New England ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

09/11/07

Technical Report for

GEI Consultants, Inc.

GEI Tufts Street Somerville MA

045162

Accutest Job Number: M67399

Sampling Date: 08/30/07

Report to:

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

ATTN: Raymond Siegener, Ph.D.

Total number of pages in report: **175**

ACCREDITED IN ACCORDANCE WITH nelac

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

Reza Tand
Lab Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Kristen Blanchard 508-481-6200

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

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Test results relate only to samples analyzed.

Table of Contents

-1-

Section 1: Sample Summary **3**
Section 2: Case Narrative/Conformance Summary **4**
Section 3: Sample Results **5**
3.1: M67399-1: 045162-MW118S 6
3.2: M67399-2: 045162-MW118T 7
3.3: M67399-3: 045162-MW118D 8
Section 4: Misc. Forms **9**
4.1: Chain of Custody 10
4.2: Sample Tracking Chronicle 12
4.3: Internal Chain of Custody 13
Section 5: GC/MS Volatiles - QC Data Summaries **14**
5.1: Method Blank Summary 15
5.2: Blank Spike/Blank Spike Duplicate Summary 16
5.3: Matrix Spike/Matrix Spike Duplicate Summary 17
5.4: Instrument Performance Checks (BFB) 18
5.5: Internal Standard Area Summaries 20
5.6: Surrogate Recovery Summaries 21
5.7: Initial and Continuing Calibration Summaries 22
Section 6: GC/MS Volatiles - Raw Data **37**
6.1: Samples 38
6.2: Method Blanks 50
6.3: Blank Spike/Blank Spike Duplicates 52
6.4: Matrix Spike/Matrix Spike Duplicates 64
6.5: Instrument Performance Checks (BFB) 76
6.6: Initial and Continuing Calibarations 84
6.7: Instrument Run Logs 174

Accutest Laboratories

Sample Summary

GEI Consultants, Inc.

Job No: M67399

GEI Tufts Street Somerville MA
Project No: 045162

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
M67399-1	08/30/07	15:10	TAD	08/31/07	AQ	Ground Water	045162-MW118S
M67399-2	08/30/07	13:57	TAD	08/31/07	AQ	Ground Water	045162-MW118T
M67399-3	08/30/07	12:25	TAD	08/31/07	AQ	Ground Water	045162-MW118D

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	GEI Consultants, Inc.	**Job No**	M67399
Site:	GEI Tufts Street Somerville MA	**Report Date**	9/11/2007 7:50:11 AM

3 Sample(s) were collected on 08/30/2007 and were received at Accutest on 08/31/2007 properly preserved, at 2.4 Deg. C and intact. These Samples received an Accutest job number of M67399. 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 SW846 8260B

Matrix AQ **Batch ID:** MSP736

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M67386-2MS, M67386-2MSD were used as the QC samples indicated.
- MS/MSD Recovery(s) for 1,1,1-Trichloroethane, 1,1-Dichloroethene, Trichloroethene are outside control limits. Outside control limits due to high level in sample relative to spike amount.

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(M67399).

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	045162-MW118S		
Lab Sample ID:	M67399-1	**Date Sampled:**	08/30/07
Matrix:	AQ - Ground Water	**Date Received:**	08/31/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GEI Tufts Street Somerville MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P21409.D	1	09/06/07	AMY	n/a	n/a	MSP736
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	1.0	0.21	ug/l	
75-00-3	Chloroethane	ND	2.0	0.65	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.18	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.35	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.40	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.34	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.32	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.24	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		84-129%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	100%		82-118%

ND = Not detected MDL - Method Detection Limit
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-MW118T		
Lab Sample ID:	M67399-2	**Date Sampled:**	08/30/07
Matrix:	AQ - Ground Water	**Date Received:**	08/31/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GEI Tufts Street Somerville MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P21410.D	1	09/06/07	AMY	n/a	n/a	MSP736
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	1.0	0.21	ug/l	
75-00-3	Chloroethane	ND	2.0	0.65	ug/l	
75-34-3	1,1-Dichloroethane	34.4	1.0	0.18	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.35	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.40	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethene	3.8	1.0	0.34	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.32	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	2.3	1.0	0.24	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		84-129%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	103%		82-118%

ND = Not detected MDL - Method Detection Limit
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-MW118D		
Lab Sample ID:	M67399-3	**Date Sampled:**	08/30/07
Matrix:	AQ - Ground Water	**Date Received:**	08/31/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	GEI Tufts Street Somerville MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P21411.D	1	09/06/07	AMY	n/a	n/a	MSP736
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	1.0	0.21	ug/l	
75-00-3	Chloroethane	ND	2.0	0.65	ug/l	
75-34-3	1,1-Dichloroethane	21.4	1.0	0.18	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.35	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.40	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethene	8.4	1.0	0.34	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.32	ug/l	
79-01-6	Trichloroethene	3.9	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	2.4	1.0	0.24	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		84-129%
2037-26-5	Toluene-D8	103%		80-120%
460-00-4	4-Bromofluorobenzene	99%		82-118%

ND = Not detected MDL - Method Detection Limit
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
- Sample Tracking Chronicle
- Internal Chain of Custody

Chain-of-Custody Record

Laboratory: Accutest

Laboratory Job # (Lab use only) M67399

Page _1 of _2

GEI Consultants
1021 Main Street
Winchester, MA 01890
PH: 781.721.4000
FX: 781.721.4073

Project Information

Project Name: Tufts Street
Project Number: 045162
Project Location: Somerville, MA
Project Manager: Mark Ensign

Send Report to: Ray Siegener
Send EDD to: labdata@geiconsultants.com

Preservative: HCl

Analysis: See attached list

Sample Handling
Samples Field Filtered: YES (NO) NA
Sampled Shipped With Ice: YES NO

MCP PRESUMPTIVE CERTAINTY REQUIRED – (YES) NO

If Yes, Are MCP Analytical Methods Required? (YES) NO NA
If Yes, Are Drinking Water Samples Submitted? YES (NO) NA
If Yes, Have You Met Minimum Field QC Requirements? (YES) NO NA

Lab Sample Number	GEI Sample ID	Collection Date	Collection Time	Matrix	No. of Bottles	Sampler(s) Initials	Sample Specific Remarks
-1	045162-MW118S	8/30/2007	1510	gw	2	TAD	
-2	045162-MW118T	8/30/2007	1357	gw	2	TAD	
-3	045162-MW118D	8/30/2007	1225	gw	2	TAD	

MCP Level Needed: GEI requires the most stringent Method 1 MCP standard be met for all analytes whenever possible.

Relinquished by sampler: (signature)	Date:	Time:	Received by: (signature)
1. Tom Doyle	8/30/07	~~1540~~ 1630	1. GEI Sample Fridge
Relinquished by: (signature) GEI Fridge / Ray Siegener	8/31/07	10:05	2. William Akiller
3. William Akiller	8/31/07	10:55am	3. William Akiller
Relinquished by: (signature) 4.	Date:	Time:	Received by: (signature) 4.

Turnaround Time (Business days):
Normal ____ Other ____
10-Day ____ 7-Day ____
5-Day ____ 3-Day X ~~3~~ RUSH

Before submitting rush turnaround samples, you **must** notify the laboratory to confirm that the TAT can be achieved.

Additional Requirements/Comments/Remarks:
Please note RUSH Turn Around
Temp 2.4°C
1D3

8/30/2007
T:\FIELD FORMS\Chain of Custody_MCP 2006

M67399: Chain of Custody
Page 1 of 2

Substab

~~Indoor~~ Air Sampling Analyte List

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

Internal Sample Tracking Chronicle

GEI Consultants, Inc.

Job No: M67399

GEI Tufts Street Somerville MA
Project No: 045162

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M67399-1	Collected: 30-AUG-07 15:10 By: TAD		Received: 31-AUG-07 By: RS			
045162-MW118S						
M67399-1	SW846 8260B	06-SEP-07 13:55	AMY			V8260SL
M67399-2	Collected: 30-AUG-07 13:57 By: TAD		Received: 31-AUG-07 By: RS			
045162-MW118T						
M67399-2	SW846 8260B	06-SEP-07 14:23	AMY			V8260SL
M67399-3	Collected: 30-AUG-07 12:25 By: TAD		Received: 31-AUG-07 By: RS			
045162-MW118D						
M67399-3	SW846 8260B	06-SEP-07 14:51	AMY			V8260SL

Accutest Internal Chain of Custody

Job Number: M67399
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA
Received: 08/31/07

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
M67399-1.1	VOC Ref #1	Amy Min Yang	09/06/07 12:48	Retrieve from Storage
M67399-1.1	Amy Min Yang	GCMSP	09/06/07 12:48	Load on Instrument
M67399-1.1	GCMSP	Amy Min Yang	09/07/07 11:58	Unload from Instrument
M67399-1.1	Amy Min Yang	VOC Ref #1	09/07/07 11:59	Return to Storage
M67399-2.1	VOC Ref #1	Amy Min Yang	09/06/07 12:48	Retrieve from Storage
M67399-2.1	Amy Min Yang	GCMSP	09/06/07 12:48	Load on Instrument
M67399-2.1	GCMSP	Amy Min Yang	09/07/07 11:58	Unload from Instrument
M67399-2.1	Amy Min Yang	VOC Ref #1	09/07/07 11:59	Return to Storage
M67399-3.1	VOC Ref #1	Amy Min Yang	09/06/07 12:48	Retrieve from Storage
M67399-3.1	Amy Min Yang	GCMSP	09/06/07 12:48	Load on Instrument
M67399-3.1	GCMSP	Amy Min Yang	09/07/07 11:58	Unload from Instrument
M67399-3.1	Amy Min Yang	VOC Ref #1	09/07/07 11:59	Return to Storage

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
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries

Method Blank Summary

Job Number: M67399
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP736-MB	P21408.D	1	09/06/07	AMY	n/a	n/a	MSP736

The QC reported here applies to the following samples: **Method:** SW846 8260B

M67399-1, M67399-2, M67399-3

CAS No.	Compound	Result	RL	MDL	Units	Q
56-23-5	Carbon tetrachloride	ND	1.0	0.21	ug/l	
75-00-3	Chloroethane	ND	2.0	0.65	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.18	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.35	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.40	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.34	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.21	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.32	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.24	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	84-129%
2037-26-5	Toluene-D8	99%	80-120%
460-00-4	4-Bromofluorobenzene	97%	82-118%

Blank Spike/Blank Spike Duplicate Summary

Job Number: M67399
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP736-BS	P21405.D	1	09/06/07	AMY	n/a	n/a	MSP736
MSP736-BSD	P21406.D	1	09/06/07	AMY	n/a	n/a	MSP736

The QC reported here applies to the following samples: **Method:** SW846 8260B

M67399-1, M67399-2, M67399-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
56-23-5	Carbon tetrachloride	50	43.7	87	40.7	81	7	70-143/25
75-00-3	Chloroethane	50	58.5	117	51.8	104	12	51-151/25
75-34-3	1,1-Dichloroethane	50	48.8	98	47.0	94	4	73-126/25
107-06-2	1,2-Dichloroethane	50	49.8	100	47.2	94	5	65-137/25
75-35-4	1,1-Dichloroethene	50	59.0	118	51.7	103	13	64-128/25
156-59-2	cis-1,2-Dichloroethene	50	48.2	96	44.1	88	9	73-122/25
156-60-5	trans-1,2-Dichloroethene	50	59.2	118	47.8	96	21	71-123/25
79-34-5	1,1,2,2-Tetrachloroethane	50	50.2	100	52.9	106	5	64-142/25
127-18-4	Tetrachloroethene	50	52.4	105	49.8	100	5	64-130/25
71-55-6	1,1,1-Trichloroethane	50	45.9	92	42.8	86	7	72-130/25
79-00-5	1,1,2-Trichloroethane	50	47.3	95	47.2	94	0	80-120/25
79-01-6	Trichloroethene	50	46.5	93	45.7	91	2	70-129/25
75-01-4	Vinyl chloride	50	58.1	116	50.5	101	14	46-150/25

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	104%	99%	84-129%
2037-26-5	Toluene-D8	100%	101%	80-120%
460-00-4	4-Bromofluorobenzene	99%	100%	82-118%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: M67399
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M67386-2MS	P21420.D	5	09/06/07	AMY	n/a	n/a	MSP736
M67386-2MSD	P21421.D	5	09/06/07	AMY	n/a	n/a	MSP736
M67386-2	P21419.D	1	09/06/07	AMY	n/a	n/a	MSP736

The QC reported here applies to the following samples: **Method:** SW846 8260B

M67399-1, M67399-2, M67399-3

CAS No.	Compound	M67386-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
56-23-5	Carbon tetrachloride	ND		250	250	100	241	96	4	60-153/30
75-00-3	Chloroethane	ND		250	291	116	288	115	1	50-161/30
75-34-3	1,1-Dichloroethane	14.1		250	270	102	257	97	5	70-130/30
107-06-2	1,2-Dichloroethane	ND		250	251	100	236	94	6	61-147/30
75-35-4	1,1-Dichloroethene	1630	E	250	1590	-16* [a]	1490	-56* [a]	6	60-136/30
156-59-2	cis-1,2-Dichloroethene	59.6		250	271	85	281	89	4	70-130/30
156-60-5	trans-1,2-Dichloroethene	2.0		250	255	101	244	97	4	70-127/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		250	250	100	247	99	1	63-145/30
127-18-4	Tetrachloroethene	22.2		250	265	97	263	96	1	58-133/30
71-55-6	1,1,1-Trichloroethane	3370	E	250	2930	-176* [a]	2690	-272* [a]	9	70-142/30
79-00-5	1,1,2-Trichloroethane	4.6		250	235	92	218	85	8	78-124/30
79-01-6	Trichloroethene	516	E	250	671	62* [a]	620	42* [a]	8	65-130/30
75-01-4	Vinyl chloride	2.7		250	278	110	256	101	8	40-150/30

CAS No.	Surrogate Recoveries	MS	MSD	M67386-2	Limits
1868-53-7	Dibromofluoromethane	102%	100%	106%	84-129%
2037-26-5	Toluene-D8	101%	97%	99%	80-120%
460-00-4	4-Bromofluorobenzene	95%	99%	97%	82-118%

(a) Outside control limits due to high level in sample relative to spike amount.

Instrument Performance Check (BFB)

Job Number: M67399
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSP733-BFB
Lab File ID: P21336.D
Instrument ID: GCMSP
Injection Date: 09/05/07
Injection Time: 01:47

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	13654	25.1		Pass
75	30.0 - 60.0% of mass 95	32601	59.9		Pass
95	Base peak, 100% relative abundance	54460	100.0		Pass
96	5.0 - 9.0% of mass 95	3946	7.2		Pass
173	Less than 2.0% of mass 174	277	0.51	(0.78) [a]	Pass
174	50.0 - 100.0% of mass 95	35496	65.2		Pass
175	5.0 - 9.0% of mass 174	2880	5.3	(8.1) [a]	Pass
176	95.0 - 101.0% of mass 174	35280	64.8	(99.4) [a]	Pass
177	5.0 - 9.0% of mass 176	2465	4.5	(7.0) [b]	Pass

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

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSP733-IC733	P21337.D	09/05/07	02:15	00:28	Initial cal 0.5
MSP733-IC733	P21338.D	09/05/07	02:43	00:56	Initial cal 1
MSP733-IC733	P21339.D	09/05/07	03:11	01:24	Initial cal 2
MSP733-IC733	P21340.D	09/05/07	03:39	01:52	Initial cal 5
MSP733-IC733	P21341.D	09/05/07	04:07	02:20	Initial cal 25
MSP733-IC733	P21342.D	09/05/07	04:35	02:48	Initial cal 400
MSP733-IC733	P21343.D	09/05/07	05:03	03:16	Initial cal 300
MSP733-IC733	P21344.D	09/05/07	05:31	03:44	Initial cal 200
MSP733-ICC733	P21345.D	09/05/07	05:59	04:12	Initial cal 100
MSP733-IC733	P21346.D	09/05/07	06:27	04:40	Initial cal 50
MSP733-ICV733	P21347.D	09/05/07	06:56	05:09	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: M67399
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSP736-BFB
Lab File ID: P21404.D
Instrument ID: GCMSP
Injection Date: 09/06/07
Injection Time: 11:35

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	40251	23.8		Pass
75	30.0 - 60.0% of mass 95	70496	41.8		Pass
95	Base peak, 100% relative abundance	168838	100.0		Pass
96	5.0 - 9.0% of mass 95	8707	5.2		Pass
173	Less than 2.0% of mass 174	1716	1.0	(1.4) [a]	Pass
174	50.0 - 100.0% of mass 95	124737	73.9		Pass
175	5.0 - 9.0% of mass 174	9739	5.8	(7.8) [a]	Pass
176	95.0 - 101.0% of mass 174	122454	72.5	(98.2) [a]	Pass
177	5.0 - 9.0% of mass 176	6376	3.8	(5.2) [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
MSP736-CC733	P21404.D	09/06/07	11:35	00:00	Continuing cal 100
MSP736-BS	P21405.D	09/06/07	12:03	00:28	Blank Spike
MSP736-BSD	P21406.D	09/06/07	12:31	00:56	Blank Spike Duplicate
MSP736-MB	P21408.D	09/06/07	13:27	01:52	Method Blank
M67399-1	P21409.D	09/06/07	13:55	02:20	045162-MW118S
M67399-2	P21410.D	09/06/07	14:23	02:48	045162-MW118T
M67399-3	P21411.D	09/06/07	14:51	03:16	045162-MW118D
ZZZZZZ	P21412.D	09/06/07	15:19	03:44	(unrelated sample)
ZZZZZZ	P21413.D	09/06/07	15:48	04:13	(unrelated sample)
ZZZZZZ	P21414.D	09/06/07	16:17	04:42	(unrelated sample)
ZZZZZZ	P21415.D	09/06/07	16:47	05:12	(unrelated sample)
ZZZZZZ	P21417.D	09/06/07	17:44	06:09	(unrelated sample)
ZZZZZZ	P21418.D	09/06/07	18:13	06:38	(unrelated sample)
M67386-2	P21419.D	09/06/07	18:42	07:07	(used for QC only; not part of job M67399)
M67386-2MS	P21420.D	09/06/07	19:11	07:36	Matrix Spike
M67386-2MSD	P21421.D	09/06/07	19:40	08:05	Matrix Spike Duplicate
ZZZZZZ	P21422.D	09/06/07	20:09	08:34	(unrelated sample)
ZZZZZZ	P21423.D	09/06/07	20:37	09:02	(unrelated sample)
ZZZZZZ	P21424.D	09/06/07	21:05	09:30	(unrelated sample)
ZZZZZZ	P21426.D	09/06/07	22:01	10:26	(unrelated sample)
ZZZZZZ	P21427.D	09/06/07	22:29	10:54	(unrelated sample)
ZZZZZZ	P21428.D	09/06/07	22:58	11:23	(unrelated sample)
ZZZZZZ	P21429.D	09/06/07	23:26	11:51	(unrelated sample)

Volatile Internal Standard Area Summary

Job Number: M67399
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Check Std:	MSP736-CC733	**Injection Date:**	09/06/07
Lab File ID:	P21404.D	**Injection Time:**	11:35
Instrument ID:	GCMSP	**Method:**	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	128173	9.00	196869	9.87	148118	13.12	95361	15.68	188929	6.56
Upper Limit [a]	256346	9.50	393738	10.37	296236	13.62	190722	16.18	377858	7.06
Lower Limit [b]	64087	8.50	98435	9.37	74059	12.62	47681	15.18	94465	6.06

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
MSP736-BS	119488	9.00	190965	9.87	145130	13.12	92813	15.68	184529	6.57
MSP736-BSD	125221	9.00	190631	9.87	141734	13.12	90627	15.68	190727	6.57
MSP736-MB	119859	9.00	188625	9.87	134537	13.13	89059	15.68	174452	6.57
M67399-1	115335	9.00	185366	9.87	129636	13.12	83861	15.69	167529	6.57
M67399-2	113302	9.00	177045	9.87	128453	13.12	79702	15.68	166207	6.57
M67399-3	113325	9.00	174199	9.87	129266	13.13	80721	15.69	166130	6.57
ZZZZZZ	117107	9.00	173413	9.87	126681	13.12	82681	15.68	165535	6.57
ZZZZZZ	114571	9.00	174235	9.87	127880	13.12	81659	15.69	177846	6.57
ZZZZZZ	111134	9.00	167804	9.87	124060	13.12	80590	15.69	171413	6.58
ZZZZZZ	114078	9.00	170221	9.87	129322	13.12	85828	15.68	189389	6.57
ZZZZZZ	111249	9.00	172428	9.87	124625	13.12	83458	15.69	178632	6.57
ZZZZZZ	117128	9.00	167911	9.87	122869	13.13	84371	15.69	182829	6.57
M67386-2	109927	9.00	174007	9.87	125344	13.13	80931	15.69	166703	6.57
M67386-2MS	110702	9.00	169984	9.87	132830	13.12	86457	15.68	156151	6.56
M67386-2MSD	117242	9.00	181278	9.87	136039	13.12	88034	15.68	174633	6.57
ZZZZZZ	113965	9.00	179907	9.87	131661	13.12	81621	15.68	178072	6.57
ZZZZZZ	112492	9.00	173780	9.87	124084	13.13	83492	15.69	156122	6.57
ZZZZZZ	112016	9.00	165122	9.87	123424	13.12	79528	15.69	159358	6.57
ZZZZZZ	114316	9.00	172360	9.87	126417	13.12	87709	15.68	166867	6.57
ZZZZZZ	119194	9.00	184234	9.87	139138	13.12	90760	15.69	180944	6.57
ZZZZZZ	124546	9.00	189579	9.87	132263	13.12	94878	15.68	198970	6.57
ZZZZZZ	119923	9.00	185362	9.87	141009	13.12	93785	15.68	194517	6.57

IS 1 = Pentafluorobenzene
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5
IS 4 = 1,4-Dichlorobenzene-d4
IS 5 = Tert Butyl Alcohol-D9

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Volatile Surrogate Recovery Summary

Job Number: M67399
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Method: SW846 8260B **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
M67399-1	P21409.D	100.0	98.0	100.0
M67399-2	P21410.D	98.0	100.0	103.0
M67399-3	P21411.D	98.0	103.0	99.0
M67386-2MS	P21420.D	102.0	101.0	95.0
M67386-2MSD	P21421.D	100.0	97.0	99.0
MSP736-BS	P21405.D	104.0	100.0	99.0
MSP736-BSD	P21406.D	99.0	101.0	100.0
MSP736-MB	P21408.D	99.0	99.0	97.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	84-129%
S2 = Toluene-D8	80-120%
S3 = 4-Bromofluorobenzene	82-118%

Initial Calibration Summary

Job Number: M67399
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSP733-ICC733
Lab FileID: P21345.D


```
                         Response Factor Report  Instrument #1

Method       : C:\msdchem\1\METHODS\P090407w.M (RTE Integrator)
Title        : SW-846 Method 8260
Last Update  : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

Calibration Files
1ppb=p21338.D    2   =p21339.D    5   =p21340.D    50  =p21346.D
100 =p21345.D    200 =p21344.D    400 =p21342.D    0.5 =p21337.D
25  =p21341.D    300 =p21343.D        =                =

Compound
            1ppb  2     5     50    100   200   400   0.5   25    300    Avg    %RSD
-------------------------------------------------------------------------------

1)     tert butyl alcohol-d9 ----------------ISTD---------------------
2)  tertiary butyl alcohol
                      1.421 1.188 1.202 1.235 1.260       1.187 1.219  1.244    6.61

3) I   pentafluorobenzene    ----------------ISTD---------------------
4)  Ethanol
                 0.027 0.013 0.014 0.015 0.014 0.013       0.013 0.014  0.016   30.98
           ---- Linear regression ----  Coefficient =  0.9982
             Response Ratio = 0.08973 + 0.01363 *A

5)  dichlorodifluoromethane
          0.618 0.783 0.556 0.512 0.552 0.552 0.525       0.562 0.577  0.582   13.94
6)  chloromethane
          0.405 0.489 0.301 0.298 0.288 0.386 0.396       0.279 0.441  0.365   20.76
           ---- Linear regression ----  Coefficient =  0.9909
             Response Ratio = -0.05988 + 0.41384 *A

7)  vinyl chloride
          1.058 0.887 0.533 0.430 0.467 0.489 0.476       0.470 0.507  0.591   37.63#
           ---- Linear regression ----  Coefficient =  0.9983
             Response Ratio = -0.00338 + 0.48715 *A

8)  bromomethane
          0.511 0.450 0.251 0.194 0.210 0.236 0.214       0.185 0.227  0.275   43.17
           ---- Linear regression ----  Coefficient =  0.9972
             Response Ratio = 0.00050 + 0.22050 *A

9)  chloroethane
          0.289 0.402 0.297 0.245 0.231 0.261 0.239       0.275 0.240  0.275   19.17
           ---- Linear regression ----  Coefficient =  0.9984
             Response Ratio = 0.00958 + 0.24041 *A

10)  ethyl ether
                      0.612 0.500 0.551 0.525 0.500       0.475 0.535  0.528    8.47
11)  acetonitrile
                      0.621 0.448 0.405 0.314 0.238       0.557 0.254  0.405   36.34
           ---- Quadratic regression ----  Coefficient =  0.9924
             Response Ratio = 0.09086 + 0.35684 *A + -0.01696 *A^2

12)  trichlorofluoromethane
          1.198 1.701 1.271 1.023 1.038 1.120 1.145       1.140 1.140  1.197   16.97
           ---- Linear regression ----  Coefficient =  0.9994
             Response Ratio = -0.04468 + 1.14359 *A
```

Initial Calibration Summary

Job Number: M67399 **Sample:** MSP733-ICC733
Account: GEI GEI Consultants, Inc. **Lab FileID:** P21345.D
Project: GEI Tufts Street Somerville MA

```
13)  freon-113
          0.568 0.613 0.605 0.507 0.514 0.525 0.524       0.548 0.534  0.549    7.09
14)  acrolein
                      0.207 0.218 0.224 0.222 0.204       0.186 0.221  0.212    6.53
15)  1,1-dichloroethene
          1.061 1.263 0.803 0.506 0.511 0.502 0.461       0.567 0.487  0.685   42.86#
           ---- Linear regression ----  Coefficient =  0.9983
             Response Ratio = 0.05092 + 0.46757 *A

16)  acetone
                      0.943 0.582 0.622 0.577 0.564       0.659 0.588  0.648   20.72
           ---- Linear regression ----  Coefficient =  0.9991
             Response Ratio = 0.05496 + 0.56541 *A

17)  Methyl Acetate
                      1.366 1.446 1.503 1.438 1.415       1.287 1.473  1.418    5.08
18)  methylene chloride
                1.409 0.726 0.572 0.591 0.577 0.581       0.584 0.580  0.702   41.29
           ---- Linear regression ----  Coefficient =  0.9999
             Response Ratio = 0.01176 + 0.57836 *A

19)  methyl tert butyl ether
          2.274 2.894 1.572 1.582 1.798 1.871 1.894       1.409 2.001  1.922   23.24
           ---- Linear regression ----  Coefficient =  0.9982
             Response Ratio = -0.12821 + 1.93896 *A

20)  acrylonitrile
          0.273 0.454 0.360 0.330 0.373 0.350 0.337       0.313 0.355  0.350   14.03
21)  allyl chloride
                0.637 0.445 0.628 0.597 0.552 0.478       0.552 0.507  0.550   12.68
22)  trans-1,2-dichloroethene
          0.678 1.030 0.591 0.477 0.481 0.516 0.496       0.469 0.515  0.584   30.90
           ---- Linear regression ----  Coefficient =  0.9992
             Response Ratio = 0.00053 + 0.50325 *A

23)  iodomethane
                      0.108 0.192 0.220 0.237 0.199       0.114 0.230  0.186   28.82
           ---- Quadratic regression ----  Coefficient =  0.9964
             Response Ratio = -0.07239 + 0.29862 *A + -0.01091 *A^2

24)  carbon disulfide
          1.939 2.035 1.633 1.479 1.508 1.560 1.466       1.438 1.522  1.620   13.40
25)  propionitrile
                      0.140 0.152 0.163 0.166 0.153       0.125 0.160  0.151    9.45
26)  vinyl acetate
                      0.137 0.499 0.441 0.465 0.519       0.166 0.574  0.400   43.81
           ---- Linear regression ----  Coefficient =  0.9905
             Response Ratio = -0.12661 + 0.54706 *A

27)  chloroprene
          1.164 1.366 0.948 0.967 1.025 1.053 1.064       0.925 1.073  1.065   12.64
28)  di-isopropyl ether
          1.789 3.161 1.959 1.872 1.987 1.968 1.892       1.856 1.979  2.052   20.55
           ---- Linear regression ----  Coefficient =  0.9992
             Response Ratio = 0.03753 + 1.92431 *A

29)  methacrylonitrile
                      0.625 0.631 0.686 0.677 0.644       0.632 0.667  0.652    3.81
30)  2-butanone
                      0.181 0.152 0.153 0.156 0.148       0.136 0.157  0.155    8.79
```

Initial Calibration Summary

Job Number: M67399 **Sample:** MSP733-ICC733
Account: GEI GEI Consultants, Inc. **Lab FileID:** P21345.D
Project: GEI Tufts Street Somerville MA

```
31)  Hexane
           1.140 1.310 1.024 0.870 0.915 0.921 0.916       0.955 0.926  0.997   14.22
32)  1,1-dichloroethane
           1.278 1.719 1.069 1.111 1.198 1.179 1.166       1.048 1.187  1.217   16.50
            ---- Linear regression ----  Coefficient =  0.9998
              Response Ratio = -0.00723 + 1.17555 *A

33)  tert-butyl ethyl ether
                 1.060 0.413 0.599 0.834 1.119 1.335       0.445 1.355  0.895   42.42
            ---- Quadratic regression ----  Coefficient =  0.9947
              Response Ratio = -0.22645 + 1.00128 *A + 0.04950 *A^2

34)  isobutyl alcohol
                       0.019 0.070 0.079 0.091 0.096       0.065 0.096  0.074   36.83
            ---- Linear regression ----  Coefficient =  0.9987
              Response Ratio = -0.11037 + 0.09829 *A

35)  2,2-dichloropropane
                       0.045 0.115 0.266 0.472 0.636       0.043 0.627  0.315   83.40
            ---- Quadratic regression ----  Coefficient =  0.9919
              Response Ratio = -0.20743 + 0.39598 *A + 0.03555 *A^2

36)  cis-1,2-dichloroethene
           0.973 1.146 0.661 0.561 0.614 0.597 0.583       0.604 0.610  0.705   29.37
            ---- Linear regression ----  Coefficient =  0.9992
              Response Ratio = 0.01410 + 0.59109 *A

37)  bromochloromethane
           0.319 0.478 0.293 0.217 0.229 0.227 0.220       0.231 0.232  0.272   31.31
            ---- Linear regression ----  Coefficient =  0.9991
              Response Ratio = 0.00693 + 0.22370 *A

38)  chloroform
           1.697 2.454 1.585 1.349 1.435 1.450 1.436       1.381 1.475  1.585   21.63
39)  dibromofluoromethane (s)
           0.538 0.560 0.570 0.544 0.571 0.566 0.565 0.564 0.558 0.552  0.559    1.96
40)  Tetrahydrofuran
                       0.338 0.295 0.341 0.334 0.304       0.284 0.326  0.317    7.17
41)  1,1,1-trichloroethane
           0.378 0.679 0.566 0.919 1.049 1.175 1.314       0.751 1.272  0.900   36.48
            ---- Linear regression ----  Coefficient =  0.9967
              Response Ratio = -0.23023 + 1.31132 *A


42) I   1,4-difluorobenzene   ----------------ISTD---------------------
43)  Cyclohexane
                 0.667 0.506 0.475 0.448 0.487 0.502       0.432 0.466  0.498   14.65
44)  carbon tetrachloride
                 0.703 0.521 0.554 0.558 0.628 0.719       0.559 0.638  0.610   12.07
45)  1,1-dichloropropene
           0.748 0.904 0.651 0.600 0.579 0.618 0.661       0.572 0.606  0.660   16.08
            ---- Linear regression ----  Coefficient =  0.9971
              Response Ratio = -0.04108 + 0.64300 *A

46)  benzene
           2.158 2.446 1.591 1.541 1.464 1.524 1.601 2.001 1.459 1.517  1.730   19.95
            ---- Linear regression ----  Coefficient =  0.9988
              Response Ratio = -0.04816 + 1.56935 *A

47)  1,2-dichloroethane
```

Initial Calibration Summary

Job Number: M67399 **Sample:** MSP733-ICC733
Account: GEI GEI Consultants, Inc. **Lab FileID:** P21345.D
Project: GEI Tufts Street Somerville MA

```
          1.258 1.601 1.158 0.975 0.950 0.970 1.024       0.983 0.947  1.096   19.80
           ---- Linear regression ----  Coefficient =  0.9978
             Response Ratio = -0.02770 + 0.99616 *A

48)  tert-amyl methyl ether
                1.058 0.594 0.574 0.644 0.762 0.943       0.489 0.863  0.741   26.97
           ---- Quadratic regression ----  Coefficient =  0.9998
             Response Ratio = -0.02547 + 0.58400 *A + 0.04577 *A^2

49)  heptane
          0.342 0.385 0.283 0.293 0.285 0.294 0.322       0.320 0.295  0.313   10.69
50)  trichloroethene
          0.690 0.645 0.502 0.463 0.454 0.483 0.507       0.470 0.462  0.520   16.63
           ---- Linear regression ----  Coefficient =  0.9970
             Response Ratio = -0.02347 + 0.49267 *A

51)  1,2-dichloropropane
          0.420 0.517 0.401 0.368 0.369 0.380 0.388       0.337 0.371  0.394   13.03
52)  dibromomethane
          0.380 0.587 0.287 0.306 0.295 0.300 0.290       0.286 0.278  0.334   29.72
           ---- Linear regression ----  Coefficient =  0.9989
             Response Ratio = 0.00898 + 0.28666 *A

53)  bromodichloromethane
          0.676 1.091 0.805 0.787 0.759 0.779 0.857       0.732 0.783  0.808   14.52
54)  Methylcyclohexane
          0.431 0.584 0.548 0.434 0.457 0.483 0.514       0.462 0.478  0.488   10.59
55)  2-chloroethyl vinyl ether
                      0.019 0.014 0.013 0.014 0.029       0.014 0.019  0.017   33.79
           ---- Quadratic regression ----  Coefficient =  0.9933
             Response Ratio = 0.00962 + -0.00468 *A + 0.00402 *A^2

56)  methyl methacrylate
                      0.326 0.408 0.400 0.417 0.442       0.318 0.418  0.390   12.37
57)  1,4-dioxane
                      0.015 0.010 0.011 0.010 0.011       0.009 0.010  0.011   17.55
           ---- Linear regression ----  Coefficient =  0.9990
             Response Ratio = -0.00051 + 0.01045 *A

58)  cis-1,3-dichloropropene
          0.313 0.485 0.262 0.549 0.541 0.621 0.670 0.205 0.349 0.632  0.463   36.23
           ---- Linear regression ----  Coefficient =  0.9973
             Response Ratio = -0.08316 + 0.66097 *A

59)  toluene-d8 (s)
          1.365 1.376 1.320 1.385 1.369 1.383 1.409 1.273 1.304 1.300  1.348    3.35
60)  4-methyl-2-pentanone
                      0.705 0.748 0.760 0.778 0.799       0.691 0.753  0.748    5.12
61)  toluene
          1.427 1.663 1.032 0.936 0.895 0.943 1.007       0.936 0.936  1.086   24.86
62)  trans-1,3-dichloropropene
          0.290 0.476 0.283 0.526 0.543 0.621 0.683 0.461 0.355 0.648  0.489   29.39
           ---- Linear regression ----  Coefficient =  0.9968
             Response Ratio = -0.09325 + 0.67458 *A

63)  1,1,2-trichloroethane
          0.331 0.564 0.360 0.349 0.331 0.329 0.359       0.321 0.336  0.364   20.91
           ---- Linear regression ----  Coefficient =  0.9978
             Response Ratio = -0.01525 + 0.34968 *A
```

Initial Calibration Summary

Job Number: M67399 **Sample:** MSP733-ICC733
Account: GEI GEI Consultants, Inc. **Lab FileID:** P21345.D
Project: GEI Tufts Street Somerville MA

```
64)  ethyl methacrylate
                      0.461 0.617 0.635 0.688 0.740       0.487 0.704  0.619   17.37
            ---- Linear regression ----  Coefficient =  0.9984
              Response Ratio = -0.13457 + 0.74147 *A


65) I   chlorobenzene-d5      ----------------ISTD---------------------
66)  tetrachloroethene
           0.431 0.680 0.487 0.429 0.420 0.460 0.453       0.417 0.438  0.468   17.58
            ---- Linear regression ----  Coefficient =  0.9992
              Response Ratio = -0.00993 + 0.44970 *A

67)  1,3-dichloropropane
           1.122 1.848 1.086 1.061 0.978 1.059 1.035       0.972 1.024  1.132   24.11
            ---- Linear regression ----  Coefficient =  0.9996
              Response Ratio = -0.00161 + 1.03325 *A

68)  dibromochloromethane
           0.573 0.800 0.555 0.592 0.590 0.626 0.633       0.568 0.616  0.617   11.92
69)  1,2-dibromoethane
           0.549 0.902 0.475 0.584 0.549 0.596 0.587       0.559 0.572  0.597   20.04
            ---- Linear regression ----  Coefficient =  0.9995
              Response Ratio = -0.00919 + 0.58424 *A

70)  2-hexanone
                      0.779 0.792 0.797 0.852 0.818       0.705 0.810  0.793    5.74
71)  chlorobenzene
           1.533 2.107 1.298 1.223 1.175 1.256 1.269       1.207 1.239  1.367   21.67
            ---- Linear regression ----  Coefficient =  0.9996
              Response Ratio = -0.02849 + 1.25956 *A

72)  1,1,1,2-tetrachloroethane
           0.488 0.788 0.573 0.484 0.465 0.514 0.516       0.461 0.505  0.533   19.04
            ---- Linear regression ----  Coefficient =  0.9994
              Response Ratio = -0.01896 + 0.51346 *A

73)  ethylbenzene
           3.131 4.122 2.667 2.563 2.477 2.692 2.715       2.612 2.640  2.847   17.98
74)  m,p-xylene
           1.187 1.402 0.856 0.858 0.814 0.896 0.904       0.851 0.868  0.960   20.75
            ---- Linear regression ----  Coefficient =  0.9991
              Response Ratio = -0.05923 + 0.89429 *A

75)  o-xylene
           0.939 1.359 0.933 0.851 0.801 0.881 0.873       0.786 0.852  0.919   18.78
            ---- Linear regression ----  Coefficient =  0.9994
              Response Ratio = -0.02024 + 0.86843 *A

76)  styrene
           1.711 1.950 1.251 1.413 1.381 1.527 1.512       1.305 1.465  1.502   14.34
77)  bromoform
           0.474 0.975 0.452 0.496 0.489 0.540 0.551       0.465 0.534  0.553   29.31
            ---- Linear regression ----  Coefficient =  0.9992
              Response Ratio = -0.03216 + 0.54783 *A

78)  trans-1,4-dichloro-2-butene
                      0.083 0.094 0.097 0.122 0.120       0.067 0.123  0.101   21.38
            ---- Linear regression ----  Coefficient =  0.9976
              Response Ratio = -0.02417 + 0.12400 *A
```

```
79) I   1,4-dichlorobenzene-d ----------------ISTD---------------------
80)  isopropylbenzene
           3.127 4.307 3.140 3.164 3.186 3.248 3.238       3.292 3.063  3.307   11.53
81)  bromofluorobenzene (s)
           1.339 1.331 1.463 1.330 1.472 1.376 1.379 1.418 1.447 1.338  1.389    4.07
82)  bromobenzene
           0.897 1.420 0.921 0.900 0.854 0.873 0.860       0.836 0.826  0.932   19.93
            ---- Linear regression ----  Coefficient =  0.9993
              Response Ratio = 0.01388 + 0.84949 *A

83)  1,1,2,2-tetrachloroethane
           1.413 1.791 1.161 1.264 1.265 1.192 1.226       1.127 1.219  1.295   15.67
            ---- Linear regression ----  Coefficient =  0.9997
              Response Ratio = 0.00396 + 1.22000 *A

84)  1,2,3-trichloropropane
           1.535 2.270 1.500 1.652 1.634 1.644 1.596       1.493 1.539  1.651   14.54
85)  n-propylbenzene
           4.176 5.588 4.580 4.293 4.310 4.336 4.331       4.322 4.106  4.449   10.03
86)  2-chlorotoluene
                 4.701 2.929 3.036 2.923 2.992 2.965       3.027 2.783  3.170   19.69
            ---- Linear regression ----  Coefficient =  0.9983
              Response Ratio = 0.04952 + 2.90539 *A

87)  4-chlorotoluene
                 4.778 2.844 3.065 3.094 3.122 3.109       3.184 2.967  3.270   18.90
            ---- Linear regression ----  Coefficient =  0.9991
              Response Ratio = 0.02261 + 3.06386 *A

88)  1,3,5-trimethylbenzene
           3.466 4.465 3.272 3.200 3.193 3.242 3.226       3.247 3.036  3.372   12.59
89)  tert-butylbenzene
                       2.186 2.089 2.128 2.150 2.196       2.445 2.048  2.178    5.93
90)  1,2,4-trimethylbenzene
                       3.435 3.283 3.347 3.313 3.349       3.361 3.171  3.323    2.46
91)  sec-butylbenzene
           2.731 4.680 3.389 3.338 3.361 3.439 3.445       3.640 3.291  3.479   14.75
92)  1,3-dichlorobenzene
           1.463 2.267 1.580 1.450 1.470 1.467 1.453       1.443 1.396  1.554   17.47
            ---- Linear regression ----  Coefficient =  0.9993
              Response Ratio = 0.01959 + 1.43507 *A

93)  p-isopropyltoluene
           2.750 4.091 2.706 2.827 2.788 2.937 2.957       2.894 2.789  2.971   14.41
94)  1,4-dichlorobenzene
           2.207 2.733 1.628 1.495 1.521 1.542 1.588       1.580 1.482  1.753   24.52
            ---- Linear regression ----  Coefficient =  0.9984
              Response Ratio = -0.02167 + 1.55131 *A

95)  1,2-dichlorobenzene
           1.766 2.563 1.496 1.480 1.484 1.466 1.482       1.407 1.380  1.614   23.07
            ---- Linear regression ----  Coefficient =  0.9982
              Response Ratio = 0.00799 + 1.44844 *A

96)  n-butylbenzene
           2.757 4.083 2.562 2.852 2.865 2.916 2.930       2.823 2.787  2.953   14.82
97)  1,2-dibromo-3-chloropropane
                       0.608 0.546 0.568 0.576 0.571       0.537 0.544  0.564    4.37
98)  1,2,4-trichlorobenzene
```

Initial Calibration Summary

Job Number: M67399
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSP733-ICC733
Lab FileID: P21345.D

```
           0.944 1.370 1.102 0.996 1.033 1.009 1.028       0.895 0.984  1.040   13.14
 99)  hexachlorobutadiene
                       0.614 0.476 0.479 0.465 0.475       0.520 0.467  0.499   10.73
100)  naphthalene
           2.752 3.920 2.682 3.327 3.352 3.465 3.425       2.794 3.336  3.228   12.60
101)  1,2,3-trichlorobenzene
                       0.939 1.009 0.984 1.003 1.008       0.920 0.965  0.976    3.62
102)  2-Methylnaphthalene
                                                                            0.000   -1.00
 ---------------------------------------------------------------------------
 (#) = Out of Range  ###  Number of calibration levels exceeded format  ###

          P090407w.M        Thu Sep 06 09:08:18 2007   RP
```

Initial Calibration Verification

Job Number: M67399
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSP733-ICV733
Lab FileID: P21347.D

Evaluate Continuing Calibration Report

```
Data File : C:\msdchem\1\DATA\p21347.D                    Vial: 39
Acq On    :  5 Sep 2007   6:56 am                    Operator: amym
Sample    : icv733-50                                Inst    : Instrument #1
Misc      : ms14235,msp733,,,,5,1                    Multiplr: 1.00
MS Integration Params: RTEINT.P

Method       : C:\msdchem\1\METHODS\P090407w.M (RTE Integrator)
Title        : SW-846 Method 8260
Last Update  : Wed Sep 05 11:24:03 2007
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  20%     Max. Rel. Area : 200%
```

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1		tert butyl alcohol-d9	1.000	1.000	0.0	100	0.00	6.57
2		tertiary butyl alcohol	1.244	1.130	9.2	95	0.00	6.65
3	I	pentafluorobenzene	1.000	1.000	0.0	98	0.00	9.00
			Amount	Calc.	%Drift			
4	T	Ethanol	5000.000	4980.238	0.4	100	0.00	5.44
			AvgRF	CCRF	%Dev			
5	M	dichlorodifluoromethane	0.582	0.819	-40.7#	156	0.00	4.24
			Amount	Calc.	%Drift			
6	P	chloromethane	50.000	50.422	-0.8	117	0.00	4.49
7	c	vinyl chloride	50.000	55.741	-11.5	122	0.01	4.74
8	M	bromomethane	50.000	50.029	-0.1	111	0.00	5.24
9	M	chloroethane	50.000	58.172	-16.3	115	0.00	5.41
			AvgRF	CCRF	%Dev			
10	M	ethyl ether	0.528	0.467	11.6	91	0.00	6.30
			Amount	Calc.	%Drift			
11	M	acetonitrile	50.000	52.400	-4.8	97	0.00	5.96
12	M	trichlorofluoromethane	50.000	50.415	-0.8	106	0.00	6.06
			AvgRF	CCRF	%Dev			
13	M	freon-113	0.549	0.497	9.5	96	0.00	6.84
14	M	acrolein	0.212	0.207	2.4	92	0.00	6.05
			Amount	Calc.	%Drift			
15	c	1,1-dichloroethene	50.000	51.545	-3.1	103	0.00	6.65
16	M	acetone	50.000	46.029	7.9	96	0.00	6.19
			AvgRF	CCRF	%Dev			
17	M	Methyl Acetate	1.418	1.146	19.2	77	0.00	6.83
			Amount	Calc.	%Drift			
18	M	methylene chloride	50.000	47.301	5.4	95	0.00	6.80
19	M	methyl tert butyl ether	50.000	42.666	14.7	94	0.00	7.58
			AvgRF	CCRF	%Dev			
20	M	acrylonitrile	0.350	0.309	11.7	91	0.00	6.70
21	M	allyl chloride	0.550	0.582	-5.8	90	0.00	6.89

Initial Calibration Verification

Job Number: M67399
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSP733-ICV733
Lab FileID: P21347.D

			Amount	Calc.	%Drift			
22	M	trans-1,2-dichloroethene	50.000	50.324	-0.6	104	0.00	7.49
23	M	iodomethane	50.000	48.687	2.6	106	-0.06	6.71
			AvgRF	CCRF	%Dev			
24	M	carbon disulfide	1.620	1.498	7.5	99	0.00	7.08
25	M	propionitrile	0.151	0.135	10.6	87	0.00	7.76
			Amount	Calc.	%Drift			
26	M	vinyl acetate	50.000	38.178	23.6#	57	0.00	7.85
			AvgRF	CCRF	%Dev			
27	M	chloroprene	1.065	0.978	8.2	99	0.00	8.11
			Amount	Calc.	%Drift			
28	M	di-isopropyl ether	50.000	44.949	10.1	92	0.00	8.15
			AvgRF	CCRF	%Dev			
29	M	methacrylonitrile	0.652	0.572	12.3	88	0.00	8.27
30	M	2-butanone	0.155	0.136	12.3	87	0.00	8.16
31	M	Hexane	0.997	0.833	16.4	93	0.00	8.14
			Amount	Calc.	%Drift			
32	P	1,1-dichloroethane	50.000	47.095	5.8	97	0.00	7.75
33	M	tert-butyl ethyl ether	50.000	39.662	20.7#	98	0.00	8.54
34	M	isobutyl alcohol	250.000	163.521	34.6#	59	0.03	8.59
35	M	2,2-dichloropropane	50.000	37.859	24.3#	96	0.00	8.60
36	M	cis-1,2-dichloroethene	50.000	44.450	11.1	94	0.00	8.32
37	M	bromochloromethane	50.000	44.004	12.0	91	0.00	8.48
			AvgRF	CCRF	%Dev			
38	c	chloroform	1.585	1.398	11.8	101	0.00	8.52
39	S	dibromofluoromethane (s)	0.559	0.560	-0.2	100	0.00	8.64
40	M	Tetrahydrofuran	0.317	0.282	11.0	93	0.00	8.85
			Amount	Calc.	%Drift			
41	M	1,1,1-trichloroethane	50.000	44.407	11.2	99	0.00	9.27
			AvgRF	CCRF	%Dev			
42	I	1,4-difluorobenzene	1.000	1.000	0.0	99	0.00	9.87
43	M	Cyclohexane	0.498	0.490	1.6	102	0.00	9.55
44	M	carbon tetrachloride	0.610	0.577	5.4	103	0.00	9.64
			Amount	Calc.	%Drift			
45	M	1,1-dichloropropene	50.000	50.753	-1.5	101	0.00	9.45
46	M	benzene	50.000	47.776	4.4	93	0.00	9.67
47	M	1,2-dichloroethane	50.000	47.766	4.5	93	0.00	9.17
48	M	tert-amyl methyl ether	50.000	44.587	10.8	91	0.00	9.79
			AvgRF	CCRF	%Dev			
49	M	heptane	0.313	0.286	8.6	96	0.00	10.14
			Amount	Calc.	%Drift			
50	M	trichloroethene	50.000	47.651	4.7	95	0.00	10.29
			AvgRF	CCRF	%Dev			
51	c	1,2-dichloropropane	0.394	0.348	11.7	93	0.00	10.26

Initial Calibration Verification

Job Number: M67399
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSP733-ICV733
Lab FileID: P21347.D

			Amount	Calc.	%Drift			
52	M	dibromomethane	50.000	48.536	2.9	93	0.00	10.23

			AvgRF	CCRF	%Dev			
53	M	bromodichloromethane	0.808	0.721	10.8	90	0.00	10.34
54	M	Methylcyclohexane	0.488	0.478	2.0	109	0.00	10.81

			Amount	Calc.	%Drift			
55	M	2-chloroethyl vinyl ether	50.000	80.344	-60.7#	85	0.01	10.79

			AvgRF	CCRF	%Dev			
56	M	methyl methacrylate	0.390	0.358	8.2	87	0.00	10.43

			Amount	Calc.	%Drift			
57	M	1,4-dioxane	250.000	220.565	11.8	86	0.00	10.44
58	M	cis-1,3-dichloropropene	50.000	41.872	16.3	84	0.00	10.96

			AvgRF	CCRF	%Dev			
59	S	toluene-d8 (s)	1.348	1.355	-0.5	97	0.00	11.67
60	M	4-methyl-2-pentanone	0.748	0.692	7.5	91	0.00	11.06
61	c	toluene	1.086	0.881	18.9	93	0.00	11.74

			Amount	Calc.	%Drift			
62	M	trans-1,3-dichloropropene	50.000	41.914	16.2	89	0.00	11.38
63	M	1,1,2-trichloroethane	50.000	47.378	5.2	89	0.00	11.55
64	M	ethyl methacrylate	50.000	48.062	3.9	93	0.00	11.75

			AvgRF	CCRF	%Dev			
65	I	chlorobenzene-d5	1.000	1.000	0.0	99	0.00	13.12

			Amount	Calc.	%Drift			
66	M	tetrachloroethene	50.000	49.936	0.1	101	0.00	12.48
67	M	1,3-dichloropropane	50.000	46.931	6.1	90	0.00	11.79

			AvgRF	CCRF	%Dev			
68	M	dibromochloromethane	0.617	0.554	10.2	93	0.00	12.08

			Amount	Calc.	%Drift			
69	M	1,2-dibromoethane	50.000	48.598	2.8	94	0.00	12.33

			AvgRF	CCRF	%Dev			
70	M	2-hexanone	0.793	0.749	5.5	93	0.00	11.91

			Amount	Calc.	%Drift			
71	P	chlorobenzene	50.000	47.296	5.4	94	0.00	13.16
72	M	1,1,1,2-tetrachloroethane	50.000	49.248	1.5	99	0.00	13.08

			AvgRF	CCRF	%Dev			
73	c	ethylbenzene	2.847	2.479	12.9	96	0.00	13.33

			Amount	Calc.	%Drift			
74	M	m,p-xylene	100.000	93.304	6.7	93	0.00	13.52
75	M	o-xylene	50.000	45.363	9.3	89	0.00	13.93

			AvgRF	CCRF	%Dev			
76	M	styrene	1.502	1.281	14.7	90	0.00	13.86

			Amount	Calc.	%Drift			
77	P	bromoform	50.000	45.419	9.2	93	0.00	13.68

Initial Calibration Verification

Job Number: M67399
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSP733-ICV733
Lab FileID: P21347.D

78	M	trans-1,4-dichloro-2-bute	50.000	44.099	11.8	89	0.00	14.08
		----------	AvgRF	CCRF	%Dev	----------		
79	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	100	0.00	15.68
80	M	isopropylbenzene	3.307	3.055	7.6	97	0.00	14.29
81	S	bromofluorobenzene (s)	1.389	1.345	3.2	101	0.00	14.35
		----------	Amount	Calc.	%Drift	----------		
82	M	bromobenzene	50.000	46.033	7.9	88	0.00	14.58
83	P	1,1,2,2-tetrachloroethane	50.000	46.283	7.4	90	0.00	13.93
		----------	AvgRF	CCRF	%Dev	----------		
84	M	1,2,3-trichloropropane	1.651	1.500	9.1	91	0.00	14.08
85	M	n-propylbenzene	4.449	4.079	8.3	95	0.00	14.74
		----------	Amount	Calc.	%Drift	----------		
86	M	2-chlorotoluene	50.000	47.600	4.8	93	0.00	14.86
87	M	4-chlorotoluene	50.000	47.435	5.1	96	0.00	14.93
		----------	AvgRF	CCRF	%Dev	----------		
88	M	1,3,5-trimethylbenzene	3.372	3.031	10.1	95	0.00	15.01
89	M	tert-butylbenzene	2.178	2.042	6.2	98	0.00	15.32
90	M	1,2,4-trimethylbenzene	3.323	3.090	7.0	94	0.00	15.42
91	M	sec-butylbenzene	3.479	3.350	3.7	100	0.00	15.54
		----------	Amount	Calc.	%Drift	----------		
92	M	1,3-dichlorobenzene	50.000	45.168	9.7	91	0.00	15.65
		----------	AvgRF	CCRF	%Dev	----------		
93	M	p-isopropyltoluene	2.971	2.708	8.9	96	0.00	15.71
		----------	Amount	Calc.	%Drift	----------		
94	M	1,4-dichlorobenzene	50.000	45.530	8.9	93	0.00	15.71
95	M	1,2-dichlorobenzene	50.000	46.924	6.2	92	0.00	16.08
		----------	AvgRF	CCRF	%Dev	----------		
96	M	n-butylbenzene	2.953	2.729	7.6	96	0.00	16.13
97	M	1,2-dibromo-3-chloropropa	0.564	0.533	5.5	98	0.00	16.56
98	M	1,2,4-trichlorobenzene	1.040	0.917	11.8	92	0.00	17.91
99	M	hexachlorobutadiene	0.499	0.460	7.8	97	0.00	18.20
100	M	naphthalene	3.228	2.856	11.5	86	0.00	18.18
101	M	1,2,3-trichlorobenzene	0.976	0.856	12.3	85	0.00	18.38
102	M	2-Methylnaphthalene		----------NA----------				

(#) = Out of Range SPCC's out = 0 CCC's out = 0
p21346.D P090407w.M Thu Sep 06 09:13:02 2007 RP

Continuing Calibration Summary

Job Number: M67399
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSP736-CC733
Lab FileID: P21404.D

Evaluate Continuing Calibration Report

```
Data File : C:\msdchem\1\DATA\p21404.D                    Vial: 1
Acq On    :  6 Sep 2007  11:35 am                    Operator: amym
Sample    : cc733-100                                Inst    : Instrument #1
Misc      : ms14247,msp736,,,,5,1                    Multiplr: 1.00
MS Integration Params: RTEINT.P

Method       : C:\msdchem\1\METHODS\P090407w.M (RTE Integrator)
Title        : SW-846 Method 8260
Last Update  : Wed Sep 05 11:24:03 2007
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  20%     Max. Rel. Area : 200%
```

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1		tert butyl alcohol-d9	1.000	1.000	0.0	80	0.00	6.56
2		tertiary butyl alcohol	1.244	1.184	4.8	79	0.00	6.65
3	I	pentafluorobenzene	1.000	1.000	0.0	89	0.00	9.00
			Amount	Calc.	%Drift			
4	T	Ethanol	10000.000	9118.490	8.8	75	0.00	5.43
			AvgRF	CCRF	%Dev			
5	M	dichlorodifluoromethane	0.582	0.515	11.5	83	0.00	4.24
			Amount	Calc.	%Drift			
6	P	chloromethane	100.000	66.684	33.3#	76	0.00	4.49
7	c	vinyl chloride	100.000	88.813	11.2	82	0.00	4.73
8	M	bromomethane	100.000	75.834	24.2#	71	0.00	5.24
9	M	chloroethane	100.000	96.446	3.6	91	0.00	5.41
			AvgRF	CCRF	%Dev			
10	M	ethyl ether	0.528	0.502	4.9	81	0.00	6.30
			Amount	Calc.	%Drift			
11	M	acetonitrile	100.000	145.545	-45.5#	108	0.00	5.96
12	M	trichlorofluoromethane	100.000	101.032	-1.0	97	0.00	6.06
			AvgRF	CCRF	%Dev			
13	M	freon-113	0.549	0.524	4.6	91	0.00	6.84
14	M	acrolein	0.212	0.200	5.7	79	0.00	6.05
			Amount	Calc.	%Drift			
15	c	1,1-dichloroethene	100.000	100.275	-0.3	86	0.00	6.65
16	M	acetone	100.000	88.217	11.8	75	0.00	6.19
			AvgRF	CCRF	%Dev			
17	M	Methyl Acetate	1.418	1.395	1.6	82	0.00	6.83
			Amount	Calc.	%Drift			
18	M	methylene chloride	100.000	94.451	5.5	83	0.00	6.80
19	M	methyl tert butyl ether	100.000	92.962	7.0	86	0.00	7.58
			AvgRF	CCRF	%Dev			
20	M	acrylonitrile	0.350	0.327	6.6	78	0.00	6.70
21	M	allyl chloride	0.550	0.594	-8.0	88	0.00	6.89

Continuing Calibration Summary

Job Number: M67399
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSP736-CC733
Lab FileID: P21404.D

			Amount	Calc.	%Drift			
22	M	trans-1,2-dichloroethene	100.000	100.873	-0.9	94	0.00	7.49
23	M	iodomethane	100.000	76.482	23.5#	72	-0.06	6.71
			AvgRF	CCRF	%Dev			
24	M	carbon disulfide	1.620	1.493	7.8	88	0.00	7.08
25	M	propionitrile	0.151	0.156	-3.3	85	0.01	7.76
			Amount	Calc.	%Drift			
26	M	vinyl acetate	100.000	156.897	-56.9#	160	0.00	7.84
			AvgRF	CCRF	%Dev			
27	M	chloroprene	1.065	1.055	0.9	91	0.00	8.11
			Amount	Calc.	%Drift			
28	M	di-isopropyl ether	100.000	95.993	4.0	83	0.00	8.14
			AvgRF	CCRF	%Dev			
29	M	methacrylonitrile	0.652	0.602	7.7	78	0.00	8.26
30	M	2-butanone	0.155	0.147	5.2	85	0.00	8.15
31	M	Hexane	0.997	0.952	4.5	92	0.00	8.13
			Amount	Calc.	%Drift			
32	P	1,1-dichloroethane	100.000	95.918	4.1	83	0.00	7.74
33	M	tert-butyl ethyl ether	100.000	91.141	8.9	94	0.00	8.54
34	M	isobutyl alcohol	500.000	467.791	6.4	91	0.01	8.58
35	M	2,2-dichloropropane	100.000	99.995	0.0	121	0.00	8.60
36	M	cis-1,2-dichloroethene	100.000	96.308	3.7	83	0.00	8.31
37	M	bromochloromethane	100.000	97.129	2.9	86	0.00	8.48
			AvgRF	CCRF	%Dev			
38	c	chloroform	1.585	1.388	12.4	86	0.00	8.52
39	S	dibromofluoromethane (s)	0.559	0.537	3.9	84	0.00	8.64
40	M	Tetrahydrofuran	0.317	0.318	-0.3	83	0.00	8.85
			Amount	Calc.	%Drift			
41	M	1,1,1-trichloroethane	100.000	89.915	10.1	90	0.00	9.27
			AvgRF	CCRF	%Dev			
42	I	1,4-difluorobenzene	1.000	1.000	0.0	86	0.00	9.87
43	M	Cyclohexane	0.498	0.485	2.6	93	0.00	9.55
44	M	carbon tetrachloride	0.610	0.575	5.7	88	0.00	9.63
			Amount	Calc.	%Drift			
45	M	1,1-dichloropropene	100.000	94.246	5.8	87	0.00	9.44
46	M	benzene	100.000	97.019	3.0	88	0.00	9.67
47	M	1,2-dichloroethane	100.000	94.229	5.8	83	0.00	9.17
48	M	tert-amyl methyl ether	100.000	103.587	-3.6	92	0.00	9.79
			AvgRF	CCRF	%Dev			
49	M	heptane	0.313	0.372	-18.8	112	0.00	10.14
			Amount	Calc.	%Drift			
50	M	trichloroethene	100.000	89.230	10.8	81	0.00	10.29
			AvgRF	CCRF	%Dev			
51	c	1,2-dichloropropane	0.394	0.362	8.1	84	0.00	10.26

Continuing Calibration Summary

Job Number: M67399
Account: GEI GEI Consultants, Inc.
Project: GEI Tufts Street Somerville MA

Sample: MSP736-CC733
Lab FileID: P21404.D

			Amount	Calc.	%Drift			
52	M	dibromomethane	100.000	101.618	-1.6	86	0.00	10.23

			AvgRF	CCRF	%Dev			
53	M	bromodichloromethane	0.808	0.753	6.8	85	0.00	10.34
54	M	Methylcyclohexane	0.488	0.493	-1.0	92	0.00	10.81

			Amount	Calc.	%Drift			
55	M	2-chloroethyl vinyl ether	100.000	120.170	-20.2#	73	0.02	10.80

			AvgRF	CCRF	%Dev			
56	M	methyl methacrylate	0.390	0.389	0.3	83	0.00	10.43

			Amount	Calc.	%Drift			
57	M	1,4-dioxane	500.000	483.431	3.3	81	0.00	10.44
58	M	cis-1,3-dichloropropene	100.000	91.438	8.6	89	0.00	10.96

			AvgRF	CCRF	%Dev			
59	S	toluene-d8 (s)	1.348	1.330	1.3	83	0.00	11.66
60	M	4-methyl-2-pentanone	0.748	0.722	3.5	81	0.00	11.05
61	c	toluene	1.086	0.913	15.9	87	0.00	11.74

			Amount	Calc.	%Drift			
62	M	trans-1,3-dichloropropene	100.000	90.111	9.9	88	0.00	11.38
63	M	1,1,2-trichloroethane	100.000	94.802	5.2	84	0.00	11.55
64	M	ethyl methacrylate	100.000	92.857	7.1	84	0.00	11.75

			AvgRF	CCRF	%Dev			
65	I	chlorobenzene-d5	1.000	1.000	0.0	85	0.00	13.12

			Amount	Calc.	%Drift			
66	M	tetrachloroethene	100.000	98.521	1.5	89	0.00	12.48
67	M	1,3-dichloropropane	100.000	94.654	5.3	85	0.00	11.78

			AvgRF	CCRF	%Dev			
68	M	dibromochloromethane	0.617	0.572	7.3	82	0.00	12.08

			Amount	Calc.	%Drift			
69	M	1,2-dibromoethane	100.000	96.347	3.7	86	0.00	12.33

			AvgRF	CCRF	%Dev			
70	M	2-hexanone	0.793	0.750	5.4	80	0.00	11.91

			Amount	Calc.	%Drift			
71	P	chlorobenzene	100.000	96.833	3.2	87	0.00	13.16
72	M	1,1,1,2-tetrachloroethane	100.000	97.117	2.9	89	0.00	13.08

			AvgRF	CCRF	%Dev			
73	c	ethylbenzene	2.847	2.551	10.4	88	0.00	13.33

			Amount	Calc.	%Drift			
74	M	m,p-xylene	200.000	194.625	2.7	89	0.00	13.51
75	M	o-xylene	100.000	96.529	3.5	88	0.00	13.93

			AvgRF	CCRF	%Dev			
76	M	styrene	1.502	1.425	5.1	88	0.00	13.85

			Amount	Calc.	%Drift			
77	P	bromoform	100.000	94.033	6.0	87	0.00	13.68

Continuing Calibration Summary

Job Number: M67399 **Sample:** MSP736-CC733
Account: GEI GEI Consultants, Inc. **Lab FileID:** P21404.D
Project: GEI Tufts Street Somerville MA

78	M	trans-1,4-dichloro-2-bute	100.000	87.195	12.8	84	0.00	14.08
		----------	AvgRF	CCRF	%Dev	----------		
79	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	91	0.00	15.68
80	M	isopropylbenzene	3.307	3.102	6.2	89	0.00	14.29
81	S	bromofluorobenzene (s)	1.389	1.293	6.9	80	0.00	14.35
		----------	Amount	Calc.	%Drift	----------		
82	M	bromobenzene	100.000	97.898	2.1	89	0.00	14.58
83	P	1,1,2,2-tetrachloroethane	100.000	107.462	-7.5	94	0.00	13.93
		----------	AvgRF	CCRF	%Dev	----------		
84	M	1,2,3-trichloropropane	1.651	1.471	10.9	82	0.00	14.08
85	M	n-propylbenzene	4.449	4.204	5.5	89	0.00	14.74
		----------	Amount	Calc.	%Drift	----------		
86	M	2-chlorotoluene	100.000	97.272	2.7	89	0.00	14.86
87	M	4-chlorotoluene	100.000	95.286	4.7	86	0.00	14.93
		----------	AvgRF	CCRF	%Dev	----------		
88	M	1,3,5-trimethylbenzene	3.372	3.094	8.2	88	0.00	15.01
89	M	tert-butylbenzene	2.178	2.139	1.8	91	0.00	15.32
90	M	1,2,4-trimethylbenzene	3.323	3.240	2.5	88	0.00	15.42
91	M	sec-butylbenzene	3.479	3.447	0.9	93	0.00	15.54
		----------	Amount	Calc.	%Drift	----------		
92	M	1,3-dichlorobenzene	100.000	98.874	1.1	88	0.00	15.64
		----------	AvgRF	CCRF	%Dev	----------		
93	M	p-isopropyltoluene	2.971	2.820	5.1	92	0.00	15.71
		----------	Amount	Calc.	%Drift	----------		
94	M	1,4-dichlorobenzene	100.000	94.775	5.2	87	0.00	15.71
95	M	1,2-dichlorobenzene	100.000	96.989	3.0	86	0.00	16.08
		----------	AvgRF	CCRF	%Dev	----------		
96	M	n-butylbenzene	2.953	2.892	2.1	92	0.00	16.13
97	M	1,2-dibromo-3-chloropropa	0.564	0.510	9.6	82	0.00	16.56
98	M	1,2,4-trichlorobenzene	1.040	0.996	4.2	88	0.00	17.91
99	M	hexachlorobutadiene	0.499	0.459	8.0	87	0.00	18.20
100	M	naphthalene	3.228	3.111	3.6	84	0.00	18.18
101	M	1,2,3-trichlorobenzene	0.976	0.984	-0.8	91	0.00	18.38
102	M	2-Methylnaphthalene		----------NA----------				

(#) = Out of Range SPCC's out = 0 CCC's out = 0
p21345.D P090407w.M Fri Sep 07 11:17:22 2007 RP

GC/MS Volatiles

Raw Data

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21409.D
Acq On : 6 Sep 2007 1:55 pm
Operator : amym
Sample : m67399-1
Misc : ms14251,msp736,,,,5,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 06 14:22:05 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.573	65	167529	500.00	ug/L	0.00
3) pentafluorobenzene	8.999	168	115335	50.00	ug/L	0.00
42) 1,4-difluorobenzene	9.869	114	185366	50.00	ug/L	0.00
65) chlorobenzene-d5	13.124	82	129636	50.00	ug/L	0.00
79) 1,4-dichlorobenzene-d4	15.686	152	83861	50.00	ug/L	0.00

System Monitoring Compounds

39) dibromofluoromethane (s)	8.643	113	64367	49.94	ug/L	0.00
Spiked Amount 50.000	Range 85 - 129		Recovery = 99.88%			
59) toluene-d8 (s)	11.666	98	245506	49.11	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.22%			
81) bromofluorobenzene (s)	14.350	95	116701	50.08	ug/L	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 100.16%			

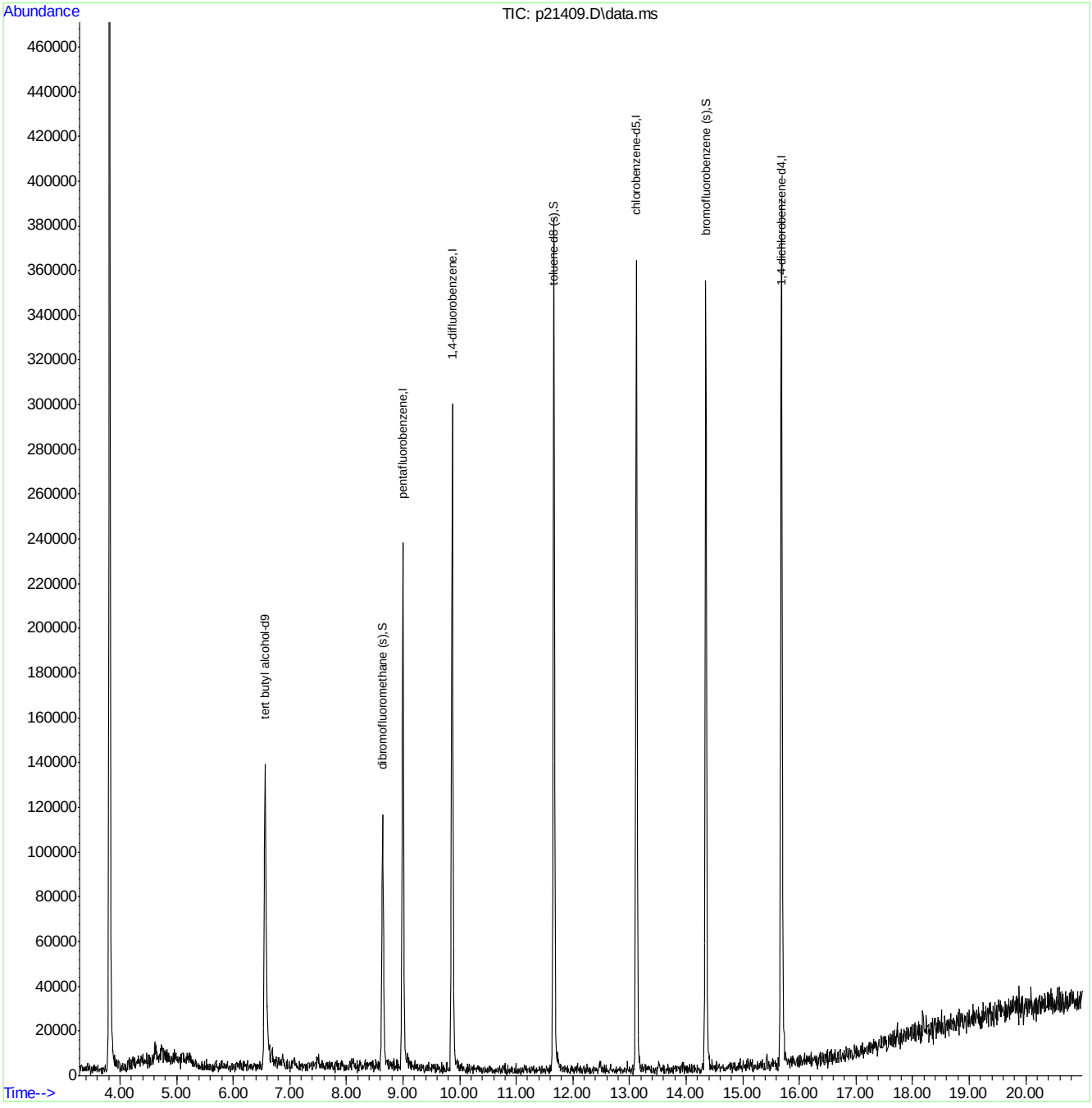
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21409.D
Acq On : 6 Sep 2007 1:55 pm
Operator : amym
Sample : m67399-1
Misc : ms14251,msp736,,,,5,1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 06 14:22:05 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration



P090407w.M Thu Sep 06 14:22:18 2007 RP

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21410.D
Acq On : 6 Sep 2007 2:23 pm
Operator : amym
Sample : m67399-2
Misc : ms14251,msp736,,,,5,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 06 14:55:48 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

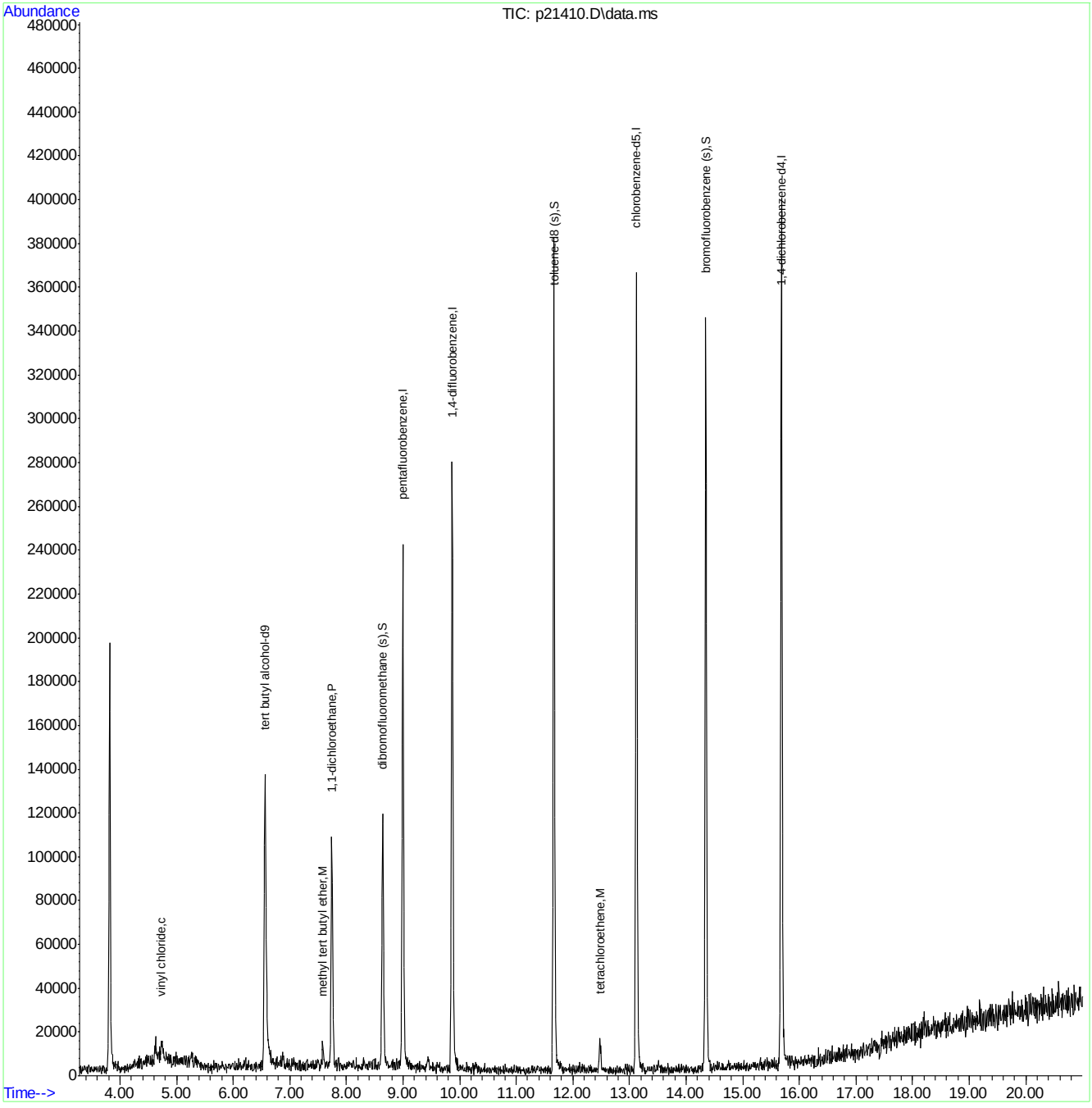
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) tert butyl alcohol-d9	6.572	65	166207	500.00 ug/L	0.00
3) pentafluorobenzene	8.999	168	113302	50.00 ug/L	0.00
42) 1,4-difluorobenzene	9.871	114	177045	50.00 ug/L	0.00
65) chlorobenzene-d5	13.125	82	128453	50.00 ug/L	0.00
79) 1,4-dichlorobenzene-d4	15.684	152	79702	50.00 ug/L	0.00
System Monitoring Compounds					
39) dibromofluoromethane (s)	8.642	113	62347	49.24 ug/L	0.00
Spiked Amount 50.000	Range 85 - 129		Recovery = 98.48%		
59) toluene-d8 (s)	11.667	98	237897	49.82 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.64%		
81) bromofluorobenzene (s)	14.350	95	114079	51.51 ug/L	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 103.02%		
Target Compounds					Qvalue
7) vinyl chloride	4.733	62	2122	2.27 ug/L	55
19) methyl tert butyl ether	7.586	73	10667	5.73 ug/L	50
32) 1,1-dichloroethane	7.746	63	90814	34.40 ug/L	98
66) tetrachloroethene	12.481	166	3057	3.75 ug/L #	1

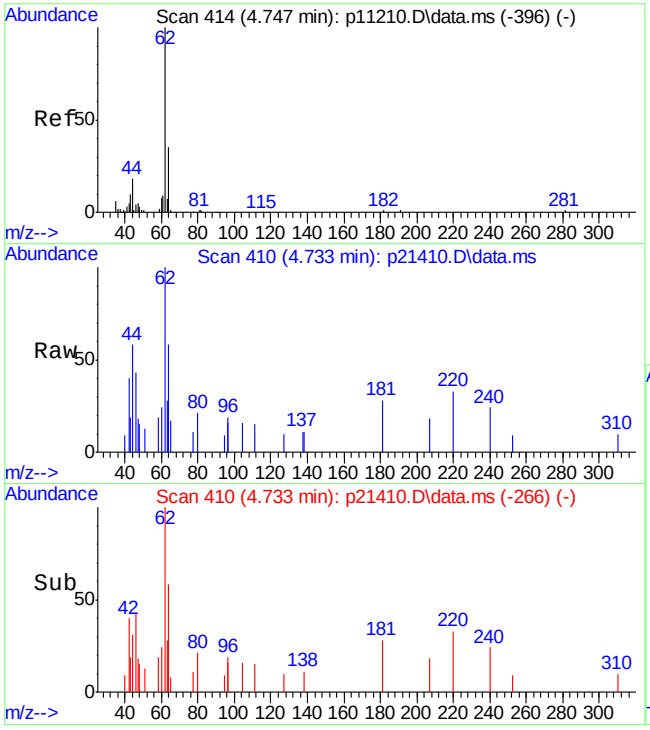
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21410.D
Acq On : 6 Sep 2007 2:23 pm
Operator : amym
Sample : m67399-2
Misc : ms14251,msp736,,,,5,1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 06 14:55:48 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

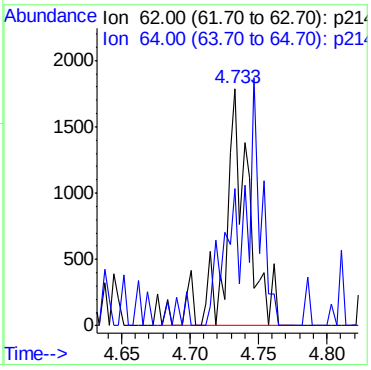


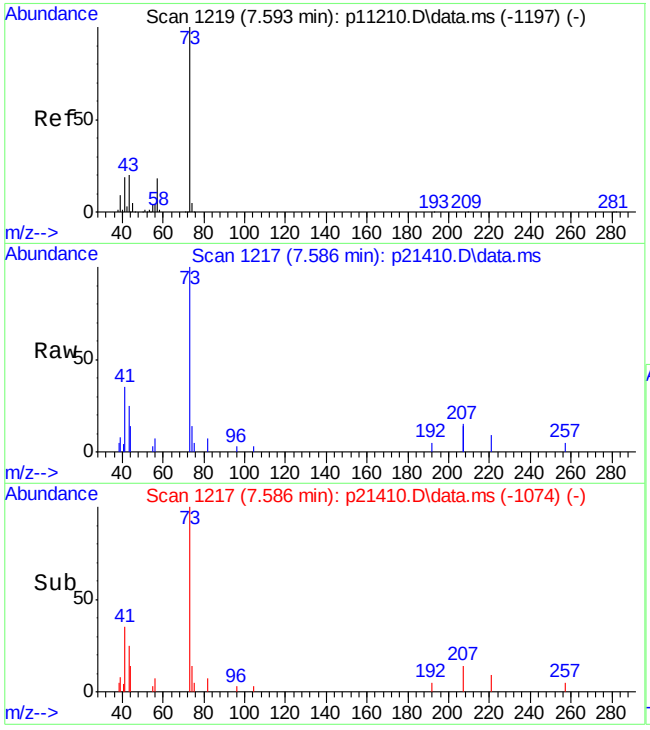


#7
vinyl chloride
Concen: 2.27 ug/L
RT: 4.733 min Scan# 410
Delta R.T. 0.008 min
Lab File: p21410.D
Acq: 6 Sep 2007 2:23 pm

Tgt Ion: 62 Resp: 2122

Ion	Ratio	Lower	Upper
62	100		
64	57.8	2.7	62.7

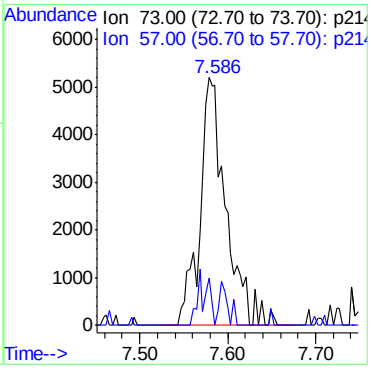


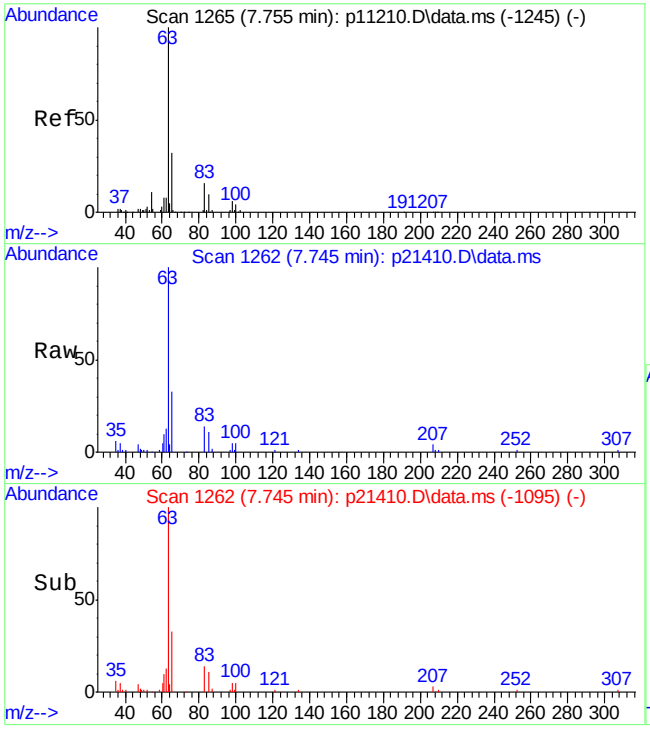


#19
methyl tert butyl ether
Concen: 5.73 ug/L
RT: 7.586 min Scan# 1217
Delta R.T. 0.006 min
Lab File: p21410.D
Acq: 6 Sep 2007 2:23 pm

Tgt Ion: 73 Resp: 10667

Ion	Ratio	Lower	Upper
73	100		
57	0.0	0.0	55.0

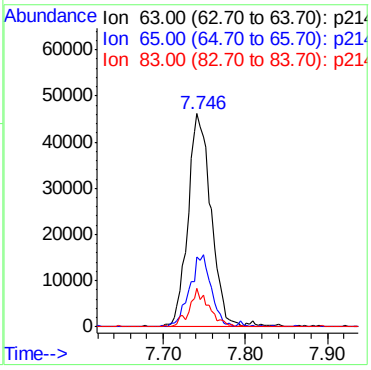


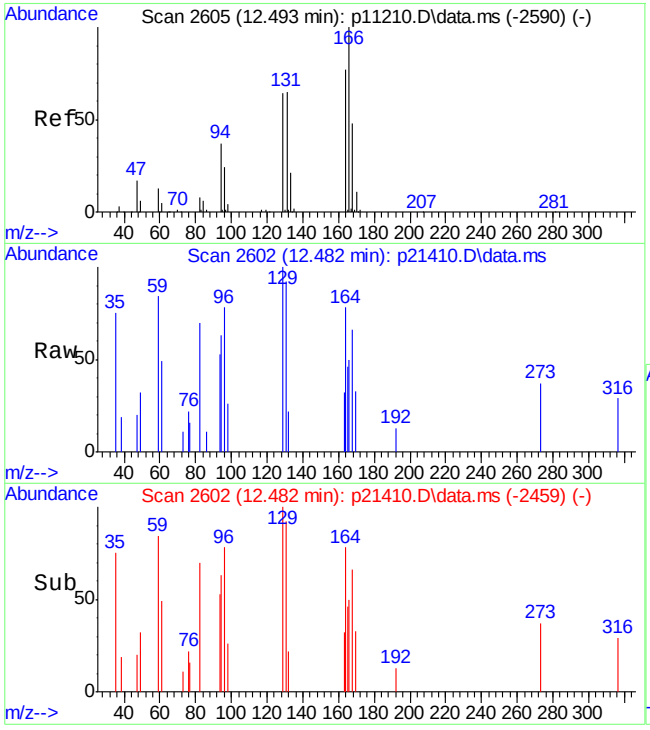


#32
1,1-dichloroethane
Concen: 34.40 ug/L
RT: 7.746 min Scan# 1262
Delta R.T. 0.000 min
Lab File: p21410.D
Acq: 6 Sep 2007 2:23 pm

Tgt Ion: 63 Resp: 90814

Ion	Ratio	Lower	Upper
63	100		
65	33.4	1.8	61.8
83	13.5	0.0	43.1

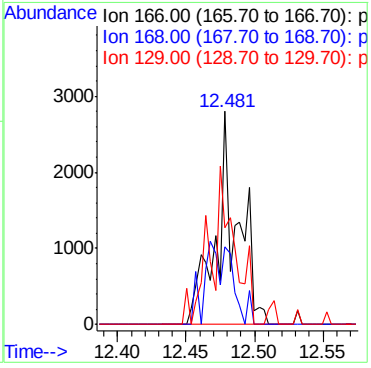




#66
tetrachloroethene
Concen: 3.75 ug/L
RT: 12.481 min Scan# 2602
Delta R.T. 0.004 min
Lab File: p21410.D
Acq: 6 Sep 2007 2:23 pm

Tgt Ion:166 Resp: 3057

Ion	Ratio	Lower	Upper
166	100		
168	133.0	17.6	77.6#
129	200.1	42.2	102.2#



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21411.D
Acq On : 6 Sep 2007 2:51 pm
Operator : amym
Sample : m67399-3
Misc : ms14251,msp736,,,,5,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 06 15:18:49 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.570	65	166130	500.00	ug/L	0.00
3) pentafluorobenzene	9.000	168	113325	50.00	ug/L	0.00
42) 1,4-difluorobenzene	9.871	114	174199	50.00	ug/L	0.00
65) chlorobenzene-d5	13.126	82	129266	50.00	ug/L	0.00
79) 1,4-dichlorobenzene-d4	15.685	152	80721	50.00	ug/L	0.00

System Monitoring Compounds

39) dibromofluoromethane (s)	8.642	113	61963	48.92	ug/L	0.00
Spiked Amount 50.000	Range 85 - 129		Recovery = 97.84%			
59) toluene-d8 (s)	11.667	98	241454	51.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.78%			
81) bromofluorobenzene (s)	14.350	95	110870	49.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 98.86%			

Target Compounds

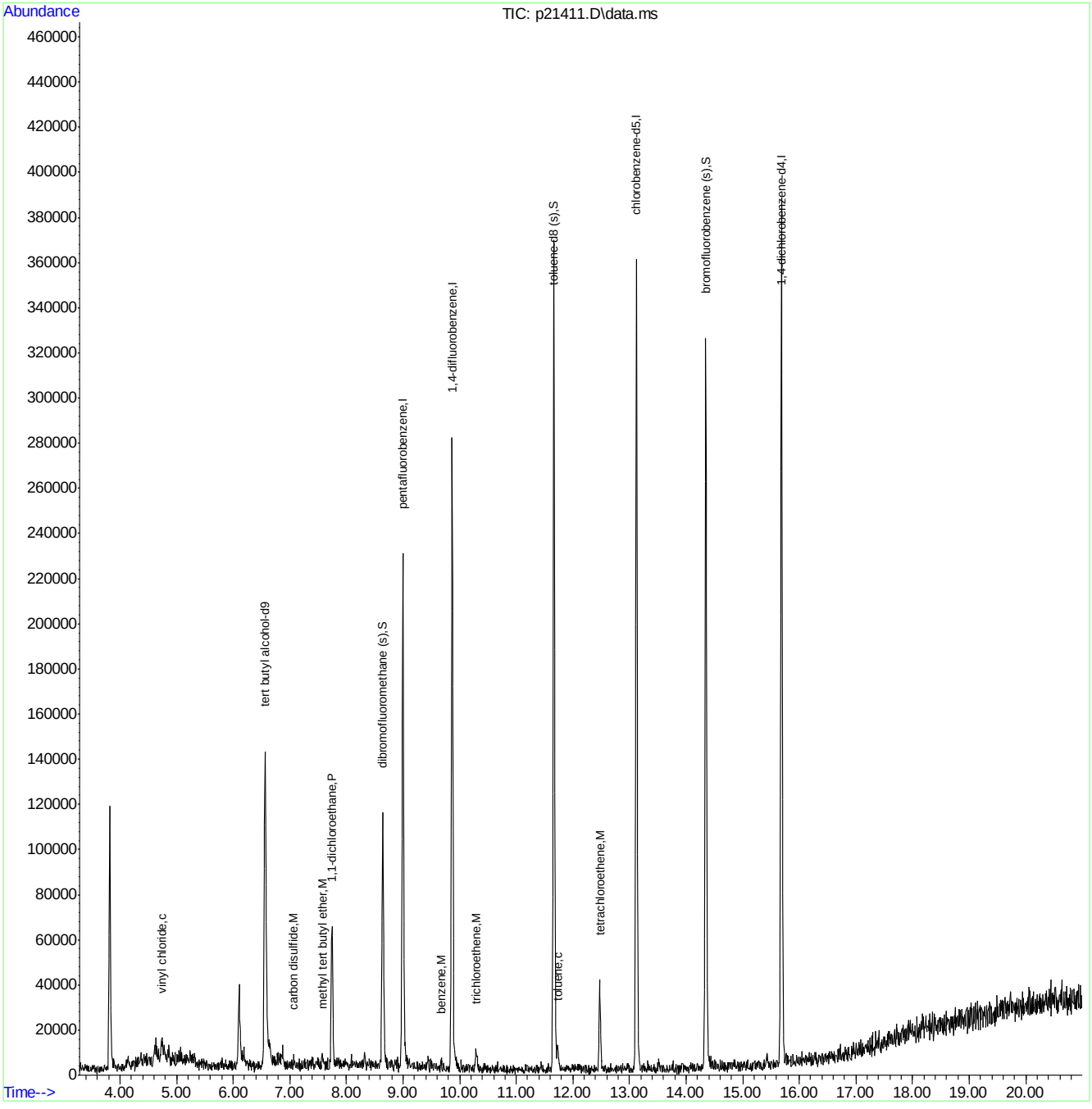
						Qvalue
7) vinyl chloride	4.738	62	2242	2.38	ug/L #	6
19) methyl tert butyl ether	7.582	73	2785	3.94	ug/L	50
24) carbon disulfide	7.076	76	2572	0.70	ug/L	94
32) 1,1-dichloroethane	7.747	63	56209	21.40	ug/L	94
46) benzene	9.671	78	1995	1.90	ug/L #	1
50) trichloroethene	10.290	95	2599	3.90	ug/L #	64
61) toluene	11.738	92	2582	0.68	ug/L #	63
66) tetrachloroethene	12.478	166	8538	8.45	ug/L #	69

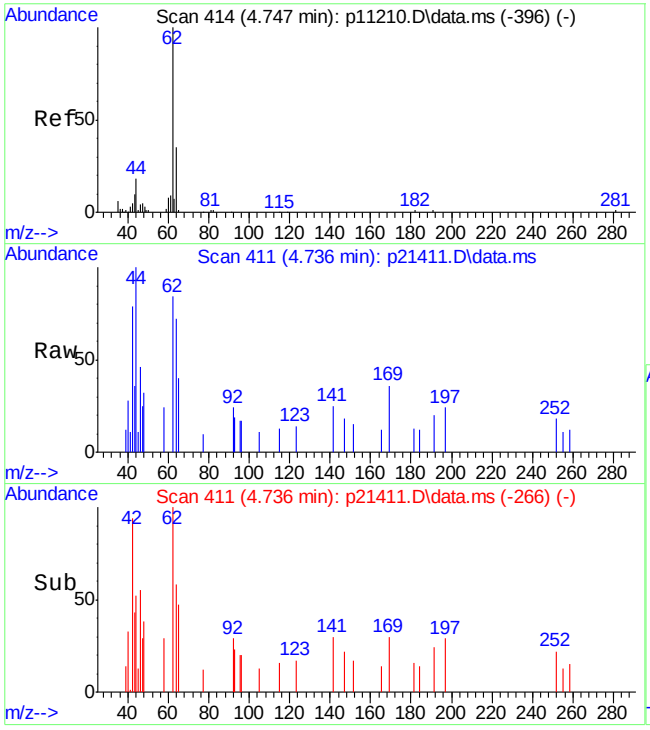
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21411.D
Acq On : 6 Sep 2007 2:51 pm
Operator : amym
Sample : m67399-3
Misc : ms14251,msp736,,,,5,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 06 15:18:49 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

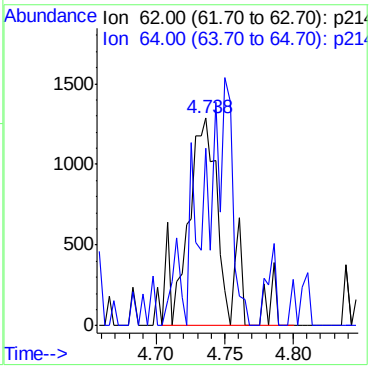


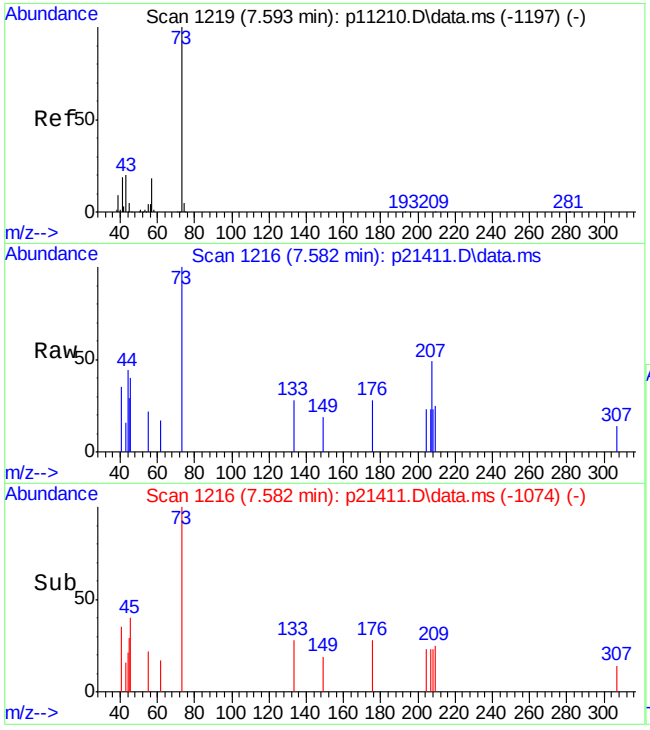


#7
vinyl chloride
Concen: 2.38 ug/L
RT: 4.738 min Scan# 411
Delta R.T. 0.013 min
Lab File: p21411.D
Acq: 6 Sep 2007 2:51 pm

Tgt Ion: 62 Resp: 2242

Ion	Ratio	Lower	Upper
62	100		
64	85.7	2.7	62.7#

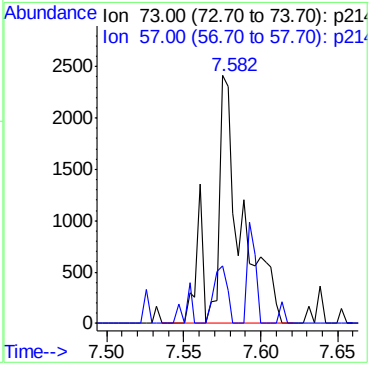


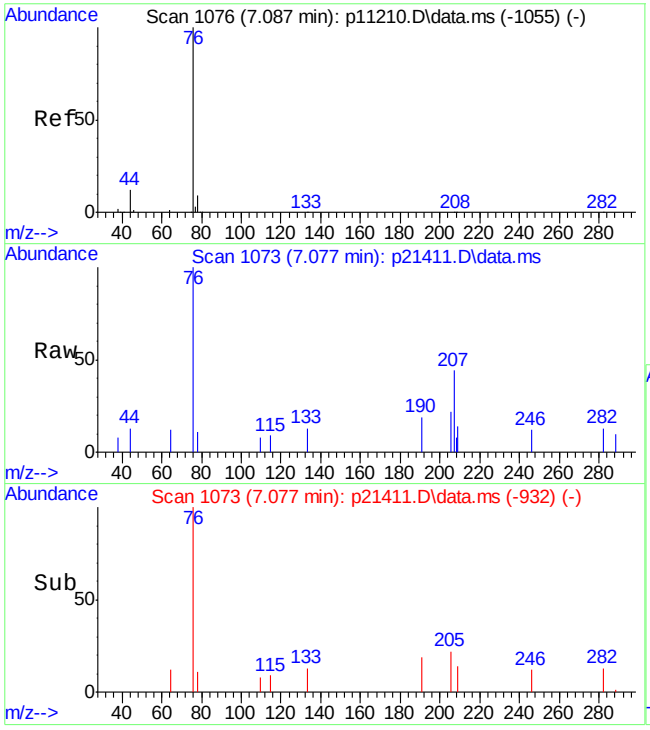


#19
methyl tert butyl ether
Concen: 3.94 ug/L
RT: 7.582 min Scan# 1216
Delta R.T. 0.002 min
Lab File: p21411.D
Acq: 6 Sep 2007 2:51 pm

Tgt Ion: 73 Resp: 2785

Ion	Ratio	Lower	Upper
73	100		
57	0.0	0.0	55.0

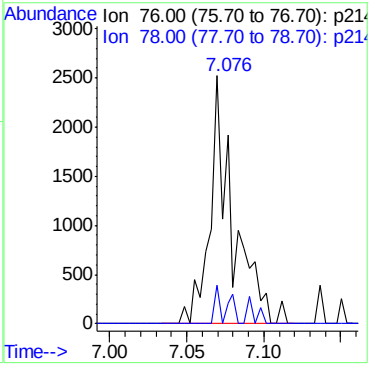


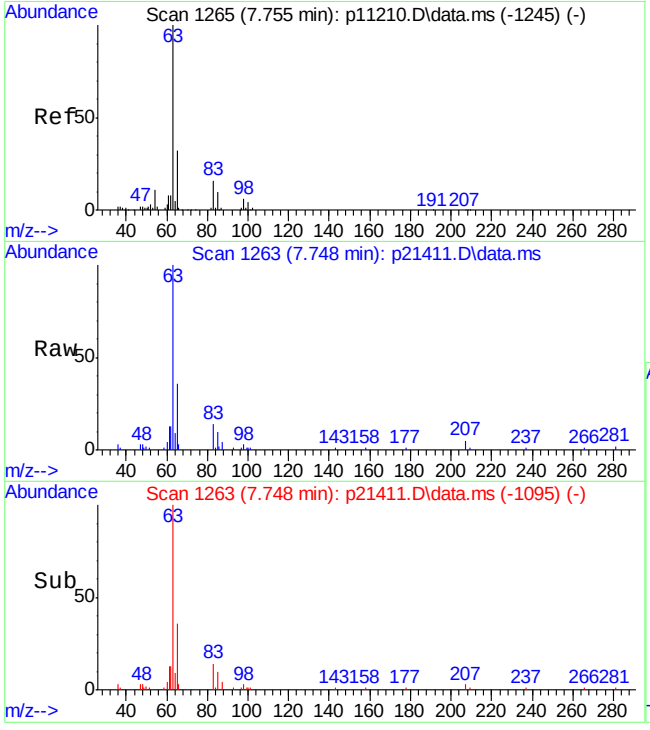


#24
carbon disulfide
Concen: 0.70 ug/L
RT: 7.076 min Scan# 1073
Delta R.T. -0.002 min
Lab File: p21411.D
Acq: 6 Sep 2007 2:51 pm

Tgt Ion: 76 Resp: 2572

Ion	Ratio	Lower	Upper
76	100		
78	11.2	0.0	39.1

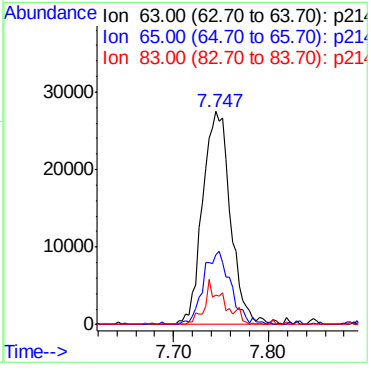


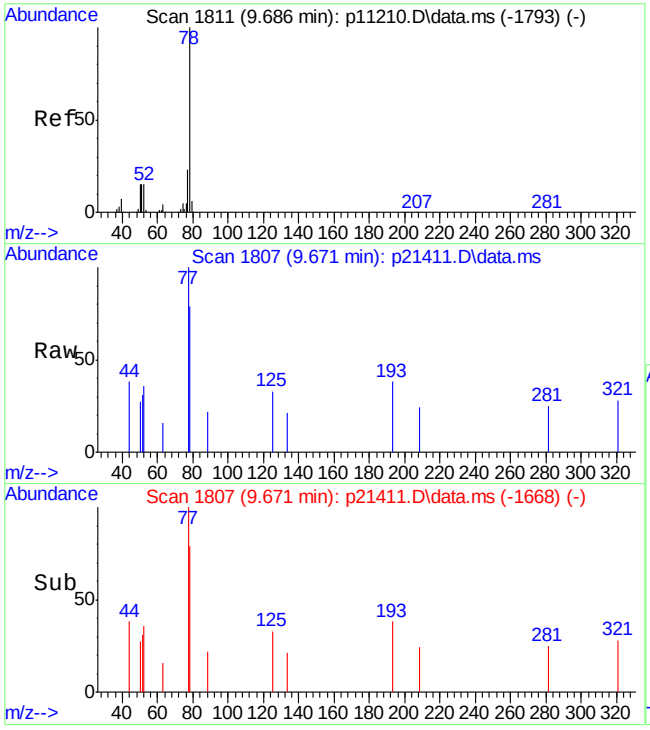


#32
1,1-dichloroethane
Concen: 21.40 ug/L
RT: 7.747 min Scan# 1263
Delta R.T. 0.001 min
Lab File: p21411.D
Acq: 6 Sep 2007 2:51 pm

Tgt Ion: 63 Resp: 56209

Ion	Ratio	Lower	Upper
63	100		
65	36.0	1.8	61.8
83	14.1	0.0	43.1

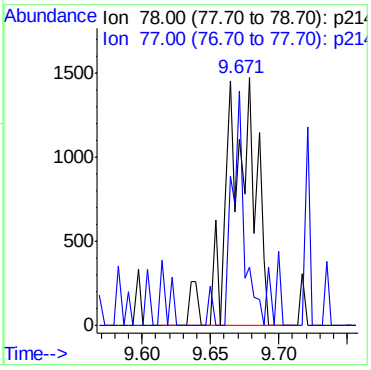


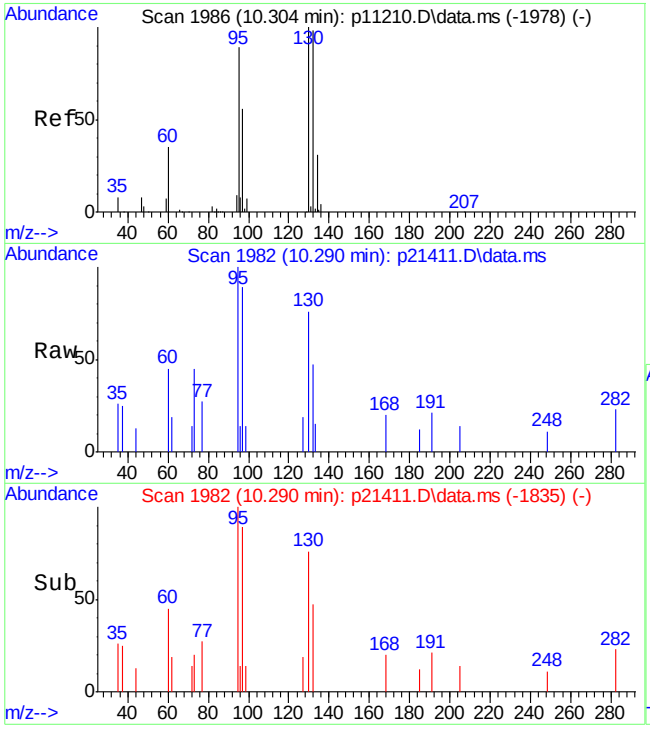


#46
benzene
Concen: 1.90 ug/L
RT: 9.671 min Scan# 1807
Delta R.T. -0.000 min
Lab File: p21411.D
Acq: 6 Sep 2007 2:51 pm

Tgt Ion: 78 Resp: 1995

Ion	Ratio	Lower	Upper
78	100		
77	126.1	0.0	53.3#

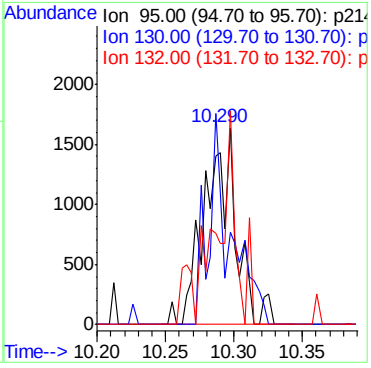


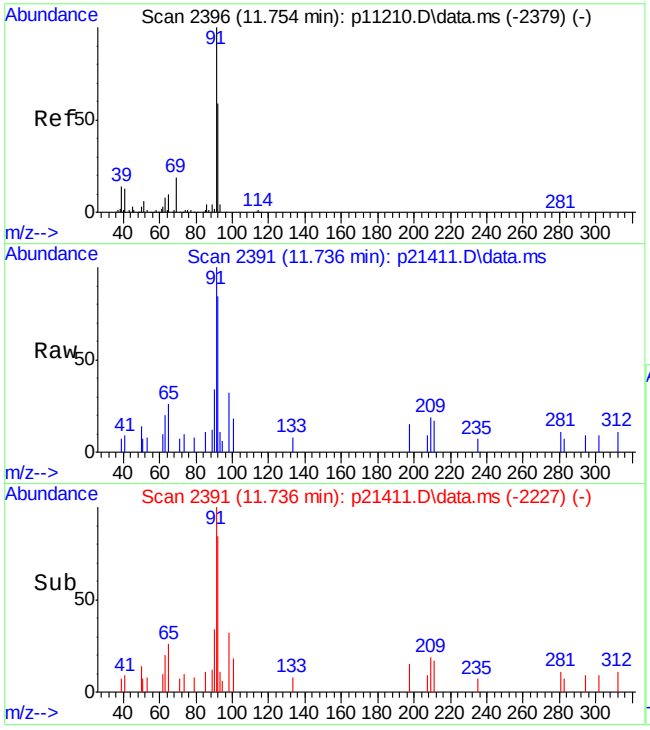


#50
trichloroethene
Concen: 3.90 ug/L
RT: 10.290 min Scan# 1982
Delta R.T. 0.001 min
Lab File: p21411.D
Acq: 6 Sep 2007 2:51 pm

Tgt Ion: 95 Resp: 2599

Ion	Ratio	Lower	Upper
95	100		
130	66.9	58.6	118.6
132	41.6	57.6	117.6#

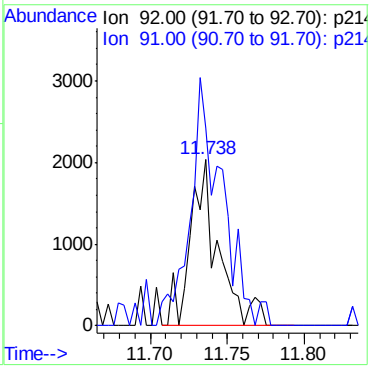


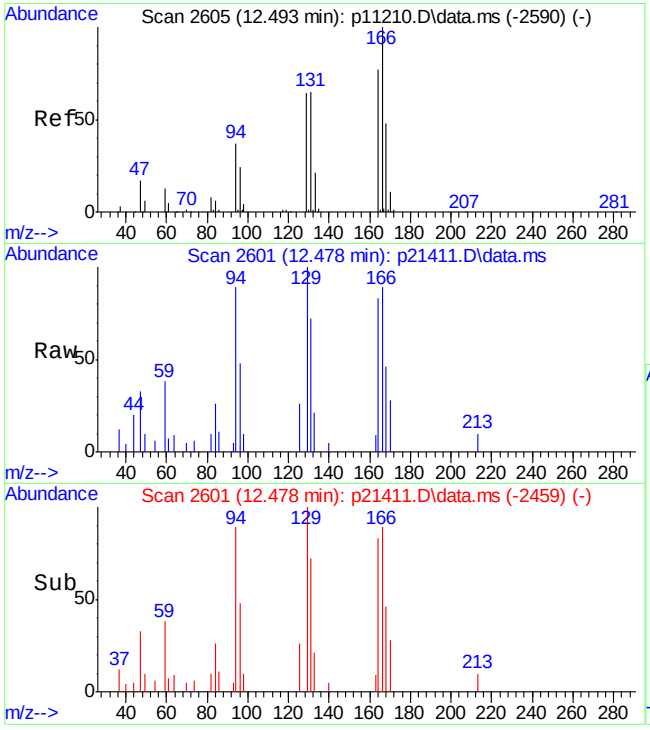


#61
toluene
Concen: 0.68 ug/L
RT: 11.738 min Scan# 2391
Delta R.T. -0.000 min
Lab File: p21411.D
Acq: 6 Sep 2007 2:51 pm

Tgt Ion: 92 Resp: 2582

Ion	Ratio	Lower	Upper
92	100		
91	118.5	139.5	199.5#

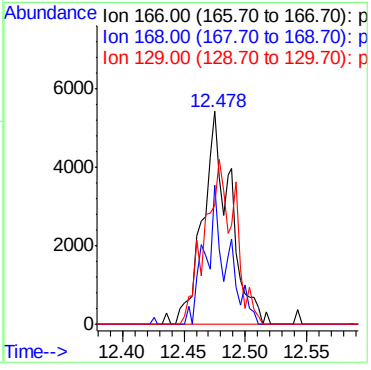




#66
tetrachloroethene
Concen: 8.45 ug/L
RT: 12.478 min Scan# 2601
Delta R.T. 0.001 min
Lab File: p21411.D
Acq: 6 Sep 2007 2:51 pm

Tgt Ion:166 Resp: 8538

Ion	Ratio	Lower	Upper
166	100		
168	51.7	17.6	77.6
129	112.5	42.2	102.2#



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21408.D
Acq On : 6 Sep 2007 1:27 pm
Operator : amym
Sample : mb
Misc : ms14247,msp736,,,,5,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 06 13:58:19 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) tert butyl alcohol-d9	6.571	65	174452	500.00 ug/L	0.00
3) pentafluorobenzene	9.000	168	119859	50.00 ug/L	0.00
42) 1,4-difluorobenzene	9.870	114	188625	50.00 ug/L	0.00
65) chlorobenzene-d5	13.125	82	134537	50.00 ug/L	0.00
79) 1,4-dichlorobenzene-d4	15.685	152	89059	50.00 ug/L	0.00

System Monitoring Compounds

39) dibromofluoromethane (s)	8.643	113	66293	49.49 ug/L	0.00
Spiked Amount 50.000	Range 85 - 129		Recovery = 98.98%		
59) toluene-d8 (s)	11.667	98	251394	49.42 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.84%		
81) bromofluorobenzene (s)	14.350	95	120616	48.74 ug/L	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 97.48%		

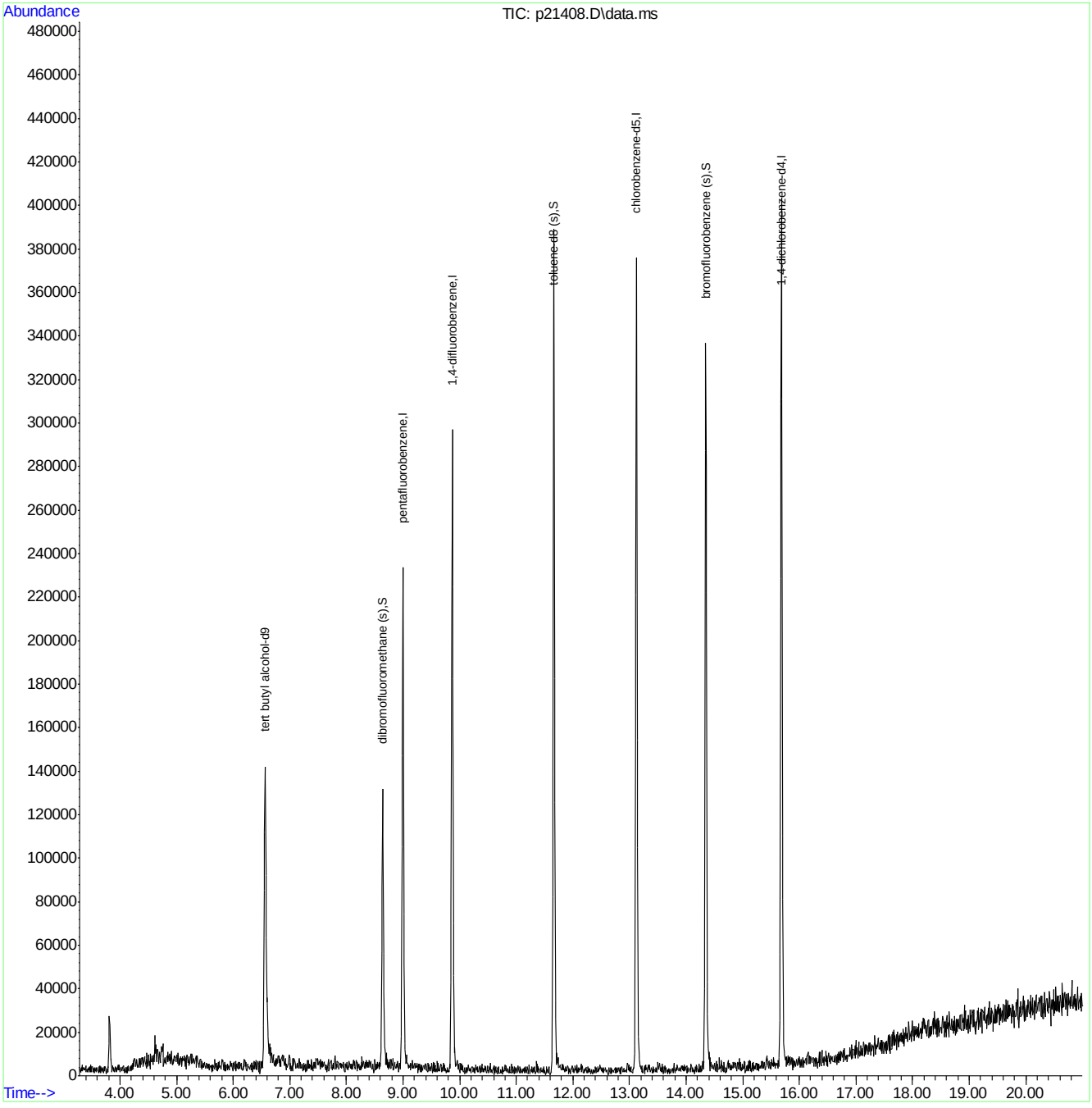
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21408.D
Acq On : 6 Sep 2007 1:27 pm
Operator : amym
Sample : mb
Misc : ms14247,msp736,,,,5,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 06 13:58:19 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration



P090407w.M Thu Sep 06 13:58:31 2007 RP

ACCUTEST Laboratories
M67399

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
09/07/07 12:56

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21405.D
Acq On : 6 Sep 2007 12:03 pm
Operator : amym
Sample : bs
Misc : ms14247,msp736,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 06 13:54:48 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.569	65	184529	500.00	ug/L	0.00
3) pentafluorobenzene	8.998	168	119488	50.00	ug/L	0.00
42) 1,4-difluorobenzene	9.868	114	190965	50.00	ug/L	0.00
65) chlorobenzene-d5	13.121	82	145130	50.00	ug/L	0.00
79) 1,4-dichlorobenzene-d4	15.683	152	92813	50.00	ug/L	0.00

System Monitoring Compounds

39) dibromofluoromethane (s)	8.641	113	69603	52.12	ug/L	0.00
Spiked Amount 50.000	Range 85 - 129		Recovery = 104.24%			
59) toluene-d8 (s)	11.665	98	258208	50.14	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.28%			
81) bromofluorobenzene (s)	14.347	95	127449	49.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 98.84%			

Target Compounds

						Qvalue
2) tertiary butyl alcohol	6.652	59	213990	465.96	ug/L	100
4) Ethanol	5.433	45	172538	4966.71	ug/L	98
5) dichlorodifluoromethane	4.240	85	108342	77.91	ug/L	94
6) chloromethane	4.493	50	41757	49.46	ug/L	81
7) vinyl chloride	4.736	62	67202	58.07	ug/L	93
8) bromomethane	5.244	96	21024	39.78	ug/L	81
9) chloroethane	5.412	64	34762	58.51	ug/L	81
10) ethyl ether	6.304	59	61287	48.56	ug/L	73
11) acetonitrile	5.958	41	80650	89.45	ug/L	94
12) trichlorofluoromethane	6.063	101	149892	56.80	ug/L	93
13) freon-113	6.836	101	66030	50.36	ug/L	87
14) acrolein	6.055	56	126838	250.68	ug/L	85
15) 1,1-dichloroethene	6.647	96	72035	59.02	ug/L	79
16) acetone	6.190	43	63292	41.98	ug/L	72
17) Methyl Acetate	6.829	43	148718	43.88	ug/L	96
18) methylene chloride	6.800	84	74725	53.05	ug/L	85
19) methyl tert butyl ether	7.582	73	184082	43.03	ug/L	87
20) acrylonitrile	6.698	53	194872	233.31	ug/L	85
21) allyl chloride	6.893	41	69995	53.29	ug/L	81
22) trans-1,2-dichloroethene	7.492	96	71232	59.18	ug/L	90
23) iodomethane	6.713	142	21999	44.39	ug/L	73
24) carbon disulfide	7.078	76	209865	54.21	ug/L	97
25) propionitrile	7.760	54	16475	45.64	ug/L	100
26) vinyl acetate	7.846	43	60142	57.58	ug/L	88
27) chloroprene	8.111	53	133507	52.46	ug/L	80
28) di-isopropyl ether	8.146	45	225874	48.14	ug/L #	67
29) methacrylonitrile	8.266	41	70223	45.09	ug/L	99
30) 2-butanone	8.154	72	17377	46.99	ug/L #	40
31) Hexane	8.134	41	128184	53.78	ug/L #	88
32) 1,1-dichloroethane	7.745	63	136210	48.79	ug/L	94
33) tert-butyl ethyl ether	8.542	59	66435	37.67	ug/L	83
34) isobutyl alcohol	8.579	43	42976m	239.11	ug/L	
35) 2,2-dichloropropane	8.603	77	18404	42.41	ug/L	78
36) cis-1,2-dichloroethene	8.315	96	69787	48.21	ug/L #	77
37) bromochloromethane	8.482	128	27757	50.37	ug/L	90

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21405.D
Acq On : 6 Sep 2007 12:03 pm
Operator : amym
Sample : bs
Misc : ms14247,msp736,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 06 13:54:48 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
38) chloroform	8.520	83	177928	46.99 ug/L	96
40) Tetrahydrofuran	8.850	42	37014	48.81 ug/L #	41
41) 1,1,1-trichloroethane	9.270	97	116406	45.92 ug/L	97
43) Cyclohexane	9.553	56	99821	52.49 ug/L #	72
44) carbon tetrachloride	9.635	117	101733	43.67 ug/L	88
45) 1,1-dichloropropene	9.445	75	118557	51.47 ug/L	90
46) benzene	9.671	78	286385	49.31 ug/L	92
47) 1,2-dichloroethane	9.172	62	184031	49.76 ug/L	90
48) tert-amyl methyl ether	9.786	73	96712	42.68 ug/L	97
49) heptane	10.145	43	81424	68.08 ug/L	80
50) trichloroethene	10.289	95	82931	46.46 ug/L	84
51) 1,2-dichloropropane	10.256	63	69590	46.19 ug/L	99
52) dibromomethane	10.231	93	54730	48.42 ug/L	88
53) bromodichloromethane	10.343	83	140252	45.47 ug/L	97
54) Methylcyclohexane	10.806	83	102646	55.07 ug/L	91
55) 2-chloroethyl vinyl ether	10.804	63	2028	67.45 ug/L #	10
56) methyl methacrylate	10.434	69	69563	46.74 ug/L	79
57) 1,4-dioxane	10.438	88	8785	222.62 ug/L	77
58) cis-1,3-dichloropropene	10.960	75	89391	41.70 ug/L	85
60) 4-methyl-2-pentanone	11.056	43	128629	45.03 ug/L	90
61) toluene	11.737	92	173616	41.86 ug/L	100
62) trans-1,3-dichloropropene	11.379	75	85076	39.93 ug/L	80
63) 1,1,2-trichloroethane	11.550	83	60200	47.26 ug/L	97
64) ethyl methacrylate	11.752	69	103596	45.66 ug/L	96
66) tetrachloroethene	12.477	166	66922	52.37 ug/L	93
67) 1,3-dichloropropane	11.786	76	140854	47.04 ug/L	88
68) dibromochloromethane	12.077	129	80924	45.18 ug/L	99
69) 1,2-dibromoethane	12.330	107	79259	47.52 ug/L	93
70) 2-hexanone	11.914	43	103762	45.06 ug/L	90
71) chlorobenzene	13.157	112	177650	49.72 ug/L	85
72) 1,1,1,2-tetrachloroethane	13.076	131	69452	48.45 ug/L	80
73) ethylbenzene	13.331	91	371365	44.95 ug/L	91
74) m,p-xylene	13.515	106	244323	97.44 ug/L	82
75) o-xylene	13.928	106	121057	49.19 ug/L	86
76) styrene	13.855	104	199583	45.79 ug/L	70
77) bromoform	13.682	173	68009	45.70 ug/L	89
78) trans-1,4-dichloro-2-b...	14.076	53	13073	46.07 ug/L #	62
80) isopropylbenzene	14.290	105	297793	48.51 ug/L	83
82) bromobenzene	14.580	156	77155	48.11 ug/L	95
83) 1,1,2,2-tetrachloroethane	13.931	83	113978	50.17 ug/L	95
84) 1,2,3-trichloropropane	14.078	75	131701	42.96 ug/L	91
85) n-propylbenzene	14.735	91	402208	48.70 ug/L	92
86) 2-chlorotoluene	14.855	91	270267	49.26 ug/L	84
87) 4-chlorotoluene	14.931	91	280251	48.91 ug/L	86
88) 1,3,5-trimethylbenzene	15.011	105	293483	46.89 ug/L	87
89) tert-butylbenzene	15.318	91	201106	49.75 ug/L	77
90) 1,2,4-trimethylbenzene	15.422	105	308800	50.07 ug/L	97
91) sec-butylbenzene	15.540	105	342098	52.97 ug/L	91
92) 1,3-dichlorobenzene	15.645	146	134006	49.62 ug/L	95
93) p-isopropyltoluene	15.711	119	283822	51.46 ug/L	93

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21405.D
Acq On : 6 Sep 2007 12:03 pm
Operator : amym
Sample : bs
Misc : ms14247,msp736,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 06 13:54:48 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

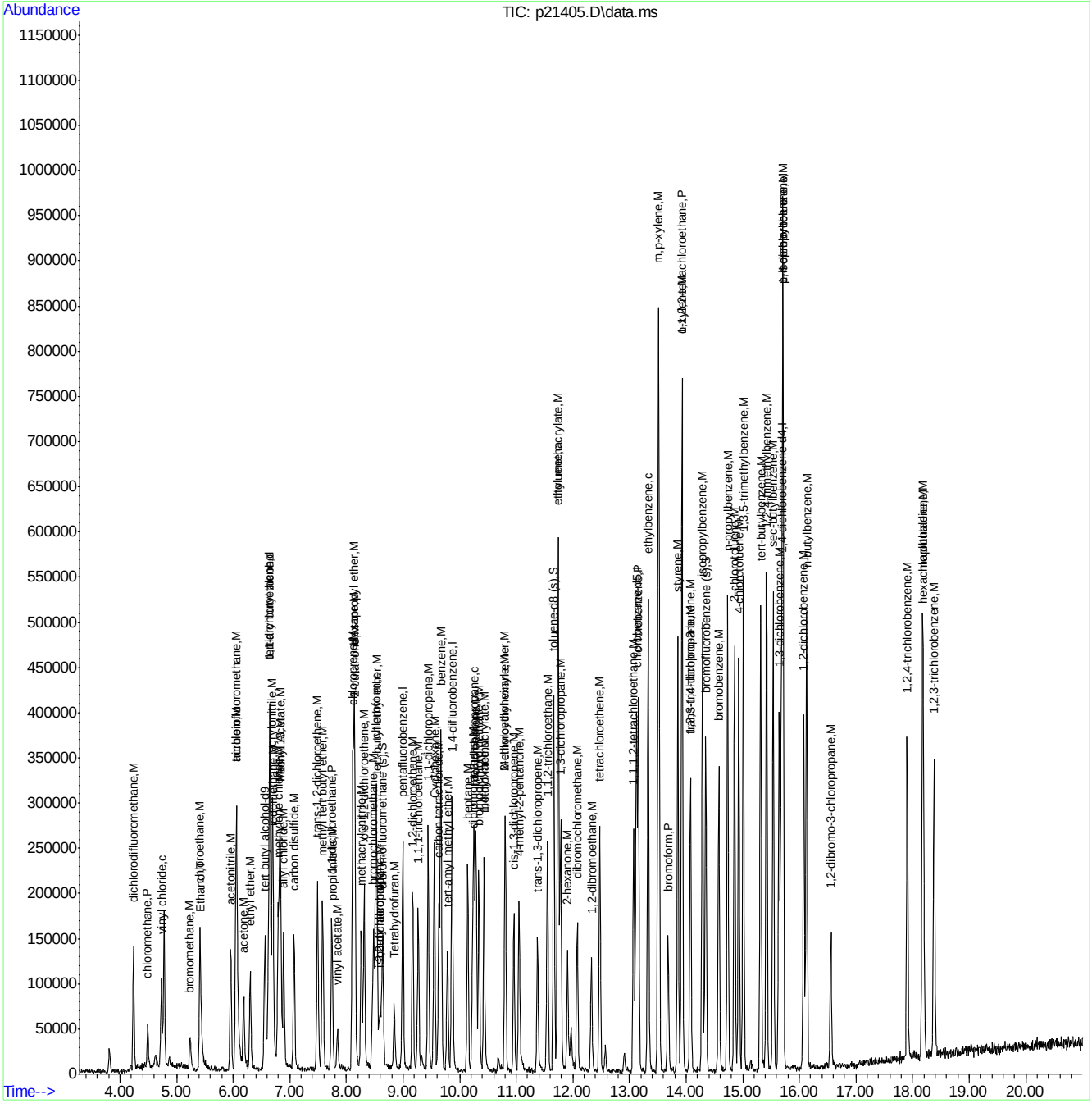
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
94) 1,4-dichlorobenzene	15.711	146	140672	49.55 ug/L	94
95) 1,2-dichlorobenzene	16.080	146	130929	48.42 ug/L	84
96) n-butylbenzene	16.129	91	296933	54.17 ug/L	98
97) 1,2-dibromo-3-chloropr...	16.557	75	47364	45.23 ug/L #	64
98) 1,2,4-trichlorobenzene	17.908	180	100230	51.91 ug/L	83
99) hexachlorobutadiene	18.196	225	47684	51.44 ug/L	99
100) naphthalene	18.178	128	287017	47.90 ug/L	100
101) 1,2,3-trichlorobenzene	18.383	180	89265	49.29 ug/L	94

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21405.D
Acq On : 6 Sep 2007 12:03 pm
Operator : amym
Sample : bs
Misc : ms14247,msp736,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 06 13:54:48 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration



P090407w.M Thu Sep 06 13:55:26 2007 RP

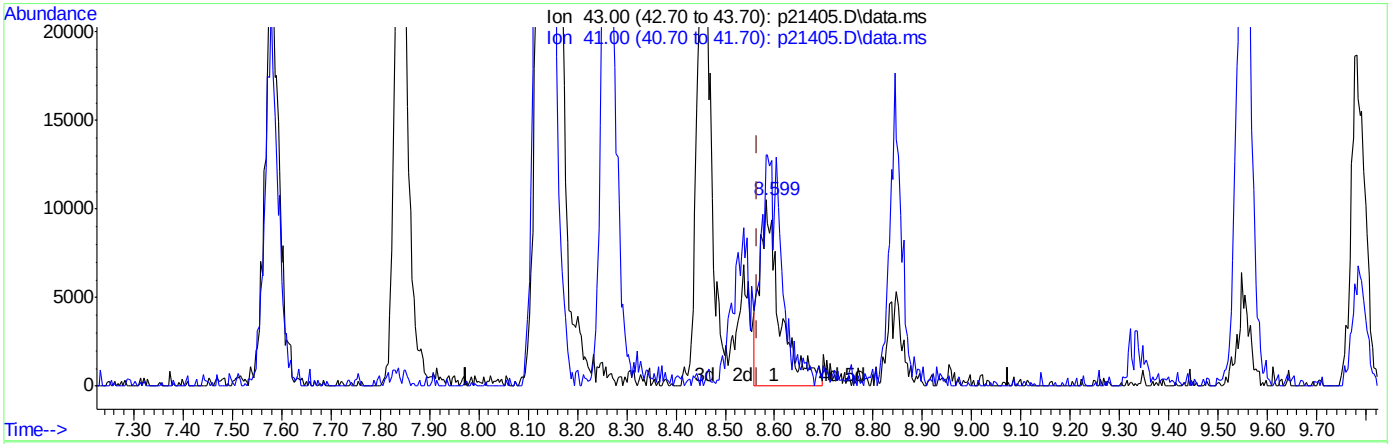
Page: 4

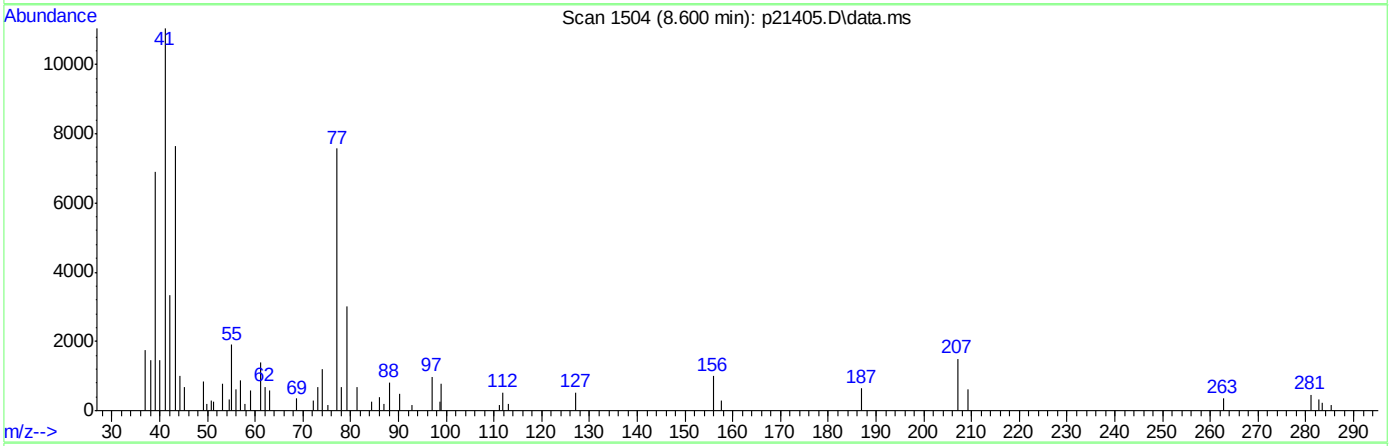
ACCUTEST Laboratories M67399

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21405.D
Acq On : 6 Sep 2007 12:03 pm
Operator : amym
Sample : bs
Misc : ms14247,msp736,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 06 13:50:02 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration





TIC: p21405.D\data.ms

(34) isobutyl alcohol (M)

8.599min (+0.034) 183.29ug/L

response 29864

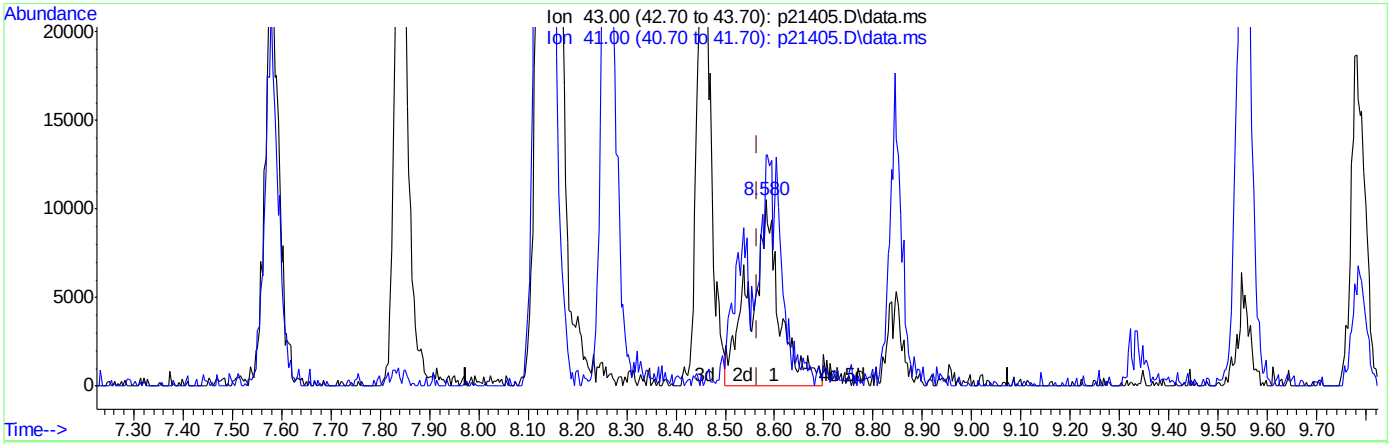
Ion	Exp%	Act%
43.00	100	100
41.00	142.10	144.38
0.00	0.00	0.00
0.00	0.00	0.00

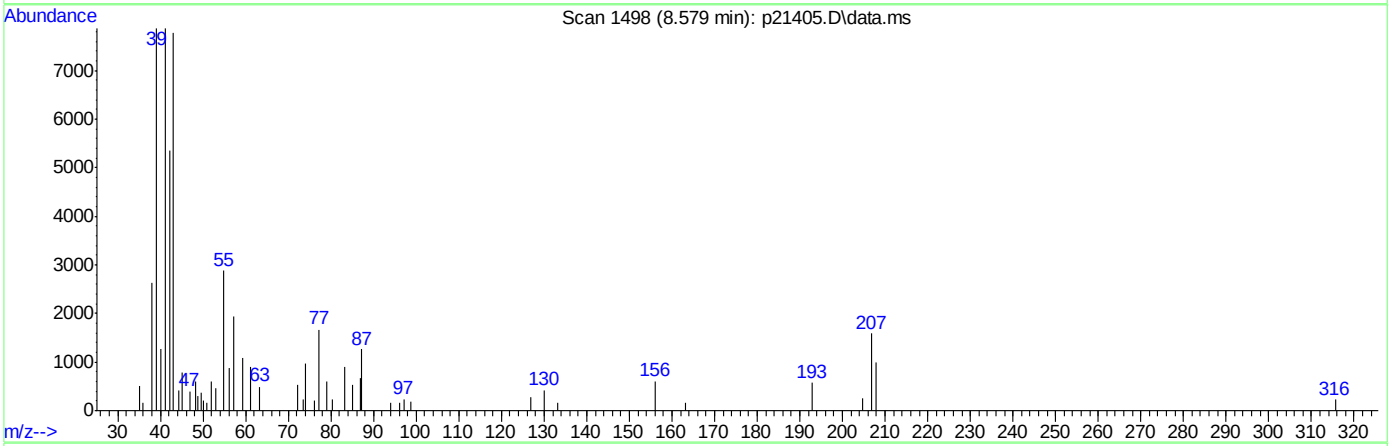
ACCUTEST Laboratories M67399

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21405.D
Acq On : 6 Sep 2007 12:03 pm
Operator : amym
Sample : bs
Misc : ms14247,msp736,,,,5,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 06 13:50:02 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration





TIC: p21405.D\data.ms

(34) isobutyl alcohol (M)

8.579min (+0.014) 239.11ug/L m

response 42976

Ion	Exp%	Act%
43.00	100	100
41.00	142.10	101.22#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
09/07/07 12:56

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21406.D
Acq On : 6 Sep 2007 12:31 pm
Operator : amym
Sample : bsd
Misc : ms14247,msp736,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 06 13:56:19 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.568	65	190727	500.00	ug/L	0.00
3) pentafluorobenzene	8.998	168	125221	50.00	ug/L	0.00
42) 1,4-difluorobenzene	9.869	114	190631	50.00	ug/L	0.00
65) chlorobenzene-d5	13.122	82	141734	50.00	ug/L	0.00
79) 1,4-dichlorobenzene-d4	15.684	152	90627	50.00	ug/L	0.00

System Monitoring Compounds

39) dibromofluoromethane (s)	8.640	113	69244	49.48	ug/L	0.00
Spiked Amount 50.000	Range 85 - 129		Recovery = 98.96%			
59) toluene-d8 (s)	11.664	98	260380	50.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.30%			
81) bromofluorobenzene (s)	14.347	95	126424	50.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 100.42%			

Target Compounds

						Qvalue
2) tertiary butyl alcohol	6.653	59	225965	476.05	ug/L	99
4) Ethanol	5.430	45	168909	4617.96	ug/L	99
5) dichlorodifluoromethane	4.240	85	98648	67.69	ug/L	94
6) chloromethane	4.495	50	43501	49.21	ug/L	96
7) vinyl chloride	4.737	62	61230	50.53	ug/L	96
8) bromomethane	5.242	96	19367	34.96	ug/L	86
9) chloroethane	5.412	64	32403	51.82	ug/L	96
10) ethyl ether	6.304	59	55355	41.86	ug/L	65
11) acetonitrile	5.959	41	75837	77.90	ug/L	83
12) trichlorofluoromethane	6.064	101	144447	52.39	ug/L	96
13) freon-113	6.838	101	64275	46.77	ug/L	82
14) acrolein	6.053	56	124005	233.86	ug/L	95
15) 1,1-dichloroethene	6.649	96	66881	51.67	ug/L #	62
16) acetone	6.189	43	62060	38.97	ug/L	72
17) Methyl Acetate	6.828	43	143262	40.33	ug/L #	91
18) methylene chloride	6.800	84	72943	49.34	ug/L	82
19) methyl tert butyl ether	7.583	73	178424	40.05	ug/L	92
20) acrylonitrile	6.700	53	199974	228.46	ug/L	99
21) allyl chloride	6.895	41	70268	51.05	ug/L	93
22) trans-1,2-dichloroethene	7.493	96	60304	47.79	ug/L #	79
23) iodomethane	6.714	142	20829	41.21	ug/L	81
24) carbon disulfide	7.078	76	185783	45.79	ug/L	99
25) propionitrile	7.756	54	16672	44.07	ug/L	100
26) vinyl acetate	7.844	43	59009	54.64	ug/L	97
27) chloroprene	8.111	53	119314	44.73	ug/L	81
28) di-isopropyl ether	8.146	45	223737	45.45	ug/L	76
29) methacrylonitrile	8.267	41	73054	44.76	ug/L	93
30) 2-butanone	8.153	72	17881	46.14	ug/L #	76
31) Hexane	8.134	41	111785	44.75	ug/L	89
32) 1,1-dichloroethane	7.744	63	137371	46.97	ug/L	98
33) tert-butyl ethyl ether	8.543	59	68318	37.18	ug/L	86
34) isobutyl alcohol	8.579	43	44410m	236.56	ug/L	
35) 2,2-dichloropropane	8.605	77	19804	42.86	ug/L	91
36) cis-1,2-dichloroethene	8.316	96	67023	44.08	ug/L	84
37) bromochloromethane	8.483	128	26055	44.96	ug/L #	68

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21406.D
Acq On : 6 Sep 2007 12:31 pm
Operator : amym
Sample : bsd
Misc : ms14247,msp736,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 06 13:56:19 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
38) chloroform	8.519	83	168229	42.39 ug/L	94
40) Tetrahydrofuran	8.848	42	37859	47.64 ug/L	86
41) 1,1,1-trichloroethane	9.270	97	111875	42.84 ug/L	91
43) Cyclohexane	9.554	56	90685	47.77 ug/L #	80
44) carbon tetrachloride	9.635	117	94663	40.70 ug/L	94
45) 1,1-dichloropropene	9.445	75	116753	50.82 ug/L	87
46) benzene	9.671	78	278107	48.01 ug/L	94
47) 1,2-dichloroethane	9.172	62	173858	47.17 ug/L	95
48) tert-amyl methyl ether	9.787	73	100410	44.21 ug/L	95
49) heptane	10.144	43	66181	55.43 ug/L	73
50) trichloroethene	10.290	95	81413	45.72 ug/L	77
51) 1,2-dichloropropane	10.255	63	70559	46.92 ug/L	96
52) dibromomethane	10.230	93	54329	48.14 ug/L	96
53) bromodichloromethane	10.343	83	126591	41.12 ug/L	87
54) Methylcyclohexane	10.805	83	92001	49.45 ug/L	97
55) 2-chloroethyl vinyl ether	10.796	63	2572	86.19 ug/L #	46
56) methyl methacrylate	10.434	69	71091	47.85 ug/L	90
57) 1,4-dioxane	10.439	88	9005	228.53 ug/L #	1
58) cis-1,3-dichloropropene	10.959	75	87323	40.94 ug/L	94
60) 4-methyl-2-pentanone	11.052	43	130383	45.73 ug/L	96
61) toluene	11.737	92	167816	40.53 ug/L	97
62) trans-1,3-dichloropropene	11.379	75	86035	40.36 ug/L	99
63) 1,1,2-trichloroethane	11.550	83	60037	47.21 ug/L	93
64) ethyl methacrylate	11.751	69	108773	47.55 ug/L	94
66) tetrachloroethene	12.478	166	62135	49.85 ug/L	91
67) 1,3-dichloropropane	11.785	76	132859	45.44 ug/L	98
68) dibromochloromethane	12.077	129	80611	46.09 ug/L	89
69) 1,2-dibromoethane	12.330	107	77241	47.43 ug/L	93
70) 2-hexanone	11.912	43	103808	46.16 ug/L	88
71) chlorobenzene	13.158	112	174197	49.92 ug/L	75
72) 1,1,1,2-tetrachloroethane	13.076	131	67403	48.16 ug/L	88
73) ethylbenzene	13.330	91	354769	43.97 ug/L	90
74) m,p-xylene	13.515	106	229852	93.98 ug/L #	67
75) o-xylene	13.928	106	112853	47.01 ug/L #	73
76) styrene	13.856	104	199699	46.91 ug/L	68
77) bromoform	13.682	173	66623	45.84 ug/L	99
78) trans-1,4-dichloro-2-b...	14.075	53	12841	46.28 ug/L #	88
80) isopropylbenzene	14.290	105	278010	46.38 ug/L	95
82) bromobenzene	14.580	156	71967	45.92 ug/L	93
83) 1,1,2,2-tetrachloroethane	13.931	83	117290	52.88 ug/L	92
84) 1,2,3-trichloropropane	14.079	75	135225	45.18 ug/L	96
85) n-propylbenzene	14.735	91	381988	47.37 ug/L	99
86) 2-chlorotoluene	14.856	91	254396	47.46 ug/L	90
87) 4-chlorotoluene	14.931	91	272027	48.62 ug/L	88
88) 1,3,5-trimethylbenzene	15.012	105	274614	44.93 ug/L	91
89) tert-butylbenzene	15.318	91	185850	47.09 ug/L	80
90) 1,2,4-trimethylbenzene	15.422	105	295201	49.02 ug/L	86
91) sec-butylbenzene	15.540	105	304896	48.35 ug/L	98
92) 1,3-dichlorobenzene	15.645	146	127887	48.48 ug/L	88
93) p-isopropyltoluene	15.712	119	251744	46.75 ug/L	91

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21406.D
Acq On : 6 Sep 2007 12:31 pm
Operator : amym
Sample : bsd
Misc : ms14247,msp736,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 06 13:56:19 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

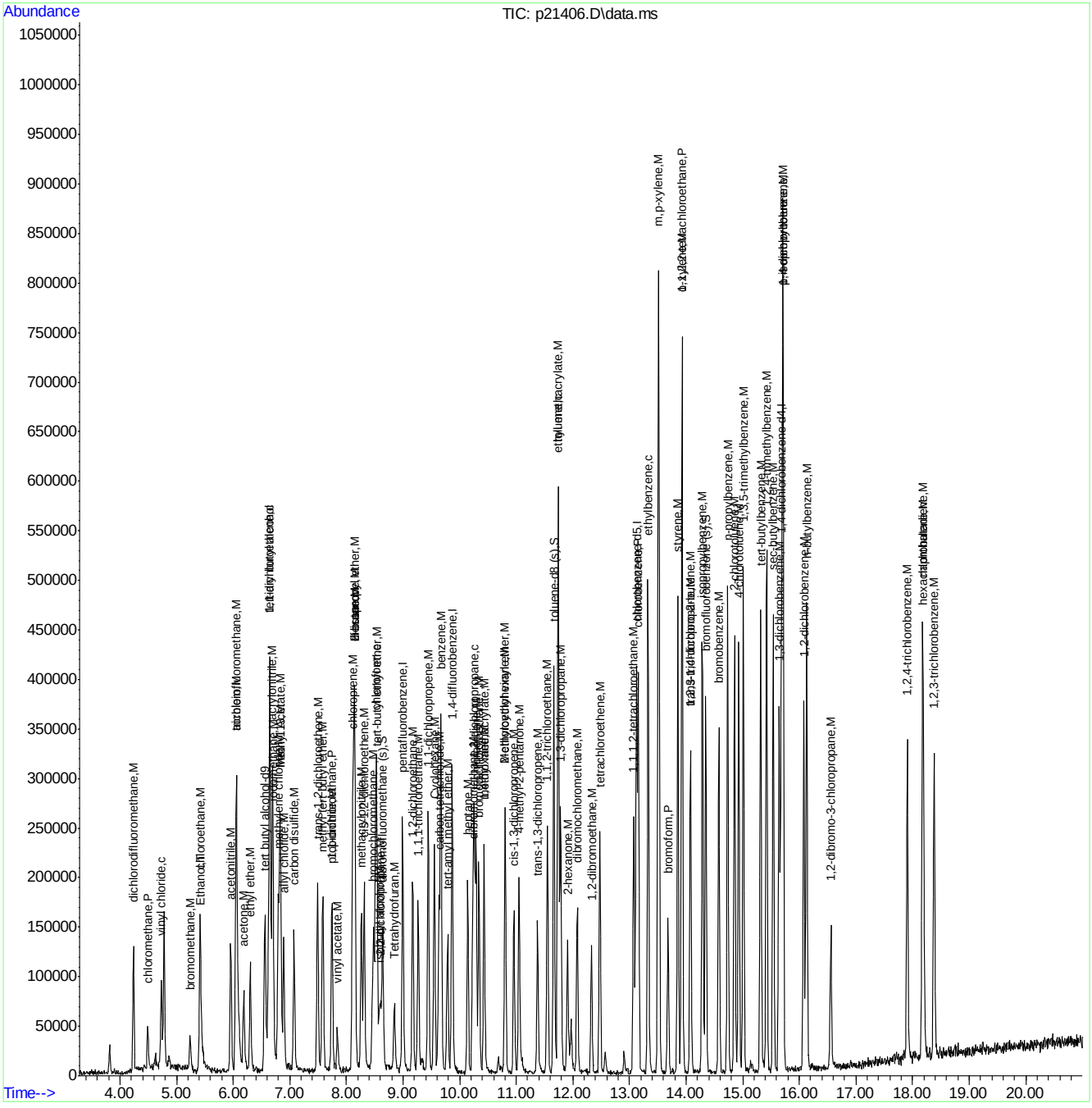
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
94) 1,4-dichlorobenzene	15.712	146	131373	47.42 ug/L	85
95) 1,2-dichlorobenzene	16.080	146	129464	49.04 ug/L	87
96) n-butylbenzene	16.129	91	261705	48.90 ug/L	91
97) 1,2-dibromo-3-chloropr...	16.557	75	44744	43.76 ug/L	75
98) 1,2,4-trichlorobenzene	17.908	180	86489	45.88 ug/L	84
99) hexachlorobutadiene	18.196	225	43519	48.08 ug/L	95
100) naphthalene	18.178	128	268910	45.96 ug/L	100
101) 1,2,3-trichlorobenzene	18.383	180	83734	47.35 ug/L	100

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21406.D
Acq On : 6 Sep 2007 12:31 pm
Operator : amym
Sample : bsd
Misc : ms14247,msp736,,,,5,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 06 13:56:19 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration



ACCUTEST Laboratories M67399

Quantitation Report (Qedit)

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Data Path : C:\msdchem\1\DATA\
Data File : p21406.D
Acq On    :  6 Sep 2007  12:31 pm
Operator  : amym
Sample    : bsd
Misc      : ms14247,msp736,,,,5,1
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 06 13:50:05 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title  : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration
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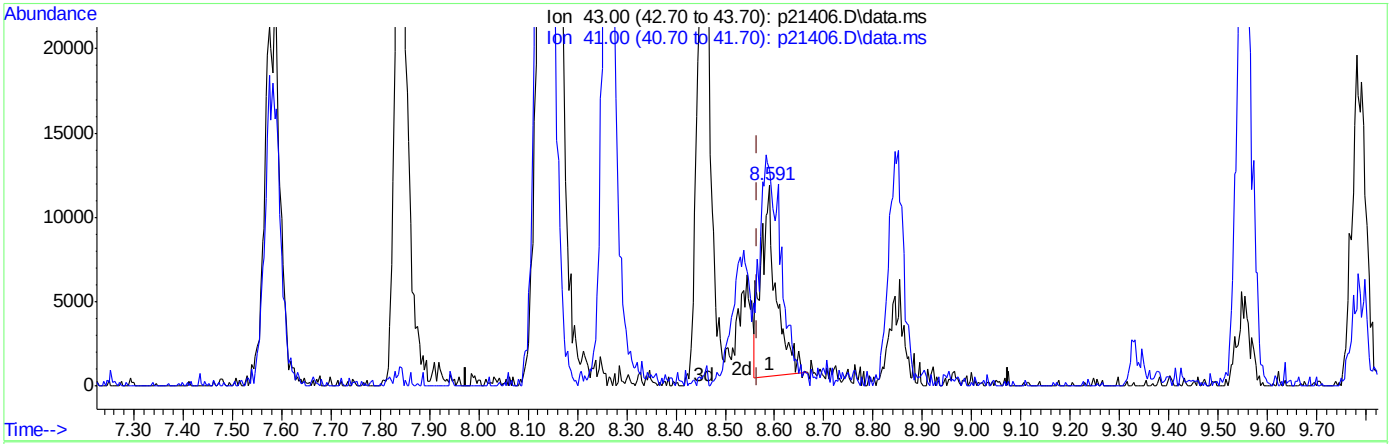

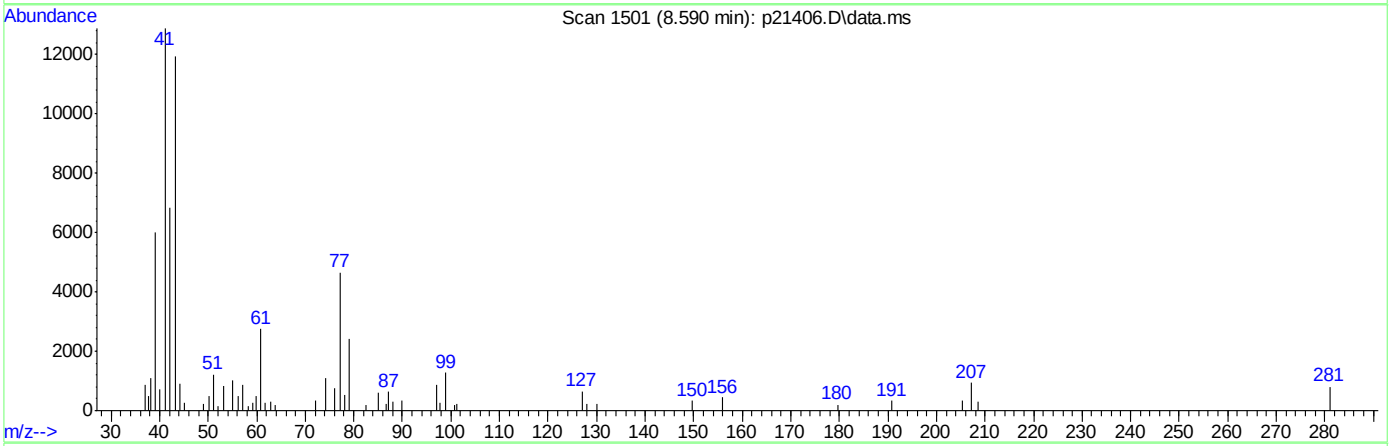

TIC: p21406.D\data.ms

(34) isobutyl alcohol (M)

8.591min (+0.026) 155.10ug/L

response 24358

Ion	Exp%	Act%
43.00	100	100
41.00	142.10	109.19#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : p21406.D
Acq On    :  6 Sep 2007  12:31 pm
Operator  : amym
Sample    : bsd
Misc      : ms14247,msp736,,,,5,1
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 06 13:50:05 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title  : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration
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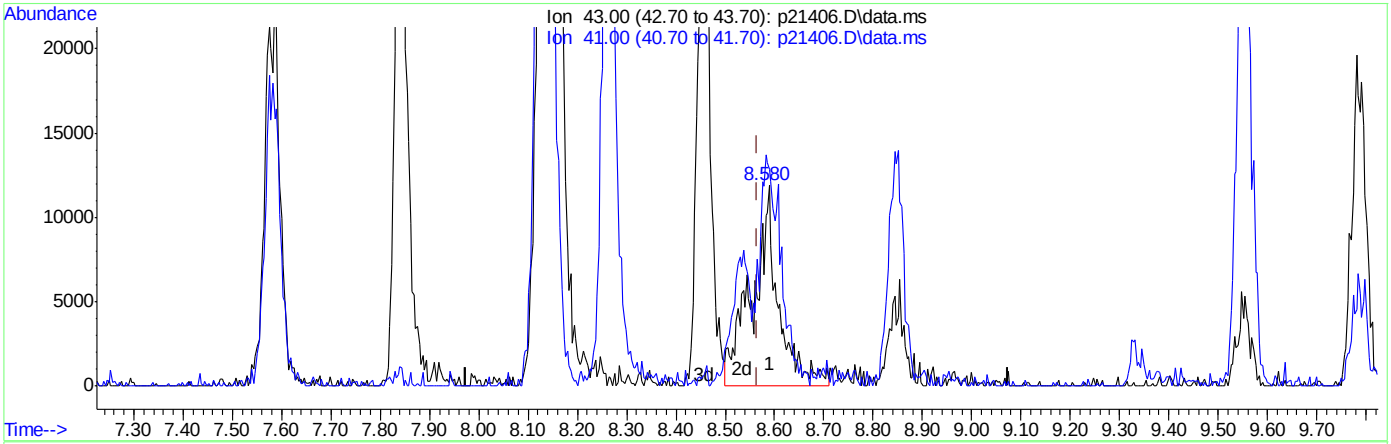
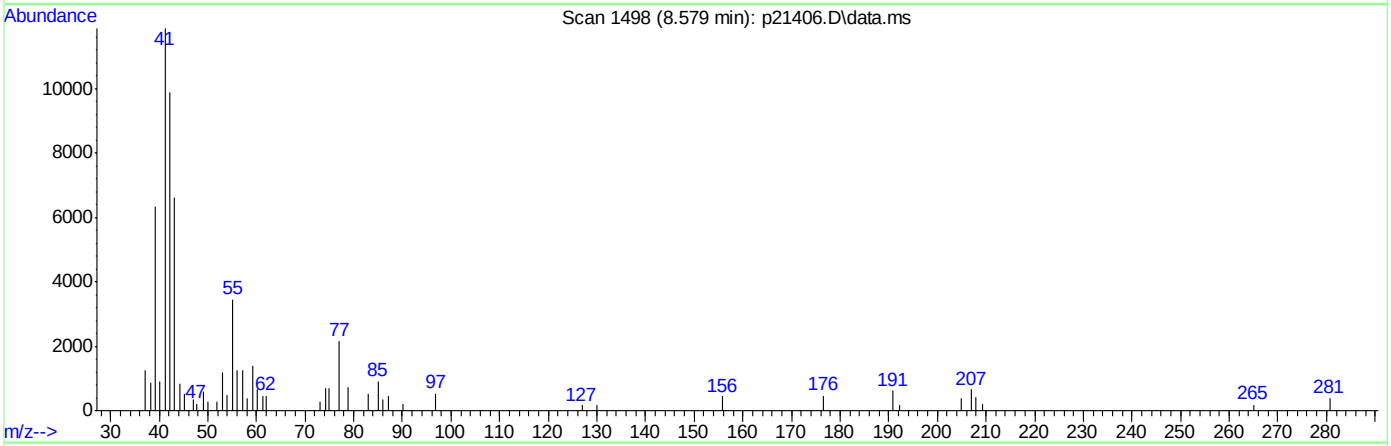




TIC: p21406.D\data.ms

(34) isobutyl alcohol (M)

8.579min (+0.014) 236.56ug/L m

response 44410

Ion	Exp%	Act%
43.00	100	100
41.00	142.10	179.49#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
09/07/07 12:56

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21420.D
Acq On : 6 Sep 2007 7:11 pm
Operator : amym
Sample : m67386-2ms
Misc : ms14251,msp736,,,,5,5
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 07 10:46:19 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.564	65	156151	500.00	ug/L	0.00
3) pentafluorobenzene	8.997	168	110702	50.00	ug/L	0.00
42) 1,4-difluorobenzene	9.868	114	169984	50.00	ug/L	0.00
65) chlorobenzene-d5	13.122	82	132830	50.00	ug/L	0.00
79) 1,4-dichlorobenzene-d4	15.684	152	86457	50.00	ug/L	0.00

System Monitoring Compounds

39) dibromofluoromethane (s)	8.641	113	62872	50.82	ug/L	0.00
Spiked Amount 50.000	Range 85 - 129		Recovery = 101.64%			
59) toluene-d8 (s)	11.664	98	231817	50.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.14%			
81) bromofluorobenzene (s)	14.348	95	113893	47.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 94.82%			

Target Compounds						Qvalue
2) tertiary butyl alcohol	6.651	59	228174	587.14	ug/L	94
4) Ethanol	5.433	45	158508	4922.21	ug/L	99
5) dichlorodifluoromethane	4.239	85	93709	72.74	ug/L	95
6) chloromethane	4.492	50	36619	47.20	ug/L	99
7) vinyl chloride	4.737	62	59688	55.69	ug/L	98
8) bromomethane	5.242	96	17716	36.17	ug/L	92
9) chloroethane	5.411	64	32088	58.29	ug/L	95
10) ethyl ether	6.304	59	52362	44.79	ug/L	98
11) acetonitrile	5.958	41	68575	80.18	ug/L	94
12) trichlorofluoromethane	6.064	101	131939	54.06	ug/L	99
13) freon-113	6.837	101	313024	257.67	ug/L	96
14) acrolein	6.052	56	93858	200.22	ug/L	98
15) 1,1-dichloroethene	6.648	96	334100	317.29	ug/L #	77
16) acetone	6.190	43	57331	40.94	ug/L	82
17) Methyl Acetate	6.829	43	131396	41.84	ug/L #	96
18) methylene chloride	6.805	84	72168	55.34	ug/L	82
19) methyl tert butyl ether	7.582	73	167101	42.23	ug/L	83
20) acrylonitrile	6.698	53	171789	222.00	ug/L	78
21) allyl chloride	6.892	41	68880	56.60	ug/L	98
22) trans-1,2-dichloroethene	7.489	96	56808	50.93	ug/L	86
23) iodomethane	6.713	142	12879m	32.37	ug/L	
24) carbon disulfide	7.077	76	168178	46.89	ug/L	94
25) propionitrile	7.755	54	14401	43.06	ug/L	100
26) vinyl acetate	7.846	43	54991	56.97	ug/L	98
27) chloroprene	8.111	53	118845	50.40	ug/L	81
28) di-isopropyl ether	8.145	45	197737	45.44	ug/L	75
29) methacrylonitrile	8.266	41	66516	46.10	ug/L	86
30) 2-butanone	8.153	72	15677	45.76	ug/L #	38
31) Hexane	8.134	41	107106	48.50	ug/L #	70
32) 1,1-dichloroethane	7.745	63	139835	54.03	ug/L	96
33) tert-butyl ethyl ether	8.542	59	64211	38.79	ug/L	94
34) isobutyl alcohol	8.575	43	35131	217.58	ug/L #	48
35) 2,2-dichloropropane	8.603	77	21255	46.55	ug/L	84
36) cis-1,2-dichloroethene	8.316	96	72550	54.24	ug/L #	60
37) bromochloromethane	8.481	128	25625	50.19	ug/L #	72

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21420.D
Acq On : 6 Sep 2007 7:11 pm
Operator : amym
Sample : m67386-2ms
Misc : ms14251,msp736,,,,5,5
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 07 10:46:19 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
38) chloroform	8.519	83	164510	46.89 ug/L	98
40) Tetrahydrofuran	8.848	42	33856	48.19 ug/L	74
41) 1,1,1-trichloroethane	9.270	97	1675847	586.00 ug/L	98
43) Cyclohexane	9.553	56	80701	47.67 ug/L #	85
44) carbon tetrachloride	9.634	117	103866	50.09 ug/L	85
45) 1,1-dichloropropene	9.444	75	103900	50.72 ug/L	91
46) benzene	9.671	78	256580	49.63 ug/L	99
47) 1,2-dichloroethane	9.171	62	165281	50.19 ug/L	97
48) tert-amyl methyl ether	9.787	73	89404	44.16 ug/L	93
49) heptane	10.143	43	59488	55.88 ug/L	79
50) trichloroethene	10.288	95	220922	134.28 ug/L	84
51) 1,2-dichloropropane	10.256	63	64010	47.73 ug/L	94
52) dibromomethane	10.231	93	51812	51.60 ug/L	83
53) bromodichloromethane	10.343	83	131107	47.76 ug/L	91
54) Methylcyclohexane	10.805	83	86197	51.96 ug/L	87
55) 2-chloroethyl vinyl ether	10.799	63	2079	78.84 ug/L #	33
56) methyl methacrylate	10.434	69	64660	48.81 ug/L	83
57) 1,4-dioxane	10.438	88	9050	257.26 ug/L	99
58) cis-1,3-dichloropropene	10.959	75	86215	44.66 ug/L	98
60) 4-methyl-2-pentanone	11.054	43	117584	46.25 ug/L	93
61) toluene	11.737	92	155243	42.05 ug/L	100
62) trans-1,3-dichloropropene	11.378	75	85244	44.08 ug/L	87
63) 1,1,2-trichloroethane	11.550	83	53298	47.01 ug/L	92
64) ethyl methacrylate	11.751	69	94409	46.53 ug/L	96
66) tetrachloroethene	12.477	166	62014	53.01 ug/L	81
67) 1,3-dichloropropane	11.785	76	129339	47.20 ug/L	91
68) dibromochloromethane	12.077	129	75983	46.35 ug/L	97
69) 1,2-dibromoethane	12.329	107	71480	46.84 ug/L	98
70) 2-hexanone	11.912	43	90825	43.09 ug/L	89
71) chlorobenzene	13.157	112	162042	49.56 ug/L	81
72) 1,1,1,2-tetrachloroethane	13.075	131	63688	48.54 ug/L	95
73) ethylbenzene	13.331	91	339218	44.86 ug/L	97
74) m,p-xylene	13.515	106	215288	93.93 ug/L #	73
75) o-xylene	13.929	106	105622	46.95 ug/L	88
76) styrene	13.856	104	176351	44.20 ug/L	63
77) bromoform	13.683	173	63422	46.51 ug/L	80
78) trans-1,4-dichloro-2-b...	14.075	53	11588	44.92 ug/L #	30
80) isopropylbenzene	14.290	105	265773	46.48 ug/L	94
82) bromobenzene	14.580	156	71187	47.65 ug/L #	67
83) 1,1,2,2-tetrachloroethane	13.931	83	105897	50.04 ug/L	95
84) 1,2,3-trichloropropane	14.079	75	123370	43.20 ug/L	94
85) n-propylbenzene	14.736	91	358601	46.61 ug/L	100
86) 2-chlorotoluene	14.856	91	239121	46.75 ug/L	90
87) 4-chlorotoluene	14.931	91	243647	45.62 ug/L	90
88) 1,3,5-trimethylbenzene	15.012	105	262993	45.11 ug/L	86
89) tert-butylbenzene	15.318	91	174201	46.27 ug/L	94
90) 1,2,4-trimethylbenzene	15.422	105	271443	47.25 ug/L	99
91) sec-butylbenzene	15.540	105	273293	45.42 ug/L	99
92) 1,3-dichlorobenzene	15.645	146	119778	47.59 ug/L	93
93) p-isopropyltoluene	15.711	119	237303	46.19 ug/L	84

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21420.D
Acq On : 6 Sep 2007 7:11 pm
Operator : amym
Sample : m67386-2ms
Misc : ms14251,msp736,,,,5,5
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 07 10:46:19 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

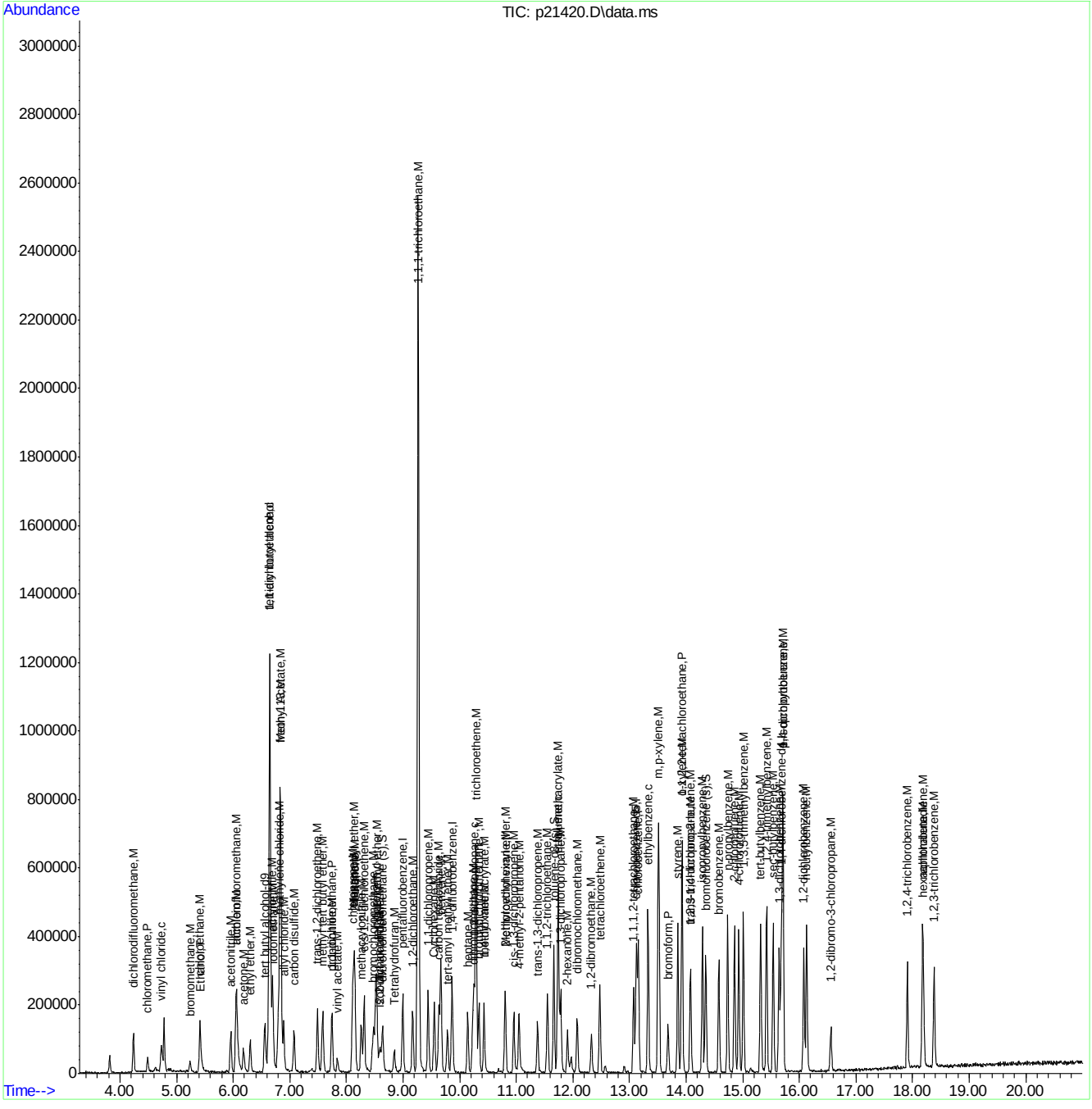
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
94) 1,4-dichlorobenzene	15.712	146	119299	45.17 ug/L	94
95) 1,2-dichlorobenzene	16.080	146	118855	47.18 ug/L	86
96) n-butylbenzene	16.130	91	235600	46.14 ug/L	97
97) 1,2-dibromo-3-chloropr...	16.558	75	43325	44.41 ug/L #	77
98) 1,2,4-trichlorobenzene	17.910	180	82827	46.05 ug/L	92
99) hexachlorobutadiene	18.197	225	40655	47.08 ug/L	93
100) naphthalene	18.178	128	242059	43.36 ug/L	100
101) 1,2,3-trichlorobenzene	18.383	180	77641	46.03 ug/L	94

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21420.D
Acq On : 6 Sep 2007 7:11 pm
Operator : amym
Sample : m67386-2ms
Misc : ms14251,msp736,,,,5,5
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 07 10:46:19 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration



Quantitation Report (Qedit)

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Data Path : C:\msdchem\1\DATA\
Data File : p21420.D
Acq On    :  6 Sep 2007   7:11 pm
Operator  : amym
Sample    : m67386-2ms
Misc      : ms14251,msp736,,,,5,5
ALS Vial  : 17   Sample Multiplier: 1

Quant Time: Sep 07 08:03:16 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title  : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration
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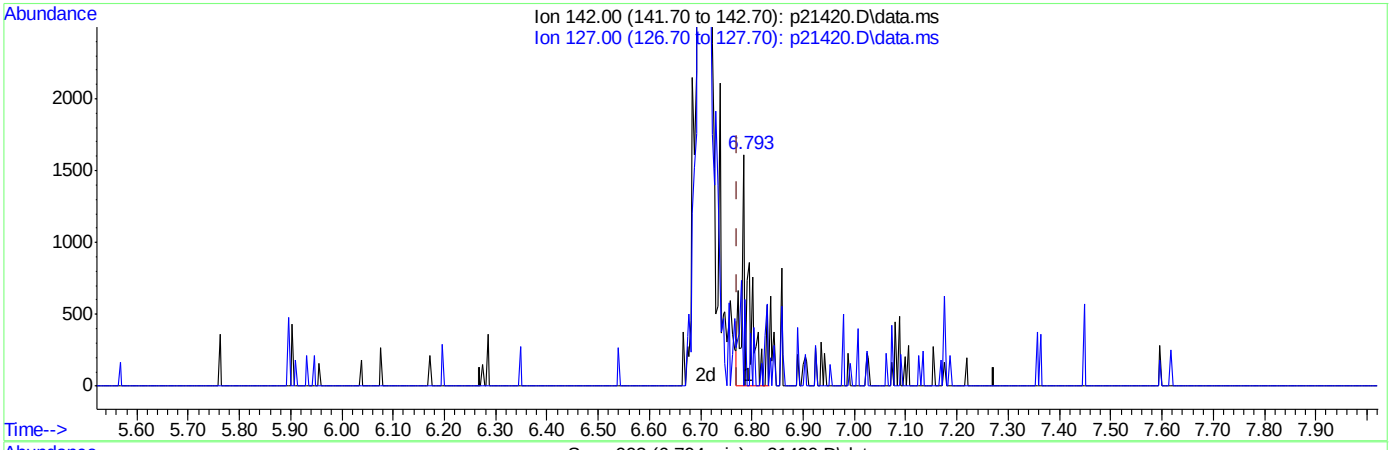
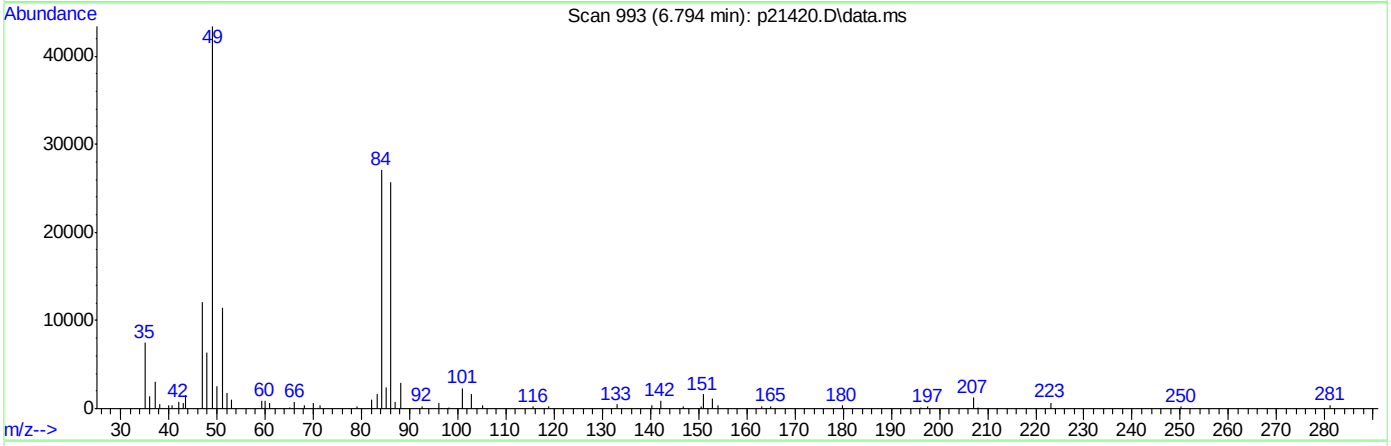




TIC: p21420.D\data.ms

(23) iodomethane (M)

6.793min (+0.021) 14.53ug/L

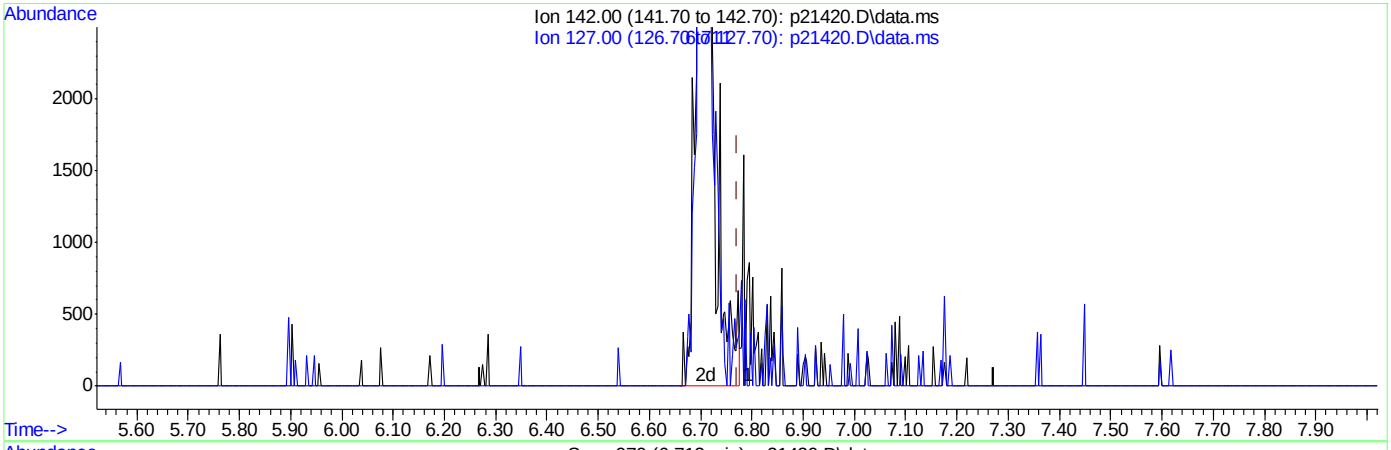
response 1491

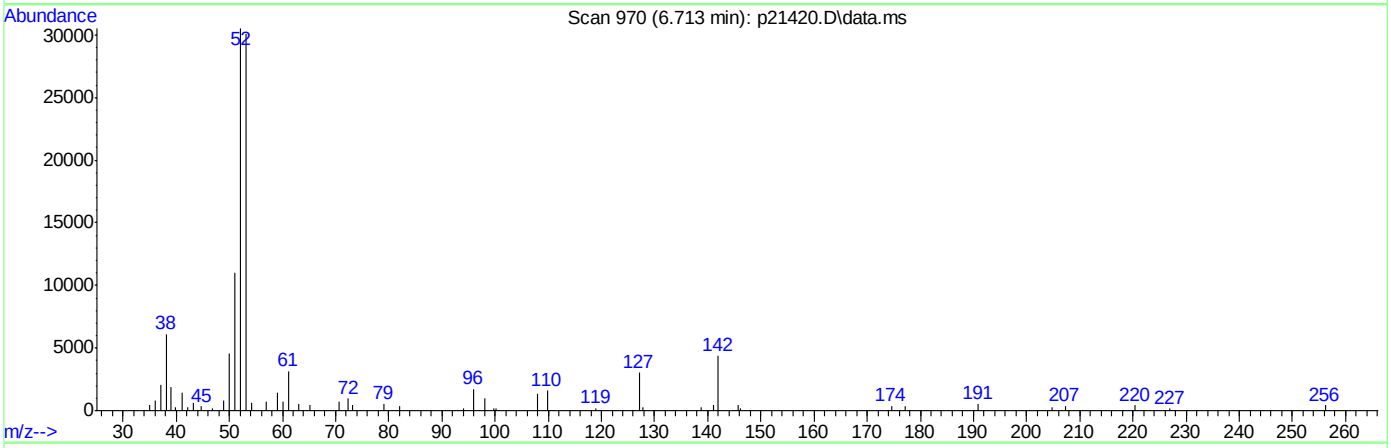
Ion	Exp%	Act%
142.00	100	100
127.00	44.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21420.D
Acq On : 6 Sep 2007 7:11 pm
Operator : amym
Sample : m67386-2ms
Misc : ms14251,msp736,,,,5,5
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 07 08:03:16 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration





TIC: p21420.D\data.ms

(23) iodomethane (M)

6.713min (-0.059) 32.37ug/L m

response 12879

Ion	Exp%	Act%
142.00	100	100
127.00	44.10	69.01
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
09/07/07 12:56

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21421.D
Acq On : 6 Sep 2007 7:40 pm
Operator : amym
Sample : m67386-2msd
Misc : ms14251,msp736,,,,5,5
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 07 10:47:34 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.566	65	174633	500.00	ug/L	0.00
3) pentafluorobenzene	8.997	168	117242	50.00	ug/L	0.00
42) 1,4-difluorobenzene	9.869	114	181278	50.00	ug/L	0.00
65) chlorobenzene-d5	13.121	82	136039	50.00	ug/L	0.00
79) 1,4-dichlorobenzene-d4	15.683	152	88034	50.00	ug/L	0.00

System Monitoring Compounds						
39) dibromofluoromethane (s)	8.640	113	65372	49.89	ug/L	0.00
Spiked Amount 50.000	Range 85 - 129		Recovery = 99.78%			
59) toluene-d8 (s)	11.665	98	237991	48.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.36%			
81) bromofluorobenzene (s)	14.348	95	120547	49.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 98.56%			

Target Compounds						Qvalue
2) tertiary butyl alcohol	6.652	59	238873	549.62	ug/L	95
4) Ethanol	5.434	45	159012	4645.05	ug/L	98
5) dichlorodifluoromethane	4.239	85	91222	66.86	ug/L	86
6) chloromethane	4.493	50	39772	48.22	ug/L	93
7) vinyl chloride	4.736	62	58078	51.19	ug/L	100
8) bromomethane	5.242	96	18181	35.05	ug/L	95
9) chloroethane	5.411	64	33631	57.67	ug/L	96
10) ethyl ether	6.303	59	50728	40.97	ug/L	73
11) acetonitrile	5.958	41	63880	68.01	ug/L	81
12) trichlorofluoromethane	6.064	101	129579	50.28	ug/L	97
13) freon-113	6.837	101	315293	245.06	ug/L	94
14) acrolein	6.052	56	95630	192.62	ug/L	100
15) 1,1-dichloroethene	6.648	96	331949	297.32	ug/L #	75
16) acetone	6.192	43	55664	37.12	ug/L	70
17) Methyl Acetate	6.827	43	138341	41.60	ug/L #	95
18) methylene chloride	6.804	84	74389	53.84	ug/L	88
19) methyl tert butyl ether	7.581	73	173818	41.54	ug/L	86
20) acrylonitrile	6.698	53	181366	221.30	ug/L	90
21) allyl chloride	6.893	41	68776	53.37	ug/L	82
22) trans-1,2-dichloroethene	7.490	96	57733	48.87	ug/L	91
23) iodomethane	6.716	142	17212	37.74	ug/L	92
24) carbon disulfide	7.077	76	169108	44.52	ug/L	98
25) propionitrile	7.763	54	16967	47.90	ug/L	100
26) vinyl acetate	7.845	43	53356	53.17	ug/L	84
27) chloroprene	8.110	53	116867	46.80	ug/L	78
28) di-isopropyl ether	8.146	45	201449	43.67	ug/L	75
29) methacrylonitrile	8.267	41	66042	43.22	ug/L	82
30) 2-butanone	8.155	72	15424	42.51	ug/L #	66
31) Hexane	8.135	41	103609	44.30	ug/L #	82
32) 1,1-dichloroethane	7.744	63	140586	51.31	ug/L	96
33) tert-butyl ethyl ether	8.541	59	68637	39.04	ug/L	91
34) isobutyl alcohol	8.586	43	43478m	244.79	ug/L	
35) 2,2-dichloropropane	8.603	77	25508	49.30	ug/L	77
36) cis-1,2-dichloroethene	8.315	96	79442	56.12	ug/L	86
37) bromochloromethane	8.481	128	25273	46.63	ug/L	84

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21421.D
Acq On : 6 Sep 2007 7:40 pm
Operator : amym
Sample : m67386-2msd
Misc : ms14251,msp736,,,,5,5
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 07 10:47:34 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
38) chloroform	8.519	83	155971	41.98 ug/L	93
40) Tetrahydrofuran	8.848	42	36938	49.65 ug/L	88
41) 1,1,1-trichloroethane	9.270	97	1627672	538.13 ug/L	98
43) Cyclohexane	9.553	56	82655	45.78 ug/L #	68
44) carbon tetrachloride	9.635	117	106450	48.13 ug/L	98
45) 1,1-dichloropropene	9.446	75	105234	48.34 ug/L	91
46) benzene	9.671	78	256359	46.59 ug/L	97
47) 1,2-dichloroethane	9.171	62	165299	47.16 ug/L	91
48) tert-amyl methyl ether	9.786	73	97706	45.13 ug/L	87
49) heptane	10.144	43	62945	55.44 ug/L	93
50) trichloroethene	10.289	95	217269	124.02 ug/L	81
51) 1,2-dichloropropane	10.256	63	63831	44.64 ug/L	93
52) dibromomethane	10.231	93	49837	46.39 ug/L	93
53) bromodichloromethane	10.341	83	130167	44.46 ug/L	87
54) Methylcyclohexane	10.806	83	81531	46.08 ug/L #	80
55) 2-chloroethyl vinyl ether	10.771	63	1052	Below Cal #	12
56) methyl methacrylate	10.433	69	66057	46.75 ug/L	96
57) 1,4-dioxane	10.442	88	9880	263.30 ug/L	98
58) cis-1,3-dichloropropene	10.959	75	85648	42.03 ug/L	94
60) 4-methyl-2-pentanone	11.055	43	125542	46.30 ug/L	93
61) toluene	11.737	92	158827	40.34 ug/L	91
62) trans-1,3-dichloropropene	11.379	75	85209	41.75 ug/L	80
63) 1,1,2-trichloroethane	11.550	83	52579	43.65 ug/L	91
64) ethyl methacrylate	11.752	69	96599	45.01 ug/L	96
66) tetrachloroethene	12.477	166	63081	52.66 ug/L	84
67) 1,3-dichloropropane	11.785	76	128159	45.67 ug/L	89
68) dibromochloromethane	12.077	129	77283	46.03 ug/L	95
69) 1,2-dibromoethane	12.329	107	67242	43.09 ug/L	83
70) 2-hexanone	11.913	43	96645	44.77 ug/L	84
71) chlorobenzene	13.157	112	165993	49.57 ug/L	79
72) 1,1,1,2-tetrachloroethane	13.075	131	64700	48.16 ug/L	87
73) ethylbenzene	13.331	91	337347	43.56 ug/L	94
74) m,p-xylene	13.515	106	217026	92.51 ug/L #	79
75) o-xylene	13.928	106	99544	43.29 ug/L #	77
76) styrene	13.855	104	183955	45.02 ug/L	84
77) bromoform	13.683	173	61732	44.35 ug/L	89
78) trans-1,4-dichloro-2-b...	14.076	53	11383	43.48 ug/L #	76
80) isopropylbenzene	14.290	105	258431	44.38 ug/L	95
82) bromobenzene	14.579	156	69823	45.87 ug/L #	61
83) 1,1,2,2-tetrachloroethane	13.931	83	106478	49.41 ug/L	77
84) 1,2,3-trichloropropane	14.078	75	127076	43.70 ug/L	98
85) n-propylbenzene	14.735	91	352153	44.95 ug/L	93
86) 2-chlorotoluene	14.856	91	241894	46.43 ug/L	87
87) 4-chlorotoluene	14.931	91	243520	44.77 ug/L	91
88) 1,3,5-trimethylbenzene	15.012	105	260202	43.83 ug/L	91
89) tert-butylbenzene	15.318	91	179177	46.73 ug/L	79
90) 1,2,4-trimethylbenzene	15.422	105	267227	45.68 ug/L	91
91) sec-butylbenzene	15.540	105	280509	45.79 ug/L	95
92) 1,3-dichlorobenzene	15.645	146	117442	45.80 ug/L	93
93) p-isopropyltoluene	15.712	119	239211	45.73 ug/L	87

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21421.D
Acq On : 6 Sep 2007 7:40 pm
Operator : amym
Sample : m67386-2msd
Misc : ms14251,msp736,,,,5,5
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 07 10:47:34 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

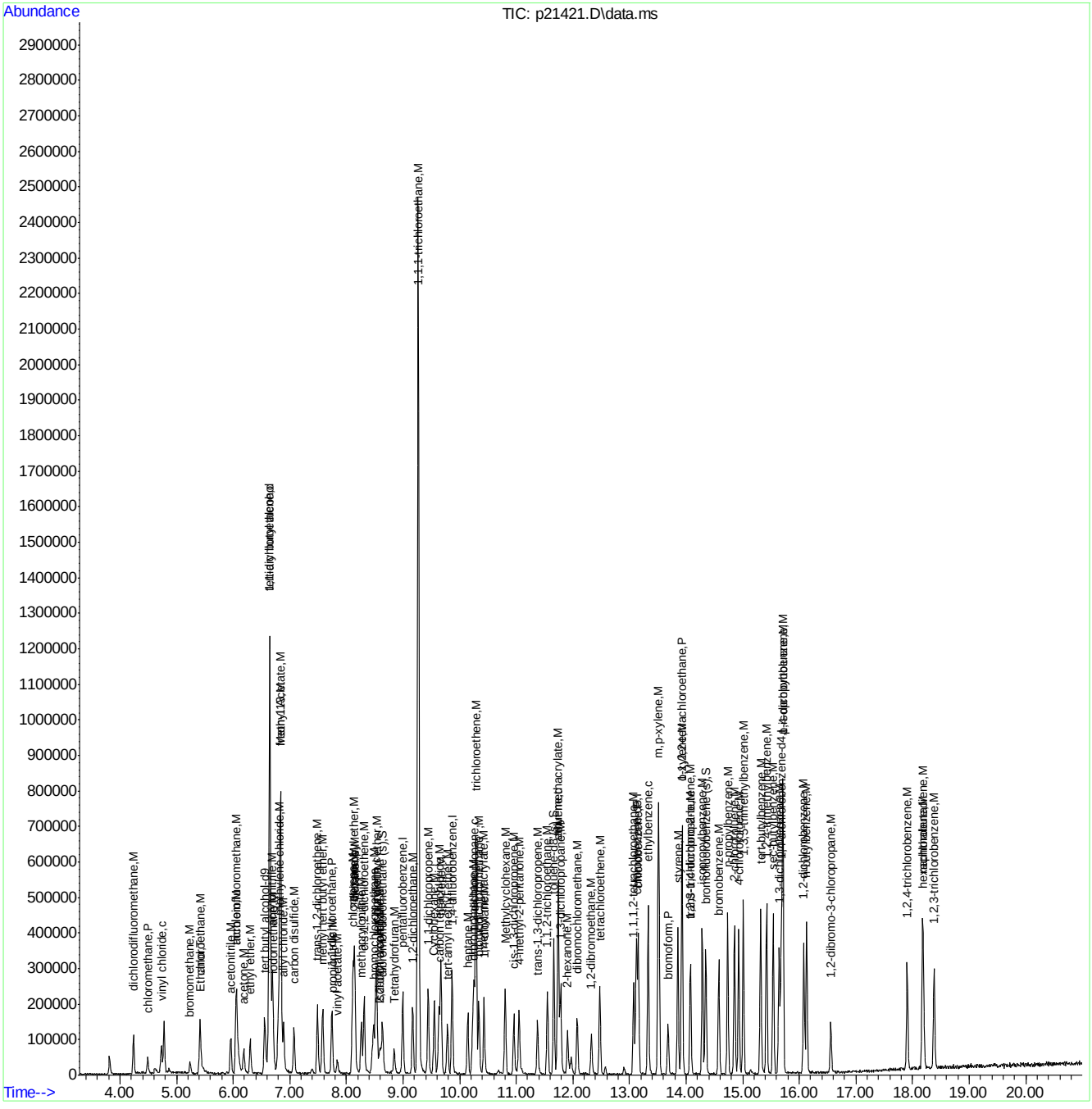
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
94) 1,4-dichlorobenzene	15.711	146	120183	44.70 ug/L	99
95) 1,2-dichlorobenzene	16.079	146	119303	46.51 ug/L	86
96) n-butylbenzene	16.129	91	236890	45.56 ug/L	92
97) 1,2-dibromo-3-chloropr...	16.558	75	46229	46.54 ug/L #	58
98) 1,2,4-trichlorobenzene	17.909	180	83695	45.70 ug/L	79
99) hexachlorobutadiene	18.197	225	40321	45.86 ug/L	97
100) naphthalene	18.178	128	249376	43.88 ug/L	100
101) 1,2,3-trichlorobenzene	18.383	180	78528	45.72 ug/L	82

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21421.D
Acq On : 6 Sep 2007 7:40 pm
Operator : amym
Sample : m67386-2msd
Misc : ms14251,msp736,,,,5,5
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 07 10:47:34 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

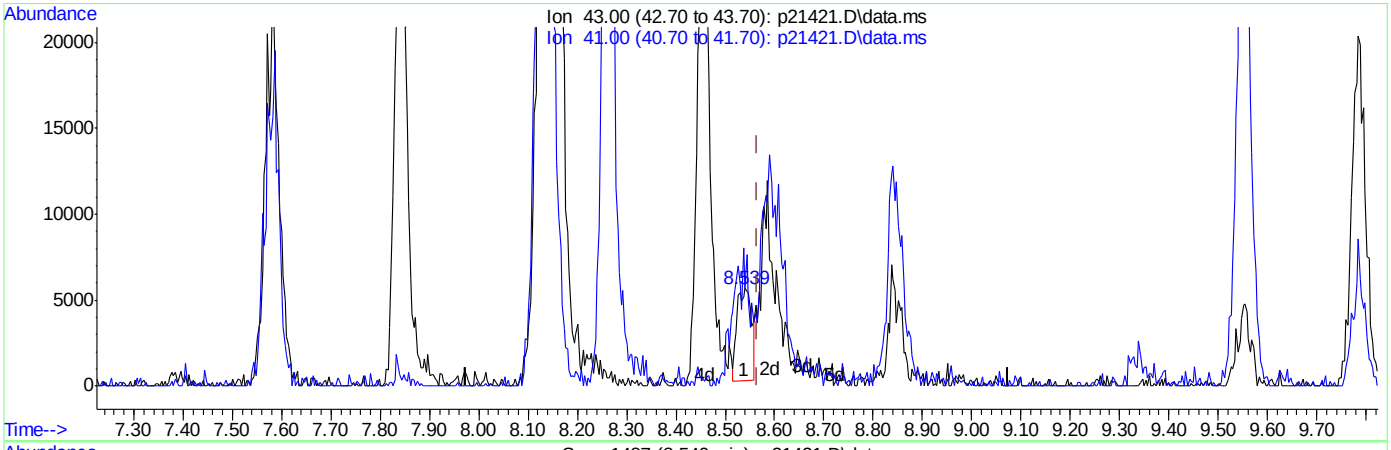


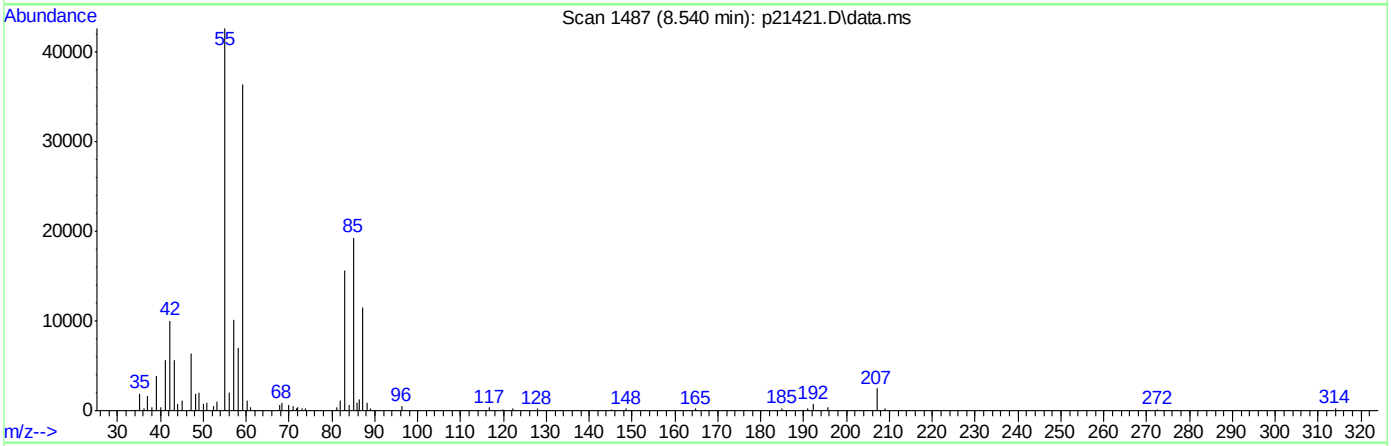
ACCUTEST Laboratories M67399

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21421.D
Acq On : 6 Sep 2007 7:40 pm
Operator : amym
Sample : m67386-2msd
Misc : ms14251,msp736,,,,5,5
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 07 08:03:21 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration





TIC: p21421.D\data.ms

(34) isobutyl alcohol (M)

8.539min (-0.026) 103.29ug/L

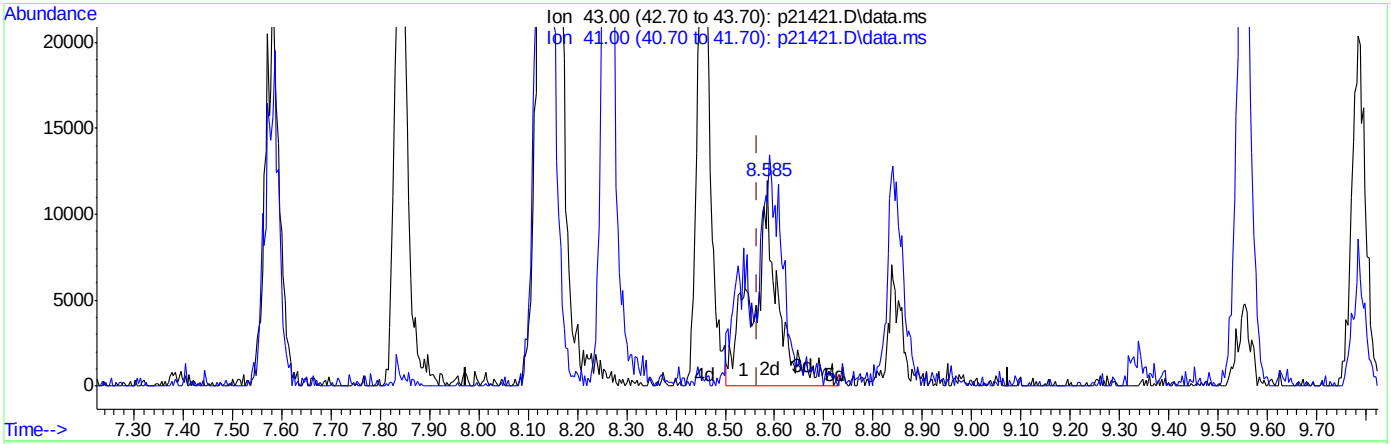
response 10866

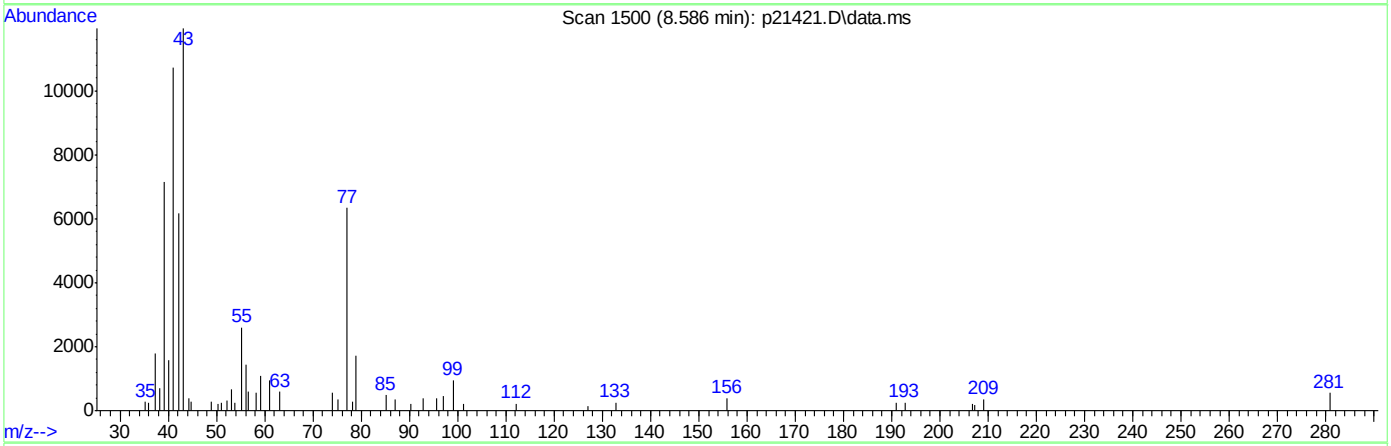
Ion	Exp%	Act%
43.00	100	100
41.00	142.10	41.49#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : p21421.D
Acq On    :  6 Sep 2007   7:40 pm
Operator  : amym
Sample    : m67386-2msd
Misc      : ms14251,msp736,,,,5,5
ALS Vial  : 18   Sample Multiplier: 1

Quant Time: Sep 07 08:03:21 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title  : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration
```



TIC: p21421.D\data.ms

(34) isobutyl alcohol (M)

8.586min (+0.021) 244.79ug/L m

response 43478

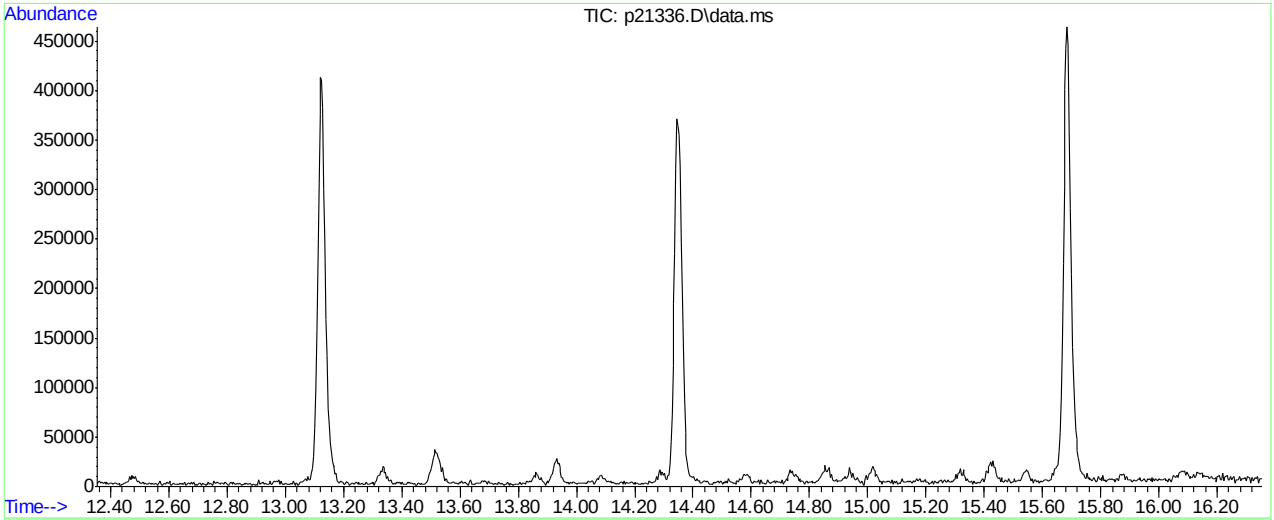
Ion	Exp%	Act%
43.00	100	100
41.00	142.10	89.68#
0.00	0.00	0.00
0.00	0.00	0.00

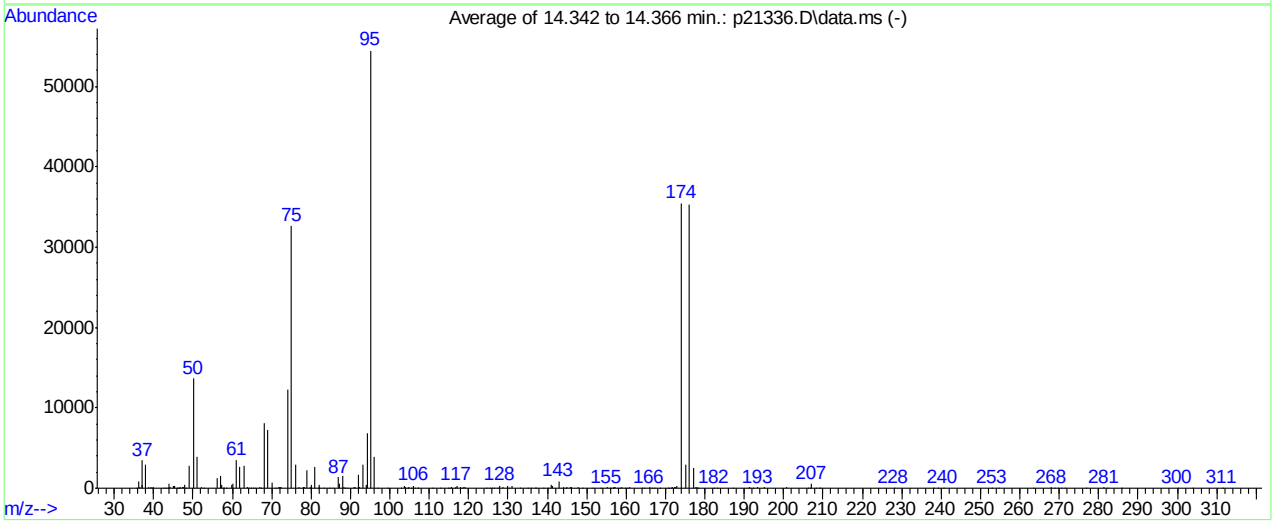
SW-846 Method 8260

Data File : C:\msdchem\1\DATA\p21336.D
Acq On : 5 Sep 2007 1:47 am
Sample : bfb
Misc : ms14235,msp733,,,,5,1
MS Integration Params: RTEINT.P

Vial: 28
Operator: amym
Inst : Instrument #1
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\P090407w.M (RTE Integrator)
Title : SW-846 Method 8260





Spectrum Information: Average of 14.342 to 14.366 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	25.1	13654	PASS
75	95	30	60	59.9	32601	PASS
95	95	100	100	100.0	54460	PASS
96	95	5	9	7.2	3946	PASS
173	174	0.00	2	0.8	277	PASS
174	95	50	100	65.2	35496	PASS
175	174	5	9	8.1	2880	PASS
176	174	95	101	99.4	35280	PASS
177	176	5	9	7.0	2465	PASS

p21336.D P090407w.M Thu Sep 06 09:05:10 2007 RP

Average of 14.342 to 14.366 min.: p21336.D\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.70	60	43.05	52	47.20	102	57.10	207
36.10	846	43.50	27	47.50	108	57.25	445
36.40	77	43.80	75	48.00	465	57.70	33
37.00	460	44.05	625	48.20	54	57.90	28
37.15	3430	44.20	84	49.15	2810	58.30	36
38.05	2981	44.95	294	50.10	13654	59.85	391
38.70	92	45.20	321	51.10	3919	60.15	511
39.30	119	45.90	22	52.05	183	61.05	3527
39.70	57	46.20	43	52.80	37	61.90	2649
40.00	162	46.50	64	56.10	1284	63.05	2781
42.60	18	46.90	211	57.00	1566	63.95	150

Average of 14.342 to 14.366 min.: p21336.D\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
64.20	64	72.00	206	79.75	151	87.15	552
64.80	29	72.15	151	79.90	61	88.00	1541
65.15	67	72.50	121	80.05	448	88.35	212
65.90	19	74.10	12309	80.95	2716	88.60	33
66.95	192	75.00	32601	81.70	34	89.10	26
67.20	36	76.10	2930	81.95	376	90.95	160
68.05	8033	76.85	131	82.15	51	91.15	147
69.10	7201	77.70	66	83.10	67	92.00	1610
70.00	632	77.95	120	84.60	28	92.20	208
71.10	40	78.25	208	85.60	47	93.10	2927
71.85	118	79.00	2199	87.00	1337	93.90	476

Average of 14.342 to 14.366 min.: p21336.D\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
94.20	6861	106.00	303	117.05	332	128.85	106
95.10	54460	106.20	27	117.85	106	129.95	238
96.05	3946	107.00	39	118.20	48	130.30	35
96.80	68	107.20	29	118.65	98	131.05	241
99.30	23	110.80	22	119.10	212	133.00	66
102.80	59	112.90	44	124.60	49	134.90	23
103.75	273	114.80	41	125.20	24	135.90	38
104.10	128	115.40	70	125.90	43	136.90	57
104.60	52	115.60	108	126.60	25	137.10	68
104.90	103	116.60	21	127.30	41	139.10	27
105.30	38	116.80	107	127.95	280	140.10	25

Average of 14.342 to 14.366 min.: p21336.D\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
140.95	418	153.40	32	160.30	19	171.85	174
141.25	264	155.15	123	161.00	80	172.30	172
142.90	846	155.80	57	164.00	34	172.55	137
144.10	95	156.00	25	164.70	18	172.90	277
144.70	22	156.60	21	165.95	89	174.05	35496
145.10	81	156.95	78	166.50	60	175.10	2880
145.90	92	157.20	109	167.20	48	176.05	35280
146.15	155	157.90	63	168.50	53	177.05	2465
147.95	99	158.50	30	170.50	26	177.70	111
149.00	20	159.05	122	171.00	20	177.95	82
151.60	28	159.70	33	171.50	57	178.30	30

Average of 14.342 to 14.366 min.: p21336.D\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
182.40	37	207.10	553	268.10	77	311.50	26
183.00	19	208.30	25	268.90	52		
187.20	26	208.90	25	269.80	35		
191.15	62	209.40	31	270.40	70		

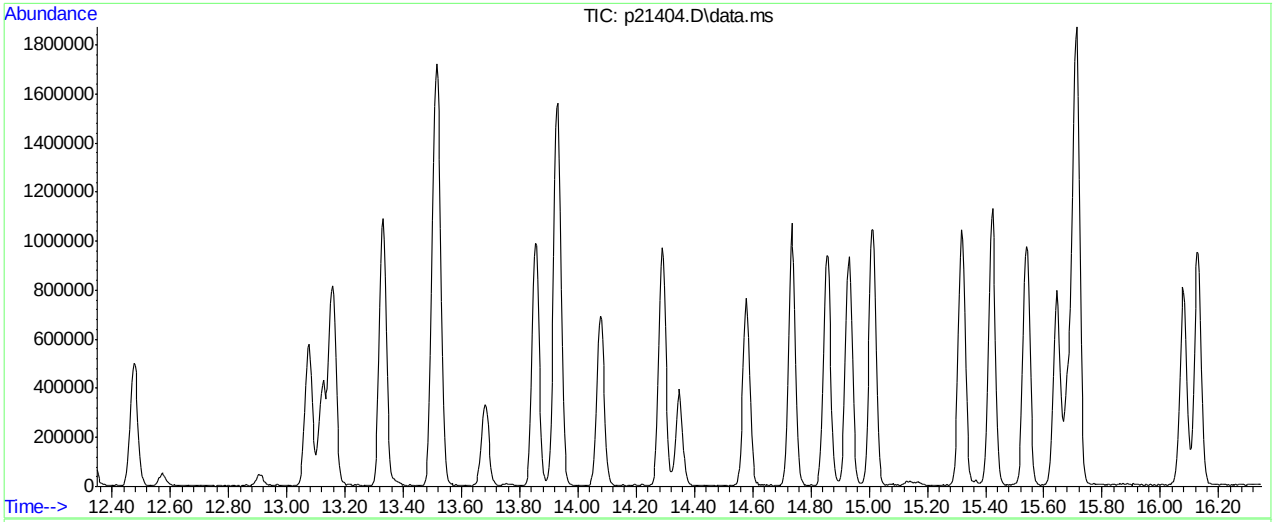
191.40	79	228.00	22	271.40	29
192.20	59	238.00	25	276.70	31
193.40	96	239.10	25	281.40	82
195.20	81	240.50	51	282.10	31
200.80	92	253.00	24	286.00	37
206.20	33	254.50	20	300.10	36
206.80	38	263.30	19	303.70	29

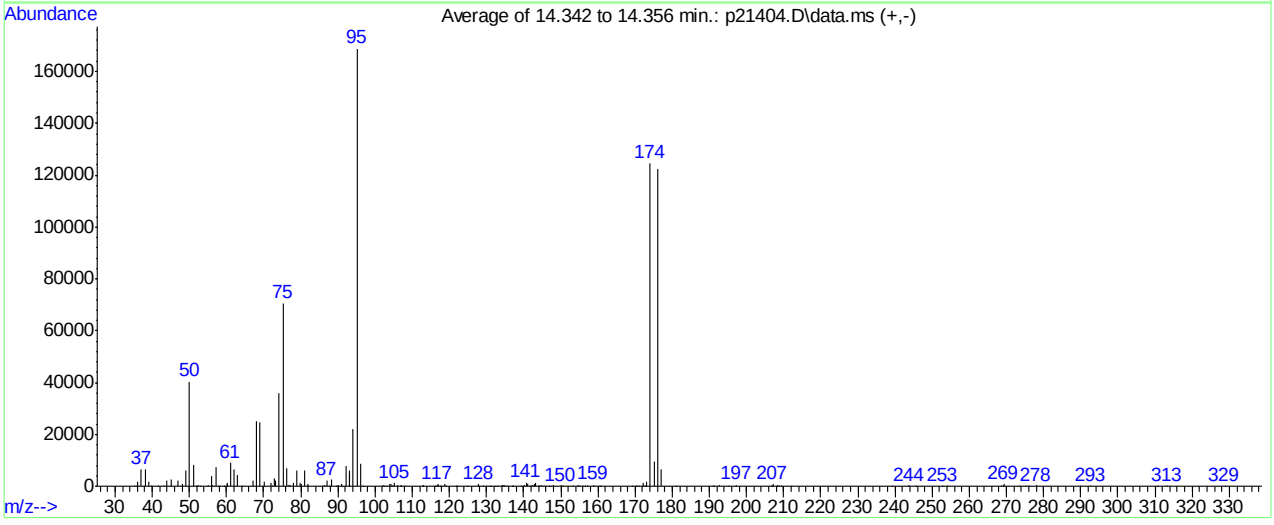
SW-846 Method 8260

Data File : C:\msdchem\1\DATA\p21404.D
Acq On : 6 Sep 2007 11:35 am
Sample : bfb
Misc : ms14247,msp736,,,,5,1
MS Integration Params: RTEINT.P

Vial: 1
Operator: amym
Inst : Instrument #1
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\P090407w.M (RTE Integrator)
Title : SW-846 Method 8260





Spectrum Information: Average of 14.342 to 14.356 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.8	40251	PASS
75	95	30	60	41.8	70496	PASS
95	95	100	100	100.0	168838	PASS
96	95	5	9	5.2	8707	PASS
173	174	0.00	2	1.4	1716	PASS
174	95	50	100	73.9	124737	PASS
175	174	5	9	7.8	9739	PASS
176	174	95	101	98.2	122454	PASS
177	176	5	9	5.2	6376	PASS

p21404.D P090407w.M Thu Sep 06 13:52:34 2007 RP

Average of 14.342 to 14.356 min.: p21404.D\data.ms
bfb
Modified:added subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.20	173	47.05	2321	57.10	7175	68.10	24916
35.80	183	48.00	1059	57.75	161	69.10	24689
36.20	1534	49.10	6110	58.10	50	70.05	1720
37.10	6708	50.05	40251	59.20	206	71.85	1109
38.05	6342	51.20	8428	60.10	1200	72.35	208
39.00	1704	51.80	51	60.30	859	73.00	3203
39.70	49	52.30	401	61.10	9041	73.20	2024
41.50	75	53.10	156	61.95	6591	74.10	36011
43.00	33	55.10	303	63.00	4310	75.15	70496
44.05	2225	55.95	3744	64.00	226	76.10	7088
45.00	2440	56.30	570	67.10	2005	76.85	304

Average of 14.342 to 14.356 min.: p21404.D\data.ms
bfb
Modified:added subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
77.10	372	87.70	81	96.10	8707	106.90	546
78.00	1380	88.20	2717	96.70	48	107.10	124
78.95	5908	89.40	34	102.15	635	107.80	35
79.95	1506	90.20	242	102.60	30	112.80	153
80.15	785	90.90	1041	103.10	131	113.10	386
80.95	6100	91.10	325	103.85	1030	115.90	114
81.60	215	92.10	7849	104.20	726	116.20	67
81.95	946	93.00	5909	104.50	39	116.80	868
86.00	228	93.10	4910	105.05	459	116.90	163
86.40	622	94.15	22227	105.30	1114	117.05	608
87.05	2287	95.10	168838	106.05	612	117.70	37

Average of 14.342 to 14.356 min.: p21404.D\data.ms
bfb
Modified:added subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
118.00	164	131.00	60	140.10	264	145.30	100
118.80	774	132.20	204	140.80	1418	145.80	196
119.20	49	133.00	35	141.10	754	146.90	85
121.90	40	134.00	262	141.70	106	147.40	35
122.10	202	134.60	236	142.25	557	147.95	274
124.70	47	134.90	314	142.50	50	150.00	290
127.70	32	135.20	151	142.80	901	150.60	50
127.95	673	135.70	200	143.10	1105	153.20	72
128.90	51	136.80	38	143.70	43	154.80	393
129.90	80	137.10	177	144.10	30	155.05	155
130.70	203	139.20	33	144.70	349	156.00	89

Average of 14.342 to 14.356 min.: p21404.D\data.ms
bfb
Modified:added subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
156.60	218	172.40	78	195.00	65	243.80	374
157.00	102	172.80	80	197.30	481	245.40	67
158.80	441	173.10	1716	206.70	91	252.90	70
160.50	40	174.10	124737	207.00	78	254.00	43
160.80	46	175.05	9739	207.15	668	268.60	46
169.10	60	176.00	122454	208.00	73	269.10	225
170.20	92	177.00	6376	208.50	534	269.30	834
170.50	60	180.90	168	208.70	114	273.20	38
171.00	99	191.00	45	209.30	44	275.00	183
171.80	39	191.30	48	211.90	63	275.90	37
172.15	1270	192.60	363	239.20	45	278.10	235

Average of 14.342 to 14.356 min.: p21404.D\data.ms
bfb
Modified:added subtracted

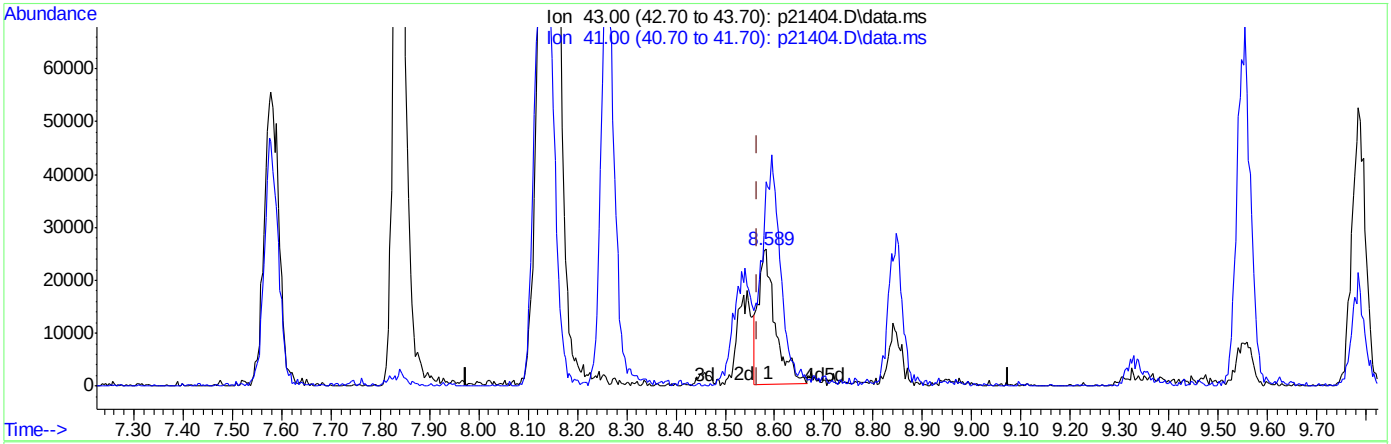
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
290.00	31						
292.70	184						
310.60	55						
313.20	176						

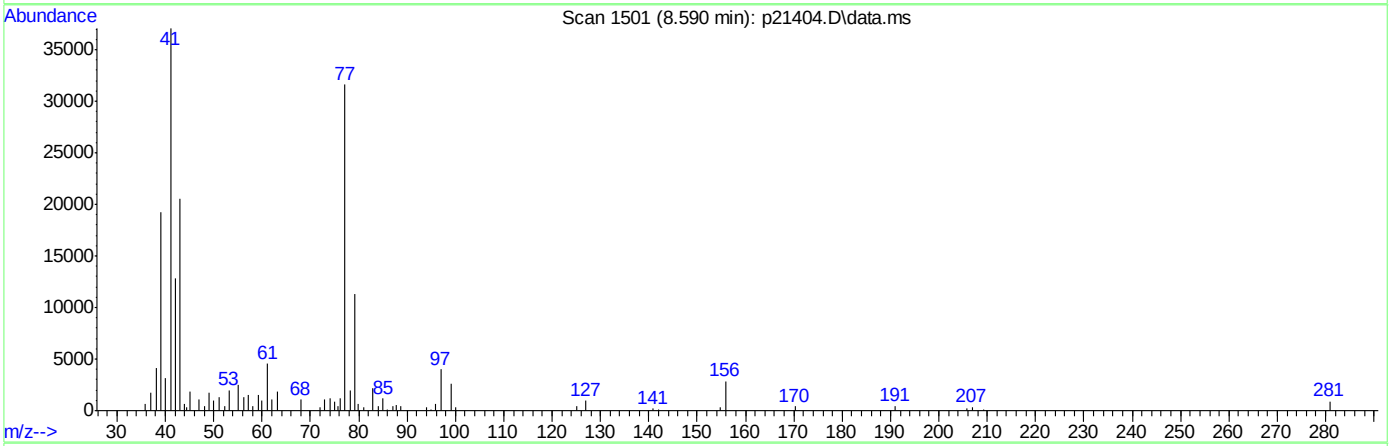
328.80	52

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21404.D
Acq On : 6 Sep 2007 11:35 am
Operator : amym
Sample : cc733-100
Misc : ms14247,msp736,,,,5,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 06 13:49:57 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration





TIC: p21404.D\data.ms

(34) isobutyl alcohol (M)

8.589min (+0.024) 299.82ug/L

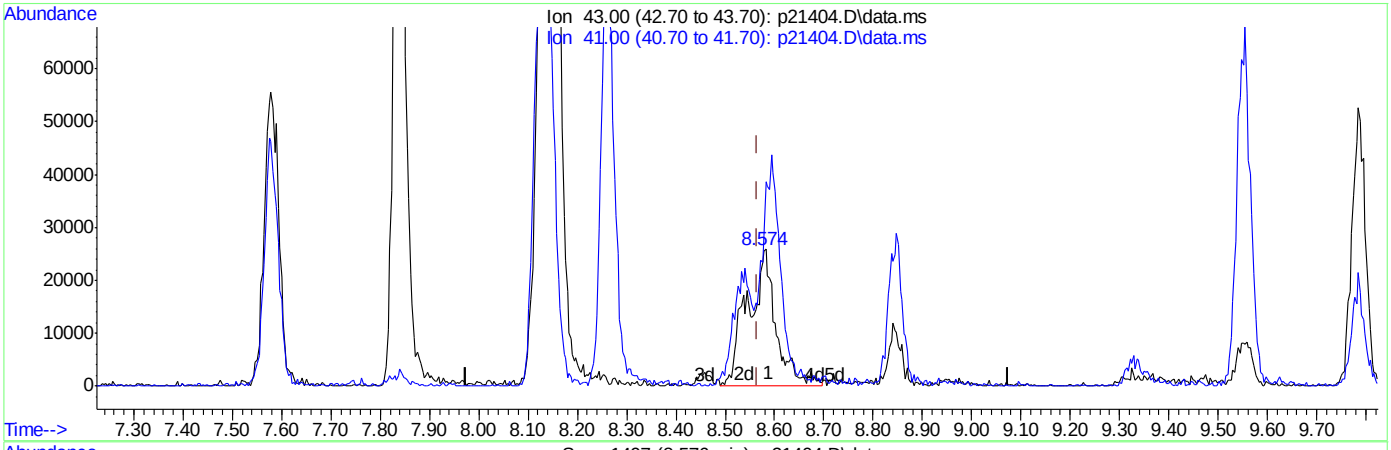
response 61396

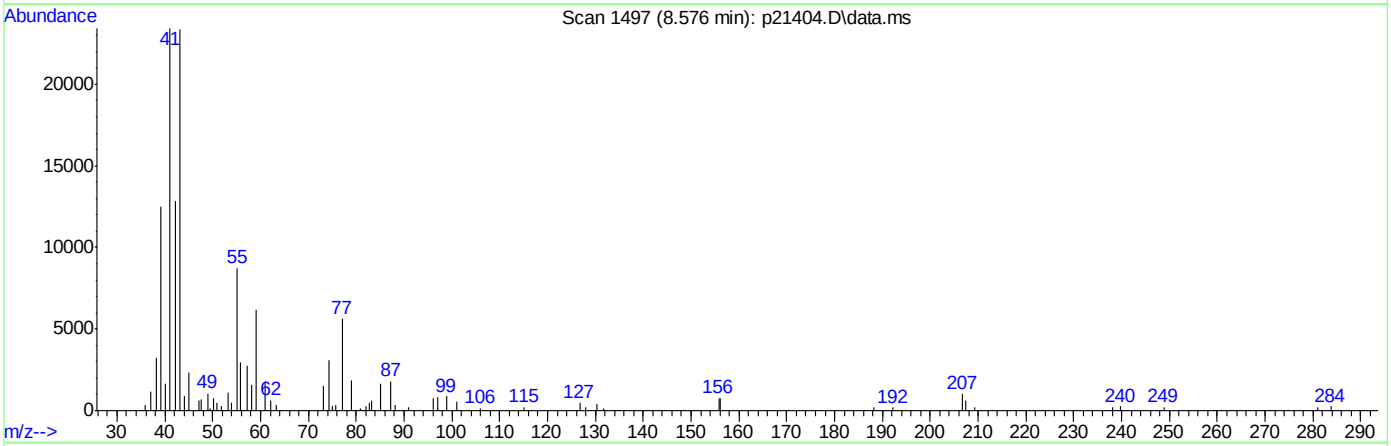
Ion	Exp%	Act%
43.00	100	100
41.00	142.10	179.48#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21404.D
Acq On : 6 Sep 2007 11:35 am
Operator : amym
Sample : cc733-100
Misc : ms14247,msp736,,,,5,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 06 13:49:57 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration





(34) isobutyl alcohol (M)

8.576min (+0.011) 467.79ug/L m

response 103718

Ion	Exp%	Act%
43.00	100	100
41.00	142.10	100.17#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
09/06/07 10:54

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21337.D
Acq On : 5 Sep 2007 2:15 am
Operator : amym
Sample : ic733-0.5
Misc : ms14235,msp733,,,,5,1
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 05 08:26:36 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.572	65	200591	500.00	ug/L	0.00
3) pentafluorobenzene	9.000	168	128551	50.00	ug/L	0.00
42) 1,4-difluorobenzene	9.871	114	205707	50.00	ug/L	0.00
65) chlorobenzene-d5	13.125	82	147391	50.00	ug/L	0.00
79) 1,4-dichlorobenzene-d4	15.685	152	90613	50.00	ug/L	0.00

System Monitoring Compounds

39) dibromofluoromethane (s)	8.643	113	72518	49.85	ug/L	0.00
Spiked Amount 50.000	Range 85 - 129		Recovery = 99.70%			
59) toluene-d8 (s)	11.666	98	261845	45.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.36%			
81) bromofluorobenzene (s)	14.350	95	128490	51.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 102.80%			

Target Compounds

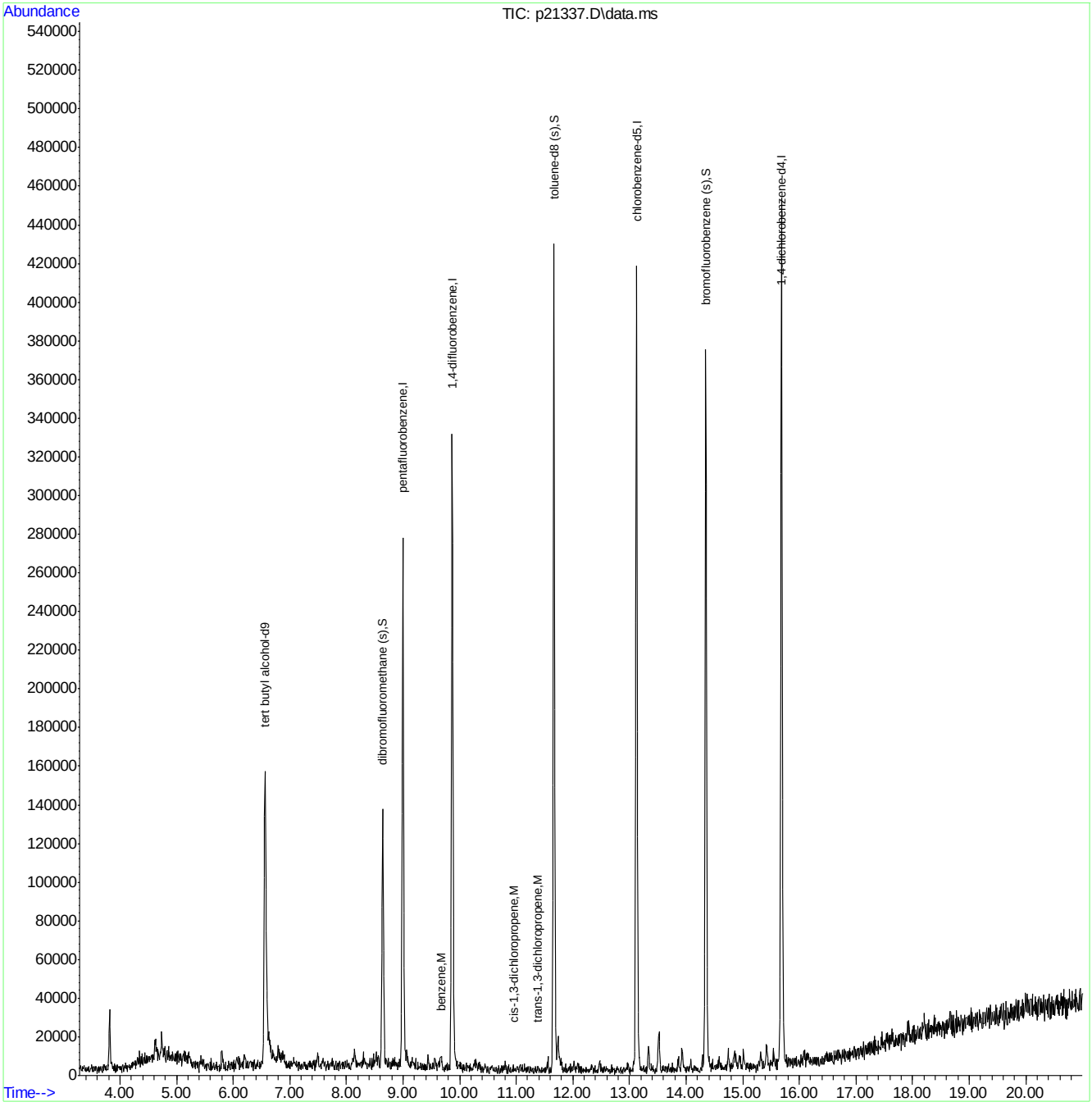
						Qvalue
46) benzene	9.674	78	4117	0.62	ug/L	76
58) cis-1,3-dichloropropene	10.958	75	421m	0.15	ug/L	
62) trans-1,3-dichloropropene	11.383	75	949m	0.34	ug/L	

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21337.D
Acq On : 5 Sep 2007 2:15 am
Operator : amym
Sample : ic733-0.5
Misc : ms14235,msp733,,,,5,1
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 05 08:26:36 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration



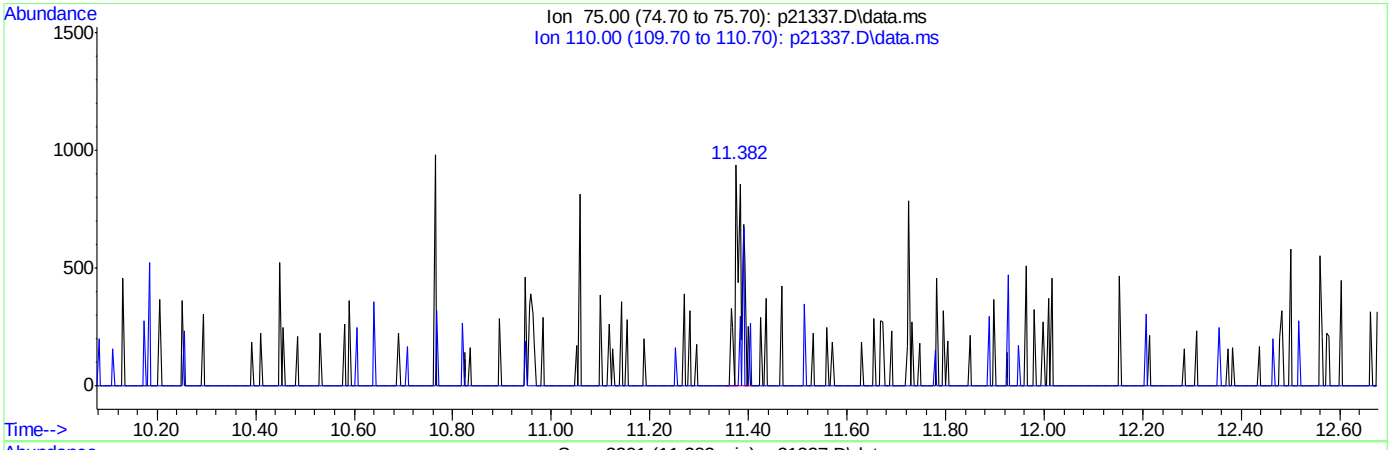
P090407w.M Thu Sep 06 09:06:08 2007 RP

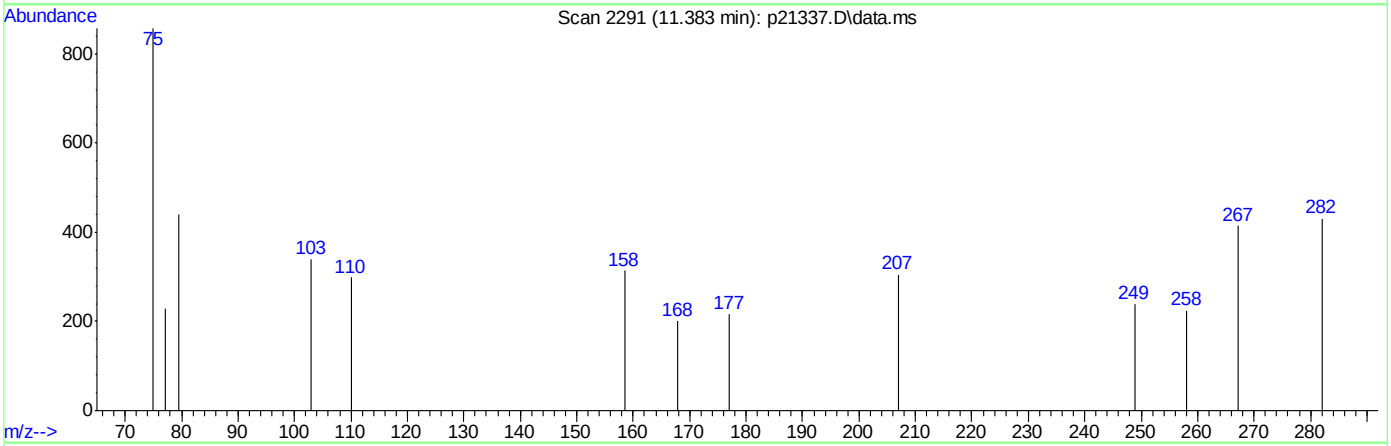
ACCUTEST Laboratories
M67399

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21337.D
Acq On : 5 Sep 2007 2:15 am
Operator : amym
Sample : ic733-0.5
Misc : ms14235,msp733,,,,5,1
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 05 08:17:28 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





TIC: p21337.D\data.ms

(62) trans-1,3-dichloropropene (M)

11.383min (+0.005) 0.34ug/L m

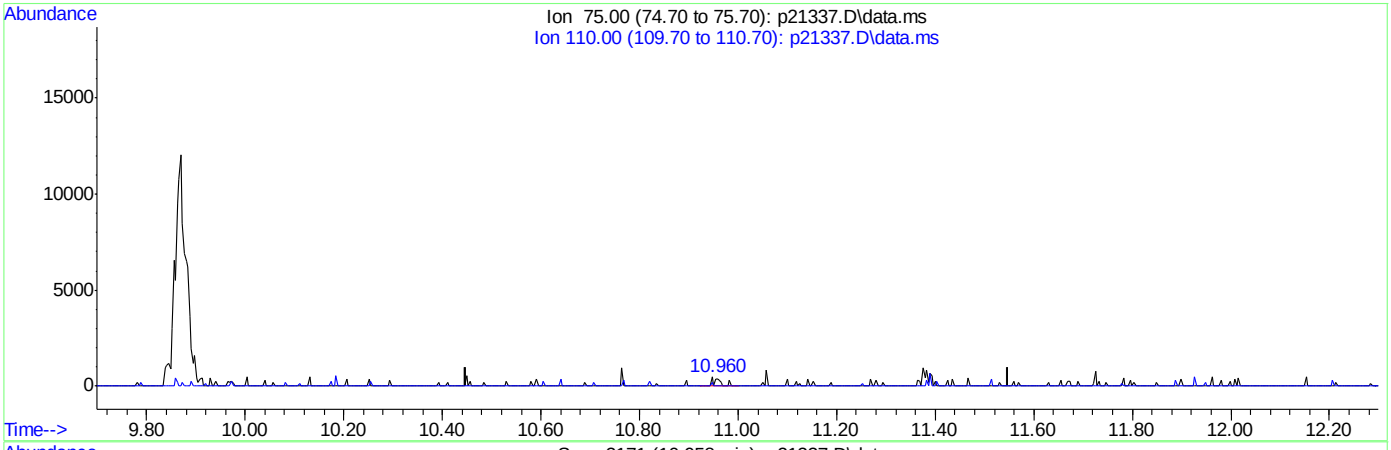
response 949

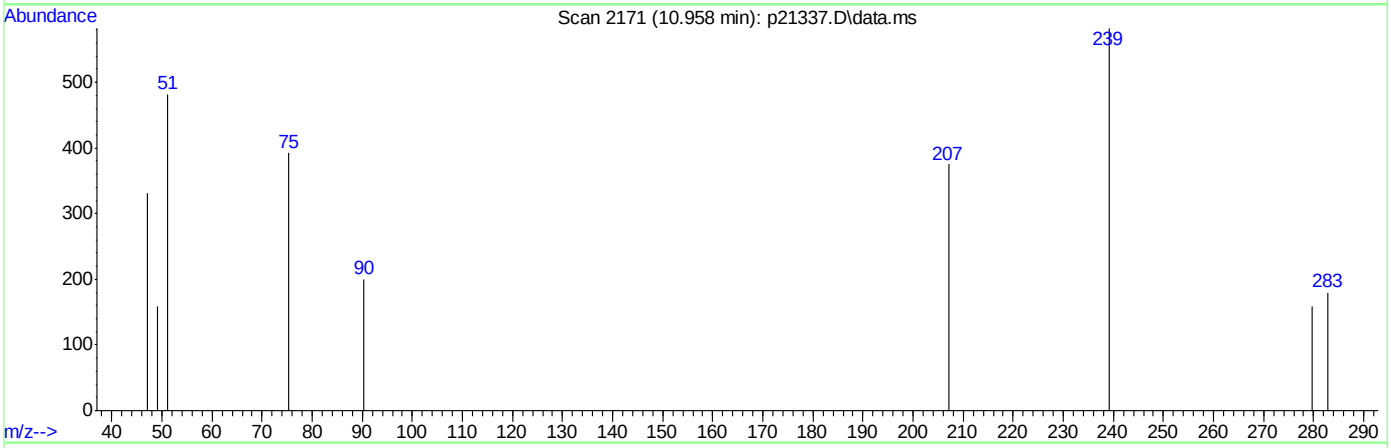
Ion	Exp%	Act%
75.00	100	100
110.00	23.60	34.77
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21337.D
Acq On : 5 Sep 2007 2:15 am
Operator : amym
Sample : ic733-0.5
Misc : ms14235,msp733,,,,5,1
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 05 08:17:28 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





(58) cis-1,3-dichloropropene (M)

10.958min (-0.001) 0.15ug/L m

response 421

Ion	Exp%	Act%
75.00	100	100
110.00	21.50	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
09/06/07 10:54

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21338.D
Acq On : 5 Sep 2007 2:43 am
Operator : amym
Sample : ic733-1
Misc : ms14235,msp733,,,,5,1
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 05 08:29:32 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.573	65	201148	500.00	ug/L	0.00
3) pentafluorobenzene	9.000	168	128789	50.00	ug/L	0.00
42) 1,4-difluorobenzene	9.871	114	196420	50.00	ug/L	0.00
65) chlorobenzene-d5	13.125	82	141934	50.00	ug/L	0.00
79) 1,4-dichlorobenzene-d4	15.685	152	95790	50.00	ug/L	0.00

System Monitoring Compounds

39) dibromofluoromethane (s)	8.644	113	69245	47.52	ug/L	0.00
Spiked Amount 50.000	Range 85 - 129		Recovery = 95.04%			
59) toluene-d8 (s)	11.667	98	268058	48.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.88%			
81) bromofluorobenzene (s)	14.350	95	128218	48.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 97.04%			

Target Compounds

						Qvalue
2) tertiary butyl alcohol	6.660	59	6555	13.06	ug/L	95
4) Ethanol	5.440	45	4365m	128.47	ug/L	
5) dichlorodifluoromethane	4.238	85	1592	1.18	ug/L	68
6) chloromethane	4.500	50	1044	1.04	ug/L #	2
7) vinyl chloride	4.739	62	2726	2.22	ug/L	95
8) bromomethane	5.231	96	1315	2.38	ug/L #	48
9) chloroethane	5.408	64	744m	1.21	ug/L	
10) ethyl ether	6.309	59	1409	1.10	ug/L #	29
11) acetonitrile	5.960	41	1932	3.14	ug/L #	53
12) trichlorofluoromethane	6.063	101	3087	1.04	ug/L	95
13) freon-113	6.839	101	1462	1.08	ug/L #	39
14) acrolein	6.065	56	2408	4.62	ug/L	94
15) 1,1-dichloroethene	6.651	96	2734	2.30	ug/L	98
16) acetone	6.208	43	4801	3.30	ug/L	81
17) Methyl Acetate	6.843	43	6091	1.67	ug/L #	81
18) methylene chloride	6.800	84	3272	2.19	ug/L	84
19) methyl tert butyl ether	7.584	73	5858	1.20	ug/L	79
20) acrylonitrile	6.708	53	3521	4.06	ug/L	94
22) trans-1,2-dichloroethene	7.493	96	1747	1.37	ug/L #	38
24) carbon disulfide	7.079	76	4995	1.32	ug/L	98
27) chloroprene	8.116	53	2998	1.09	ug/L	66
28) di-isopropyl ether	8.149	45	4608	0.94	ug/L	86
29) methacrylonitrile	8.282	41	1483	0.90	ug/L #	1
31) Hexane	8.133	41	2936	1.24	ug/L #	16
32) 1,1-dichloroethane	7.745	63	3291	1.09	ug/L #	58
36) cis-1,2-dichloroethene	8.321	96	2507	1.67	ug/L #	1
37) bromochloromethane	8.491	128	822m	1.45	ug/L	
38) chloroform	8.518	83	4372	1.18	ug/L	74
40) Tetrahydrofuran	8.855	42	1530	1.95	ug/L #	49
41) 1,1,1-trichloroethane	9.268	97	974m	0.29	ug/L	
43) Cyclohexane	9.551	56	2381	1.21	ug/L	91
44) carbon tetrachloride	9.637	117	1476	0.52	ug/L #	22
45) 1,1-dichloropropene	9.446	75	2939	1.13	ug/L	68
46) benzene	9.676	78	8476	1.35	ug/L	73
47) 1,2-dichloroethane	9.177	62	4940	1.23	ug/L	79

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21338.D
Acq On : 5 Sep 2007 2:43 am
Operator : amym
Sample : ic733-1
Misc : ms14235,msp733,,,,5,1
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 05 08:29:32 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
48) tert-amyl methyl ether	9.781	73	3876	1.05 ug/L	90
49) heptane	10.146	43	1342	1.06 ug/L	71
50) trichloroethene	10.282	95	2710	1.36 ug/L #	20
51) 1,2-dichloropropane	10.256	63	1650	1.08 ug/L	90
52) dibromomethane	10.231	93	1493	1.31 ug/L #	74
53) bromodichloromethane	10.343	83	2654	0.79 ug/L	81
54) Methylcyclohexane	10.802	83	1695	0.84 ug/L #	87
56) methyl methacrylate	10.444	69	1778	1.03 ug/L #	73
58) cis-1,3-dichloropropene	10.964	75	1231	0.47 ug/L	54
60) 4-methyl-2-pentanone	11.067	43	2810	0.89 ug/L #	43
61) toluene	11.740	92	5605	1.42 ug/L	95
62) trans-1,3-dichloropropene	11.388	75	1139	0.42 ug/L	52
63) 1,1,2-trichloroethane	11.556	83	1301	0.92 ug/L #	1
64) ethyl methacrylate	11.763	69	2021	0.70 ug/L #	1
66) tetrachloroethene	12.483	166	1223	0.96 ug/L #	56
67) 1,3-dichloropropane	11.793	76	3184	1.10 ug/L	77
68) dibromochloromethane	12.075	129	1627	0.92 ug/L #	9
69) 1,2-dibromoethane	12.335	107	1559	0.95 ug/L	82
70) 2-hexanone	11.944	43	1767	0.77 ug/L #	23
71) chlorobenzene	13.157	112	4351	1.22 ug/L #	53
72) 1,1,1,2-tetrachloroethane	13.078	131	1386	0.96 ug/L	93
73) ethylbenzene	13.337	91	8888	1.17 ug/L	76
74) m,p-xylene	13.519	106	6741	2.66 ug/L	96
75) o-xylene	13.932	106	2666	1.09 ug/L #	33
76) styrene	13.863	104	4858	1.14 ug/L	62
77) bromoform	13.684	173	1346	0.87 ug/L	82
80) isopropylbenzene	14.299	105	5991m	0.97 ug/L	
82) bromobenzene	14.582	156	1719	1.04 ug/L #	1
83) 1,1,2,2-tetrachloroethane	13.935	83	2707	1.15 ug/L	82
84) 1,2,3-trichloropropane	14.085	75	2941	0.96 ug/L #	36
85) n-propylbenzene	14.744	91	8001	0.96 ug/L	94
86) 2-chlorotoluene	14.862	91	5899	1.04 ug/L	85
87) 4-chlorotoluene	14.940	91	6572	1.11 ug/L	57
88) 1,3,5-trimethylbenzene	15.017	105	6641	1.07 ug/L	78
89) tert-butylbenzene	15.322	91	3492	0.83 ug/L #	70
90) 1,2,4-trimethylbenzene	15.424	105	7962	1.24 ug/L	95
91) sec-butylbenzene	15.540	105	5233	0.79 ug/L	89
92) 1,3-dichlorobenzene	15.648	146	2802	1.01 ug/L #	73
93) p-isopropyltoluene	15.717	119	5269	0.93 ug/L	73
94) 1,4-dichlorobenzene	15.708	146	4229	1.39 ug/L #	36
95) 1,2-dichlorobenzene	16.085	146	3383	1.19 ug/L #	57
96) n-butylbenzene	16.141	91	5282	0.94 ug/L	71
97) 1,2-dibromo-3-chloropr...	16.559	75	1556	1.42 ug/L #	36
98) 1,2,4-trichlorobenzene	17.919	180	1808	0.92 ug/L #	48
99) hexachlorobutadiene	18.197	225	1198	1.32 ug/L #	1
100) naphthalene	18.194	128	5272	0.80 ug/L	100
101) 1,2,3-trichlorobenzene	18.398	180	1849	0.96 ug/L	73

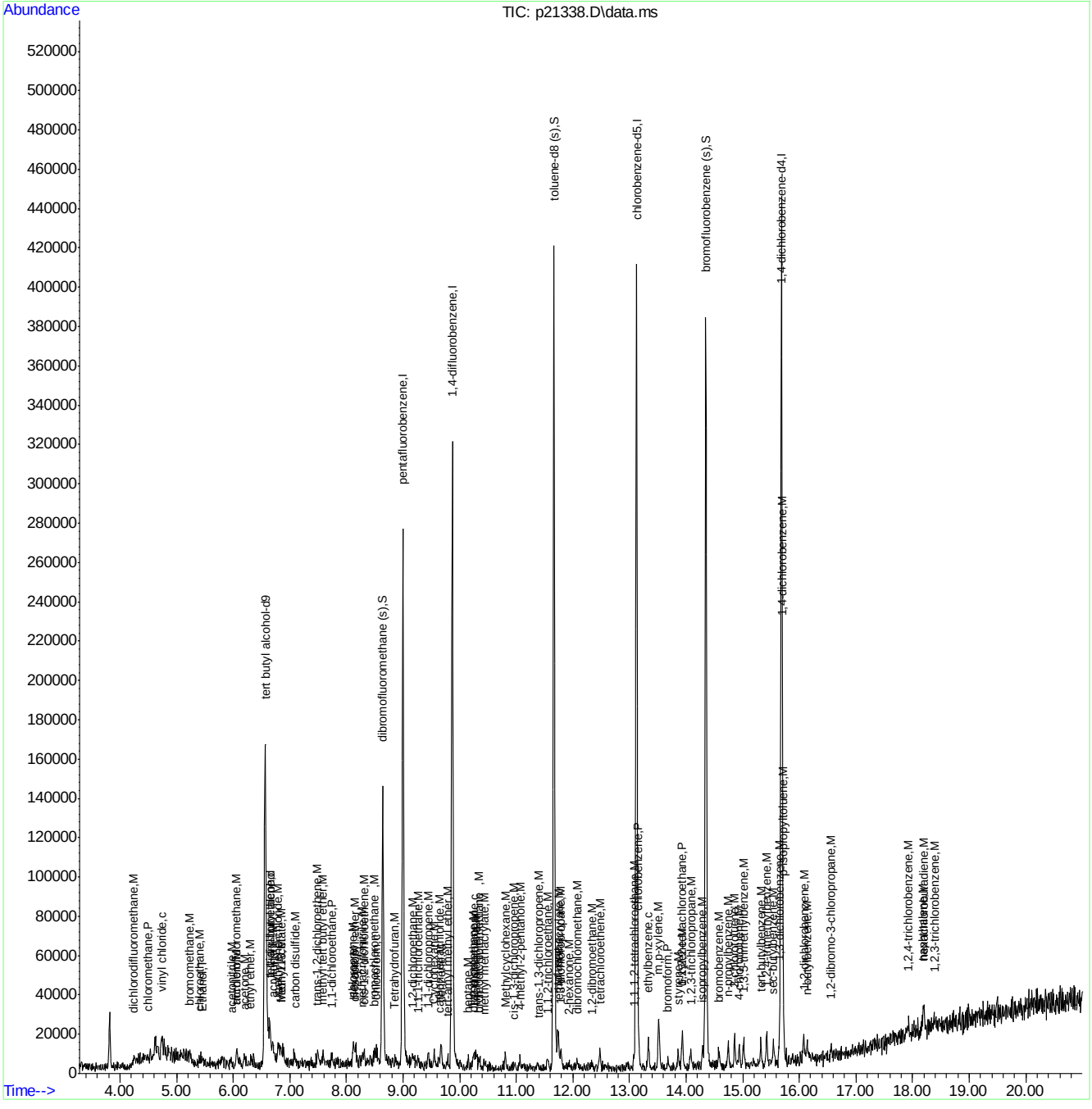
(#) = qualifier out of range (m) = manual integration (+) = signals summed

P090407w.M Thu Sep 06 09:06:11 2007 RP

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21338.D
Acq On : 5 Sep 2007 2:43 am
Operator : amym
Sample : ic733-1
Misc : ms14235,msp733,,,,5,1
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 05 08:29:32 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

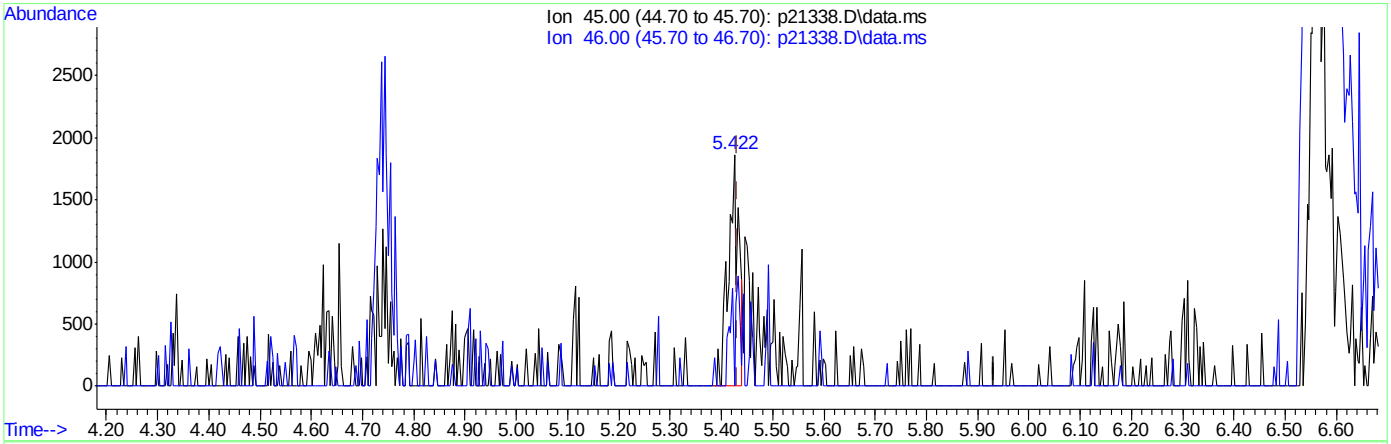


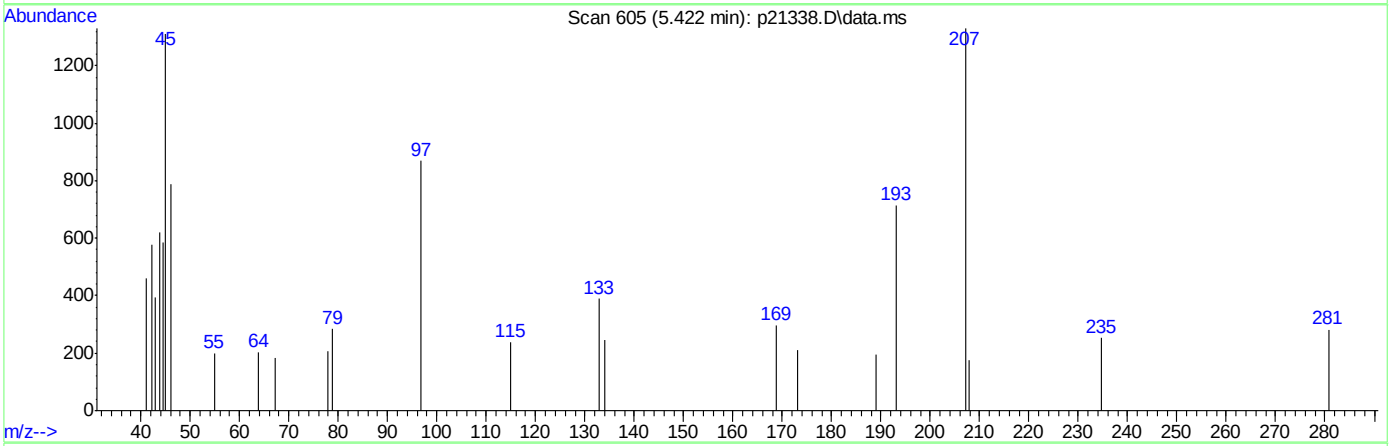
ACCUTEST Laboratories M67399

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21338.D
Acq On : 5 Sep 2007 2:43 am
Operator : amym
Sample : ic733-1
Misc : ms14235,msp733,,,,5,1
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 05 08:17:32 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





(4) Ethanol (T)

5.422min (-0.009) 75.76ug/L

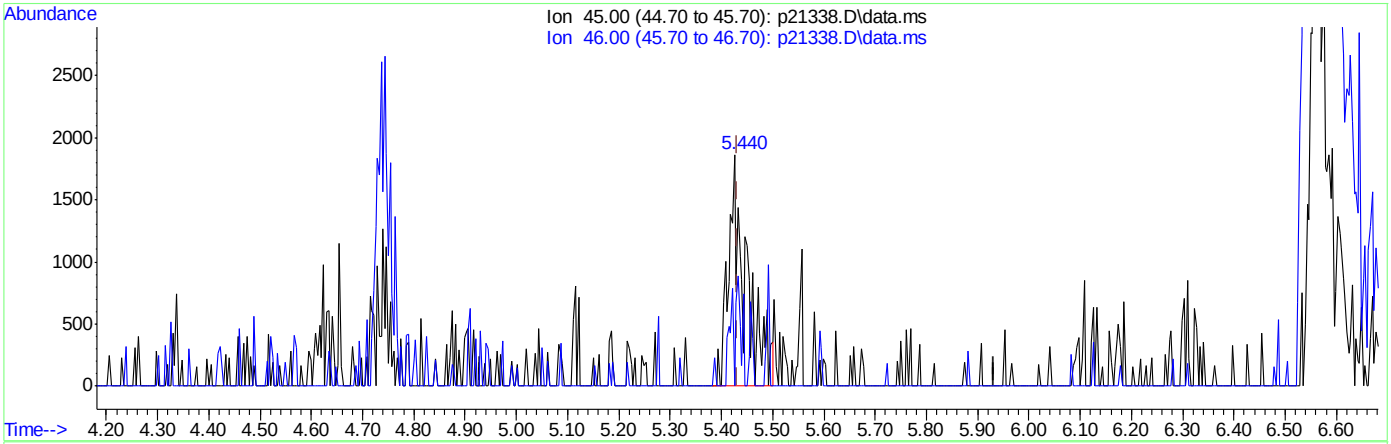
response 2574

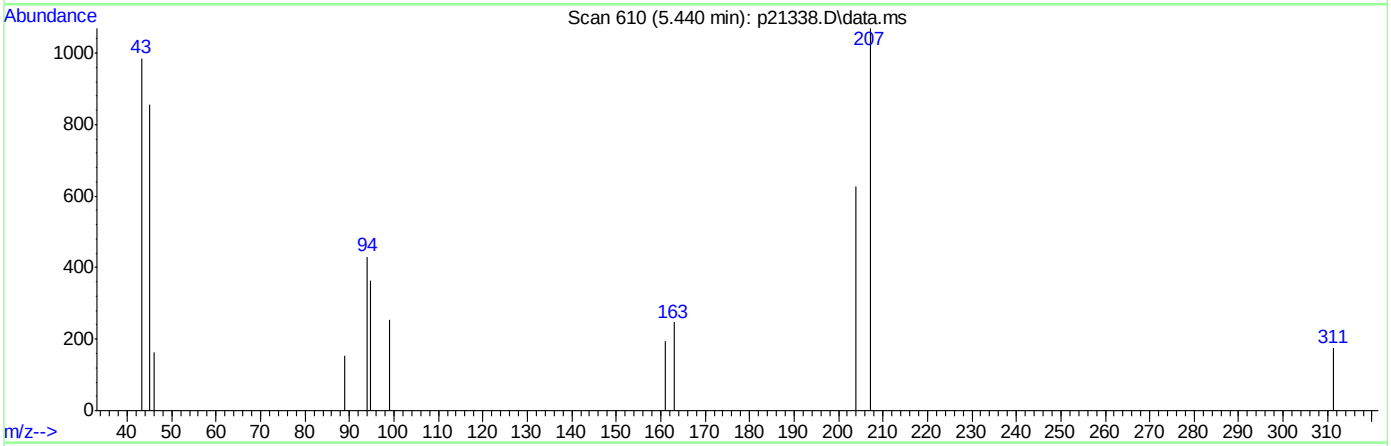
Ion	Exp%	Act%
45.00	100	100
46.00	33.20	41.45
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21338.D
Acq On : 5 Sep 2007 2:43 am
Operator : amym
Sample : ic733-1
Misc : ms14235,msp733,,,,5,1
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 05 08:17:32 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





TIC: p21338.D\data.ms

(4) Ethanol (T)

5.440min (+0.008) 128.47ug/L m

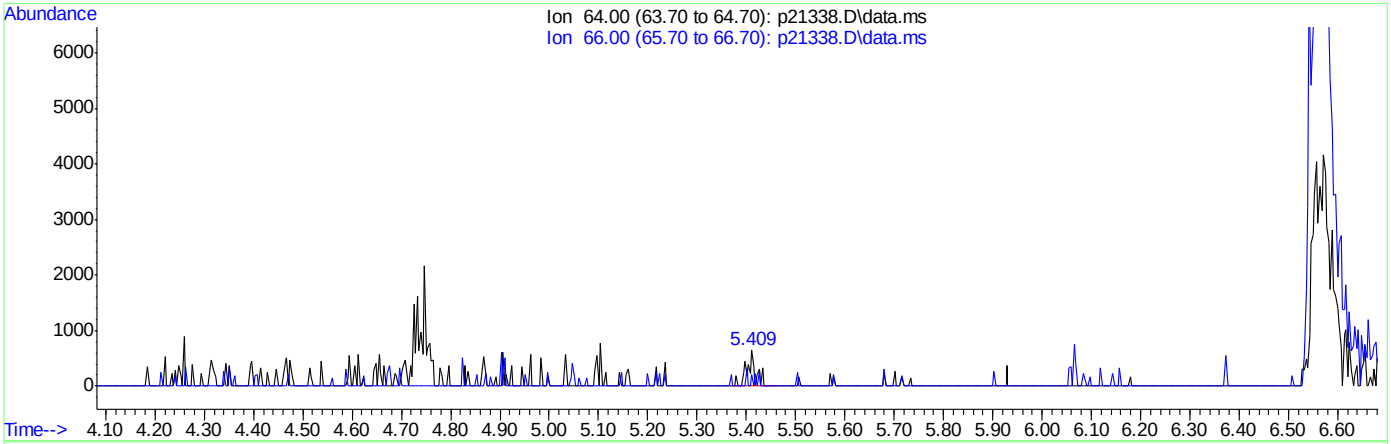
response 4365

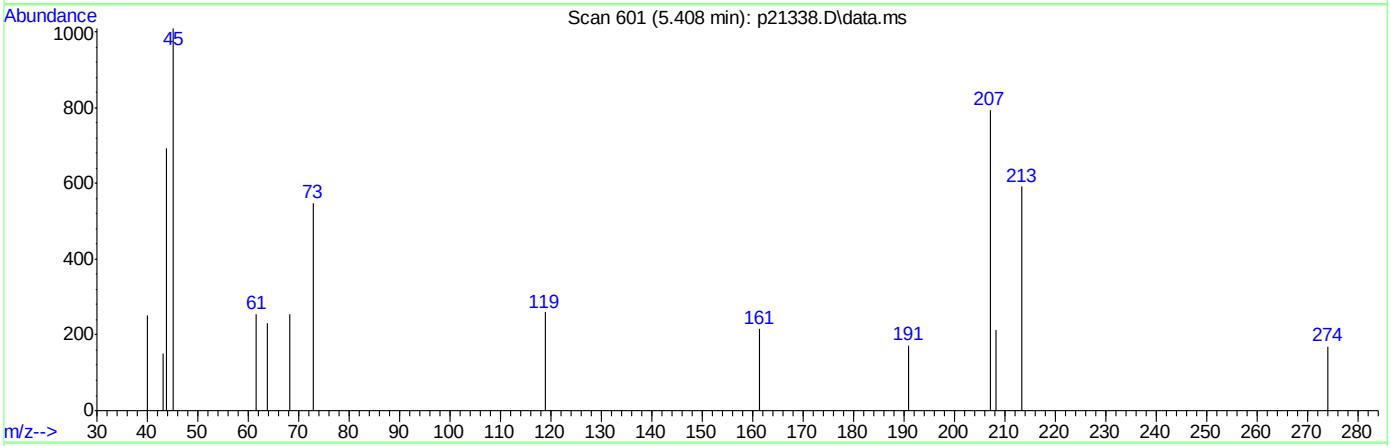
Ion	Exp%	Act%
45.00	100	100
46.00	33.20	24.44
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21338.D
Acq On : 5 Sep 2007 2:43 am
Operator : amym
Sample : ic733-1
Misc : ms14235,msp733,,,,5,1
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 05 08:17:32 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





TIC: p21338.D\data.ms

(9) chloroethane (M)

5.408min (-0.004) 1.21ug/L m

response 744

Ion	Exp%	Act%
64.00	100	100
66.00	31.40	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : p21338.D
Acq On    :  5 Sep 2007   2:43 am
Operator  : amym
Sample    : ic733-1
Misc      : ms14235,msp733,,,,5,1
ALS Vial  : 30   Sample Multiplier: 1

Quant Time: Sep 05 08:17:32 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title  : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration
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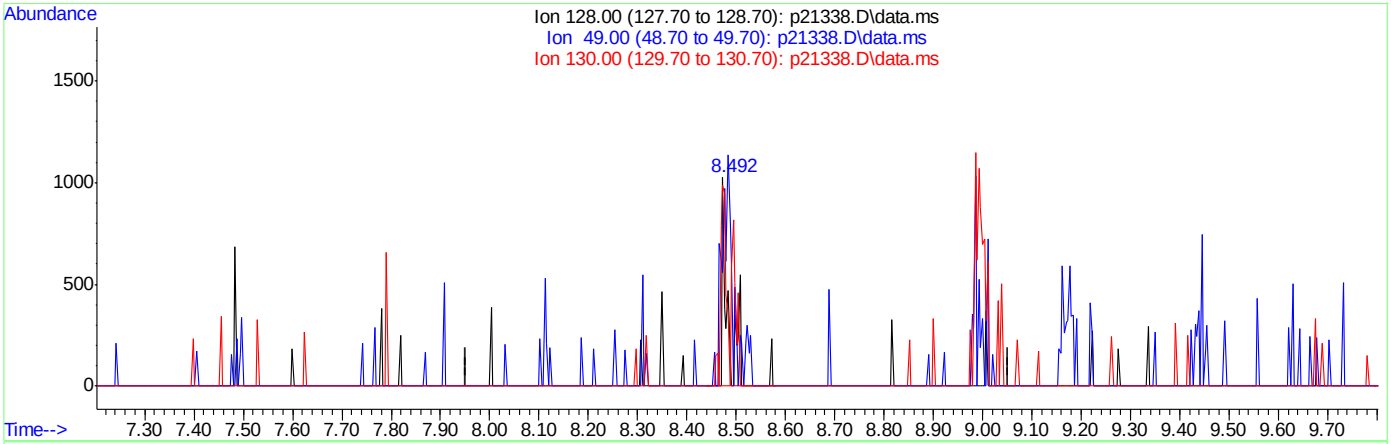
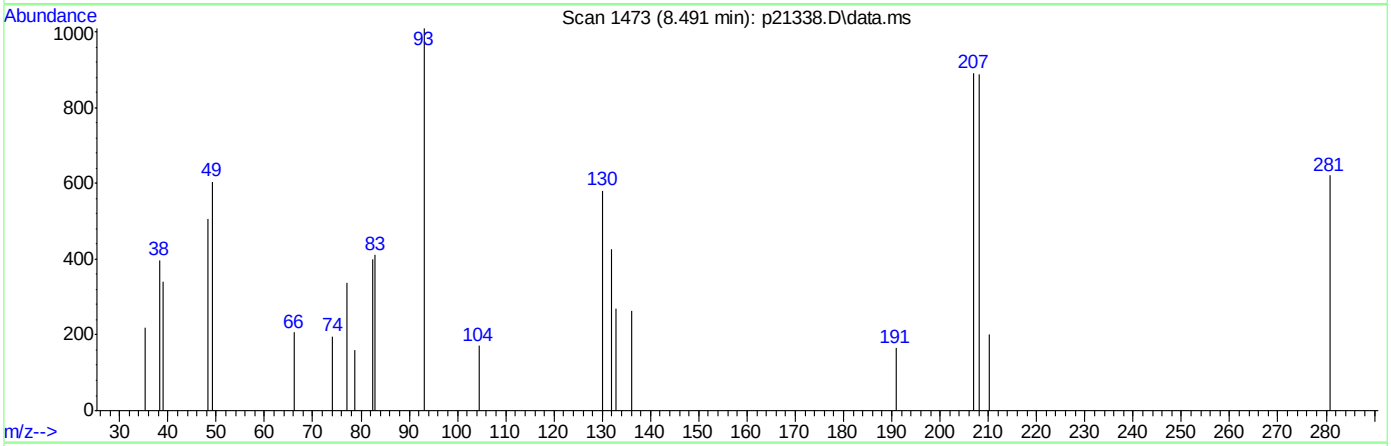




(37) bromochloromethane (M)

8.491min (+0.008) 1.45ug/L m

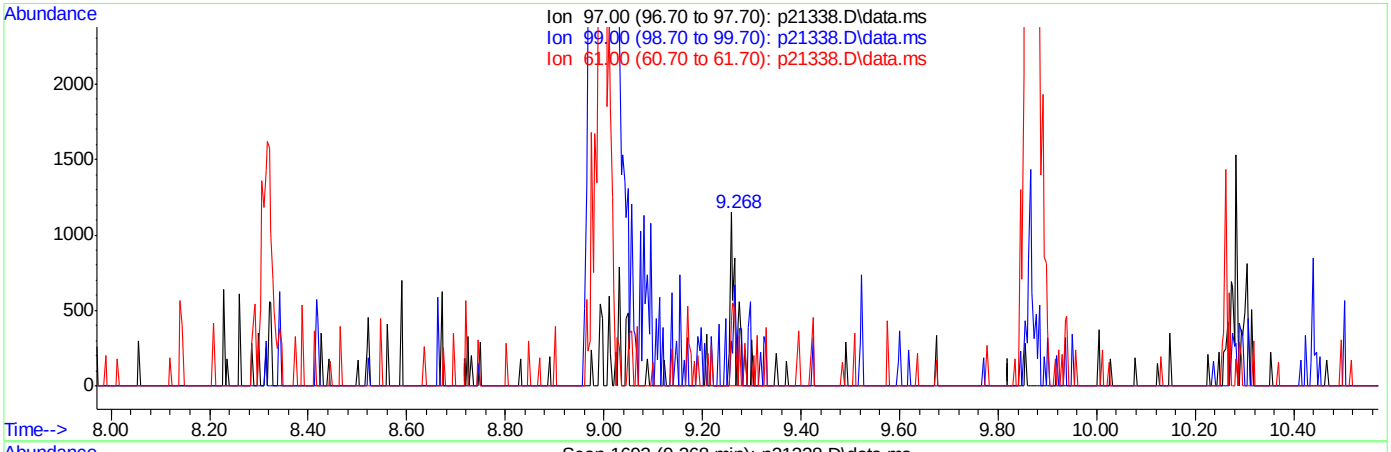
response 822

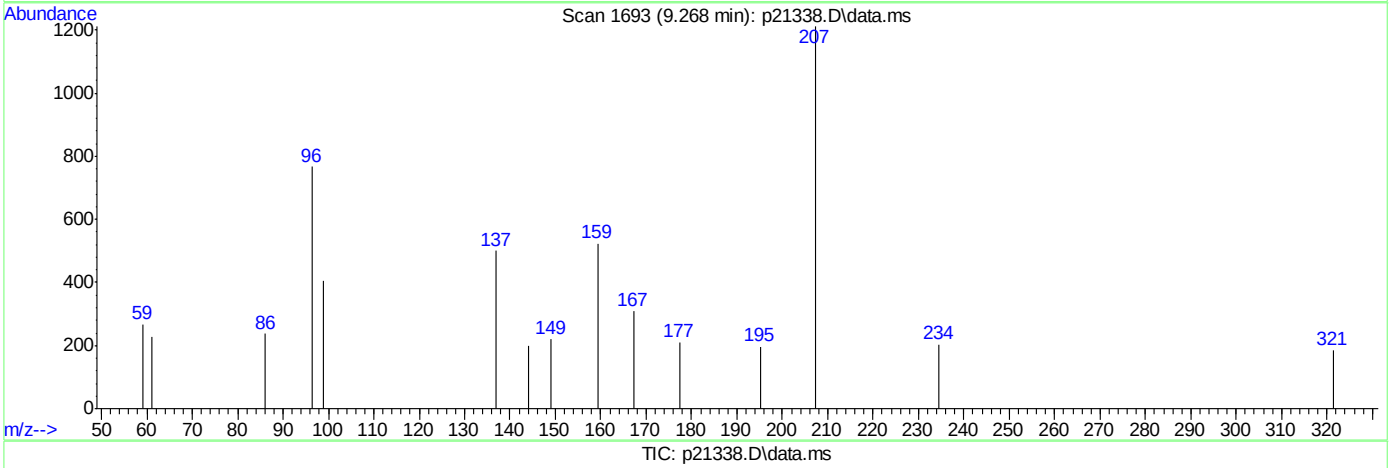
Ion	Exp%	Act%
128.00	100	100
49.00	214.50	60400.00#
130.00	124.50	58000.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21338.D
Acq On : 5 Sep 2007 2:43 am
Operator : amym
Sample : ic733-1
Misc : ms14235,msp733,,,,5,1
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 05 08:17:32 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





TIC: p21338.D\data.ms

(41) 1,1,1-trichloroethane (M)

9.268min (-0.003) 0.29ug/L m

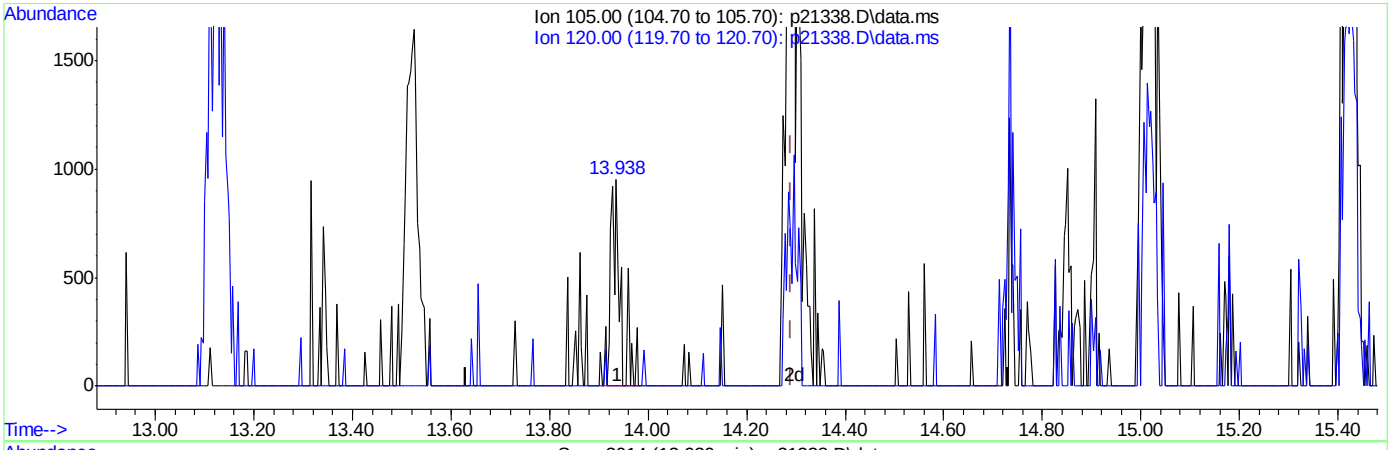
response 974

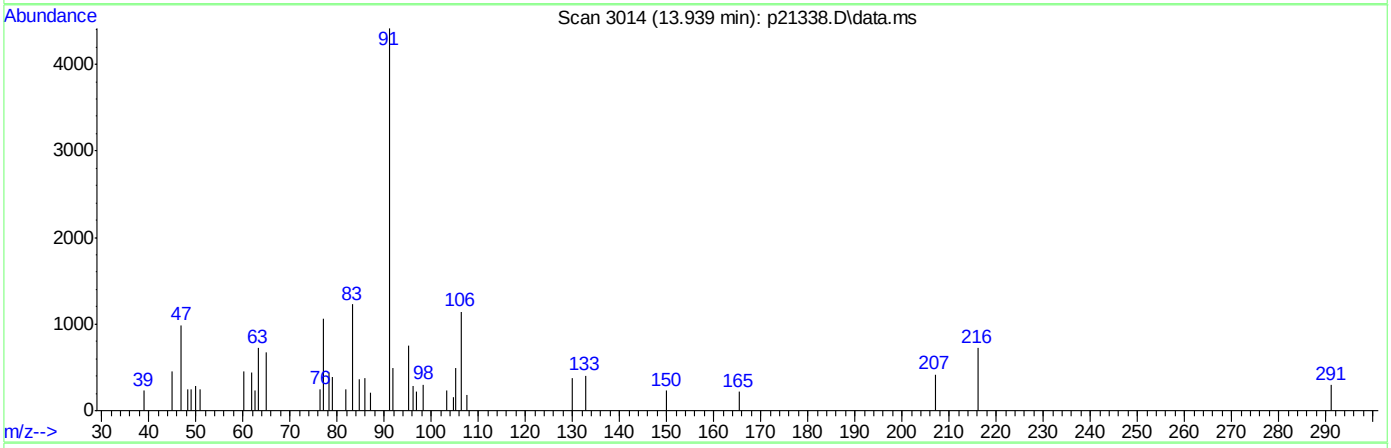
Ion	Exp%	Act%
97.00	100	100
99.00	64.40	40600.00#
61.00	44.80	22600.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21338.D
Acq On : 5 Sep 2007 2:43 am
Operator : amym
Sample : ic733-1
Misc : ms14235,msp733,,,,5,1
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 05 08:17:32 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





TIC: p21338.D\data.ms

(80) isopropylbenzene (M)

13.938min (-0.354) 0.20ug/L

response 1240

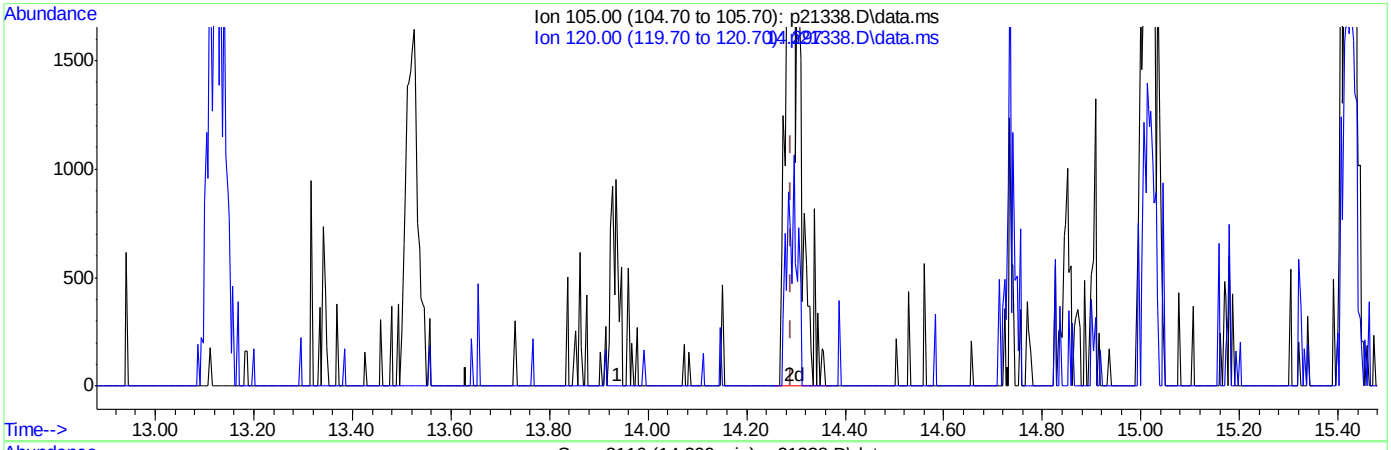
Ion	Exp%	Act%
105.00	100	100
120.00	24.50	0.00
0.00	0.00	0.00
0.00	0.00	0.00

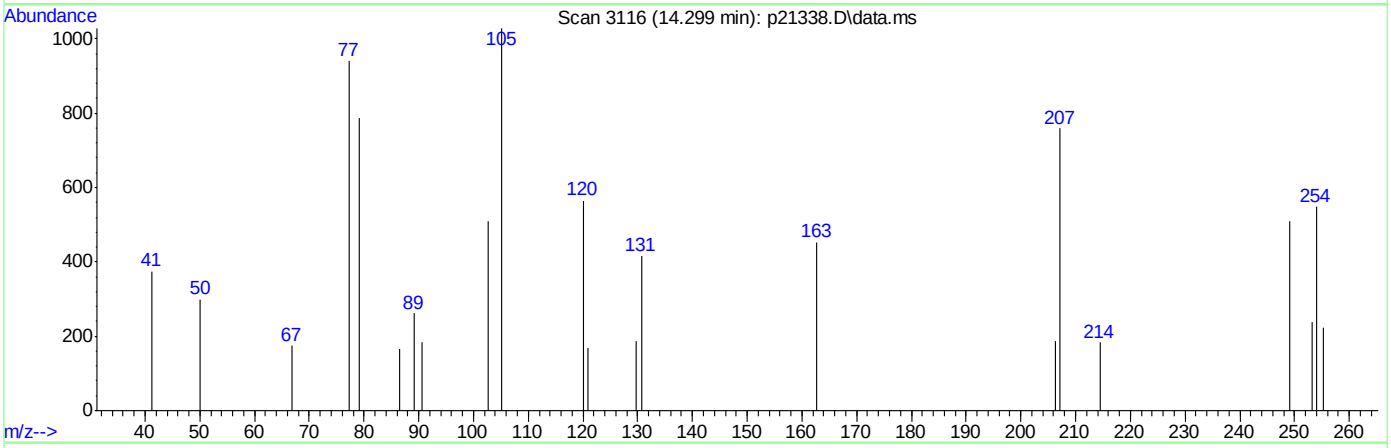
ACCUTEST Laboratories M67399

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21338.D
Acq On : 5 Sep 2007 2:43 am
Operator : amym
Sample : ic733-1
Misc : ms14235,msp733,,,,5,1
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 05 08:17:32 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





TIC: p21338.D\data.ms

(80) isopropylbenzene (M)

14.299min (+0.008) 0.97ug/L m

response 5991

Ion	Exp%	Act%
105.00	100	100
120.00	24.50	54.96#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani 09/06/07 10:54

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21339.D
Acq On : 5 Sep 2007 3:11 am
Operator : amym
Sample : ic733-2
Misc : ms14235,msp733,,,,5,1
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 05 08:32:23 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.572	65	207730	500.00	ug/L	0.00
3) pentafluorobenzene	9.001	168	126693	50.00	ug/L	0.00
42) 1,4-difluorobenzene	9.870	114	193519	50.00	ug/L	0.00
65) chlorobenzene-d5	13.125	82	141104	50.00	ug/L	0.00
79) 1,4-dichlorobenzene-d4	15.685	152	95609	50.00	ug/L	0.00

System Monitoring Compounds

39) dibromofluoromethane (s)	8.642	113	70941	49.48	ug/L	0.00
Spiked Amount 50.000	Range 85 - 129		Recovery = 98.96%			
59) toluene-d8 (s)	11.666	98	266375	48.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.72%			
81) bromofluorobenzene (s)	14.350	95	127223	48.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 96.48%			

Target Compounds

						Qvalue
2) tertiary butyl alcohol	6.658	59	19306	37.24	ug/L	100
4) Ethanol	5.436	45	13837	413.99	ug/L	97
5) dichlorodifluoromethane	4.240	85	3966	2.98	ug/L	68
6) chloromethane	4.489	50	2477	2.50	ug/L	98
7) vinyl chloride	4.740	62	4495	3.72	ug/L #	1
8) bromomethane	5.245	96	2278	4.19	ug/L #	1
9) chloroethane	5.411	64	2038	3.36	ug/L #	45
10) ethyl ether	6.304	59	3934	3.11	ug/L	80
11) acetonitrile	5.960	41	4747	7.85	ug/L #	31
12) trichlorofluoromethane	6.062	101	8622	2.97	ug/L	76
13) freon-113	6.835	101	3109	2.34	ug/L #	1
14) acrolein	6.063	56	9420	18.37	ug/L	78
15) 1,1-dichloroethene	6.650	96	6403	5.47	ug/L #	55
16) acetone	6.203	43	8803m	6.15	ug/L	
17) Methyl Acetate	6.838	43	11323	3.16	ug/L #	85
18) methylene chloride	6.800	84	7141	4.85	ug/L #	80
19) methyl tert butyl ether	7.584	73	14665	3.05	ug/L	91
20) acrylonitrile	6.707	53	11504	13.50	ug/L #	57
21) allyl chloride	6.894	41	3230	2.66	ug/L #	16
22) trans-1,2-dichloroethene	7.490	96	5219	4.15	ug/L #	77
23) iodomethane	6.705	142	679m	1.34	ug/L	
24) carbon disulfide	7.078	76	10314	2.77	ug/L	75
25) propionitrile	7.777	54	1158m	2.91	ug/L	
27) chloroprene	8.112	53	6921	2.56	ug/L	91
28) di-isopropyl ether	8.149	45	16021	3.34	ug/L	98
29) methacrylonitrile	8.277	41	5364	3.31	ug/L #	45
30) 2-butanone	8.159	72	1467	3.88	ug/L #	85
31) Hexane	8.140	41	6637	2.86	ug/L #	27
32) 1,1-dichloroethane	7.747	63	8710	2.95	ug/L	65
33) tert-butyl ethyl ether	8.545	59	5374	1.59	ug/L #	1
34) isobutyl alcohol	8.593	43	3686m	15.11	ug/L	
35) 2,2-dichloropropane	8.600	77	136m	0.08	ug/L	
36) cis-1,2-dichloroethene	8.316	96	5807	3.93	ug/L	92
37) bromochloromethane	8.482	128	2423	4.33	ug/L #	59
38) chloroform	8.520	83	12435	3.41	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21339.D
Acq On : 5 Sep 2007 3:11 am
Operator : amym
Sample : ic733-2
Misc : ms14235,msp733,,,,5,1
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 05 08:32:23 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
40) Tetrahydrofuran	8.860	42	3772	4.89 ug/L	97
41) 1,1,1-trichloroethane	9.277	97	3442	1.03 ug/L #	53
43) Cyclohexane	9.553	56	5165	2.66 ug/L #	1
44) carbon tetrachloride	9.634	117	5442	1.96 ug/L	78
45) 1,1-dichloropropene	9.448	75	6998	2.74 ug/L	93
46) benzene	9.674	78	18931	3.05 ug/L	71
47) 1,2-dichloroethane	9.174	62	12394	3.12 ug/L	87
48) tert-amyl methyl ether	9.789	73	8191	2.24 ug/L	92
49) heptane	10.148	43	2980	2.39 ug/L	73
50) trichloroethene	10.291	95	4994	2.54 ug/L	96
51) 1,2-dichloropropane	10.259	63	4000	2.66 ug/L	90
52) dibromomethane	10.232	93	4542	4.04 ug/L #	10
53) bromodichloromethane	10.345	83	8442	2.54 ug/L	81
54) Methylcyclohexane	10.808	83	4521	2.27 ug/L #	70
56) methyl methacrylate	10.442	69	4484	2.63 ug/L #	47
57) 1,4-dioxane	10.456	88	743m	18.06 ug/L	
58) cis-1,3-dichloropropene	10.962	75	3753	1.45 ug/L	85
60) 4-methyl-2-pentanone	11.068	43	9273	3.00 ug/L	85
61) toluene	11.738	92	12871	3.30 ug/L	84
62) trans-1,3-dichloropropene	11.381	75	3688	1.39 ug/L	84
63) 1,1,2-trichloroethane	11.553	83	4367	3.14 ug/L	86
64) ethyl methacrylate	11.760	69	6716	2.34 ug/L	86
66) tetrachloroethene	12.477	166	3837	3.04 ug/L #	48
67) 1,3-dichloropropane	11.788	76	10429	3.61 ug/L	100
68) dibromochloromethane	12.078	129	4513	2.55 ug/L	77
69) 1,2-dibromoethane	12.332	107	5090	3.11 ug/L #	34
70) 2-hexanone	11.936	43	6606	2.88 ug/L	84
71) chlorobenzene	13.158	112	11894	3.36 ug/L #	60
72) 1,1,1,2-tetrachloroethane	13.080	131	4446	3.09 ug/L	86
73) ethylbenzene	13.335	91	23265	3.07 ug/L	87
74) m,p-xylene	13.517	106	15827	6.27 ug/L #	32
75) o-xylene	13.931	106	7671	3.15 ug/L #	80
76) styrene	13.860	104	11007	2.61 ug/L	61
77) bromoform	13.684	173	5503	3.58 ug/L	93
78) trans-1,4-dichloro-2-b...	14.084	53	812m	2.44 ug/L	
80) isopropylbenzene	14.291	105	16471	2.66 ug/L	72
82) bromobenzene	14.582	156	5432	3.30 ug/L #	1
83) 1,1,2,2-tetrachloroethane	13.934	83	6851	2.92 ug/L	80
84) 1,2,3-trichloropropane	14.080	75	8683	2.85 ug/L	77
85) n-propylbenzene	14.739	91	21370	2.58 ug/L	100
86) 2-chlorotoluene	14.859	91	17980	3.17 ug/L	81
87) 4-chlorotoluene	14.935	91	18272	3.08 ug/L	81
88) 1,3,5-trimethylbenzene	15.014	105	17076	2.77 ug/L	95
89) tert-butylbenzene	15.321	91	12215m	2.91 ug/L	
90) 1,2,4-trimethylbenzene	15.424	105	22454	3.51 ug/L	97
91) sec-butylbenzene	15.544	105	17897	2.72 ug/L	78
92) 1,3-dichlorobenzene	15.646	146	8669	3.12 ug/L	83
93) p-isopropyltoluene	15.715	119	15644	2.76 ug/L	66
94) 1,4-dichlorobenzene	15.714	146	10452	3.44 ug/L	80
95) 1,2-dichlorobenzene	16.084	146	9802m	3.46 ug/L	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21339.D
Acq On : 5 Sep 2007 3:11 am
Operator : amym
Sample : ic733-2
Misc : ms14235,msp733,,,,5,1
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 05 08:32:23 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
96) n-butylbenzene	16.140	91	15615	2.79 ug/L	88
97) 1,2-dibromo-3-chloropr...	16.565	75	4199	3.84 ug/L #	41
98) 1,2,4-trichlorobenzene	17.915	180	5240	2.67 ug/L	73
99) hexachlorobutadiene	18.196	225	3763	4.14 ug/L	74
100) naphthalene	18.186	128	14992	2.29 ug/L	100
101) 1,2,3-trichlorobenzene	18.388	180	6450	3.35 ug/L	69

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
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Acq On : 5 Sep 2007 3:11 am
Operator : amym
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Misc : ms14235,msp733,,,,5,1
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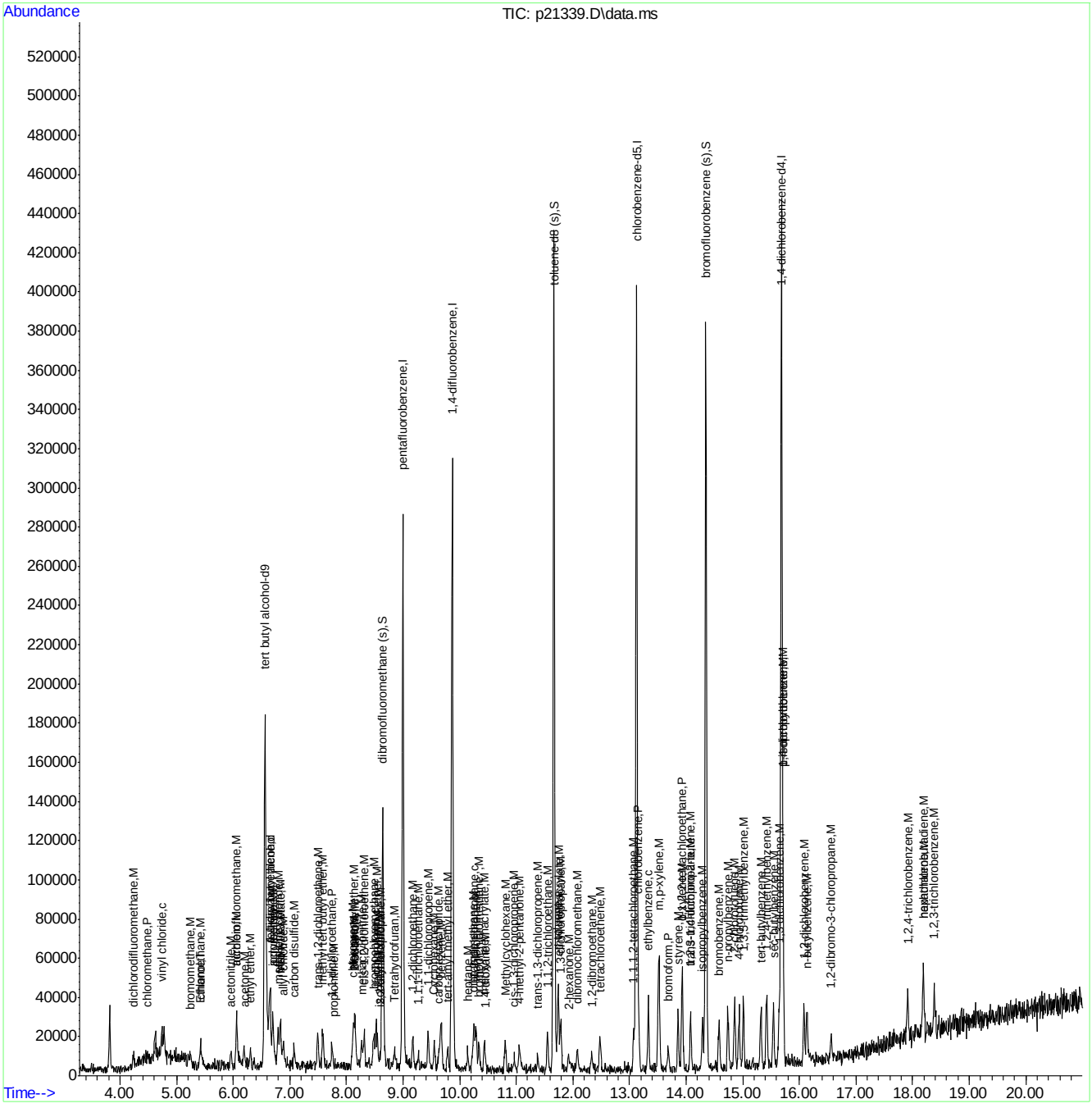
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration



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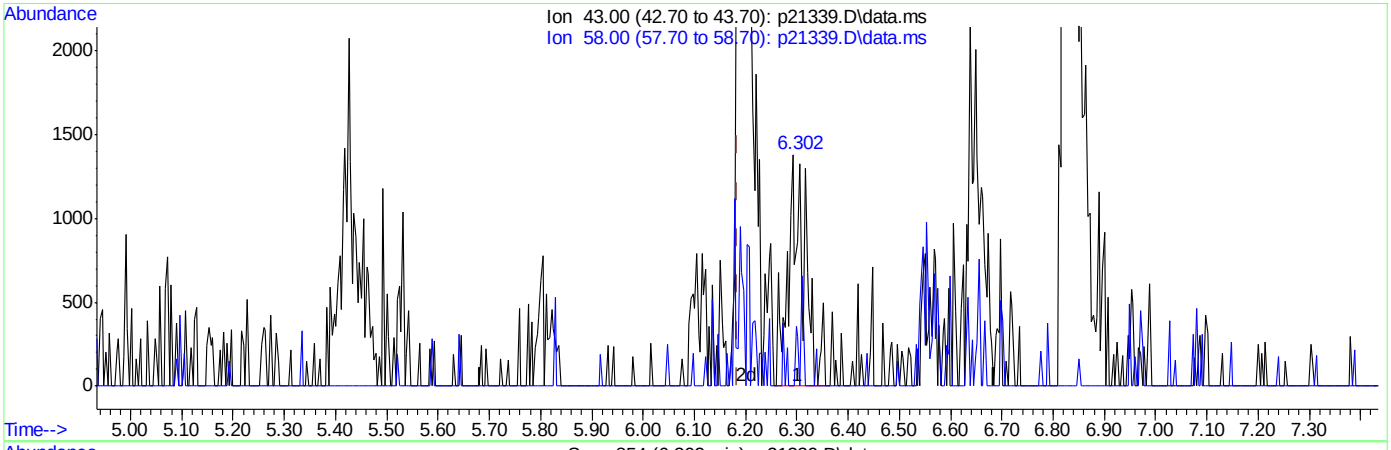
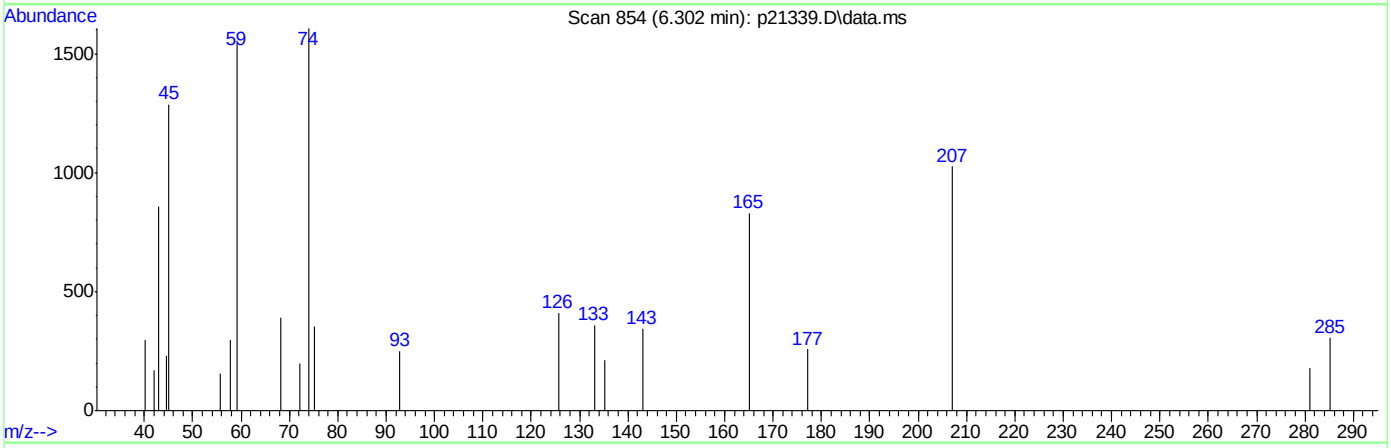
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21339.D
Acq On : 5 Sep 2007 3:11 am
Operator : amym
Sample : ic733-2
Misc : ms14235,msp733,,,,5,1
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 05 08:17:36 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





TIC: p21339.D\data.ms

(16) acetone (M)

6.302min (+0.117) 2.12ug/L

response 3042

Ion	Exp%	Act%
43.00	100	100
58.00	35.40	34.46
0.00	0.00	0.00
0.00	0.00	0.00

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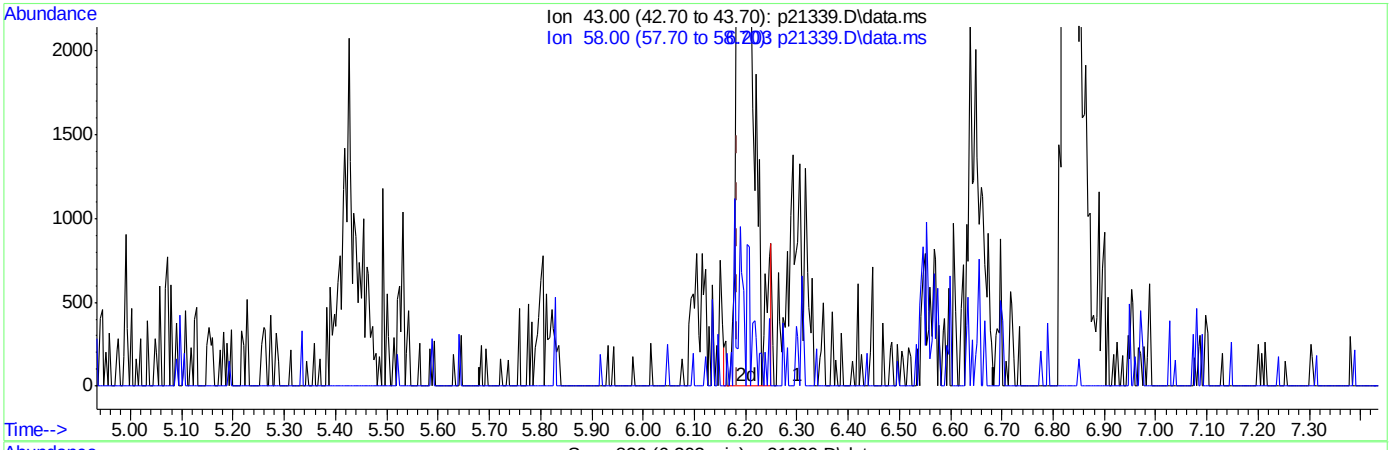
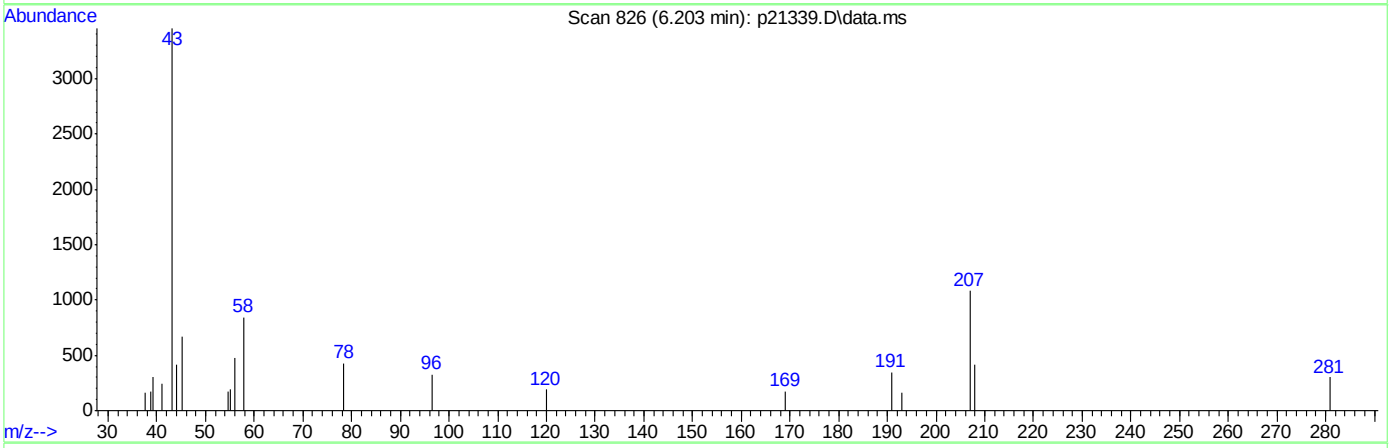
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21339.D
Acq On : 5 Sep 2007 3:11 am
Operator : amym
Sample : ic733-2
Misc : ms14235,msp733,,,,5,1
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 05 08:17:36 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





TIC: p21339.D\data.ms

(16) acetone (M)

6.203min (+0.019) 6.15ug/L m

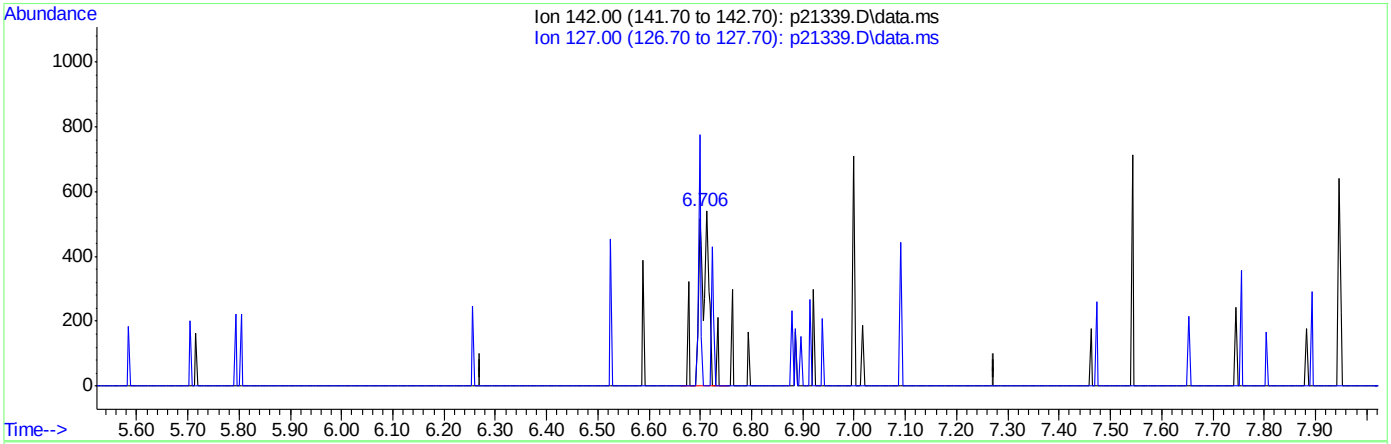
response 8803

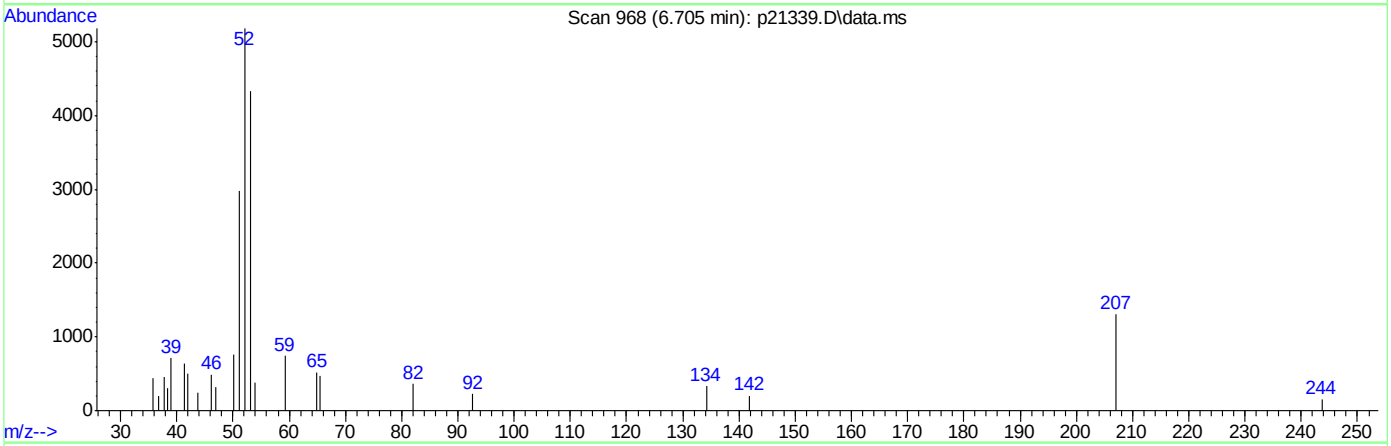
Ion	Exp%	Act%
43.00	100	100
58.00	35.40	24.43
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21339.D
Acq On : 5 Sep 2007 3:11 am
Operator : amym
Sample : ic733-2
Misc : ms14235,msp733,,,,5,1
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 05 08:17:36 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





TIC: p21339.D\data.ms

(23) iodomethane (M)

6.705min (-0.067) 1.34ug/L m

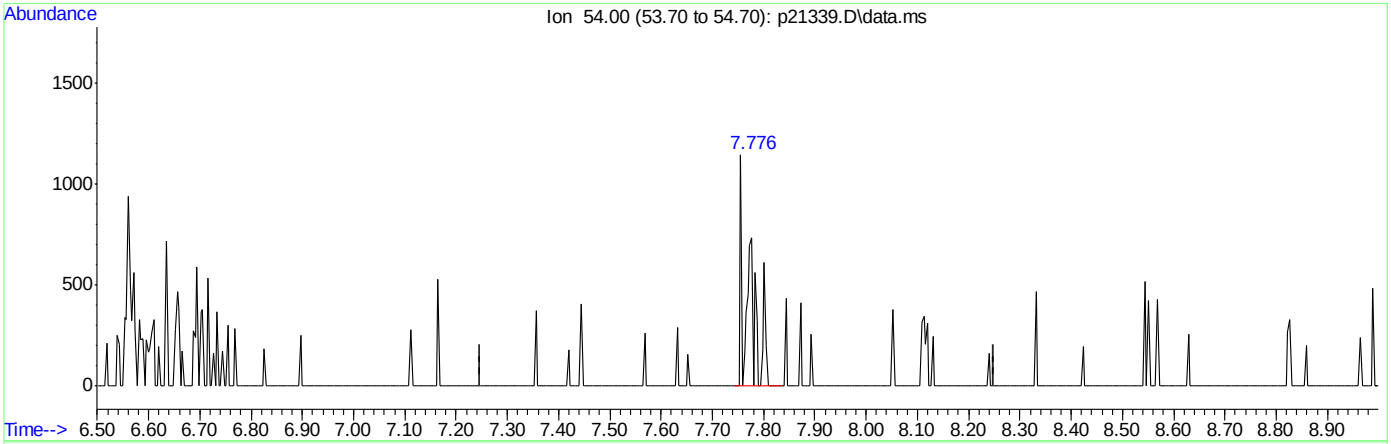
response 679

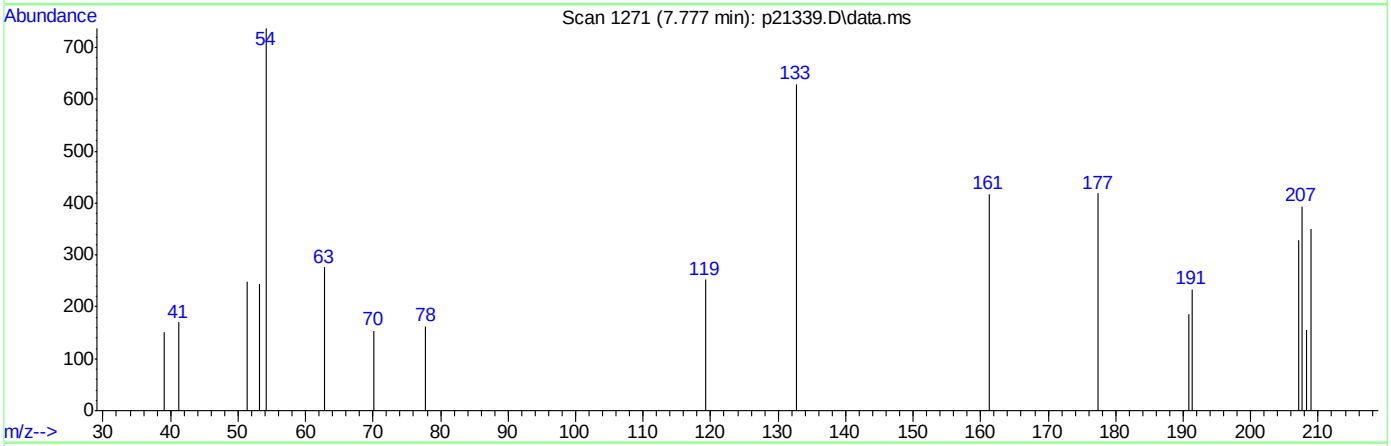
Ion	Exp%	Act%
142.00	100	100
127.00	44.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : p21339.D
Acq On    :  5 Sep 2007   3:11 am
Operator  : amym
Sample    : ic733-2
Misc      : ms14235,msp733,,,,5,1
ALS Vial  : 31   Sample Multiplier: 1

Quant Time: Sep 05 08:17:36 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title  : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration
```



TIC: p21339.D\data.ms

(25) propionitrile (M)

7.777min (+0.027) 2.91ug/L m

response 1158

Ion	Exp%	Act%
54.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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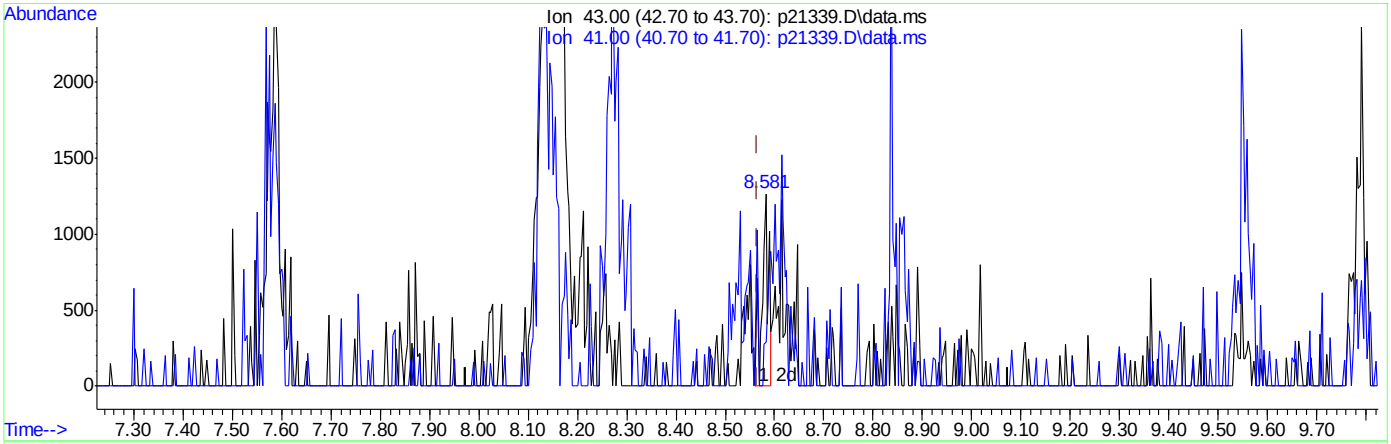
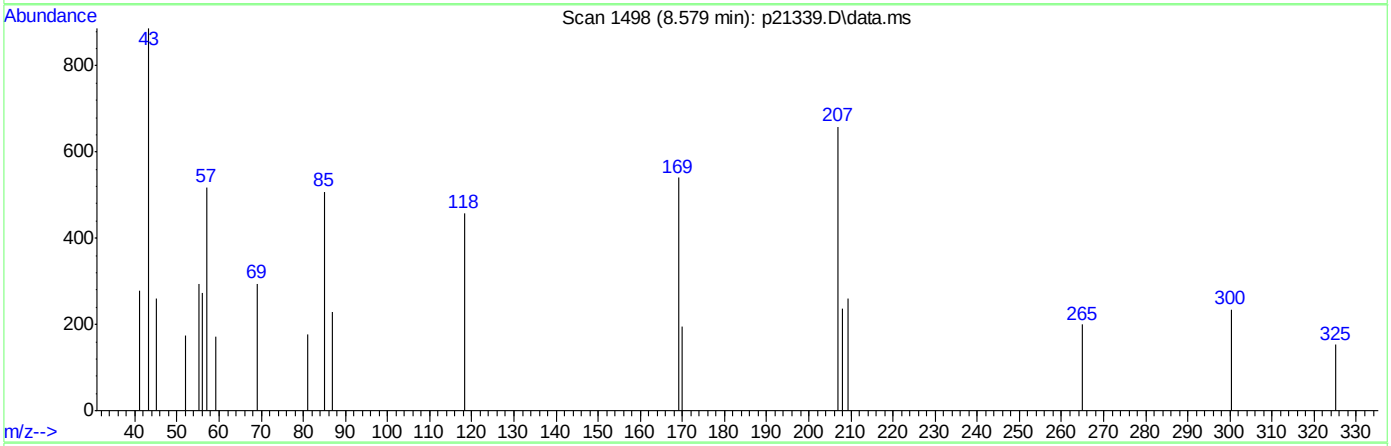
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21339.D
Acq On : 5 Sep 2007 3:11 am
Operator : amym
Sample : ic733-2
Misc : ms14235,msp733,,,,5,1
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 05 08:17:36 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





TIC: p21339.D\data.ms

(34) isobutyl alcohol (M)

8.581min (+0.016) 4.84ug/L

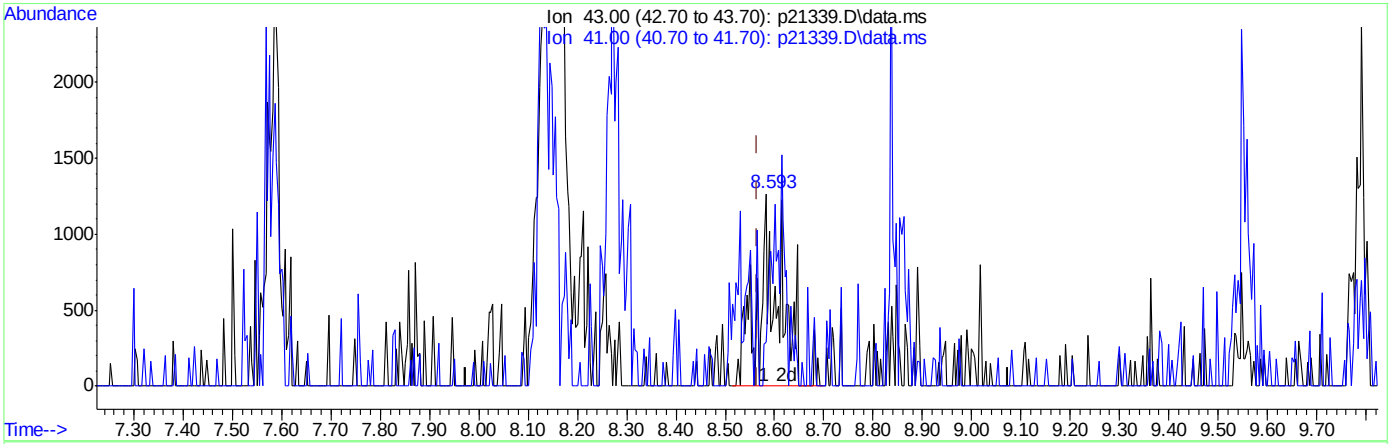
response 1180

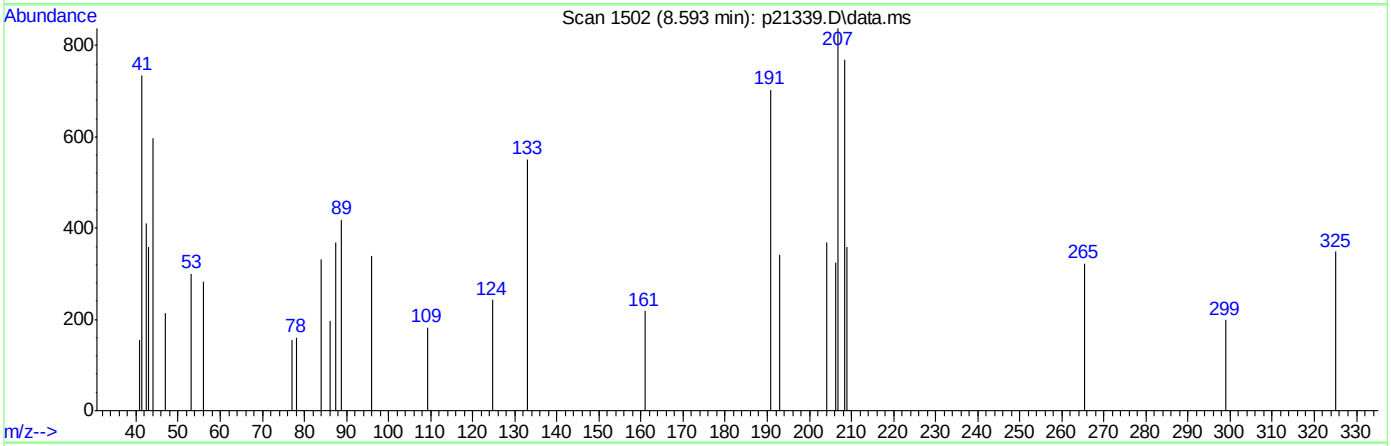
Ion	Exp%	Act%
43.00	100	100
41.00	142.10	14.32#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21339.D
Acq On : 5 Sep 2007 3:11 am
Operator : amym
Sample : ic733-2
Misc : ms14235,msp733,,,,5,1
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 05 08:17:36 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





(34) isobutyl alcohol (M)

8.593min (+0.028) 15.11ug/L m

response 3686

Ion	Exp%	Act%
43.00	100	100
41.00	142.10	204.17#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21339.D
Acq On : 5 Sep 2007 3:11 am
Operator : amym
Sample : ic733-2
Misc : ms14235,msp733,,,,5,1
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 05 08:17:36 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
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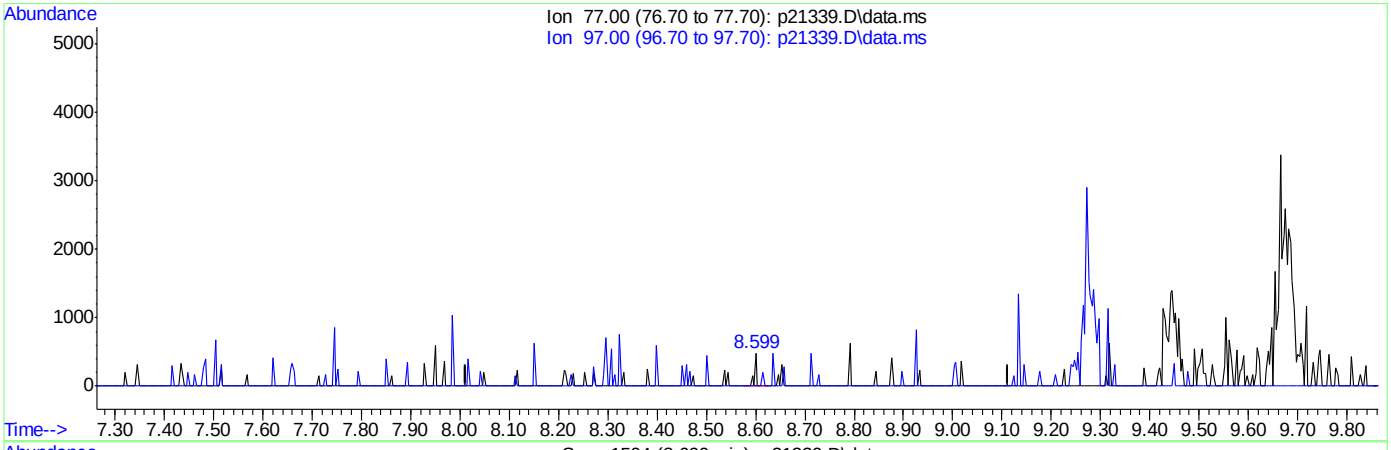
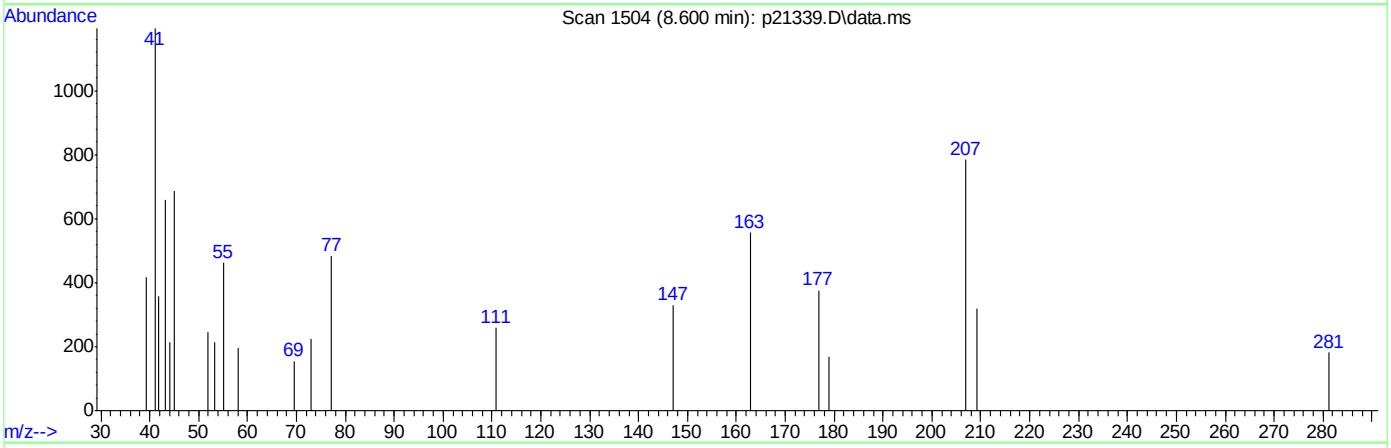




TIC: p21339.D\data.ms

(35) 2,2-dichloropropane (M)

8.600min (-0.003) 0.08ug/L m

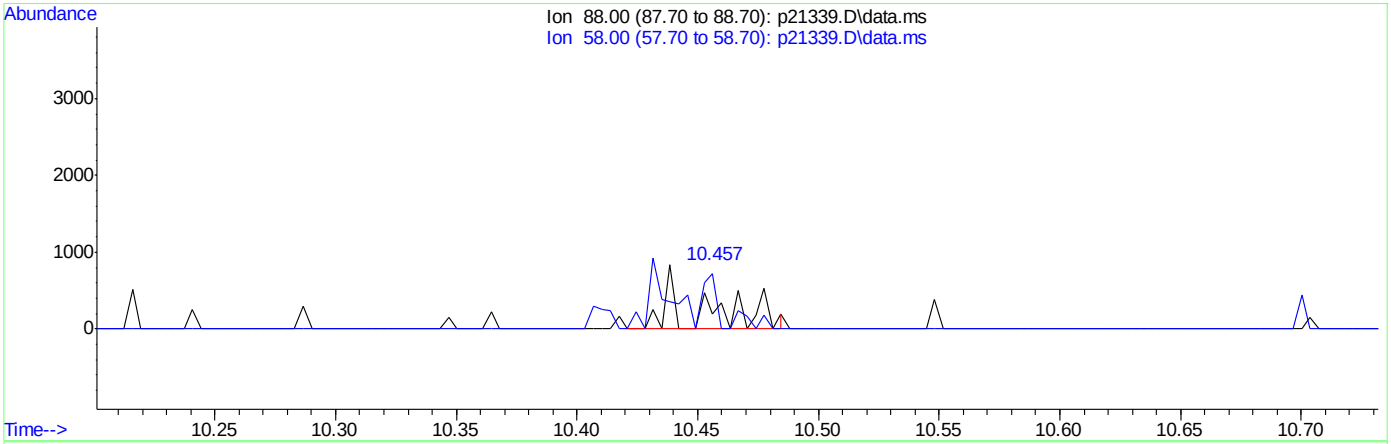
response 136

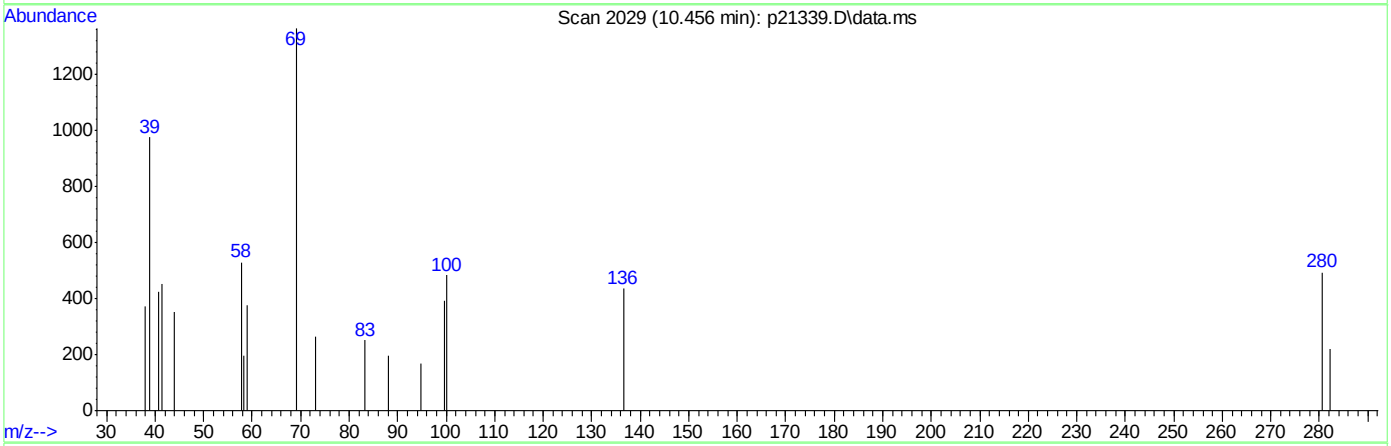
Ion	Exp%	Act%
77.00	100	100
97.00	19.40	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21339.D
Acq On : 5 Sep 2007 3:11 am
Operator : amym
Sample : ic733-2
Misc : ms14235,msp733,,,,5,1
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 05 08:17:36 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





TIC: p21339.D\data.ms

(57) 1,4-dioxane (M)

10.456min (+0.017) 18.06ug/L m

response 743

Ion	Exp%	Act%
88.00	100	100
58.00	68.00	270.77#
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21339.D
Acq On : 5 Sep 2007 3:11 am
Operator : amym
Sample : ic733-2
Misc : ms14235,msp733,,,,5,1
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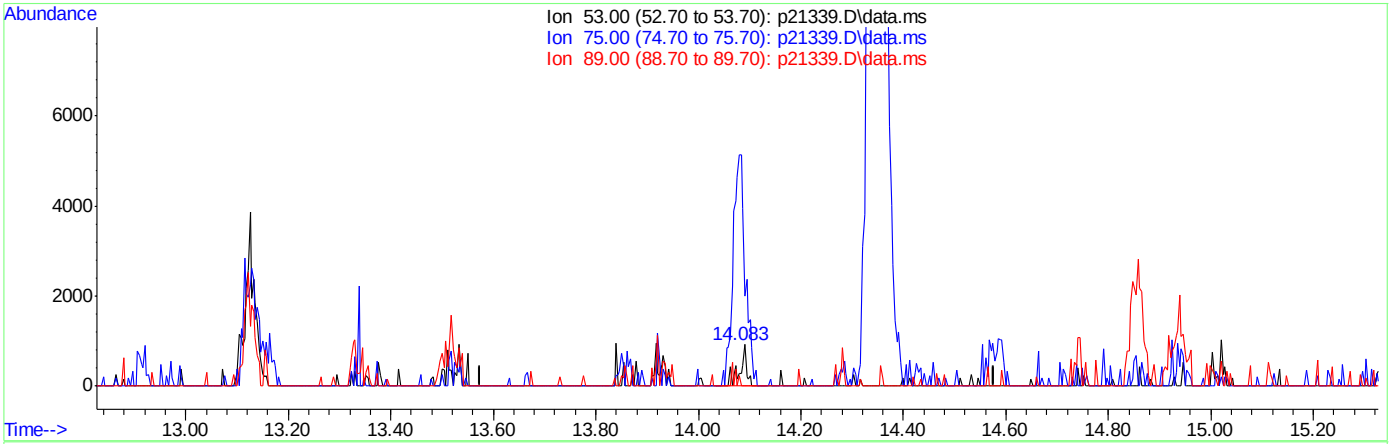
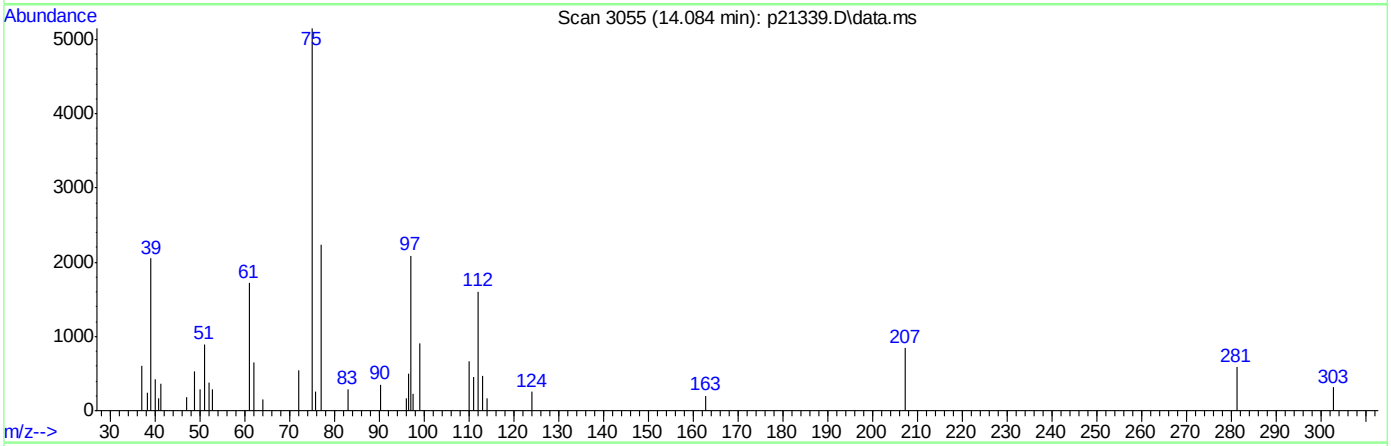
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





TIC: p21339.D\data.ms

(78) trans-1,4-dichloro-2-butene (M)

14.084min (+0.007) 2.44ug/L m

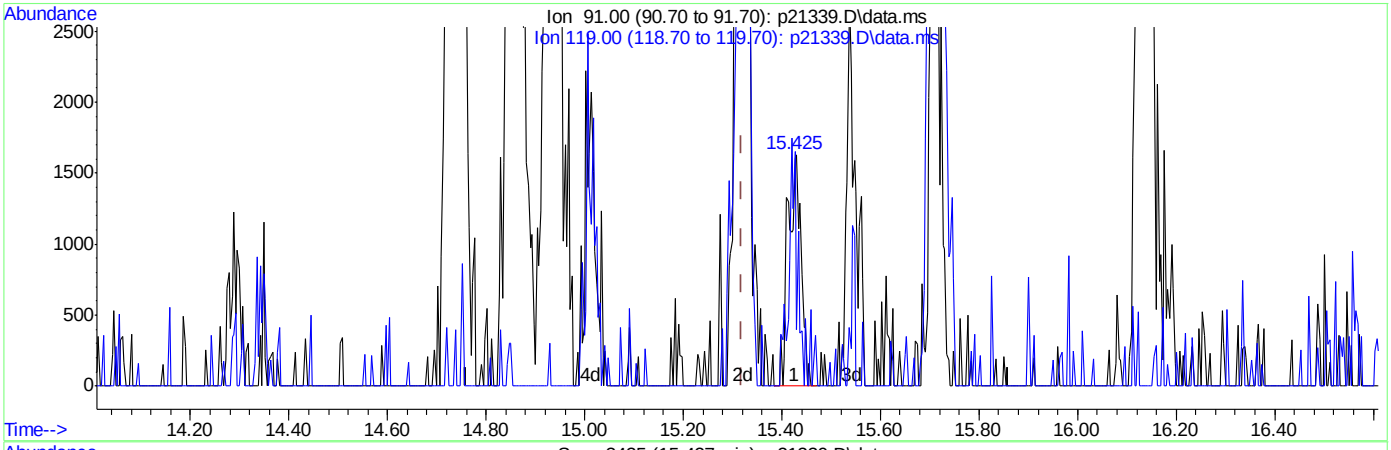
response 812

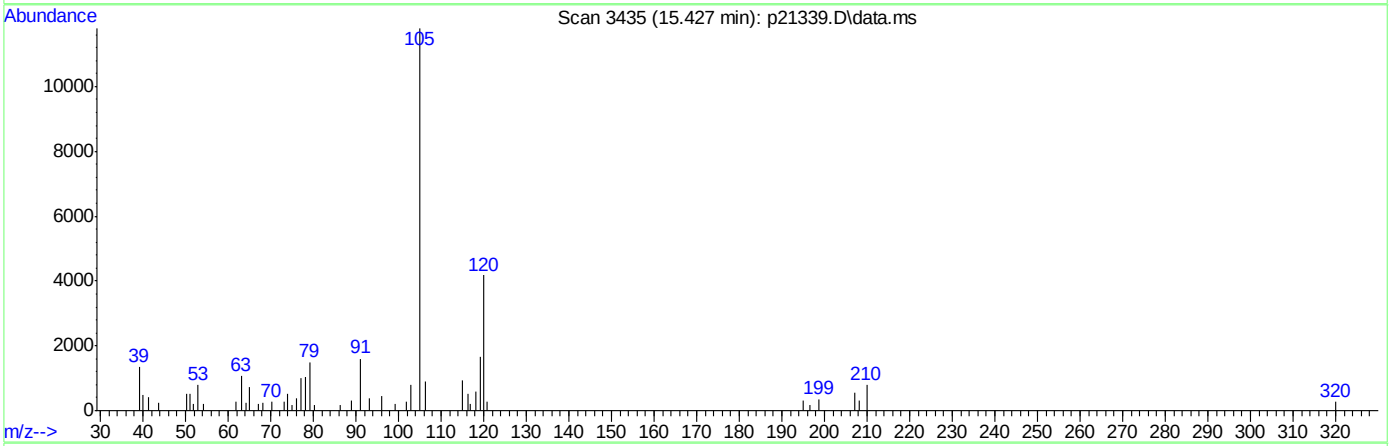
Ion	Exp%	Act%
53.00	100	100
75.00	943.10	1812.68#
89.00	59.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21339.D
Acq On : 5 Sep 2007 3:11 am
Operator : amym
Sample : ic733-2
Misc : ms14235,msp733,,,,5,1
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 05 08:17:36 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





(89) tert-butylbenzene (M)

15.425min (+0.105) 0.70ug/L

response 2941

Ion	Exp%	Act%
91.00	100	100
119.00	129.40	102.67
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21339.D
Acq On : 5 Sep 2007 3:11 am
Operator : amym
Sample : ic733-2
Misc : ms14235,msp733,,,,5,1
ALS Vial : 31 Sample Multiplier: 1

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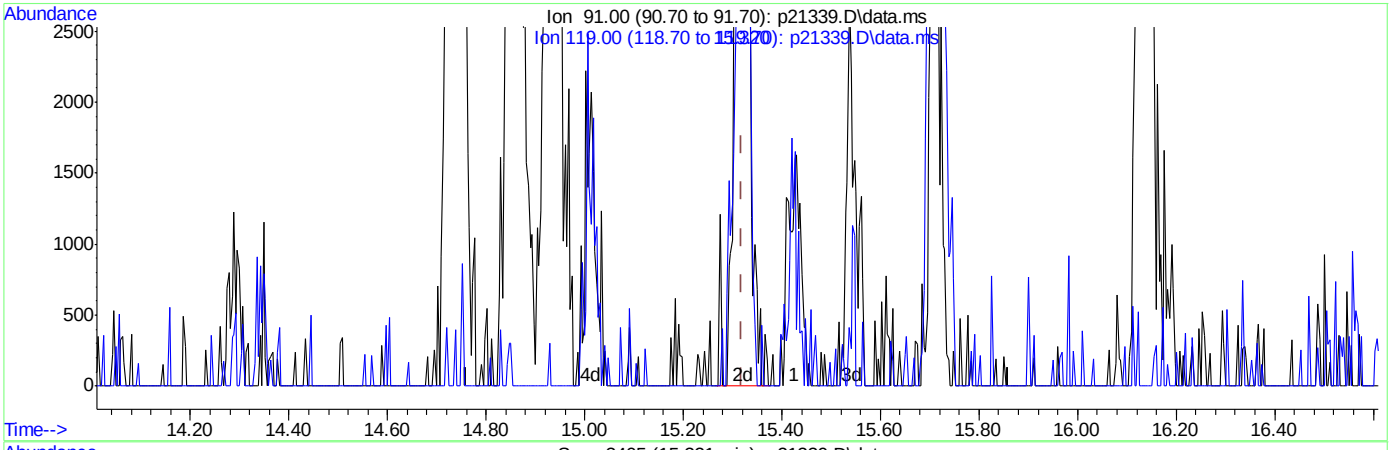
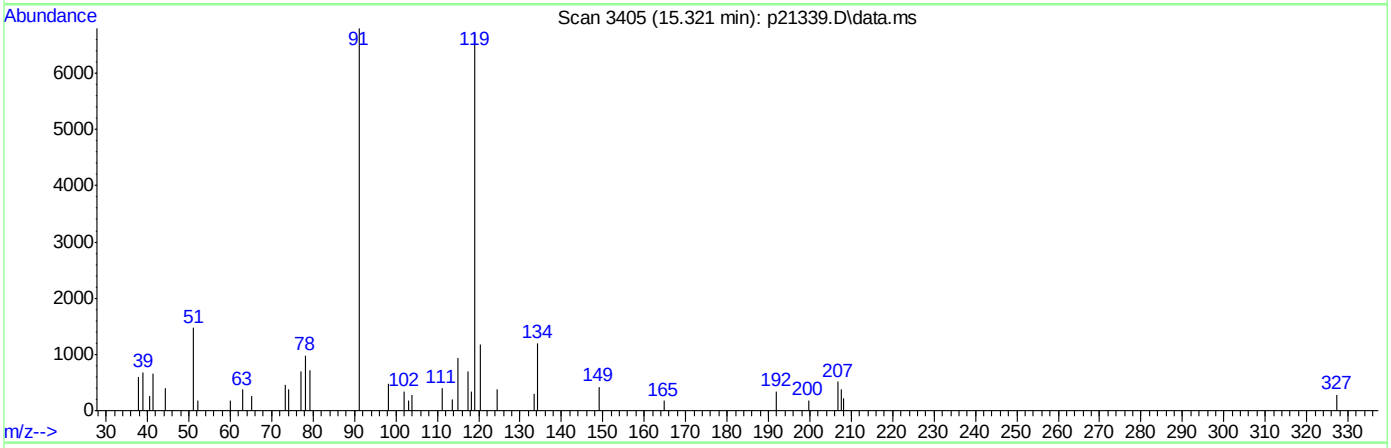
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





(89) tert-butylbenzene (M)

15.321min (+0.001) 2.91ug/L m

response 12215

Ion	Exp%	Act%
91.00	100	100
119.00	129.40	98.57#
0.00	0.00	0.00
0.00	0.00	0.00

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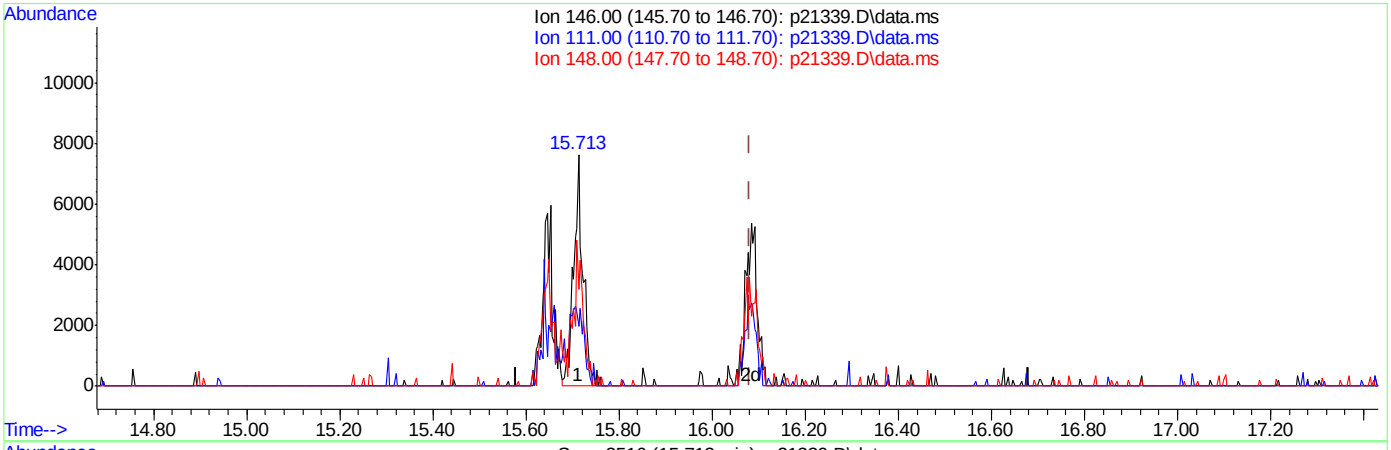
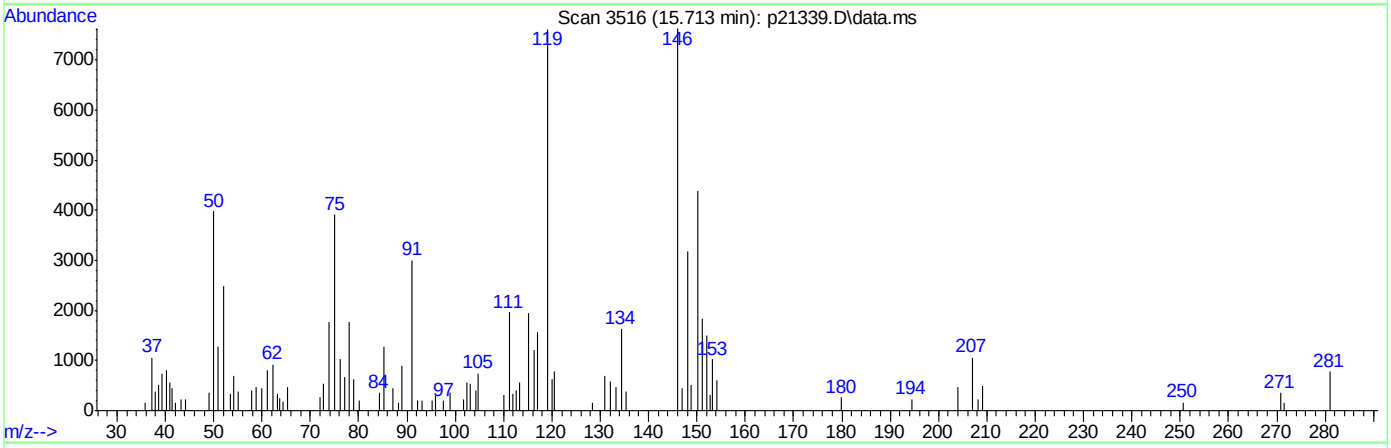
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21339.D
Acq On : 5 Sep 2007 3:11 am
Operator : amym
Sample : ic733-2
Misc : ms14235,msp733,,,,5,1
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 05 08:17:36 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





(95) 1,2-dichlorobenzene (M)

15.713min (-0.368) 3.71ug/L

response 10506

Ion	Exp%	Act%
146.00	100	100
111.00	40.30	25.73
148.00	62.90	48.48
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\
Data File : p21339.D
Acq On    :  5 Sep 2007   3:11 am
Operator  : amym
Sample    : ic733-2
Misc      : ms14235,msp733,,,,5,1
ALS Vial  : 31   Sample Multiplier: 1

Quant Time: Sep 05 08:17:36 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title  : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration
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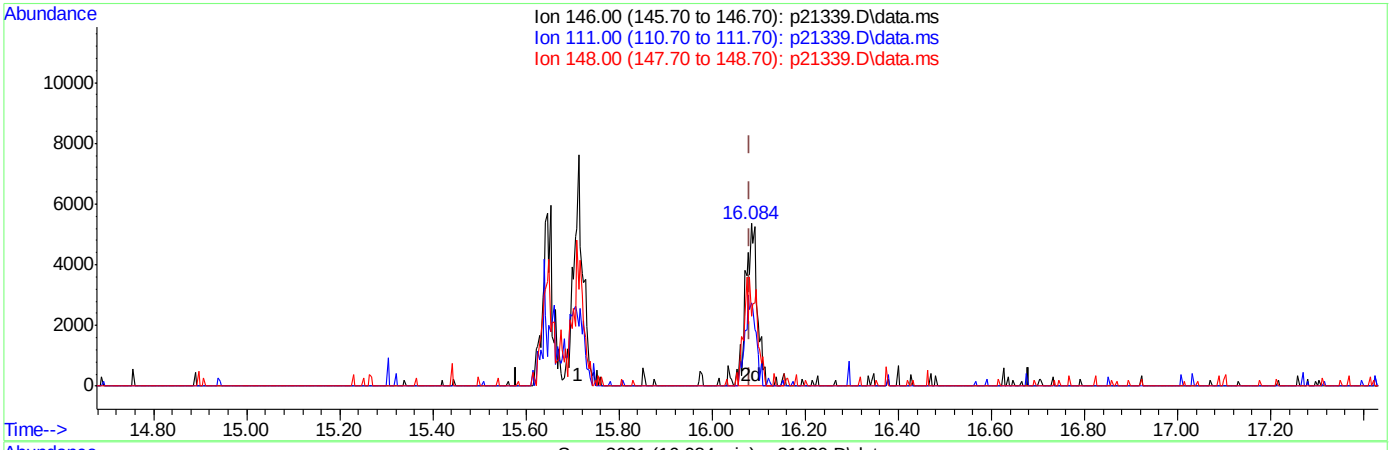
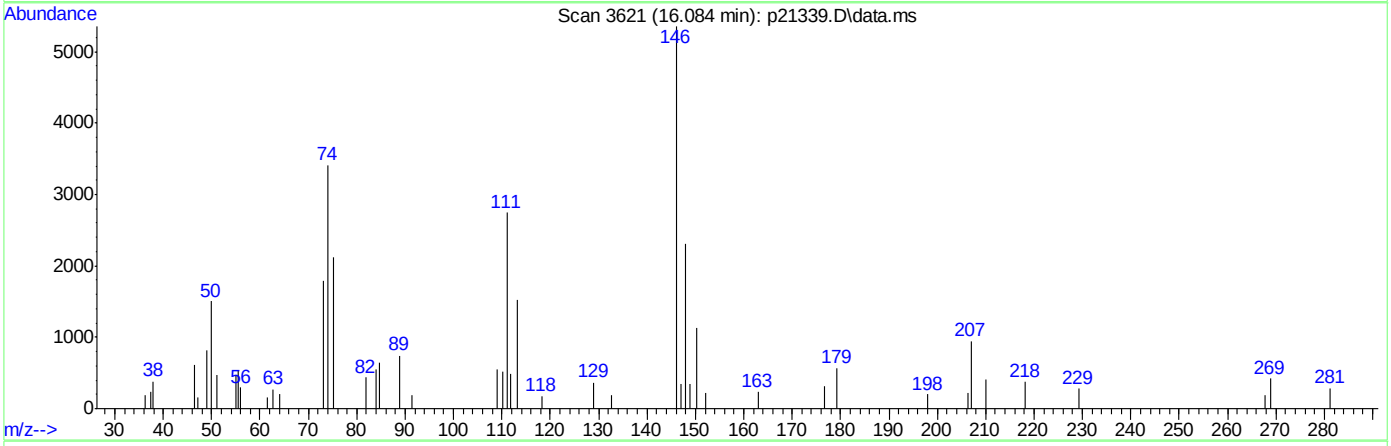




(95) 1,2-dichlorobenzene (M)

16.084min (+0.003) 3.46ug/L m

response 9802

Ion	Exp%	Act%
146.00	100	100
111.00	40.30	51.28
148.00	62.90	43.04
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
09/06/07 10:54

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21340.D
Acq On : 5 Sep 2007 3:39 am
Operator : amym
Sample : ic733-5
Misc : ms14235,msp733,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 05 08:58:14 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.574	65	175496	500.00	ug/L	0.00
3) pentafluorobenzene	9.000	168	126567	50.00	ug/L	0.00
42) 1,4-difluorobenzene	9.871	114	193025	50.00	ug/L	0.00
65) chlorobenzene-d5	13.125	82	140405	50.00	ug/L	0.00
79) 1,4-dichlorobenzene-d4	15.685	152	90064	50.00	ug/L	0.00

System Monitoring Compounds						
39) dibromofluoromethane (s)	8.642	113	72091	50.34	ug/L	0.00
Spiked Amount 50.000	Range 85 - 129		Recovery = 100.68%			
59) toluene-d8 (s)	11.666	98	254882	46.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.74%			
81) bromofluorobenzene (s)	14.350	95	131791	53.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 106.08%			

Target Compounds						Qvalue
2) tertiary butyl alcohol	6.659	59	24942	56.95	ug/L	84
4) Ethanol	5.438	45	16725	500.89	ug/L	100
5) dichlorodifluoromethane	4.240	85	7043	5.30	ug/L	84
6) chloromethane	4.493	50	3804	3.84	ug/L	62
7) vinyl chloride	4.738	62	6746	5.59	ug/L #	47
8) bromomethane	5.242	96	3183	5.86	ug/L	95
9) chloroethane	5.415	64	3754	6.20	ug/L	95
10) ethyl ether	6.311	59	7740	6.13	ug/L	69
11) acetonitrile	5.961	41	7855	13.01	ug/L #	60
12) trichlorofluoromethane	6.063	101	16085	5.54	ug/L	93
13) freon-113	6.839	101	7661	5.77	ug/L #	47
14) acrolein	6.065	56	13126	25.62	ug/L	94
15) 1,1-dichloroethene	6.652	96	10163	8.69	ug/L #	76
16) acetone	6.204	43	11941	8.35	ug/L	99
17) Methyl Acetate	6.837	43	17291	4.82	ug/L #	91
18) methylene chloride	6.800	84	9184	6.24	ug/L #	72
19) methyl tert butyl ether	7.588	73	19895	4.14	ug/L	88
20) acrylonitrile	6.709	53	22784	26.76	ug/L	86
21) allyl chloride	6.894	41	5632	4.65	ug/L #	1
22) trans-1,2-dichloroethene	7.493	96	7475	5.95	ug/L	93
23) iodomethane	6.709	142	1371	2.71	ug/L #	1
24) carbon disulfide	7.079	76	20666	5.56	ug/L	96
25) propionitrile	7.776	54	1774	4.46	ug/L	100
26) vinyl acetate	7.856	43	1730	1.32	ug/L	68
27) chloroprene	8.114	53	12001	4.45	ug/L	85
28) di-isopropyl ether	8.149	45	24800	5.17	ug/L	93
29) methacrylonitrile	8.274	41	7909	4.89	ug/L	90
30) 2-butanone	8.163	72	2290	6.07	ug/L #	1
31) Hexane	8.138	41	12961	5.58	ug/L #	75
32) 1,1-dichloroethane	7.746	63	13529	4.58	ug/L	72
33) tert-butyl ethyl ether	8.545	59	5228	1.55	ug/L #	69
34) isobutyl alcohol	8.537	43	1199	4.92	ug/L #	1
35) 2,2-dichloropropane	8.657	77	573m	0.36	ug/L	
36) cis-1,2-dichloroethene	8.320	96	8372	5.67	ug/L #	55
37) bromochloromethane	8.486	128	3711	6.64	ug/L #	82

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21340.D
Acq On : 5 Sep 2007 3:39 am
Operator : amym
Sample : ic733-5
Misc : ms14235,msp733,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 05 08:58:14 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
38) chloroform	8.522	83	20064	5.52	ug/L		87
40) Tetrahydrofuran	8.855	42	4273	5.55	ug/L		91
41) 1,1,1-trichloroethane	9.277	97	7164	2.15	ug/L	#	74
43) Cyclohexane	9.555	56	9773	5.05	ug/L	#	77
44) carbon tetrachloride	9.634	117	10064	3.63	ug/L		92
45) 1,1-dichloropropene	9.448	75	12561	4.92	ug/L		79
46) benzene	9.673	78	30709	4.96	ug/L		93
47) 1,2-dichloroethane	9.176	62	22346	5.65	ug/L		97
48) tert-amyl methyl ether	9.788	73	11475	3.15	ug/L		91
49) heptane	10.149	43	5456	4.38	ug/L		71
50) trichloroethene	10.292	95	9685	4.95	ug/L	#	65
51) 1,2-dichloropropane	10.257	63	7737	5.16	ug/L		76
52) dibromomethane	10.232	93	5539	4.94	ug/L		84
53) bromodichloromethane	10.344	83	15538	4.69	ug/L		87
54) Methylcyclohexane	10.808	83	10576	5.33	ug/L	#	75
55) 2-chloroethyl vinyl ether	10.803	63	371m	3.20	ug/L		
56) methyl methacrylate	10.439	69	6287	3.70	ug/L		94
57) 1,4-dioxane	10.453	88	1446m	35.24	ug/L		
58) cis-1,3-dichloropropene	10.965	75	5054	1.95	ug/L		63
60) 4-methyl-2-pentanone	11.067	43	13604	4.41	ug/L		83
61) toluene	11.739	92	19915	5.12	ug/L	#	78
62) trans-1,3-dichloropropene	11.387	75	5468	2.07	ug/L		91
63) 1,1,2-trichloroethane	11.553	83	6943	5.01	ug/L		85
64) ethyl methacrylate	11.759	69	8896	3.11	ug/L	#	56
66) tetrachloroethene	12.480	166	6835	5.44	ug/L		89
67) 1,3-dichloropropane	11.789	76	15242	5.31	ug/L		89
68) dibromochloromethane	12.078	129	7792	4.43	ug/L		86
69) 1,2-dibromoethane	12.331	107	6674	4.09	ug/L		86
70) 2-hexanone	11.939	43	10932	4.80	ug/L		76
71) chlorobenzene	13.159	112	18219	5.17	ug/L	#	67
72) 1,1,1,2-tetrachloroethane	13.076	131	8051	5.62	ug/L	#	73
73) ethylbenzene	13.334	91	37443	4.97	ug/L		93
74) m,p-xylene	13.518	106	24025	9.57	ug/L	#	45
75) o-xylene	13.932	106	13098	5.41	ug/L	#	19
76) styrene	13.859	104	17568	4.18	ug/L	#	48
77) bromoform	13.684	173	6345	4.15	ug/L		76
78) trans-1,4-dichloro-2-b...	13.930	53	1163	3.51	ug/L	#	1
80) isopropylbenzene	14.293	105	28277	4.85	ug/L		91
82) bromobenzene	14.581	156	8293	5.35	ug/L	#	54
83) 1,1,2,2-tetrachloroethane	13.934	83	10452	4.73	ug/L	#	52
84) 1,2,3-trichloropropane	14.082	75	13506	4.70	ug/L		96
85) n-propylbenzene	14.738	91	41250	5.29	ug/L		100
86) 2-chlorotoluene	14.858	91	26380	4.94	ug/L		86
87) 4-chlorotoluene	14.935	91	25610	4.59	ug/L		73
88) 1,3,5-trimethylbenzene	15.015	105	29467	5.07	ug/L		86
89) tert-butylbenzene	15.320	91	19686	4.98	ug/L		88
90) 1,2,4-trimethylbenzene	15.425	105	30934	5.13	ug/L		69
91) sec-butylbenzene	15.542	105	30524	4.92	ug/L		95
92) 1,3-dichlorobenzene	15.647	146	14229	5.44	ug/L		87
93) p-isopropyltoluene	15.714	119	24374	4.57	ug/L		89

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21340.D
Acq On : 5 Sep 2007 3:39 am
Operator : amym
Sample : ic733-5
Misc : ms14235,msp733,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 05 08:58:14 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

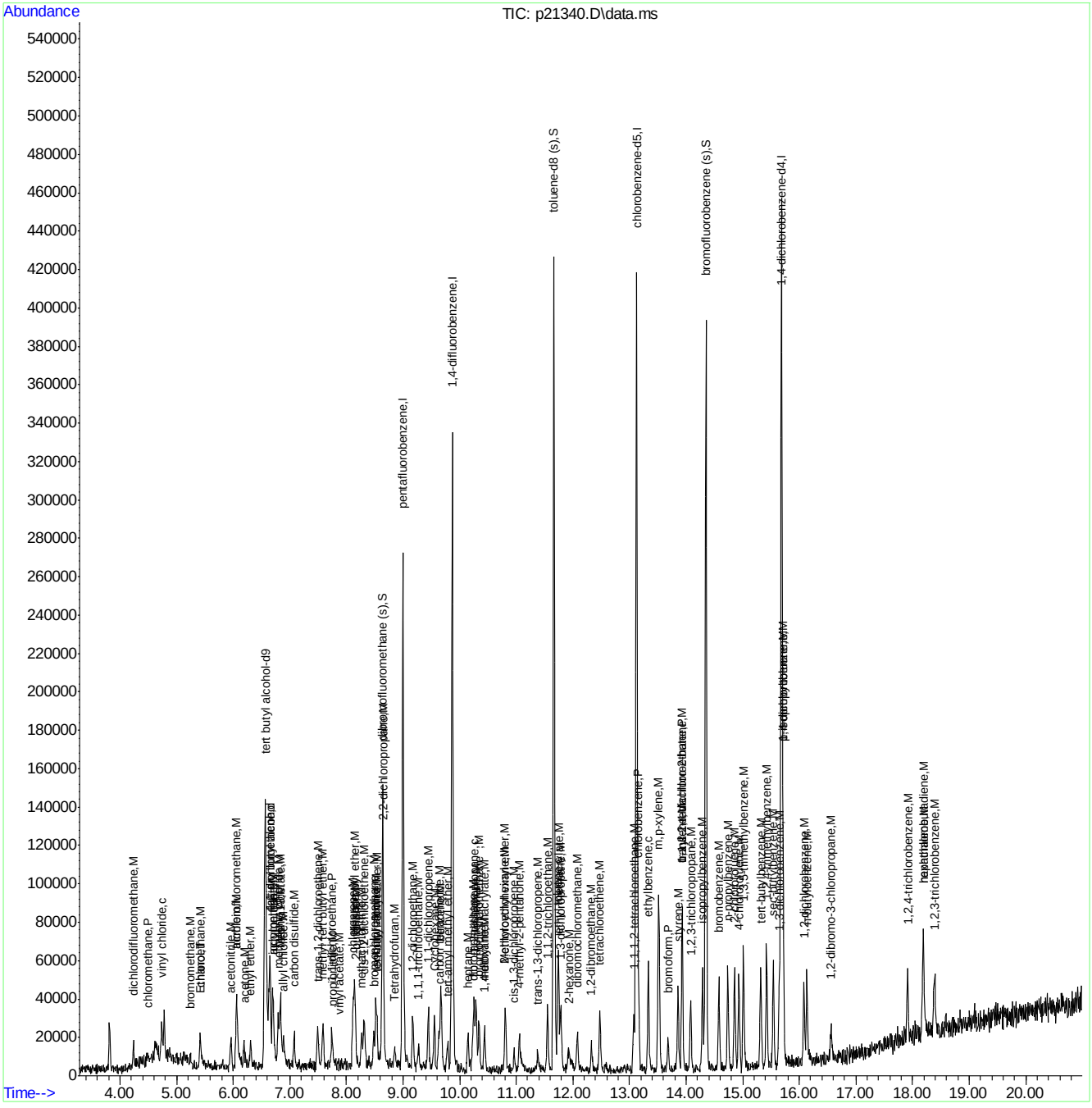
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
94) 1,4-dichlorobenzene	15.713	146	14663	5.13 ug/L	79
95) 1,2-dichlorobenzene	16.085	146	13470m	5.04 ug/L	
96) n-butylbenzene	16.136	91	23070	4.37 ug/L	88
97) 1,2-dibromo-3-chloropr...	16.560	75	5479	5.32 ug/L #	76
98) 1,2,4-trichlorobenzene	17.912	180	9928	5.36 ug/L	85
99) hexachlorobutadiene	18.198	225	5527	6.46 ug/L	91
100) naphthalene	18.185	128	24154	3.92 ug/L	100
101) 1,2,3-trichlorobenzene	18.391	180	8460	4.66 ug/L	88

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21340.D
Acq On : 5 Sep 2007 3:39 am
Operator : amym
Sample : ic733-5
Misc : ms14235,msp733,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 05 08:58:14 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

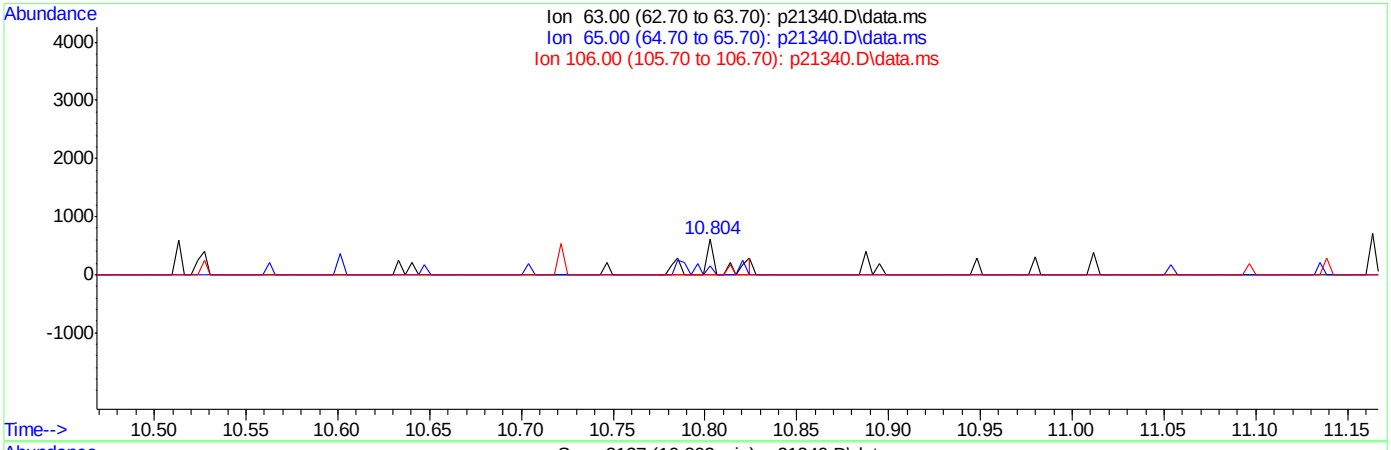


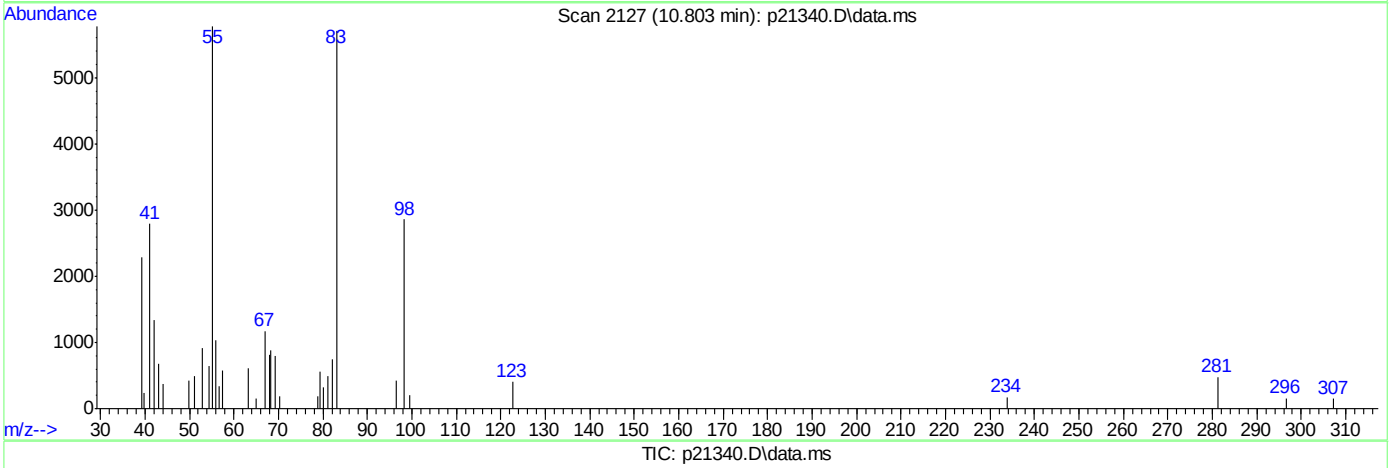
ACCUTEST Laboratories M67399

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21340.D
Acq On : 5 Sep 2007 3:39 am
Operator : amym
Sample : ic733-5
Misc : ms14235,msp733,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 05 08:17:40 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





TIC: p21340.D\data.ms

(55) 2-chloroethyl vinyl ether (M)

10.803min (+0.022) 3.20ug/L m

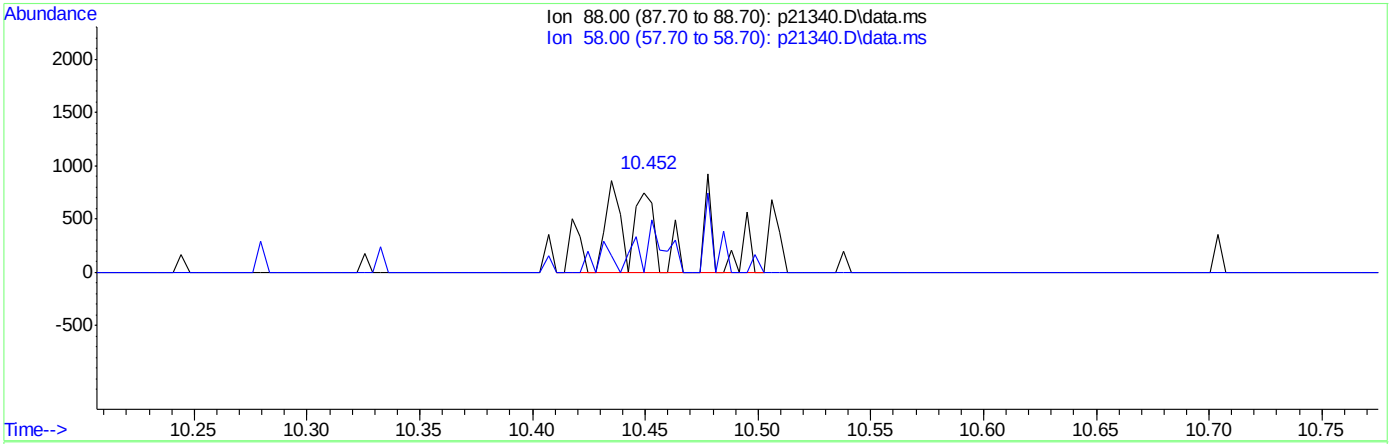
response 371

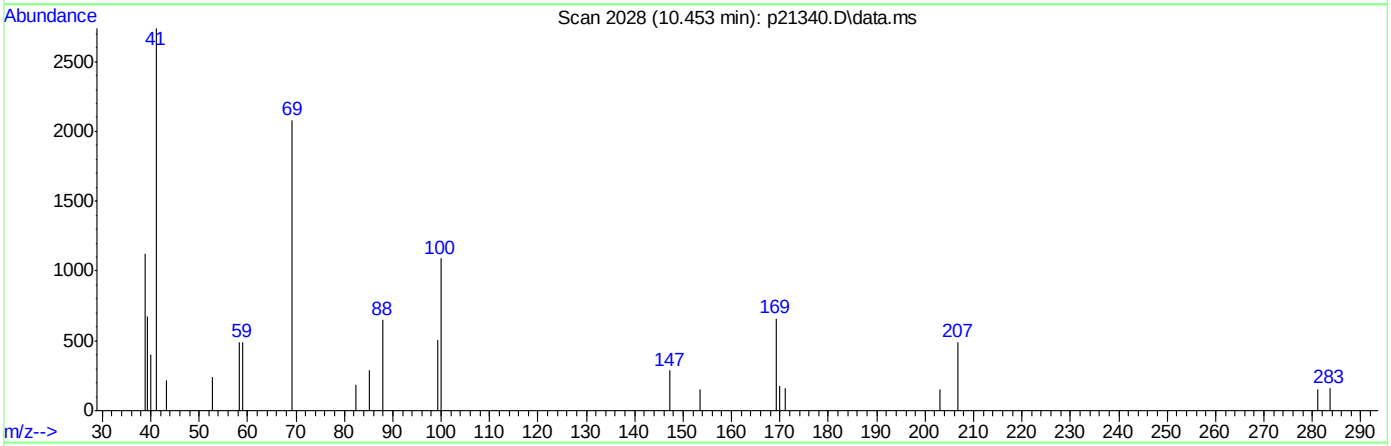
Ion	Exp%	Act%
63.00	100	100
65.00	75.80	0.00#
106.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21340.D
Acq On : 5 Sep 2007 3:39 am
Operator : amym
Sample : ic733-5
Misc : ms14235,msp733,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 05 08:17:40 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





TIC: p21340.D\data.ms

(57) 1,4-dioxane (M)

10.453min (+0.014) 35.24ug/L m

response 1446

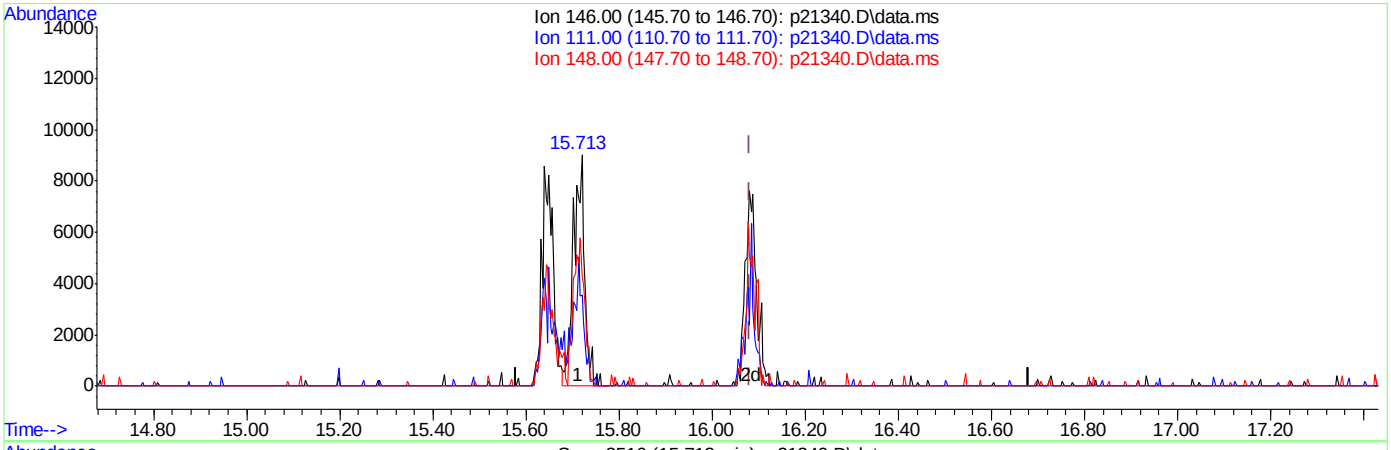
Ion	Exp%	Act%
88.00	100	100
58.00	68.00	75.31
0.00	0.00	0.00
0.00	0.00	0.00

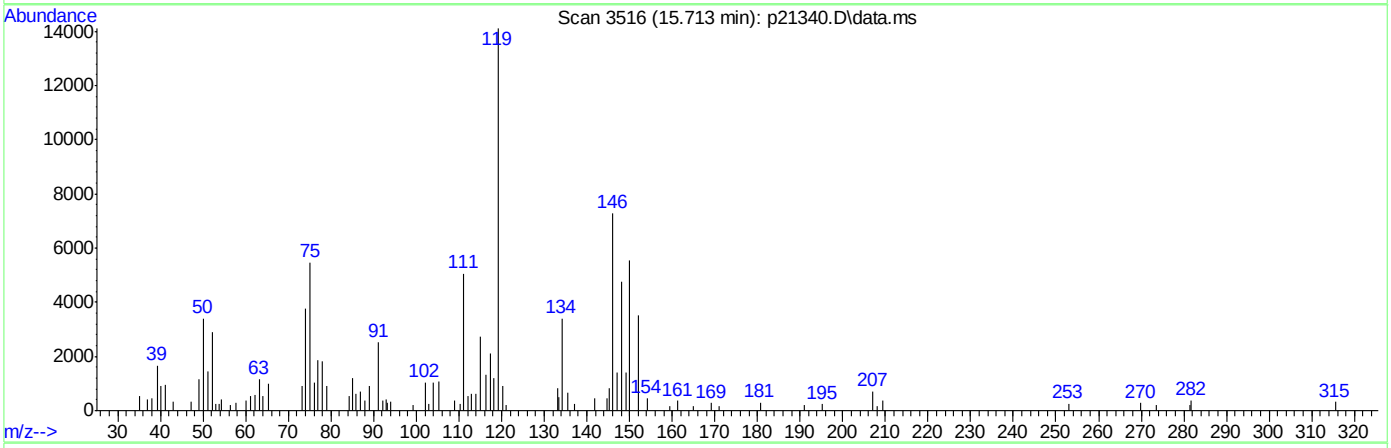
ACCUTEST Laboratories M67399

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21340.D
Acq On : 5 Sep 2007 3:39 am
Operator : amym
Sample : ic733-5
Misc : ms14235,msp733,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 05 08:17:40 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





(95) 1,2-dichlorobenzene (M)

15.713min (-0.368) 5.57ug/L

response 14882

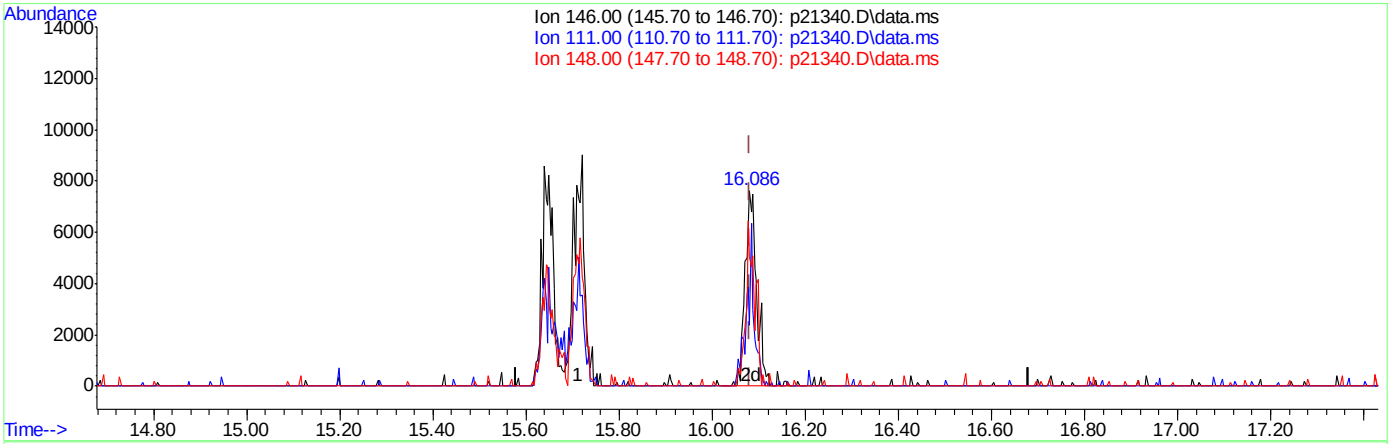
Ion	Exp%	Act%
146.00	100	100
111.00	40.30	69.53
148.00	62.90	65.41
0.00	0.00	0.00

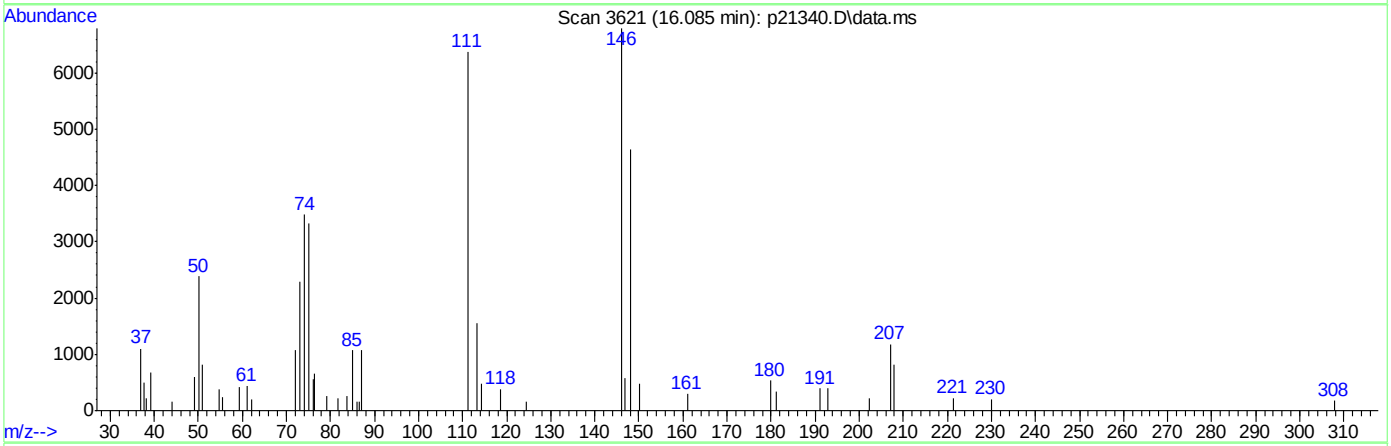
ACCUTEST Laboratories M67399

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21340.D
Acq On : 5 Sep 2007 3:39 am
Operator : amym
Sample : ic733-5
Misc : ms14235,msp733,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 05 08:17:40 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





TIC: p21340.D\data.ms

(95) 1,2-dichlorobenzene (M)

16.085min (+0.003) 5.04ug/L m

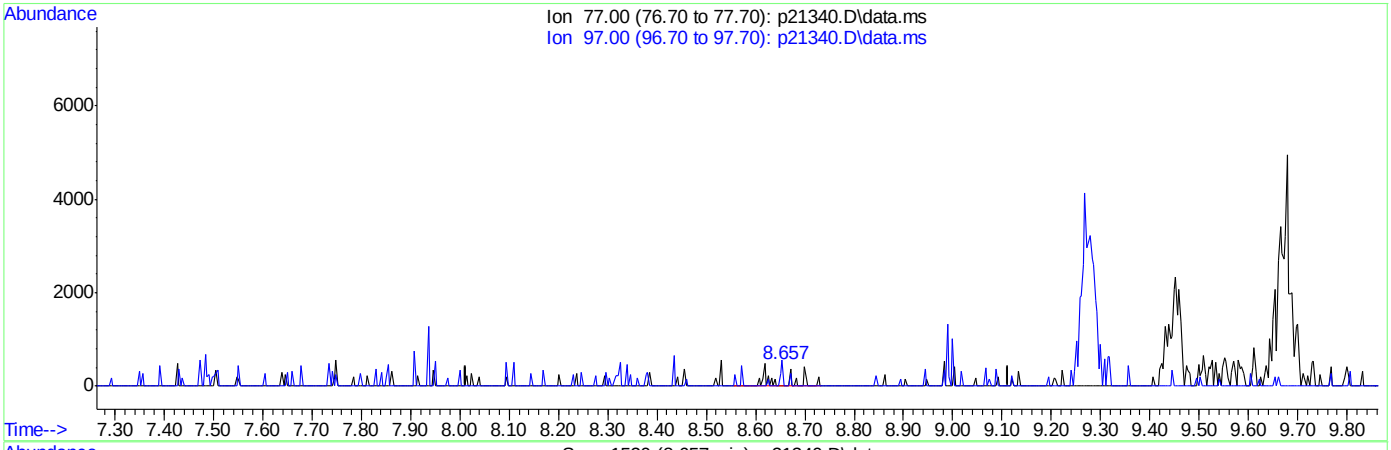
response 13470

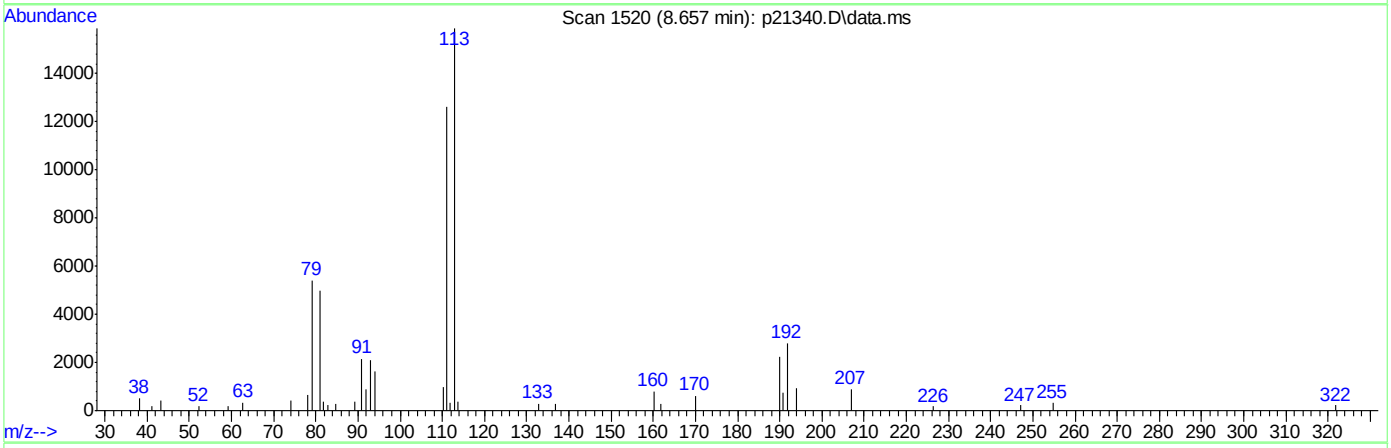
Ion	Exp%	Act%
146.00	100	100
111.00	40.30	93.77#
148.00	62.90	68.24
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21340.D
Acq On : 5 Sep 2007 3:39 am
Operator : amym
Sample : ic733-5
Misc : ms14235,msp733,,,,5,1
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 05 08:34:08 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





(35) 2,2-dichloropropane (M)

8.657min (+0.054) 0.36ug/L m

response 573

Ion	Exp%	Act%
77.00	100	100
97.00	19.40	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
09/06/07 10:54

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21341.D
Acq On : 5 Sep 2007 4:07 am
Operator : amym
Sample : ic733-25
Misc : ms14235,msp733,,,,5,1
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 05 08:37:35 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.569	65	201837	500.00	ug/L	0.00
3) pentafluorobenzene	9.000	168	132389	50.00	ug/L	0.00
42) 1,4-difluorobenzene	9.870	114	203452	50.00	ug/L	0.00
65) chlorobenzene-d5	13.123	82	147123	50.00	ug/L	0.00
79) 1,4-dichlorobenzene-d4	15.685	152	92633	50.00	ug/L	0.00
System Monitoring Compounds						
39) dibromofluoromethane (s)	8.642	113	73859	49.30	ug/L	0.00
Spiked Amount 50.000	Range 85 - 129		Recovery = 98.60%			
59) toluene-d8 (s)	11.666	98	265382	46.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.60%			
81) bromofluorobenzene (s)	14.349	95	134025	52.45	ug/L	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 104.90%			
Target Compounds						Qvalue
2) tertiary butyl alcohol	6.654	59	119744	237.75	ug/L	96
4) Ethanol	5.434	45	84265	2412.66	ug/L	96
5) dichlorodifluoromethane	4.241	85	37222	26.77	ug/L	93
6) chloromethane	4.493	50	18496	17.84	ug/L	88
7) vinyl chloride	4.740	62	31115	24.64	ug/L	62
8) bromomethane	5.240	96	12229	21.53	ug/L	82
9) chloroethane	5.413	64	18175	28.70	ug/L	98
10) ethyl ether	6.305	59	31424	23.79	ug/L	86
11) acetonitrile	5.959	41	36853m	58.34	ug/L	
12) trichlorofluoromethane	6.064	101	75437	24.83	ug/L	90
13) freon-113	6.838	101	36247	26.08	ug/L	96
14) acrolein	6.055	56	61424	114.60	ug/L	97
15) 1,1-dichloroethene	6.650	96	37548	30.70	ug/L #	36
16) acetone	6.197	43	43631	29.16	ug/L	88
17) Methyl Acetate	6.830	43	85215	22.73	ug/L	96
18) methylene chloride	6.801	84	38690	25.13	ug/L	90
19) methyl tert butyl ether	7.583	73	93241	18.54	ug/L	79
20) acrylonitrile	6.701	53	103606	116.33	ug/L	92
21) allyl chloride	6.895	41	36521	28.80	ug/L	90
22) trans-1,2-dichloroethene	7.494	96	31073	23.65	ug/L	86
23) iodomethane	6.707	142	7533	14.26	ug/L #	19
24) carbon disulfide	7.079	76	95205	24.50	ug/L	97
25) propionitrile	7.759	54	8276	19.90	ug/L	100
26) vinyl acetate	7.853	43	10963	7.97	ug/L	80
27) chloroprene	8.114	53	61239	21.71	ug/L	92
28) di-isopropyl ether	8.148	45	122857	24.49	ug/L #	55
29) methacrylonitrile	8.271	41	41830	24.70	ug/L	93
30) 2-butanone	8.157	72	8973	22.73	ug/L #	87
31) Hexane	8.138	41	63202	26.02	ug/L #	80
32) 1,1-dichloroethane	7.746	63	69348	22.44	ug/L	98
33) tert-butyl ethyl ether	8.544	59	29442	8.32	ug/L	73
34) isobutyl alcohol	8.590	43	21483m	84.30	ug/L	
35) 2,2-dichloropropane	8.602	77	2865	1.70	ug/L	57
36) cis-1,2-dichloroethene	8.317	96	39950	25.85	ug/L	91
37) bromochloromethane	8.482	128	15306	26.20	ug/L #	62

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21341.D
Acq On : 5 Sep 2007 4:07 am
Operator : amym
Sample : ic733-25
Misc : ms14235,msp733,,,,5,1
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 05 08:37:35 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
38) chloroform	8.520	83	91392	24.02 ug/L	95
40) Tetrahydrofuran	8.851	42	18785	23.32 ug/L	65
41) 1,1,1-trichloroethane	9.273	97	49689	14.26 ug/L	88
43) Cyclohexane	9.555	56	43976	21.58 ug/L #	80
44) carbon tetrachloride	9.636	117	56843	19.44 ug/L	87
45) 1,1-dichloropropene	9.447	75	58148	21.62 ug/L	90
46) benzene	9.673	78	148406	22.76 ug/L	93
47) 1,2-dichloroethane	9.174	62	99952	23.97 ug/L	88
48) tert-amyl methyl ether	9.789	73	49705	12.95 ug/L	94
49) heptane	10.145	43	32560	24.81 ug/L	79
50) trichloroethene	10.291	95	47829	23.18 ug/L	86
51) 1,2-dichloropropane	10.258	63	34280	21.68 ug/L	97
52) dibromomethane	10.232	93	29133	24.67 ug/L	91
53) bromodichloromethane	10.345	83	74432	21.33 ug/L	93
54) Methylcyclohexane	10.807	83	47027	22.47 ug/L #	79
55) 2-chloroethyl vinyl ether	10.799	63	1396m	11.43 ug/L	
56) methyl methacrylate	10.435	69	32326	18.06 ug/L	87
57) 1,4-dioxane	10.439	88	4524	104.62 ug/L	83
58) cis-1,3-dichloropropene	10.963	75	35460	13.01 ug/L	79
60) 4-methyl-2-pentanone	11.059	43	70339	21.62 ug/L	93
61) toluene	11.738	92	95181	23.23 ug/L	88
62) trans-1,3-dichloropropene	11.381	75	36089	12.98 ug/L	99
63) 1,1,2-trichloroethane	11.553	83	32621	22.34 ug/L	89
64) ethyl methacrylate	11.754	69	49547	16.46 ug/L	78
66) tetrachloroethene	12.479	166	30684	23.30 ug/L	98
67) 1,3-dichloropropane	11.789	76	71494	23.75 ug/L	88
68) dibromochloromethane	12.079	129	41770	22.67 ug/L	89
69) 1,2-dibromoethane	12.331	107	41142	24.08 ug/L	100
70) 2-hexanone	11.918	43	51841	21.70 ug/L	88
71) chlorobenzene	13.158	112	88771	24.05 ug/L	81
72) 1,1,1,2-tetrachloroethane	13.078	131	33890	22.59 ug/L	80
73) ethylbenzene	13.333	91	192108	24.32 ug/L	96
74) m,p-xylene	13.516	106	125215	47.60 ug/L #	74
75) o-xylene	13.930	106	57845	22.79 ug/L #	38
76) styrene	13.857	104	95999	21.82 ug/L #	48
77) bromoform	13.684	173	34210	21.33 ug/L	86
78) trans-1,4-dichloro-2-b...	14.080	53	4947	14.23 ug/L #	30
80) isopropylbenzene	14.291	105	152467	25.41 ug/L	90
82) bromobenzene	14.581	156	38721	24.30 ug/L #	59
83) 1,1,2,2-tetrachloroethane	13.932	83	52208	22.98 ug/L	91
84) 1,2,3-trichloropropane	14.080	75	69141	23.39 ug/L	90
85) n-propylbenzene	14.737	91	200185	24.95 ug/L	89
86) 2-chlorotoluene	14.857	91	140199	25.52 ug/L	84
87) 4-chlorotoluene	14.932	91	147487	25.68 ug/L	87
88) 1,3,5-trimethylbenzene	15.013	105	150376	25.16 ug/L	79
89) tert-butylbenzene	15.320	91	113263	27.83 ug/L #	73
90) 1,2,4-trimethylbenzene	15.424	105	155673	25.09 ug/L	92
91) sec-butylbenzene	15.542	105	168594	26.42 ug/L	94
92) 1,3-dichlorobenzene	15.646	146	66844	24.83 ug/L	73
93) p-isopropyltoluene	15.713	119	134034	24.44 ug/L	86

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21341.D
Acq On : 5 Sep 2007 4:07 am
Operator : amym
Sample : ic733-25
Misc : ms14235,msp733,,,,5,1
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 05 08:37:35 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

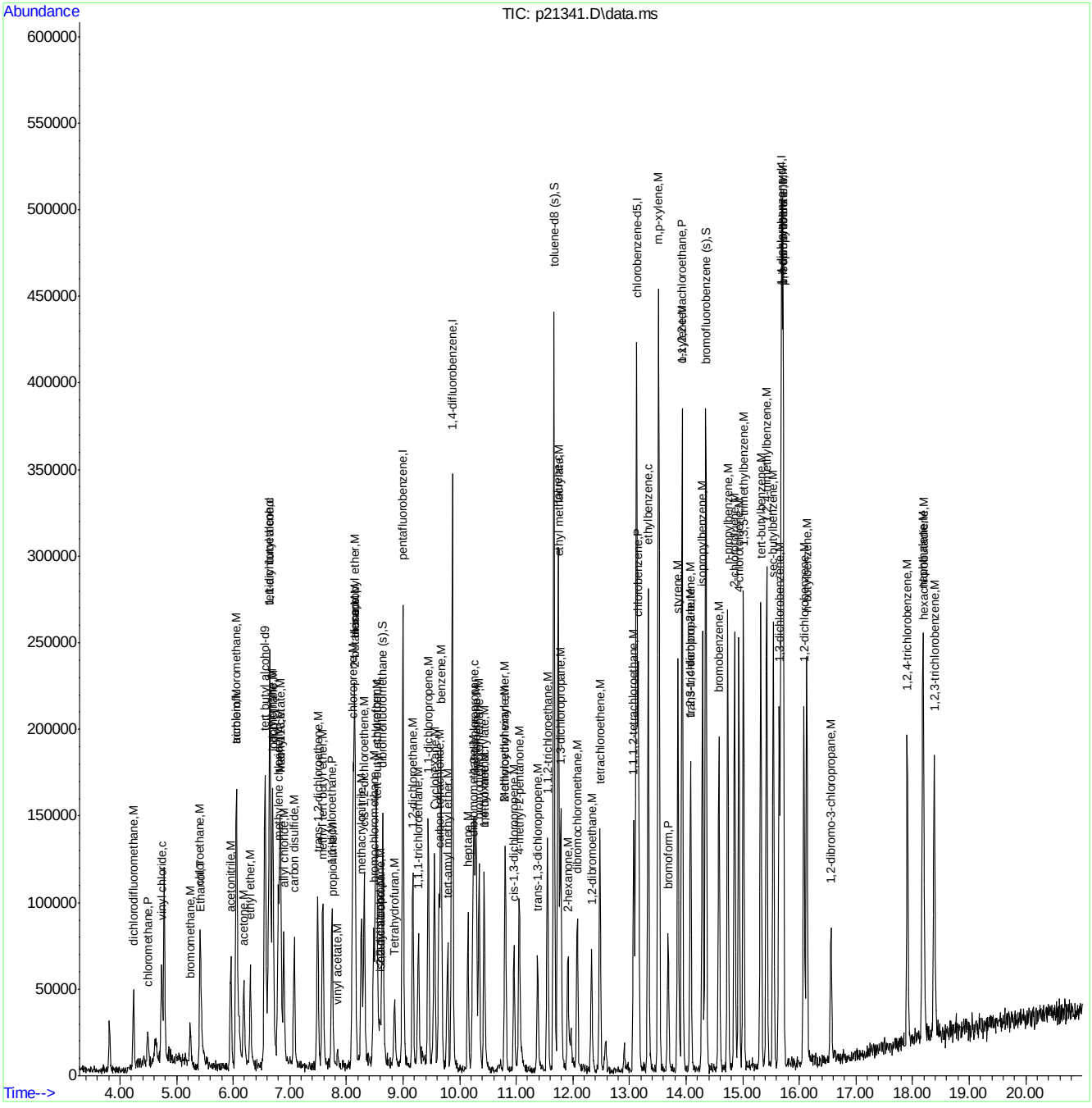
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
94) 1,4-dichlorobenzene	15.713	146	73171	24.87 ug/L	91
95) 1,2-dichlorobenzene	16.081	146	65179	23.73 ug/L	82
96) n-butylbenzene	16.131	91	130769	24.09 ug/L	87
97) 1,2-dibromo-3-chloropr...	16.560	75	24876	23.47 ug/L #	69
98) 1,2,4-trichlorobenzene	17.911	180	41467	21.77 ug/L	70
99) hexachlorobutadiene	18.198	225	24067	27.34 ug/L	94
100) naphthalene	18.180	128	129420	20.40 ug/L	100
101) 1,2,3-trichlorobenzene	18.385	180	42634	22.83 ug/L	90

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21341.D
Acq On : 5 Sep 2007 4:07 am
Operator : amym
Sample : ic733-25
Misc : ms14235,msp733,,,,5,1
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 05 08:37:35 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

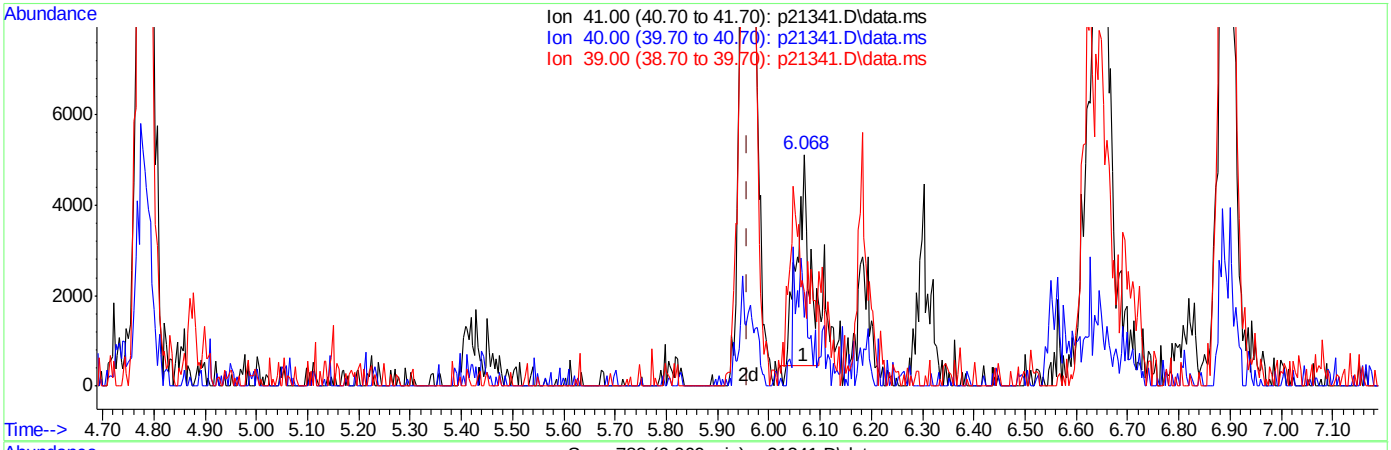


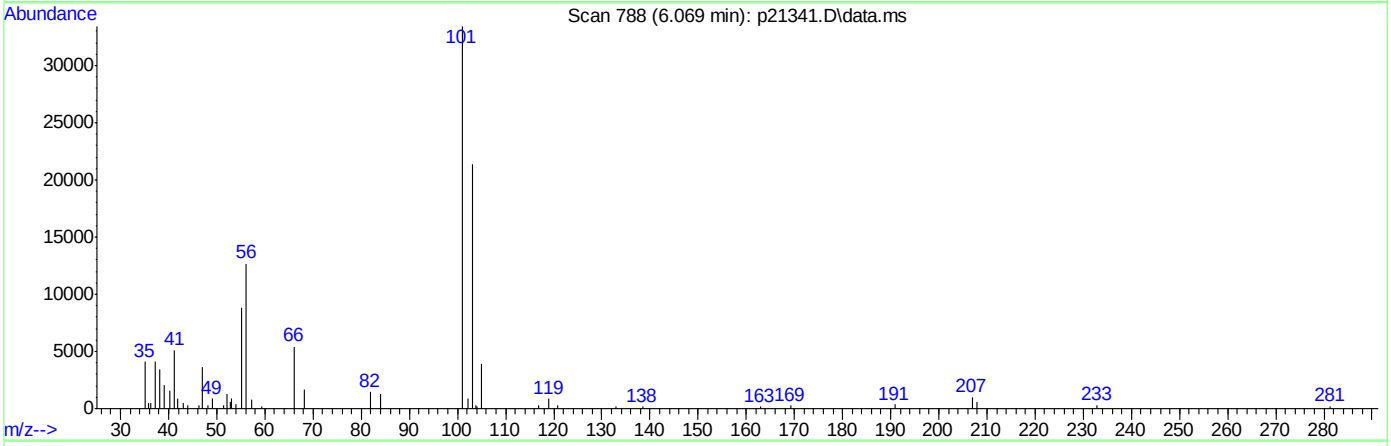
ACCUTEST Laboratories M67399

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21341.D
Acq On : 5 Sep 2007 4:07 am
Operator : amym
Sample : ic733-25
Misc : ms14235,msp733,,,,5,1
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 05 08:17:44 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





TIC: p21341.D\data.ms

(11) acetonitrile (M)

6.068min (+0.109) 12.47ug/L

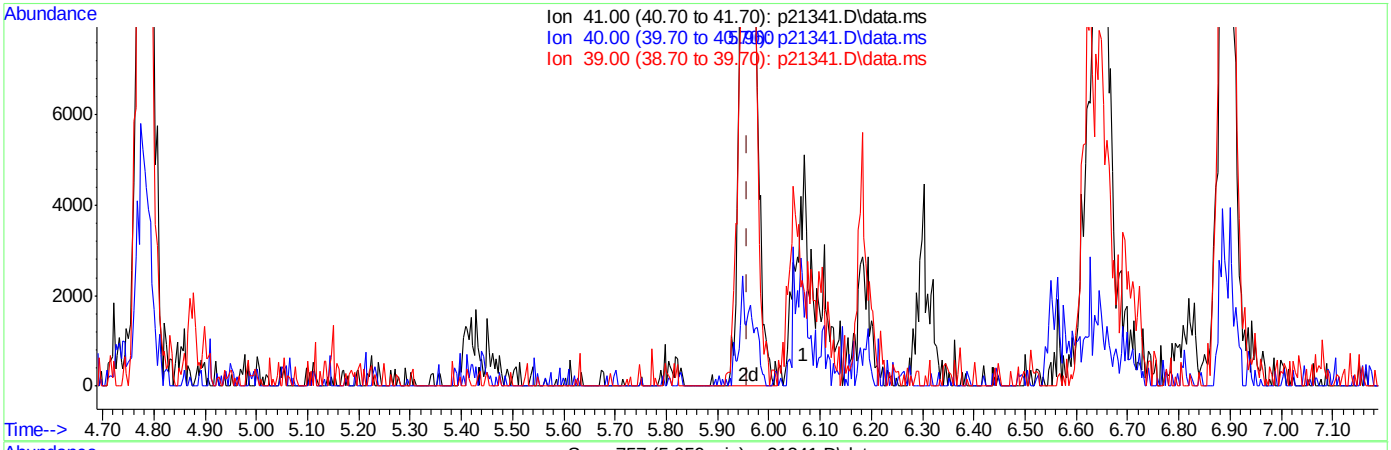
response 7879

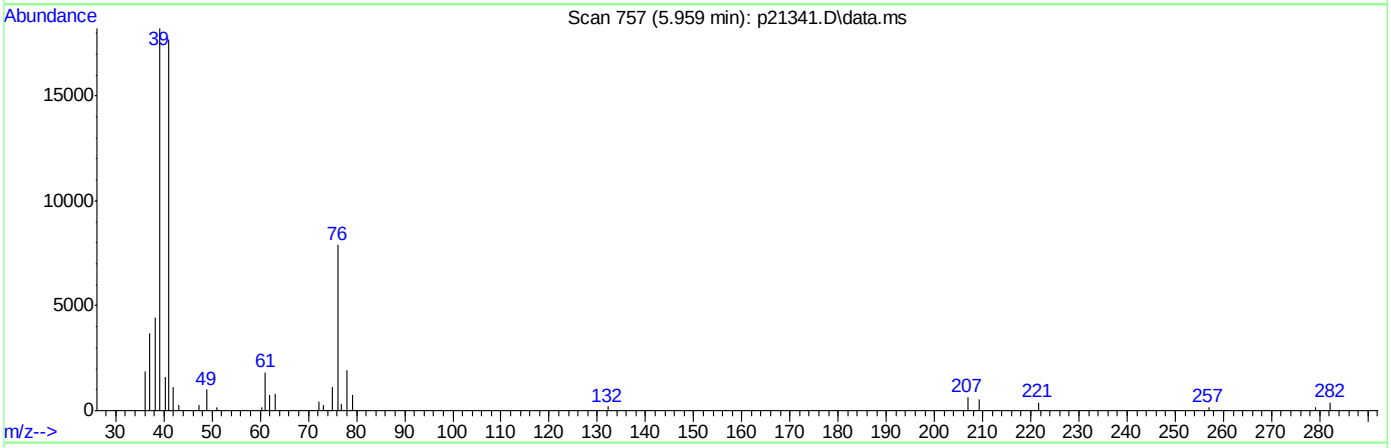
Ion	Exp%	Act%
41.00	100	100
40.00	8.60	28.85
39.00	68.60	39.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21341.D
Acq On : 5 Sep 2007 4:07 am
Operator : amym
Sample : ic733-25
Misc : ms14235,msp733,,,,5,1
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 05 08:17:44 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





TIC: p21341.D\data.ms

(11) acetonitrile (M)

5.959min (+0.001) 58.34ug/L m

response 36853

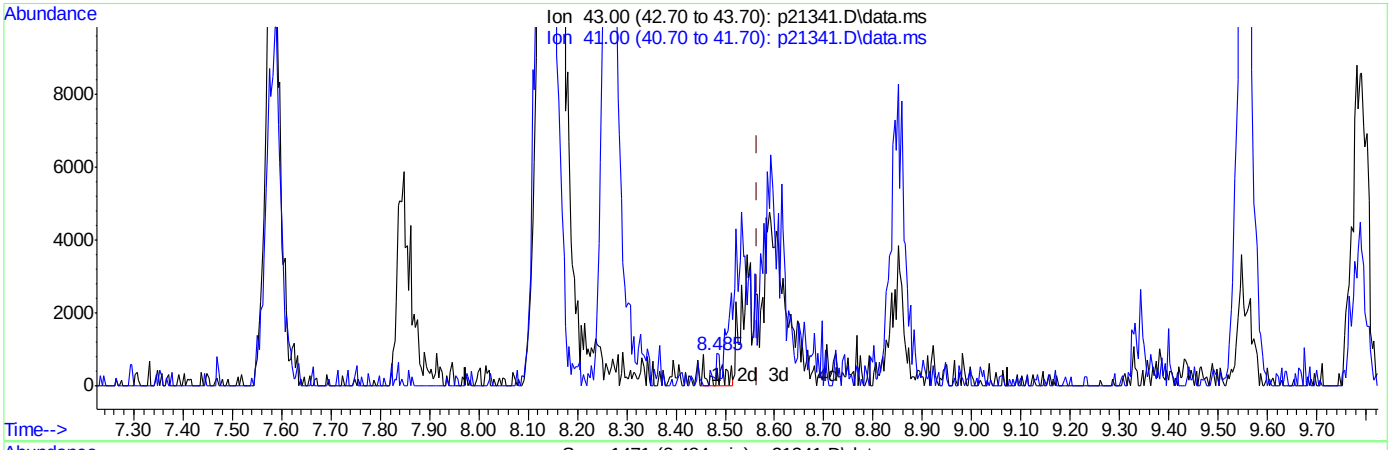
Ion	Exp%	Act%
41.00	100	100
40.00	8.60	9.09
39.00	68.60	102.94#
0.00	0.00	0.00

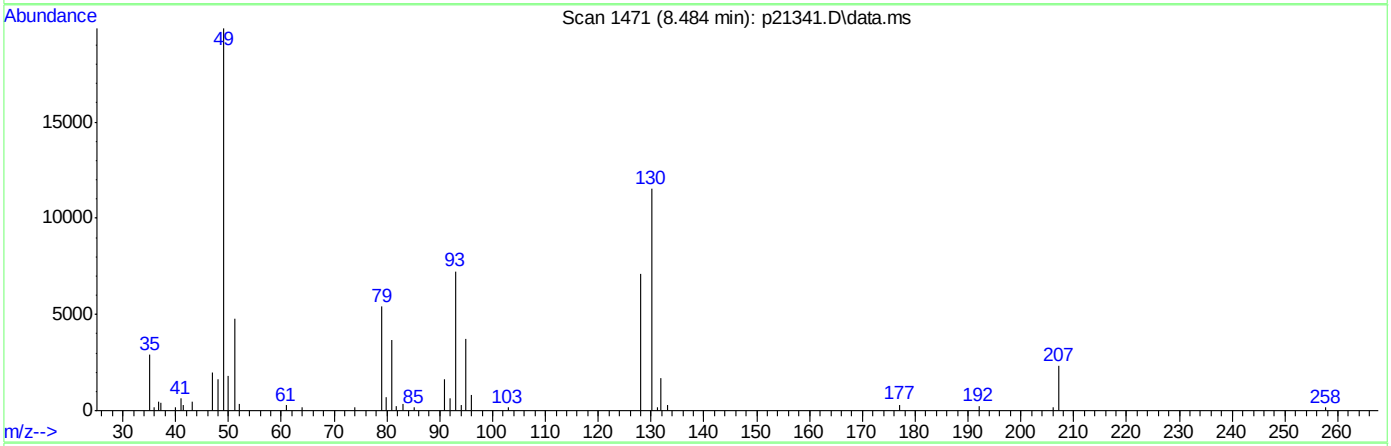
ACCUTEST Laboratories M67399

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21341.D
Acq On : 5 Sep 2007 4:07 am
Operator : amym
Sample : ic733-25
Misc : ms14235,msp733,,,,5,1
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 05 08:17:44 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





(34) isobutyl alcohol (M)

8.485min (-0.080) 4.09ug/L

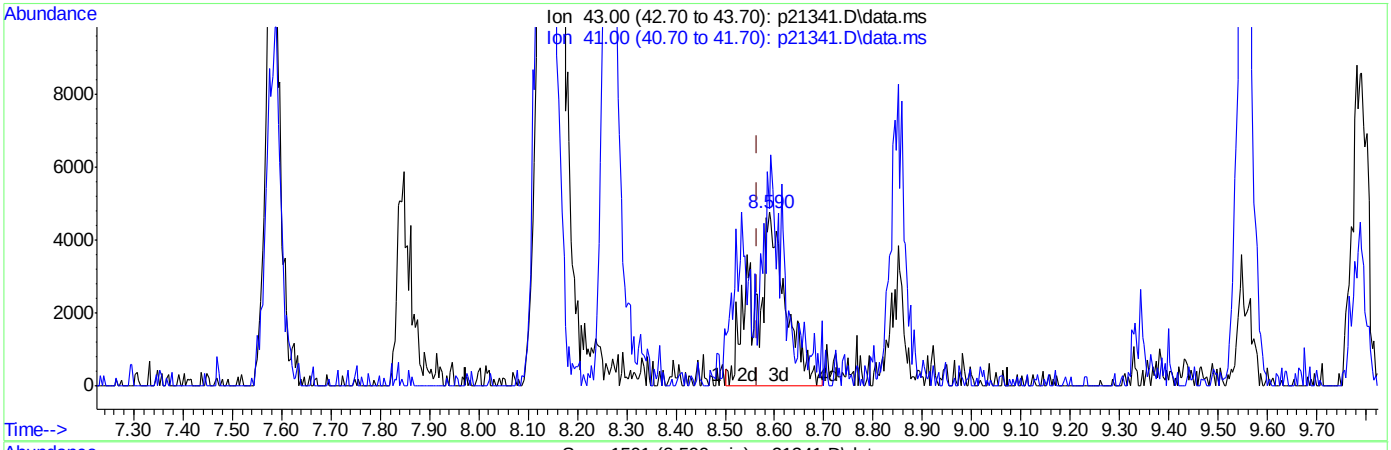
response 1042

Ion	Exp%	Act%
43.00	100	100
41.00	142.10	148.37
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21341.D
Acq On : 5 Sep 2007 4:07 am
Operator : amym
Sample : ic733-25
Misc : ms14235,msp733,,,,5,1
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 05 08:17:44 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration



(34) isobutyl alcohol (M)

8.590min (+0.025) 84.30ug/L m

response 21483

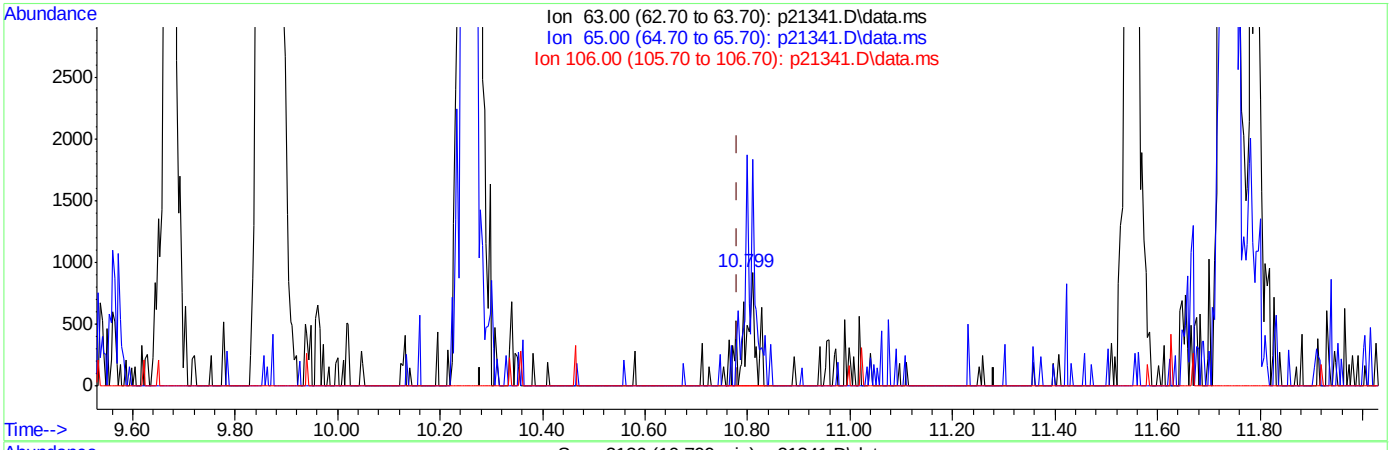
Ion	Exp%	Act%
43.00	100	100
41.00	142.10	101.87#
0.00	0.00	0.00
0.00	0.00	0.00

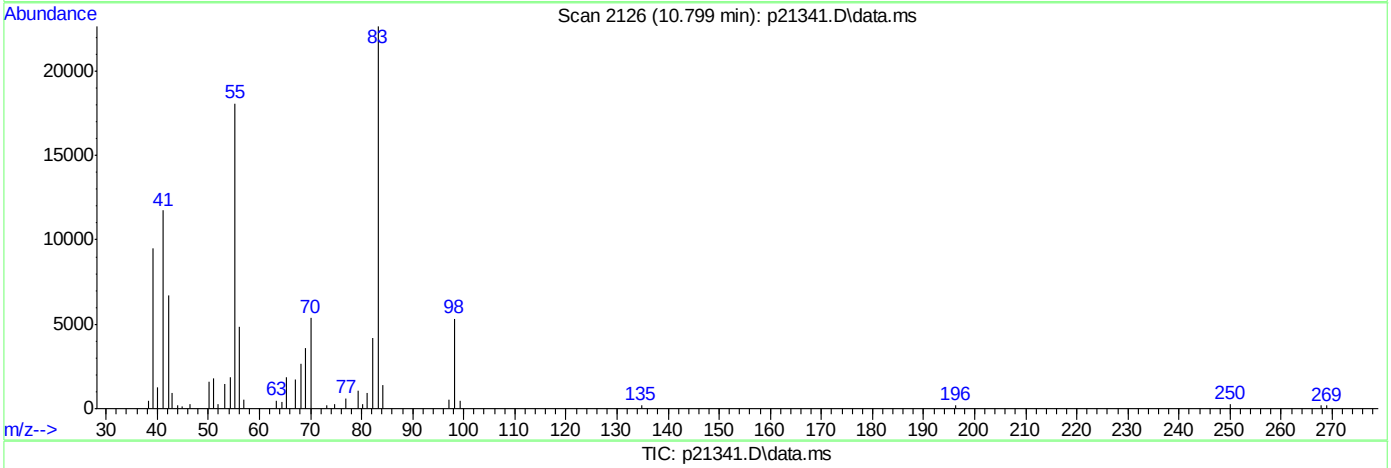
ACCUTEST Laboratories M67399

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21341.D
Acq On : 5 Sep 2007 4:07 am
Operator : amym
Sample : ic733-25
Misc : ms14235,msp733,,,,5,1
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 05 08:17:44 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





TIC: p21341.D\data.ms

(55) 2-chloroethyl vinyl ether (M)

10.799min (+0.019) 11.16ug/L

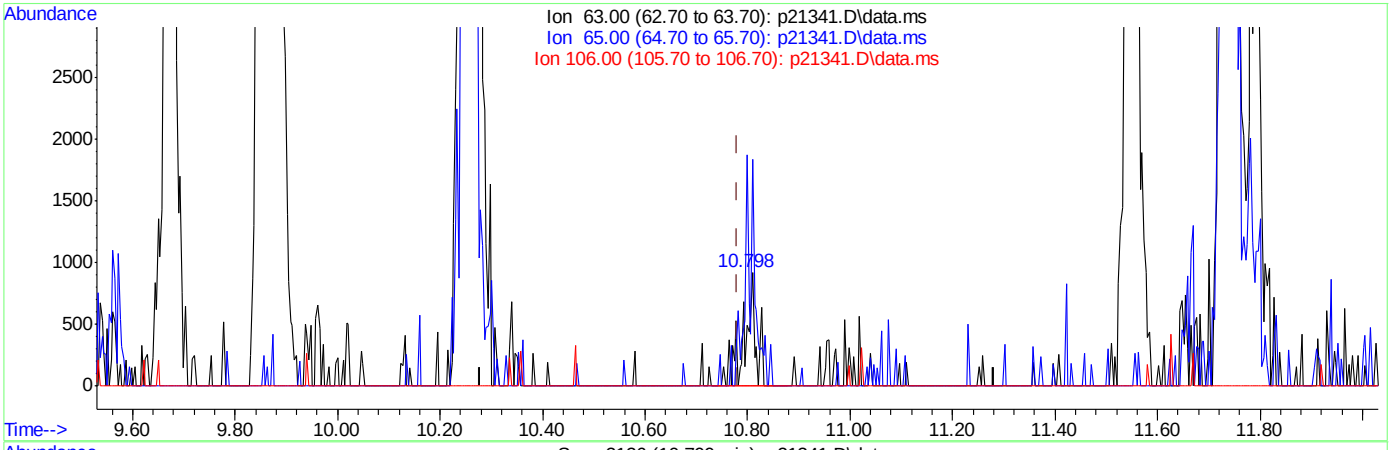
response 1362

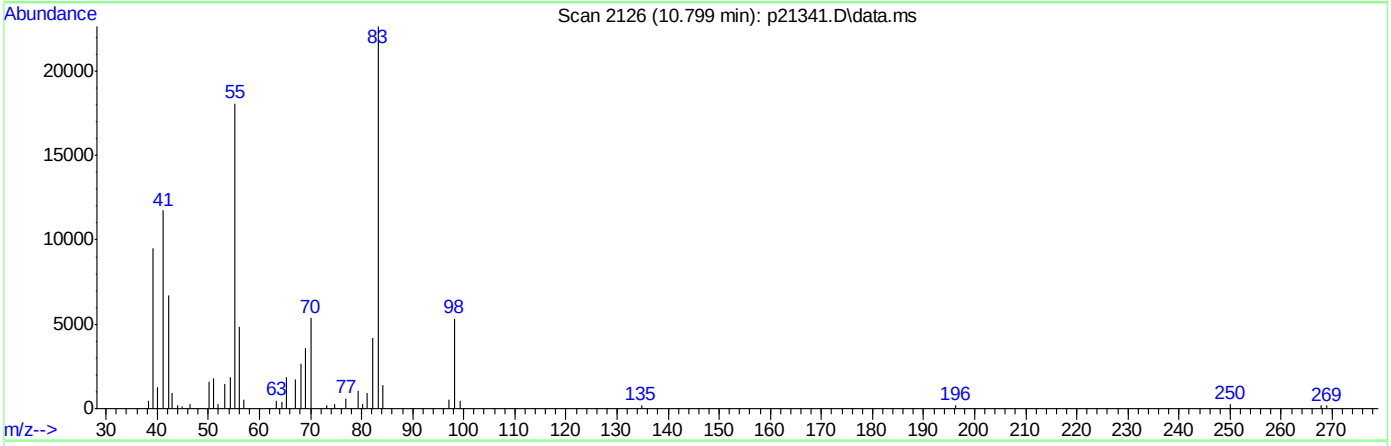
Ion	Exp%	Act%
63.00	100	100
65.00	75.80	172.10#
106.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21341.D
Acq On : 5 Sep 2007 4:07 am
Operator : amym
Sample : ic733-25
Misc : ms14235,msp733,,,,5,1
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 05 08:17:44 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





TIC: p21341.D\data.ms

(55) 2-chloroethyl vinyl ether (M)

10.799min (+0.019) 11.43ug/L m

response 1396

Ion	Exp%	Act%
63.00	100	100
65.00	75.80	167.91#
106.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
09/06/07 10:54

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21342.D
Acq On : 5 Sep 2007 4:35 am
Operator : amym
Sample : ic733-400
Misc : ms14235,msp733,,,,5,1
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Sep 05 08:44:52 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) tert butyl alcohol-d9	6.565	65	144199	500.00 ug/L	0.00
3) pentafluorobenzene	8.999	168	142191	50.00 ug/L	0.00
42) 1,4-difluorobenzene	9.869	114	203970	50.00 ug/L	0.00
65) chlorobenzene-d5	13.126	82	161577m	50.00 ug/L	0.00
79) 1,4-dichlorobenzene-d4	15.685	152	105165	50.00 ug/L	0.00

System Monitoring Compounds

39) dibromofluoromethane (s)	8.644	113	80363	49.95 ug/L	0.00
Spiked Amount 50.000	Range 85 - 129		Recovery = 99.90%		
59) toluene-d8 (s)	11.666	98	287312	50.00 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.00%		
81) bromofluorobenzene (s)	14.349	95	145058	50.00 ug/L	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 100.00%		

Target Compounds

					Qvalue
2) tertiary butyl alcohol	6.650	59	1453173	4038.49 ug/L	100
4) Ethanol	5.435	45	1525612	40669.84 ug/L	99
5) dichlorodifluoromethane	4.239	85	596740	399.57 ug/L	98
6) chloromethane	4.491	50	450133	404.34 ug/L	98
7) vinyl chloride	4.725	62	541804	399.53 ug/L	96
8) bromomethane	5.249	96	243787	399.57 ug/L	81
9) chloroethane	5.412	64	271771	399.57 ug/L	96
10) ethyl ether	6.301	59	568394	400.61 ug/L	89
11) acetonitrile	5.959	41	271099	399.57 ug/L	87
12) trichlorofluoromethane	6.067	101	1302071	399.02 ug/L	96
13) freon-113	6.836	101	596419	399.57 ug/L	93
14) acrolein	6.049	56	1159816	2014.78 ug/L	96
15) 1,1-dichloroethene	6.650	96	524916	399.57 ug/L #	73
16) acetone	6.184	43	642099	399.55 ug/L	70
17) Methyl Acetate	6.824	43	1609876	399.86 ug/L	97
18) methylene chloride	6.800	84	661164	399.91 ug/L	96
19) methyl tert butyl ether	7.581	73	2154685	398.94 ug/L	84
20) acrylonitrile	6.698	53	1915979	2003.06 ug/L	91
21) allyl chloride	6.893	41	544184	399.57 ug/L	90
22) trans-1,2-dichloroethene	7.491	96	563825	399.57 ug/L	85
23) iodomethane	6.773	142	226167m	398.66 ug/L	
24) carbon disulfide	7.078	76	1667524	399.57 ug/L	98
25) propionitrile	7.747	54	173674	388.90 ug/L	100
26) vinyl acetate	7.840	43	590231	399.57 ug/L	100
27) chloroprene	8.110	53	1210785	399.57 ug/L	85
28) di-isopropyl ether	8.146	45	2152606	399.57 ug/L #	63
29) methacrylonitrile	8.264	41	732079	402.50 ug/L	97
30) 2-butanone	8.150	72	168475	397.35 ug/L #	72
31) Hexane	8.134	41	1042227	399.57 ug/L #	77
32) 1,1-dichloroethane	7.747	63	1326106	399.57 ug/L	99
33) tert-butyl ethyl ether	8.541	59	1518606	399.57 ug/L	92
34) isobutyl alcohol	8.565	43	543769	1986.63 ug/L #	66
35) 2,2-dichloropropane	8.603	77	723231	399.57 ug/L	91
36) cis-1,2-dichloroethene	8.317	96	663288	399.57 ug/L	87
37) bromochloromethane	8.483	128	250698	399.57 ug/L	92

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21342.D
Acq On : 5 Sep 2007 4:35 am
Operator : amym
Sample : ic733-400
Misc : ms14235,msp733,,,,5,1
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Sep 05 08:44:52 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
38) chloroform	8.521	83	1633029	399.57	ug/L		99
40) Tetrahydrofuran	8.846	42	345830	399.70	ug/L		85
41) 1,1,1-trichloroethane	9.271	97	1495234	399.57	ug/L		98
43) Cyclohexane	9.555	56	819027	400.82	ug/L	#	79
44) carbon tetrachloride	9.635	117	1173643	400.26	ug/L		98
45) 1,1-dichloropropene	9.445	75	1078317	400.00	ug/L		89
46) benzene	9.671	78	2613082	399.72	ug/L		99
47) 1,2-dichloroethane	9.172	62	1671266	399.72	ug/L		92
48) tert-amyl methyl ether	9.787	73	1539201	400.00	ug/L		97
49) heptane	10.145	43	526224	400.00	ug/L		92
50) trichloroethene	10.290	95	827622	400.00	ug/L		84
51) 1,2-dichloropropane	10.257	63	633814	399.79	ug/L		98
52) dibromomethane	10.231	93	473829	400.23	ug/L		99
53) bromodichloromethane	10.343	83	1399080	400.00	ug/L		98
54) Methylcyclohexane	10.806	83	839356	400.00	ug/L		94
55) 2-chloroethyl vinyl ether	10.782	63	47817	390.66	ug/L	#	95
56) methyl methacrylate	10.432	69	720714	401.53	ug/L		94
57) 1,4-dioxane	10.439	88	86381	1992.48	ug/L		81
58) cis-1,3-dichloropropene	10.959	75	1093244	400.00	ug/L		92
60) 4-methyl-2-pentanone	11.050	43	1304362	399.99	ug/L		94
61) toluene	11.738	92	1643868	400.16	ug/L		97
62) trans-1,3-dichloropropene	11.378	75	1115087	400.00	ug/L		86
63) 1,1,2-trichloroethane	11.552	83	585551	400.00	ug/L		98
64) ethyl methacrylate	11.750	69	1207479	400.00	ug/L		97
66) tetrachloroethene	12.478	166	585186	404.62	ug/L		99
67) 1,3-dichloropropane	11.787	76	1337587	404.60	ug/L		99
68) dibromochloromethane	12.079	129	818626	404.60	ug/L		91
69) 1,2-dibromoethane	12.330	107	759151	404.60	ug/L		99
70) 2-hexanone	11.905	43	1057621	403.14	ug/L		87
71) chlorobenzene	13.159	112	1639840	404.60	ug/L		82
72) 1,1,1,2-tetrachloroethane	13.077	131	666536	404.60	ug/L		99
73) ethylbenzene	13.332	91	3509755	404.54	ug/L		95
74) m,p-xylene	13.517	106	2337997	809.21	ug/L		84
75) o-xylene	13.931	106	1127911	404.71	ug/L		83
76) styrene	13.857	104	1954789	404.60	ug/L		67
77) bromoform	13.684	173	712647	404.60	ug/L		96
78) trans-1,4-dichloro-2-b...	14.077	53	154489	404.60	ug/L	#	65
80) isopropylbenzene	14.292	105	2724305	399.98	ug/L		94
82) bromobenzene	14.581	156	723787	400.09	ug/L	#	82
83) 1,1,2,2-tetrachloroethane	13.933	83	1031412	399.88	ug/L		99
84) 1,2,3-trichloropropane	14.080	75	1342350	400.07	ug/L		99
85) n-propylbenzene	14.737	91	3643918	400.00	ug/L		98
86) 2-chlorotoluene	14.858	91	2494869	400.00	ug/L		88
87) 4-chlorotoluene	14.932	91	2615904	401.26	ug/L		89
88) 1,3,5-trimethylbenzene	15.014	105	2714332	400.00	ug/L		90
89) tert-butylbenzene	15.320	91	1847821	399.95	ug/L		83
90) 1,2,4-trimethylbenzene	15.424	105	2817321	400.02	ug/L		93
91) sec-butylbenzene	15.543	105	2898146	400.00	ug/L		98
92) 1,3-dichlorobenzene	15.647	146	1222581	400.00	ug/L		92
93) p-isopropyltoluene	15.713	119	2487890	399.56	ug/L		91

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21342.D
Acq On : 5 Sep 2007 4:35 am
Operator : amym
Sample : ic733-400
Misc : ms14235,msp733,,,,5,1
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Sep 05 08:44:52 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

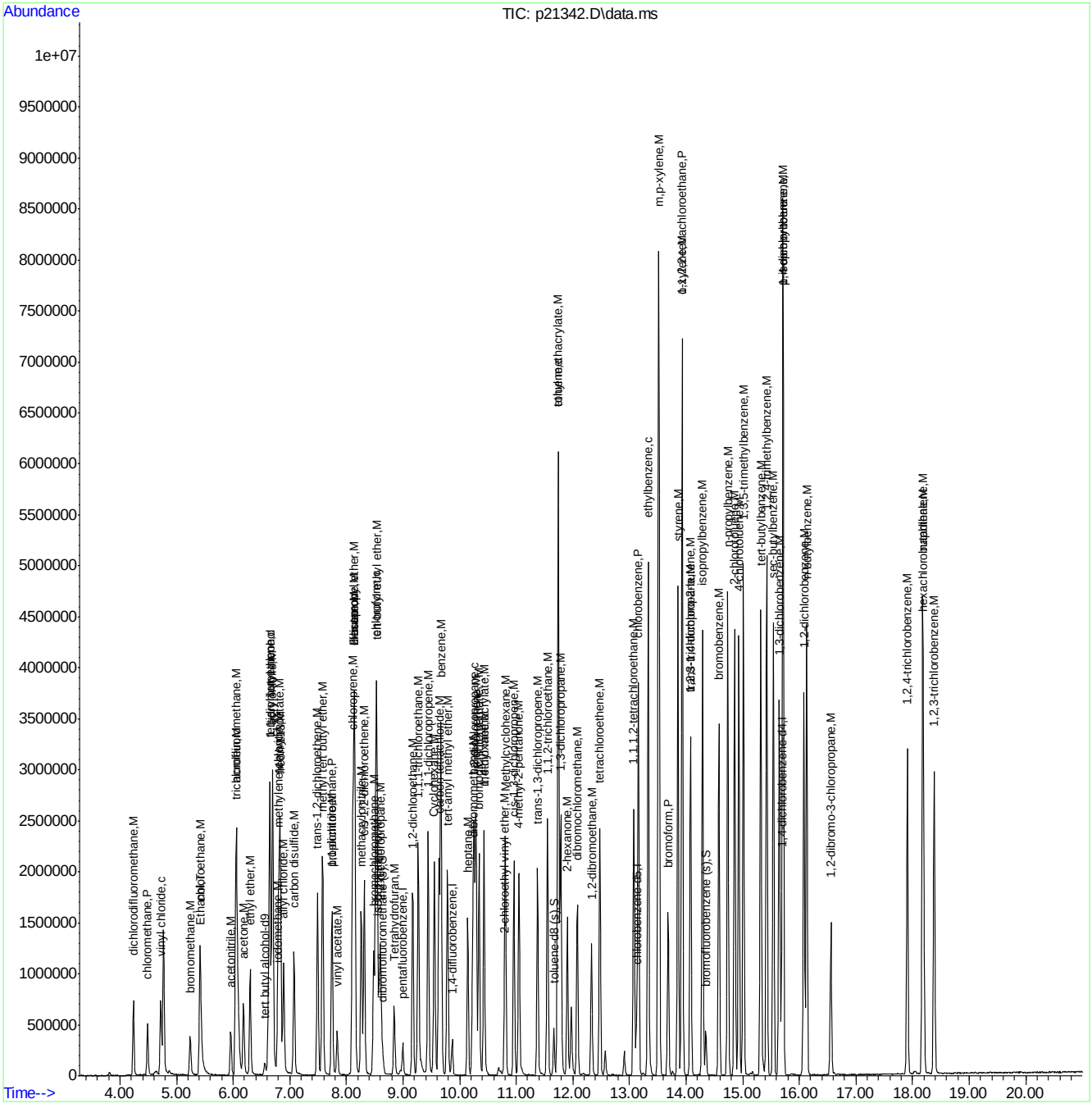
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
94) 1,4-dichlorobenzene	15.714	146	1336002	400.00 ug/L	96
95) 1,2-dichlorobenzene	16.081	146	1247195	400.00 ug/L	93
96) n-butylbenzene	16.130	91	2465470	400.05 ug/L	93
97) 1,2-dibromo-3-chloropr...	16.558	75	480606	399.33 ug/L	72
98) 1,2,4-trichlorobenzene	17.909	180	864930	400.00 ug/L	96
99) hexachlorobutadiene	18.198	225	399403	399.67 ug/L	91
100) naphthalene	18.179	128	2881901	400.11 ug/L	100
101) 1,2,3-trichlorobenzene	18.384	180	848224	400.02 ug/L	93

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21342.D
Acq On : 5 Sep 2007 4:35 am
Operator : amym
Sample : ic733-400
Misc : ms14235,msp733,,,,5,1
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Sep 05 08:44:52 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

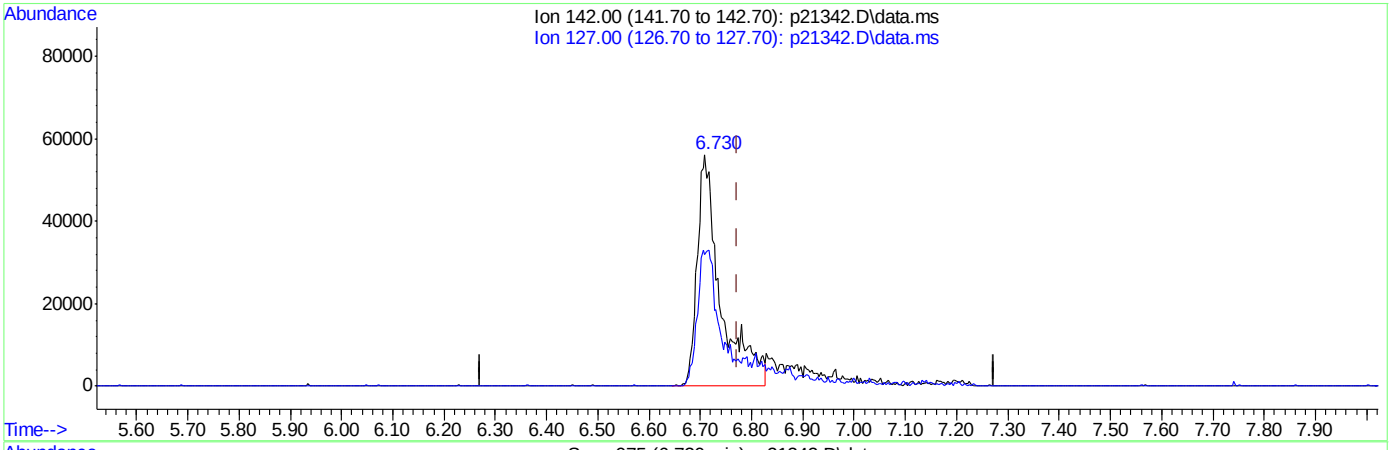


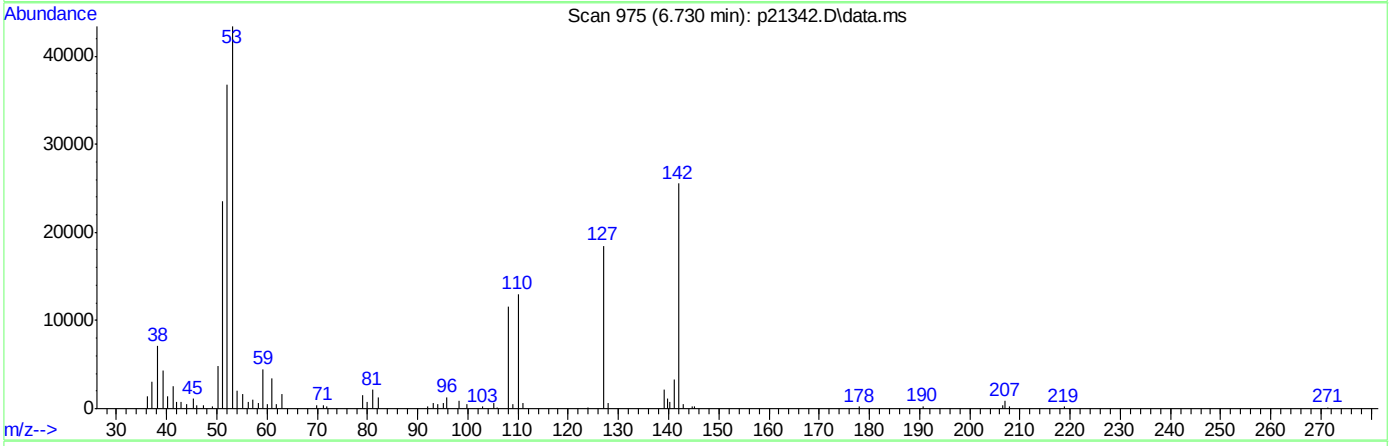
ACCUTEST Laboratories M67399

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21342.D
Acq On : 5 Sep 2007 4:35 am
Operator : amym
Sample : ic733-400
Misc : ms14235,msp733,,,,5,1
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Sep 05 08:17:48 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





TIC: p21342.D\data.ms

(23) iodomethane (M)

6.730min (-0.042) 315.20ug/L

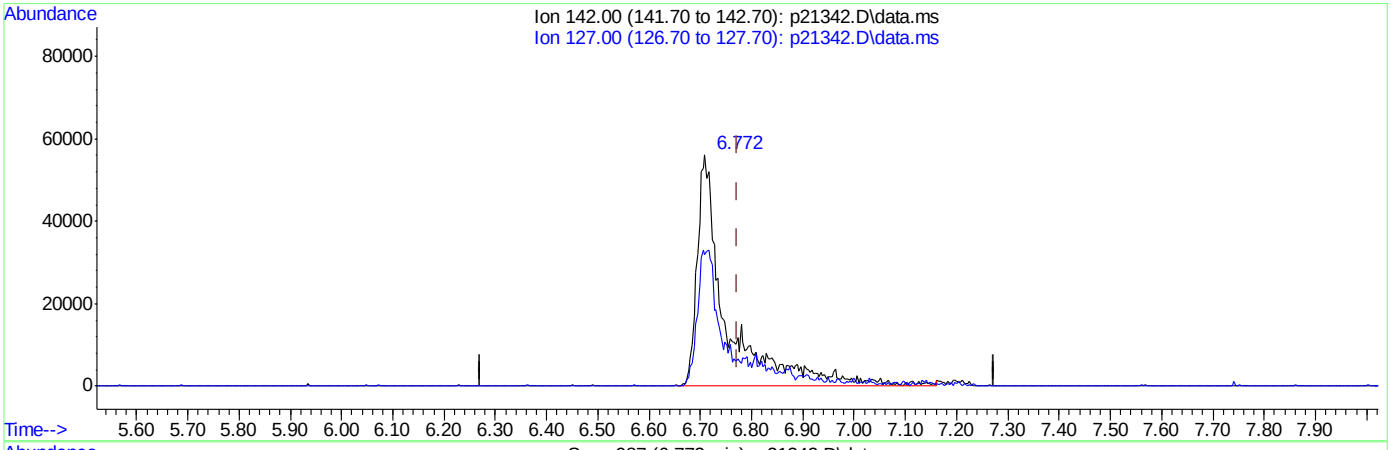
response 178819

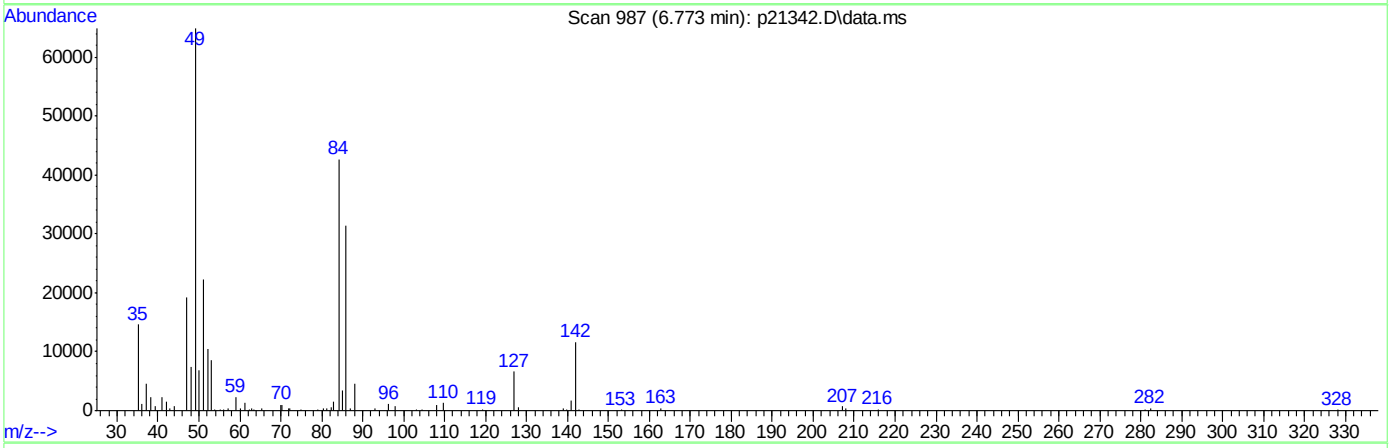
Ion	Exp%	Act%
142.00	100	100
127.00	44.10	72.33
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21342.D
Acq On : 5 Sep 2007 4:35 am
Operator : amym
Sample : ic733-400
Misc : ms14235,msp733,,,,5,1
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Sep 05 08:17:48 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





TIC: p21342.D\data.ms

(23) iodomethane (M)

6.773min (0.000) 398.66ug/L m

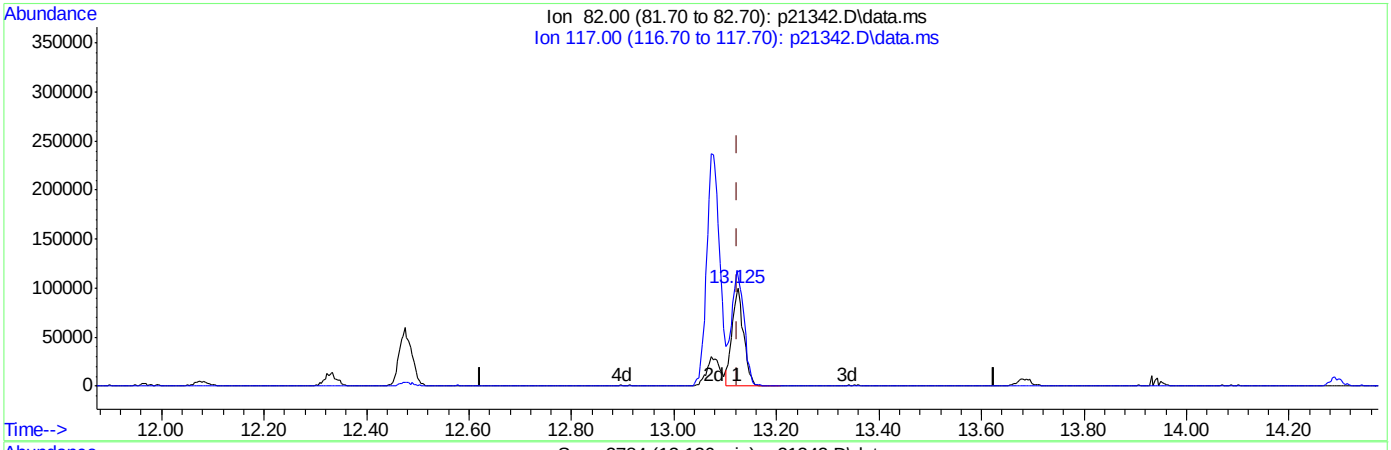
response 226167

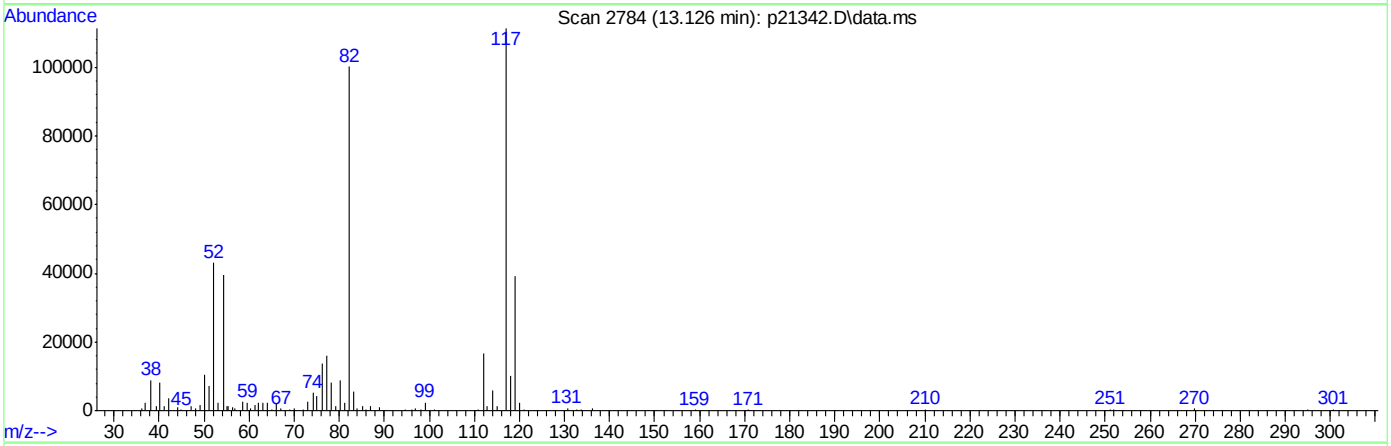
Ion	Exp%	Act%
142.00	100	100
127.00	44.10	56.36
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21342.D
Acq On : 5 Sep 2007 4:35 am
Operator : amym
Sample : ic733-400
Misc : ms14235,msp733,,,,5,1
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Sep 05 08:17:48 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





(65) chlorobenzene-d5 (I)

13.125min (+0.001) 50.00ug/L

response 158128

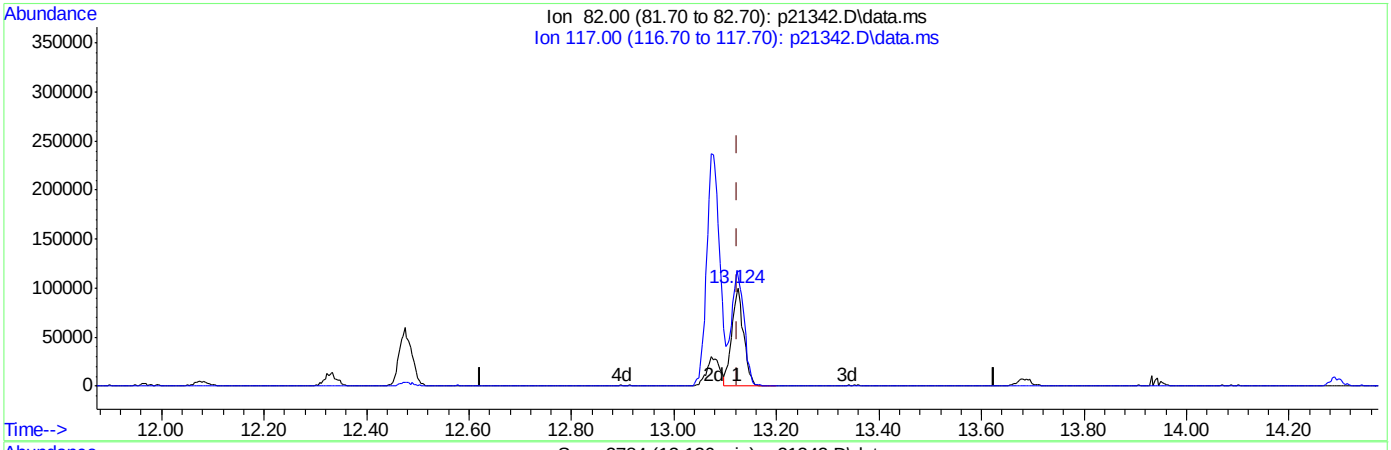
Ion	Exp%	Act%
82.00	100	100
117.00	171.00	111.12#
0.00	0.00	0.00
0.00	0.00	0.00

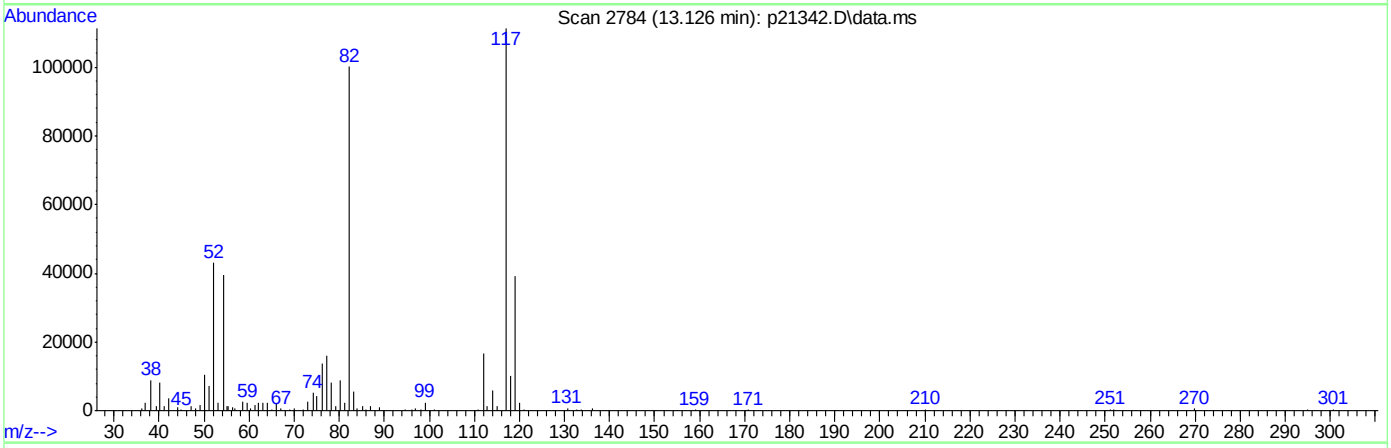
ACCUTEST Laboratories M67399

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21342.D
Acq On : 5 Sep 2007 4:35 am
Operator : amym
Sample : ic733-400
Misc : ms14235,msp733,,,,5,1
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Sep 05 08:17:48 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





(65) chlorobenzene-d5 (I)

13.126min (+0.002) 50.00ug/L m

response 161577

Ion	Exp%	Act%
82.00	100	100
117.00	171.00	111.12#
0.00	0.00	0.00
0.00	0.00	0.00

P21343.D

Manual Integrations APPROVED (compounds with "m" flag)

Philip Bassignani 09/06/07 10:54

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21343.D
Acq On : 5 Sep 2007 5:03 am
Operator : amym
Sample : ic733-300
Misc : ms14235,msp733,,,,5,1
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Sep 05 08:46:51 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) tert butyl alcohol-d9	6.564	65	187456	500.00 ug/L	0.00
3) pentafluorobenzene	8.998	168	144183	50.00 ug/L	0.00
42) 1,4-difluorobenzene	9.868	114	228191	50.00 ug/L	0.00
65) chlorobenzene-d5	13.122	82	170747m	50.00 ug/L	0.00
79) 1,4-dichlorobenzene-d4	15.686	152	114616	50.00 ug/L	0.00

System Monitoring Compounds

39) dibromofluoromethane (s)	8.642	113	79648	48.82 ug/L	0.00
Spiked Amount 50.000	Range 85 - 129		Recovery = 97.64%		
59) toluene-d8 (s)	11.665	98	296692	46.15 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.30%		
81) bromofluorobenzene (s)	14.349	95	153325	48.49 ug/L	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 96.98%		

Target Compounds

					Qvalue
2) tertiary butyl alcohol	6.648	59	1370746	2930.37 ug/L	98
4) Ethanol	5.431	45	1221103	32102.49 ug/L	98
5) dichlorodifluoromethane	4.239	85	499123	329.59 ug/L	100
6) chloromethane	4.491	50	381161	337.66 ug/L	97
7) vinyl chloride	4.729	62	438957	319.22 ug/L	100
8) bromomethane	5.247	96	196337	317.35 ug/L	92
9) chloroethane	5.413	64	207988	301.57 ug/L	96
10) ethyl ether	6.301	59	462398	321.40 ug/L	100
11) acetonitrile	5.958	41	219970	319.73 ug/L	93
12) trichlorofluoromethane	6.067	101	986354	298.09 ug/L	100
13) freon-113	6.836	101	462163	305.35 ug/L	89
14) acrolein	6.049	56	954361	1634.97 ug/L	96
15) 1,1-dichloroethene	6.650	96	421280	316.25 ug/L #	76
16) acetone	6.185	43	508332	311.95 ug/L	70
17) Methyl Acetate	6.826	43	1274062	312.08 ug/L #	94
18) methylene chloride	6.799	84	501607	299.21 ug/L	95
19) methyl tert butyl ether	7.581	73	1730948	316.05 ug/L	86
20) acrylonitrile	6.697	53	1535985	1583.61 ug/L	92
21) allyl chloride	6.893	41	438404	317.46 ug/L	87
22) trans-1,2-dichloroethene	7.491	96	445410	311.29 ug/L	90
23) iodomethane	6.743	142	198981	345.89 ug/L	83
24) carbon disulfide	7.077	76	1316354	311.07 ug/L	99
25) propionitrile	7.749	54	137992	304.73 ug/L	100
26) vinyl acetate	7.840	43	496164	331.25 ug/L	99
27) chloroprene	8.110	53	927906	301.99 ug/L	85
28) di-isopropyl ether	8.146	45	1712061	313.41 ug/L #	64
29) methacrylonitrile	8.264	41	576991	312.85 ug/L	96
30) 2-butanone	8.150	72	135575	315.33 ug/L #	89
31) Hexane	8.135	41	800907	302.81 ug/L #	79
32) 1,1-dichloroethane	7.746	63	1026929	305.15 ug/L	99
33) tert-butyl ethyl ether	8.541	59	1172082	304.14 ug/L	90
34) isobutyl alcohol	8.564	43	415846	1498.28 ug/L #	62
35) 2,2-dichloropropane	8.603	77	542594	295.63 ug/L	84
36) cis-1,2-dichloroethene	8.316	96	527322	313.28 ug/L	91
37) bromochloromethane	8.482	128	200397	314.99 ug/L	96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21343.D
Acq On : 5 Sep 2007 5:03 am
Operator : amym
Sample : ic733-300
Misc : ms14235,msp733,,,,5,1
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Sep 05 08:46:51 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
38) chloroform	8.521	83	1276362	307.99 ug/L	96
40) Tetrahydrofuran	8.846	42	281765	321.16 ug/L	87
41) 1,1,1-trichloroethane	9.271	97	1100453	290.01 ug/L	98
43) Cyclohexane	9.554	56	637827	279.01 ug/L #	67
44) carbon tetrachloride	9.635	117	873066	266.15 ug/L	96
45) 1,1-dichloropropene	9.445	75	830140	275.25 ug/L	89
46) benzene	9.671	78	2076481	283.92 ug/L	98
47) 1,2-dichloroethane	9.171	62	1296568	277.19 ug/L	93
48) tert-amyl methyl ether	9.786	73	1182105	274.59 ug/L	95
49) heptane	10.144	43	403566	274.20 ug/L	91
50) trichloroethene	10.290	95	632663	273.32 ug/L	83
51) 1,2-dichloropropane	10.257	63	507309	286.03 ug/L	99
52) dibromomethane	10.230	93	380793	287.50 ug/L	99
53) bromodichloromethane	10.342	83	1071708	273.88 ug/L	99
54) Methylcyclohexane	10.806	83	654205	278.67 ug/L	97
55) 2-chloroethyl vinyl ether	10.784	63	26516	193.64 ug/L #	72
56) methyl methacrylate	10.432	69	571912	284.81 ug/L	95
57) 1,4-dioxane	10.438	88	69245	1427.68 ug/L	95
58) cis-1,3-dichloropropene	10.959	75	864652	282.78 ug/L	91
60) 4-methyl-2-pentanone	11.050	43	1031271	282.68 ug/L	96
61) toluene	11.738	92	1280885	278.70 ug/L	95
62) trans-1,3-dichloropropene	11.377	75	886599	284.28 ug/L	83
63) 1,1,2-trichloroethane	11.551	83	459766	280.74 ug/L	96
64) ethyl methacrylate	11.749	69	964082	285.47 ug/L	96
66) tetrachloroethene	12.477	166	448523	293.47 ug/L	95
67) 1,3-dichloropropane	11.786	76	1048866	300.23 ug/L	99
68) dibromochloromethane	12.078	129	631533	295.37 ug/L	98
69) 1,2-dibromoethane	12.330	107	586158	295.63 ug/L	94
70) 2-hexanone	11.904	43	830282	299.49 ug/L	88
71) chlorobenzene	13.158	112	1268943	296.28 ug/L	85
72) 1,1,1,2-tetrachloroethane	13.077	131	516880	296.91 ug/L	93
73) ethylbenzene	13.331	91	2705065	295.04 ug/L	95
74) m,p-xylene	13.516	106	1778678	582.56 ug/L #	80
75) o-xylene	13.930	106	872783	296.35 ug/L	84
76) styrene	13.856	104	1501175	294.03 ug/L	66
77) bromoform	13.683	173	547474	294.13 ug/L	94
78) trans-1,4-dichloro-2-b...	14.076	53	125699	311.52 ug/L #	59
80) isopropylbenzene	14.291	105	2106367	283.75 ug/L	95
82) bromobenzene	14.581	156	568323	288.25 ug/L #	82
83) 1,1,2,2-tetrachloroethane	13.933	83	838094	298.14 ug/L	96
84) 1,2,3-trichloropropane	14.080	75	1058109	289.35 ug/L	99
85) n-propylbenzene	14.737	91	2823455	284.38 ug/L	98
86) 2-chlorotoluene	14.858	91	1914156	281.59 ug/L	89
87) 4-chlorotoluene	14.932	91	2040101	287.13 ug/L	86
88) 1,3,5-trimethylbenzene	15.013	105	2087572	282.27 ug/L	89
89) tert-butylbenzene	15.320	91	1408242	279.67 ug/L	83
90) 1,2,4-trimethylbenzene	15.424	105	2180706	284.10 ug/L	91
91) sec-butylbenzene	15.542	105	2263290	286.62 ug/L	93
92) 1,3-dichlorobenzene	15.647	146	960035	288.20 ug/L	92
93) p-isopropyltoluene	15.713	119	1918289	282.68 ug/L	90

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21343.D
Acq On : 5 Sep 2007 5:03 am
Operator : amym
Sample : ic733-300
Misc : ms14235,msp733,,,,5,1
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Sep 05 08:46:51 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

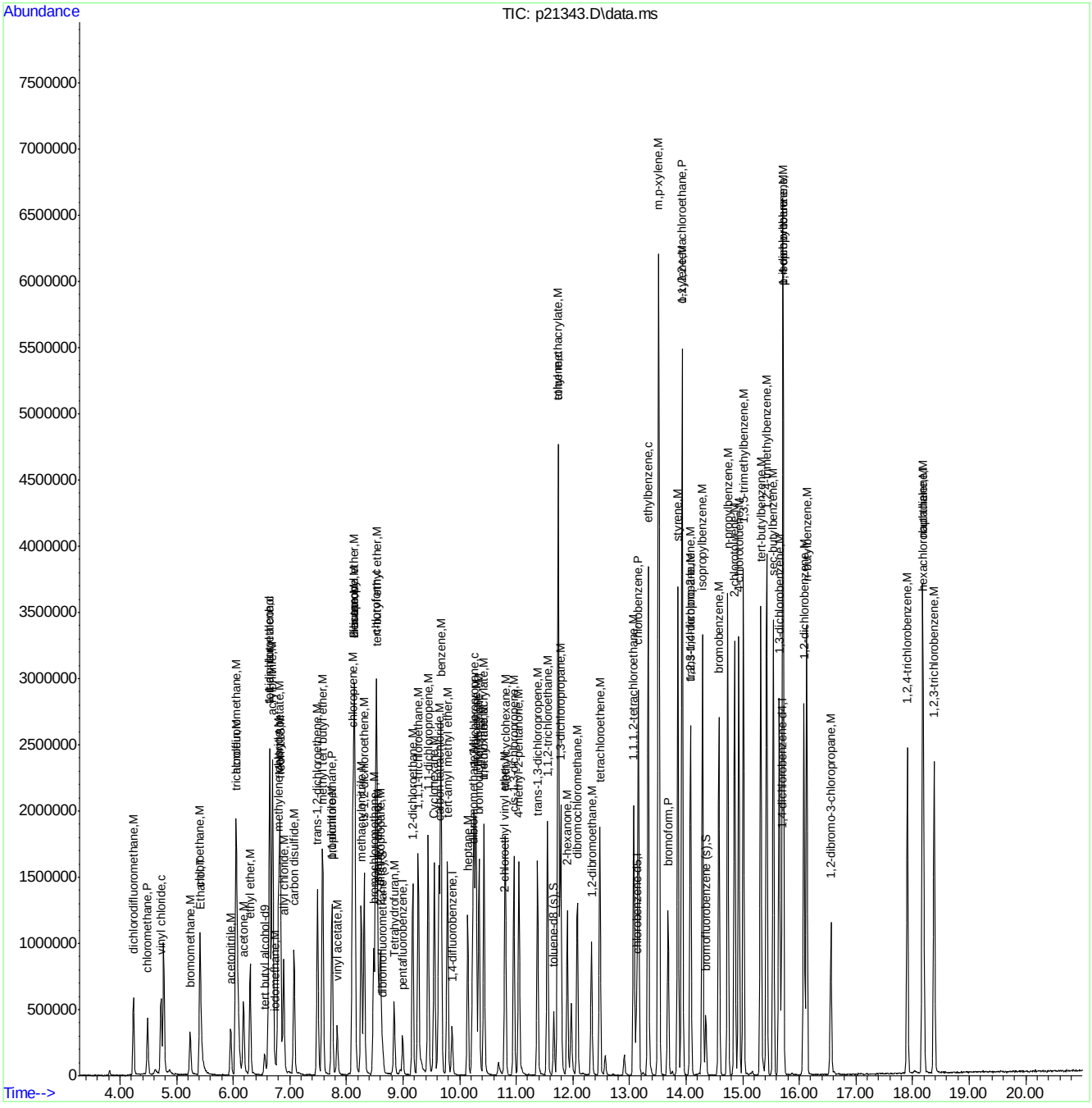
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) 1,4-dichlorobenzene	15.713	146	1019052	279.95	ug/L	96
95) 1,2-dichlorobenzene	16.081	146	949184	279.32	ug/L	91
96) n-butylbenzene	16.130	91	1916706	285.36	ug/L	93
97) 1,2-dibromo-3-chloropr...	16.558	75	373842	285.01	ug/L	72
98) 1,2,4-trichlorobenzene	17.909	180	676757	287.17	ug/L	91
99) hexachlorobutadiene	18.198	225	321241	294.95	ug/L	96
100) naphthalene	18.179	128	2293825	292.20	ug/L	100
101) 1,2,3-trichlorobenzene	18.384	180	663325	287.03	ug/L	94

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21343.D
Acq On : 5 Sep 2007 5:03 am
Operator : amym
Sample : ic733-300
Misc : ms14235,msp733,,,,5,1
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Sep 05 08:46:51 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

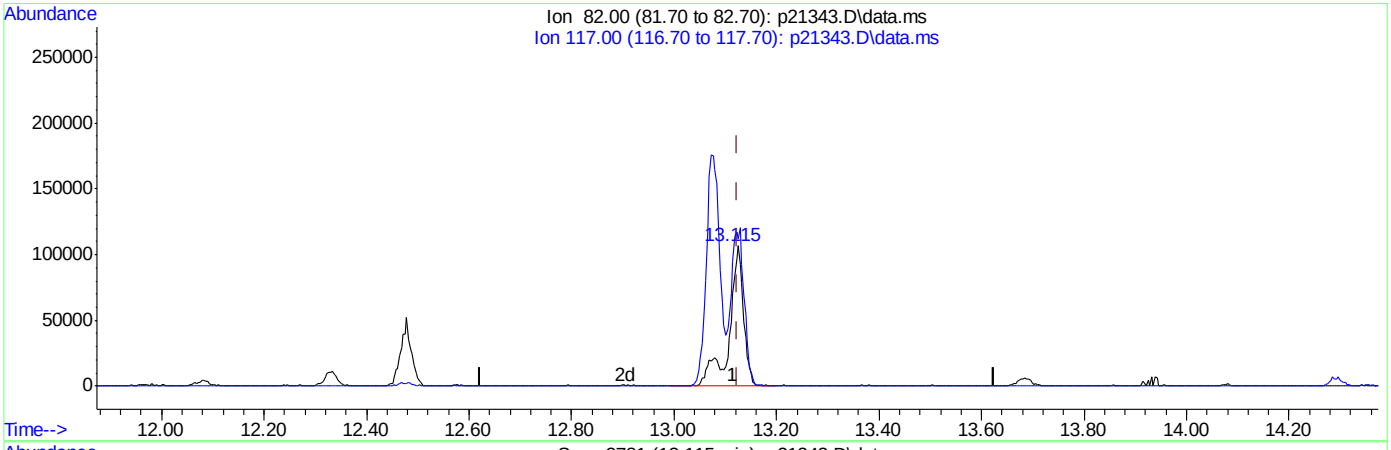


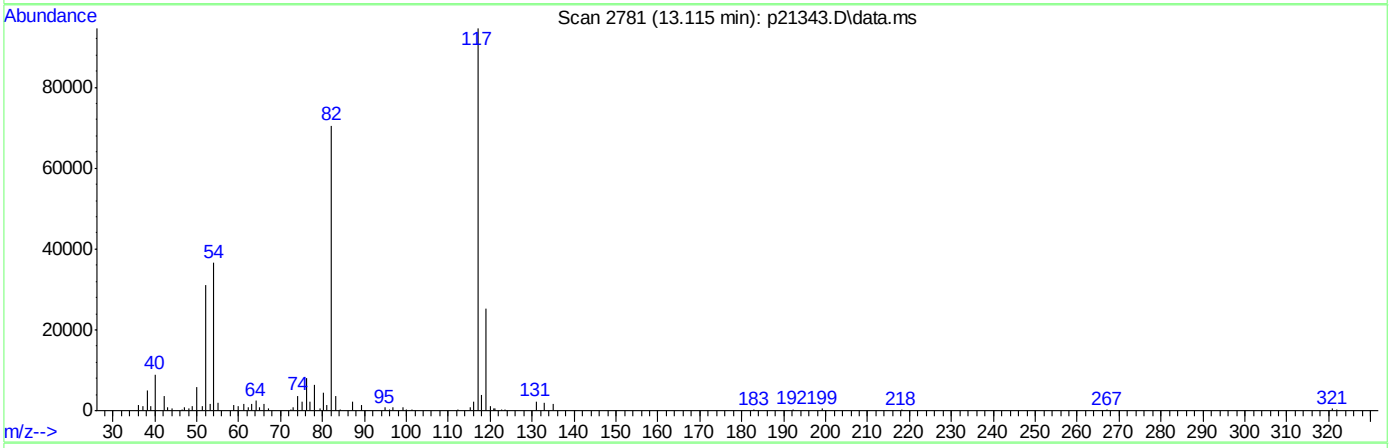
ACCUTEST Laboratories M67399

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21343.D
Acq On : 5 Sep 2007 5:03 am
Operator : amym
Sample : ic733-300
Misc : ms14235,msp733,,,,5,1
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Sep 05 08:17:53 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





(65) chlorobenzene-d5 (I)

13.115min (-0.009) 50.00ug/L

response 210973

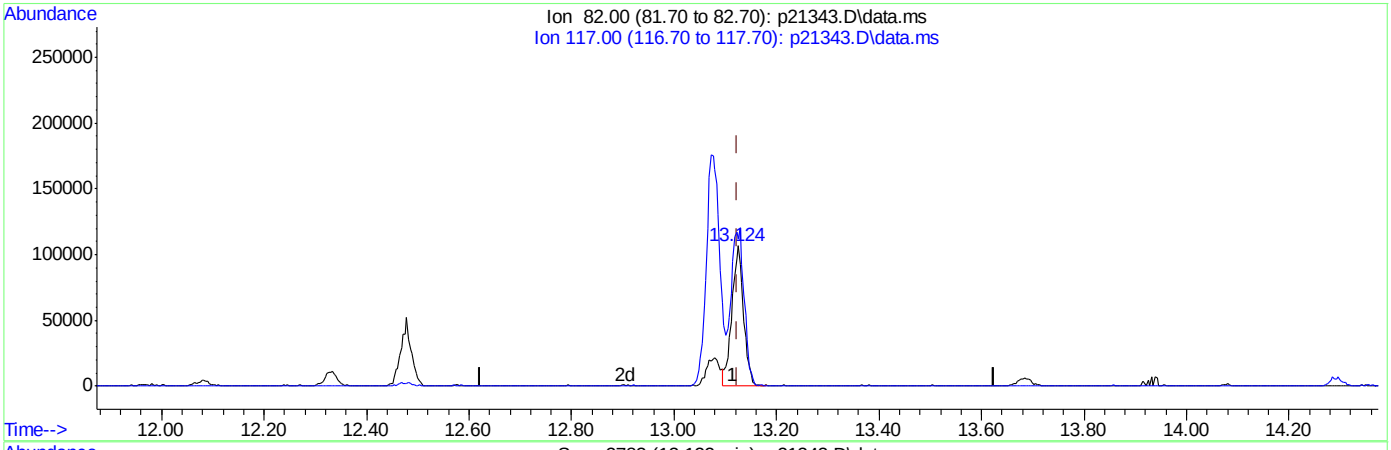
Ion	Exp%	Act%
82.00	100	100
117.00	171.00	134.09#
0.00	0.00	0.00
0.00	0.00	0.00

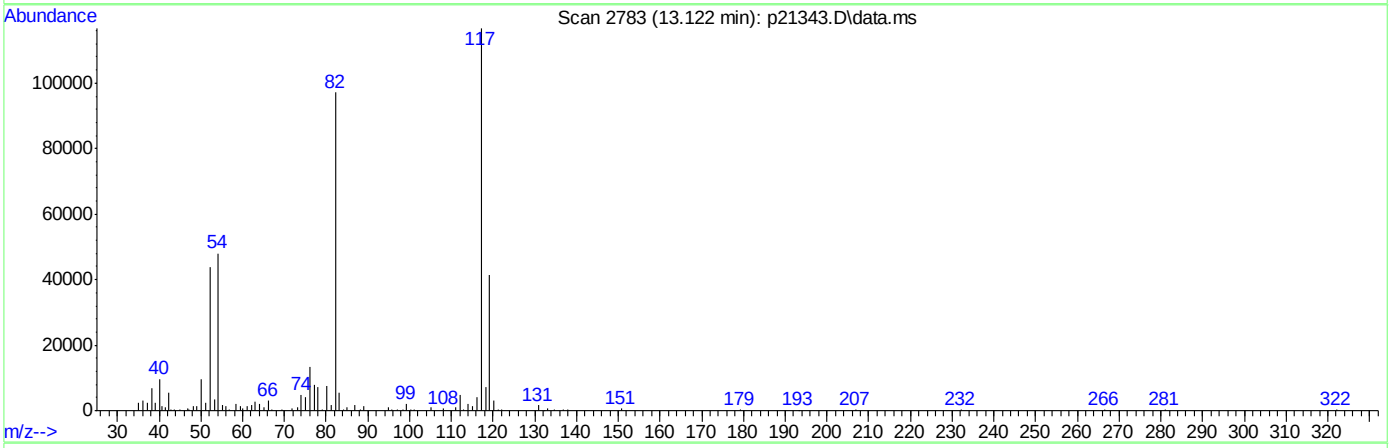
ACCUTEST Laboratories M67399

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21343.D
Acq On : 5 Sep 2007 5:03 am
Operator : amym
Sample : ic733-300
Misc : ms14235,msp733,,,,5,1
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Sep 05 08:17:53 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





TIC: p21343.D\data.ms

(65) chlorobenzene-d5 (I)

13.122min (-0.002) 50.00ug/L m

response 170747

Ion	Exp%	Act%
82.00	100	100
117.00	171.00	120.23#
0.00	0.00	0.00
0.00	0.00	0.00

ACCUTEST Laboratories M67399

Manual Integrations
APPROVED
(compounds with "m" flag)
Philip Bassignani
09/06/07 10:54

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21344.D
Acq On : 5 Sep 2007 5:31 am
Operator : amym
Sample : ic733-200
Misc : ms14235,msp733,,,,5,1
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Sep 05 08:48:31 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) tert butyl alcohol-d9	6.563	65	224679	500.00 ug/L	0.00
3) pentafluorobenzene	8.998	168	147911	50.00 ug/L	0.00
42) 1,4-difluorobenzene	9.869	114	227426	50.00 ug/L	0.00
65) chlorobenzene-d5	13.122	82	167223m	50.00 ug/L	0.00
79) 1,4-dichlorobenzene-d4	15.685	152	108896	50.00 ug/L	0.00

System Monitoring Compounds

39) dibromofluoromethane (s) 8.642 113 83777 50.05 ug/L 0.00
Spiked Amount 50.000 Range 85 - 129 Recovery = 100.10%
59) toluene-d8 (s) 11.666 98 314637 49.11 ug/L 0.00
Spiked Amount 50.000 Range 80 - 120 Recovery = 98.22%
81) bromofluorobenzene (s) 14.349 95 149892 49.90 ug/L 0.00
Spiked Amount 50.000 Range 80 - 119 Recovery = 99.80%

Target Compounds					Qvalue
2) tertiary butyl alcohol	6.648	59	1109608	1979.12 ug/L	96
4) Ethanol	5.431	45	842858	21600.03 ug/L	97
5) dichlorodifluoromethane	4.240	85	326691	210.29 ug/L	92
6) chloromethane	4.491	50	228315	197.16 ug/L	99
7) vinyl chloride	4.732	62	289362	205.13 ug/L	97
8) bromomethane	5.245	96	139752	220.20 ug/L	89
9) chloroethane	5.413	64	154229	217.99 ug/L	96
10) ethyl ether	6.302	59	310530	210.40 ug/L	95
11) acetonitrile	5.959	41	185746	263.18 ug/L	70
12) trichlorofluoromethane	6.067	101	662886	195.28 ug/L	94
13) freon-113	6.837	101	310642	200.07 ug/L	91
14) acrolein	6.050	56	656286	1095.98 ug/L	97
15) 1,1-dichloroethene	6.649	96	297167	217.46 ug/L #	76
16) acetone	6.185	43	341151	204.08 ug/L	71
17) Methyl Acetate	6.825	43	850817	203.15 ug/L #	90
18) methylene chloride	6.800	84	341084	198.33 ug/L	91
19) methyl tert butyl ether	7.581	73	1107064	197.04 ug/L	87
20) acrylonitrile	6.696	53	1036266	1041.47 ug/L	96
21) allyl chloride	6.894	41	326700	230.61 ug/L	84
22) trans-1,2-dichloroethene	7.492	96	305150	207.89 ug/L #	80
23) iodomethane	6.723	142	140424	237.95 ug/L	70
24) carbon disulfide	7.079	76	922894	212.59 ug/L	98
25) propionitrile	7.749	54	97959	210.87 ug/L	100
26) vinyl acetate	7.842	43	275073	179.02 ug/L	96
27) chloroprene	8.111	53	622941	197.63 ug/L	88
28) di-isopropyl ether	8.146	45	1164544	207.81 ug/L #	63
29) methacrylonitrile	8.264	41	400758	211.82 ug/L	97
30) 2-butanone	8.150	72	92352	209.39 ug/L #	96
31) Hexane	8.135	41	545123	200.91 ug/L #	79
32) 1,1-dichloroethane	7.746	63	697842	202.14 ug/L	96
33) tert-butyl ethyl ether	8.542	59	662195	167.50 ug/L	91
34) isobutyl alcohol	8.568	43	269971m	948.18 ug/L	
35) 2,2-dichloropropane	8.603	77	279359	148.37 ug/L	93
36) cis-1,2-dichloroethene	8.316	96	352917	204.38 ug/L	90
37) bromochloromethane	8.482	128	134581	206.21 ug/L	95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21344.D
Acq On : 5 Sep 2007 5:31 am
Operator : amym
Sample : ic733-200
Misc : ms14235,msp733,,,,5,1
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Sep 05 08:48:31 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
38) chloroform	8.520	83	857873	201.79 ug/L	97
40) Tetrahydrofuran	8.846	42	197755	219.72 ug/L	92
41) 1,1,1-trichloroethane	9.271	97	695087	178.57 ug/L	98
43) Cyclohexane	9.554	56	443059	194.46 ug/L #	81
44) carbon tetrachloride	9.635	117	570923	174.63 ug/L	98
45) 1,1-dichloropropene	9.446	75	562602	187.17 ug/L	95
46) benzene	9.671	78	1386723	190.25 ug/L	99
47) 1,2-dichloroethane	9.171	62	882328	189.26 ug/L	92
48) tert-amyl methyl ether	9.786	73	693622	161.66 ug/L	96
49) heptane	10.145	43	267829	182.59 ug/L	89
50) trichloroethene	10.290	95	439800	190.64 ug/L	78
51) 1,2-dichloropropane	10.257	63	345462	195.43 ug/L	100
52) dibromomethane	10.230	93	272767	206.64 ug/L	98
53) bromodichloromethane	10.343	83	708252	181.61 ug/L	96
54) Methylcyclohexane	10.807	83	439386	187.80 ug/L	90
55) 2-chloroethyl vinyl ether	10.786	63	12348	90.48 ug/L #	62
56) methyl methacrylate	10.432	69	379680	189.71 ug/L	98
57) 1,4-dioxane	10.439	88	47570	984.09 ug/L	100
58) cis-1,3-dichloropropene	10.959	75	564512	185.24 ug/L	91
60) 4-methyl-2-pentanone	11.051	43	707720	194.64 ug/L	93
61) toluene	11.738	92	857947	187.31 ug/L	100
62) trans-1,3-dichloropropene	11.377	75	565213	181.84 ug/L	86
63) 1,1,2-trichloroethane	11.551	83	299098	183.25 ug/L	98
64) ethyl methacrylate	11.750	69	626195	186.04 ug/L	95
66) tetrachloroethene	12.478	166	307803	205.64 ug/L	92
67) 1,3-dichloropropane	11.786	76	708382	207.04 ug/L	98
68) dibromochloromethane	12.078	129	418907	200.05 ug/L	94
69) 1,2-dibromoethane	12.330	107	398617	205.28 ug/L	96
70) 2-hexanone	11.906	43	570031	209.94 ug/L	89
71) chlorobenzene	13.158	112	840164	200.30 ug/L	78
72) 1,1,1,2-tetrachloroethane	13.076	131	343685	201.58 ug/L	96
73) ethylbenzene	13.332	91	1800777	200.55 ug/L	95
74) m,p-xylene	13.516	106	1198394	400.77 ug/L	86
75) o-xylene	13.930	106	589062	204.23 ug/L #	78
76) styrene	13.856	104	1021189	204.23 ug/L	68
77) bromoform	13.683	173	361090	198.09 ug/L	95
78) trans-1,4-dichloro-2-b...	14.076	53	81512	206.27 ug/L #	85
80) isopropylbenzene	14.291	105	1414839	200.61 ug/L	96
82) bromobenzene	14.581	156	380194	202.96 ug/L #	76
83) 1,1,2,2-tetrachloroethane	13.933	83	519201	194.40 ug/L	99
84) 1,2,3-trichloropropane	14.079	75	716317	206.17 ug/L	97
85) n-propylbenzene	14.737	91	1888740	200.23 ug/L	99
86) 2-chlorotoluene	14.857	91	1303217	201.78 ug/L	89
87) 4-chlorotoluene	14.932	91	1359920	201.45 ug/L	89
88) 1,3,5-trimethylbenzene	15.013	105	1412344	201.00 ug/L	89
89) tert-butylbenzene	15.320	91	936444	195.74 ug/L	85
90) 1,2,4-trimethylbenzene	15.424	105	1443068	197.88 ug/L	92
91) sec-butylbenzene	15.542	105	1498157	199.69 ug/L	97
92) 1,3-dichlorobenzene	15.646	146	639013	201.91 ug/L	93
93) p-isopropyltoluene	15.712	119	1279162	198.40 ug/L	89

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21344.D
Acq On : 5 Sep 2007 5:31 am
Operator : amym
Sample : ic733-200
Misc : ms14235,msp733,,,,5,1
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Sep 05 08:48:31 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

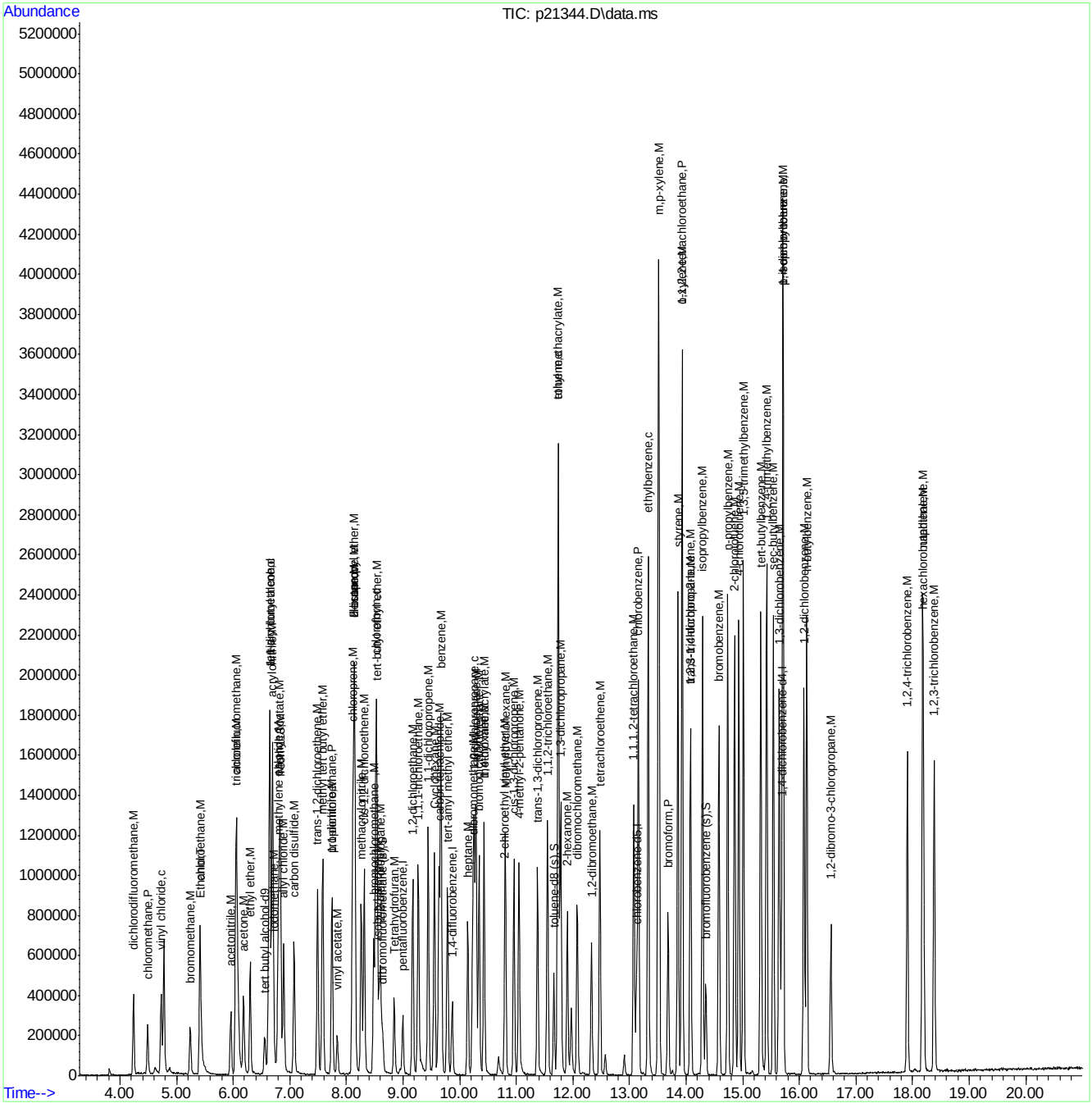
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
94) 1,4-dichlorobenzene	15.713	146	671717	194.22 ug/L	95
95) 1,2-dichlorobenzene	16.081	146	638770	197.85 ug/L	93
96) n-butylbenzene	16.130	91	1270271	199.05 ug/L	98
97) 1,2-dibromo-3-chloropr...	16.558	75	250799	201.25 ug/L	73
98) 1,2,4-trichlorobenzene	17.909	180	439594	196.33 ug/L	98
99) hexachlorobutadiene	18.198	225	202705	195.89 ug/L	99
100) naphthalene	18.178	128	1509352	202.37 ug/L	100
101) 1,2,3-trichlorobenzene	18.384	180	437091	199.07 ug/L	87

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21344.D
Acq On : 5 Sep 2007 5:31 am
Operator : amym
Sample : ic733-200
Misc : ms14235,msp733,,,,5,1
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Sep 05 08:48:31 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

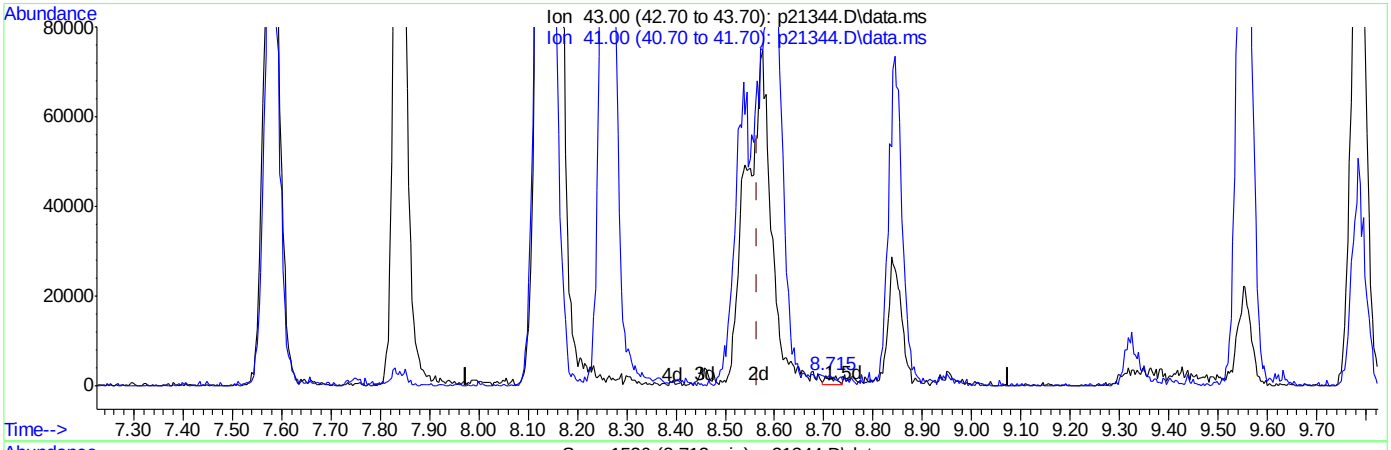


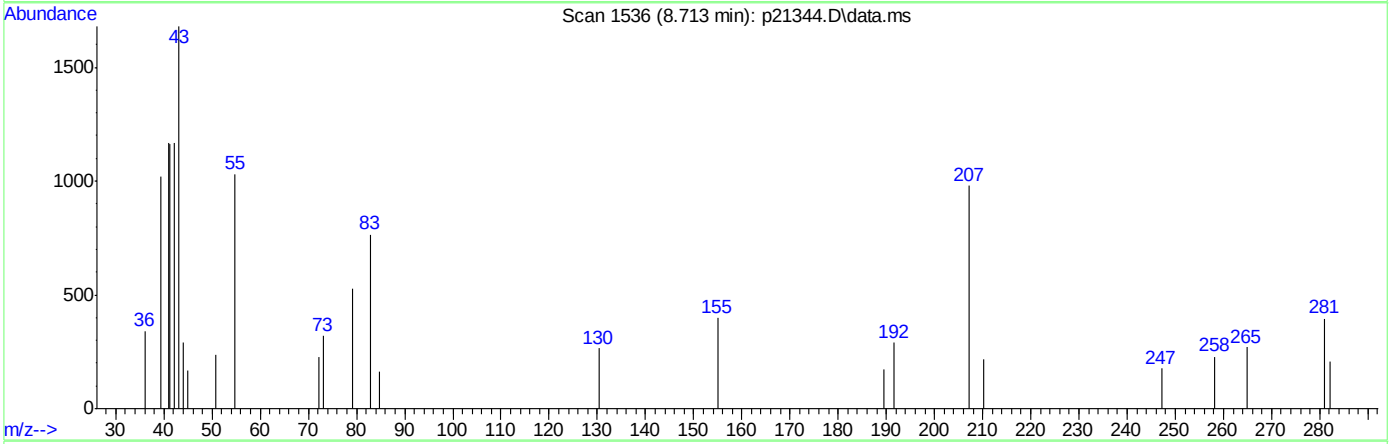
P090407w.M Thu Sep 06 09:06:31 2007 RP Page: 4

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21344.D
Acq On : 5 Sep 2007 5:31 am
Operator : amym
Sample : ic733-200
Misc : ms14235,msp733,,,,5,1
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Sep 05 08:17:58 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





TIC: p21344.D\data.ms

(34) isobutyl alcohol (M)

8.715min (+0.150) 9.23ug/L

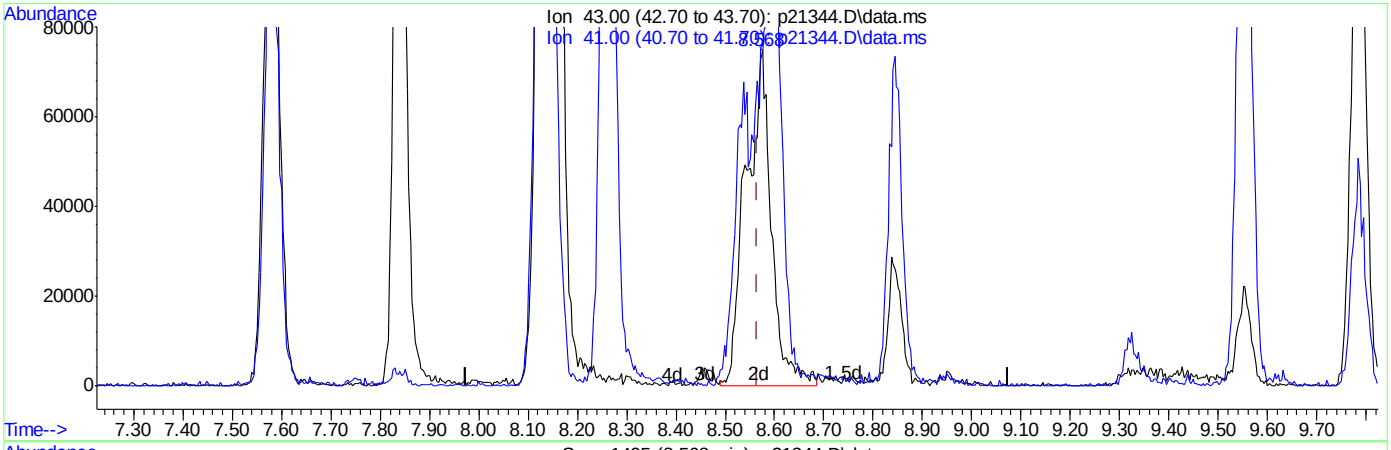
response 2628

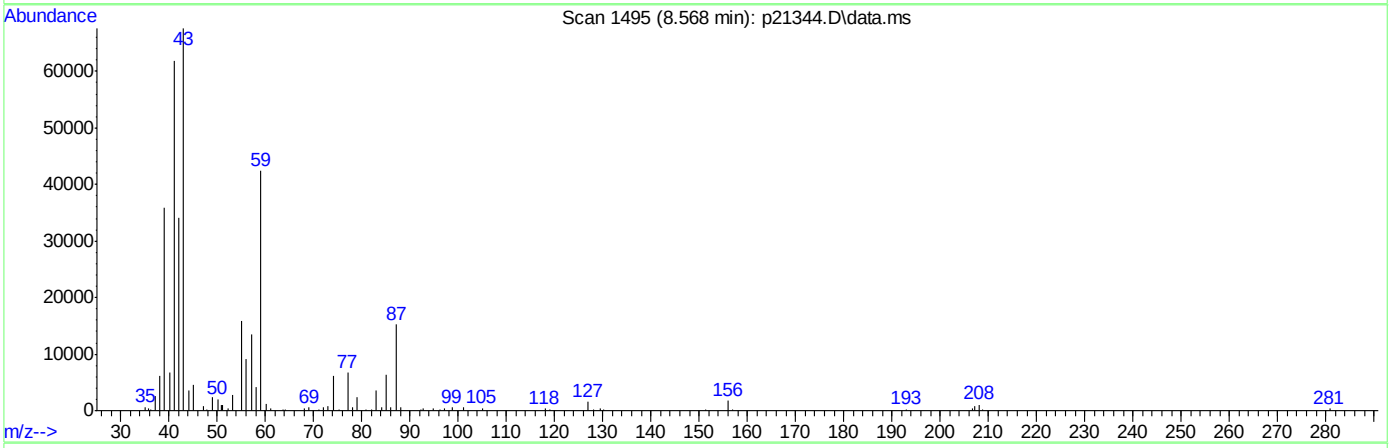
Ion	Exp%	Act%
43.00	100	100
41.00	142.10	116.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21344.D
Acq On : 5 Sep 2007 5:31 am
Operator : amym
Sample : ic733-200
Misc : ms14235,msp733,,,,5,1
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Sep 05 08:17:58 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





(34) isobutyl alcohol (M)

8.568min (+0.003) 948.18ug/L m

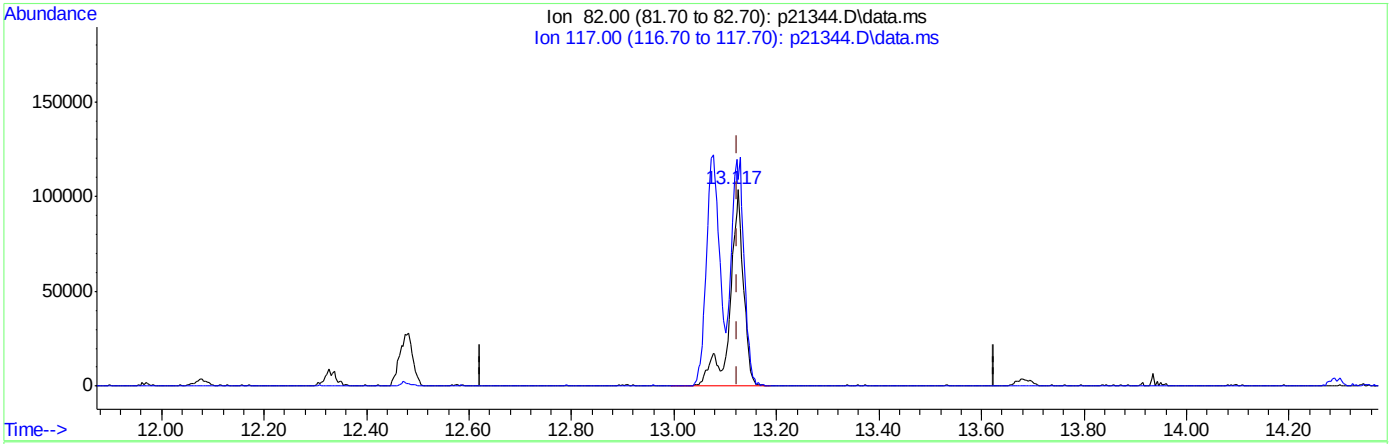
response 269971

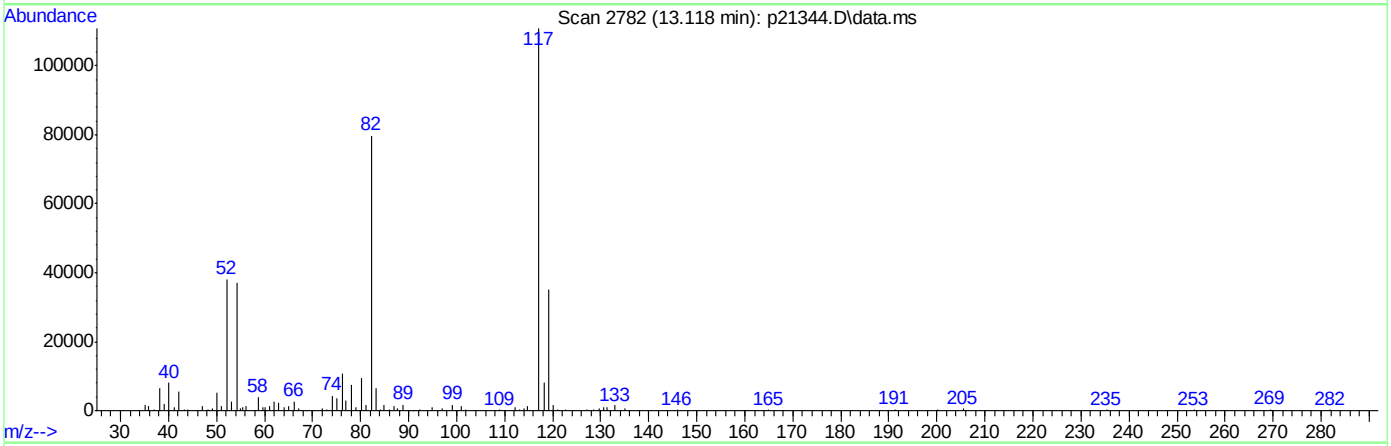
Ion	Exp%	Act%
43.00	100	100
41.00	142.10	91.63#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21344.D
Acq On : 5 Sep 2007 5:31 am
Operator : amym
Sample : ic733-200
Misc : ms14235,msp733,,,,5,1
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Sep 05 08:17:58 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





TIC: p21344.D\data.ms

(65) chlorobenzene-d5 (I)

13.117min (-0.007) 50.00ug/L

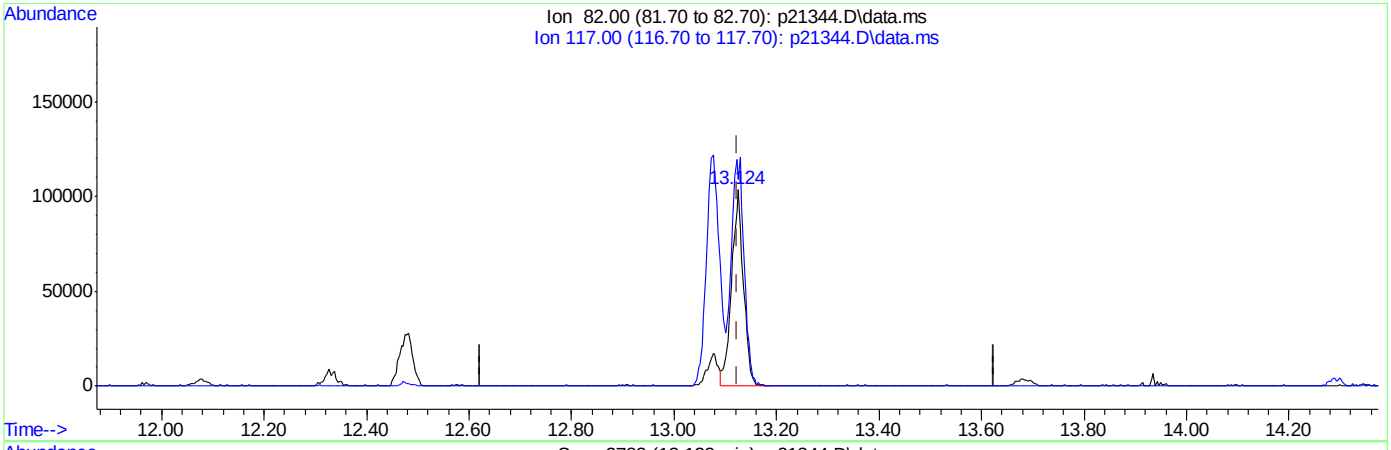
response 192549

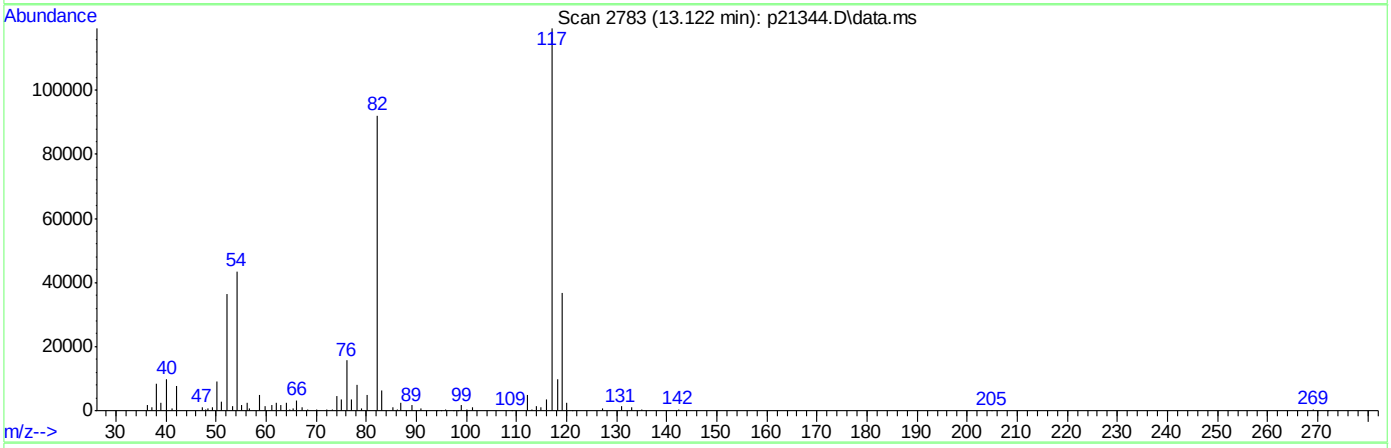
Ion	Exp%	Act%
82.00	100	100
117.00	171.00	139.02#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21344.D
Acq On : 5 Sep 2007 5:31 am
Operator : amym
Sample : ic733-200
Misc : ms14235,msp733,,,,5,1
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Sep 05 08:17:58 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration





(65) chlorobenzene-d5 (I)

13.122min (-0.002) 50.00ug/L m

response 167223

Ion	Exp%	Act%
82.00	100	100
117.00	171.00	129.63#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21345.D
Acq On : 5 Sep 2007 5:59 am
Operator : amym
Sample : icc733-100
Misc : ms14235,msp733,,,,5,1
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Sep 05 08:18:03 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) tert butyl alcohol-d9	6.566	65	235041	500.00 ug/L	0.00
3) pentafluorobenzene	8.998	168	144253	50.00 ug/L	0.00
42) 1,4-difluorobenzene	9.869	114	230143	50.00 ug/L	0.00
65) chlorobenzene-d5	13.120	82	174342	50.00 ug/L	0.00
79) 1,4-dichlorobenzene-d4	15.684	152	104833	50.00 ug/L	0.00

System Monitoring Compounds

39) dibromofluoromethane (s)	8.641	113	82305	50.42 ug/L	0.00
Spiked Amount 50.000	Range 85 - 129		Recovery = 100.84%		
59) toluene-d8 (s)	11.665	98	315017	48.59 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.18%		
81) bromofluorobenzene (s)	14.348	95	154284	53.35 ug/L	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 106.70%		

Target Compounds

					Qvalue
2) tertiary butyl alcohol	6.649	59	565121	963.52 ug/L	99
4) Ethanol	5.438	45	437964	11508.37 ug/L	96
5) dichlorodifluoromethane	4.241	85	159199	105.07 ug/L	100
6) chloromethane	4.492	50	83130	73.61 ug/L	94
7) vinyl chloride	4.738	62	134873	98.03 ug/L	97
8) bromomethane	5.245	96	60605	97.91 ug/L	94
9) chloroethane	5.413	64	66781	96.78 ug/L	90
10) ethyl ether	6.304	59	159062	110.51 ug/L	95
11) acetonitrile	5.959	41	116874	169.80 ug/L	86
12) trichlorofluoromethane	6.065	101	299515	90.47 ug/L	100
13) freon-113	6.837	101	148285	97.92 ug/L	90
14) acrolein	6.051	56	323695	554.27 ug/L	97
15) 1,1-dichloroethene	6.649	96	147315	110.54 ug/L #	59
16) acetone	6.188	43	179390	110.03 ug/L	72
17) Methyl Acetate	6.827	43	433504	106.13 ug/L #	93
18) methylene chloride	6.800	84	170407	101.60 ug/L	97
19) methyl tert butyl ether	7.581	73	518767	94.68 ug/L	81
20) acrylonitrile	6.698	53	537401	553.79 ug/L	93
21) allyl chloride	6.894	41	172364	124.75 ug/L	86
22) trans-1,2-dichloroethene	7.491	96	138856	97.00 ug/L #	77
23) iodomethane	6.725	142	63580	110.47 ug/L	69
24) carbon disulfide	7.078	76	435110	102.77 ug/L	98
25) propionitrile	7.755	54	46996	103.73 ug/L	100
26) vinyl acetate	7.845	43	127357	84.99 ug/L	100
27) chloroprene	8.111	53	295861	96.24 ug/L	84
28) di-isopropyl ether	8.146	45	573289	104.89 ug/L	69
29) methacrylonitrile	8.265	41	197964	107.29 ug/L	96
30) 2-butanone	8.153	72	44276	102.93 ug/L #	76
31) Hexane	8.136	41	263870	99.72 ug/L #	64
32) 1,1-dichloroethane	7.745	63	345503	102.62 ug/L	97
33) tert-butyl ethyl ether	8.542	59	240594	62.40 ug/L	90
34) isobutyl alcohol	8.573	43	113901	410.18 ug/L #	70
35) 2,2-dichloropropane	8.604	77	76841	41.85 ug/L	87
36) cis-1,2-dichloroethene	8.316	96	177156	105.20 ug/L	93
37) bromochloromethane	8.483	128	65947	103.61 ug/L	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21345.D
Acq On : 5 Sep 2007 5:59 am
Operator : amym
Sample : icc733-100
Misc : ms14235,msp733,,,,5,1
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Sep 05 08:18:03 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
38) chloroform	8.520	83	413900	99.83 ug/L	93
40) Tetrahydrofuran	8.848	42	98274	111.96 ug/L	85
41) 1,1,1-trichloroethane	9.271	97	302599	79.71 ug/L	96
43) Cyclohexane	9.554	56	206100	89.39 ug/L #	76
44) carbon tetrachloride	9.636	117	256802	77.62 ug/L	89
45) 1,1-dichloropropene	9.446	75	266285	87.54 ug/L	95
46) benzene	9.671	78	673792	91.35 ug/L	98
47) 1,2-dichloroethane	9.172	62	437404	92.72 ug/L	92
48) tert-amyl methyl ether	9.787	73	296257	68.23 ug/L	95
49) heptane	10.145	43	130980	88.24 ug/L	90
50) trichloroethene	10.290	95	208928	89.49 ug/L	88
51) 1,2-dichloropropane	10.257	63	169674	94.85 ug/L	100
52) dibromomethane	10.230	93	135674	101.57 ug/L	97
53) bromodichloromethane	10.343	83	349329	88.52 ug/L	96
54) Methylcyclohexane	10.806	83	210236	88.80 ug/L	93
55) 2-chloroethyl vinyl ether	10.790	63	5788	41.91 ug/L #	51
56) methyl methacrylate	10.433	69	184035	90.87 ug/L	98
57) 1,4-dioxane	10.439	88	24535	501.57 ug/L	76
58) cis-1,3-dichloropropene	10.959	75	249229	80.82 ug/L	84
60) 4-methyl-2-pentanone	11.053	43	349993	95.12 ug/L	94
61) toluene	11.737	92	411732	88.83 ug/L	97
62) trans-1,3-dichloropropene	11.377	75	250142	79.53 ug/L	83
63) 1,1,2-trichloroethane	11.551	83	152278	92.19 ug/L	97
64) ethyl methacrylate	11.750	69	292133	85.77 ug/L	94
66) tetrachloroethene	12.477	166	146416	93.83 ug/L	96
67) 1,3-dichloropropane	11.786	76	341032	95.61 ug/L	95
68) dibromochloromethane	12.078	129	205791	94.26 ug/L	98
69) 1,2-dibromoethane	12.330	107	191513	94.60 ug/L	97
70) 2-hexanone	11.908	43	277950	98.19 ug/L	91
71) chlorobenzene	13.158	112	409702	93.69 ug/L	83
72) 1,1,1,2-tetrachloroethane	13.076	131	162193	91.25 ug/L	98
73) ethylbenzene	13.331	91	863804	92.27 ug/L	97
74) m,p-xylene	13.515	106	567804	182.13 ug/L #	81
75) o-xylene	13.929	106	279321	92.89 ug/L #	80
76) styrene	13.856	104	481607	92.38 ug/L	73
77) bromoform	13.683	173	170538	89.73 ug/L	92
78) trans-1,4-dichloro-2-b...	14.078	53	33753	81.93 ug/L #	87
80) isopropylbenzene	14.291	105	667960	98.38 ug/L	95
82) bromobenzene	14.580	156	179022	99.27 ug/L #	79
83) 1,1,2,2-tetrachloroethane	13.932	83	265207	103.15 ug/L	96
84) 1,2,3-trichloropropane	14.079	75	342539	102.41 ug/L	95
85) n-propylbenzene	14.736	91	903620	99.51 ug/L	97
86) 2-chlorotoluene	14.857	91	612899	98.58 ug/L	86
87) 4-chlorotoluene	14.931	91	648724	99.82 ug/L	83
88) 1,3,5-trimethylbenzene	15.013	105	669364	98.95 ug/L	87
89) tert-butylbenzene	15.319	91	446205	96.88 ug/L	83
90) 1,2,4-trimethylbenzene	15.423	105	701698	99.95 ug/L	91
91) sec-butylbenzene	15.541	105	704618	97.56 ug/L	96
92) 1,3-dichlorobenzene	15.646	146	308258	101.17 ug/L	92
93) p-isopropyltoluene	15.712	119	584557	94.18 ug/L	90

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21345.D
Acq On : 5 Sep 2007 5:59 am
Operator : amym
Sample : icc733-100
Misc : ms14235,msp733,,,,5,1
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Sep 05 08:18:03 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

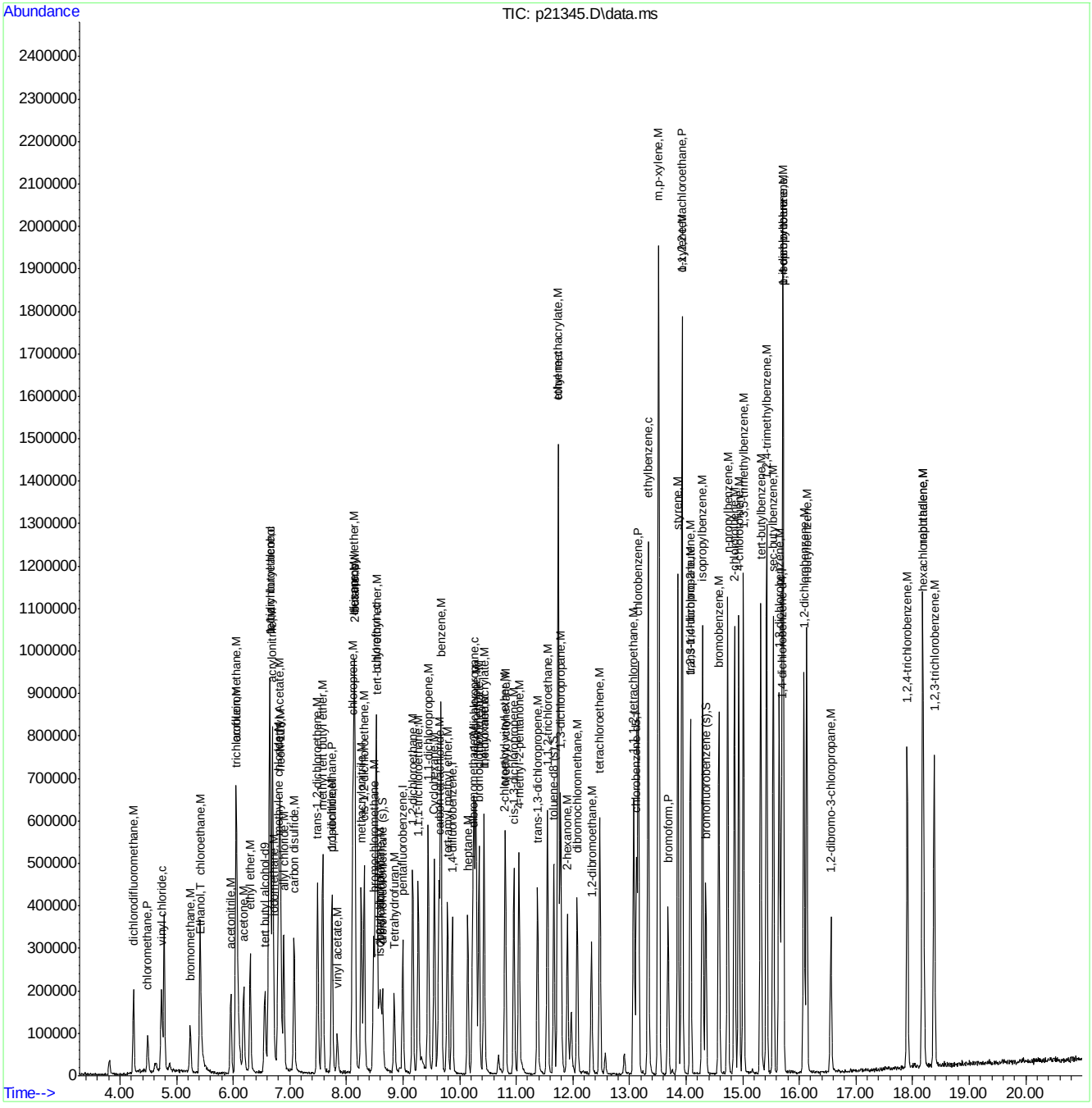
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
94) 1,4-dichlorobenzene	15.712	146	318838	95.76 ug/L	91
95) 1,2-dichlorobenzene	16.081	146	311053	100.08 ug/L	90
96) n-butylbenzene	16.130	91	600726	97.78 ug/L	98
97) 1,2-dibromo-3-chloropr...	16.558	75	118986	99.18 ug/L #	70
98) 1,2,4-trichlorobenzene	17.909	180	216506	100.44 ug/L	89
99) hexachlorobutadiene	18.198	225	100428	100.81 ug/L	96
100) naphthalene	18.178	128	702839	97.89 ug/L	100
101) 1,2,3-trichlorobenzene	18.384	180	206322	97.61 ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21345.D
Acq On : 5 Sep 2007 5:59 am
Operator : amym
Sample : icc733-100
Misc : ms14235,msp733,,,,5,1
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Sep 05 08:18:03 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration



ACCUTEST Laboratories M67399

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21346.D
Acq On : 5 Sep 2007 6:27 am
Operator : amym
Sample : ic733-50
Misc : ms14235,msp733,,,,5,1
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 05 08:18:07 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.567	65	234539	500.00	ug/L	0.00
3) pentafluorobenzene	8.998	168	152059	50.00	ug/L	0.00
42) 1,4-difluorobenzene	9.869	114	225697	50.00	ug/L	0.00
65) chlorobenzene-d5	13.123	82	168746	50.00	ug/L	0.00
79) 1,4-dichlorobenzene-d4	15.684	152	107152	50.00	ug/L	0.00

System Monitoring Compounds

39) dibromofluoromethane (s)	8.641	113	82755	48.10	ug/L	0.00
Spiked Amount 50.000	Range 85 - 129		Recovery = 96.20%			
59) toluene-d8 (s)	11.665	98	312523	49.15	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.30%			
81) bromofluorobenzene (s)	14.349	95	142526	48.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 96.44%			

Target Compounds						Qvalue
2) tertiary butyl alcohol	6.651	59	278525	475.90	ug/L	98
4) Ethanol	5.437	45	214302	5342.13	ug/L	98
5) dichlorodifluoromethane	4.241	85	77835	48.74	ug/L	91
6) chloromethane	4.493	50	45358	38.10	ug/L	84
7) vinyl chloride	4.740	62	65414	45.11	ug/L	95
8) bromomethane	5.246	96	29449	45.14	ug/L	89
9) chloroethane	5.414	64	37283	51.26	ug/L	99
10) ethyl ether	6.304	59	76013	50.10	ug/L	73
11) acetonitrile	5.959	41	68154	93.93	ug/L	79
12) trichlorofluoromethane	6.064	101	155562	44.58	ug/L	87
13) freon-113	6.837	101	77042	48.26	ug/L	82
14) acrolein	6.053	56	165971	269.61	ug/L	100
15) 1,1-dichloroethene	6.648	96	77005	54.81	ug/L #	75
16) acetone	6.191	43	88553	51.53	ug/L	75
17) Methyl Acetate	6.830	43	219910	51.08	ug/L #	96
18) methylene chloride	6.799	84	87052	49.24	ug/L	95
19) methyl tert butyl ether	7.582	73	240508	41.64	ug/L	91
20) acrylonitrile	6.698	53	251145	245.52	ug/L	92
21) allyl chloride	6.894	41	95503	65.57	ug/L	94
22) trans-1,2-dichloroethene	7.492	96	72458	48.02	ug/L	85
23) iodomethane	6.712	142	29163	48.07	ug/L	74
24) carbon disulfide	7.079	76	224835	50.38	ug/L	99
25) propionitrile	7.758	54	23042	48.25	ug/L	100
26) vinyl acetate	7.847	43	75865	48.03	ug/L	99
27) chloroprene	8.111	53	146979	45.36	ug/L	86
28) di-isopropyl ether	8.147	45	284594	49.40	ug/L	69
29) methacrylonitrile	8.267	41	95907	49.31	ug/L	97
30) 2-butanone	8.157	72	23170	51.10	ug/L #	41
31) Hexane	8.137	41	132345	47.45	ug/L	84
32) 1,1-dichloroethane	7.745	63	168872	47.58	ug/L	94
33) tert-butyl ethyl ether	8.542	59	91053	22.40	ug/L	82
34) isobutyl alcohol	8.584	43	52866	180.61	ug/L #	63
35) 2,2-dichloropropane	8.604	77	17469	9.02	ug/L	77
36) cis-1,2-dichloroethene	8.316	96	85243	48.02	ug/L #	74
37) bromochloromethane	8.483	128	33052	49.26	ug/L #	78

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21346.D
Acq On : 5 Sep 2007 6:27 am
Operator : amym
Sample : ic733-50
Misc : ms14235,msp733,,,,5,1
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 05 08:18:07 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
38) chloroform	8.520	83	205103	46.93	ug/L		92
40) Tetrahydrofuran	8.849	42	44868	48.49	ug/L		65
41) 1,1,1-trichloroethane	9.271	97	139788	34.93	ug/L		97
43) Cyclohexane	9.555	56	107267	47.44	ug/L	#	92
44) carbon tetrachloride	9.636	117	125070	38.55	ug/L		96
45) 1,1-dichloropropene	9.446	75	135457	45.41	ug/L		93
46) benzene	9.672	78	347710	48.07	ug/L		91
47) 1,2-dichloroethane	9.172	62	220165	47.59	ug/L		88
48) tert-amyl methyl ether	9.787	73	129501	30.41	ug/L		89
49) heptane	10.146	43	66051	45.37	ug/L		83
50) trichloroethene	10.291	95	104590	45.68	ug/L		91
51) 1,2-dichloropropane	10.257	63	83064	47.35	ug/L		99
52) dibromomethane	10.231	93	69100	52.75	ug/L		85
53) bromodichloromethane	10.343	83	177721	45.92	ug/L		96
54) Methylcyclohexane	10.807	83	98003	42.21	ug/L		92
55) 2-chloroethyl vinyl ether	10.786	63	3267	24.12	ug/L	#	66
56) methyl methacrylate	10.434	69	92043	46.34	ug/L		92
57) 1,4-dioxane	10.445	88	11780	245.56	ug/L		71
58) cis-1,3-dichloropropene	10.960	75	123972	40.99	ug/L		87
60) 4-methyl-2-pentanone	11.053	43	168767	46.77	ug/L		94
61) toluene	11.738	92	211169	46.46	ug/L		94
62) trans-1,3-dichloropropene	11.380	75	118752	38.50	ug/L		86
63) 1,1,2-trichloroethane	11.551	83	78753	48.62	ug/L		90
64) ethyl methacrylate	11.752	69	139154	41.66	ug/L		98
66) tetrachloroethene	12.478	166	72401	47.93	ug/L		97
67) 1,3-dichloropropane	11.786	76	179118	51.88	ug/L		93
68) dibromochloromethane	12.078	129	99833	47.25	ug/L		93
69) 1,2-dibromoethane	12.331	107	98569	50.30	ug/L		91
70) 2-hexanone	11.913	43	133693	48.80	ug/L		92
71) chlorobenzene	13.159	112	206347	48.75	ug/L		89
72) 1,1,1,2-tetrachloroethane	13.076	131	81681	47.48	ug/L		96
73) ethylbenzene	13.332	91	432431	47.72	ug/L		97
74) m,p-xylene	13.516	106	289501	95.94	ug/L		86
75) o-xylene	13.929	106	143681	49.36	ug/L		89
76) styrene	13.857	104	238398	47.25	ug/L		71
77) bromoform	13.684	173	83698	45.50	ug/L		93
78) trans-1,4-dichloro-2-b...	14.077	53	15872	39.80	ug/L	#	68
80) isopropylbenzene	14.291	105	339057	48.86	ug/L		99
82) bromobenzene	14.580	156	96458	52.33	ug/L		88
83) 1,1,2,2-tetrachloroethane	13.932	83	135424	51.53	ug/L		100
84) 1,2,3-trichloropropane	14.080	75	177045	51.79	ug/L		97
85) n-propylbenzene	14.737	91	460041	49.56	ug/L		95
86) 2-chlorotoluene	14.857	91	325348	51.20	ug/L		86
87) 4-chlorotoluene	14.932	91	328415	49.44	ug/L		89
88) 1,3,5-trimethylbenzene	15.013	105	342862	49.59	ug/L		91
89) tert-butylbenzene	15.320	91	223891	47.56	ug/L		84
90) 1,2,4-trimethylbenzene	15.424	105	351795	49.02	ug/L		90
91) sec-butylbenzene	15.542	105	357723	48.46	ug/L		100
92) 1,3-dichlorobenzene	15.646	146	155415	49.91	ug/L		90
93) p-isopropyltoluene	15.713	119	302938	47.75	ug/L		86

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21346.D
Acq On : 5 Sep 2007 6:27 am
Operator : amym
Sample : ic733-50
Misc : ms14235,msp733,,,,5,1
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 05 08:18:07 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration

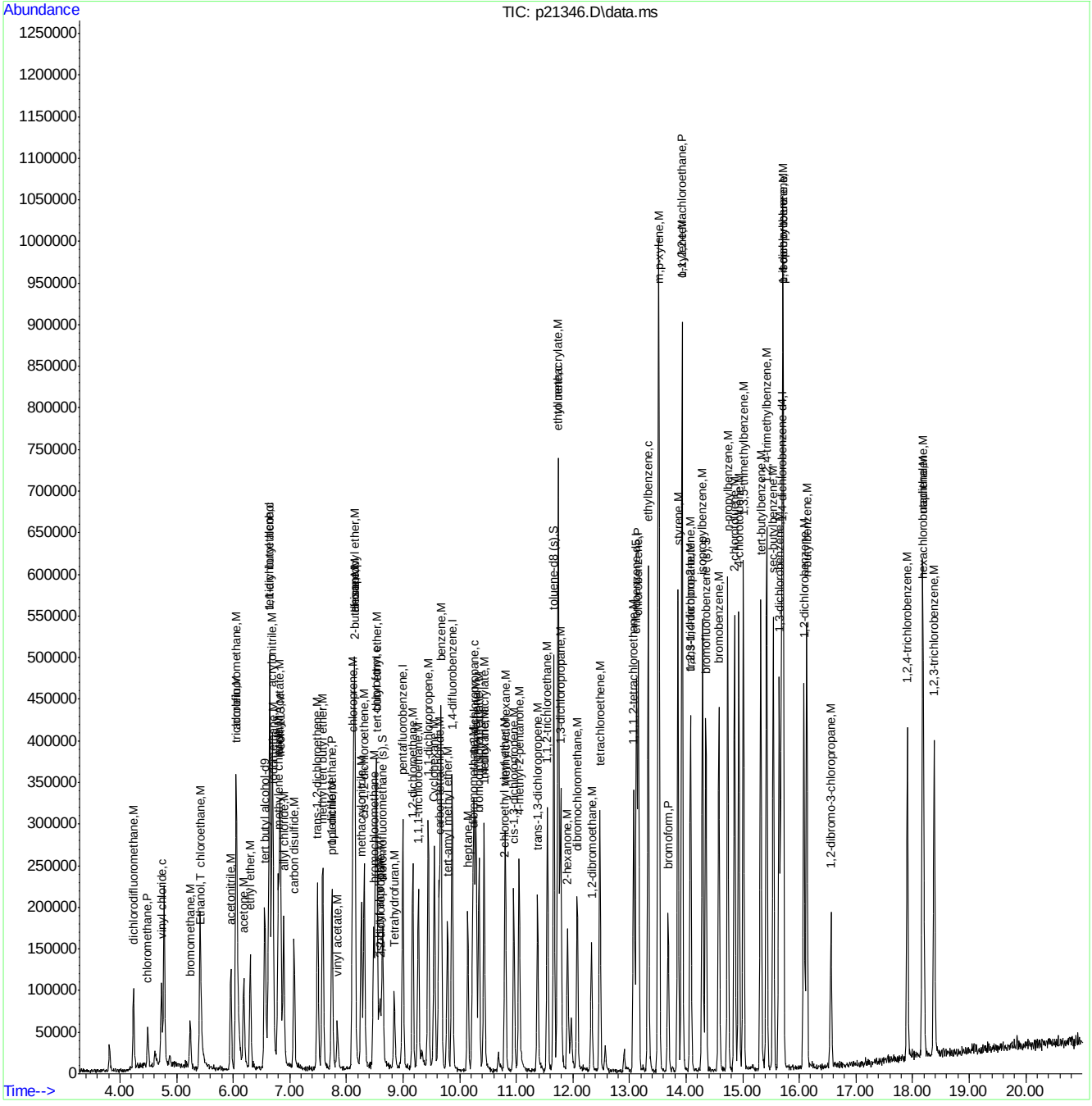
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
94) 1,4-dichlorobenzene	15.713	146	160242	47.09 ug/L	94
95) 1,2-dichlorobenzene	16.081	146	158605	49.92 ug/L	93
96) n-butylbenzene	16.131	91	305593	48.67 ug/L	94
97) 1,2-dibromo-3-chloropr...	16.559	75	58452	47.67 ug/L #	56
98) 1,2,4-trichlorobenzene	17.910	180	106698	48.43 ug/L	88
99) hexachlorobutadiene	18.197	225	51024	50.11 ug/L	91
100) naphthalene	18.179	128	356495	48.58 ug/L	100
101) 1,2,3-trichlorobenzene	18.385	180	108097	50.03 ug/L	77

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21346.D
Acq On : 5 Sep 2007 6:27 am
Operator : amym
Sample : ic733-50
Misc : ms14235,msp733,,,,5,1
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 05 08:18:07 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 08:16:22 2007
Response via : Initial Calibration



ACCUTEST Laboratories M67399

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21347.D
Acq On : 5 Sep 2007 6:56 am
Operator : amym
Sample : icv733-50
Misc : ms14235,msp733,,,,5,1
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Sep 06 09:10:33 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.566	65	233977	500.00	ug/L	0.00
3) pentafluorobenzene	8.998	168	148269	50.00	ug/L	0.00
42) 1,4-difluorobenzene	9.870	114	222696	50.00	ug/L	0.00
65) chlorobenzene-d5	13.123	82	166643	50.00	ug/L	0.00
79) 1,4-dichlorobenzene-d4	15.685	152	107197	50.00	ug/L	0.00

System Monitoring Compounds

39) dibromofluoromethane (s)	8.641	113	83014	50.10	ug/L	0.00
Spiked Amount 50.000	Range 85 - 129		Recovery = 100.20%			
59) toluene-d8 (s)	11.666	98	301783	50.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.50%			
81) bromofluorobenzene (s)	14.349	95	144158	48.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 96.80%			

Target Compounds						Qvalue
2) tertiary butyl alcohol	6.651	59	264373	454.01	ug/L	98
4) Ethanol	5.442	45	214644	4980.24	ug/L	96
5) dichlorodifluoromethane	4.241	85	121386	70.35	ug/L	92
6) chloromethane	4.493	50	53000	50.42	ug/L	90
7) vinyl chloride	4.737	62	80022	55.74	ug/L	99
8) bromomethane	5.243	96	32787	50.03	ug/L	93
9) chloroethane	5.413	64	42892	58.17	ug/L	98
10) ethyl ether	6.305	59	69294	44.25	ug/L	100
11) acetonitrile	5.959	41	66157	52.40	ug/L	96
12) trichlorofluoromethane	6.064	101	164342	50.41	ug/L	93
13) freon-113	6.838	101	73632	45.25	ug/L	94
14) acrolein	6.054	56	153095	243.84	ug/L	93
15) 1,1-dichloroethene	6.648	96	79018	51.54	ug/L #	79
16) acetone	6.193	43	85324	46.03	ug/L	66
17) Methyl Acetate	6.830	43	169903	40.40	ug/L	95
18) methylene chloride	6.801	84	82867	47.30	ug/L	94
19) methyl tert butyl ether	7.583	73	226310	42.67	ug/L	80
20) acrylonitrile	6.698	53	229083	221.03	ug/L	82
21) allyl chloride	6.894	41	86288	52.94	ug/L	96
22) trans-1,2-dichloroethene	7.493	96	75179	50.32	ug/L #	81
23) iodomethane	6.715	142	30846	48.69	ug/L	86
24) carbon disulfide	7.077	76	222057	46.23	ug/L	98
25) propionitrile	7.756	54	20031	44.72	ug/L	100
26) vinyl acetate	7.847	43	43162	38.18	ug/L	98
27) chloroprene	8.112	53	145021	45.92	ug/L	86
28) di-isopropyl ether	8.147	45	262059	44.95	ug/L #	64
29) methacrylonitrile	8.267	41	84798	43.88	ug/L	86
30) 2-butanone	8.157	72	20186	43.99	ug/L #	18
31) Hexane	8.136	41	123566	41.78	ug/L #	80
32) 1,1-dichloroethane	7.745	63	163099	47.10	ug/L	93
33) tert-butyl ethyl ether	8.543	59	88807	39.66	ug/L	93
34) isobutyl alcohol	8.592	43	31296	163.52	ug/L	86
35) 2,2-dichloropropane	8.603	77	16722	37.86	ug/L	90
36) cis-1,2-dichloroethene	8.315	96	80003	44.45	ug/L #	78
37) bromochloromethane	8.482	128	30219	44.00	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21347.D
Acq On : 5 Sep 2007 6:56 am
Operator : amym
Sample : icv733-50
Misc : ms14235,msp733,,,,5,1
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Sep 06 09:10:33 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
38) chloroform	8.520	83	207310	44.12 ug/L	90
40) Tetrahydrofuran	8.848	42	41834	44.46 ug/L	92
41) 1,1,1-trichloroethane	9.271	97	138542	44.41 ug/L	94
43) Cyclohexane	9.555	56	109172	49.22 ug/L #	88
44) carbon tetrachloride	9.636	117	128448	47.28 ug/L	89
45) 1,1-dichloropropene	9.447	75	136200	50.75 ug/L	89
46) benzene	9.672	78	323217	47.78 ug/L	97
47) 1,2-dichloroethane	9.173	62	205759	47.77 ug/L	94
48) tert-amyl methyl ether	9.788	73	118407	44.59 ug/L	99
49) heptane	10.145	43	63678	45.66 ug/L	97
50) trichloroethene	10.291	95	99333	47.65 ug/L	81
51) 1,2-dichloropropane	10.256	63	77597	44.17 ug/L	86
52) dibromomethane	10.232	93	63968	48.54 ug/L	96
53) bromodichloromethane	10.342	83	160533	44.63 ug/L	96
54) Methylcyclohexane	10.806	83	106416	48.96 ug/L	92
55) 2-chloroethyl vinyl ether	10.794	63	2778	80.34 ug/L #	43
56) methyl methacrylate	10.435	69	79766	45.96 ug/L	99
57) 1,4-dioxane	10.443	88	10149	220.57 ug/L	87
58) cis-1,3-dichloropropene	10.961	75	104748	41.87 ug/L	96
60) 4-methyl-2-pentanone	11.056	43	154091	46.26 ug/L	95
61) toluene	11.738	92	196251	40.58 ug/L	98
62) trans-1,3-dichloropropene	11.380	75	105166	41.91 ug/L	82
63) 1,1,2-trichloroethane	11.552	83	70393	47.38 ug/L	92
64) ethyl methacrylate	11.753	69	128754	48.06 ug/L	86
66) tetrachloroethene	12.478	166	73189	49.94 ug/L	90
67) 1,3-dichloropropane	11.787	76	161349	46.93 ug/L	85
68) dibromochloromethane	12.079	129	92371	44.92 ug/L	73
69) 1,2-dibromoethane	12.330	107	93097	48.60 ug/L	83
70) 2-hexanone	11.913	43	124801	47.20 ug/L	86
71) chlorobenzene	13.158	112	193801	47.30 ug/L	86
72) 1,1,1,2-tetrachloroethane	13.077	131	81118	49.25 ug/L	87
73) ethylbenzene	13.332	91	413073	43.54 ug/L	98
74) m,p-xylene	13.516	106	268227	93.30 ug/L #	81
75) o-xylene	13.930	106	127924	45.36 ug/L #	80
76) styrene	13.856	104	213531	42.66 ug/L	55
77) bromoform	13.683	173	77569	45.42 ug/L	95
78) trans-1,4-dichloro-2-b...	14.078	53	14198	44.10 ug/L #	54
80) isopropylbenzene	14.291	105	327525	46.19 ug/L	94
82) bromobenzene	14.581	156	85326	46.03 ug/L #	65
83) 1,1,2,2-tetrachloroethane	13.932	83	121482	46.28 ug/L	97
84) 1,2,3-trichloropropane	14.080	75	160798	45.42 ug/L	96
85) n-propylbenzene	14.737	91	437253	45.84 ug/L	93
86) 2-chlorotoluene	14.857	91	301810	47.60 ug/L	86
87) 4-chlorotoluene	14.932	91	314008	47.43 ug/L	87
88) 1,3,5-trimethylbenzene	15.013	105	324963	44.95 ug/L	89
89) tert-butylbenzene	15.320	91	218902	46.89 ug/L	80
90) 1,2,4-trimethylbenzene	15.423	105	331212	46.50 ug/L	97
91) sec-butylbenzene	15.542	105	359105	48.14 ug/L	95
92) 1,3-dichlorobenzene	15.646	146	141069	45.17 ug/L	91
93) p-isopropyltoluene	15.713	119	290303	45.58 ug/L	88

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21347.D
Acq On : 5 Sep 2007 6:56 am
Operator : amym
Sample : icv733-50
Misc : ms14235,msp733,,,,5,1
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Sep 06 09:10:33 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

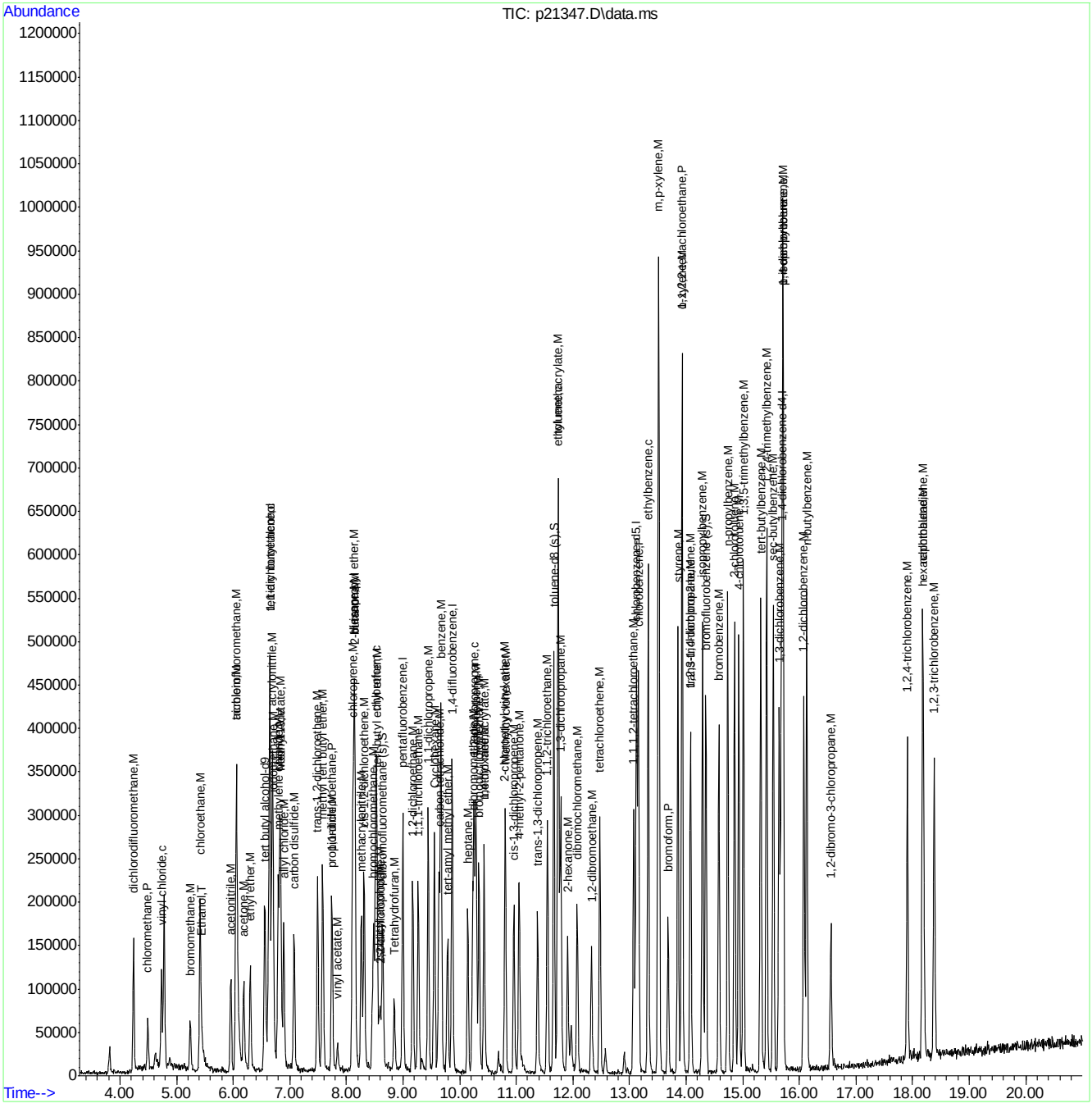
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
94) 1,4-dichlorobenzene	15.713	146	149107	45.53 ug/L	93
95) 1,2-dichlorobenzene	16.081	146	146574	46.92 ug/L	92
96) n-butylbenzene	16.131	91	292490	46.20 ug/L	97
97) 1,2-dibromo-3-chloropr...	16.558	75	57158	47.26 ug/L #	62
98) 1,2,4-trichlorobenzene	17.910	180	98337	44.10 ug/L	94
99) hexachlorobutadiene	18.197	225	49319	46.06 ug/L	97
100) naphthalene	18.179	128	306114	44.23 ug/L	100
101) 1,2,3-trichlorobenzene	18.385	180	91804	43.89 ug/L	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21347.D
Acq On : 5 Sep 2007 6:56 am
Operator : amym
Sample : icv733-50
Misc : ms14235,msp733,,,,5,1
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Sep 06 09:10:33 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration



ACCUTEST Laboratories
M67399

Manual Integrations APPROVED (compounds with "m" flag)
Philip Bassignani
09/07/07 12:56

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21404.D
Acq On : 6 Sep 2007 11:35 am
Operator : amym
Sample : cc733-100
Misc : ms14247,msp736,,,,5,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 06 13:53:48 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.565	65	188929	500.00	ug/L	0.00
3) pentafluorobenzene	8.998	168	128173	50.00	ug/L	0.00
42) 1,4-difluorobenzene	9.868	114	196869	50.00	ug/L	0.00
65) chlorobenzene-d5	13.119	82	148118	50.00	ug/L	0.00
79) 1,4-dichlorobenzene-d4	15.683	152	95361	50.00	ug/L	0.00
System Monitoring Compounds						
39) dibromofluoromethane (s)	8.640	113	68856	48.07	ug/L	0.00
Spiked Amount 50.000	Range 85 - 129		Recovery = 96.14%			
59) toluene-d8 (s)	11.665	98	261764	49.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.60%			
81) bromofluorobenzene (s)	14.348	95	123347	46.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 93.10%			

Target Compounds						Qvalue
2) tertiary butyl alcohol	6.649	59	447336	951.39	ug/L	100
4) Ethanol	5.430	45	330176	9118.49	ug/L	98
5) dichlorodifluoromethane	4.239	85	131916	88.44	ug/L	94
6) chloromethane	4.493	50	63068	66.68	ug/L	87
7) vinyl chloride	4.735	62	110476	88.81	ug/L	99
8) bromomethane	5.241	96	42929	75.83	ug/L	98
9) chloroethane	5.411	64	60666	96.45	ug/L	81
10) ethyl ether	6.302	59	128713	95.08	ug/L	97
11) acetonitrile	5.958	41	126360	145.55	ug/L	77
12) trichlorofluoromethane	6.064	101	290454	101.03	ug/L	95
13) freon-113	6.836	101	134377	95.54	ug/L	96
14) acrolein	6.051	56	255801	471.30	ug/L	98
15) 1,1-dichloroethene	6.648	96	126716	100.27	ug/L #	46
16) acetone	6.188	43	134908	88.22	ug/L	74
17) Methyl Acetate	6.826	43	357561	98.34	ug/L #	93
18) methylene chloride	6.799	84	141541	94.45	ug/L	96
19) methyl tert butyl ether	7.581	73	445630	92.96	ug/L	83
20) acrylonitrile	6.698	53	419660	468.39	ug/L	81
21) allyl chloride	6.892	41	152367	108.14	ug/L	99
22) trans-1,2-dichloroethene	7.489	96	130200	100.87	ug/L	93
23) iodomethane	6.715	142	45996	76.48	ug/L	91
24) carbon disulfide	7.077	76	382844	92.19	ug/L	100
25) propionitrile	7.757	54	40022	103.36	ug/L	100
26) vinyl acetate	7.842	43	203798	156.90	ug/L	96
27) chloroprene	8.110	53	270326	99.02	ug/L	95
28) di-isopropyl ether	8.145	45	478334	95.99	ug/L	74
29) methacrylonitrile	8.264	41	154401	92.43	ug/L	95
30) 2-butanone	8.155	72	37754	95.17	ug/L #	68
31) Hexane	8.133	41	243957	95.41	ug/L #	76
32) 1,1-dichloroethane	7.744	63	288120	95.92	ug/L	99
33) tert-butyl ethyl ether	8.541	59	225994	91.14	ug/L	95
34) isobutyl alcohol	8.576	43	103718m	467.79	ug/L	
35) 2,2-dichloropropane	8.603	77	93140	99.99	ug/L	92
36) cis-1,2-dichloroethene	8.315	96	147737	96.31	ug/L	84
37) bromochloromethane	8.481	128	56588	97.13	ug/L	95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21404.D
Acq On : 6 Sep 2007 11:35 am
Operator : amym
Sample : cc733-100
Misc : ms14247,msp736,,,,5,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 06 13:53:48 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
38) chloroform	8.518	83	355788	87.59 ug/L	97
40) Tetrahydrofuran	8.847	42	81553	100.27 ug/L	88
41) 1,1,1-trichloroethane	9.270	97	272740	89.91 ug/L	96
43) Cyclohexane	9.554	56	190883	97.36 ug/L #	78
44) carbon tetrachloride	9.634	117	226462	94.29 ug/L	94
45) 1,1-dichloropropene	9.445	75	230516	94.25 ug/L	93
46) benzene	9.671	78	590012	97.02 ug/L	96
47) 1,2-dichloroethane	9.170	62	364139	94.23 ug/L	95
48) tert-amyl methyl ether	9.786	73	271846	103.59 ug/L	99
49) heptane	10.144	43	146376	118.72 ug/L	89
50) trichloroethene	10.289	95	168470	89.23 ug/L	76
51) 1,2-dichloropropane	10.256	63	142453	91.72 ug/L	99
52) dibromomethane	10.230	93	116461	101.62 ug/L	97
53) bromodichloromethane	10.342	83	296677	93.31 ug/L	98
54) Methylcyclohexane	10.806	83	193993	100.96 ug/L	89
55) 2-chloroethyl vinyl ether	10.799	63	4248	120.17 ug/L #	26
56) methyl methacrylate	10.432	69	153328	99.93 ug/L	95
57) 1,4-dioxane	10.435	88	19784	483.43 ug/L	79
58) cis-1,3-dichloropropene	10.958	75	221595	91.44 ug/L	83
60) 4-methyl-2-pentanone	11.052	43	284293	96.55 ug/L	96
61) toluene	11.737	92	359385	84.05 ug/L	95
62) trans-1,3-dichloropropene	11.377	75	220985	90.11 ug/L	81
63) 1,1,2-trichloroethane	11.550	83	127524	94.80 ug/L	93
64) ethyl methacrylate	11.750	69	244596	92.86 ug/L	97
66) tetrachloroethene	12.477	166	129776	98.52 ug/L	99
67) 1,3-dichloropropane	11.785	76	289484	94.65 ug/L	99
68) dibromochloromethane	12.077	129	169463	92.71 ug/L	97
69) 1,2-dibromoethane	12.329	107	165389	96.35 ug/L	93
70) 2-hexanone	11.908	43	222255	94.57 ug/L	91
71) chlorobenzene	13.157	112	357092	96.83 ug/L	88
72) 1,1,1,2-tetrachloroethane	13.075	131	144913	97.12 ug/L	93
73) ethylbenzene	13.330	91	755840	89.63 ug/L	100
74) m,p-xylene	13.515	106	506830	194.62 ug/L	86
75) o-xylene	13.928	106	245334	96.53 ug/L #	77
76) styrene	13.855	104	422100	94.88 ug/L	64
77) bromoform	13.682	173	147840	94.03 ug/L	93
78) trans-1,4-dichloro-2-b...	14.076	53	28451	87.20 ug/L	95
80) isopropylbenzene	14.290	105	591708	93.81 ug/L	98
82) bromobenzene	14.579	156	159936	97.90 ug/L #	79
83) 1,1,2,2-tetrachloroethane	13.931	83	250421	107.46 ug/L	93
84) 1,2,3-trichloropropane	14.078	75	280501	89.06 ug/L	94
85) n-propylbenzene	14.735	91	801888	94.50 ug/L	99
86) 2-chlorotoluene	14.856	91	543729	97.27 ug/L	88
87) 4-chlorotoluene	14.931	91	558955	95.29 ug/L	93
88) 1,3,5-trimethylbenzene	15.012	105	590168	91.77 ug/L	84
89) tert-butylbenzene	15.318	91	407862	98.21 ug/L	77
90) 1,2,4-trimethylbenzene	15.422	105	618007	97.52 ug/L	88
91) sec-butylbenzene	15.540	105	657393	99.06 ug/L	94
92) 1,3-dichlorobenzene	15.645	146	272485	98.87 ug/L	93
93) p-isopropyltoluene	15.711	119	537879	94.92 ug/L	86

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21404.D
Acq On : 6 Sep 2007 11:35 am
Operator : amym
Sample : cc733-100
Misc : ms14247,msp736,,,,5,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 06 13:53:48 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

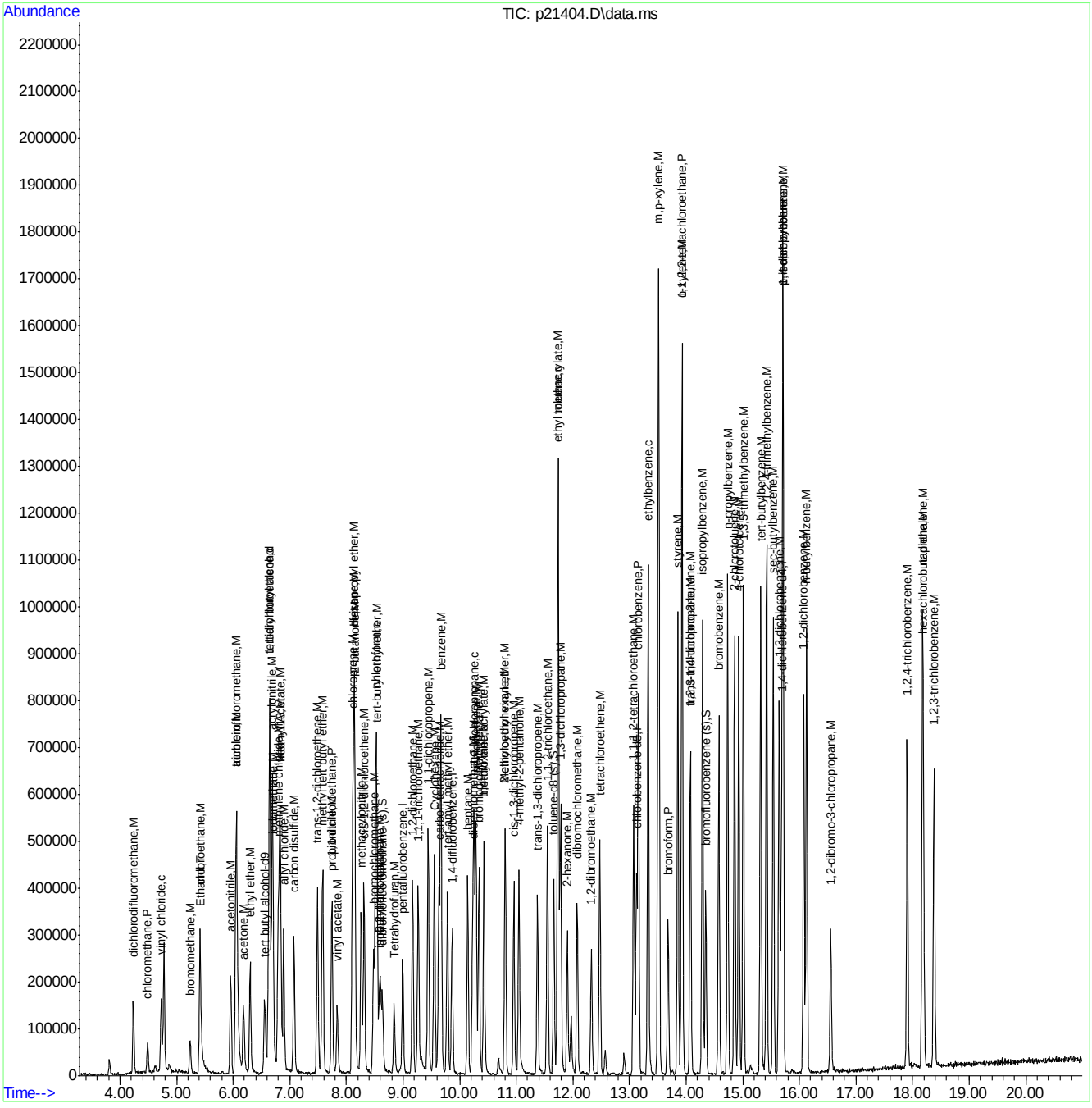
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
94) 1,4-dichlorobenzene	15.712	146	278342	94.77 ug/L	91
95) 1,2-dichlorobenzene	16.080	146	268693	96.99 ug/L	88
96) n-butylbenzene	16.129	91	551556	97.94 ug/L	93
97) 1,2-dibromo-3-chloropr...	16.557	75	97313	90.44 ug/L	69
98) 1,2,4-trichlorobenzene	17.908	180	189973	95.76 ug/L	93
99) hexachlorobutadiene	18.197	225	87462	91.83 ug/L	99
100) naphthalene	18.177	128	593305	96.37 ug/L	100
101) 1,2,3-trichlorobenzene	18.383	180	187694	100.88 ug/L	94

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : p21404.D
Acq On : 6 Sep 2007 11:35 am
Operator : amym
Sample : cc733-100
Misc : ms14247,msp736,,,,5,1
ALS Vial : 1 Sample Multiplier: 1

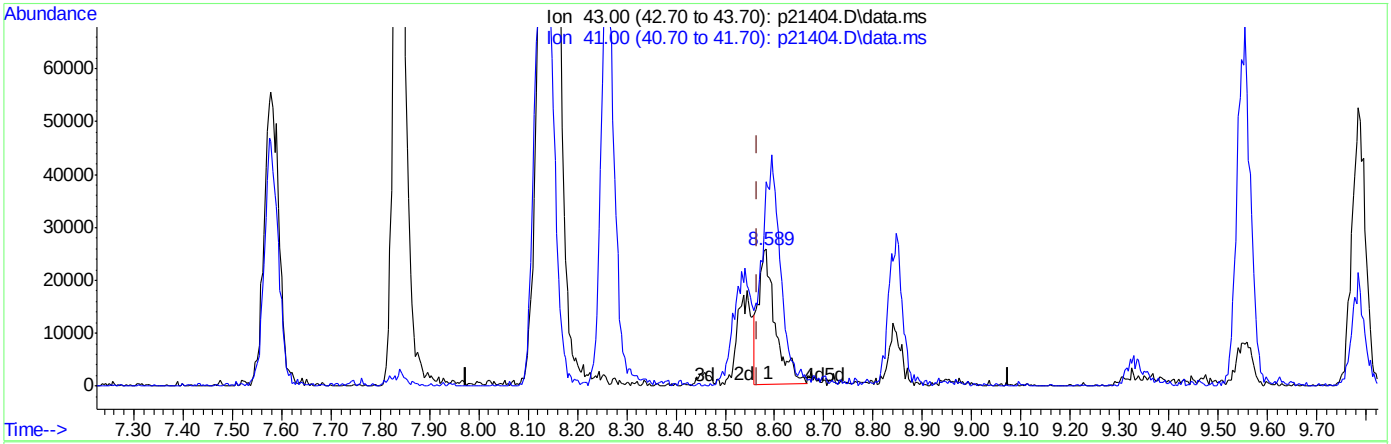
Quant Time: Sep 06 13:53:48 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration

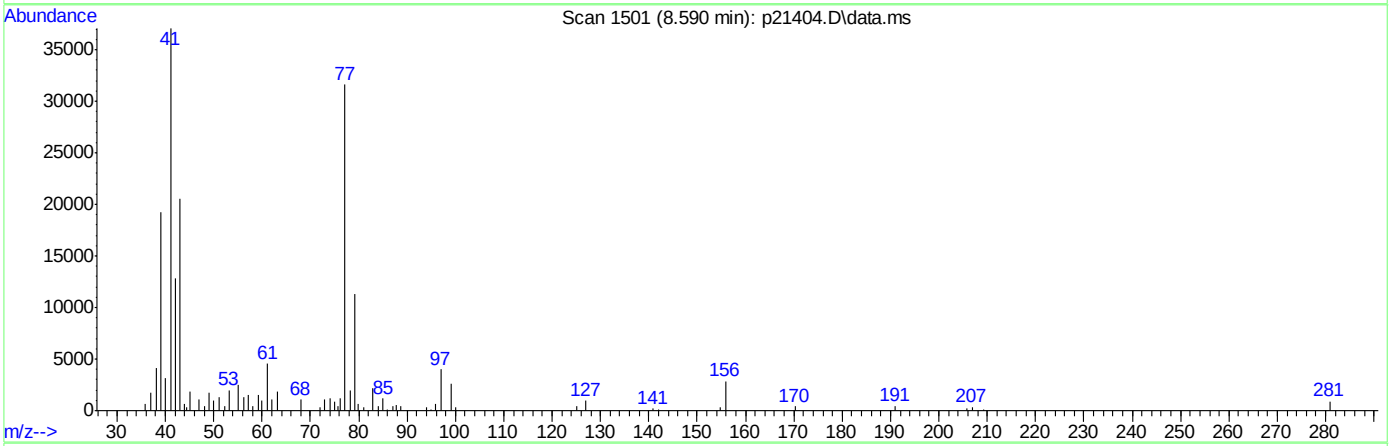


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21404.D
Acq On : 6 Sep 2007 11:35 am
Operator : amym
Sample : cc733-100
Misc : ms14247,msp736,,,,5,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 06 13:49:57 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration





(34) isobutyl alcohol (M)

8.589min (+0.024) 299.82ug/L

response 61396

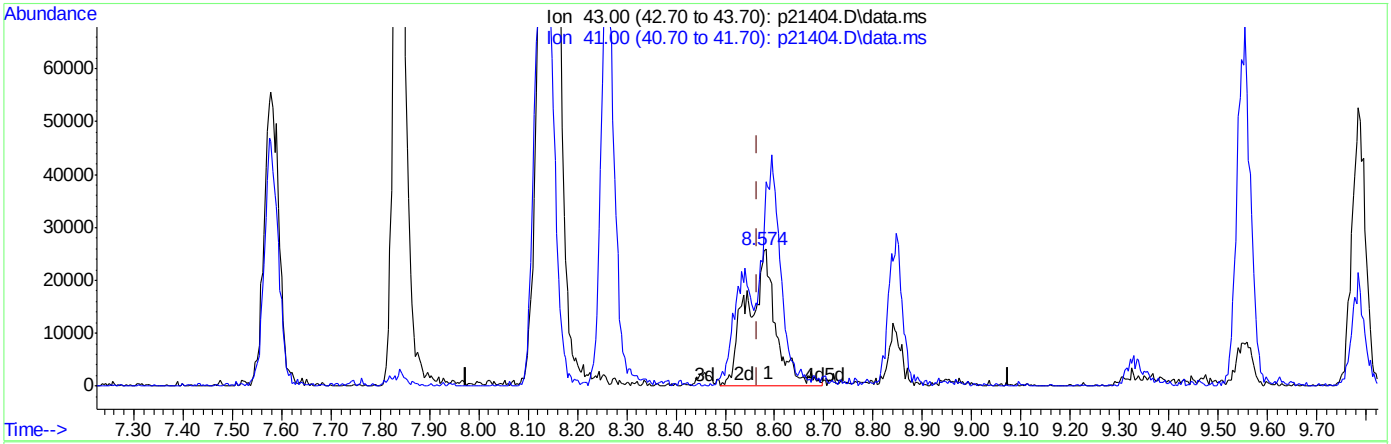
Ion	Exp%	Act%
43.00	100	100
41.00	142.10	179.48#
0.00	0.00	0.00
0.00	0.00	0.00

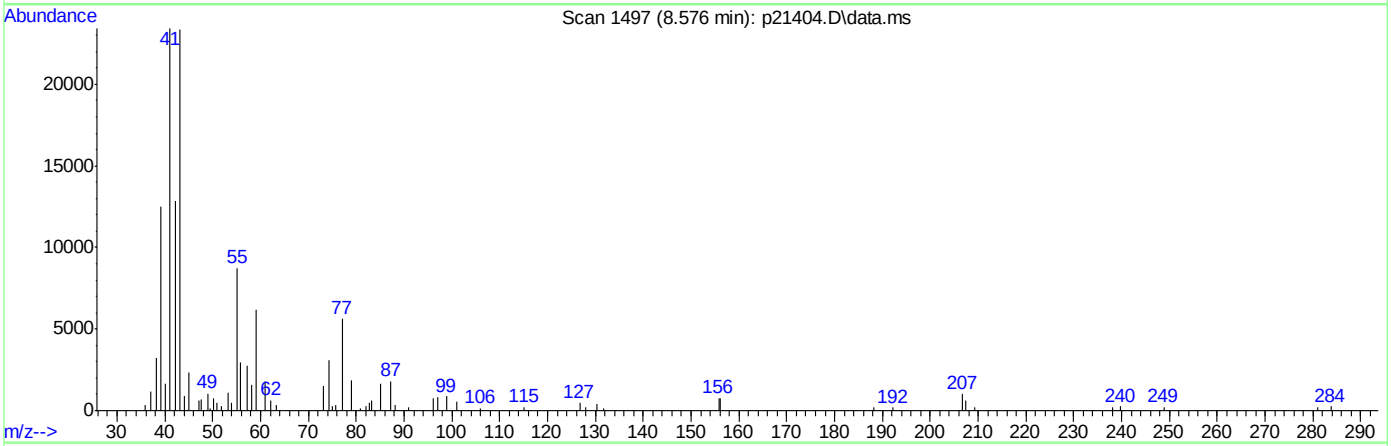
ACCUTEST Laboratories M67399

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : p21404.D
Acq On : 6 Sep 2007 11:35 am
Operator : amym
Sample : cc733-100
Misc : ms14247,msp736,,,,5,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 06 13:49:57 2007
Quant Method : C:\msdchem\1\METHODS\P090407w.M
Quant Title : SW-846 Method 8260
QLast Update : Wed Sep 05 11:24:03 2007
Response via : Initial Calibration





(34) isobutyl alcohol (M)

8.576min (+0.011) 467.79ug/L m

response 103718

Ion	Exp%	Act%
43.00	100	100
41.00	142.10	100.17#
0.00	0.00	0.00
0.00	0.00	0.00

Accutest Laboratories of New England, Inc. **Instrument: GCMS P**

VOLATILE ORGANICS BY GC/MS ANALYSIS LOG

Standards Data

Lot #	Description	Conc
MS 6250	V&bo Cal STD	200 ug/ml
6232	V&bo BS (and S)	200
6208	V&bo 25 ts SS	250

Daily Saved File

Tune file 1:	21336
Tune file 2:	NA
Initial Cal:	09.04.07
ID File:	P090407W
ICAL Verified:	mg
Sequence verified:	mg

Date: 9/4/07

Batch ID: MSP 733

Analysts

Signature: mg

Data File	Sample ID	Bot No.	Work Group	Test	ALS #	MTX	Samp Amt.	% SOL	Dil. Fact.	pH	Comments
P21335	blk	NA	NA	NA	27	NA	5ml	NA	1:1	NA	
36	blk				28						
37	ic 733-0.5		MS 6250		29						
38	-1				30						
39	-2				31						
40	-5				32						
41	-25				33						
42	-400				34						
43	-300				35						
44	-200				36						
45	icc733-100				37						
46	ic733-50				38						
47	icv733-50		MS 6232		39						
48	BS				40						

9/6/07 mg

MTX = Matrix: Designate **W** for water, **S** for soil, **O** for oil.
Sample amount is reported in grams (wet) for soil and oil, mls for water.

MS001-03 Date: 8/11/04

Review: 9/7/07

10

Accutest Laboratories of New England, Inc. **Instrument: GCMS P**

VOLATILE ORGANICS BY GC/MS ANALYSIS LOG

Standards Data

Lot #	Description	Conc
MS 6250	V8260 Cal STD	200 ug/ml
6232	V8260 BS (and S)	200
6208	V8260 IS + SS	200

Daily Saved File

Tune file 1:	P21404
Tune file 2:	NA
Initial Cal:	09.04.07
ID File:	P090407W
ICAL Verified:	my
Sequence verified:	my

Date: 9/6/07

Batch ID: MSP 736

Analysts

Signature: my

Data File	Sample ID	Bot No.	Work Group	Test	ALS #	MTX	Samp Amt.	% SOL	Dil. Fact.	pH	Comments
P21404	CC 733-100	NA	MS 6250	NA	1	NA	5 ml	NA	1:1	NA	
05	BS		MS 6232		2						
06	BSD				3						
07	MB		NA		4						
08	MB				5						
09	M 67399-1	1	MS 14251	V8260 SL	6	GW				<2	
10	-2				7						
11	-3				8						
12	M 67308-5	2	MS 14230	V8260 CTAROM	9						
13	-9				10				1:5		
14	-3				11				1:10		
15	M 67360-3	2	MS 14230 247	V8260 STAR	12				1:2		
16	M 67333-6	1	MS 14251 8/6 1017	V8260 STD	13				1:1		C.O? RR
17	-8				14						
18	M 67388-1			V8260 RCP	15						
19	-2				16						RR = 1:50
20	-2MS	2			17				1:5		
21	-2MSD				18						
22	-3				19				1:1		RR = 1:50
23	-4				20						RR = 1:10
24	-5				21						
X 25	-6				22						C.O? RR
26	M 67329-2	4		V8260 EDM	23						
27	-4	3			24						
28	-5	4			25						
29	-9	3			26						
30	MB				27						
31	MB				28						
									9/7/07 my		

MTX = Matrix: Designate **W** for water, **S** for soil, **O** for oil.
Sample amount is reported in grams (wet) for soil and oil, mls for water.

MS001-03 Date: 8/11/04 **Review:** MY 9/6/07

ACCUTEST Laboratories M67399