72) HEXACHLOROBUTADIENE	20.796	225	283891	14.09	PPBV	100
73) 1,2,4-TRICHLOROBENZENE	20.306	180	191567	13.19	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q3984.D
Acq On : 17 Jul 2007 8:45 am
Operator : danat
Sample : icv214-10 (M209)
Misc : MS13893, MSQ214,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 17 14:05:15 2007
Quant Method : C:\msdchem\1\METHODS\Q071607T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Jul 17 08:27:00 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4261.D
Acq On : 13 Aug 2007 8:51 am
Operator : danat
Sample : ic227-0.5 (M072)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 09:45:59 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 08:30:47 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	138763	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.458	114	606283	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.701	117	502127	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.320	95	163069	4.02	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 80.40%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.037	85	51244	0.65	PPBV	98
3) PROPYLENE	3.966	41	8036	0.85	PPBV	86
4) FREON 114	4.300	85	41513	0.62	PPBV	87
5) CHLOROMETHANE	4.202	50	9400	0.65	PPBV	91
6) VINYL CHLORIDE	4.424	62	10999	0.61	PPBV	74
7) 1,3-BUTADIENE	4.553	39	9187	0.68	PPBV	83
8) BROMOMETHANE	4.834	94	12708	0.61	PPBV	92
9) CHLOROETHANE	5.004	64	4381	0.60	PPBV #	72
10) TRICHLOROFLUOROMETHANE	5.787	101	52941	0.69	PPBV	98
11) ISOPROPYL ALCOHOL	5.842	45	22760	0.78	PPBV	87
12) ACETONE	5.606	43	53125	1.70	PPBV	98
13) PENTANE	6.140	42	14141	0.88	PPBV	92
14) 1,1-DICHLOROETHYLENE	6.431	96	12195	0.59	PPBV #	73
15) CARBON DISULFIDE	6.855	76	39915	0.72	PPBV	80
16) ETHANOL	5.103	45	6068	1.34	PPBV	72
17) BROMOETHENE	5.373	106	11029	0.56	PPBV #	95
18) METHYLENE CHLORIDE	6.536	84	36436	1.37	PPBV	85
19) 3-CHLOROPROPENE	6.651	39	13687	0.81	PPBV	94
20) FREON 113	6.798	151	26633	0.65	PPBV	86
21) TRANS-1,2-DICHLOROETHY...	7.464	96	12226	0.62	PPBV #	85
22) TERTIARY BUTYL ALCOHOL	6.458	59	23798	0.79	PPBV	70
23) METHYL TERTIARY BUTYL ...	7.718	73	25257	0.65	PPBV	86
24) TETRAHYDROFURAN	9.157	42	4828	0.56	PPBV #	55
25) HEXANE	8.669	57	15000	0.61	PPBV	86
26) VINYL ACETATE	7.789	43	21937	0.83	PPBV	70
27) 1,1-DICHLOROETHANE	7.666	63	25381	0.70	PPBV	98
28) METHYL ETHYL KETONE	8.048	43	17714	0.82	PPBV	91
29) cis-1,2-DICHLOROETHYLENE	8.470	96	7168	0.45	PPBV #	79
30) ETHYL ACETATE	8.669	43	27116	0.69	PPBV #	93
31) CHLOROFORM	8.752	83	30257	0.66	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.705	97	29963	0.62	PPBV	94
33) CARBON TETRACHLORIDE	10.289	117	35993	0.65	PPBV	99
34) 1,2-DICHLOROETHANE	9.461	62	17183	0.60	PPBV	97
36) BENZENE	10.142	78	20173	0.52	PPBV	97
37) CYCLOHEXANE	10.414	84	7416	0.42	PPBV #	77
38) TRICHLOROETHYLENE	11.141	95	12936	0.54	PPBV	88
39) 1,2-DICHLOROPROPANE	10.918	63	7875	0.63	PPBV	89
40) BROMODICHLOROMETHANE	11.100	83	27023	0.69	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.168	57	33367	0.56	PPBV	86
42) 1,4-DIOXANE	11.147	88	4088	0.58	PPBV #	1
43) HEPTANE	11.397	43	10565	0.54	PPBV	85

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4261.D
Acq On : 13 Aug 2007 8:51 am
Operator : danat
Sample : ic227-0.5 (M072)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 09:45:59 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 08:30:47 2007
Response via : Initial Calibration

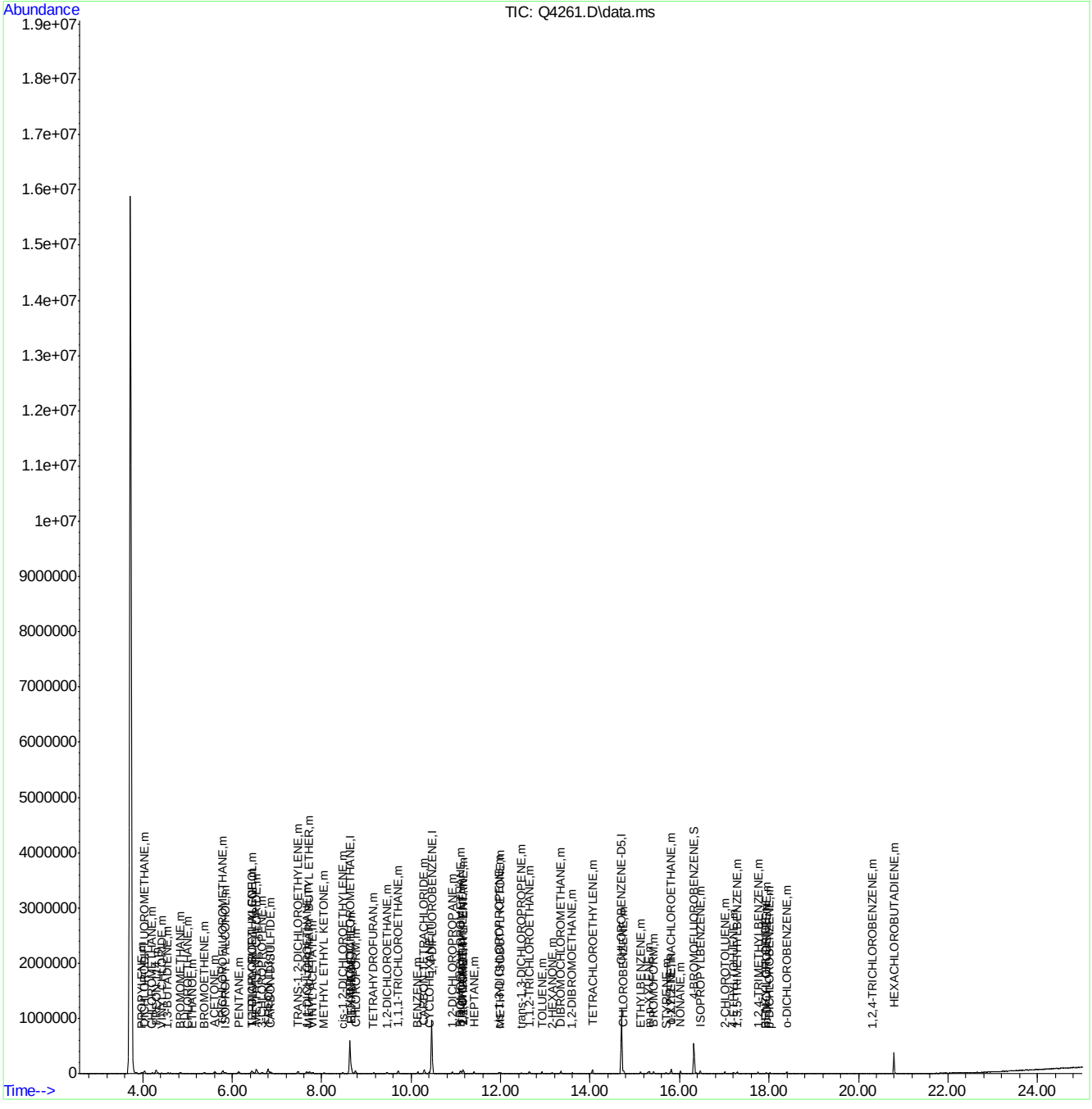
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.984	43	12381	0.57	PPBV	88
45) cis-1,3-DICHLOROPROPENE	11.956	75	7911	0.41	PPBV	84
46) TOLUENE	12.918	92	10357	0.39	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.458	75	5714	0.33	PPBV	90
48) 1,1,2-TRICHLOROETHANE	12.643	83	9041	0.65	PPBV	87
50) 2-HEXANONE	13.150	43	8978	0.53	PPBV	82
51) TETRACHLOROETHYLENE	14.052	164	11374	0.50	PPBV	90
52) DIBROMOCHLOROMETHANE	13.349	129	20550	0.65	PPBV	99
53) 1,2-DIBROMOETHANE	13.596	107	11934	0.51	PPBV #	95
54) CHLOROBENZENE	14.748	112	16803	0.48	PPBV	92
55) ETHYLBENZENE	15.126	91	18882	0.37	PPBV	94
56) m,p-XYLENE	15.321	106	6790	0.36	PPBV	82
57) o-XYLENE	15.820	106	6522	0.36	PPBV	97
58) STYRENE	15.701	104	4571	0.18	PPBV	98
59) NONANE	16.024	43	11668	0.52	PPBV #	90
60) BROMOFORM	15.420	173	16494	0.59	PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.807	83	24459	0.82	PPBV	96
63) ISOPROPYLBENZENE	16.466	105	25836	0.45	PPBV	94
64) 2-CHLOROTOLUENE	17.016	91	16225	0.38	PPBV	93
65) 4-ETHYLTOLUENE	17.209	105	14410	0.30	PPBV	94
66) 1,3,5-TRIMETHYLBENZENE	17.287	105	18703	0.39	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.758	105	13603	0.31	PPBV	98
68) m-DICHLOROBENZENE	17.937	146	8048	0.28	PPBV	97
69) BENZYL CHLORIDE	17.912	91	5439	0.27	PPBV	76
70) p-DICHLOROBENZENE	18.015	146	5026	0.18	PPBV	93
71) o-DICHLOROBENZENE	18.404	146	10164	0.38	PPBV	97
72) HEXACHLOROBUTADIENE	20.794	225	48175	2.14	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.308	180	2439	0.27	PPBV #	77

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4261.D
Acq On : 13 Aug 2007 8:51 am
Operator : danat
Sample : ic227-0.5 (M072)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 09:45:59 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 08:30:47 2007
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
08/15/07 15:49

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4262.D
Acq On : 13 Aug 2007 9:33 am
Operator : danat
Sample : ic227-0.2 (M072)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 10:24:39 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 08:30:47 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	156975	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.460	114	687838	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.703	117	571763	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.323	95	182226	3.94	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 78.80%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.044	85	20362	0.23	PPBV	97
3) PROPYLENE	3.976	41	2443m	0.23	PPBV	
4) FREON 114	4.301	85	18621	0.25	PPBV	87
5) CHLOROMETHANE	4.209	50	4449	0.27	PPBV	88
6) VINYL CHLORIDE	4.418	62	4056m	0.20	PPBV	
7) 1,3-BUTADIENE	4.560	39	3167	0.21	PPBV #	54
8) BROMOMETHANE	4.830	94	5332	0.23	PPBV #	94
9) CHLOROETHANE	5.011	64	1911	0.23	PPBV #	52
10) TRICHLOROFLUOROMETHANE	5.787	101	20383	0.24	PPBV #	27
11) ISOPROPYL ALCOHOL	5.856	45	8514	0.26	PPBV #	51
12) ACETONE	5.616	43	28344	0.80	PPBV	95
13) PENTANE	6.156	42	5467	0.30	PPBV #	82
14) 1,1-DICHLOROETHYLENE	6.422	96	4223	0.18	PPBV #	67
15) CARBON DISULFIDE	6.851	76	15163	0.24	PPBV #	81
16) ETHANOL	5.112	45	2398	0.47	PPBV #	62
17) BROMOETHENE	5.368	106	3945	0.18	PPBV #	12
18) METHYLENE CHLORIDE	6.546	84	17285	0.57	PPBV	84
19) 3-CHLOROPROPENE	6.660	39	5506	0.29	PPBV #	82
20) FREON 113	6.795	151	11120	0.24	PPBV #	80
21) TRANS-1,2-DICHLOROETHY...	7.469	96	4369	0.20	PPBV #	83
22) TERTIARY BUTYL ALCOHOL	6.463	59	8359	0.24	PPBV	81
23) METHYL TERTIARY BUTYL ...	7.728	73	9016	0.20	PPBV	80
24) TETRAHYDROFURAN	9.171	42	1571	0.16	PPBV #	26
25) HEXANE	8.676	57	5744	0.21	PPBV #	76
26) VINYL ACETATE	7.796	43	7986	0.27	PPBV #	22
27) 1,1-DICHLOROETHANE	7.657	63	10767	0.26	PPBV	93
28) METHYL ETHYL KETONE	8.055	43	5646	0.23	PPBV	83
29) cis-1,2-DICHLOROETHYLENE	8.474	96	2571	0.14	PPBV	87
30) ETHYL ACETATE	8.680	43	9749	0.22	PPBV #	93
31) CHLOROFORM	8.756	83	11776	0.23	PPBV	93
32) 1,1,1-TRICHLOROETHANE	9.707	97	11458	0.21	PPBV	94
33) CARBON TETRACHLORIDE	10.289	117	14132	0.22	PPBV	96
34) 1,2-DICHLOROETHANE	9.466	62	5954	0.18	PPBV #	85
36) BENZENE	10.149	78	6308	0.14	PPBV	94
37) CYCLOHEXANE	10.410	84	2187	0.11	PPBV #	70
38) TRICHLOROETHYLENE	11.148	95	4191	0.15	PPBV #	46
39) 1,2-DICHLOROPROPANE	10.919	63	2618	0.18	PPBV #	73
40) BROMODICHLOROMETHANE	11.104	83	9811	0.22	PPBV	96
41) 2,2,4-TRIMETHYLPENTANE	11.173	57	10092	0.15	PPBV	89
42) 1,4-DIOXANE	11.159	88	983	0.12	PPBV #	1
43) HEPTANE	11.398	43	3140	0.14	PPBV #	80

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4262.D
Acq On : 13 Aug 2007 9:33 am
Operator : danat
Sample : ic227-0.2 (M072)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 10:24:39 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 08:30:47 2007
Response via : Initial Calibration

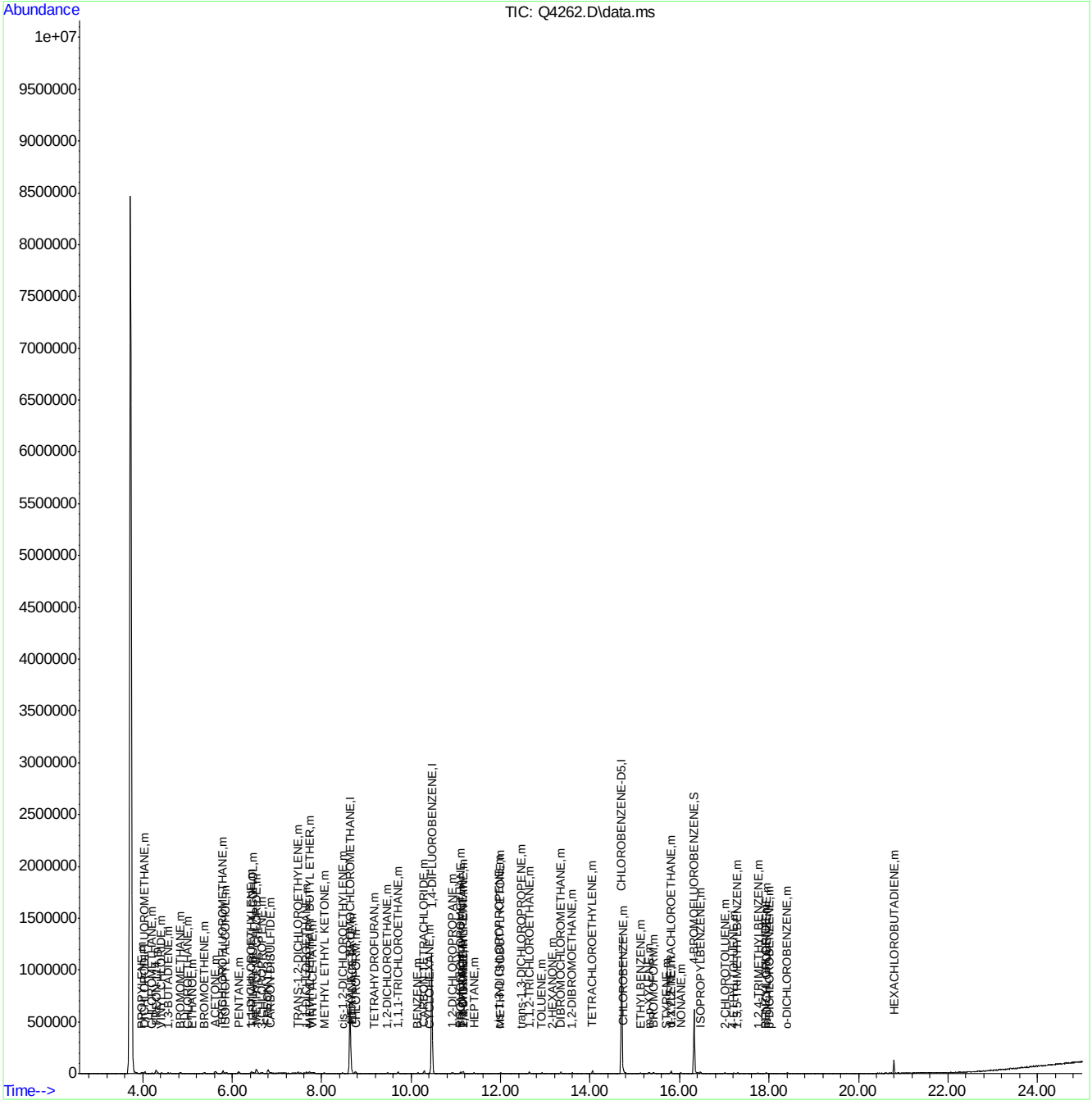
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.995	43	3682	0.15 PPBV #	66
45) cis-1,3-DICHLOROPROPENE	11.965	75	2436	0.11 PPBV #	71
46) TOLUENE	12.925	92	2748	0.09 PPBV #	83
47) trans-1,3-DICHLOROPROPENE	12.463	75	1793	0.09 PPBV #	73
48) 1,1,2-TRICHLOROETHANE	12.646	83	3058	0.19 PPBV	90
50) 2-HEXANONE	13.163	43	2438	0.13 PPBV #	60
51) TETRACHLOROETHYLENE	14.055	164	3913	0.15 PPBV #	80
52) DIBROMOCHLOROMETHANE	13.345	129	7186	0.20 PPBV	94
53) 1,2-DIBROMOETHANE	13.599	107	3640	0.14 PPBV #	99
54) CHLOROBENZENE	14.749	112	6427	0.16 PPBV	97
55) ETHYLBENZENE	15.131	91	5642	0.10 PPBV	93
56) m,p-XYLENE	15.317	106	3652m	0.17 PPBV	
57) o-XYLENE	15.825	106	1710	0.08 PPBV #	72
58) STYRENE	15.708	104	903	0.03 PPBV #	52
59) NONANE	16.022	43	3239	0.13 PPBV #	72
60) BROMOFORM	15.422	173	5546	0.18 PPBV	86
62) 1,1,2,2-TETRACHLOROETHANE	15.811	83	8083	0.24 PPBV	94
63) ISOPROPYLBENZENE	16.467	105	8306	0.13 PPBV	93
64) 2-CHLOROTOLUENE	17.019	91	5234	0.11 PPBV #	68
65) 4-ETHYLTOLUENE	17.207	105	3578m	0.07 PPBV	
66) 1,3,5-TRIMETHYLBENZENE	17.285	105	5403	0.10 PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.754	105	3762	0.08 PPBV #	45
68) m-DICHLOROBENZENE	17.938	146	2097	0.06 PPBV	94
69) BENZYL CHLORIDE	17.921	91	868	0.04 PPBV #	63
70) p-DICHLOROBENZENE	18.009	146	1091	0.04 PPBV #	65
71) o-DICHLOROBENZENE	18.407	146	3208	0.11 PPBV	97
72) HEXACHLOROBUTADIENE	20.794	225	17305	0.68 PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4262.D
Acq On : 13 Aug 2007 9:33 am
Operator : danat
Sample : ic227-0.2 (M072)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 10:24:39 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 08:30:47 2007
Response via : Initial Calibration



ACCUTEST Laboratories M66975

Quantitation Report (Qedit)

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Data Path : C:\msdchem\1\DATA\
Data File : Q4262.D
Acq On    : 13 Aug 2007   9:33 am
Operator  : danat
Sample    : ic227-0.2 (M072)
Misc      : MS14080, MSQ227,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Aug 13 10:21:39 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 08:30:47 2007
Response via : Initial Calibration
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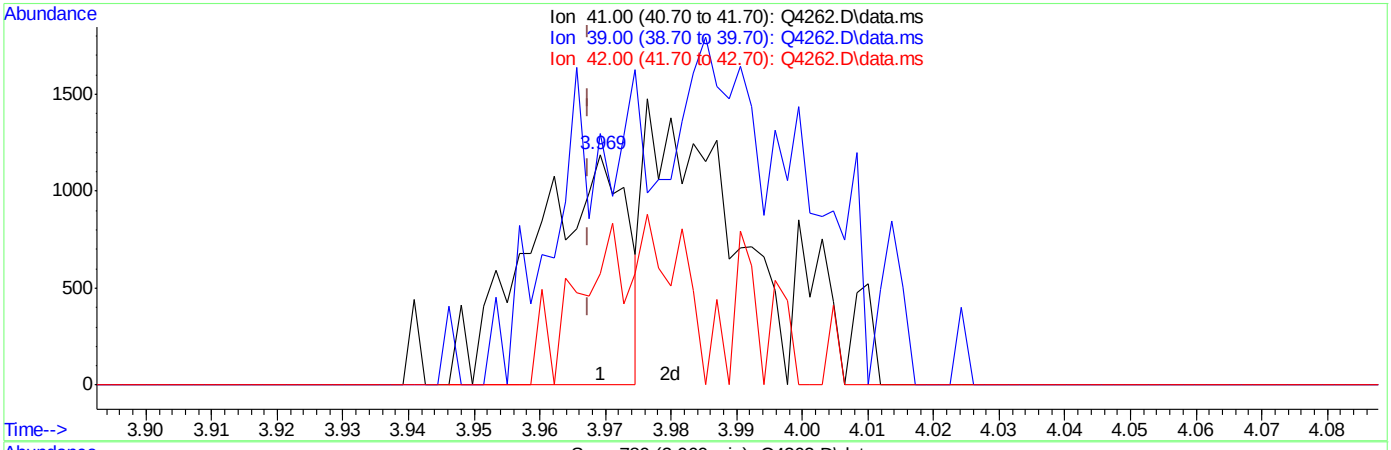

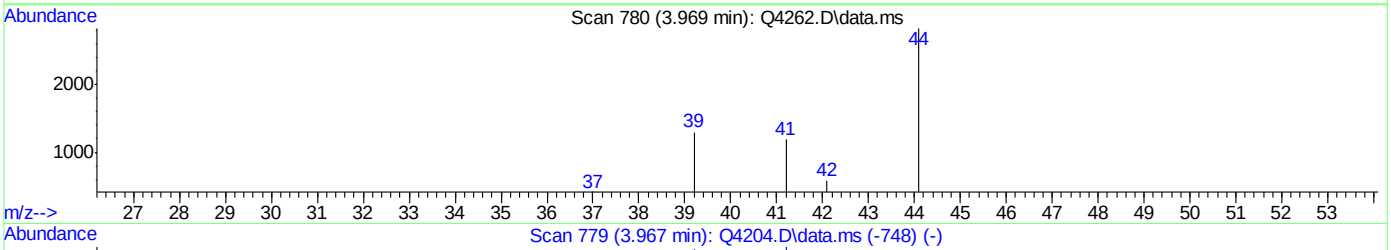

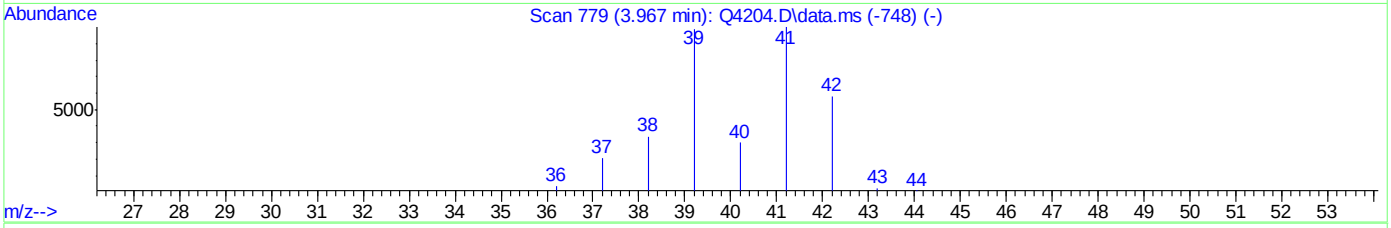

TIC: Q4262.D\data.ms

(3) PROPYLENE (m)

3.969min (+0.002) 0.12PPBV

response 1228

Ion	Exp%	Act%
41.00	100	100
39.00	98.50	109.26
42.00	58.10	48.23
0.00	0.00	0.00

ACCUTEST Laboratories M66975

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q4262.D
Acq On    : 13 Aug 2007   9:33 am
Operator  : danat
Sample    : ic227-0.2 (M072)
Misc      : MS14080, MSQ227,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Aug 13 10:21:39 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 08:30:47 2007
Response via : Initial Calibration
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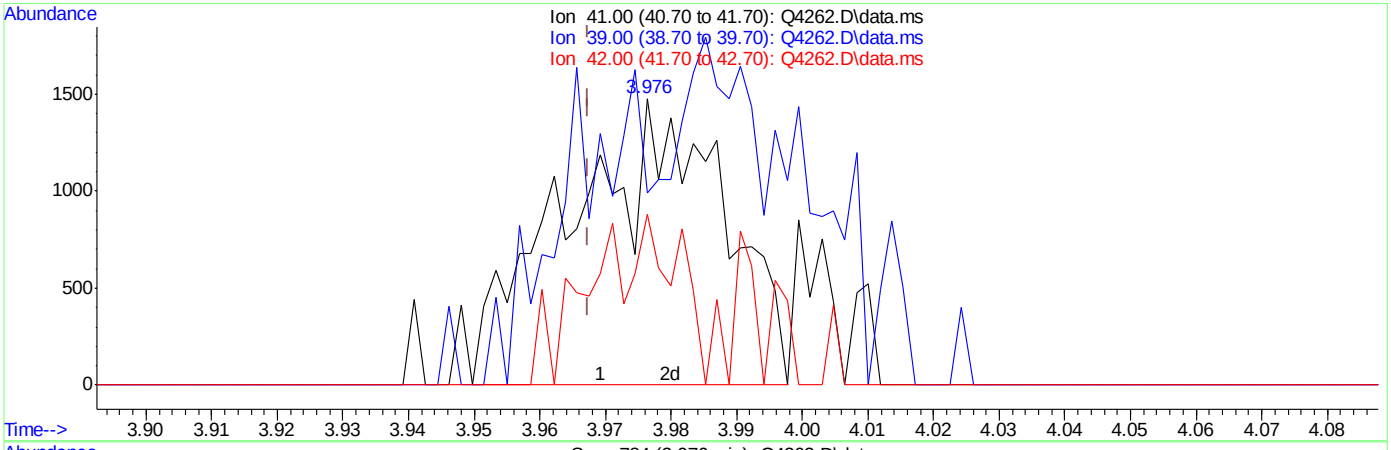
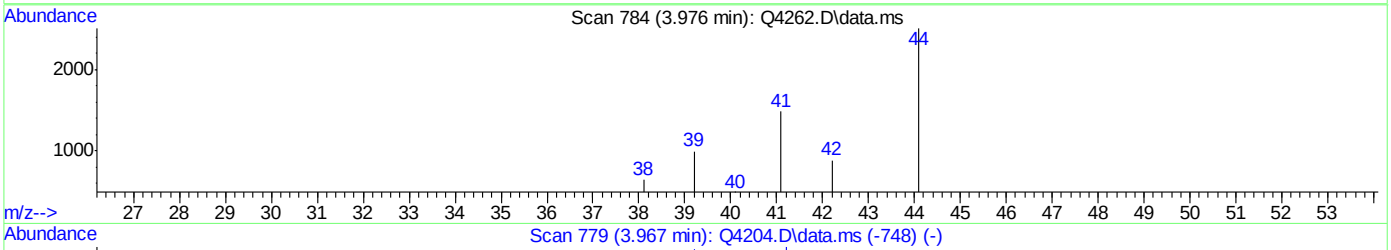
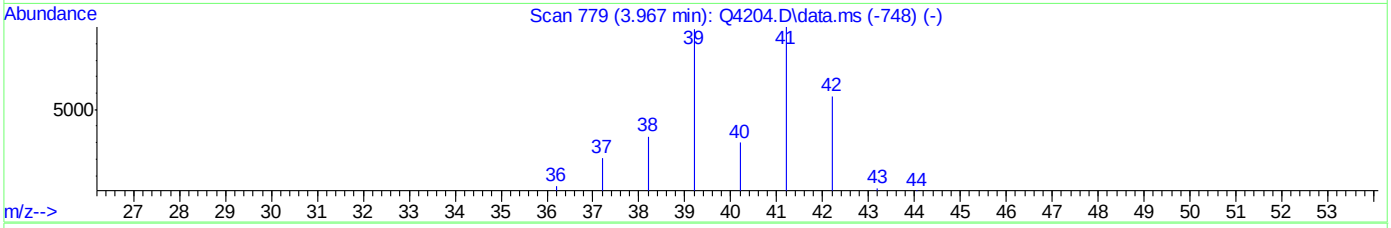






TIC: Q4262.D\data.ms

(3) PROPYLENE (m)

3.976min (+0.009) 0.23PPBV m

response 2443

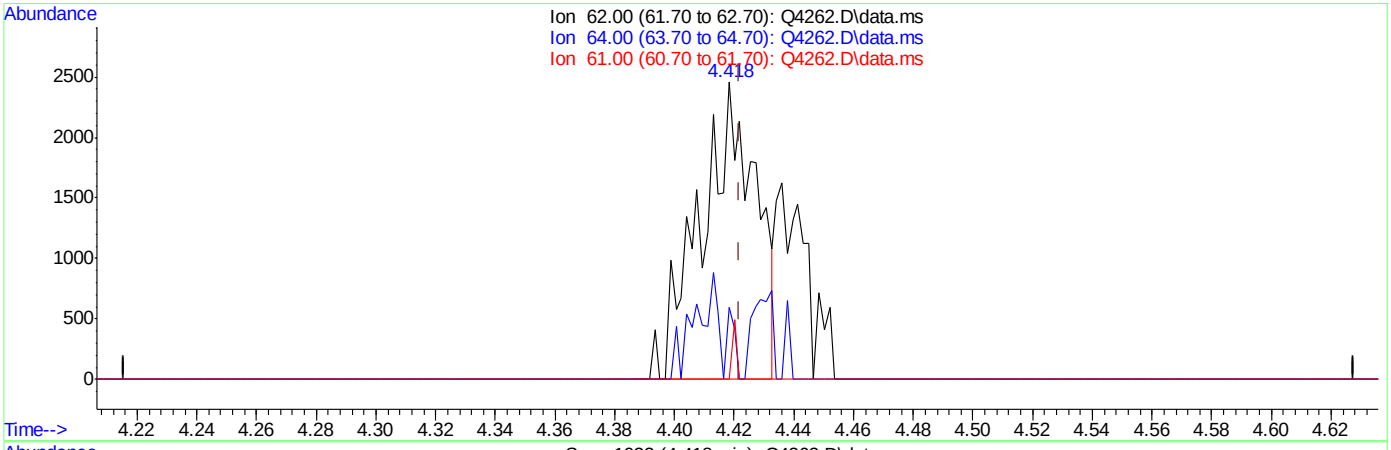
Ion	Exp%	Act%
41.00	100	100
39.00	98.50	66.94#
42.00	58.10	59.43
0.00	0.00	0.00

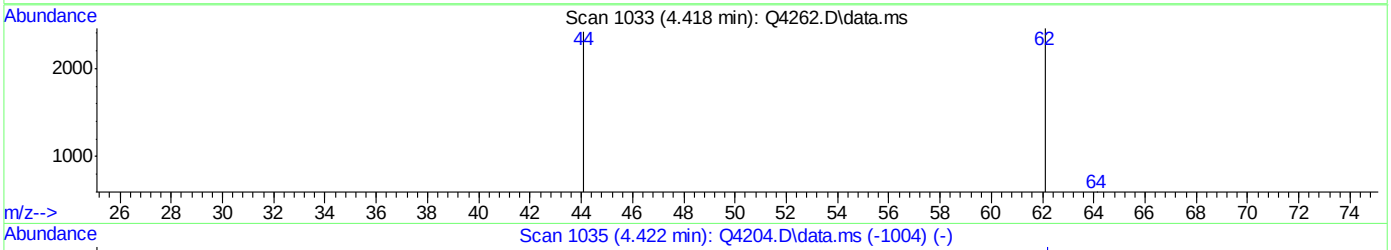
ACCUTEST Laboratories M66975

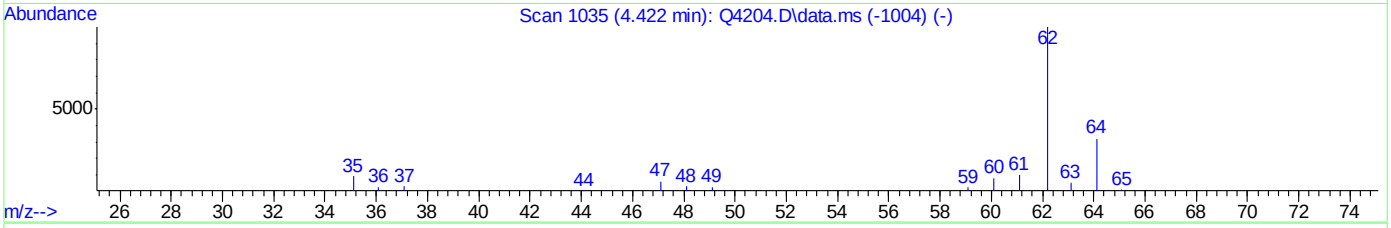
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4262.D
Acq On : 13 Aug 2007 9:33 am
Operator : danat
Sample : ic227-0.2 (M072)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 10:21:39 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 08:30:47 2007
Response via : Initial Calibration







TIC: Q4262.D\data.ms

(6) VINYL CHLORIDE (m)

4.418min (-0.004) 0.15PPBV

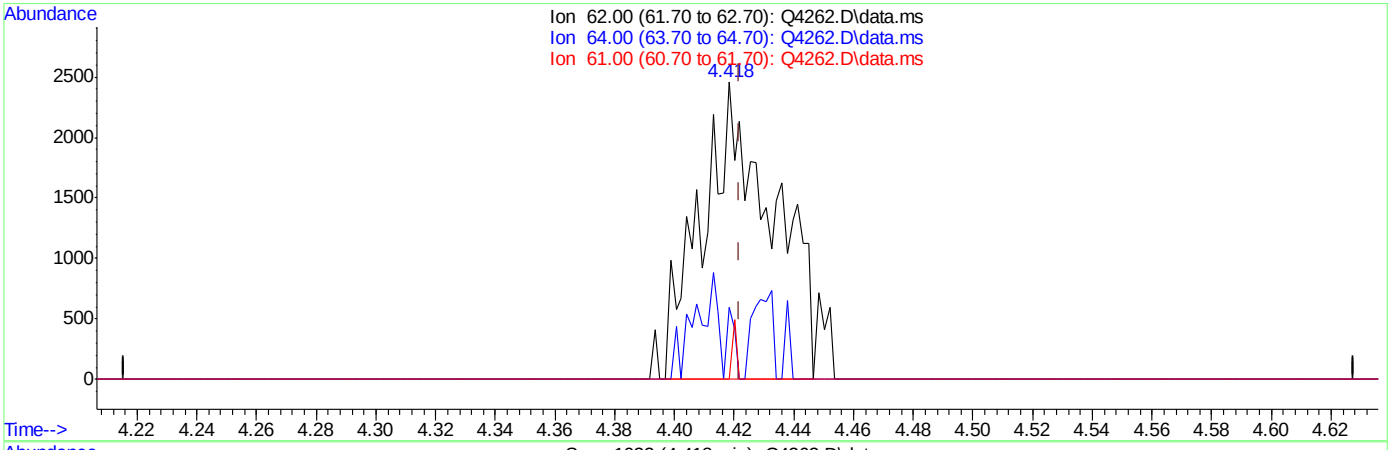
response 3124

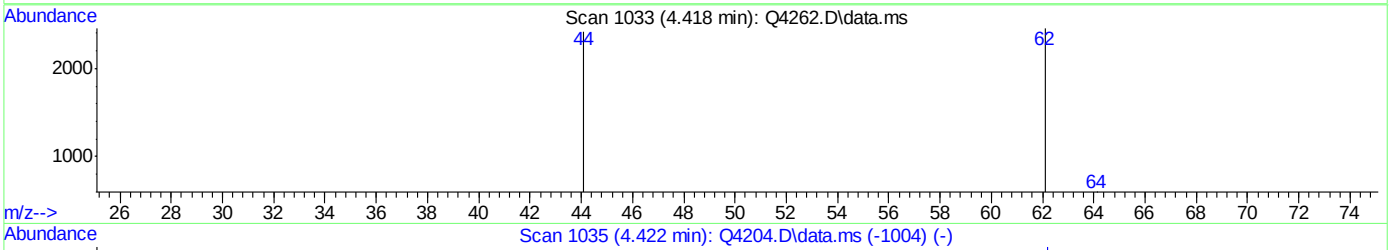
Ion	Exp%	Act%
62.00	100	100
64.00	32.50	18.31
61.00	9.60	0.00
0.00	0.00	0.00

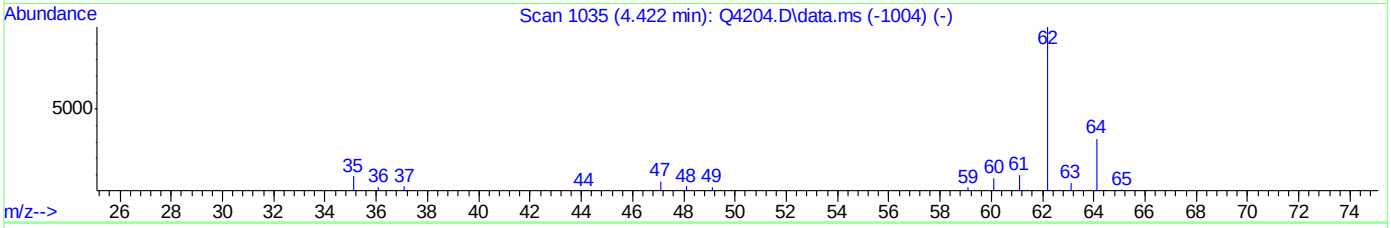
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4262.D
Acq On : 13 Aug 2007 9:33 am
Operator : danat
Sample : ic227-0.2 (M072)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 10:21:39 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 08:30:47 2007
Response via : Initial Calibration







TIC: Q4262.D\data.ms

(6) VINYL CHLORIDE (m)

4.418min (-0.004) 0.20PPBV m

response 4056

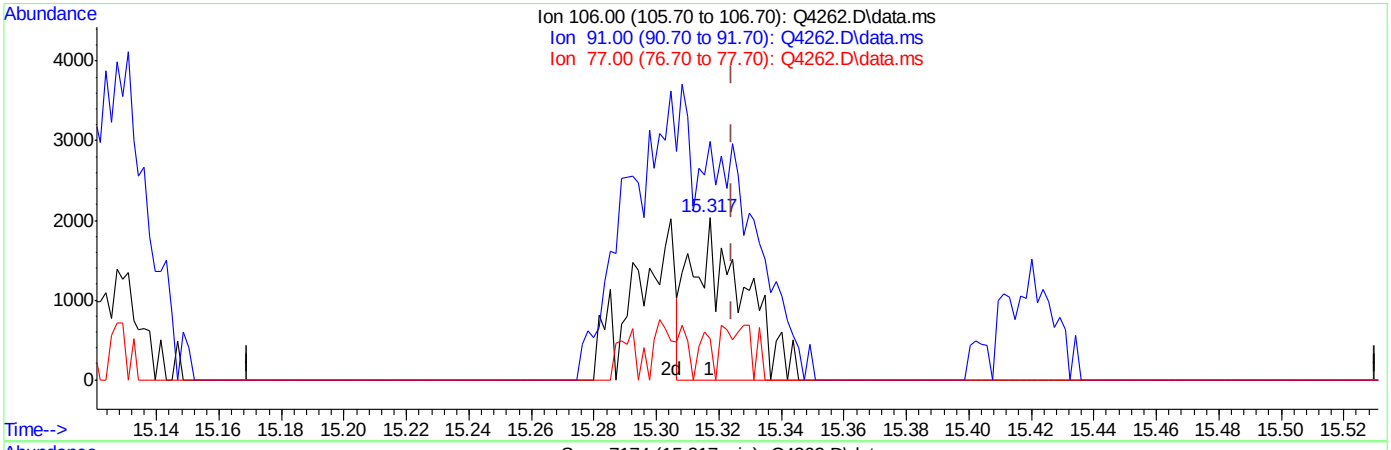
Ion	Exp%	Act%
62.00	100	100
64.00	32.50	14.10
61.00	9.60	0.00
0.00	0.00	0.00

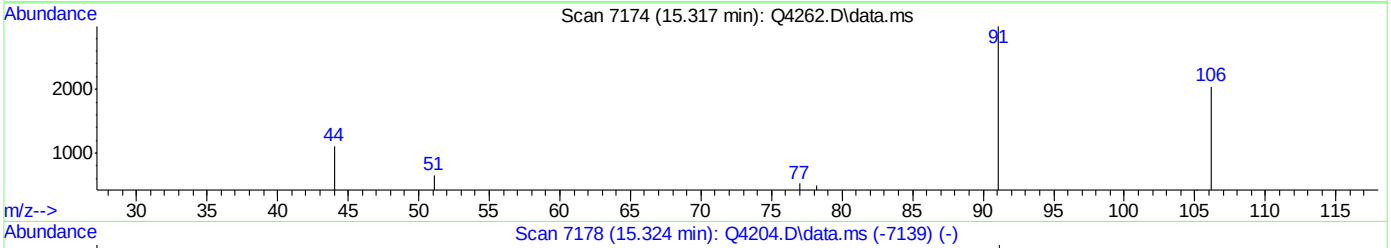
ACCUTEST Laboratories M66975

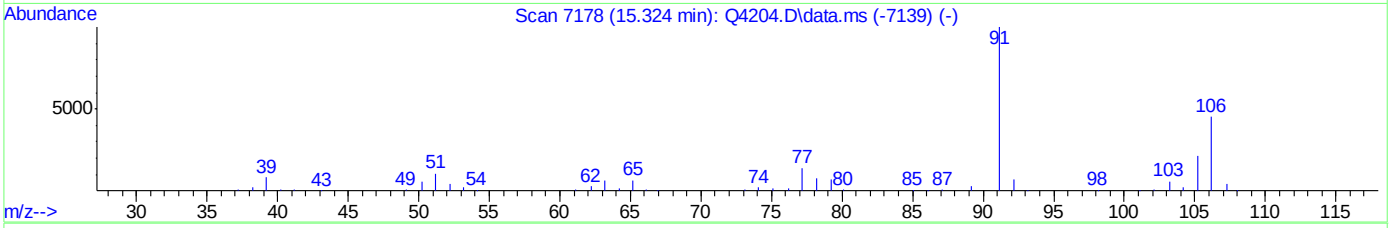
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4262.D
Acq On : 13 Aug 2007 9:33 am
Operator : danat
Sample : ic227-0.2 (M072)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 10:21:39 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 08:30:47 2007
Response via : Initial Calibration







TIC: Q4262.D\data.ms

(56) m,p-XYLENE (m)

15.317min (-0.007) 0.11PPBV

response 2339

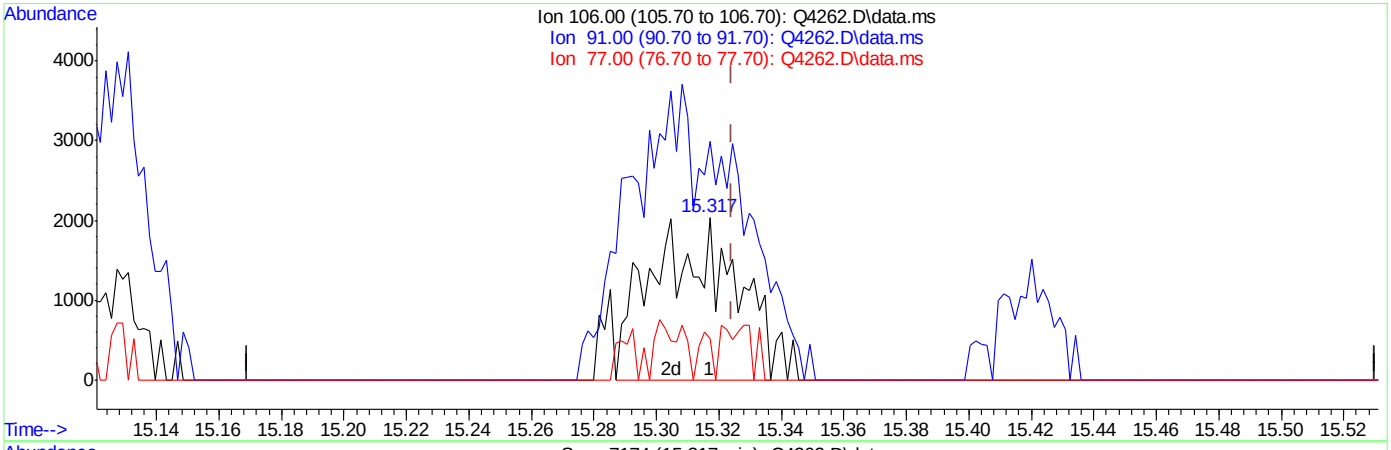
Ion	Exp%	Act%
106.00	100	100
91.00	222.50	146.43#
77.00	31.10	25.17
0.00	0.00	0.00

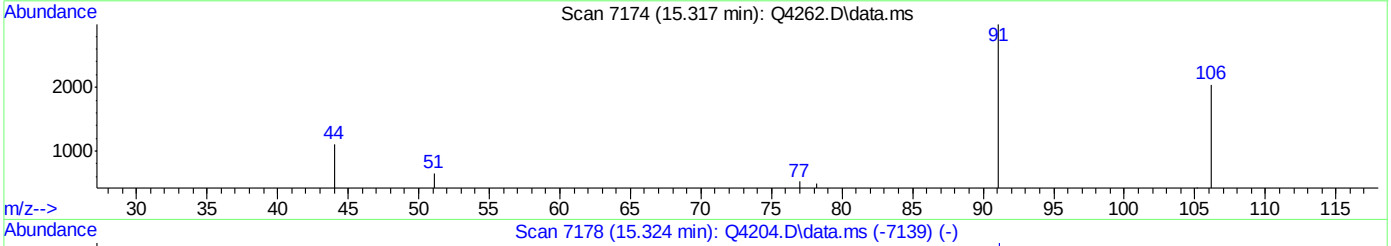
ACCUTEST Laboratories M66975

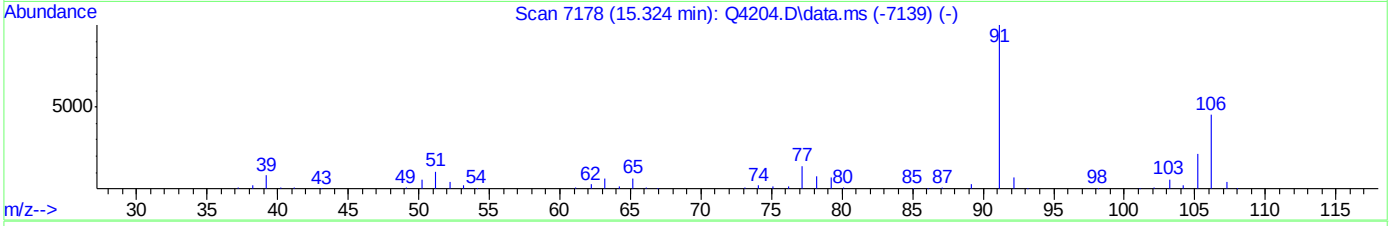
Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : Q4262.D
Acq On    : 13 Aug 2007   9:33 am
Operator  : danat
Sample    : ic227-0.2 (M072)
Misc      : MS14080, MSQ227,,,,,1
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Aug 13 10:21:39 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title  : TO15  by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 08:30:47 2007
Response via : Initial Calibration
```





TIC: Q4262.D\data.ms

(56) m,p-XYLENE (m)

15.317min (-0.007) 0.17PPBV m

response 3652

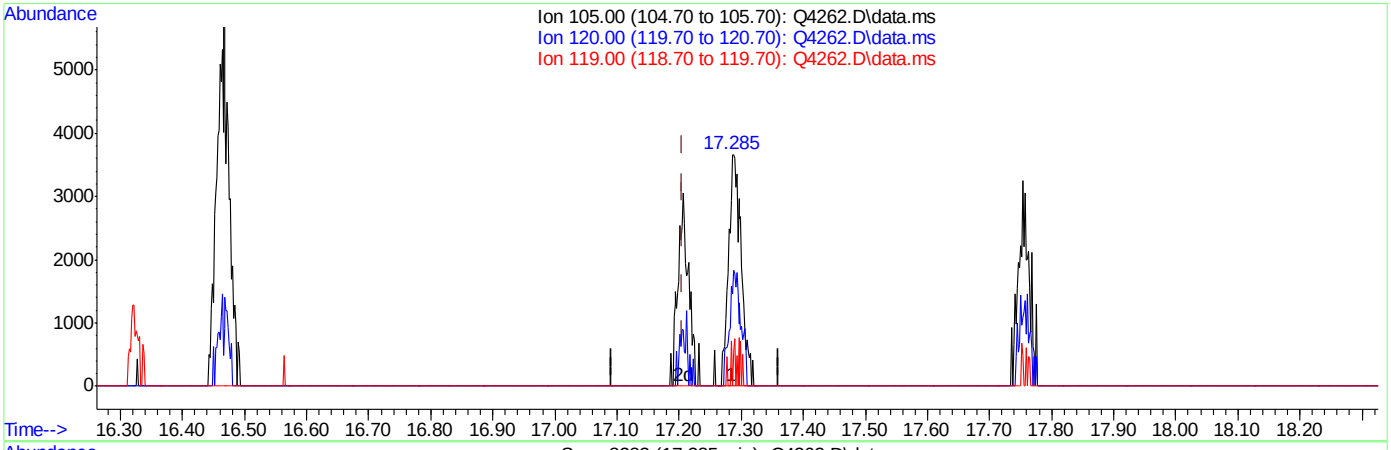
Ion	Exp%	Act%
106.00	100	100
91.00	222.50	146.43#
77.00	31.10	25.17
0.00	0.00	0.00

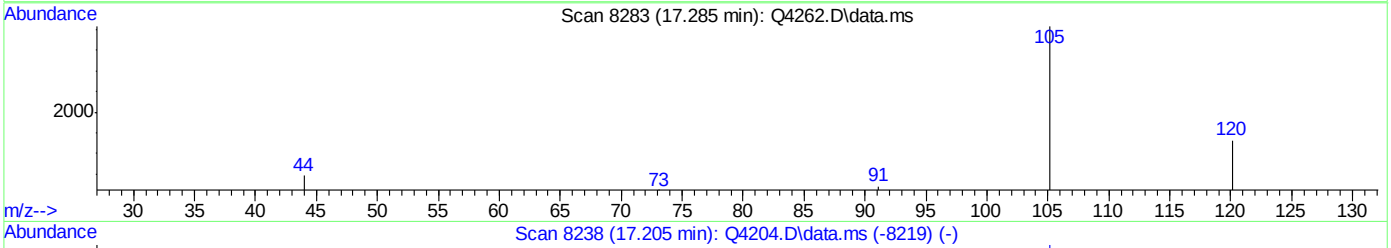
ACCUTEST Laboratories M66975

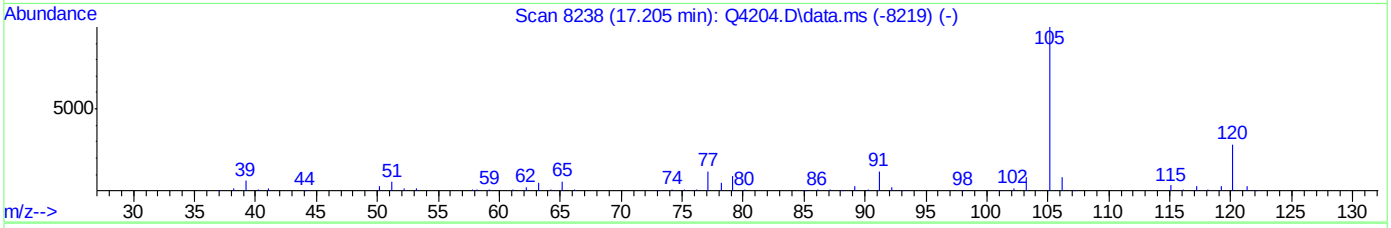
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4262.D
Acq On : 13 Aug 2007 9:33 am
Operator : danat
Sample : ic227-0.2 (M072)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 10:21:39 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 08:30:47 2007
Response via : Initial Calibration







TIC: Q4262.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.285min (+0.080) 0.10PPBV

response 5405

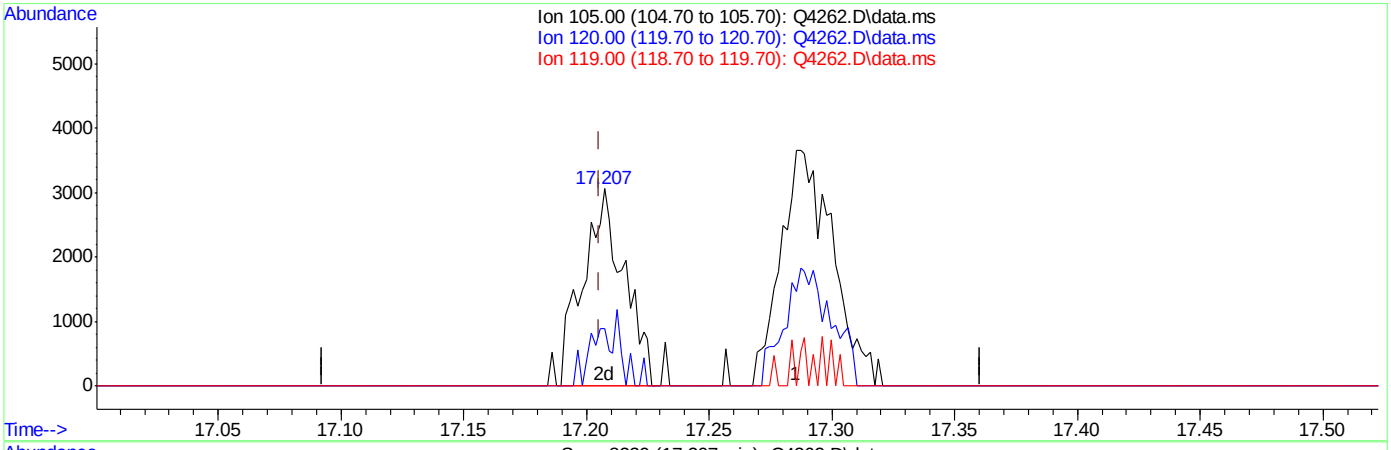
Ion	Exp%	Act%
105.00	100	100
120.00	28.40	45.22
119.00	2.40	5.81
0.00	0.00	0.00

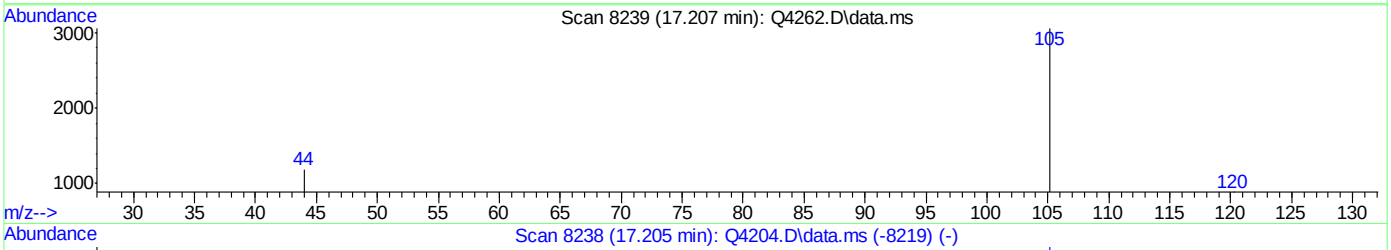
ACCUTEST Laboratories M66975

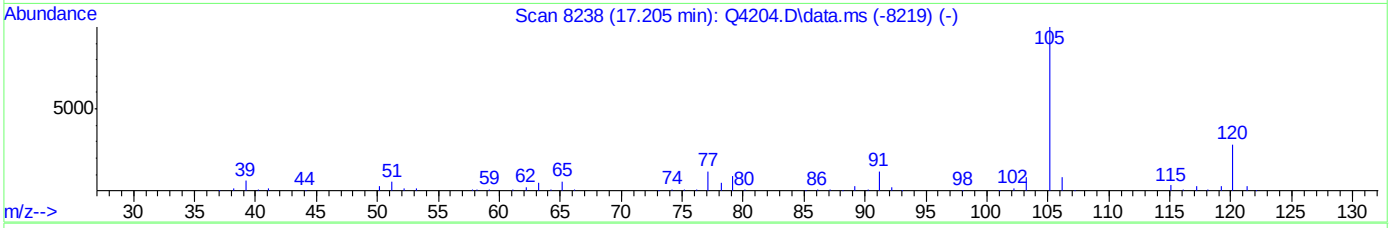
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4262.D
Acq On : 13 Aug 2007 9:33 am
Operator : danat
Sample : ic227-0.2 (M072)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 10:21:39 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 08:30:47 2007
Response via : Initial Calibration







TIC: Q4262.D\data.ms

(65) 4-ETHYLTOLUENE (m)

17.207min (+0.002) 0.07PPBV m

response 3578

Ion	Exp%	Act%
105.00	100	100
120.00	28.40	68.31#
119.00	2.40	8.78
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
08/15/07 15:49

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4264.D
Acq On : 13 Aug 2007 10:59 am
Operator : danat
Sample : ic227-20 (M057)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 13 11:26:52 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 08:30:47 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	104707	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.461	114	499793	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.703	117	413942	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.322	95	182963	5.47	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 109.40%

Target Compounds							Qvalue
2) DICHLORODIFLUOROMETHANE	4.035	85	1119985	18.81	PPBV		99
3) PROPYLENE	3.969	41	137977	19.43	PPBV		96
4) FREON 114	4.301	85	1085271	21.49	PPBV		92
5) CHLOROMETHANE	4.200	50	232122	21.27	PPBV		98
6) VINYL CHLORIDE	4.424	62	293960	21.55	PPBV		99
7) 1,3-BUTADIENE	4.559	39	237361	23.16	PPBV		95
8) BROMOMETHANE	4.835	94	328337	20.99	PPBV		100
9) CHLOROETHANE	5.008	64	133985	24.41	PPBV		97
10) TRICHLOROFLUOROMETHANE	5.794	101	1242762	21.49	PPBV		100
11) ISOPROPYL ALCOHOL	5.822	45	489241	22.12	PPBV		97
12) ACETONE	5.593	43	441475	18.72	PPBV		98
13) PENTANE	6.145	42	294228	24.24	PPBV		98
14) 1,1-DICHLOROETHYLENE	6.422	96	346672	22.19	PPBV	#	86
15) CARBON DISULFIDE	6.855	76	1009698	23.98	PPBV		96
16) ETHANOL	5.100	45	89518	26.11	PPBV		97
17) BROMOETHENE	5.371	106	316069	21.32	PPBV		99
18) METHYLENE CHLORIDE	6.541	84	308591	15.39	PPBV		89
19) 3-CHLOROPROPENE	6.662	39	420120	32.93	PPBV		97
20) FREON 113	6.797	151	657250	21.35	PPBV		88
21) TRANS-1,2-DICHLOROETHY...	7.469	96	353848	23.82	PPBV		90
22) TERTIARY BUTYL ALCOHOL	6.429	59	736972	32.32	PPBV		98
23) METHYL TERTIARY BUTYL ...	7.705	73	913511	31.12	PPBV		95
24) TETRAHYDROFURAN	9.139	42	189971	29.40	PPBV		87
25) HEXANE	8.665	57	337043	18.14	PPBV		96
26) VINYL ACETATE	7.787	43	743384	37.49	PPBV		96
27) 1,1-DICHLOROETHANE	7.661	63	754659	27.75	PPBV		99
28) METHYL ETHYL KETONE	8.028	43	461392	28.44	PPBV		94
29) cis-1,2-DICHLOROETHYLENE	8.468	96	271113	22.79	PPBV		89
30) ETHYL ACETATE	8.664	43	659617	22.17	PPBV		99
31) CHLOROFORM	8.752	83	771200	22.38	PPBV		97
32) 1,1,1-TRICHLOROETHANE	9.707	97	856480	23.62	PPBV		97
33) CARBON TETRACHLORIDE	10.289	117	967956	23.00	PPBV		99
34) 1,2-DICHLOROETHANE	9.459	62	530012	24.64	PPBV		99
36) BENZENE	10.147	78	720594	22.33	PPBV		98
37) CYCLOHEXANE	10.414	84	311259	21.50	PPBV		88
38) TRICHLOROETHYLENE	11.143	95	443956	22.41	PPBV		92
39) 1,2-DICHLOROPROPANE	10.921	63	222941	21.53	PPBV		97
40) BROMODICHLOROMETHANE	11.106	83	837983	26.02	PPBV		99
41) 2,2,4-TRIMETHYLPENTANE	11.166	57	1221920	24.86	PPBV		99
42) 1,4-DIOXANE	11.129	88	150031	25.81	PPBV	#	83
43) HEPTANE	11.406	43	421430	26.33	PPBV		94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4264.D
Acq On : 13 Aug 2007 10:59 am
Operator : danat
Sample : ic227-20 (M057)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 13 11:26:52 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 08:30:47 2007
Response via : Initial Calibration

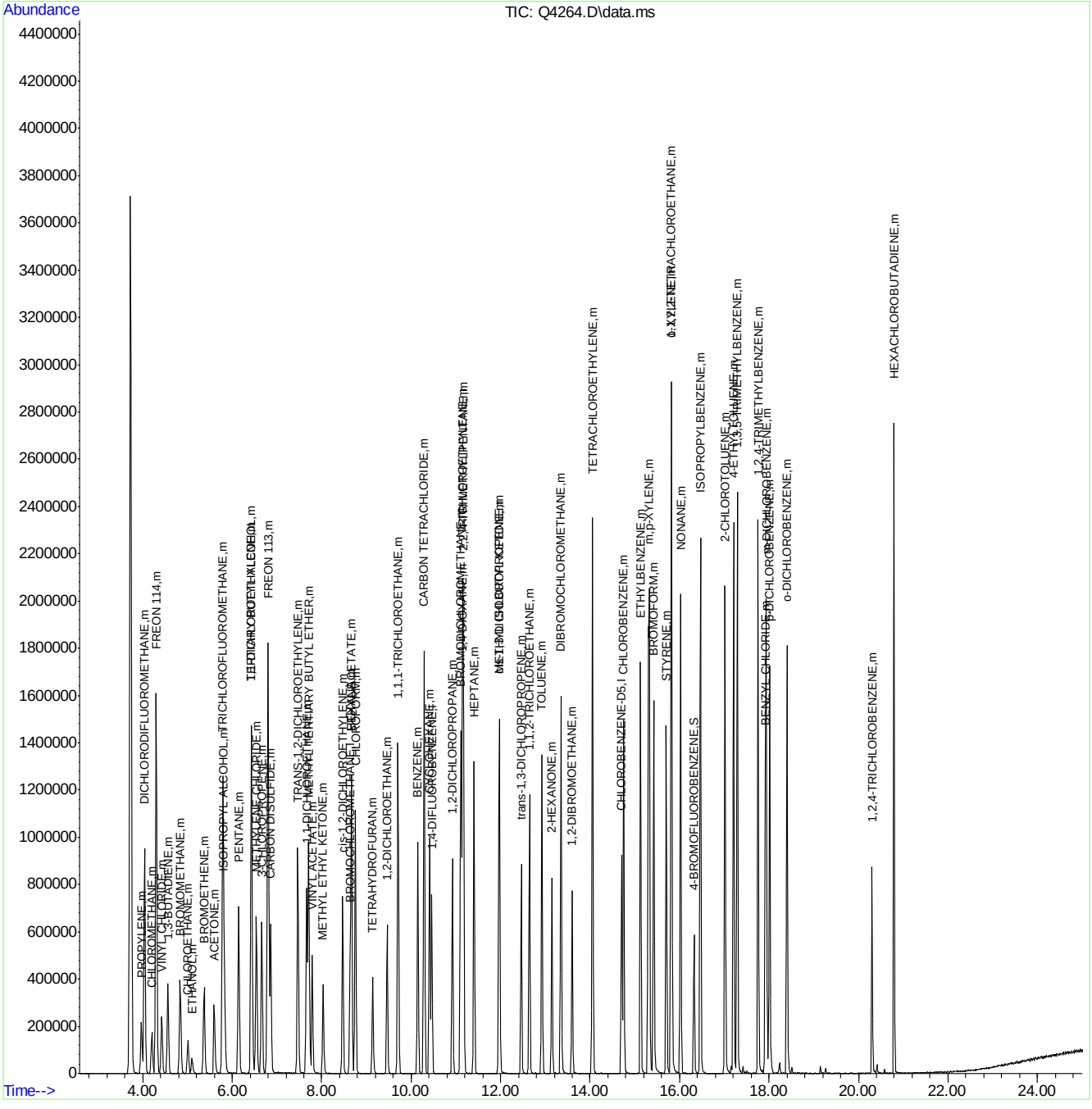
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.977	43	569708	31.82	PPBV	96
45) cis-1,3-DICHLOROPROPENE	11.961	75	401259	25.44	PPBV	86
46) TOLUENE	12.923	92	489683	22.30	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.460	75	388138	27.11	PPBV	92
48) 1,1,2-TRICHLOROETHANE	12.644	83	252754	22.08	PPBV	96
50) 2-HEXANONE	13.145	43	504812	36.33	PPBV	96
51) TETRACHLOROETHYLENE	14.055	164	419575	22.21	PPBV	94
52) DIBROMOCHLOROMETHANE	13.349	129	744565	28.59	PPBV	100
53) 1,2-DIBROMOETHANE	13.599	107	450653	23.38	PPBV	99
54) CHLOROBENZENE	14.748	112	659879	23.04	PPBV	96
55) ETHYLBENZENE	15.126	91	1127269	26.67	PPBV	98
56) m,p-XYLENE	15.321	106	846030	54.66	PPBV	95
57) o-XYLENE	15.820	106	440273	29.19	PPBV	98
58) STYRENE	15.701	104	600766	28.90	PPBV	97
59) NONANE	16.022	43	621903	33.32	PPBV	95
60) BROMOFORM	15.420	173	694135m	30.34	PPBV	
62) 1,1,2,2-TETRACHLOROETHANE	15.809	83	681495	27.76	PPBV	97
63) ISOPROPYLBENZENE	16.466	105	1374231	29.15	PPBV	97
64) 2-CHLOROTOLUENE	17.016	91	1045851	29.51	PPBV	96
65) 4-ETHYLTOLUENE	17.204	105	1309404	32.88	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.289	105	1243393	31.14	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.754	105	1136549	31.57	PPBV	100
68) m-DICHLOROBENZENE	17.939	146	633619	26.75	PPBV	98
69) BENZYL CHLORIDE	17.914	91	740498	43.87	PPBV	98
70) p-DICHLOROBENZENE	18.011	146	590526	26.28	PPBV	97
71) o-DICHLOROBENZENE	18.398	146	608864	27.61	PPBV	98
72) HEXACHLOROBUTADIENE	20.796	225	412267	22.23	PPBV	100
73) 1,2,4-TRICHLOROBENZENE	20.303	180	210693	28.77	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4264.D
Acq On : 13 Aug 2007 10:59 am
Operator : danat
Sample : ic227-20 (M057)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 13 11:26:52 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 08:30:47 2007
Response via : Initial Calibration



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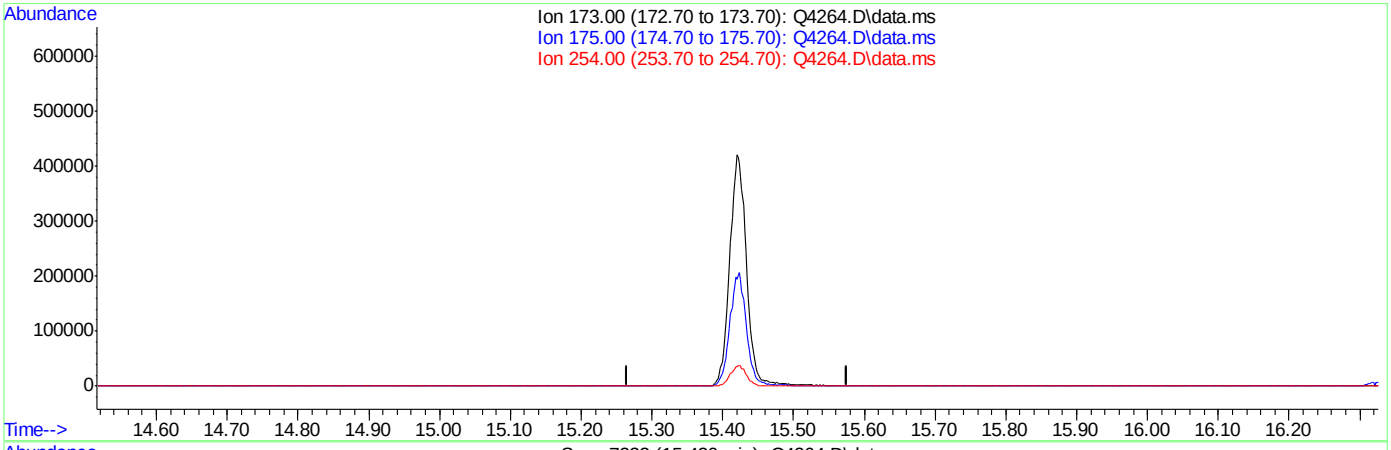
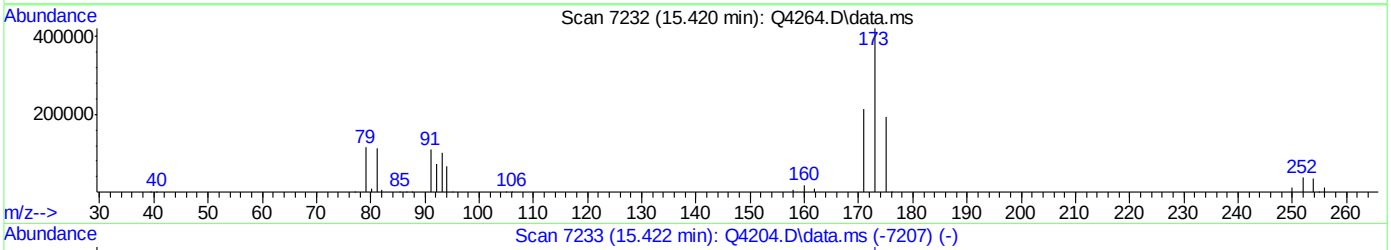
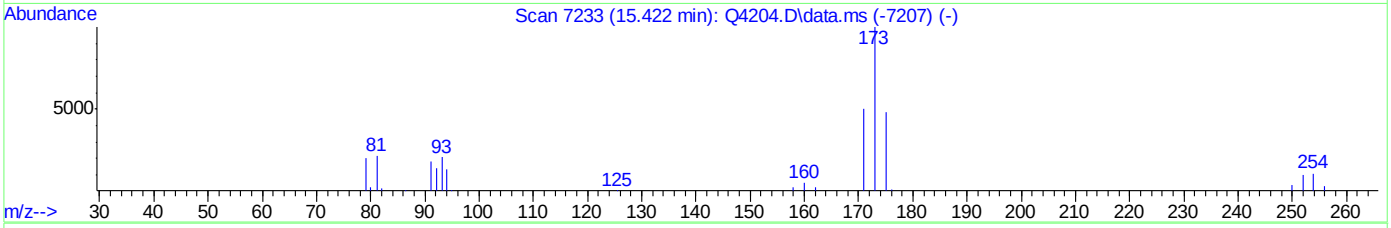
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4264.D
Acq On : 13 Aug 2007 10:59 am
Operator : danat
Sample : ic227-20 (M057)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 13 11:25:34 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 08:30:47 2007
Response via : Initial Calibration







TIC: Q4264.D\data.ms

(60) BROMOFORM (m)

15.421min (-15.421) 0.00PPBV

response 0

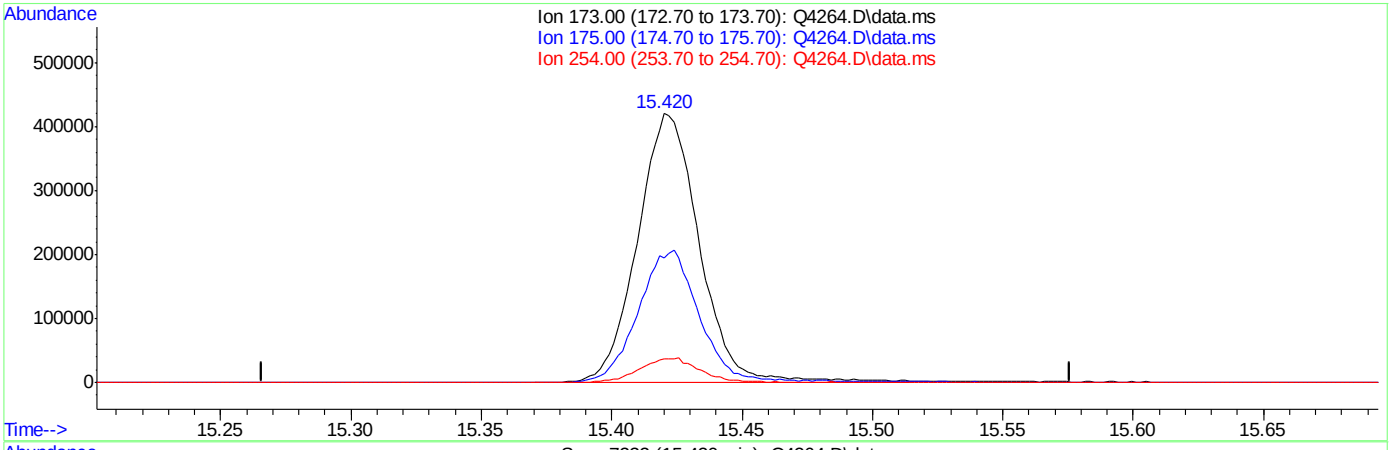
Ion	Exp%	Act%
173.00	100	0.00
175.00	49.10	0.00#
254.00	10.00	0.00
0.00	0.00	0.00

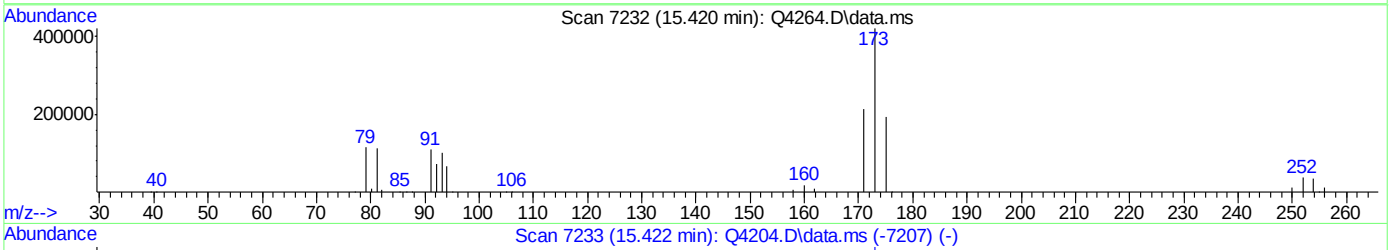
ACCUTEST Laboratories M66975

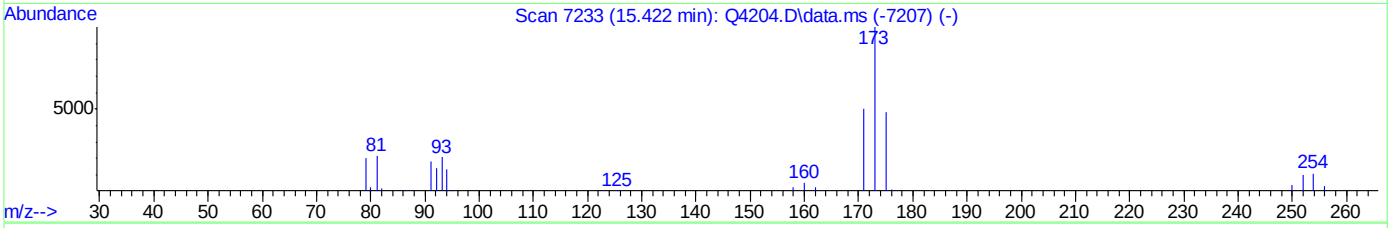
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q4264.D
Acq On : 13 Aug 2007 10:59 am
Operator : danat
Sample : ic227-20 (M057)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 13 11:25:34 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 08:30:47 2007
Response via : Initial Calibration







TIC: Q4264.D\data.ms

(60) BROMOFORM (m)

15.420min (-0.001) 30.34PPBV m

response 694135

Ion	Exp%	Act%
173.00	100	100
175.00	49.10	0.00#
254.00	10.00	0.00
0.00	0.00	0.00

ACCUTEST Laboratories M66975

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4265.D
Acq On : 13 Aug 2007 11:41 am
Operator : danat
Sample : icc227-10 (M057)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 13 13:03:59 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 08:30:47 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.630	128	120773	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.458	114	562911	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.703	117	468170	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.322	95	191504	5.06	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery	=	101.20%	
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.037	85	551288	8.03	PPBV	98
3) PROPYLENE	3.971	41	64683	7.90	PPBV	92
4) FREON 114	4.298	85	451076	7.74	PPBV	92
5) CHLOROMETHANE	4.203	50	94455	7.50	PPBV	99
6) VINYL CHLORIDE	4.425	62	123835	7.87	PPBV	99
7) 1,3-BUTADIENE	4.555	39	104231	8.82	PPBV	93
8) BROMOMETHANE	4.835	94	144196	7.99	PPBV	99
9) CHLOROETHANE	5.011	64	58354	9.22	PPBV	97
10) TRICHLOROFLUOROMETHANE	5.788	101	589405	8.84	PPBV	100
11) ISOPROPYL ALCOHOL	5.827	45	234192	9.18	PPBV	97
12) ACETONE	5.598	43	220221	8.10	PPBV	96
13) PENTANE	6.143	42	140875	10.06	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.426	96	163861	9.09	PPBV #	81
15) CARBON DISULFIDE	6.857	76	513506	10.57	PPBV	94
16) ETHANOL	5.100	45	42765	10.82	PPBV	97
17) BROMOETHENE	5.371	106	143683	8.40	PPBV #	98
18) METHYLENE CHLORIDE	6.541	84	146032	6.31	PPBV	85
19) 3-CHLOROPROPENE	6.658	39	201340	13.68	PPBV	96
20) FREON 113	6.798	151	307354	8.66	PPBV	86
21) TRANS-1,2-DICHLOROETHY...	7.466	96	168885	9.85	PPBV #	85
22) TERTIARY BUTYL ALCOHOL	6.429	59	365185	13.88	PPBV	96
23) METHYL TERTIARY BUTYL ...	7.709	73	465236	13.74	PPBV	93
24) TETRAHYDROFURAN	9.139	42	102877	13.80	PPBV	82
25) HEXANE	8.667	57	187686	8.76	PPBV	96
26) VINYL ACETATE	7.789	43	392059	17.14	PPBV	97
27) 1,1-DICHLOROETHANE	7.663	63	388869	12.40	PPBV	99
28) METHYL ETHYL KETONE	8.032	43	268511	14.35	PPBV	92
29) cis-1,2-DICHLOROETHYLENE	8.468	96	128466	9.36	PPBV #	82
30) ETHYL ACETATE	8.662	43	370443	10.79	PPBV	98
31) CHLOROFORM	8.750	83	398424	10.02	PPBV	95
32) 1,1,1-TRICHLOROETHANE	9.705	97	425717	10.18	PPBV	95
33) CARBON TETRACHLORIDE	10.289	117	506643	10.44	PPBV	98
34) 1,2-DICHLOROETHANE	9.462	62	263319	10.61	PPBV	99
36) BENZENE	10.145	78	329058	9.05	PPBV	97
37) CYCLOHEXANE	10.412	84	154933	9.50	PPBV	85
38) TRICHLOROETHYLENE	11.143	95	210300	9.43	PPBV	89
39) 1,2-DICHLOROPROPANE	10.919	63	107375	9.21	PPBV	97
40) BROMODICHLOROMETHANE	11.104	83	392215	10.81	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.166	57	593595	10.72	PPBV	98
42) 1,4-DIOXANE	11.132	88	69277	10.58	PPBV	88
43) HEPTANE	11.406	43	209440	11.62	PPBV	91

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4265.D
Acq On : 13 Aug 2007 11:41 am
Operator : danat
Sample : icc227-10 (M057)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 13 13:03:59 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 08:30:47 2007
Response via : Initial Calibration

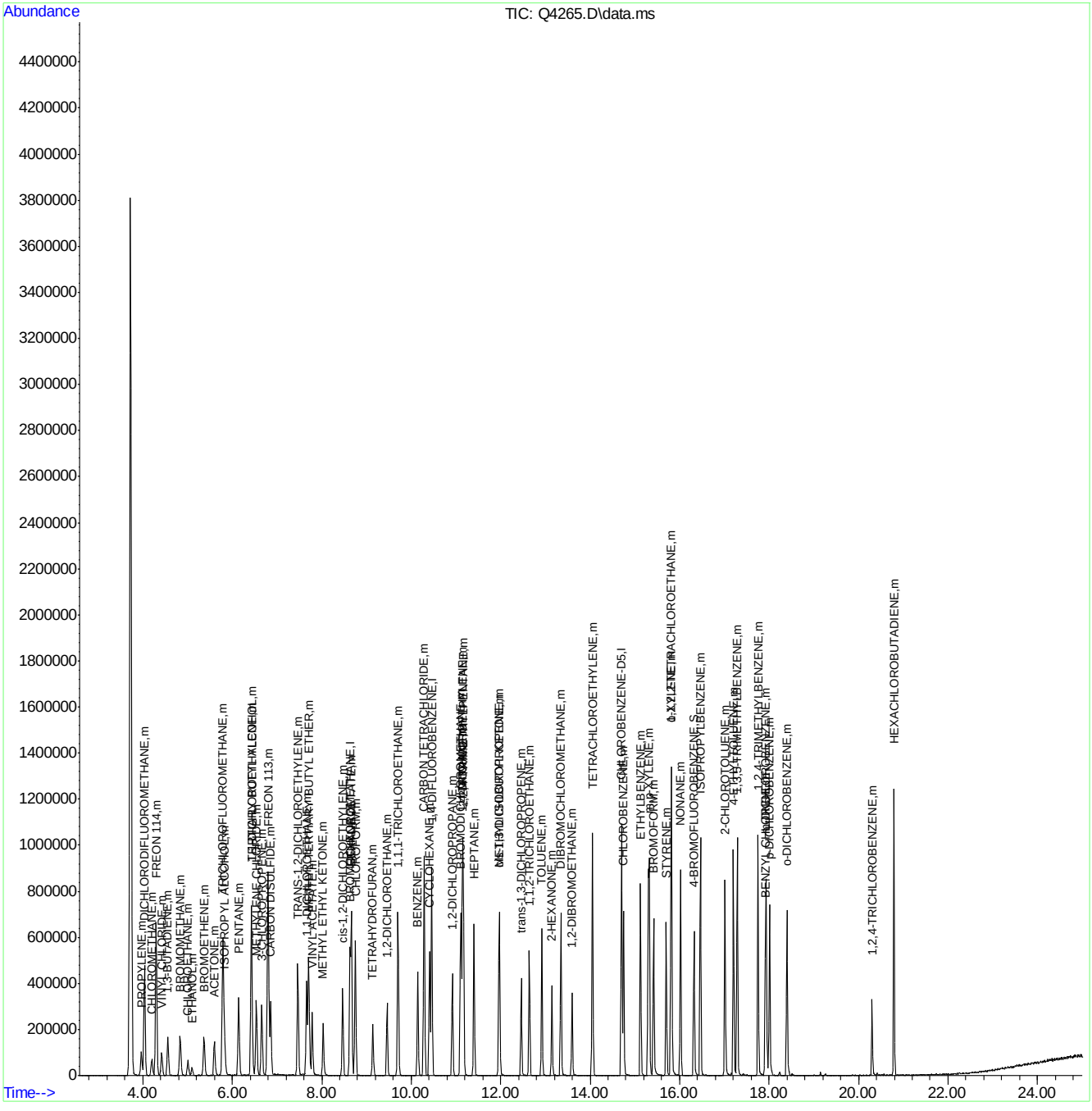
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.975	43	289731	14.37 PPBV	93
45) cis-1,3-DICHLOROPROPENE	11.961	75	180343	10.15 PPBV #	79
46) TOLUENE	12.921	92	219289	8.87 PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.460	75	176047	10.92 PPBV	89
48) 1,1,2-TRICHLOROETHANE	12.643	83	117892	9.14 PPBV	95
50) 2-HEXANONE	13.145	43	242035	15.40 PPBV	92
51) TETRACHLOROETHYLENE	14.052	164	175665	8.22 PPBV	91
52) DIBROMOCHLOROMETHANE	13.347	129	320602	10.88 PPBV	100
53) 1,2-DIBROMOETHANE	13.597	107	204235	9.37 PPBV	99
54) CHLOROBENZENE	14.747	112	297125	9.17 PPBV	93
55) ETHYLBENZENE	15.125	91	513789	10.75 PPBV	97
56) m,p-XYLENE	15.321	106	382059	21.83 PPBV	98
57) o-XYLENE	15.819	106	190817	11.19 PPBV	95
58) STYRENE	15.700	104	251554	10.70 PPBV	95
59) NONANE	16.022	43	276829	13.11 PPBV	93
60) BROMOFORM	15.420	173	282191	10.90 PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.807	83	305681	11.01 PPBV	97
63) ISOPROPYLBENZENE	16.465	105	595169	11.16 PPBV	96
64) 2-CHLOROTOLUENE	17.016	91	422709	10.55 PPBV	95
65) 4-ETHYLTOLUENE	17.204	105	531804	11.81 PPBV	97
66) 1,3,5-TRIMETHYLBENZENE	17.287	105	516308	11.43 PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.756	105	487451	11.97 PPBV	97
68) m-DICHLOROBENZENE	17.938	146	263099	9.82 PPBV	97
69) BENZYL CHLORIDE	17.914	91	304069	15.93 PPBV	96
70) p-DICHLOROBENZENE	18.013	146	247722	9.75 PPBV	97
71) o-DICHLOROBENZENE	18.398	146	244607	9.81 PPBV	97
72) HEXACHLOROBUTADIENE	20.792	225	180919	8.62 PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.302	180	79609	9.61 PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4265.D
Acq On : 13 Aug 2007 11:41 am
Operator : danat
Sample : icc227-10 (M057)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 13 13:03:59 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 08:30:47 2007
Response via : Initial Calibration



ACCUTEST Laboratories M66975

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4266.D
Acq On : 13 Aug 2007 12:24 pm
Operator : danat
Sample : ic227-5 (M057)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 13 13:05:38 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 13:05:26 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.630	128	153309	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.458	114	771417	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.699	117	649401	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.320	95	235610	4.86	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 97.20%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.035	85	387966	4.48	PPBV	99
3) PROPYLENE	3.969	41	53891	4.58	PPBV	99
4) FREON 114	4.298	85	345068	4.52	PPBV	92
5) CHLOROMETHANE	4.202	50	88115	5.06	PPBV	99
6) VINYL CHLORIDE	4.422	62	104881	5.26	PPBV	99
7) 1,3-BUTADIENE	4.558	39	86038	5.21	PPBV	98
8) BROMOMETHANE	4.832	94	112114	4.85	PPBV	97
9) CHLOROETHANE	5.002	64	48001	5.33	PPBV	100
10) TRICHLOROFLUOROMETHANE	5.787	101	447197	4.97	PPBV	99
11) ISOPROPYL ALCOHOL	5.826	45	238778	6.27	PPBV	95
12) ACETONE	5.600	43	235045	3.38	PPBV	99
13) PENTANE	6.140	42	138693	5.89	PPBV	92
14) 1,1-DICHLOROETHYLENE	6.422	96	122766	5.43	PPBV	94
15) CARBON DISULFIDE	6.859	76	404926	5.61	PPBV	98
16) ETHANOL	5.100	45	49800	5.68	PPBV	97
17) BROMOETHENE	5.368	106	105530	5.12	PPBV	98
18) METHYLENE CHLORIDE	6.541	84	114603	2.55	PPBV	91
19) 3-CHLOROPROPENE	6.658	39	144093	5.19	PPBV	93
20) FREON 113	6.802	151	210622	4.50	PPBV	96
21) TRANS-1,2-DICHLOROETHY...	7.469	96	102277	4.43	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.431	59	306350	6.45	PPBV	96
23) METHYL TERTIARY BUTYL ...	7.709	73	281944	5.13	PPBV	100
24) TETRAHYDROFURAN	9.141	42	91853	7.55	PPBV	97
25) HEXANE	8.665	57	152020	5.61	PPBV	99
26) VINYL ACETATE	7.785	43	230970	4.85	PPBV	100
27) 1,1-DICHLOROETHANE	7.659	63	217931	4.24	PPBV	100
28) METHYL ETHYL KETONE	8.032	43	210226	6.24	PPBV	98
29) cis-1,2-DICHLOROETHYLENE	8.470	96	90094	5.43	PPBV	99
30) ETHYL ACETATE	8.660	43	322656	6.33	PPBV	100
31) CHLOROFORM	8.752	83	288981	5.14	PPBV	100
32) 1,1,1-TRICHLOROETHANE	9.707	97	293291	5.05	PPBV	99
33) CARBON TETRACHLORIDE	10.287	117	343013	5.05	PPBV	98
34) 1,2-DICHLOROETHANE	9.459	62	195920	5.62	PPBV	99
36) BENZENE	10.147	78	272445	5.52	PPBV	99
37) CYCLOHEXANE	10.412	84	127689	6.35	PPBV	96
38) TRICHLOROETHYLENE	11.143	95	164551	5.40	PPBV	98
39) 1,2-DICHLOROPROPANE	10.917	63	97284	5.60	PPBV	92
40) BROMODICHLOROMETHANE	11.102	83	296477	4.89	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.166	57	486000	5.78	PPBV	99
42) 1,4-DIOXANE	11.134	88	59307	6.06	PPBV #	80
43) HEPTANE	11.402	43	172231	6.02	PPBV	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4266.D
Acq On : 13 Aug 2007 12:24 pm
Operator : danat
Sample : ic227-5 (M057)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 13 13:05:38 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 13:05:26 2007
Response via : Initial Calibration

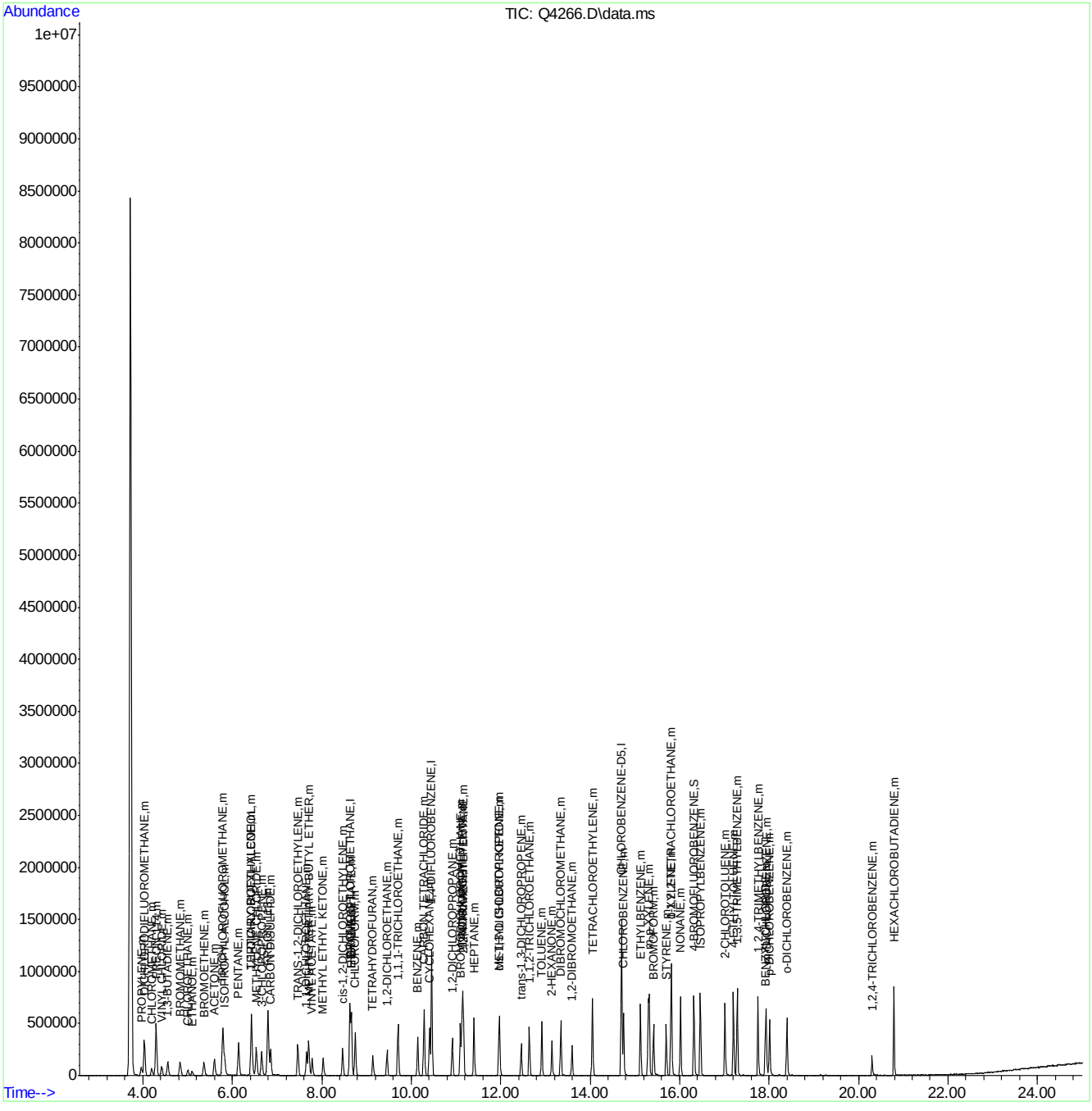
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.975	43	262510	7.04	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.961	75	143371	5.84	PPBV	96
46) TOLUENE	12.921	92	177228	5.95	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.458	75	133273	6.04	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.639	83	108442	5.59	PPBV	98
50) 2-HEXANONE	13.147	43	213232	6.85	PPBV	99
51) TETRACHLOROETHYLENE	14.052	164	127054	4.62	PPBV	99
52) DIBROMOCHLOROMETHANE	13.344	129	238085	4.80	PPBV	99
53) 1,2-DIBROMOETHANE	13.597	107	167986	5.60	PPBV	99
54) CHLOROBENZENE	14.747	112	249895	5.59	PPBV	99
55) ETHYLBENZENE	15.124	91	420845	6.41	PPBV	100
56) m,p-XYLENE	15.321	106	308706	14.15	PPBV	97
57) o-XYLENE	15.821	106	151923	6.53	PPBV	100
58) STYRENE	15.702	104	189498	6.73	PPBV	98
59) NONANE	16.022	43	239411	6.50	PPBV	98
60) BROMOFORM	15.418	173	207271	4.87	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.805	83	264530	5.21	PPBV	100
63) ISOPROPYLBENZENE	16.465	105	458796	5.90	PPBV	99
64) 2-CHLOROTOLUENE	17.016	91	346309	6.25	PPBV	97
65) 4-ETHYLTOLUENE	17.205	105	417166	6.66	PPBV	100
66) 1,3,5-TRIMETHYLBENZENE	17.289	105	402079	6.28	PPBV	97
67) 1,2,4-TRIMETHYLBENZENE	17.754	105	343060	6.16	PPBV	98
68) m-DICHLOROBENZENE	17.937	146	194687	6.31	PPBV	99
69) BENZYL CHLORIDE	17.914	91	212553	6.39	PPBV	99
70) p-DICHLOROBENZENE	18.009	146	178102	6.73	PPBV	98
71) o-DICHLOROBENZENE	18.396	146	176805	5.58	PPBV	98
72) HEXACHLOROBUTADIENE	20.792	225	111165	1.87	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.304	180	44266	4.08	PPBV	93

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4266.D
Acq On : 13 Aug 2007 12:24 pm
Operator : danat
Sample : ic227-5 (M057)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 13 13:05:38 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 13:05:26 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4267.D
Acq On : 13 Aug 2007 1:07 pm
Operator : danat
Sample : ic227-2 (M057)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 13 13:33:28 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 13:07:06 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.632	128	166943	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.458	114	781603	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.701	117	647645	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.322	95	231142	4.80	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 96.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.035	85	172736	1.86	PPBV	99
3) PROPYLENE	3.964	41	25375	2.01	PPBV	91
4) FREON 114	4.294	85	153475	1.88	PPBV	93
5) CHLOROMETHANE	4.196	50	41142	2.16	PPBV	89
6) VINYL CHLORIDE	4.422	62	46635	2.13	PPBV	99
7) 1,3-BUTADIENE	4.558	39	41713	2.30	PPBV	92
8) BROMOMETHANE	4.834	94	47253	1.89	PPBV	100
9) CHLOROETHANE	5.013	64	20582	2.08	PPBV	83
10) TRICHLOROFLUOROMETHANE	5.788	101	177531	1.81	PPBV	98
11) ISOPROPYL ALCOHOL	5.835	45	80914	1.87	PPBV	99
12) ACETONE	5.606	43	85344	1.19	PPBV	97
13) PENTANE	6.142	42	52206	1.98	PPBV	91
14) 1,1-DICHLOROETHYLENE	6.424	96	44160	1.77	PPBV	93
15) CARBON DISULFIDE	6.855	76	145914	1.82	PPBV	98
16) ETHANOL	5.093	45	18011	1.84	PPBV #	55
17) BROMOETHENE	5.366	106	43541	1.93	PPBV	96
18) METHYLENE CHLORIDE	6.543	84	47641	1.06	PPBV	92
19) 3-CHLOROPROPENE	6.653	39	50003	1.64	PPBV	94
20) FREON 113	6.795	151	80052	1.60	PPBV	95
21) TRANS-1,2-DICHLOROETHY...	7.469	96	43550	1.77	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.443	59	104127	1.92	PPBV	91
23) METHYL TERTIARY BUTYL ...	7.714	73	106791	1.78	PPBV	97
24) TETRAHYDROFURAN	9.155	42	27096	1.89	PPBV	90
25) HEXANE	8.665	57	50428	1.68	PPBV	92
26) VINYL ACETATE	7.789	43	90553	1.75	PPBV	81
27) 1,1-DICHLOROETHANE	7.661	63	89225	1.63	PPBV	99
28) METHYL ETHYL KETONE	8.039	43	71922	1.88	PPBV	98
29) cis-1,2-DICHLOROETHYLENE	8.472	96	29118	1.59	PPBV	97
30) ETHYL ACETATE	8.667	43	109230	1.88	PPBV #	99
31) CHLOROFORM	8.750	83	103510	1.68	PPBV	100
32) 1,1,1-TRICHLOROETHANE	9.707	97	100891	1.59	PPBV	97
33) CARBON TETRACHLORIDE	10.289	117	120260	1.62	PPBV	98
34) 1,2-DICHLOROETHANE	9.459	62	65239	1.68	PPBV	99
36) BENZENE	10.147	78	85269	1.68	PPBV	99
37) CYCLOHEXANE	10.413	84	37628	1.77	PPBV	95
38) TRICHLOROETHYLENE	11.143	95	52066	1.66	PPBV	98
39) 1,2-DICHLOROPROPANE	10.921	63	31492	1.75	PPBV	92
40) BROMODICHLOROMETHANE	11.102	83	95586	1.56	PPBV	100
41) 2,2,4-TRIMETHYLPENTANE	11.168	57	157908	1.81	PPBV	98
42) 1,4-DIOXANE	11.141	88	16839	1.64	PPBV #	27
43) HEPTANE	11.406	43	48823	1.63	PPBV	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4267.D
Acq On : 13 Aug 2007 1:07 pm
Operator : danat
Sample : ic227-2 (M057)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 13 13:33:28 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 13:07:06 2007
Response via : Initial Calibration

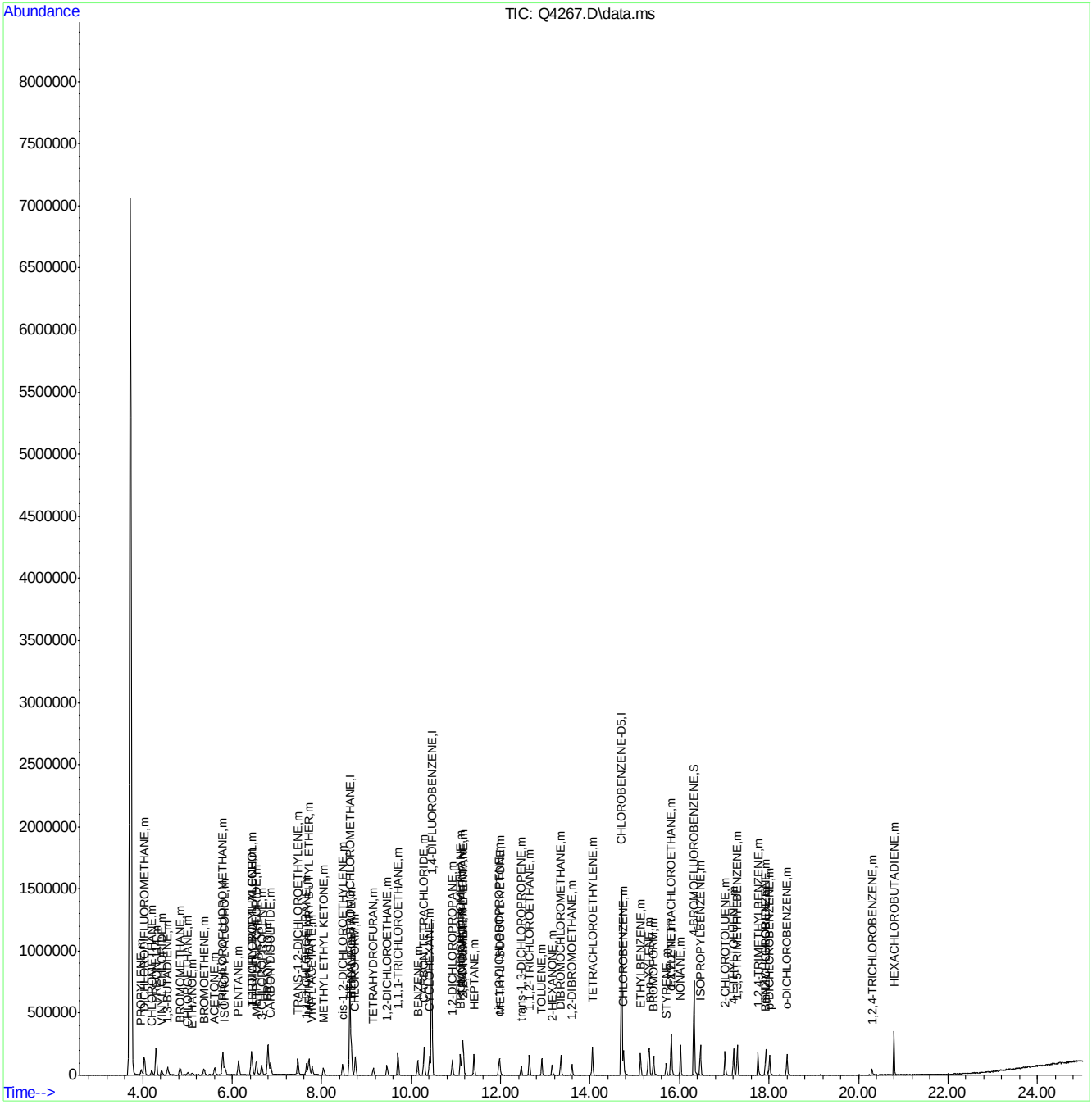
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.979	43	72504	1.80	PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.957	75	38536	1.51	PPBV	98
46) TOLUENE	12.923	92	46279	1.49	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.458	75	34090	1.47	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.641	83	34693	1.73	PPBV	99
50) 2-HEXANONE	13.152	43	52776	1.60	PPBV	95
51) TETRACHLOROETHYLENE	14.054	164	40114	1.48	PPBV	98
52) DIBROMOCHLOROMETHANE	13.345	129	76439	1.56	PPBV	98
53) 1,2-DIBROMOETHANE	13.597	107	51149	1.68	PPBV	98
54) CHLOROBENZENE	14.747	112	79343	1.75	PPBV	99
55) ETHYLBENZENE	15.125	91	104460	1.52	PPBV	99
56) m,p-XYLENE	15.319	106	85364	3.67	PPBV	98
57) o-XYLENE	15.823	106	40923	1.68	PPBV	98
58) STYRENE	15.706	104	40555	1.37	PPBV	94
59) NONANE	16.022	43	67202	1.74	PPBV	98
60) BROMOFORM	15.418	173	61682	1.46	PPBV	98
62) 1,1,2,2-TETRACHLOROETHANE	15.807	83	88657	1.74	PPBV	98
63) ISOPROPYLBENZENE	16.465	105	133295	1.67	PPBV	99
64) 2-CHLOROTOLUENE	17.017	91	90268	1.57	PPBV	98
65) 4-ETHYLTOLUENE	17.207	105	104722	1.59	PPBV	100
66) 1,3,5-TRIMETHYLBENZENE	17.289	105	115905	1.74	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.759	105	87286	1.51	PPBV	99
68) m-DICHLOROBENZENE	17.937	146	63618	1.98	PPBV	99
69) BENZYL CHLORIDE	17.917	91	59838	1.72	PPBV	95
70) p-DICHLOROBENZENE	18.011	146	59753	2.14	PPBV	90
71) o-DICHLOROBENZENE	18.398	146	56853	1.76	PPBV	98
72) HEXACHLOROBUTADIENE	20.792	225	43428	0.82	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.304	180	12838	1.23	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4267.D
Acq On : 13 Aug 2007 1:07 pm
Operator : danat
Sample : ic227-2 (M057)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 13 13:33:28 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 13:07:06 2007
Response via : Initial Calibration



ACCUTEST Laboratories M66975

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4269.D
Acq On : 13 Aug 2007 2:54 pm
Operator : danat
Sample : ic227-40 (M057)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 13 15:23:04 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 14:33:20 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.633	128	117338	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.460	114	576085	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.701	117	508200	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.323	95	224705	6.00	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 120.00%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.037	85	2477161	37.73	PPBV	100
3) PROPYLENE	3.964	41	357599	39.11	PPBV	96
4) FREON 114	4.296	85	2556286	43.89	PPBV	99
5) CHLOROMETHANE	4.200	50	555463	39.91	PPBV	98
6) VINYL CHLORIDE	4.422	62	683604	42.77	PPBV	100
7) 1,3-BUTADIENE	4.559	39	552488	41.16	PPBV	96
8) BROMOMETHANE	4.832	94	757709	42.39	PPBV	99
9) CHLOROETHANE	5.009	64	302931	41.92	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.788	101	2708556	39.16	PPBV	100
11) ISOPROPYL ALCOHOL	5.820	45	1142689	37.34	PPBV	97
12) ACETONE	5.591	43	1110702	39.40	PPBV	98
13) PENTANE	6.142	42	697795	36.49	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.426	96	779978	44.15	PPBV	95
15) CARBON DISULFIDE	6.855	76	2269428	39.93	PPBV	97
16) ETHANOL	5.091	45	223797	37.82	PPBV	100
17) BROMOETHENE	5.368	106	739307	45.71	PPBV	99
18) METHYLENE CHLORIDE	6.539	84	684998	41.82	PPBV	96
19) 3-CHLOROPROPENE	6.660	39	962363	44.86	PPBV	97
20) FREON 113	6.798	151	1424998	41.08	PPBV	98
21) TRANS-1,2-DICHLOROETHY...	7.466	96	619364	35.60	PPBV	94
22) TERTIARY BUTYL ALCOHOL	6.431	59	753593	19.66	PPBV	97
23) METHYL TERTIARY BUTYL ...	7.702	73	1701696	40.18	PPBV	98
24) TETRAHYDROFURAN	9.130	42	466930	45.22	PPBV	91
25) HEXANE	8.667	57	794590	37.61	PPBV	96
26) VINYL ACETATE	7.787	43	1317964	35.77	PPBV	93
27) 1,1-DICHLOROETHANE	7.664	63	1217575	31.84	PPBV	99
28) METHYL ETHYL KETONE	8.026	43	1023393	37.65	PPBV	97
29) cis-1,2-DICHLOROETHYLENE	8.468	96	634623	49.51	PPBV	94
30) ETHYL ACETATE	8.662	43	1603649	38.87	PPBV	99
31) CHLOROFORM	8.752	83	1732906	40.26	PPBV	98
32) 1,1,1-TRICHLOROETHANE	9.705	97	1894527	42.99	PPBV	99
33) CARBON TETRACHLORIDE	10.289	117	2058174	40.08	PPBV	100
34) 1,2-DICHLOROETHANE	9.460	62	1220673	44.81	PPBV	100
36) BENZENE	10.147	78	1714038	46.13	PPBV	98
37) CYCLOHEXANE	10.410	84	712752	45.71	PPBV	97
38) TRICHLOROETHYLENE	11.147	95	1051358	46.26	PPBV	95
39) 1,2-DICHLOROPROPANE	10.923	63	556290	42.10	PPBV	97
40) BROMODICHLOROMETHANE	11.106	83	1904083	43.10	PPBV	99
41) 2,2,4-TRIMETHYLPENTANE	11.168	57	2943839	45.72	PPBV	99
42) 1,4-DIOXANE	11.127	88	372688	50.56	PPBV #	85
43) HEPTANE	11.406	43	990865	45.32	PPBV	96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4269.D
Acq On : 13 Aug 2007 2:54 pm
Operator : danat
Sample : ic227-40 (M057)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 13 15:23:04 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 14:33:20 2007
Response via : Initial Calibration

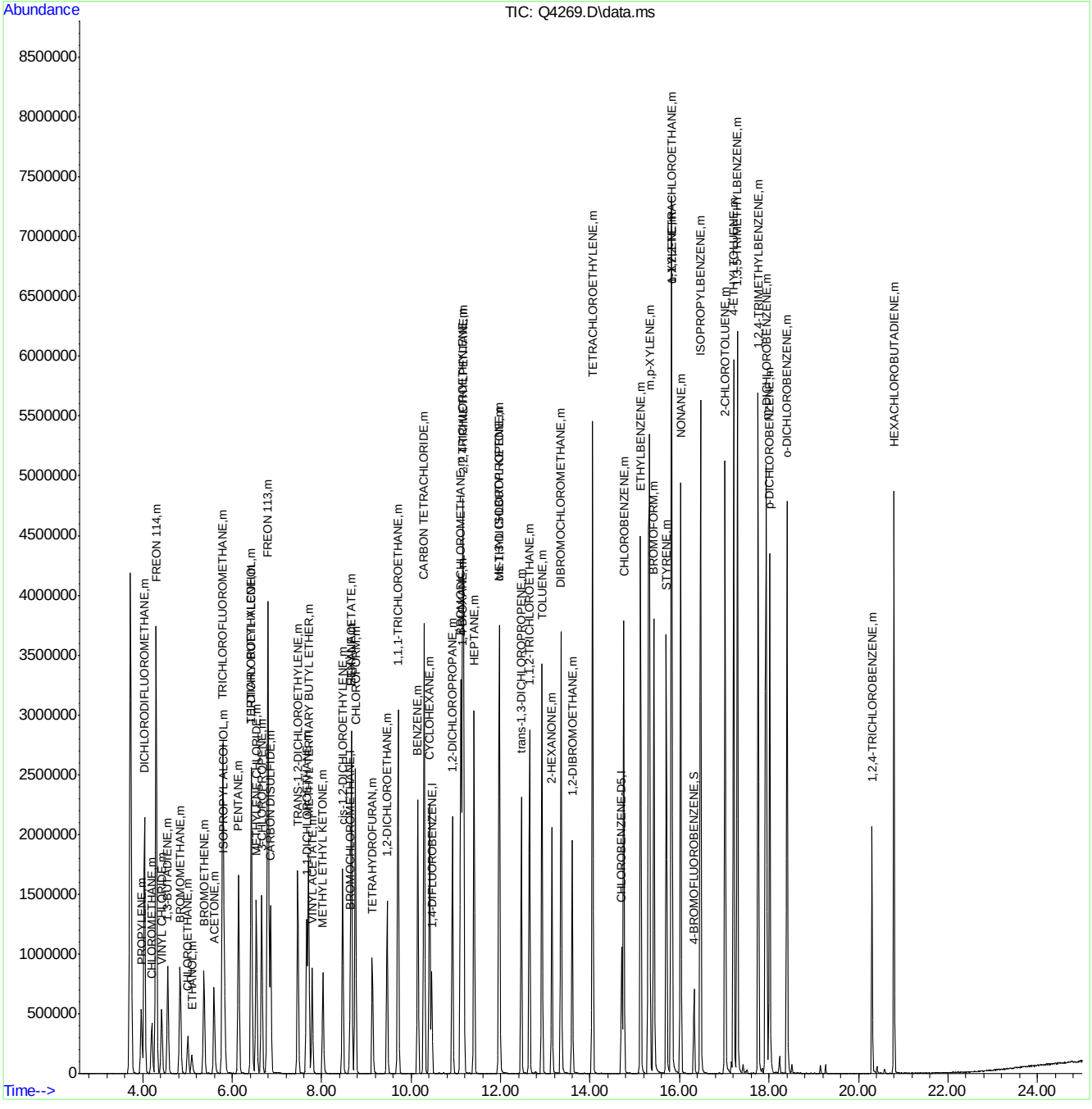
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.974	43	1420657	48.39 PPBV	96
45) cis-1,3-DICHLOROPROPENE	11.961	75	1039250	38.78 PPBV	90
46) TOLUENE	12.925	92	1260784	39.42 PPBV	100
47) trans-1,3-DICHLOROPROPENE	12.462	75	1026750	39.59 PPBV	96
48) 1,1,2-TRICHLOROETHANE	12.643	83	639329	43.64 PPBV	99
50) 2-HEXANONE	13.145	43	1221332	35.72 PPBV	94
51) TETRACHLOROETHYLENE	14.055	164	1047697	50.94 PPBV	95
52) DIBROMOCHLOROMETHANE	13.349	129	1791430	47.75 PPBV	100
53) 1,2-DIBROMOETHANE	13.601	107	1173526	49.74 PPBV	99
54) CHLOROBENZENE	14.749	112	1693461	48.01 PPBV	97
55) ETHYLBENZENE	15.129	91	3000424	40.37 PPBV	99
56) m,p-XYLENE	15.328	106	2244683	88.48 PPBV	98
57) o-XYLENE	15.827	106	1140462	50.65 PPBV	95
58) STYRENE	15.706	104	1583133	46.29 PPBV	97
59) NONANE	16.025	43	1514771	38.98 PPBV	97
60) BROMOFORM	15.424	173	1762388	54.97 PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.814	83	1749889	44.59 PPBV	99
63) ISOPROPYLBENZENE	16.469	105	3551695	57.92 PPBV	98
64) 2-CHLOROTOLUENE	17.017	91	2669117	55.13 PPBV	97
65) 4-ETHYLTOLUENE	17.209	105	3422451	32.99 PPBV	100
66) 1,3,5-TRIMETHYLBENZENE	17.293	105	3096075	32.22 PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.758	105	2908923	32.89 PPBV	97
68) m-DICHLOROBENZENE	17.940	146	1661223	33.14 PPBV	98
69) BENZYL CHLORIDE	17.919	91	2005117	Below Cal	97
70) p-DICHLOROBENZENE	18.013	146	1536217	33.07 PPBV	99
71) o-DICHLOROBENZENE	18.400	146	1609689	64.88 PPBV	99
72) HEXACHLOROBUTADIENE	20.794	225	749903	25.66 PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.303	180	497659	65.24 PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4269.D
Acq On : 13 Aug 2007 2:54 pm
Operator : danat
Sample : ic227-40 (M057)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 13 15:23:04 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 14:33:20 2007
Response via : Initial Calibration



ACCUTEST Laboratories M66975

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4273a.D
Acq On : 14 Aug 2007 8:57 am
Operator : danat
Sample : icv227-10 (M164)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 10:10:08 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 15:27:19 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.632	128	105241	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.456	114	499328	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.701	117	420236	10.00	PPBV	0.00

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.320	95	168906	5.30	PPBV	0.00

Spiked Amount 5.000 Range 57 - 139 Recovery = 106.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.037	85	637844	10.80	PPBV	99
3) PROPYLENE	3.968	41	68497	8.51	PPBV	97
4) FREON 114	4.296	85	498288	9.37	PPBV	98
5) CHLOROMETHANE	4.200	50	114047	9.22	PPBV	96
6) VINYL CHLORIDE	4.426	62	143404	10.01	PPBV	100
7) 1,3-BUTADIENE	4.559	39	124360	10.50	PPBV	98
8) BROMOMETHANE	4.832	94	151851	9.37	PPBV	99
9) CHLOROETHANE	5.008	64	66776	10.45	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.787	101	666287	10.59	PPBV	100
11) ISOPROPYL ALCOHOL	5.822	45	249176	9.09	PPBV	99
12) ACETONE	5.595	43	253507	11.73	PPBV	99
13) PENTANE	6.142	42	159046	9.44	PPBV	98
14) 1,1-DICHLOROETHYLENE	6.429	96	159439	9.91	PPBV	89
15) CARBON DISULFIDE	6.853	76	533867	10.40	PPBV	96
16) ETHANOL	5.102	45	34717	7.85	PPBV	94
17) BROMOETHENE	5.370	106	146608	9.95	PPBV #	98
18) METHYLENE CHLORIDE	6.543	84	151609	9.80	PPBV	90
19) 3-CHLOROPROPENE	6.656	39	224474	11.64	PPBV	99
20) FREON 113	6.798	151	296042	9.27	PPBV	97
21) TRANS-1,2-DICHLOROETHY...	7.466	96	173818	11.33	PPBV	96
22) TERTIARY BUTYL ALCOHOL	6.422	59	347857	10.83	PPBV	97
23) METHYL TERTIARY BUTYL ...	7.707	73	410101	10.81	PPBV	98
24) TETRAHYDROFURAN	9.138	42	98070	10.94	PPBV	98
25) HEXANE	8.664	57	178761	9.63	PPBV	95
26) VINYL ACETATE	7.782	43	325725	10.30	PPBV	98
27) 1,1-DICHLOROETHANE	7.661	63	393635	11.89	PPBV	100
28) METHYL ETHYL KETONE	8.025	43	245482	10.30	PPBV	98
29) cis-1,2-DICHLOROETHYLENE	8.468	96	135728	11.86	PPBV	96
30) ETHYL ACETATE	8.662	43	395710	10.91	PPBV #	95
31) CHLOROFORM	8.751	83	429769	11.14	PPBV	99
32) 1,1,1-TRICHLOROETHANE	9.702	97	461707	11.60	PPBV	99
33) CARBON TETRACHLORIDE	10.286	117	513207	11.02	PPBV	99
34) 1,2-DICHLOROETHANE	9.457	62	295713	12.15	PPBV	99
36) BENZENE	10.146	78	374113	11.85	PPBV	100
37) CYCLOHEXANE	10.412	84	151184	11.33	PPBV	93
38) TRICHLOROETHYLENE	11.143	95	226706	11.49	PPBV	99
39) 1,2-DICHLOROPROPANE	10.919	63	119991	10.79	PPBV	100
40) BROMODICHLOROMETHANE	11.102	83	404536	10.61	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.166	57	633465	11.59	PPBV #	95
42) 1,4-DIOXANE	11.132	88	63250	9.82	PPBV #	84
43) HEPTANE	11.402	43	212251	11.63	PPBV	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4273a.D
Acq On : 14 Aug 2007 8:57 am
Operator : danat
Sample : icv227-10 (M164)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 10:10:08 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 15:27:19 2007
Response via : Initial Calibration

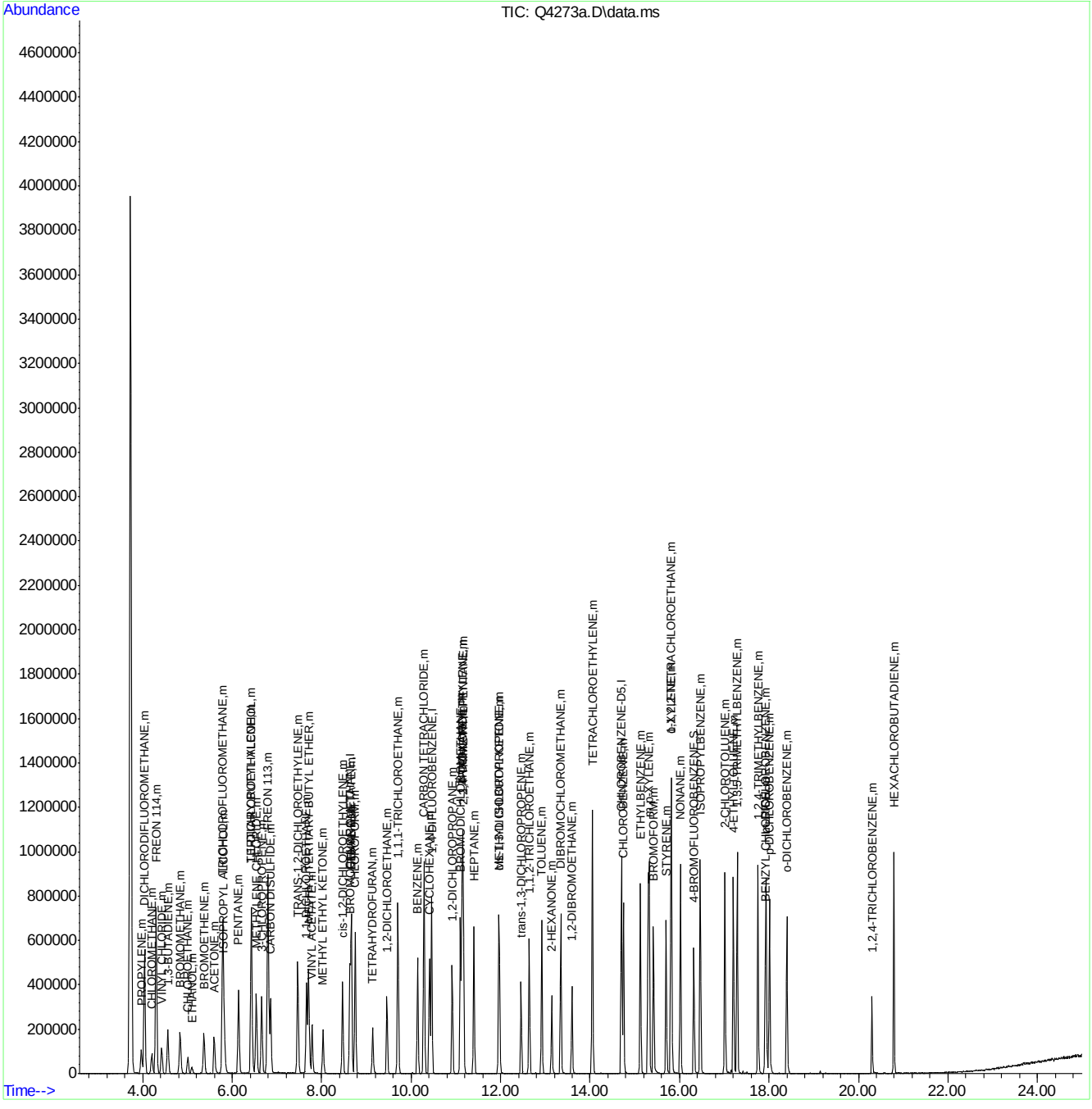
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.974	43	262072	10.43	PPBV	99
45) cis-1,3-DICHLOROPROPENE	11.958	75	214162	11.79	PPBV	94
46) TOLUENE	12.918	92	232413	10.59	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.458	75	171241	10.02	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.636	83	129459	10.29	PPBV	99
50) 2-HEXANONE	13.141	43	214963	8.82	PPBV	100
51) TETRACHLOROETHYLENE	14.052	164	197826	11.39	PPBV	98
52) DIBROMOCHLOROMETHANE	13.344	129	326447	10.39	PPBV	100
53) 1,2-DIBROMOETHANE	13.596	107	226732	11.57	PPBV	98
54) CHLOROBENZENE	14.748	112	324829	11.09	PPBV	99
55) ETHYLBENZENE	15.124	91	524686	10.13	PPBV	99
56) m,p-XYLENE	15.319	106	388832	20.09	PPBV	99
57) o-XYLENE	15.818	106	188323	9.50	PPBV	100
58) STYRENE	15.699	104	265165	10.01	PPBV	99
59) NONANE	16.022	43	290146	9.93	PPBV	99
60) BROMOFORM	15.415	173	276771	10.10	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.805	83	301121	9.09	PPBV	100
63) ISOPROPYLBENZENE	16.464	105	567655	10.65	PPBV	99
64) 2-CHLOROTOLUENE	17.012	91	442468	9.57	PPBV	98
65) 4-ETHYLTOLUENE	17.204	105	470092	8.35	PPBV	100
66) 1,3,5-TRIMETHYLBENZENE	17.286	105	491112	8.88	PPBV	99
67) 1,2,4-TRIMETHYLBENZENE	17.751	105	443977	8.87	PPBV	98
68) m-DICHLOROBENZENE	17.935	146	262514	9.45	PPBV	99
69) BENZYL CHLORIDE	17.914	91	265950	8.52	PPBV	99
70) p-DICHLOROBENZENE	18.008	146	251847	9.67	PPBV	99
71) o-DICHLOROBENZENE	18.398	146	243253	9.29	PPBV	98
72) HEXACHLOROBUTADIENE	20.792	225	144690	9.28	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.301	180	82734	9.28	PPBV	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4273a.D
Acq On : 14 Aug 2007 8:57 am
Operator : danat
Sample : icv227-10 (M164)
Misc : MS14080, MSQ227,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 10:10:08 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 15:27:19 2007
Response via : Initial Calibration



ACCUTEST Laboratories
M66975

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4295.D
Acq On : 15 Aug 2007 9:51 am
Operator : danat
Sample : cc227-10 (M164)
Misc : MS14080, MSQ228,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 15 11:46:27 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 15:27:19 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.630	128	113532	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.460	114	600004	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.701	117	509656	10.00	PPBV	0.00
System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.322	95	203611	5.26	PPBV	0.00
Spiked Amount 5.000	Range 57 - 139		Recovery = 105.20%			
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.040	85	557727	8.75	PPBV	99
3) PROPYLENE	3.964	41	97817	11.26	PPBV	96
4) FREON 114	4.299	85	520170	9.07	PPBV	96
5) CHLOROMETHANE	4.198	50	147376	11.04	PPBV	94
6) VINYL CHLORIDE	4.422	62	165720	10.72	PPBV	99
7) 1,3-BUTADIENE	4.558	39	131636	10.30	PPBV	99
8) BROMOMETHANE	4.837	94	170812	9.77	PPBV	98
9) CHLOROETHANE	5.007	64	69727	10.11	PPBV	97
10) TRICHLOROFLUOROMETHANE	5.787	101	496922	7.32	PPBV	100
11) ISOPROPYL ALCOHOL	5.826	45	228870	7.74	PPBV	99
12) ACETONE	5.598	43	239636	10.23	PPBV	96
13) PENTANE	6.143	42	179141	9.85	PPBV	89
14) 1,1-DICHLOROETHYLENE	6.426	96	162232	9.35	PPBV	93
15) CARBON DISULFIDE	6.857	76	538074	9.72	PPBV	94
16) ETHANOL	5.096	45	38925	8.18	PPBV	99
17) BROMOETHENE	5.368	106	151922	9.56	PPBV #	97
18) METHYLENE CHLORIDE	6.539	84	165718	9.93	PPBV	99
19) 3-CHLOROPROPENE	6.663	39	152078	7.31	PPBV	84
20) FREON 113	6.795	151	261039	7.58	PPBV	97
21) TRANS-1,2-DICHLOROETHY...	7.466	96	160175	9.68	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.426	59	272632	7.87	PPBV	95
23) METHYL TERTIARY BUTYL ...	7.707	73	310345	7.58	PPBV	97
24) TETRAHYDROFURAN	9.139	42	99435	10.29	PPBV	99
25) HEXANE	8.664	57	190362	9.51	PPBV	94
26) VINYL ACETATE	7.787	43	267501	7.84	PPBV	93
27) 1,1-DICHLOROETHANE	7.663	63	317640	8.89	PPBV	99
28) METHYL ETHYL KETONE	8.028	43	224773	8.74	PPBV	99
29) cis-1,2-DICHLOROETHYLENE	8.470	96	128662	10.42	PPBV	94
30) ETHYL ACETATE	8.660	43	388683	9.93	PPBV	100
31) CHLOROFORM	8.749	83	353090	8.49	PPBV	98
32) 1,1,1-TRICHLOROETHANE	9.705	97	336845	7.85	PPBV	99
33) CARBON TETRACHLORIDE	10.287	117	388161	7.73	PPBV	100
34) 1,2-DICHLOROETHANE	9.462	62	220218	8.38	PPBV	99
36) BENZENE	10.147	78	371260	9.79	PPBV	97
37) CYCLOHEXANE	10.412	84	165672	10.33	PPBV	98
38) TRICHLOROETHYLENE	11.145	95	214105	9.03	PPBV	95
39) 1,2-DICHLOROPROPANE	10.919	63	129486	9.69	PPBV	85
40) BROMODICHLOROMETHANE	11.104	83	327878	7.16	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.166	57	642383	9.79	PPBV #	93
42) 1,4-DIOXANE	11.132	88	64153	8.29	PPBV	92
43) HEPTANE	11.402	43	216996	9.89	PPBV	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4295.D
Acq On : 15 Aug 2007 9:51 am
Operator : danat
Sample : cc227-10 (M164)
Misc : MS14080, MSQ228,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 15 11:46:27 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 15:27:19 2007
Response via : Initial Calibration

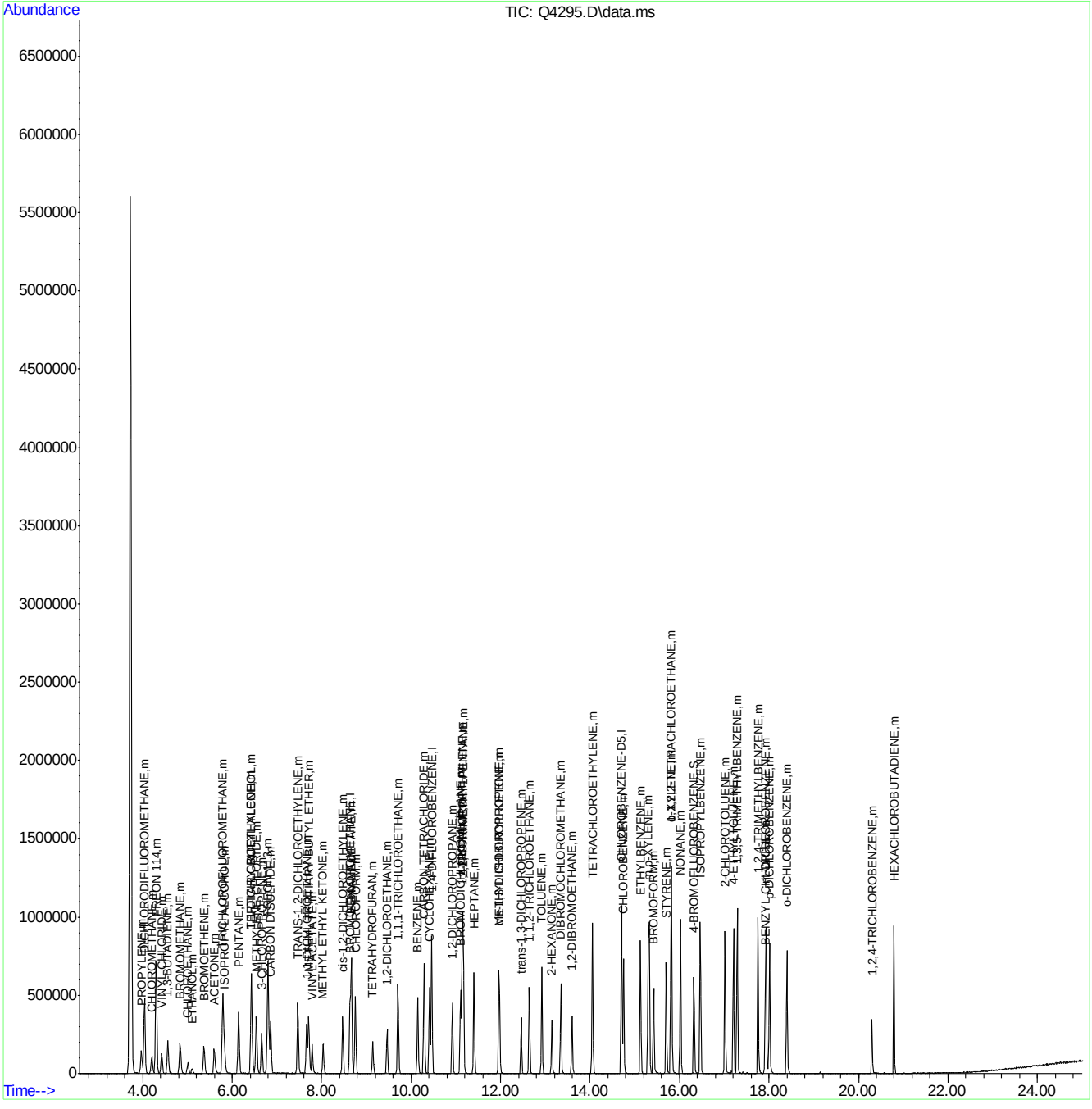
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	11.975	43	260294	8.62	PPBV	97
45) cis-1,3-DICHLOROPROPENE	11.959	75	201406	9.45	PPBV #	81
46) TOLUENE	12.919	92	241496	9.28	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.458	75	152243	7.65	PPBV	94
48) 1,1,2-TRICHLOROETHANE	12.641	83	134331	8.89	PPBV	99
50) 2-HEXANONE	13.141	43	207468	7.08	PPBV	95
51) TETRACHLOROETHYLENE	14.052	164	191059	9.07	PPBV	94
52) DIBROMOCHLOROMETHANE	13.345	129	274442	7.20	PPBV	100
53) 1,2-DIBROMOETHANE	13.596	107	223933	9.42	PPBV	99
54) CHLOROBENZENE	14.746	112	346588	9.76	PPBV	96
55) ETHYLBENZENE	15.125	91	539393	8.70	PPBV	98
56) m,p-XYLENE	15.301	106	416492	17.93	PPBV	92
57) o-XYLENE	15.819	106	206998	8.68	PPBV	93
58) STYRENE	15.702	104	288190	9.09	PPBV	94
59) NONANE	16.020	43	315034	8.94	PPBV	99
60) BROMOFORM	15.418	173	244924	7.37	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.807	83	343652	8.56	PPBV	98
63) ISOPROPYLBENZENE	16.464	105	609665	9.43	PPBV	97
64) 2-CHLOROTOLUENE	17.014	91	467417	8.45	PPBV	96
65) 4-ETHYLTOLUENE	17.204	105	522723	7.74	PPBV	99
66) 1,3,5-TRIMETHYLBENZENE	17.287	105	531416	8.00	PPBV	97
67) 1,2,4-TRIMETHYLBENZENE	17.754	105	489533	8.15	PPBV	94
68) m-DICHLOROBENZENE	17.935	146	312074	9.28	PPBV	98
69) BENZYL CHLORIDE	17.912	91	278101	7.49	PPBV	98
70) p-DICHLOROBENZENE	18.011	146	300324	9.52	PPBV	98
71) o-DICHLOROBENZENE	18.398	146	272234	8.65	PPBV	99
72) HEXACHLOROBUTADIENE	20.792	225	142464	7.78	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.301	180	85001	8.09	PPBV	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q4295.D
Acq On : 15 Aug 2007 9:51 am
Operator : danat
Sample : cc227-10 (M164)
Misc : MS14080, MSQ228,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 15 11:46:27 2007
Quant Method : C:\msdchem\1\METHODS\Q081307T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 13 15:27:19 2007
Response via : Initial Calibration



ACCUTEST Laboratories
M66975

Standard Lot #	
Calib STD 1	MSA371
Calib STD 2	MSA372
ICV	MSA375
Inter/Surr STD	MSA218
BS/BSD	MSA375

File ID	
Tune File 1	Q3977
Tune File 2	Q3984
Initial Cal.	7/16/07
ID FILE	Q071607T.M
Instrument ID	Q
ICAL:	Q3984
Column Type:	RTX-1
Sequence Verified By:	DT 7/17/07

Date:	7/16/2007
Analyst:	DANAT
Batch ID:	MSQ214
Matrix:	AIR
Approved By:	PHILIPB
Date Approved:	7/19/2007 9:55:34 AM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
Q3977	IC214-40	M211	MSA371	VTO15STD	2		1		
Q3978	IC214-20	M211	MSA371	VTO15STD	2		1		
Q3979	ICC214-10	M211	MSA371	VTO15STD	2		1		
Q3980	IC214-5	M211	MSA371	VTO15STD	2		1		
Q3981	IC214-2	M211	MSA371	VTO15STD	2		1		
Q3982	IC214-0.5	M210	MSA372	VTO15STD	1		1		
Q3983	IC214-0.2	M210	MSA372	VTO15STD	1		1		
Q3984	ICV214-10	M209	MSA375	VTO15STD	3		1		
Q3984A	CC214-10	M209	MSA375	VTO15STD	3		1		
Q3984B	BS	M209	MSA375	VTO15STD	3		1		
Q3985	BLANK	M063	NA	VTO15STD	4		1		
Q3986	MB	M063	NA	VTO15STD	4		1		
Q3986A	SCC	M063	NA	VTO15STD	4		1		
Q3987	FCB093	M195	NA	VTO15STD	5		1		
Q3988	FCB094	M175	NA	VTO15STD	6		1		
Q3989	FCB095	M205	NA	VTO15STD	7		1		
Q3990	SCC	M076	NA	VTO15STD	8		1		
Q3991	SCC	M081	NA	VTO15STD	9		1		
Q3992	SCC	M004	NA	VTO15STD	10		1		
Q3993	SCC	M088	NA	VTO15STD	11		1		
Q3994	SCC	M134	NA	VTO15STD	12		1		
Q3995	SCC	M053	NA	VTO15STD	13		1		
Q3996	SCC	M049	NA	VTO15STD	14		1		
Q3997	M66000-1R	M161	MS13951	VTO15STD	15		1		
Q3998	M66000-1RDUP	M161	MS13951	VTO15STD	15		1		
Q3999	M66190-6	M116	MS13951	VTO15STD	16		1		Re-run @ 20x , over calibration.
Q4000	M66190-7	M172	MS13951	VTO15STD	4		1		Re-run @ 5x , matrix interference. Do not report.
Q4001	M66190-8	M160	MS13951	VTO15STD	5		1		Re-run @ 20x , over calibration.

Standard Lot #	
Calib STD 1	MSA391
Calib STD 2	MSA392
ICV	MSA393 , MSA384
Inter/Surr STD	AS2265
BS/BSD	MSA384

File ID	
Tune File 1	Q4261
Tune File 2	Q4273
Initial Cal.	8/13/07
ID FILE	Q081307T.M
Instrument ID	Q
ICAL:	Q4273A
Column Type:	RTX-1
Sequence Verified By:	DT 8/15/07

Date:	8/13/2007
Analyst:	DANAT
Batch ID:	MSQ227
Matrix:	AIR
Approved By:	PHILIPB
Date Approved:	8/15/2007 5:27:08 PM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
Q4261	IC227-0.5	M072	MSA392		2		1		
Q4262	IC227-0.2	M072	MSA392	VTO15STD	2		1		
Q4263	IC227-40	M057	MSA391	VTO15STD	1		1		Re-run , int stds high.
Q4264	IC227-20	m057	MSA391	VTO15STD	1		1		
Q4265	ICC227-10	m057	MSA391	VTO15STD	1		1		
Q4266	IC227-5	m057	MSA391	VTO15STD	1		1		
Q4267	IC227-2	m057	MSA391	VTO15STD	1		1		
Q4268	IC227-40	m057	MSA391	VTO15STD	1		1		Re-run , int stds high.
Q4269	IC227-40	m057	MSA391	VTO15STD	1		1		
Q4270	ICV227-10	m099	MSA393	VTO15STD	3		1		Responses half , re-run using another std.
Q4271	ICV227-10	m164	MSA384	VTO15STD	3		1		Int stds high , re-tune and re-run.
Q4272	ICV227-10	m164	MSA384	VTO15STD	3		1		Int stds high , re-tune and re-run.
Q4273	CC227-10	m164	MSA384	VTO15STD	3		1		
Q4273a	ICV227-10	m164	MSA384	VTO15STD	3		1		
Q4273b	BS	m164	MSA384	VTO15STD	3		1		
Q4274	BLANK	m139		VTO15STD	4		1		
Q4275	MB	m139		VTO15STD	4		1		
Q4275a	SCC	m139		VTO15STD	4		1		
Q4276	SCC	m190		VTO15STD	5		1		
Q4277	M66668-1	m194	MS14080	VTO15STD	6		100		
Q4278	M66668-2	m182	MS14080	VTO15STD	7		100		
Q4279	M66668-3	m203	MS14080	VTO15STD	8		100		
Q4280	M66668-4	m192	MS14080	VTO15STD	9		1000		Re-run @ 10,000x , over calibration.
Q4281	M66668-4	m176	MS14080	VTO15STD	9		10000		
Q4282	M66761-1	m040	MS14080	VTO15STD	10		1		Re-run @ 20x , over calibration.
Q4283	M66761-1DUP	m040	MS14080	VTO15STD	10		1		
Q4284	M66761-1	m040	MS14080	VTO15STD	10		20		Re-run @ 100x , over calibration.
Q4285	M66761-2	m068	MS14080	VTO15STD	11		1		Re-run @ 20x , over calibration.
Q4286	M66761-2	m068	MS14080	VTO15STD	11		20		
Q4287	M66761-3	m149	MS14080	VTO15STD	12		1		Re-run @ 20x , over calibration.
Q4288	M66761-3	m149	MS14080	VTO15STD	12		20		Re-run @ 100x , over calibration.
Q4289	M66906-1	m022	MS14127	VTO15STD	5		1		
Q4290	M66906-2	m127	MS14127	VTO15STD	6		1		

Q4291	M66906-3	m111	MS14127	VTO15STD	7		2.25	Re-run @ 100x , over calibration.
Q4292	M66906-4	m108	MS14127	VTO15STD	8		1	Do not report, possible carry over
Q4293	BLANK	m139		VTO15STD	4		1	
Q4294	BLANK	m139		VTO15STD	4		1	

Standard Lot #	
Calib STD 1	MSA384
Calib STD 2	NA
ICV	NA
Inter/Surr STD	AS2265
BS/BSD	MSA384

File ID	
Tune File 1	Q4295
Tune File 2	NA
Initial Cal.	8/13/07
ID FILE	Q081307T.M
Instrument ID	Q
ICAL:	Q4273A
Column Type:	RTX-1
Sequence Verified By:	DT 8-16-07

Date:	8/15/2007
Analyst:	DANAT
Batch ID:	msq228
Matrix:	AIR
Approved By:	PHILIPB
Date Approved:	8/20/2007 12:11:35 PM

Data File	Sample ID	Bot #	Work Group #	Test	ALS #	Sample Vol (mls)	Diln Factor	Flow controller ID	Comment
Q4295	CC227-10	m164	MSA384	VTO15STD	3		1		
Q4295a	BS	m164	MSA384	VTO15STD	3		1		
Q4296	BLANK	m139	NA	VTO15STD	4		1		
Q4297	MB	m139	NA	VTO15STD	4		1		
Q4298	M66974-1	m049	MS14127	VTO15STD	5		1		
Q4299	M66975-1	m053	MS14127	VTO15STD	6		1		
Q4300	M66975-2	m076	MS14127	VTO15STD	7		1		
Q4301	M66975-2DUP	m076	MS14127	VTO15STD	8		1		
Q4302	M66976-1	m155	MS14127	VTO15STD	9		1		
Q4303	M66976-2	m147	MS14127	VTO15STD	10		1		
Q4304	FCB179	m185	MS14127	VTO15STD	11		1		
Q4305	M66906-4	m108	MS14127	VTO15STD	12		1		